

WIND-TUNNEL STUDY OF  
PIC LAS COLINAS OFFICE BUILDING,  
LAS COLINAS, TEXAS

by

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## LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
$\nu, \rho$	Kinematic viscosity and density of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A, B, n	Constants
$U_{rms}$	Root-mean-square of fluctuating velocity
$E_{rms}$	Root-mean-square of fluctuating voltage
$U_{\infty}$	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
$\delta$	Height of boundary layer
$T_u$	Turbulence intensity $\frac{U_{rms}}{U_{\infty}}$ or $\frac{U_{rms}}{U}$
$C_{p_{mean}}$	Mean pressure coefficient, $\frac{(p-p_{\infty})_{mean}}{0.5 \rho U_{\infty}^2}$
$C_{p_{rms}}$	Root-mean-square pressure coefficient, $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{0.5 \rho U_{\infty}^2}$
$C_{p_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_{\infty})_{max}}{0.5 \rho U_{\infty}^2}$
$C_{p_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_{\infty})_{min}}{0.5 \rho U_{\infty}^2}$
$( )_{min}$	Minimum value during data record
$( )_{max}$	Maximum value during data record

<u>Symbol</u>	<u>Definition</u>
$p$	Fluctuating pressure at a pressure tap on the structure
$p_{\infty}$	Static pressure in the wind tunnel above the model
$F_x, F_y$	Forces in X, Y direction
$A_R$	Reference Area
$CF_X$	Force coefficient, X direction, $\frac{F_x}{A_R 0.5\rho U_{\infty}^2}$
$CF_Y$	Force coefficient, Y direction, $\frac{F_y}{A_R 0.5\rho U_{\infty}^2}$

## 1. INTRODUCTION

### 1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of cladding strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind-tunnel implementation can be found in references (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity  $UD/\nu$  be similar for model and prototype. Since  $\nu$ , the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ( $>2 \times 10^4$ ) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are  $10^7$ - $10^8$  for the full-scale and  $10^5$ - $10^6$  for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

## 1.2 The Wind-Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 10 or 15 degrees and another set of data recorded for each pressure tap. Normally, 24 or 36 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

## 2. EXPERIMENTAL CONFIGURATION

### 2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

### 2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. diameter) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are

given both for full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary layer than would otherwise be



available. The thicker boundary layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

### 3. INSTRUMENTATION AND DATA ACQUISITION

#### 3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful (a) in understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

#### 3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 24 or 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by means of a shaft projecting through

the floor of the wind tunnel. A computer-controlled stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are setra differential transducers (Model 237) with a 0.10 psid range. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot-static tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Output from the pressure transducers is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital converter. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

### 3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 ft (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position, located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. diameter platinum film sensing element 0.020 in. long. Output is directed to the on-line data acquisition system for analysis.

Calibration of the hot-wire anemometer is performed by comparing output with the pitot-static tube in the wind tunnel. The calibration

data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where  $E$  is the hot-wire output voltage,  $U$  the velocity and  $A$ ,  $B$ , and  $n$  are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form  $U_{rms}$  (root-mean-square velocity) was obtained from

$$U_{rms} = \frac{2 E E_{rms}}{B n U^{n-1}}$$

where  $E_{rms}$  is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer  $U_{\infty}$ . Turbulence intensity in velocity profile measurements used the local mean velocity.

## 4. RESULTS

### 4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

### 4.2 Velocity

Velocity and turbulence profiles are shown in Figure 7. Profiles were taken upstream from the model which are characteristic of the boundary layer approaching the model and sometimes at the building site with building removed. The boundary-layer thickness,  $\delta$ , is shown in Figure 7. The corresponding prototype value of  $\delta$  for this study is also shown in the figure. This value was established as a reasonable height for this study. The mean velocity profile approaching the modeled area has the form

$$\frac{U}{U_{\infty}} = \left(\frac{z}{\delta}\right)^n.$$

The exponent  $n$  for the approach flow established for this study is shown in Figure 7.

Profiles of longitudinal turbulence intensity in the flow approaching the modeled area are shown in Figure 7. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the velocity profiles, turbulence intensity is defined

as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the local mean velocity  $U$ ,

$$Tu = \frac{U_{rms}}{U} .$$

Velocity data obtained at each of the pedestrian measurement locations shown in Figure 4 are listed in Table 2 as mean velocity  $U/U_{\infty}$ , turbulence intensity  $U_{rms}/U_{\infty}$ , and largest effective gust

$$U_{pk} = \frac{U + 3U_{rms}}{U_{\infty}} .$$

These data are plotted in polar form in Figure 8. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30-40 ft, were converted to velocities at the reference velocity height for the wind-tunnel measurements and combined with the wind-tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4) and Melbourne (5). The Beaufort scale (from ref. 4), based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Quantitative criteria for acceptance from reference 5 are superimposed as dashed lines on Figure 9. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say about one of these gusts per hour). Implications of the data plotted in Figure 9 are presented in Section 5.2

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.



### 4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients.

The first is the mean pressure coefficient

$$C_{p_{\text{mean}}} = \frac{(p-p_{\infty})_{\text{mean}}}{0.5 \rho U_{\infty}^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5 \rho U_{\infty}^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{\text{rms}}} = \frac{\left( (p-p_{\infty}) - (p-p_{\infty})_{\text{mean}} \right)_{\text{rms}}}{0.5 \rho U_{\infty}^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean .

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed. However, the pressure fluctuations do not, in general, follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{P_{\max}} = \frac{(p-p_{\infty})_{\max}}{0.5 \rho U_{\infty}^2}$$

$$C_{P_{\min}} = \frac{(p-p_{\infty})_{\min}}{0.5 \rho U_{\infty}^2}$$

The values of  $p-p_{\infty}$  which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full-scale, are examined individually by the computer to obtain the most positive and most negative values during the 16-second period. These are converted to  $C_{P_{\max}}$  and  $C_{P_{\min}}$  by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients and associated wind directions. Included in Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the  $0.5 \rho U_{\infty}^2$  denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (6). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (7).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6 and are listed as peak pressures in that table. The maximum psf load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding load shown in Table 6 have been plotted on developed elevation

views of the structure, Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

For glass design pressures, a glass load factor is used to account for the different duration between measured peak pressures and the one minute loading commonly used in glass design charts. The design pressure used for glass is normally less than the peak pressures used for cladding design because of the static fatigue property of glass which can withstand higher pressures for short duration loads than for long duration loads. Recent research (8) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak-pressure values, then a glass strength associated with this duration load should be used. Because glass design charts are normally based on some alternate load duration--usually one minute--then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration. Current glass selection charts showing glass strength as a function of load duration (9) and older references (10) indicate the following load reduction factors:

	ref 9	ref 10
annealed float	0.80	0.81
heat strengthened	0.94	
tempered	0.97	0.98

Loadings appropriate for glass design can be computed by multiplying the peak-pressure loads of Table 6 by these load factors.

#### 4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y, and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for all wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading which are useful in designing the structural framing of the proposed building may be obtained from use of these coefficients.

Force coefficients were computed for each floor for each wind direction using the equations shown below.

$$CF_X = \frac{F_X}{A_R 0.5 \rho U_\infty^2} \quad CF_Y = \frac{F_Y}{A_R 0.5 \rho U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients  $CF_X$  and  $CF_Y$  were computed for the horizontal forces acting along the X and Y axes using the mean pressure coefficient at each pressure tap.  $A_R$  represents a constant reference area for nondimensionalization of the forces and moments.

The total forces acting on the full-scale building for each floor and wind direction were computed by multiplying the above coefficients by the appropriate full-scale reference area, by the reference pressure of Table 5, and by a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. A table of gust load factors for various gust durations is

incorporated in Table 5 so that force and moment data of Table 7 may be adjusted to a different load duration if desired.

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an  $X'$ ,  $Y'$  axis through the floor of interest. Moments about the  $Z$  axis were calculated by considering the displacement of forces in the  $X$  and  $Y$  directions from the  $Z$  axis shown in Figure 3. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

## 5. DISCUSSION

### 5.1 Flow Visualization

Flow patterns identified with smoke showed that the highest pressures on the PIC Las Colinas building should be found near corners of the structure, particularly near the top and ground level where winds accelerated by the building mass separate from the building. Flow interaction with the connected parking structure to the south may cause increased negative (outward acting) pressures on east and west faces near the south corners at the height of the top of the garage due to high velocity winds from the south. The curved face of the structure did not produce flow patterns which gave visible indications of elevated pressures. Winds in pedestrian areas may be high near the base of the structure due to accelerated flows deflected by the building. This problem exists for any isolated building in the Dallas area.

### 5.2 Pedestrian Winds

Figure 4 shows the 19 locations selected for investigation of pedestrian wind comfort. Location 1 was selected as a reference location which should be reasonably undisturbed by presence of the PIC Las Colinas building for most wind directions. Pedestrian data were obtained with both Phase 1 and 2 buildings in place. Table 2 and Figure 8 show that the largest values of mean velocity were measured at locations 2, 6, 7, 13 and 16 with values ranging from 73 to 83 percent of the mean velocity,  $U_{\infty}$ , at the boundary-layer height. These locations include the four corners of the building where locally high winds are normally expected. For comparison, the largest mean velocity at reference location 1 was 49 percent while an open-country environment might expect about 45 percent.

The largest values of fluctuating velocity,  $U_{rms}$ , were measured at location 18 on top of the parking garage with values ranging from 27 to 35 percent of  $U_{\infty}$  for 4 wind directions. Reference location 1 experienced a largest value of 18 percent with the building upwind while an open-country environment might expect a value of 10 to 12 percent of  $U_{\infty}$ . The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 2 and 18 with values ranging from 133 to 176 percent of  $U_{\infty}$  for more than one wind direction. For comparison, the largest value at reference location 1 was 91 percent--close to that expected in an open-country environment.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest locations will be 2, 3, 6, 7, 11 and 16, all of which may be considered unacceptably windy for 20 percent or more of the time. Other locations which will be considered quite windy are 13, 17 and 18. Wind gusts should be of less concern than mean winds. Location 19, at the entrance underneath the overhang, will experience very low wind speeds.

The results of the pedestrian wind analysis showed several locations about the PIC Las Colinas building where winds are predicted to be unacceptably windy for significant portions of the time based on the published acceptability criteria used for evaluation in Figure 9. Reference location 1, close in characteristics to an open-country environment, was predicted by the same criteria to be uncomfortable for walking most of the time. Because the ambient wind speeds in the Dallas area tend to be rather high, it is likely that the real acceptability criteria for this area are higher in velocity than those shown in Figure 9. The environment



about the PIC Las Colinas building, while quite windy, is no worse than that about the bases of other tall structures in the Dallas area.

### 5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all tap locations for all wind directions with both Phase 1 and Phase 2 buildings in place as shown in Figure 4. Data listed as Configuration B represent data obtained at all taps for wind directions from 350 degrees azimuth through 90 degrees to 190 degrees (north through east to south) with the Phase 2 building and parking garage removed. Configuration C represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressure coefficient measured on the building was -2.4 at tap 540 on the east face of the building. Another 9 tap locations on the building had pressure coefficients between -2.3 and -2.4. These are not exceptionally high for a building of this height. The largest peak pressure coefficient represents, using the 50-year recurrence wind reference dynamic pressure of Table 5, a peak cladding pressure of 63 psf. Figure 10 shows that the peak pressures on the wide faces of the building are mostly below 40 psf and on the narrow faces are in the 40- to 60-psf range.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for wind directions generating the largest X and Y base moments for both Configurations A and B. The presence of the Phase 2 building made only minor differences in the loading.

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10. Shand, E. B., "Glass Engineering Handbook," Second Edition, McGraw-Hill, New York, p. 51, 1958.

**FIGURES**

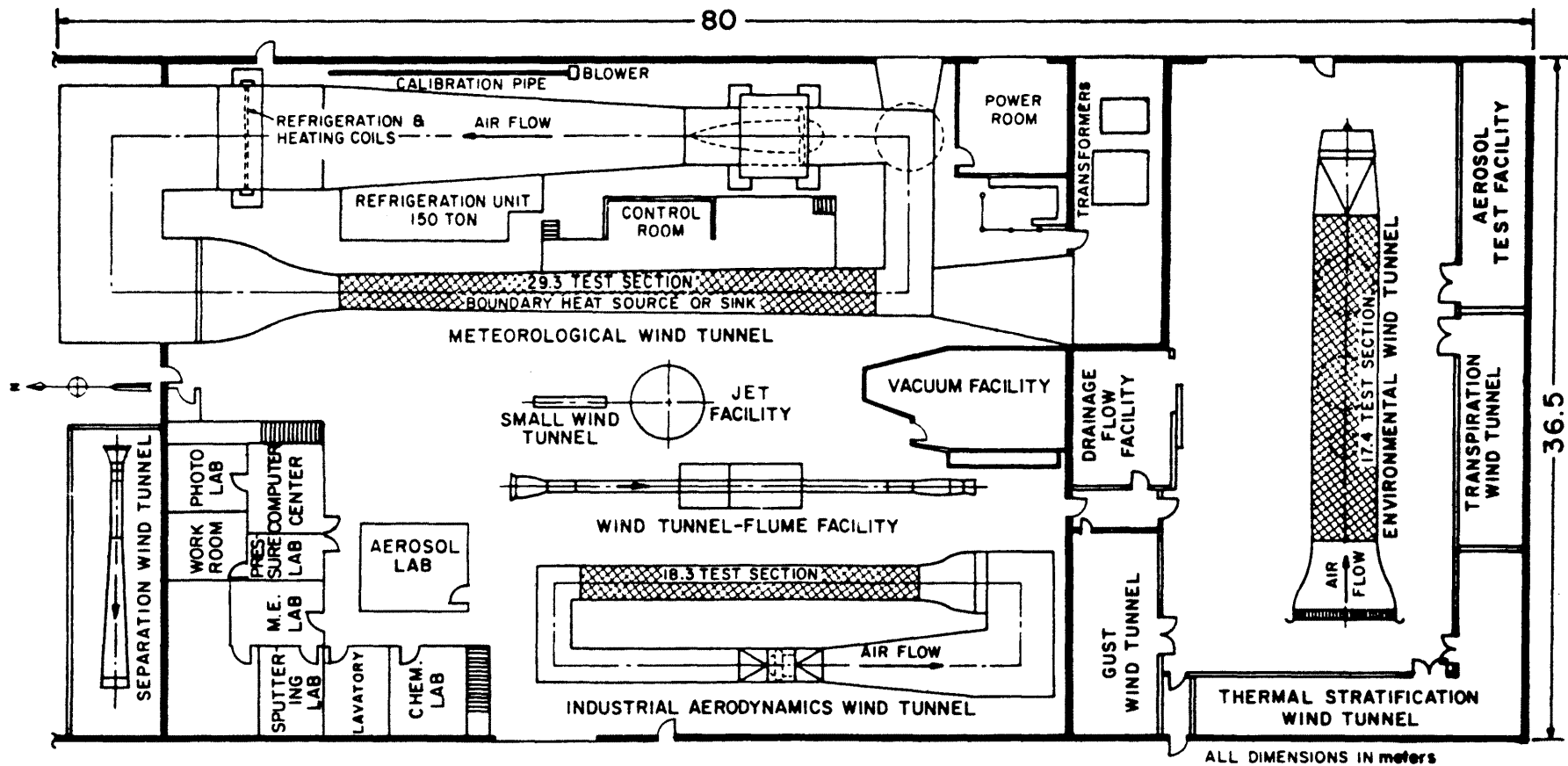
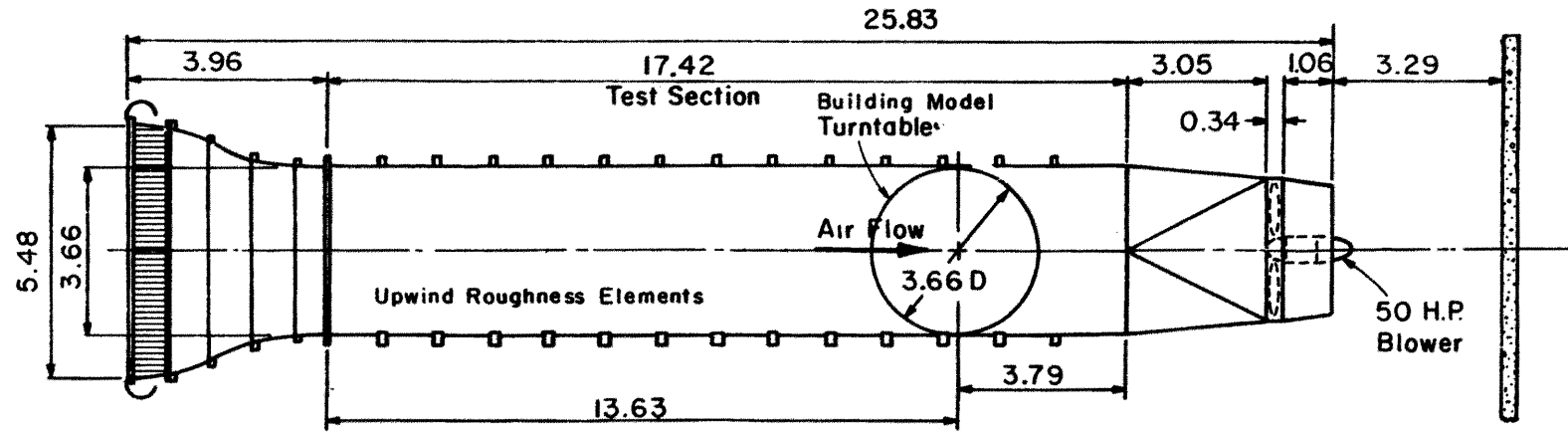
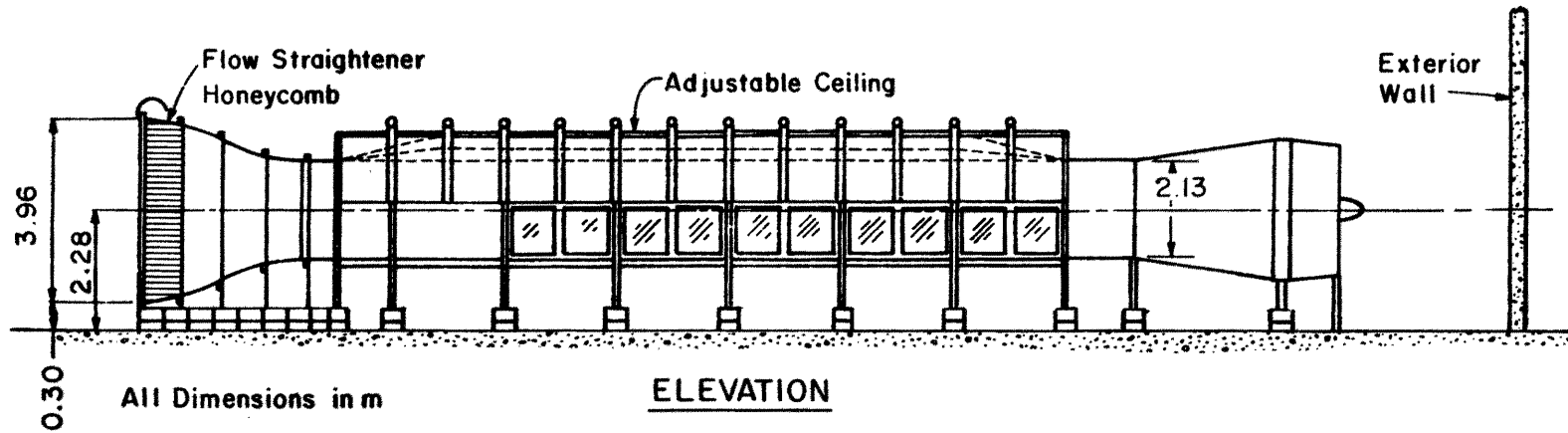


Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY  
COLORADO STATE UNIVERSITY



PLAN

Velocity Range: 0.3 - 11 m/s

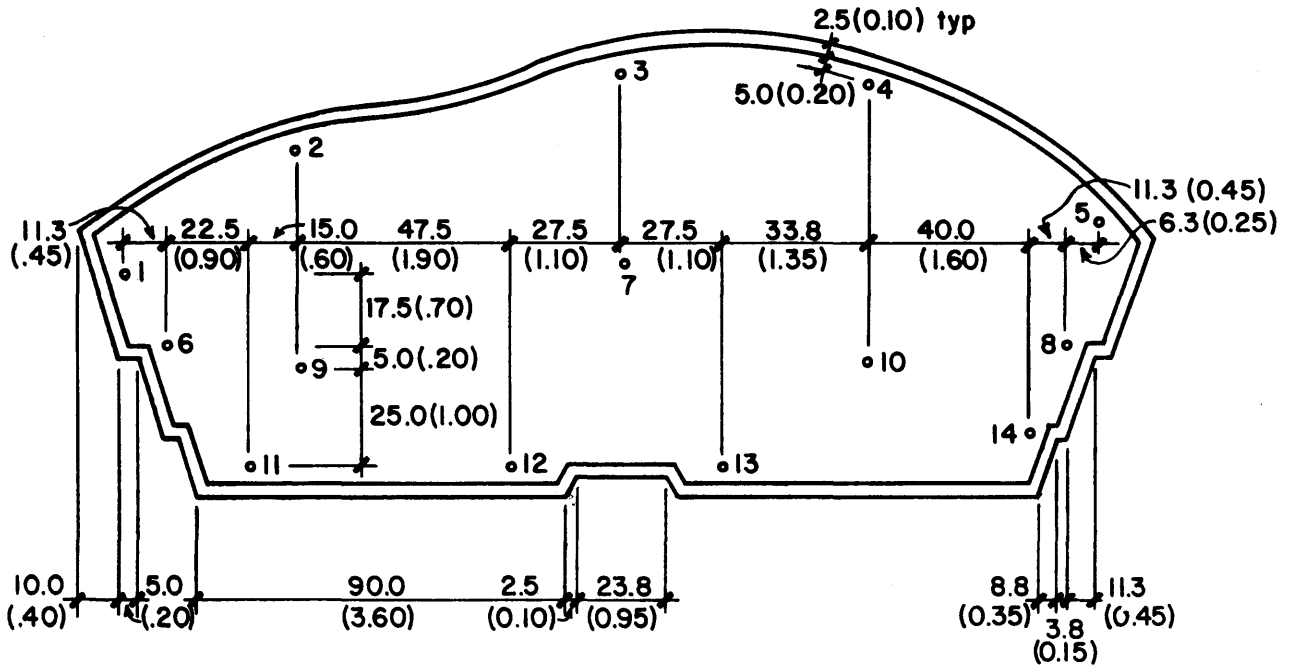


ELEVATION

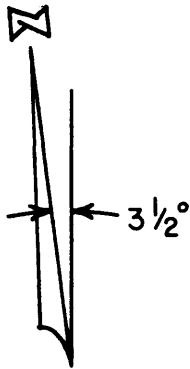
All Dimensions in m

## ENVIRONMENTAL WIND TUNNEL

Figure 2 - Wind-Tunnel Configuration



Roof Taps  
(14)



Model Scale = 1/300

Total Taps = 306

dimensions in full scale feet  
& model inches

Figure 3a. Pressure Tap Locations

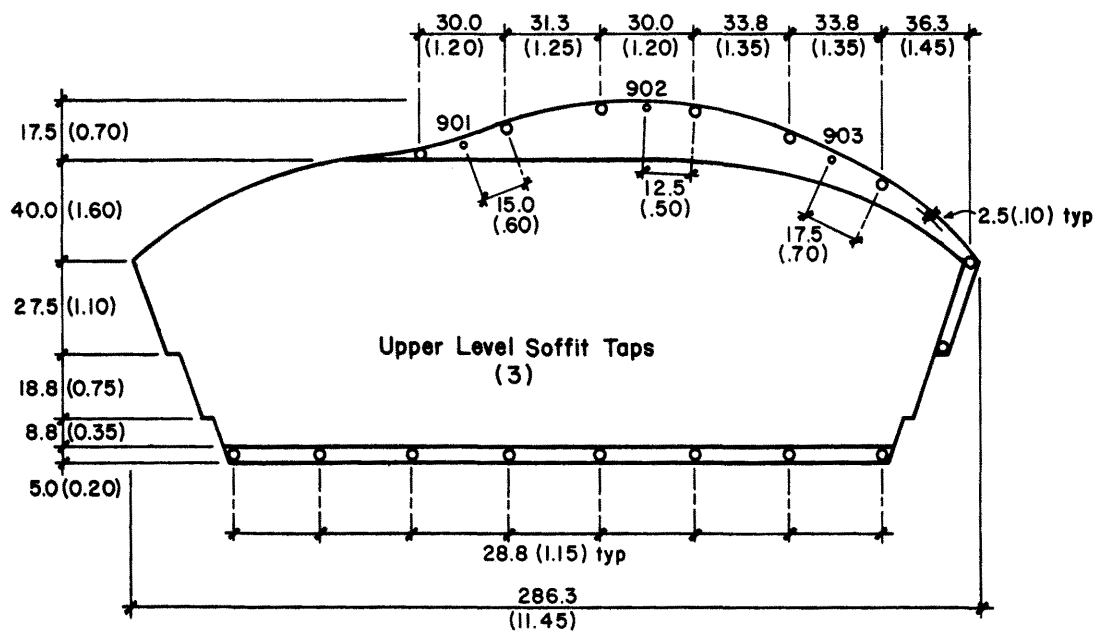
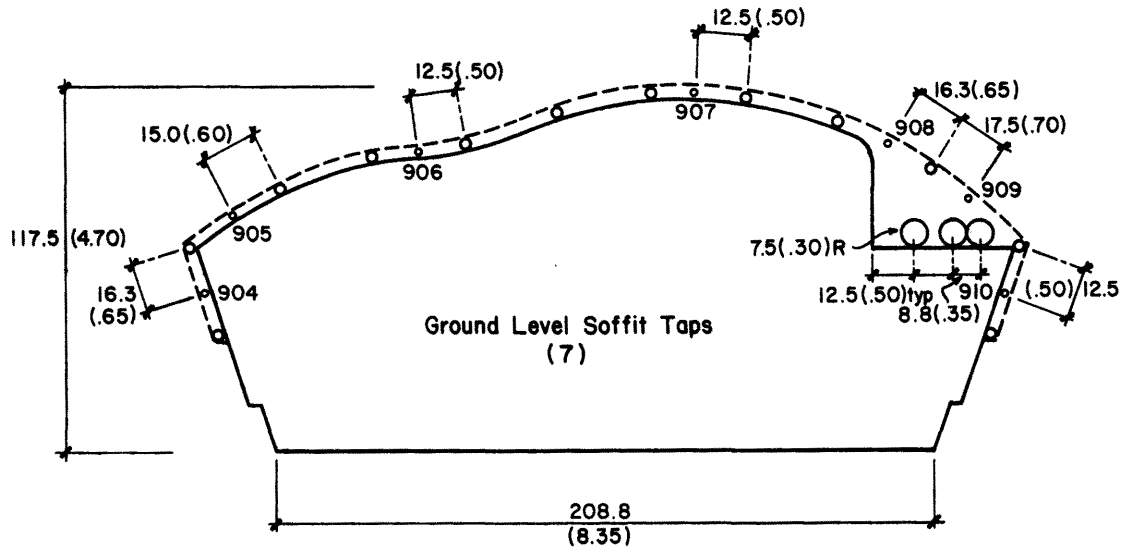
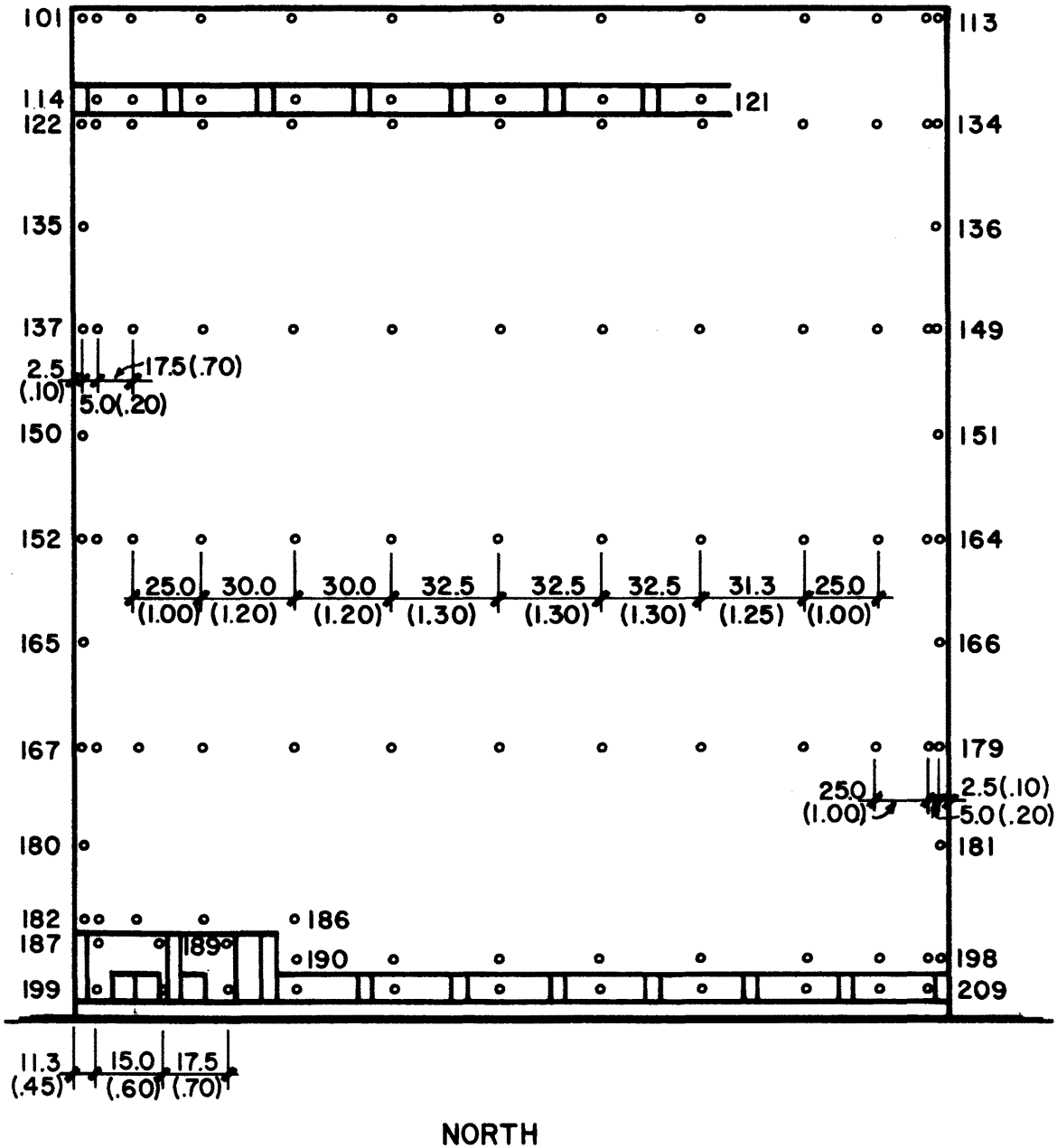


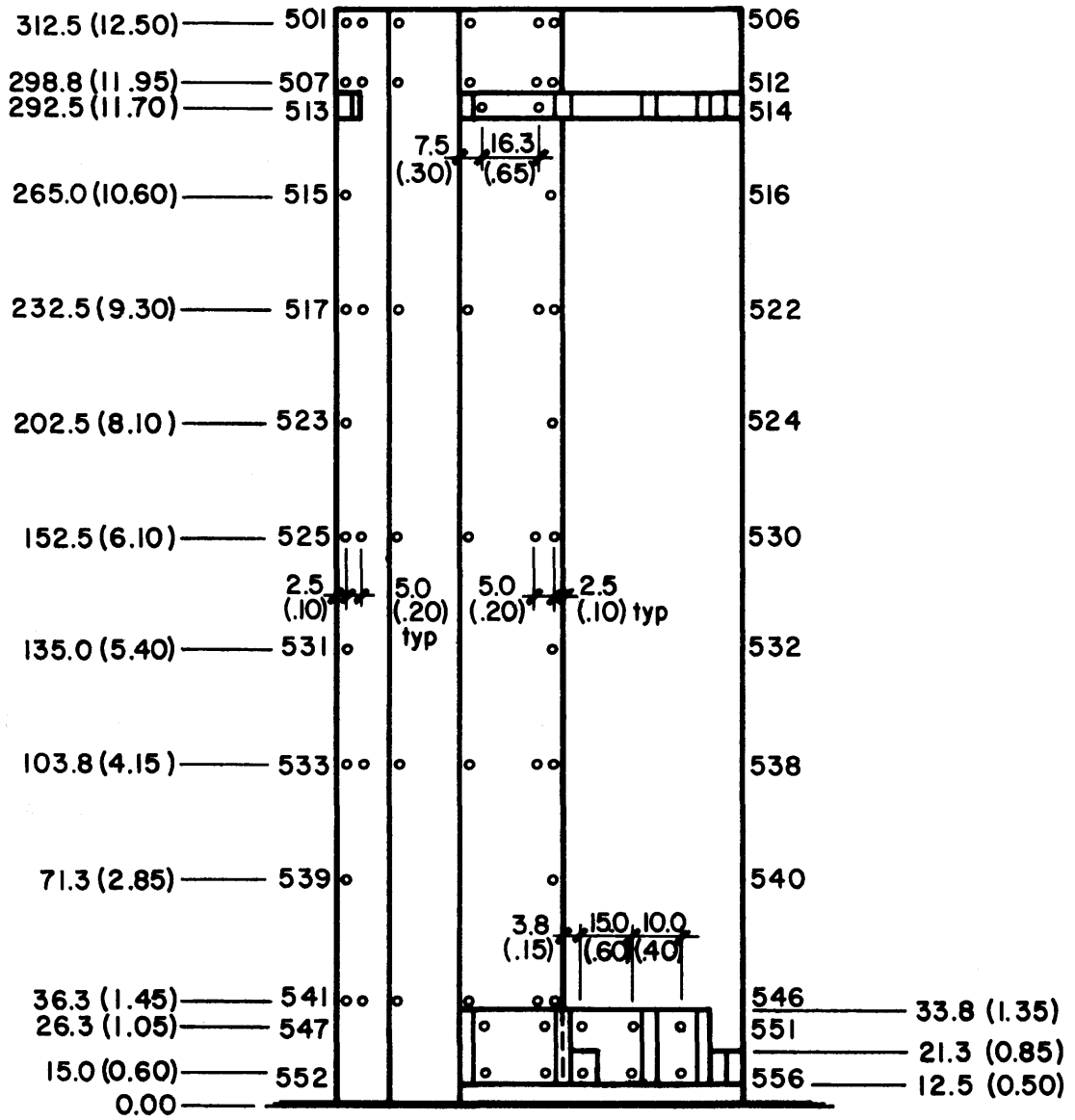
Figure 3b. Pressure Tap Locations



NOTE: dimensions given are actual face dimensions

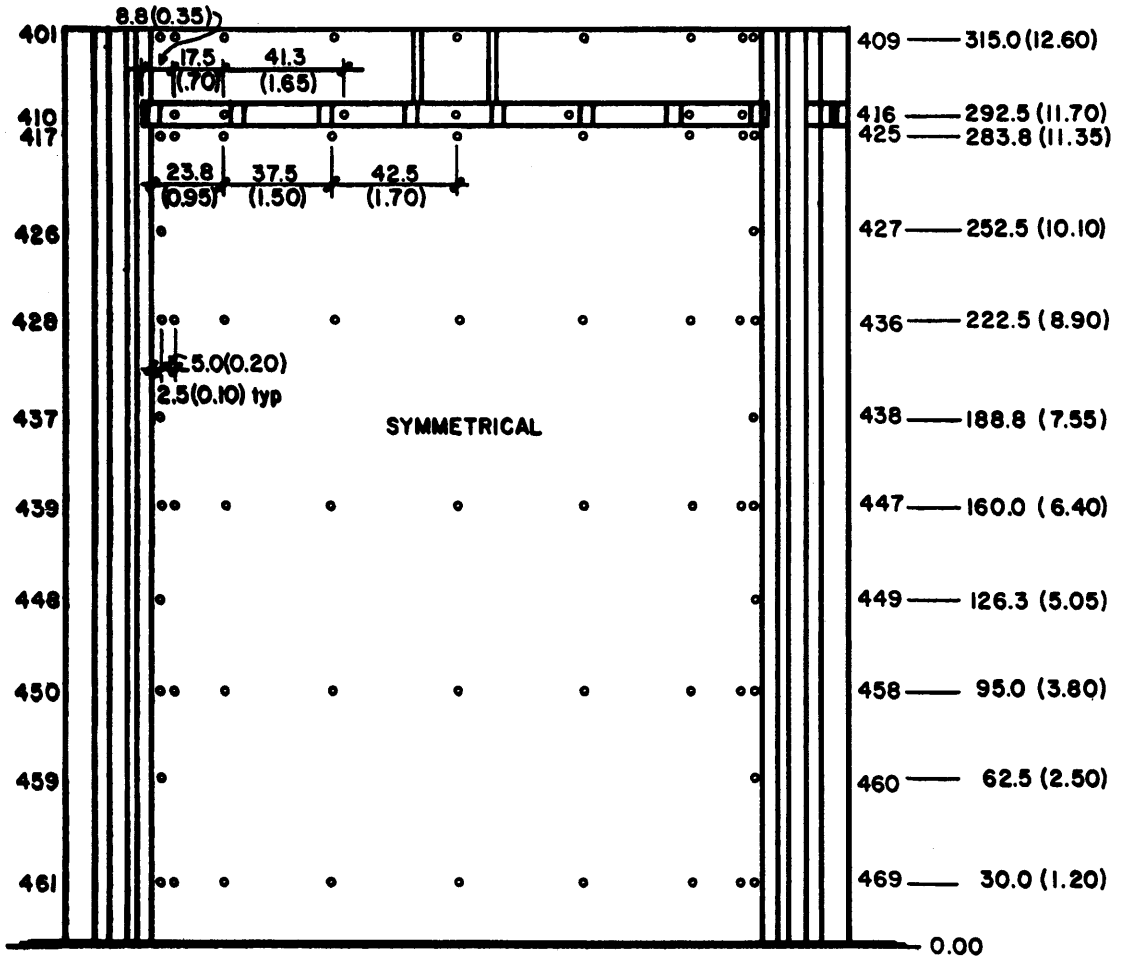
Figure 3c. Pressure Tap Locations





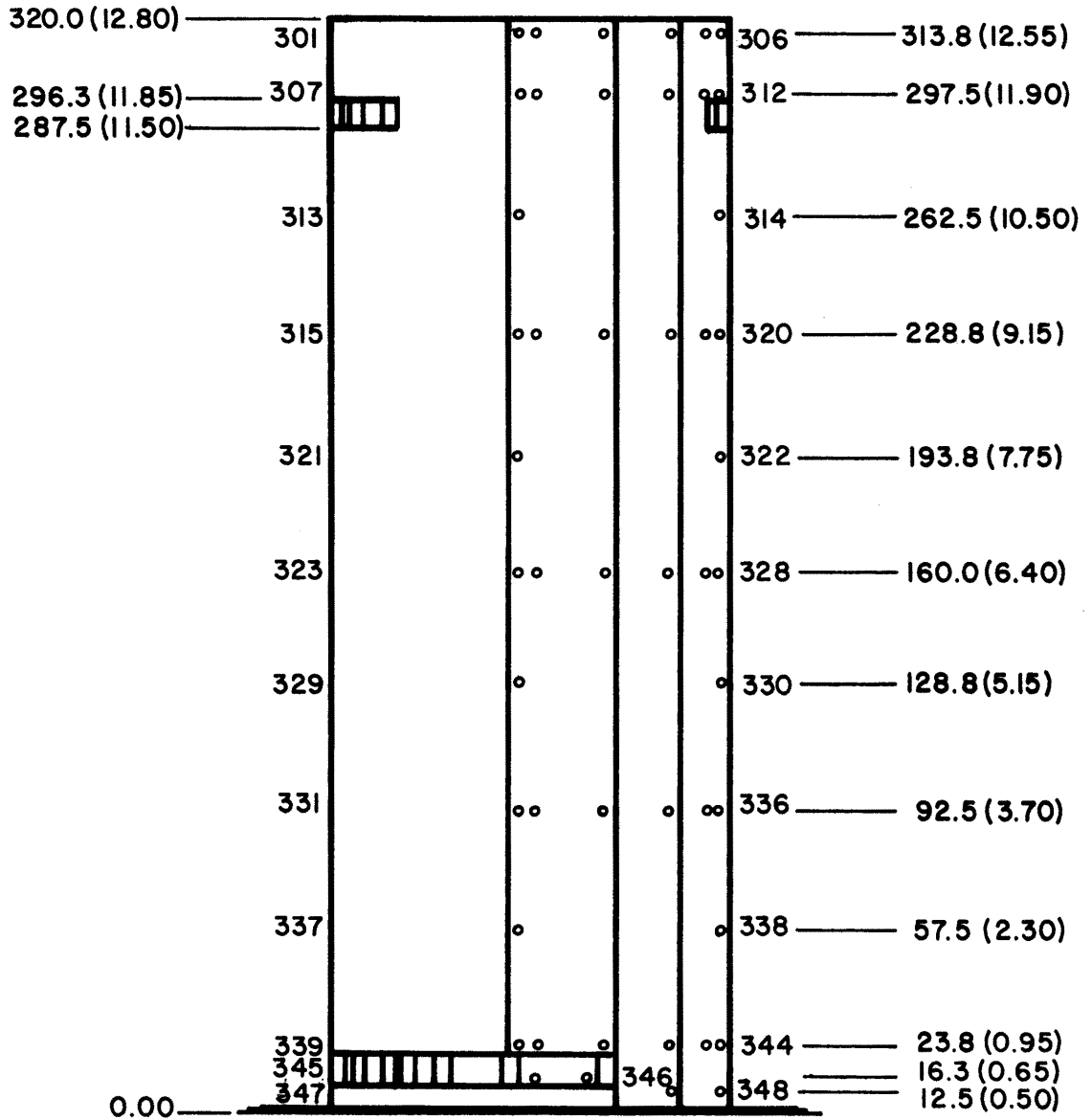
EAST

Figure 3d. Pressure Tap Locations



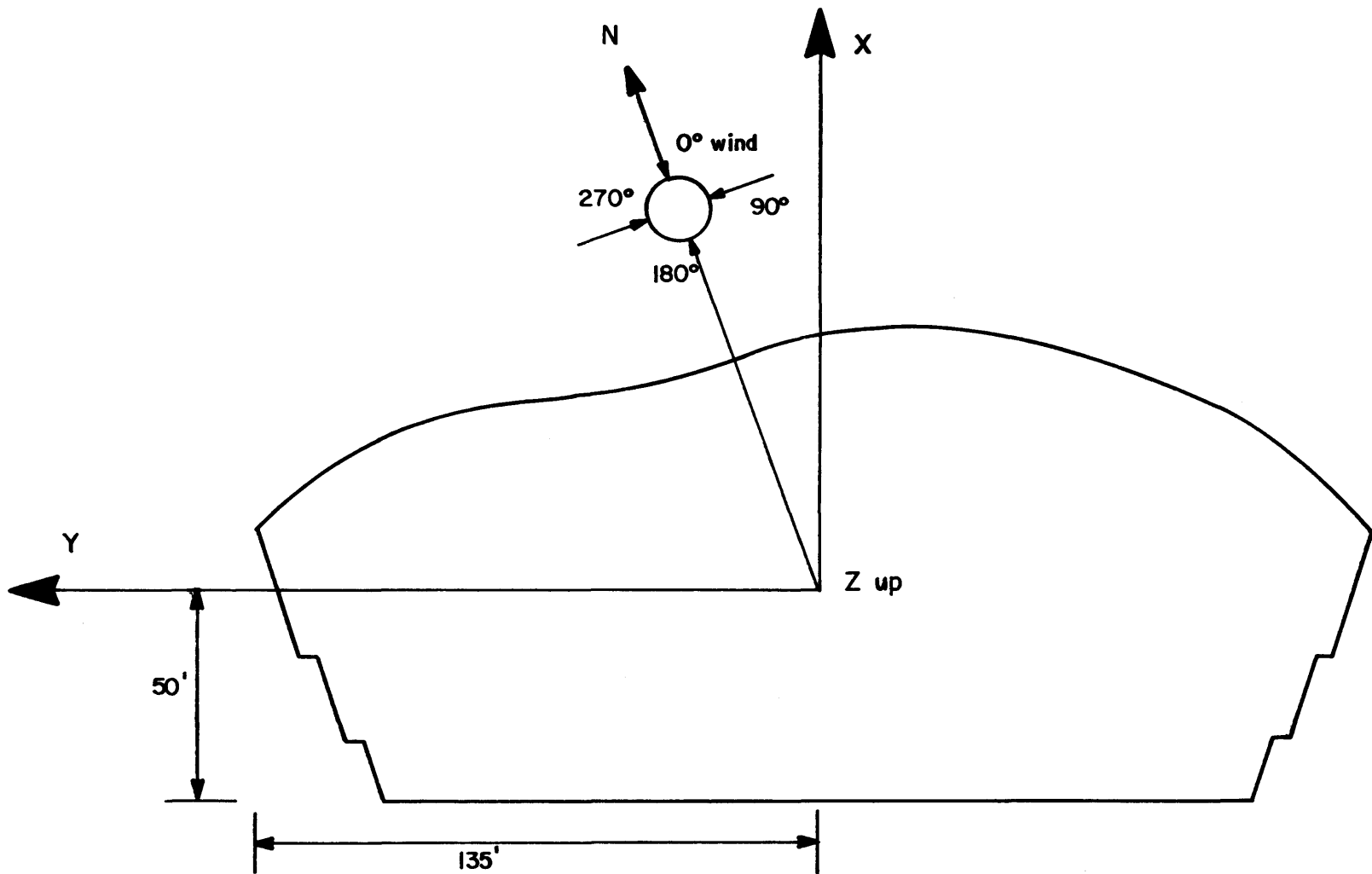
SOUTH

Figure 3e. Pressure Tap Locations



WEST

Figure 3f. Pressure Tap Locations



Z = 0 corresponds to 423' above sea level.

Figure 3g. Pressure Tap Locations

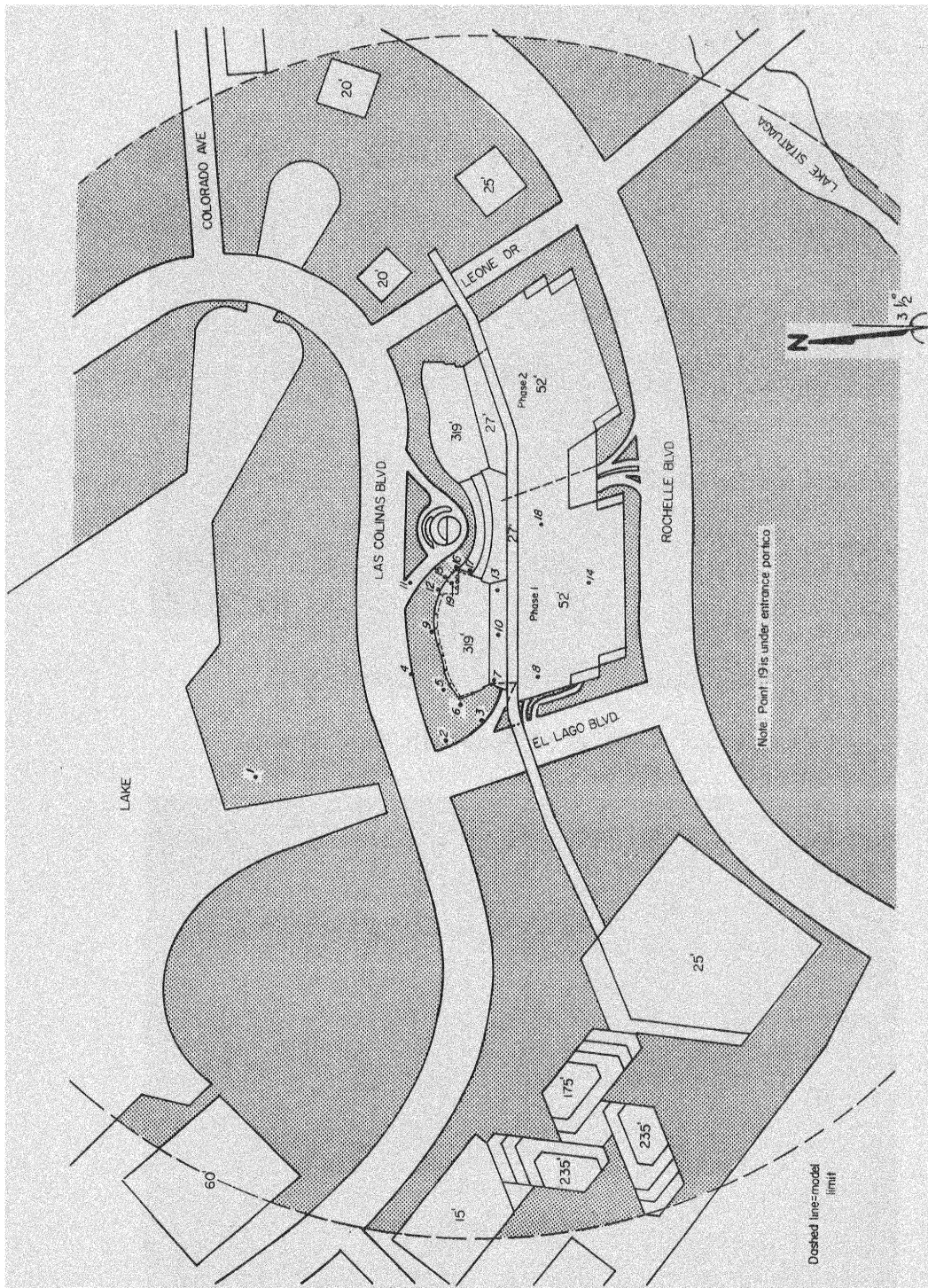


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

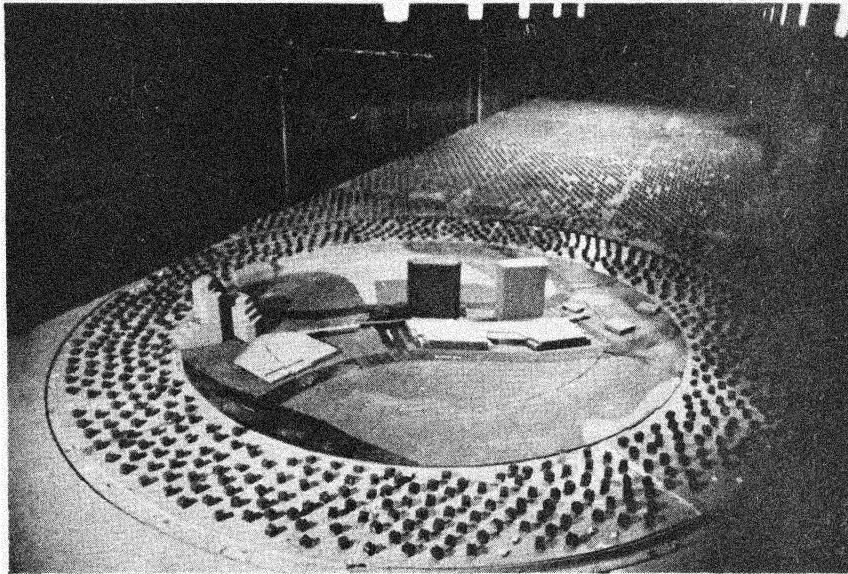


Figure 5. Completed Model in Wind Tunnel

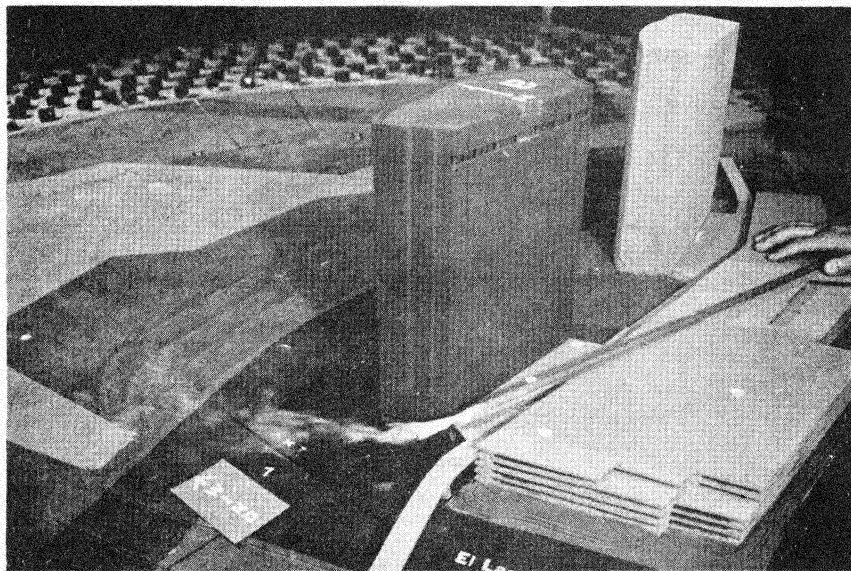
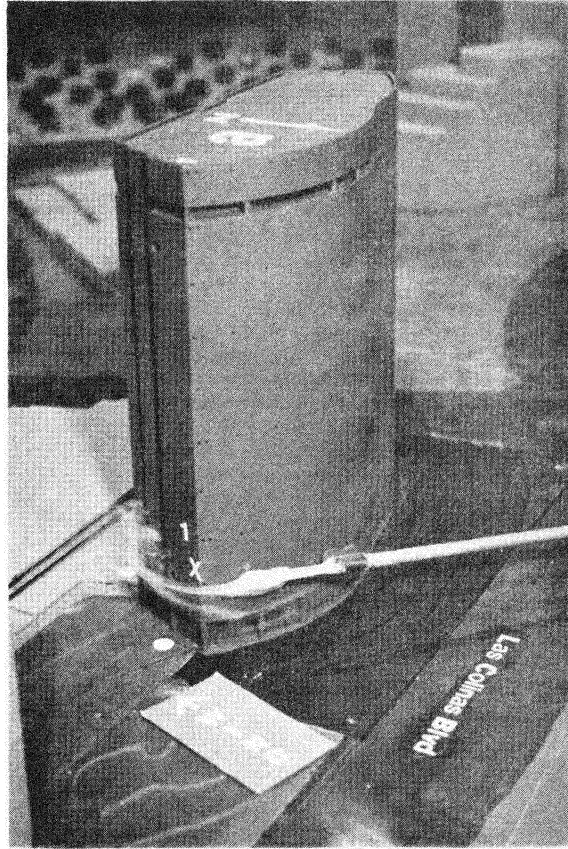


Figure 5. Completed Model in Wind Tunnel

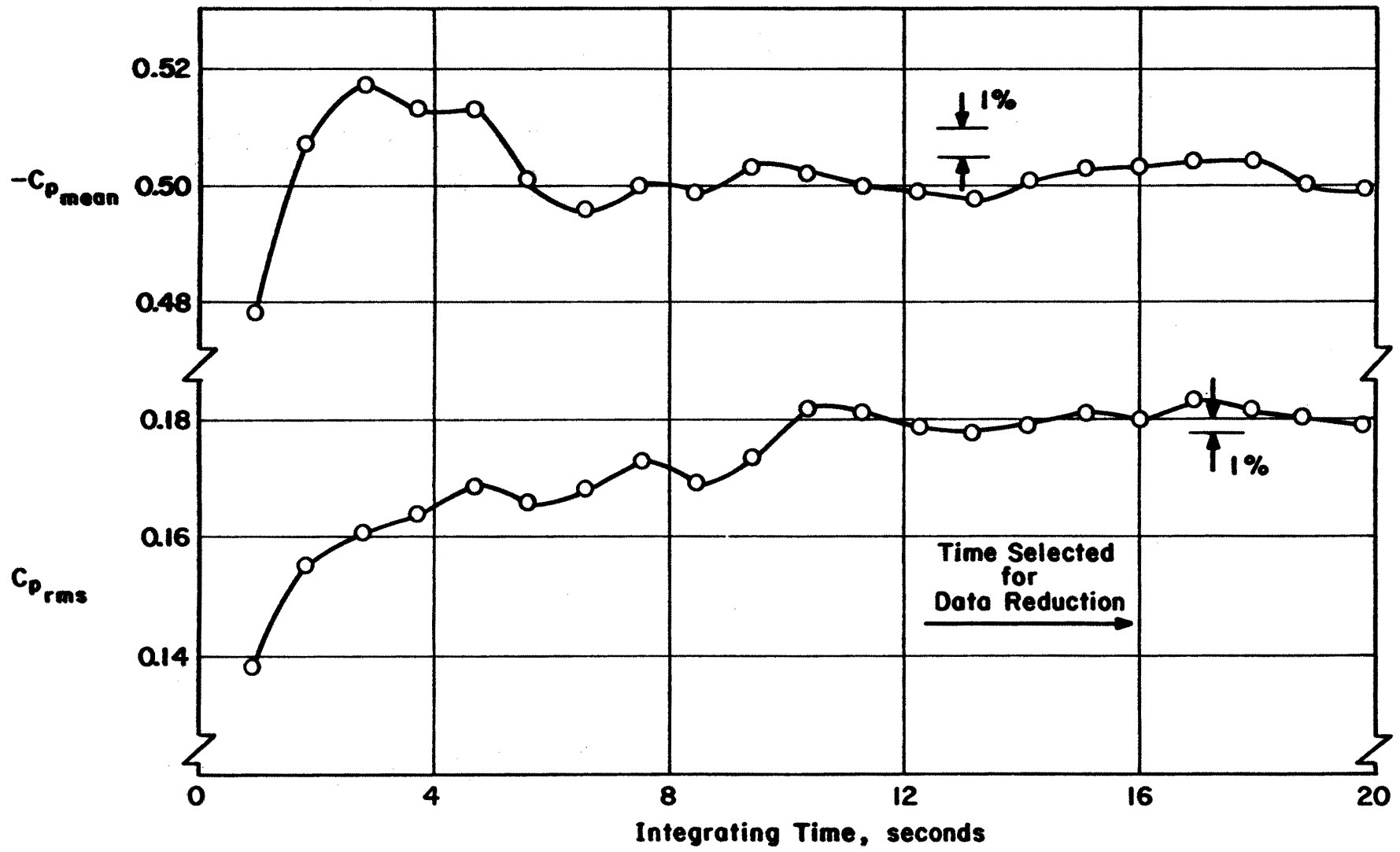


Figure 6- Data Sampling Time Verification



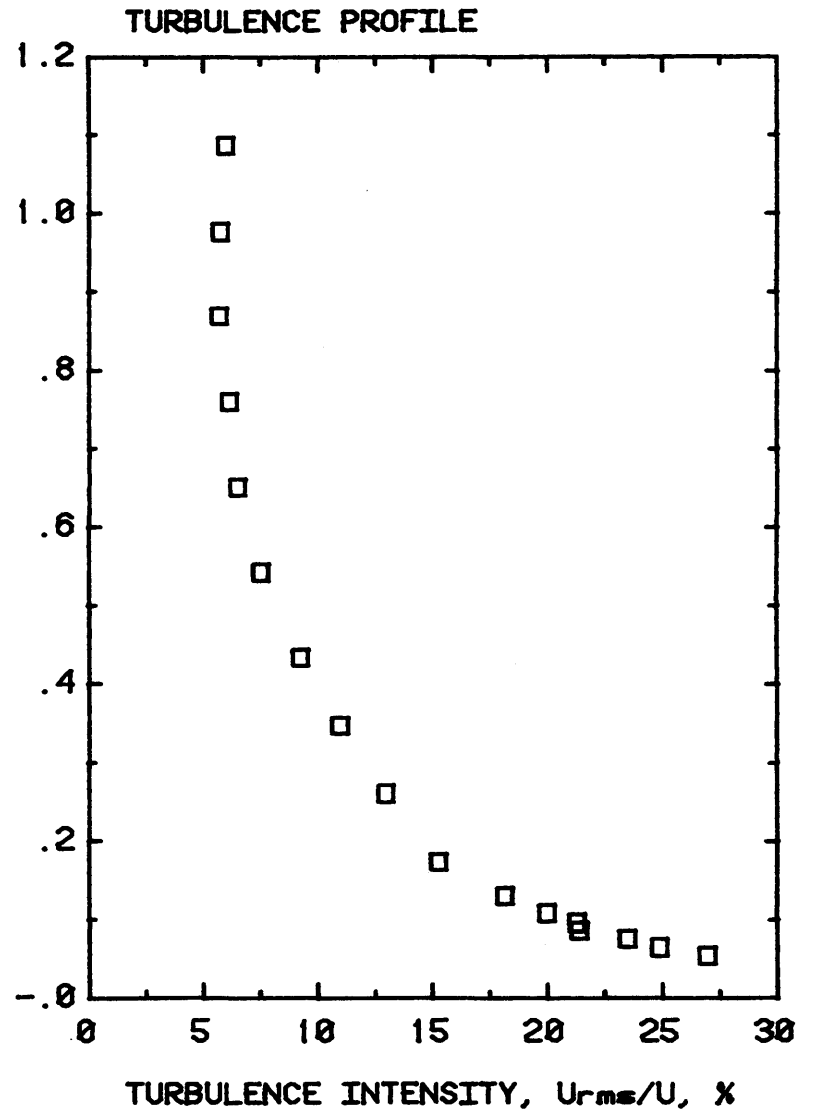
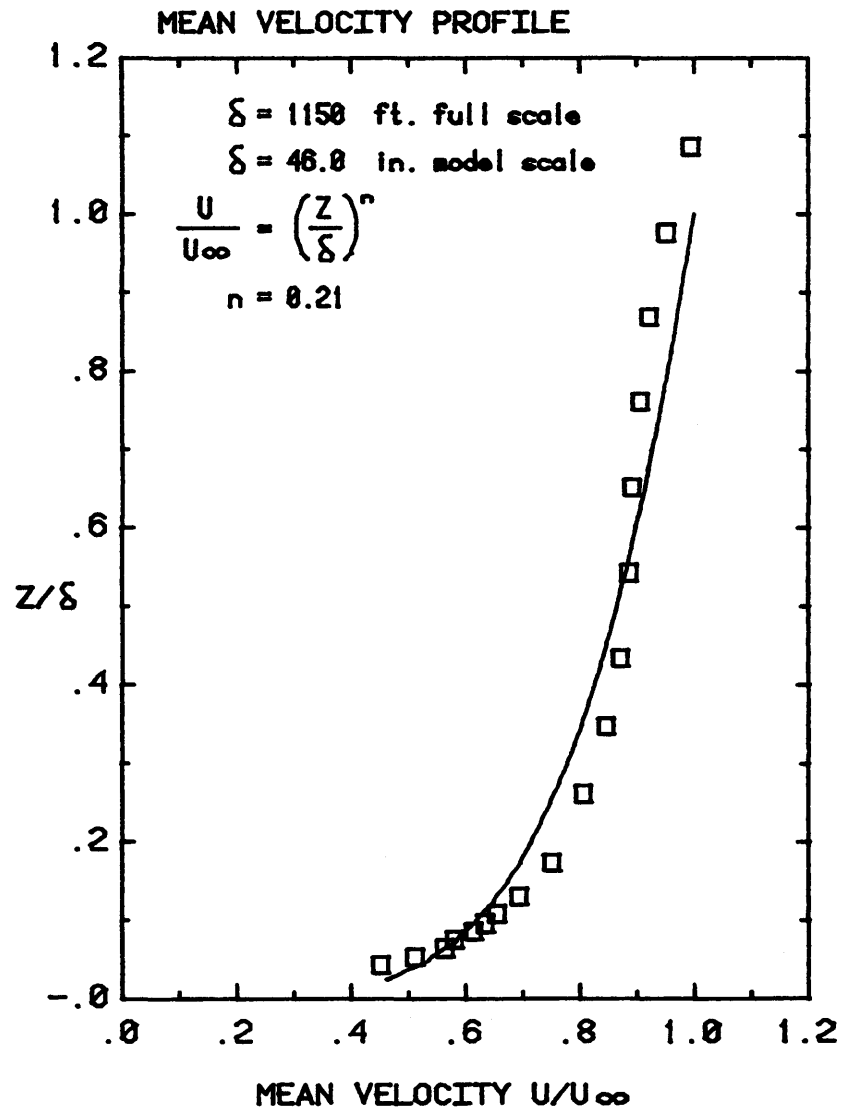


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

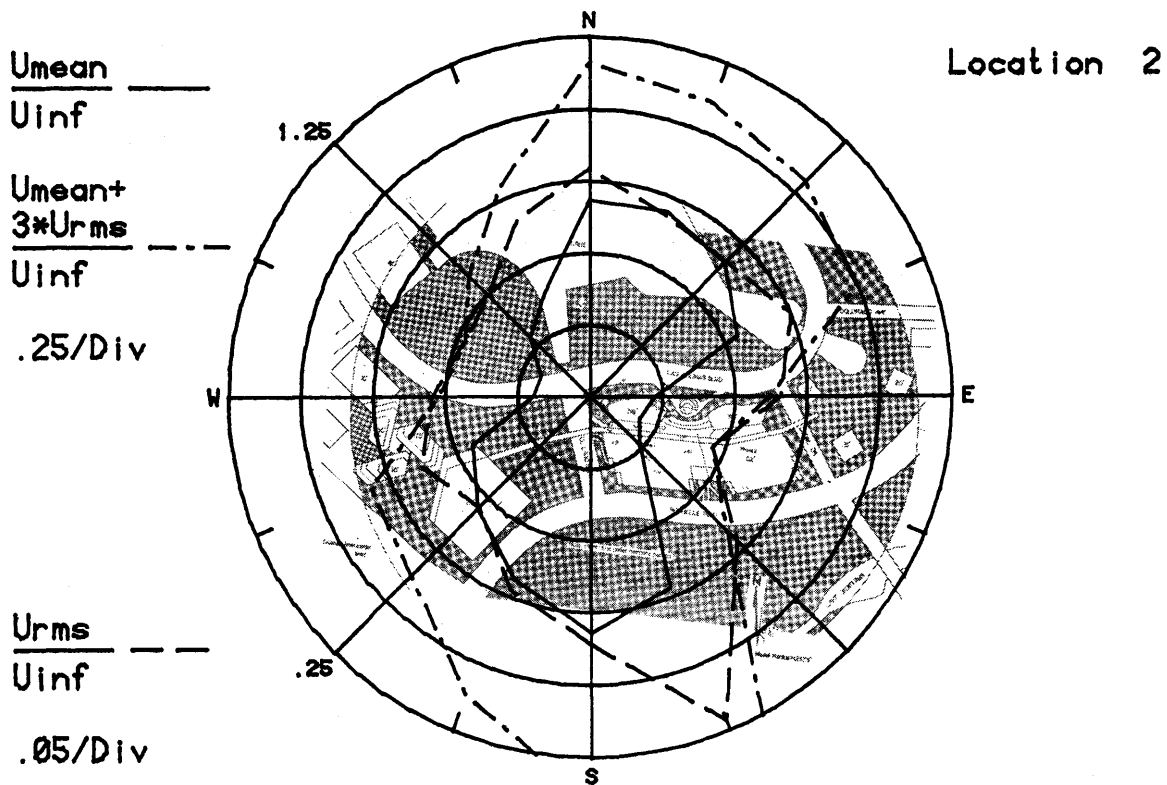
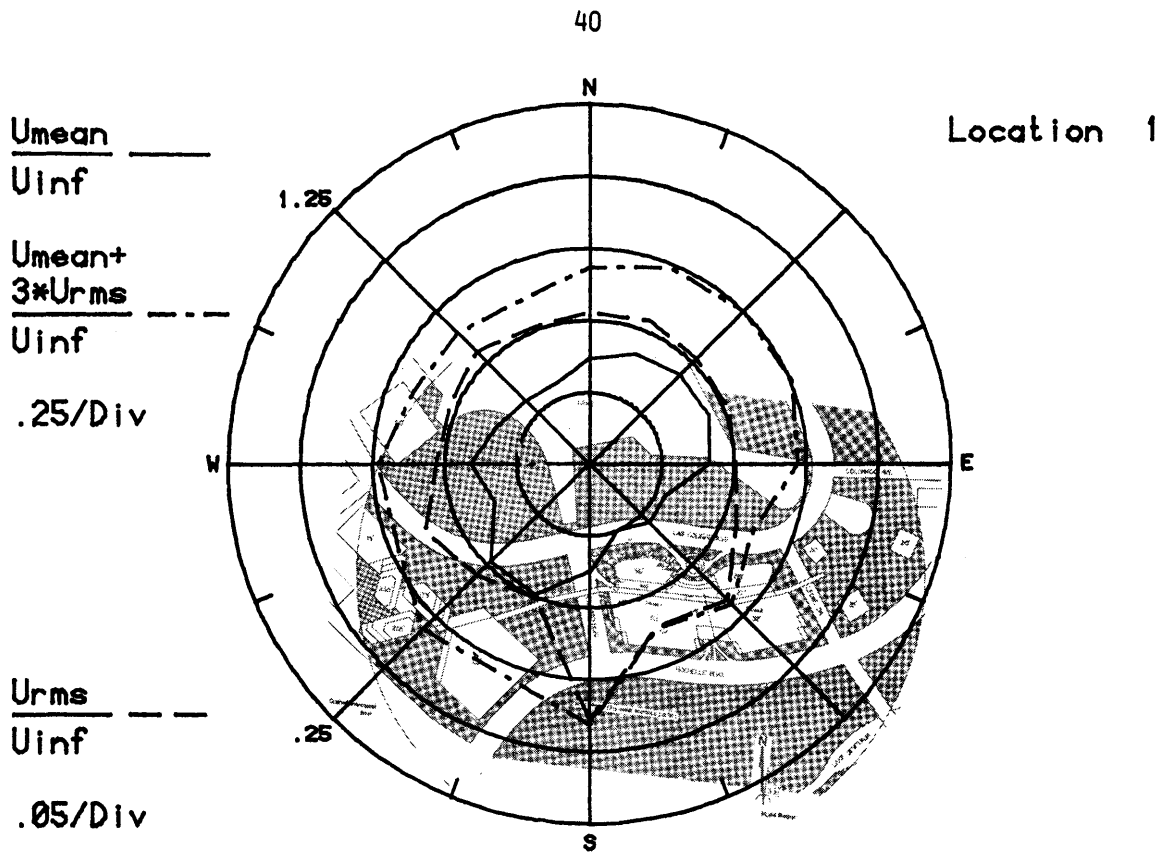


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

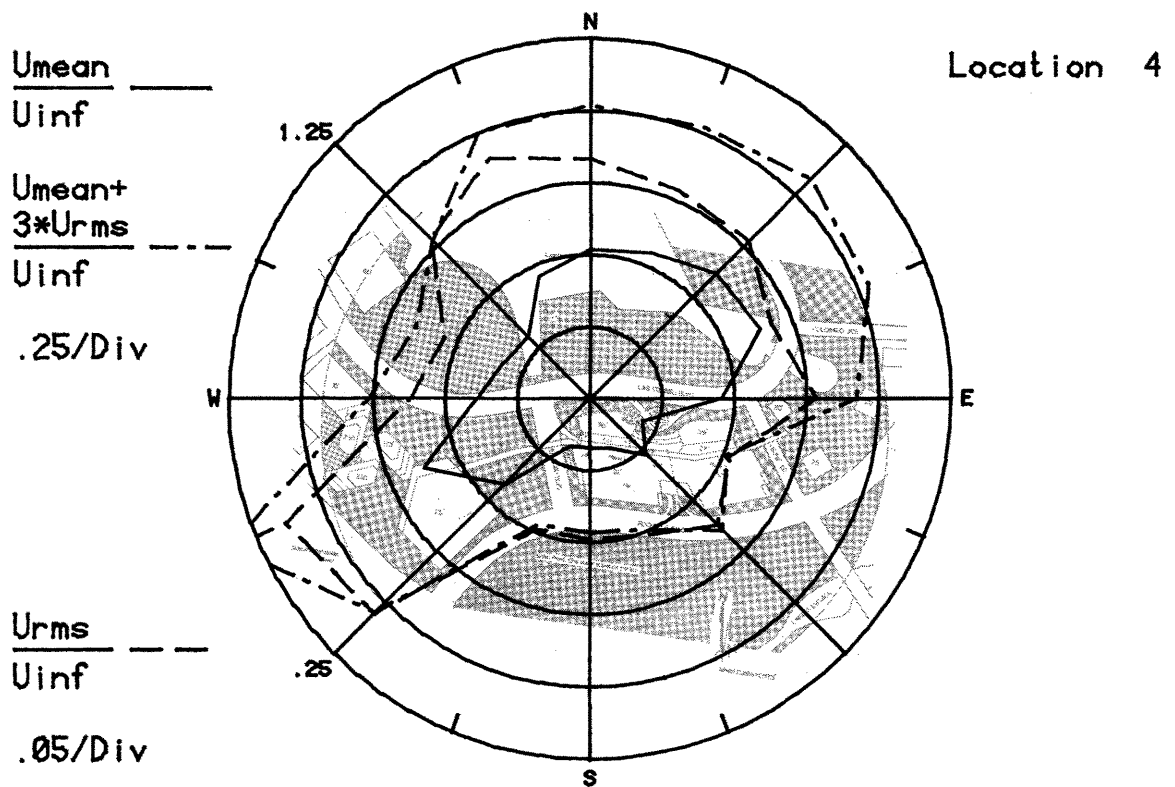
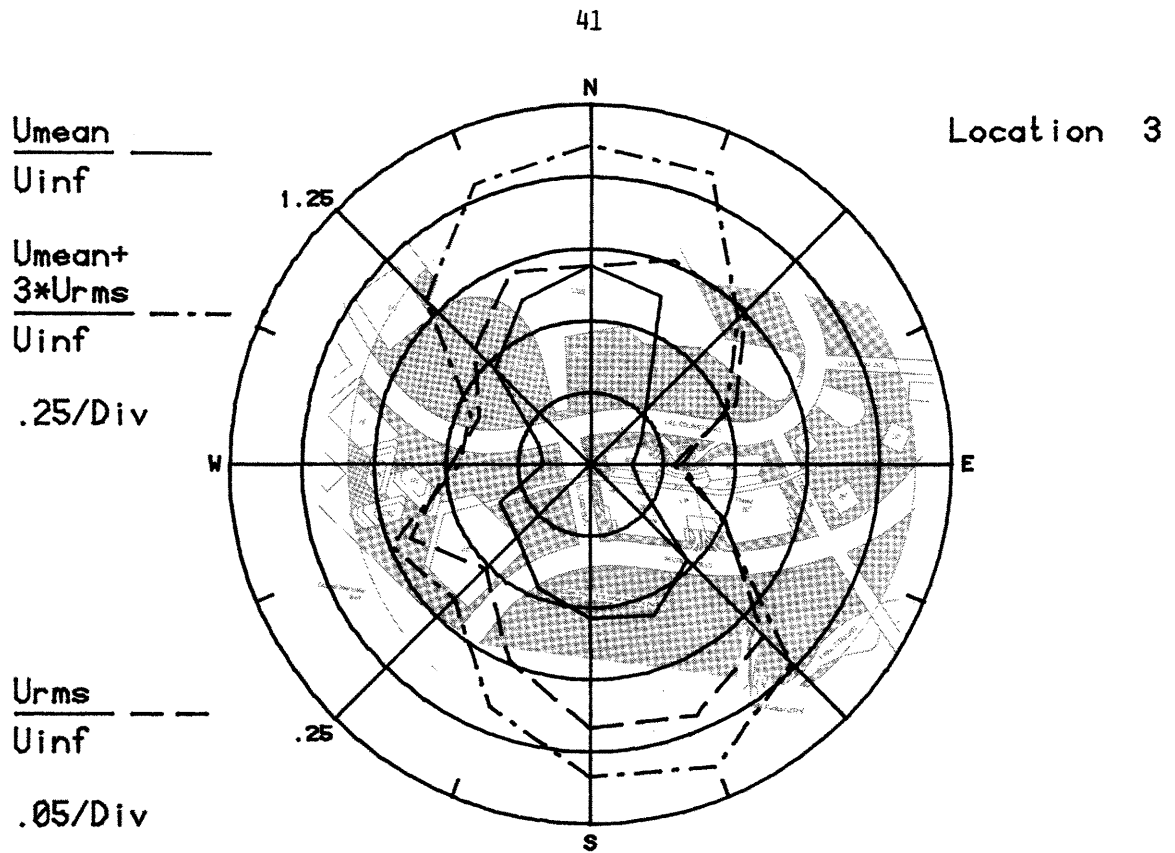
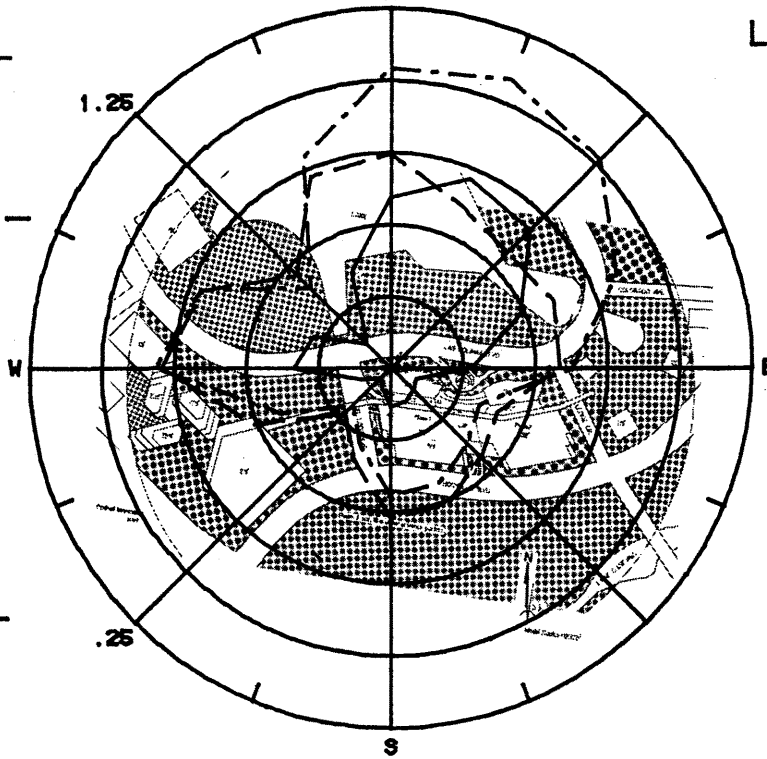


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

$\frac{U_{mean}}{U_{inf}}$  ———  
 $U_{inf}$

Location 5

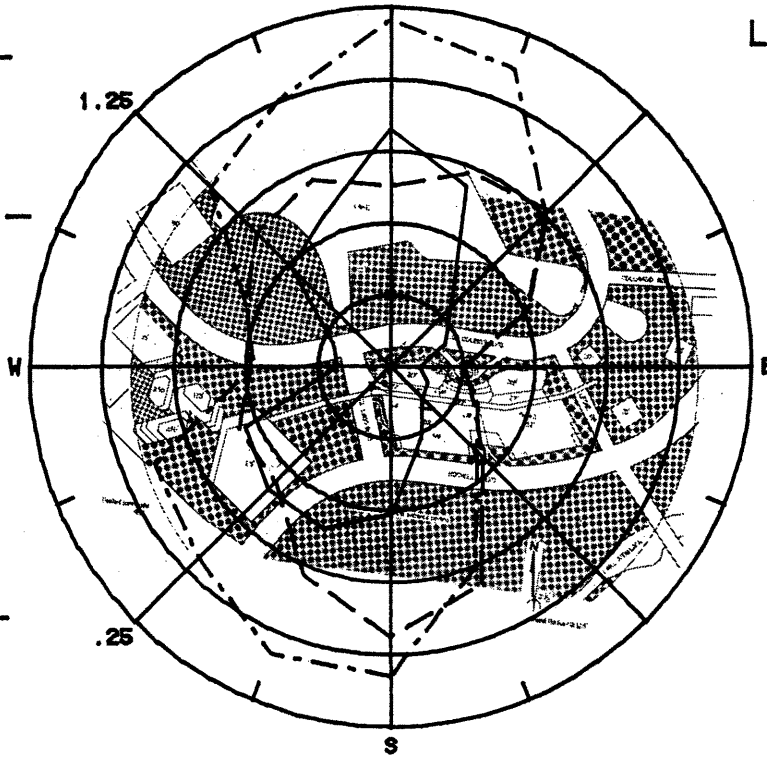
$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - -  
 $U_{inf}$   
.25/Div



$\frac{U_{mean}}{U_{inf}}$  ———  
 $U_{inf}$

Location 6

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - -  
 $U_{inf}$   
.25/Div



$\frac{U_{rms}}{U_{inf}}$  - - - -  
 $U_{inf}$   
.05/Div

Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

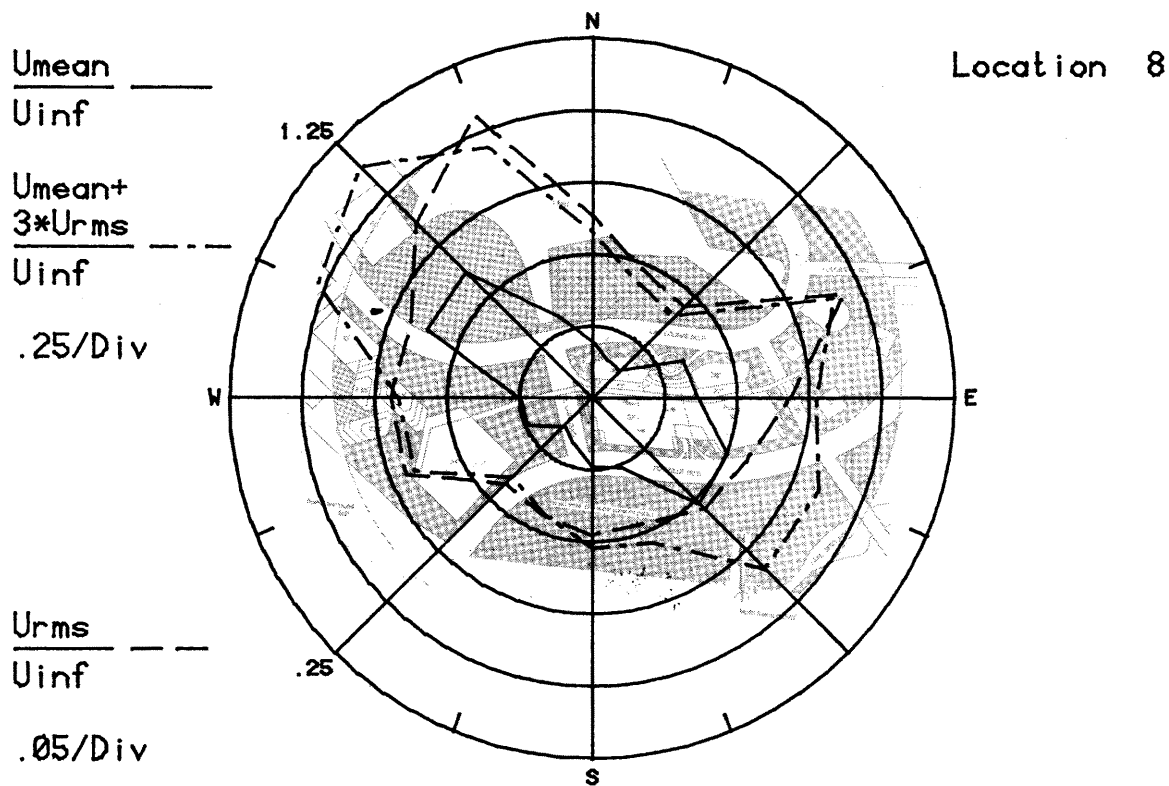
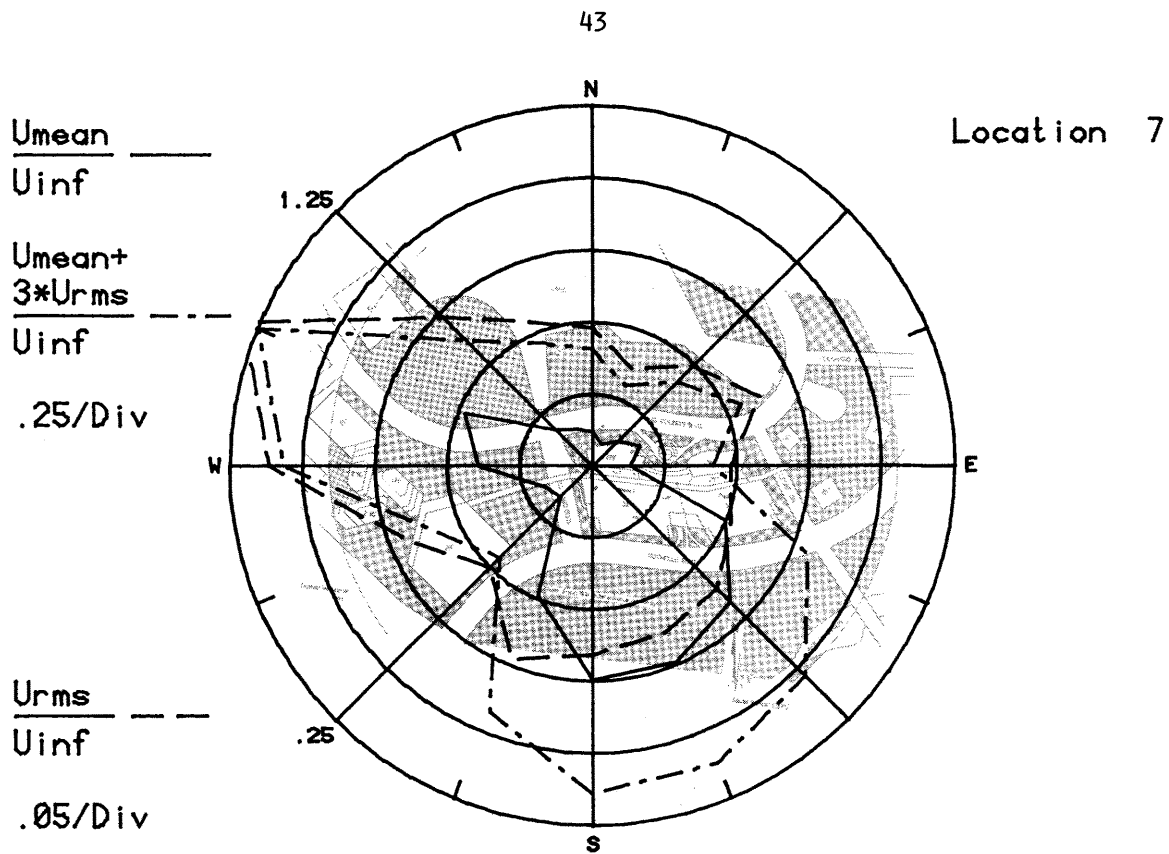


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

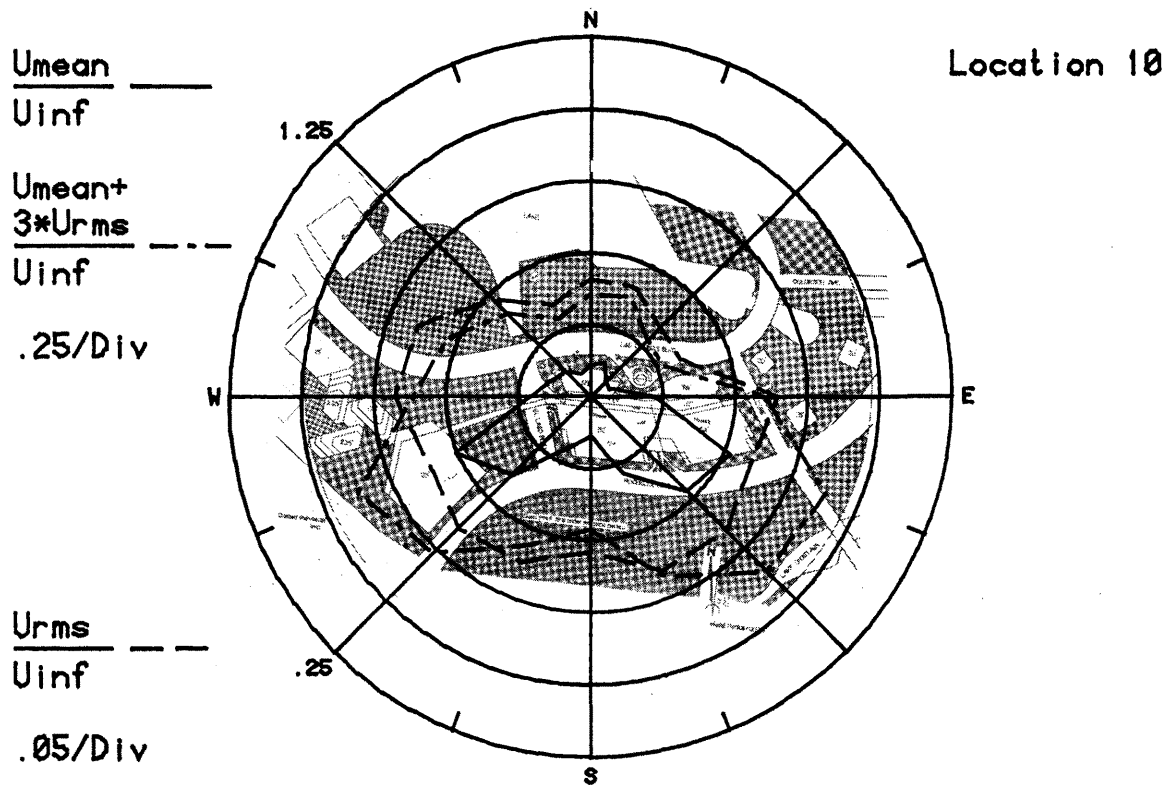
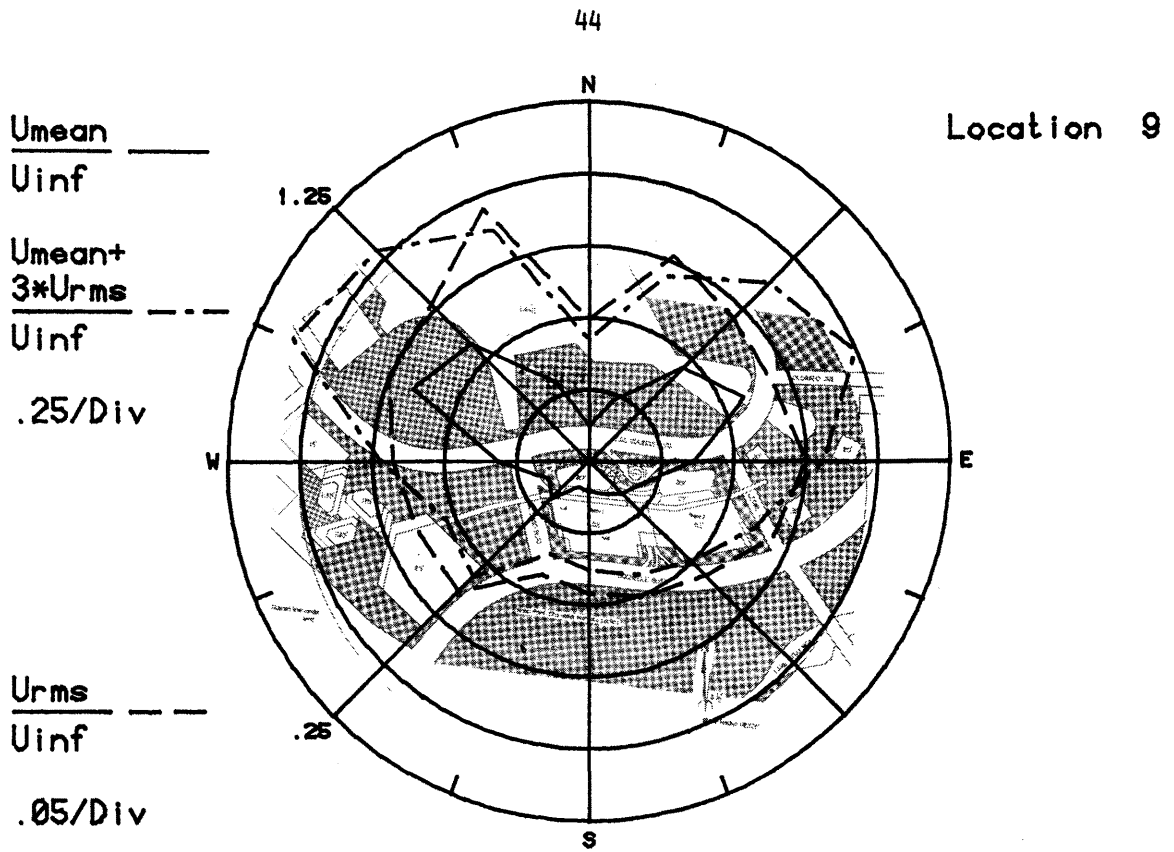


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10



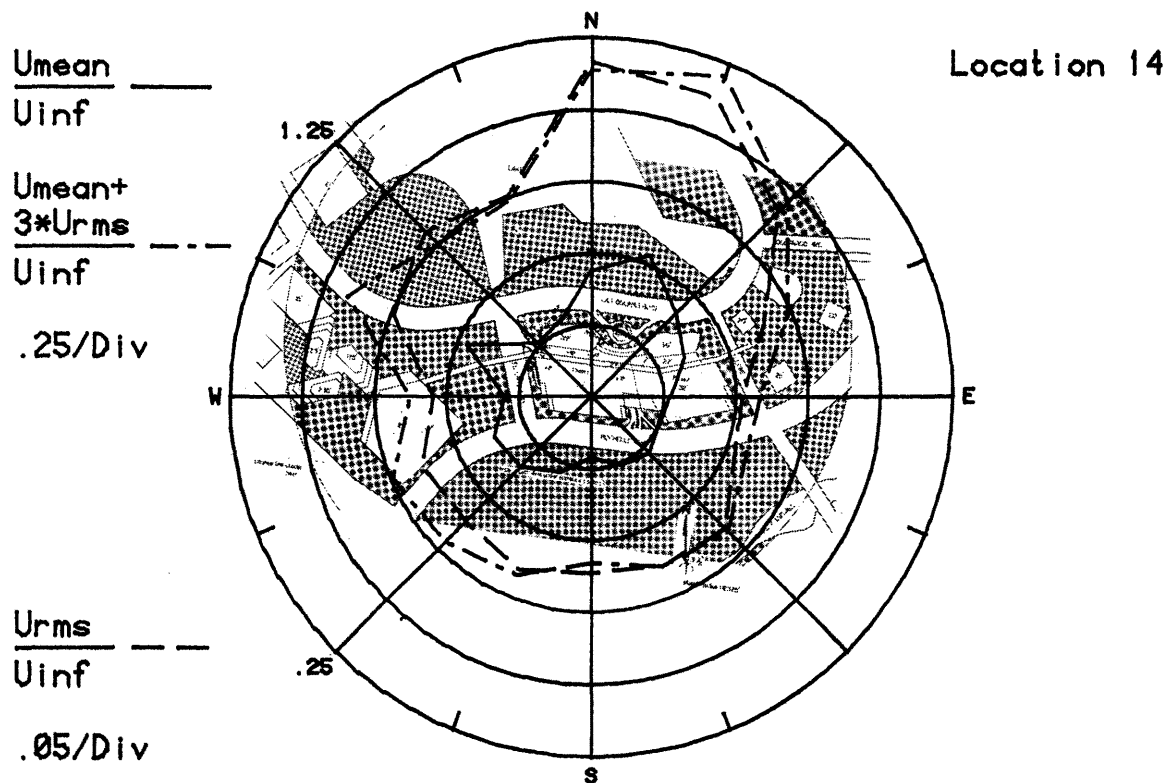
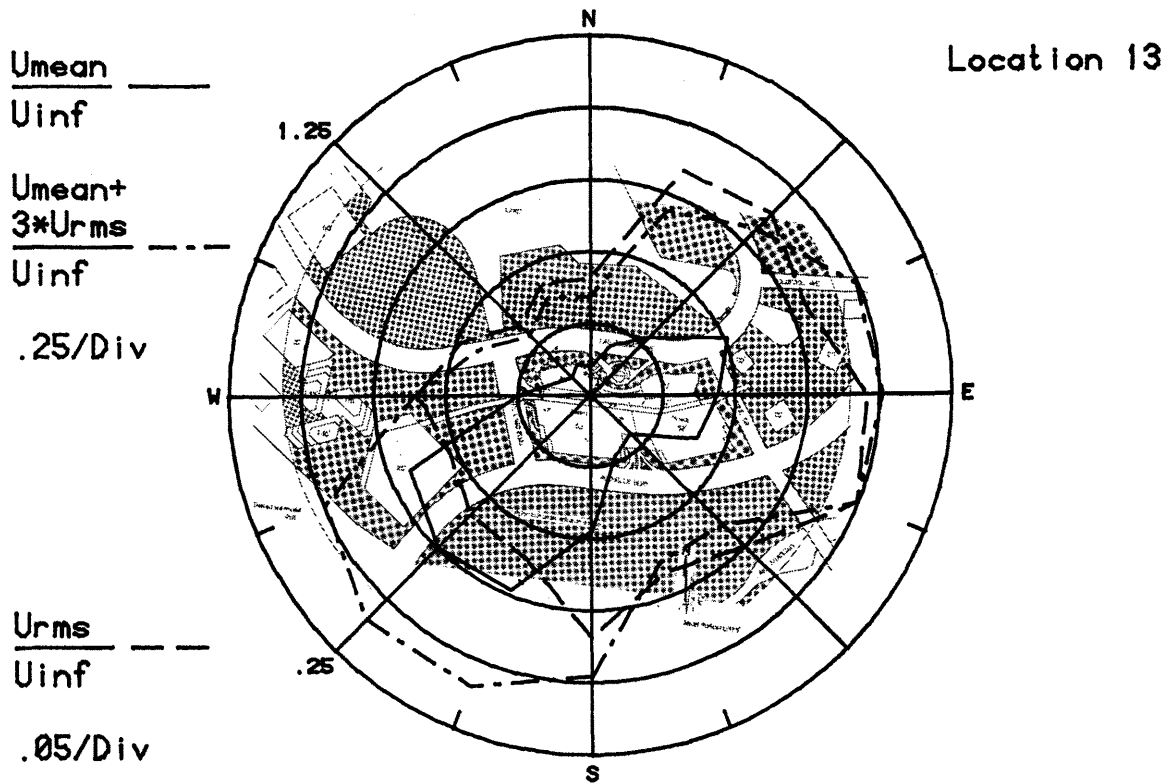


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14



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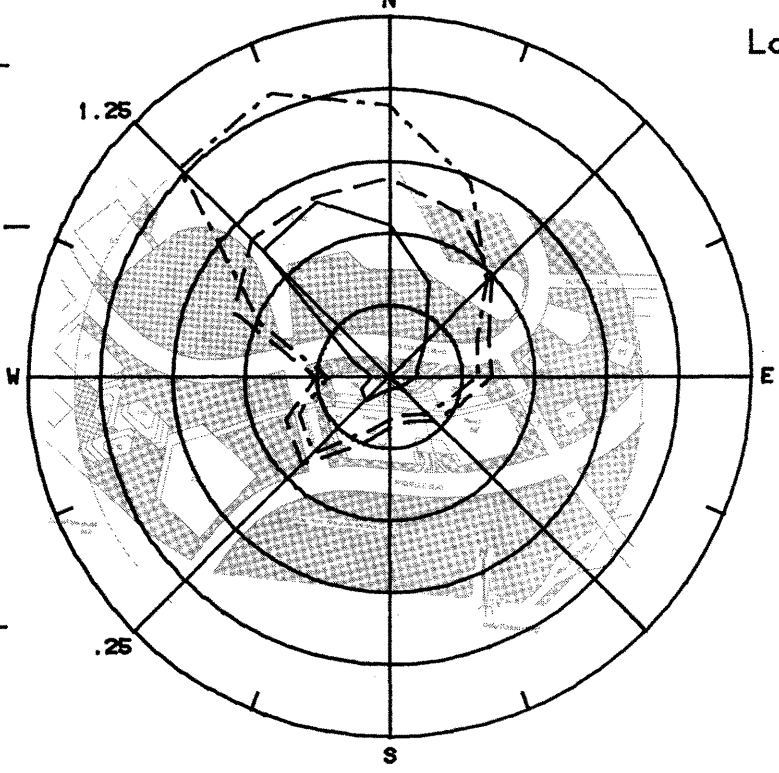
$\frac{U_{mean} + 3 * U_{rms}}{U_{inf}}$  - - - -

$\frac{U_{rms}}{U_{inf}}$  - - - -

.25/Div

.05/Div

Location 15



$\frac{U_{mean}}{U_{inf}}$  ———

$\frac{U_{mean} + 3 * U_{rms}}{U_{inf}}$  - - - -

$\frac{U_{rms}}{U_{inf}}$  - - - -

.25/Div

.05/Div

Location 16

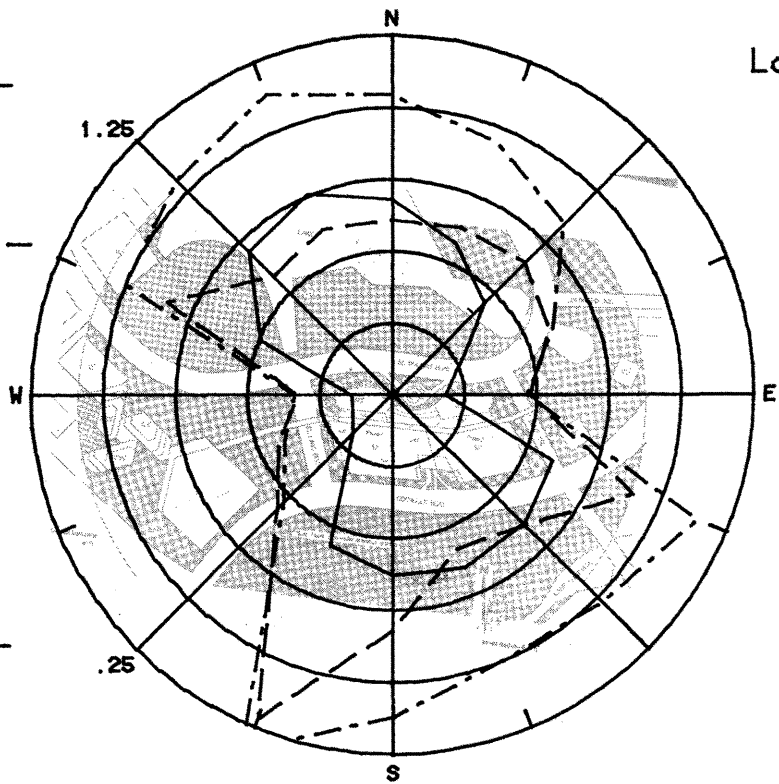


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

$\frac{U_{mean}}{U_{inf}}$  \_\_\_\_\_

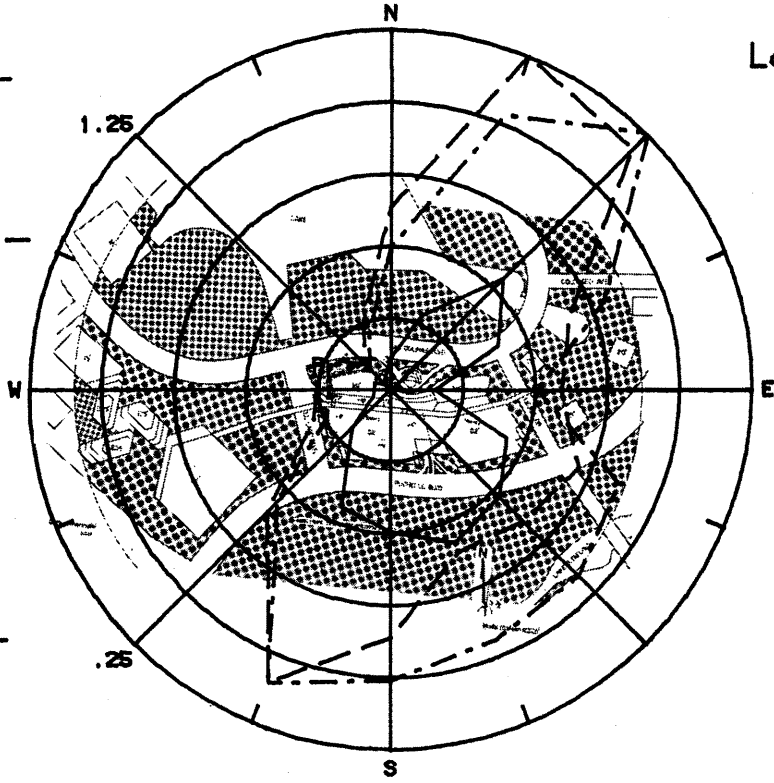
Location 17

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$  - - - - -

.05/Div



$\frac{U_{mean}}{U_{inf}}$  \_\_\_\_\_

Location 18

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - - -

.25/Div

$\frac{U_{rms}}{U_{inf}}$  - - - - -

.05/Div

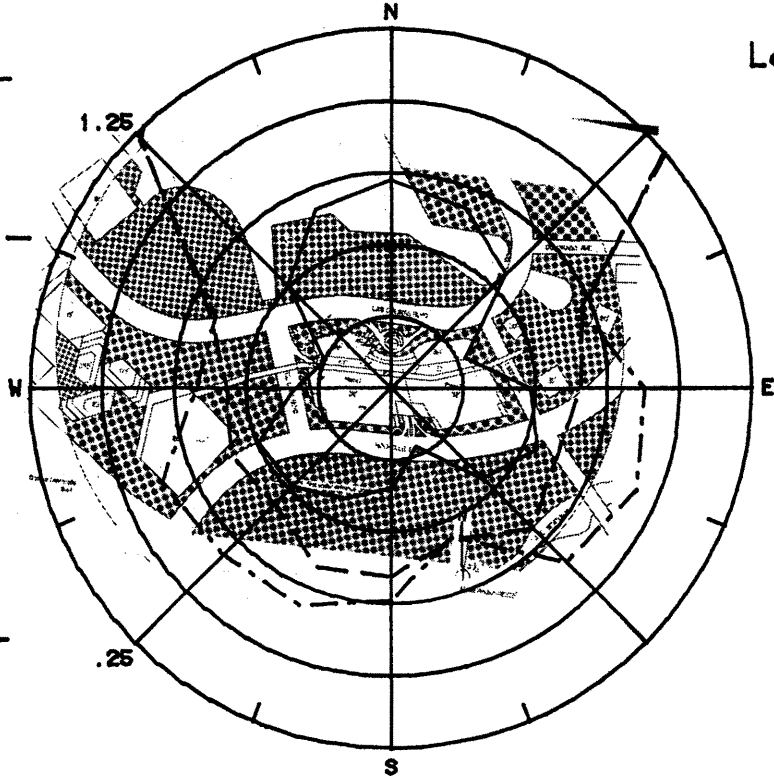


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

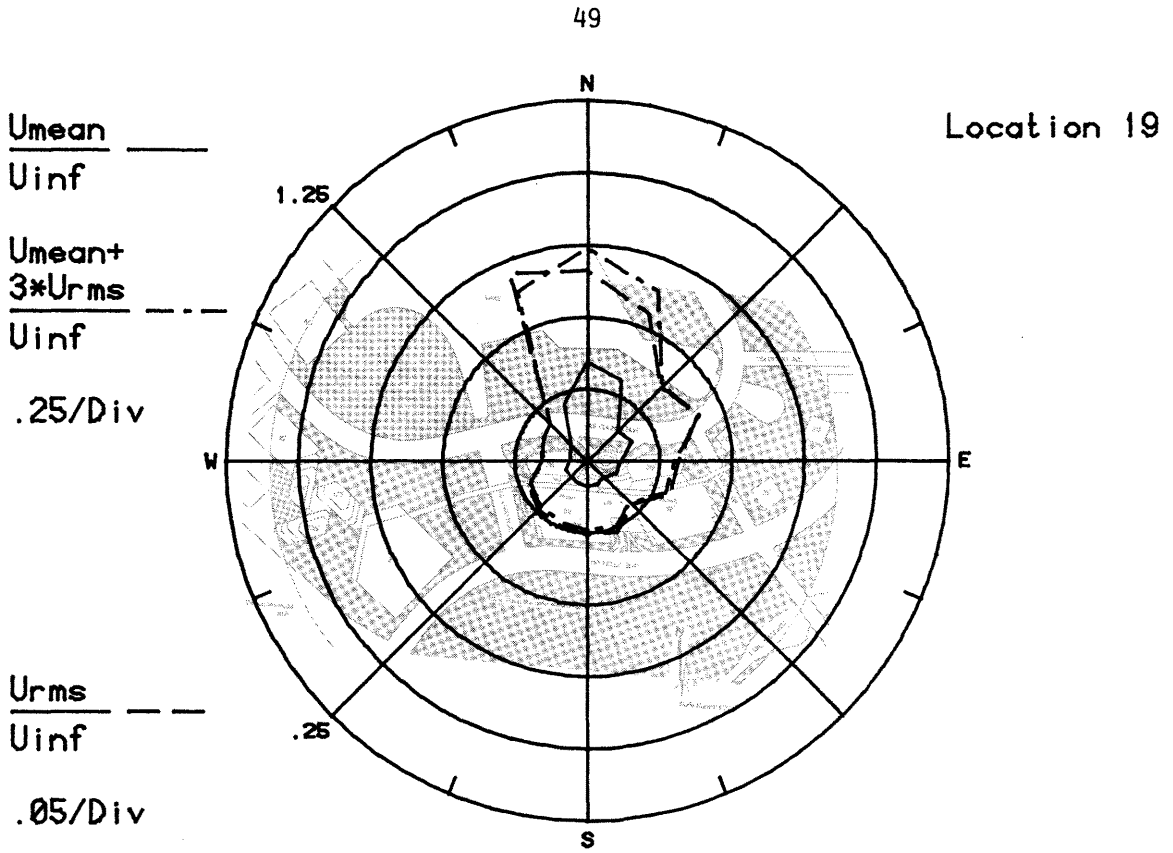


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Location 19

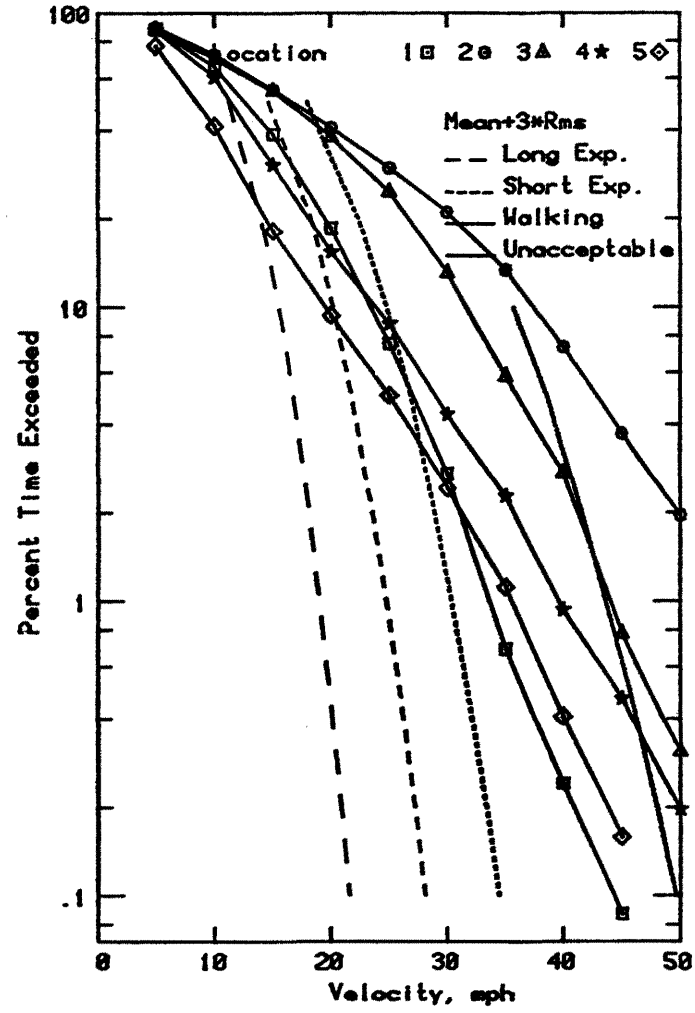
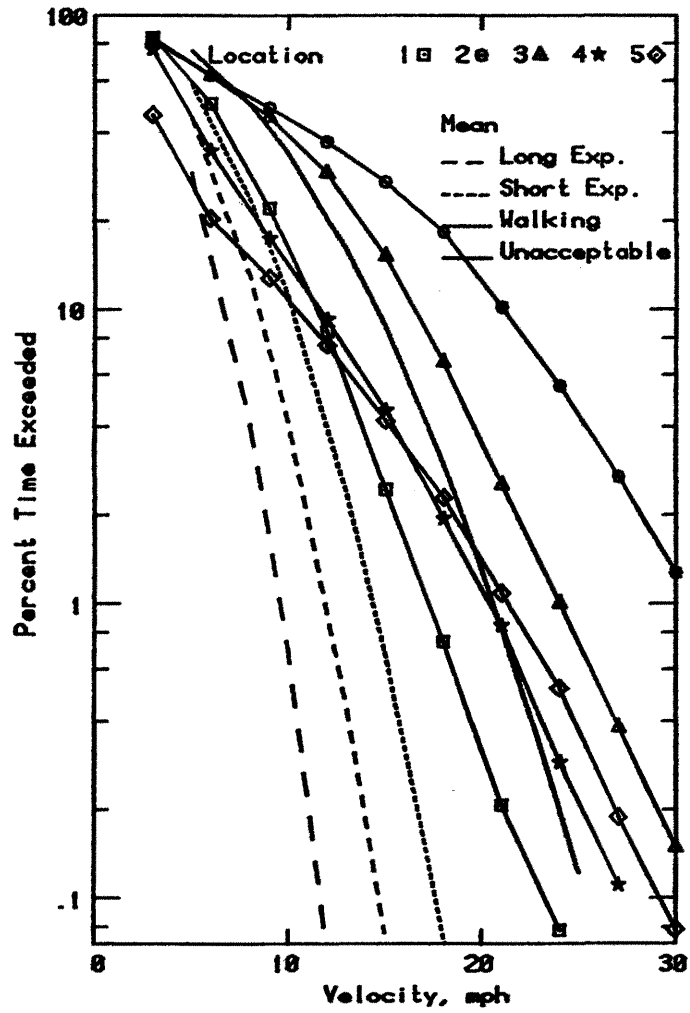


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

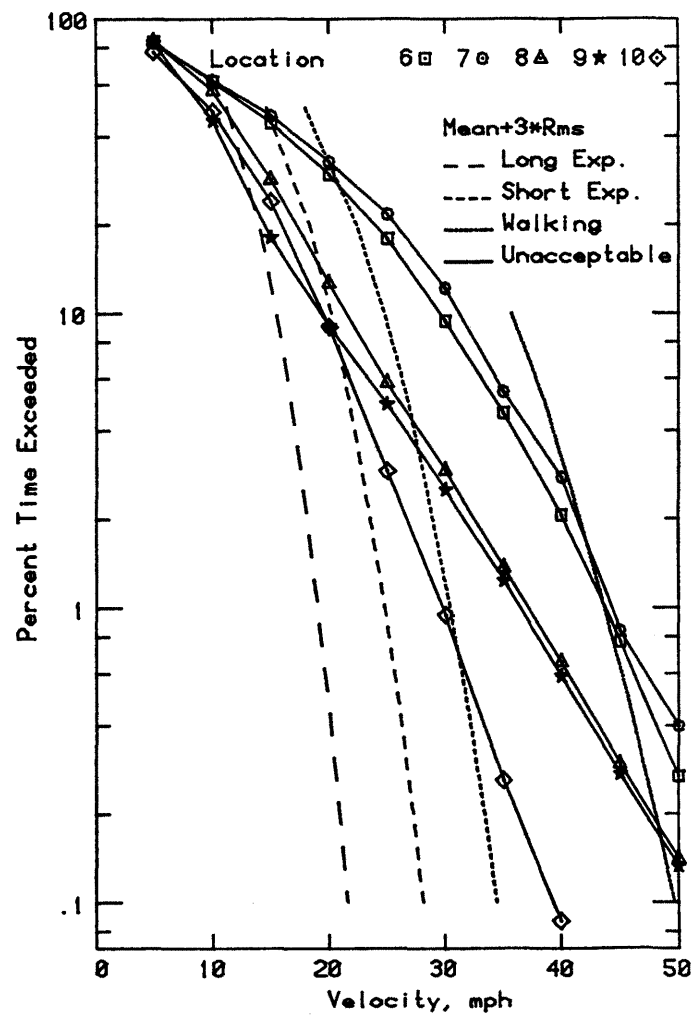
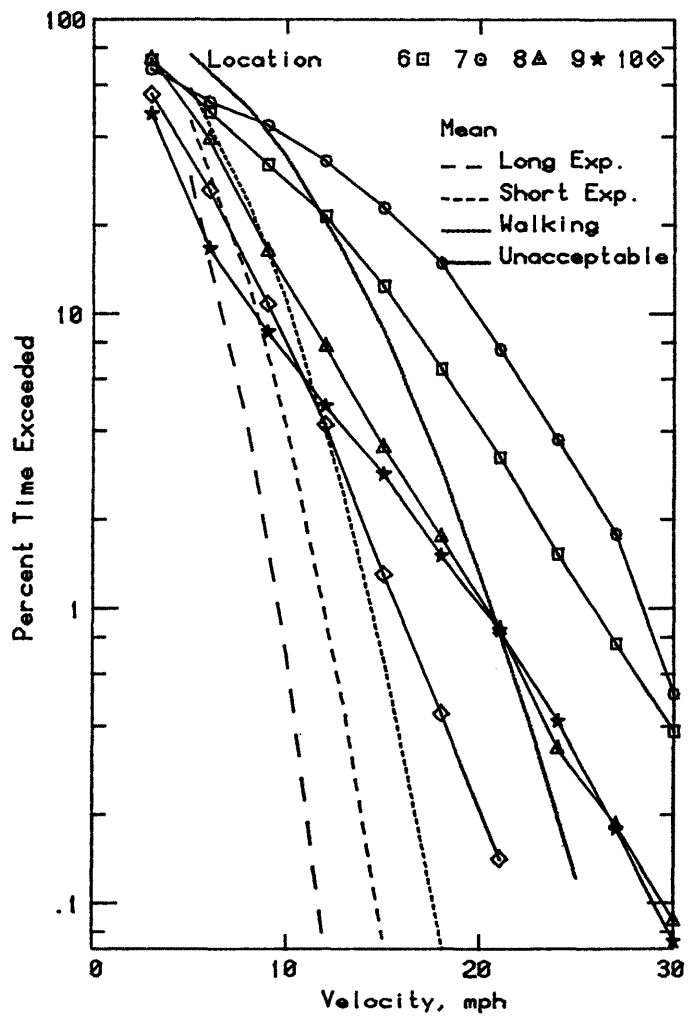


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

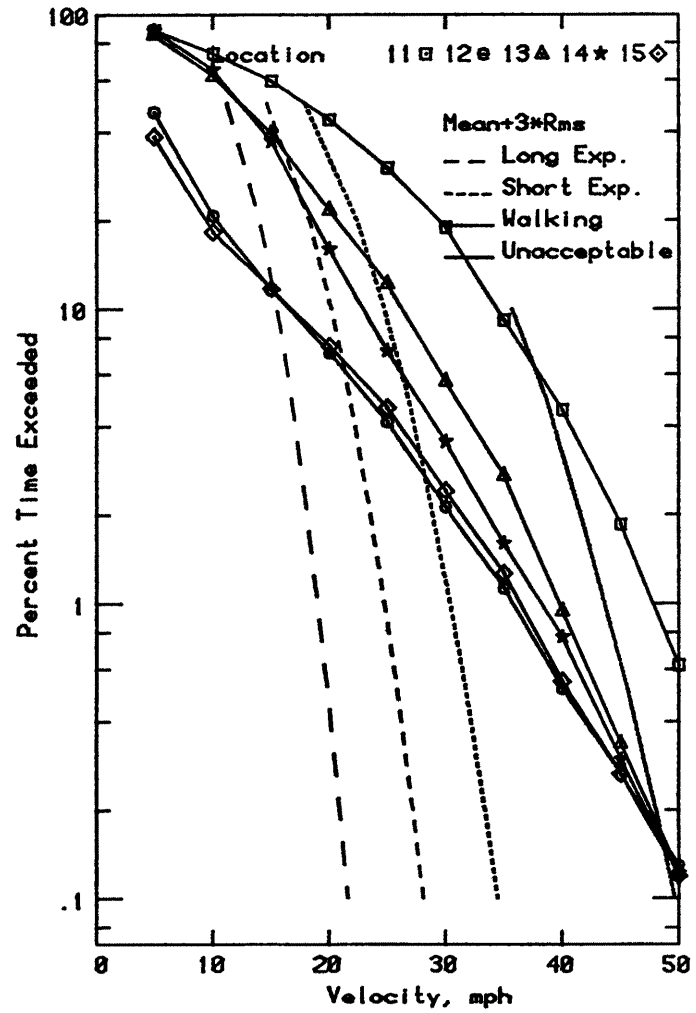
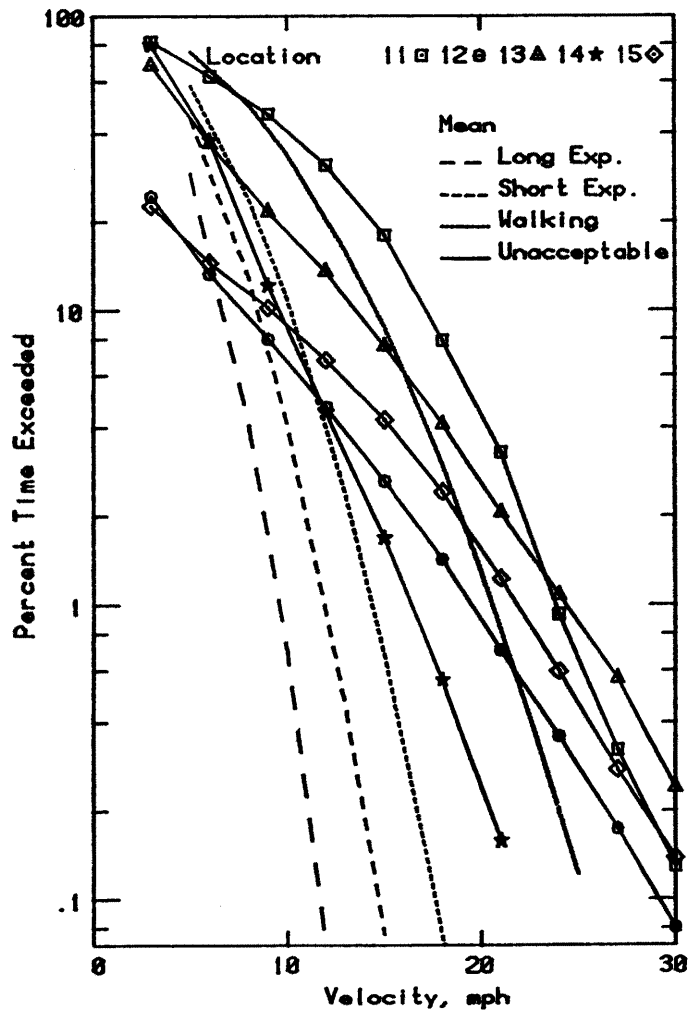


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

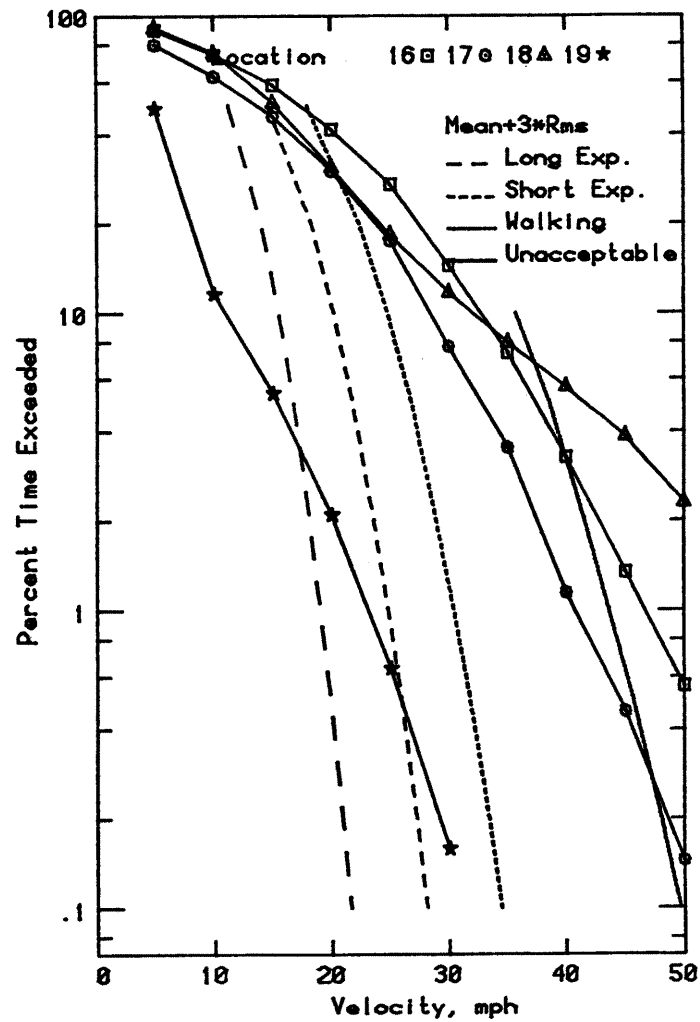
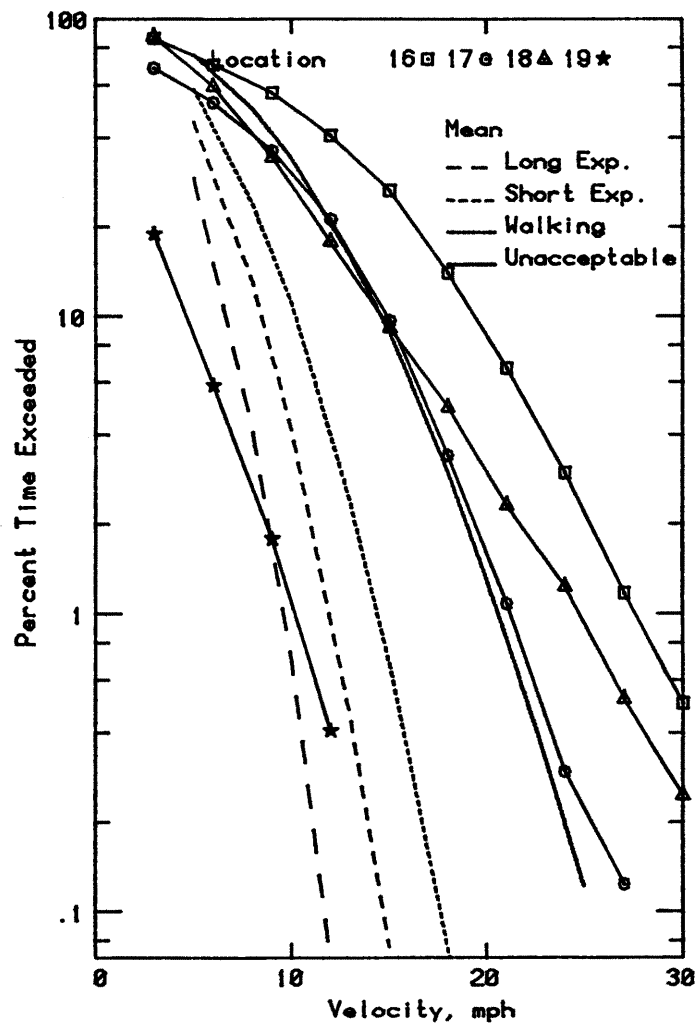


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

NORTH ELEVATION  
PEAK NEGATIVE CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 26 PSF

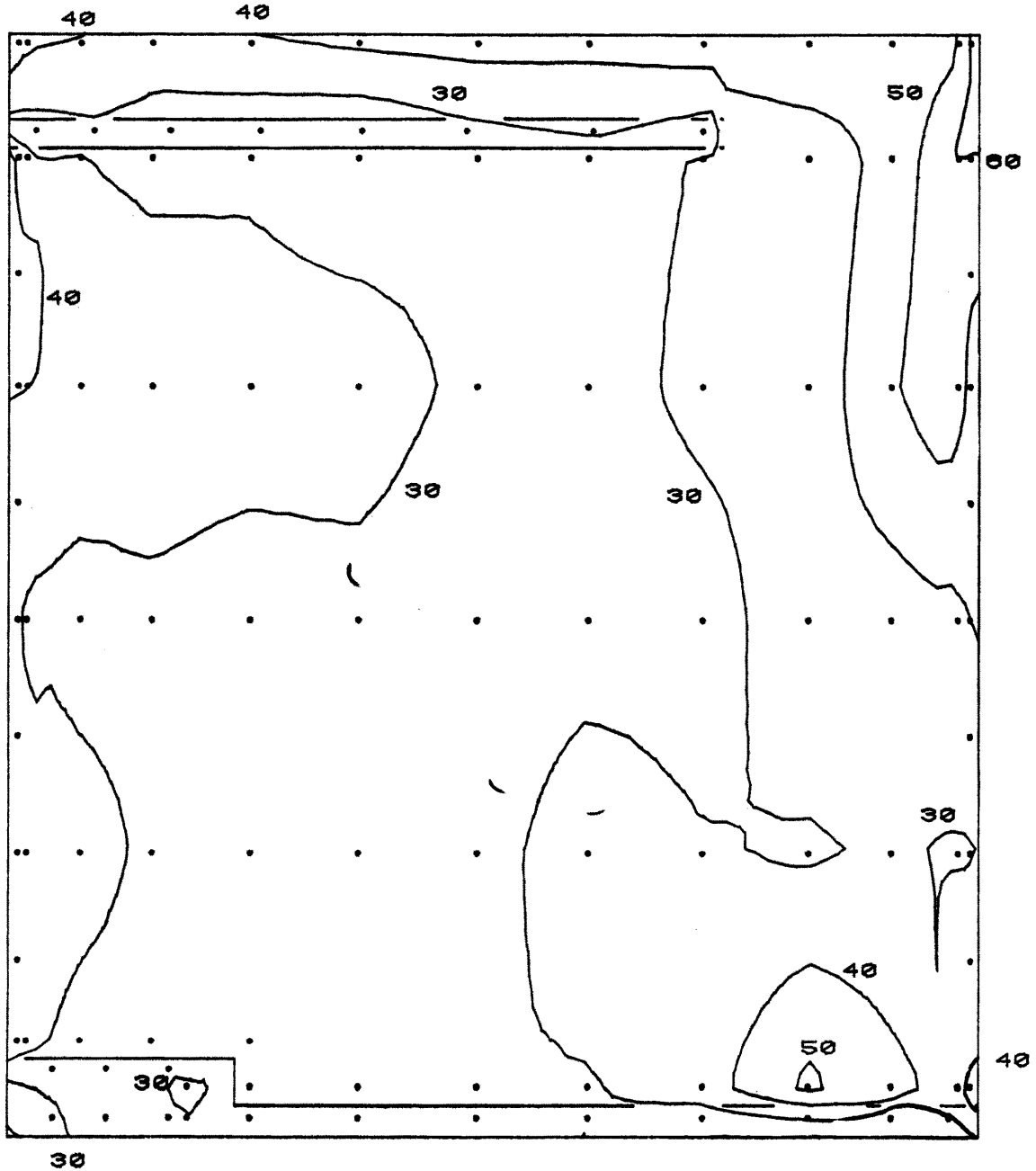


Figure 10a. Peak Pressure Contours on the Building  
for Cladding Loads



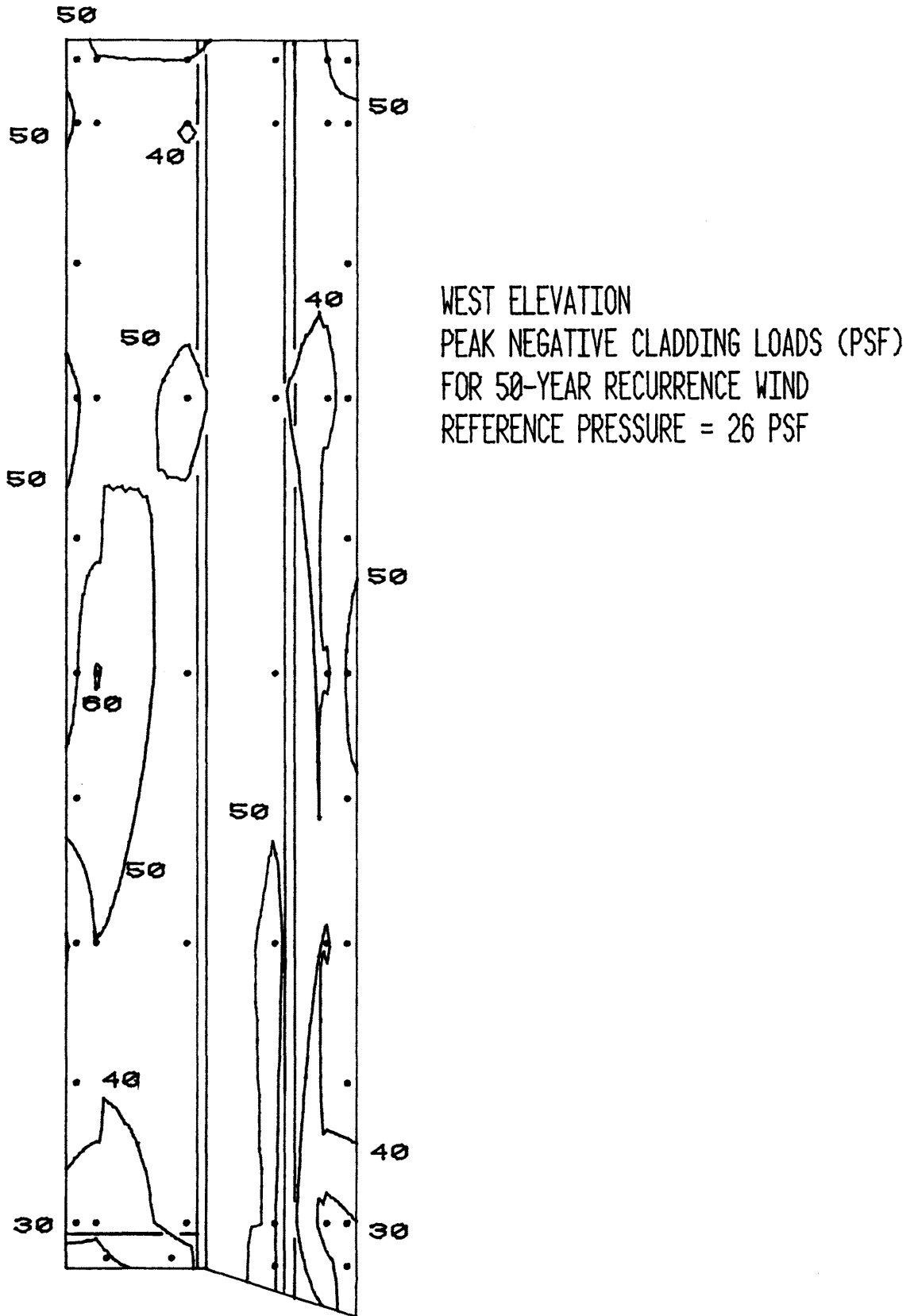


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

SOUTH ELEVATION  
PEAK NEGATIVE CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 26 PSF

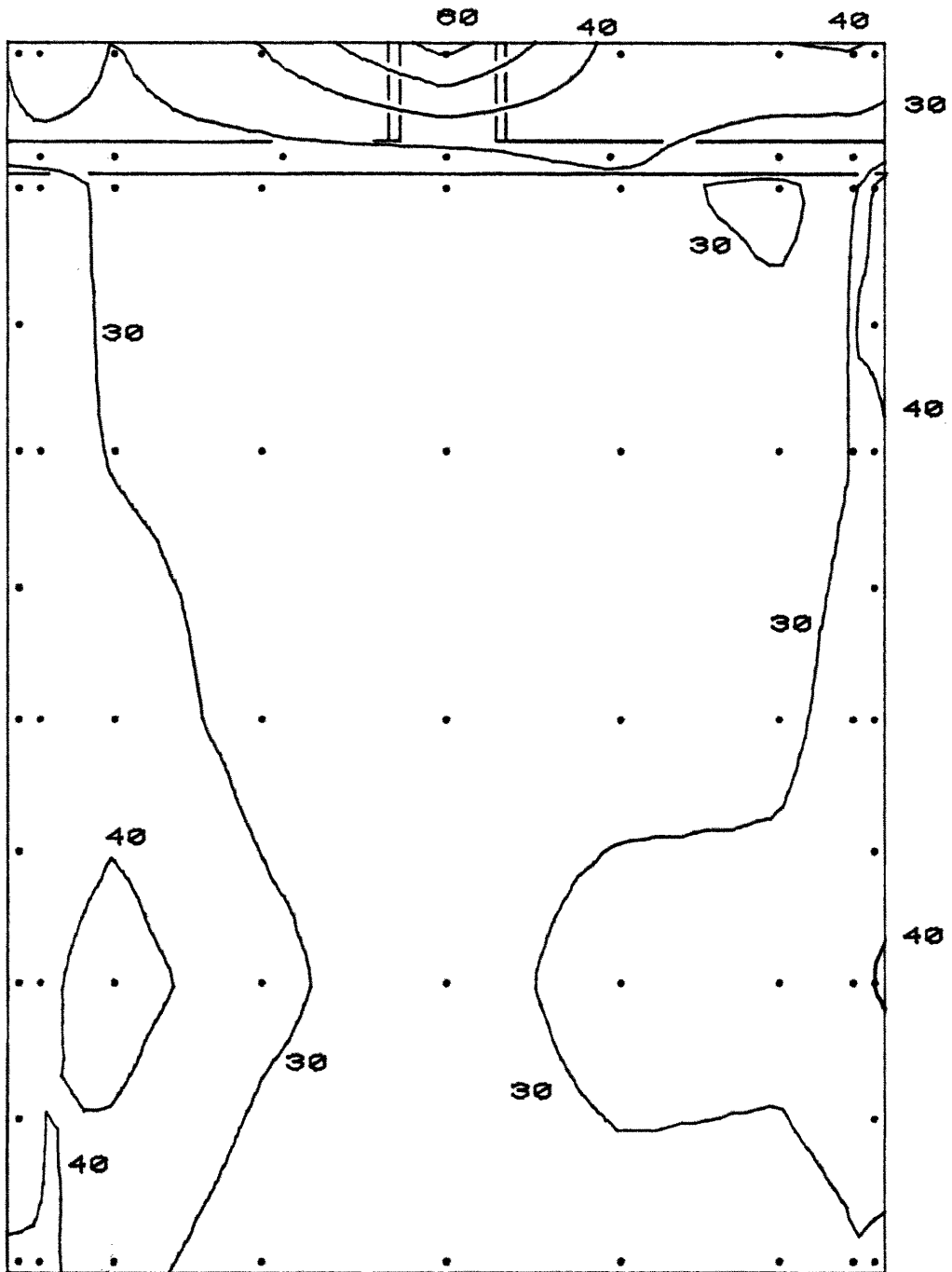


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

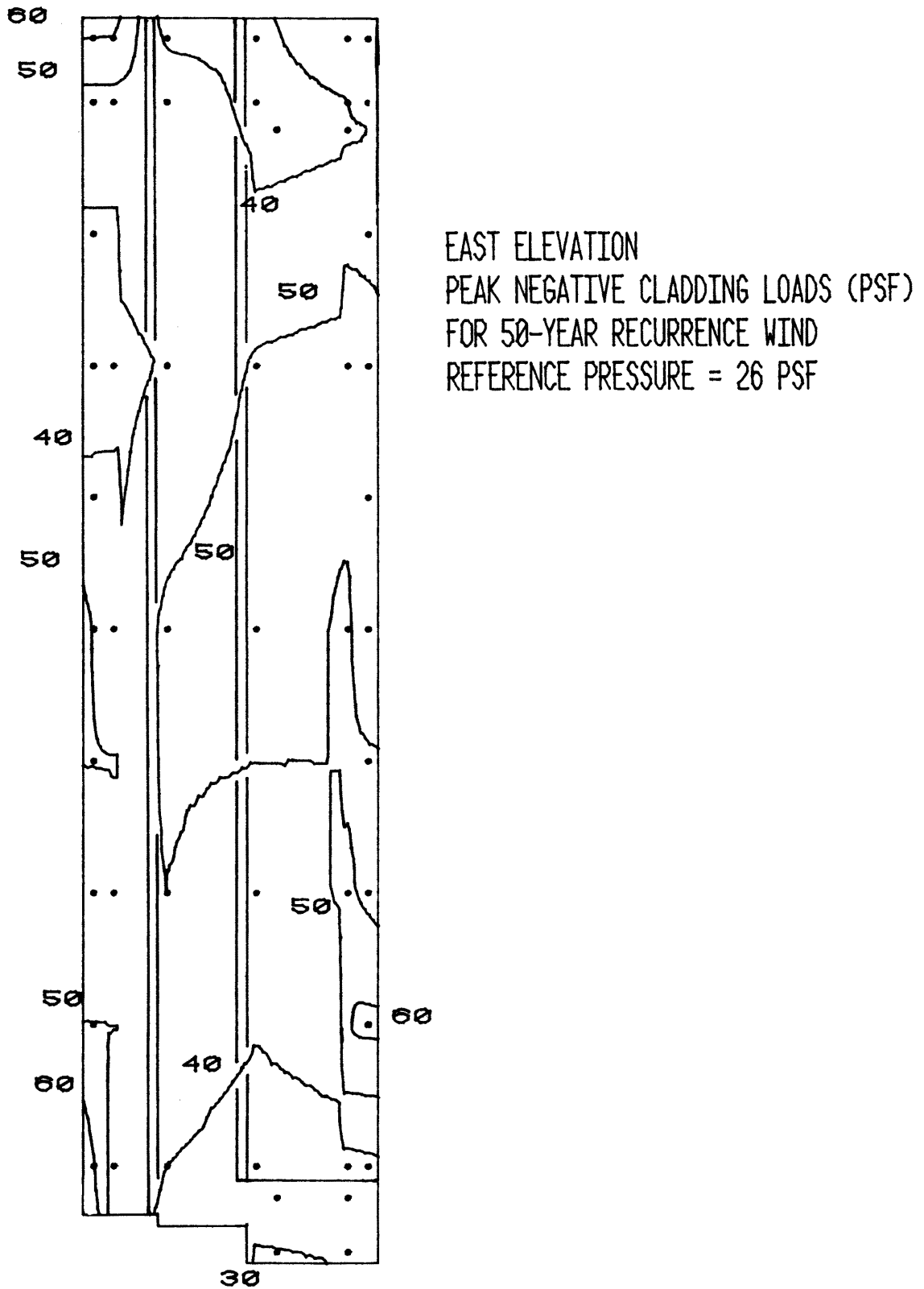


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

NORTH ELEVATION  
PEAK POSITIVE CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 26 PSF

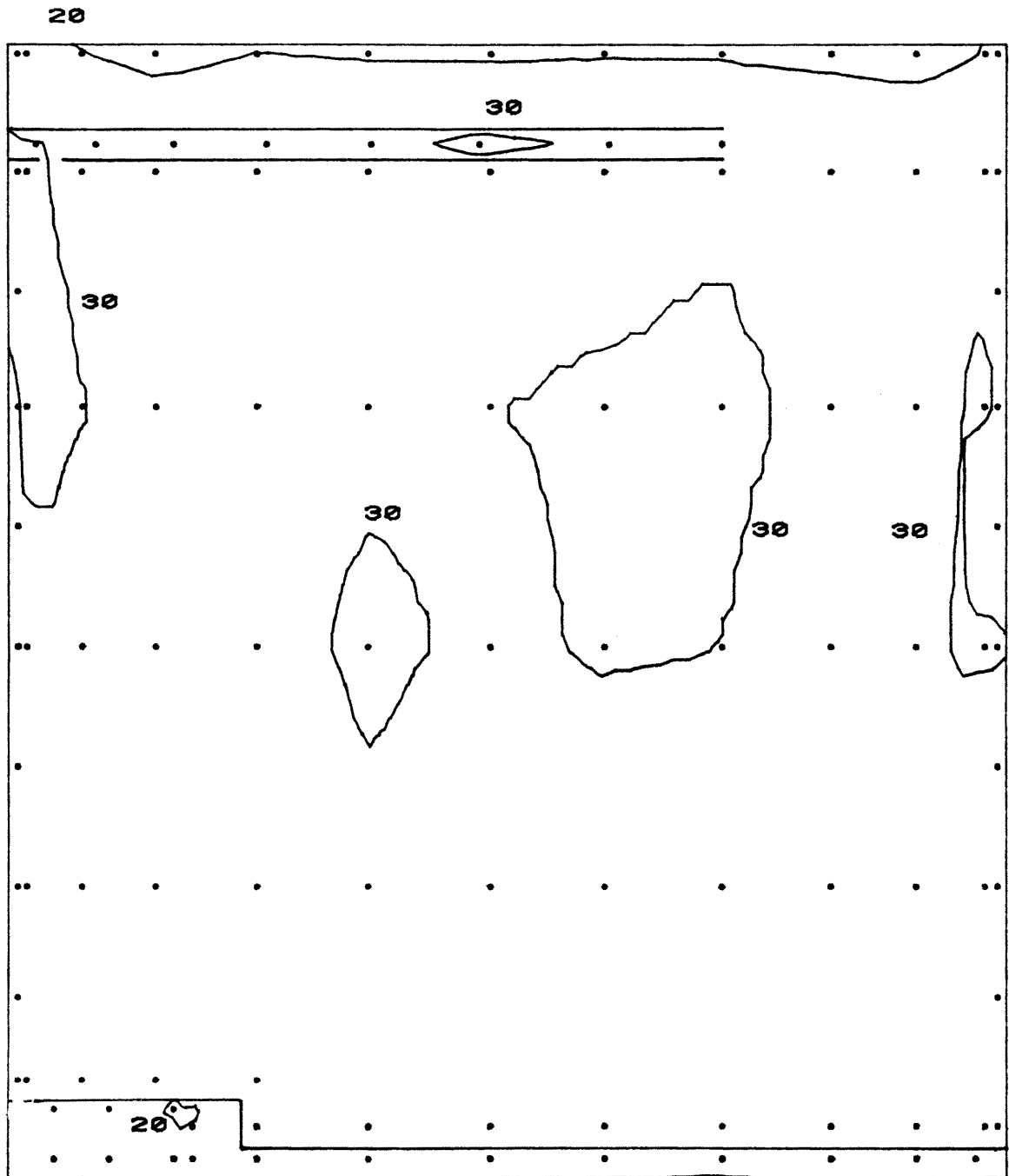
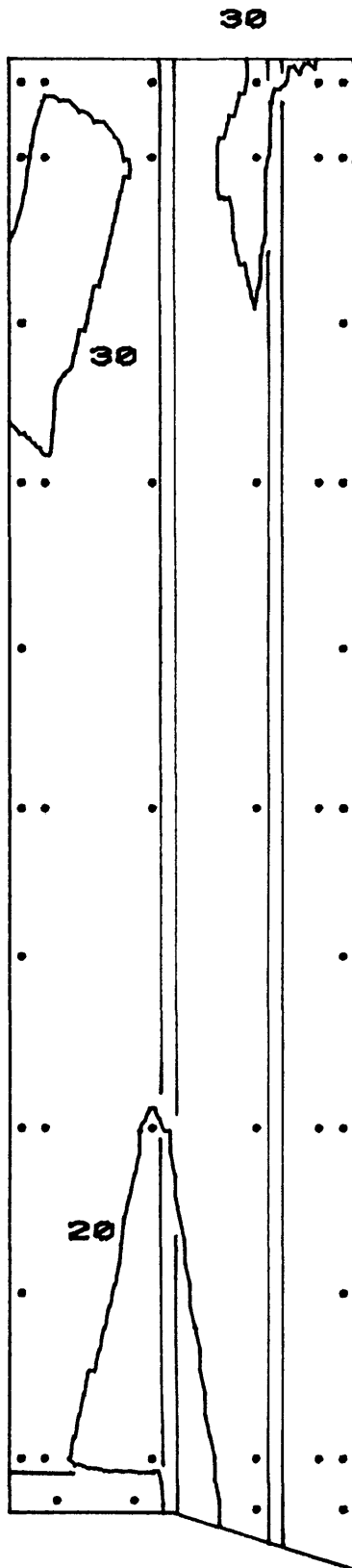


Figure 10e. Peak Pressure Contours on the Building  
for Cladding Loads



WEST ELEVATION  
PEAK POSITIVE CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 26 PSF

Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

SOUTH ELEVATION  
PEAK POSITIVE CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 26 PSF

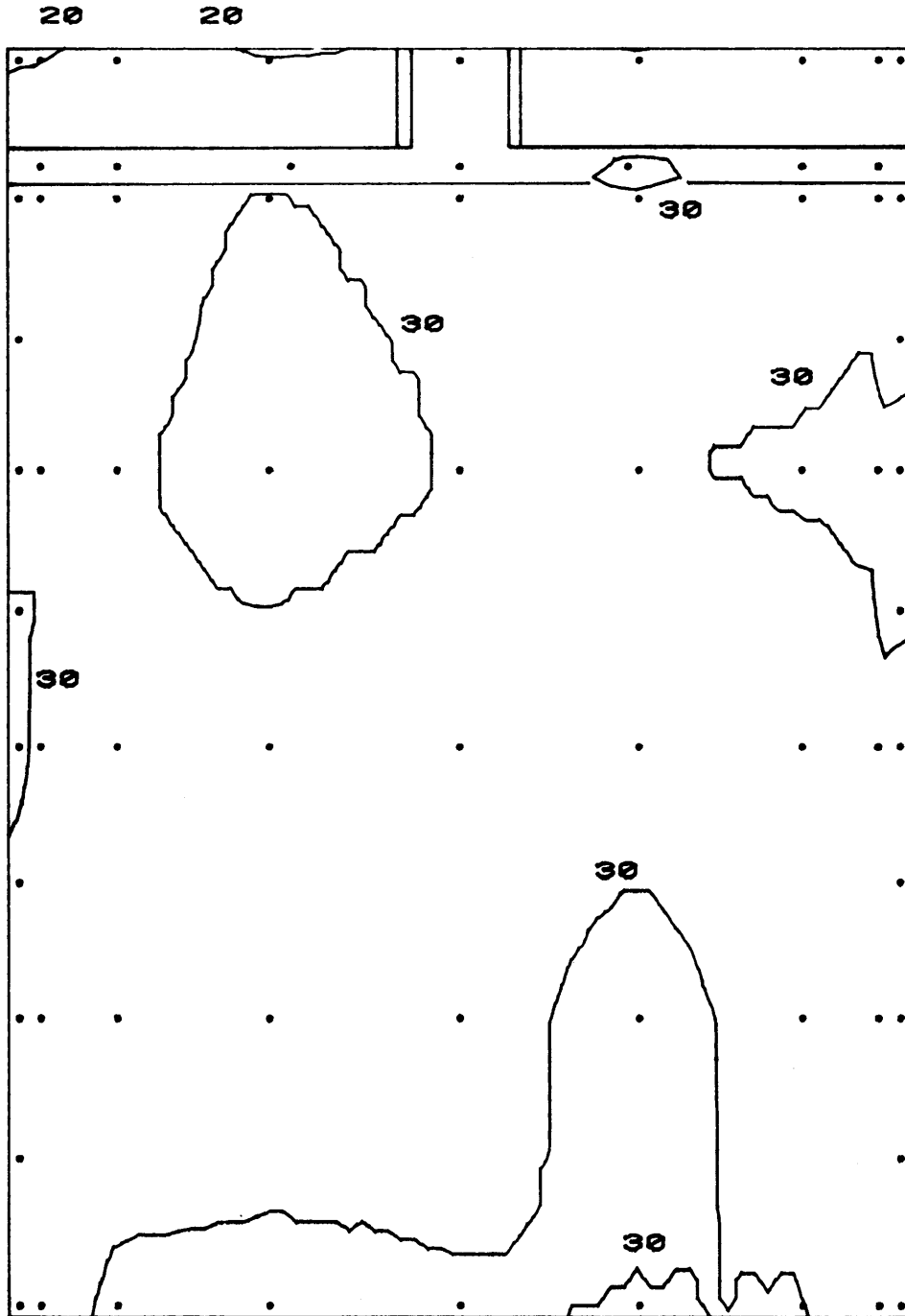


Figure 10g. Peak Pressure Contours on the Building  
for Cladding Loads

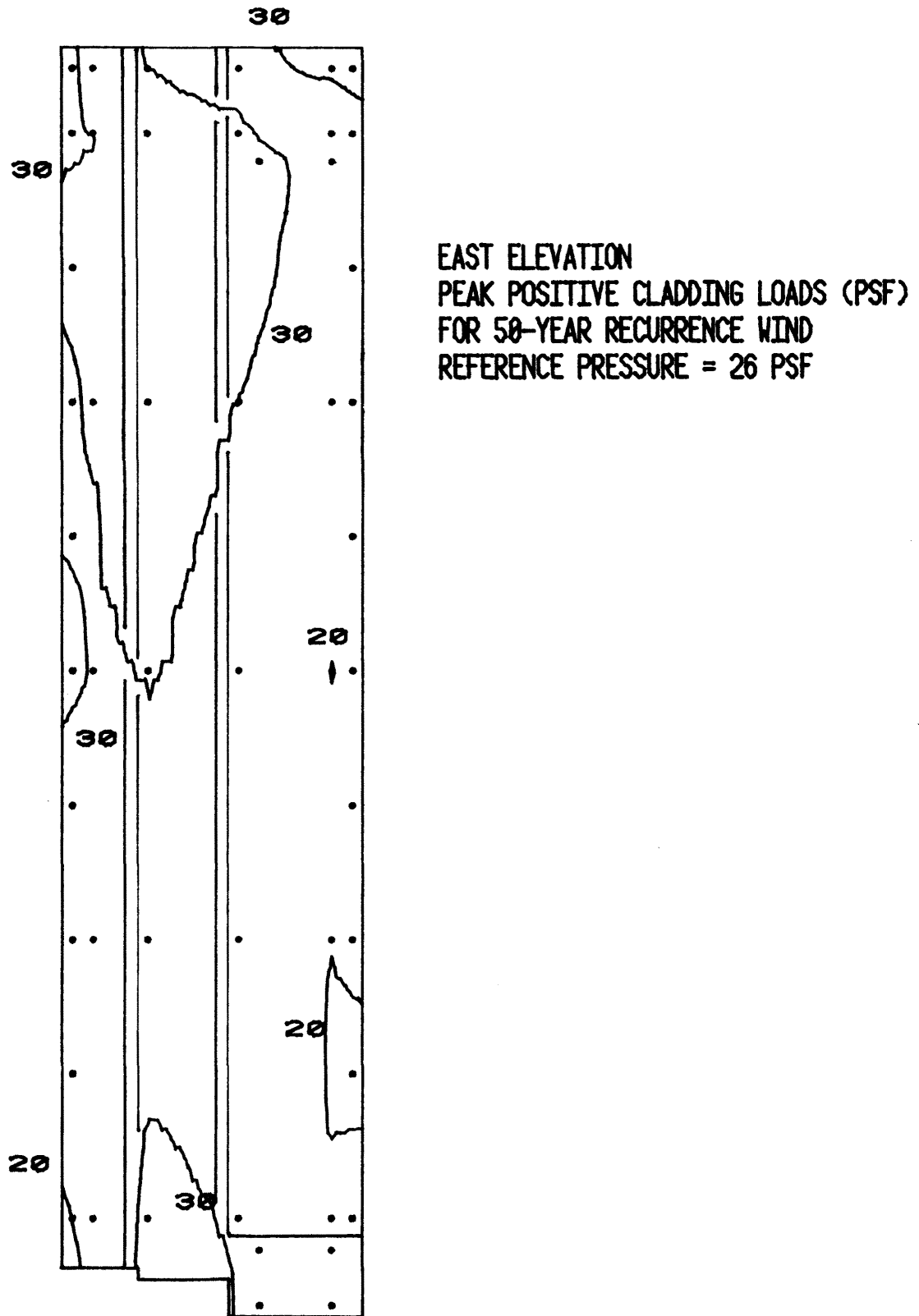


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

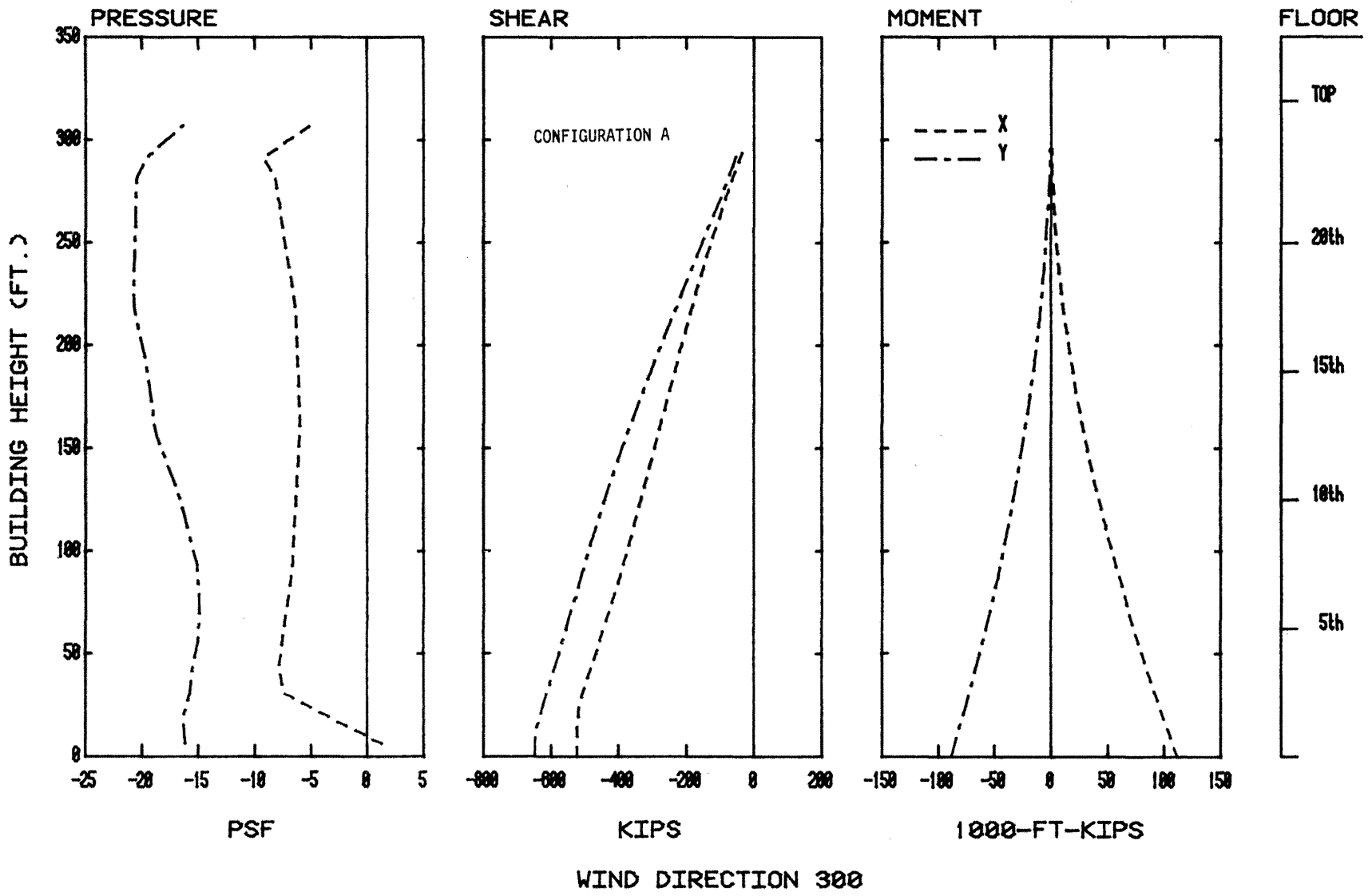


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions



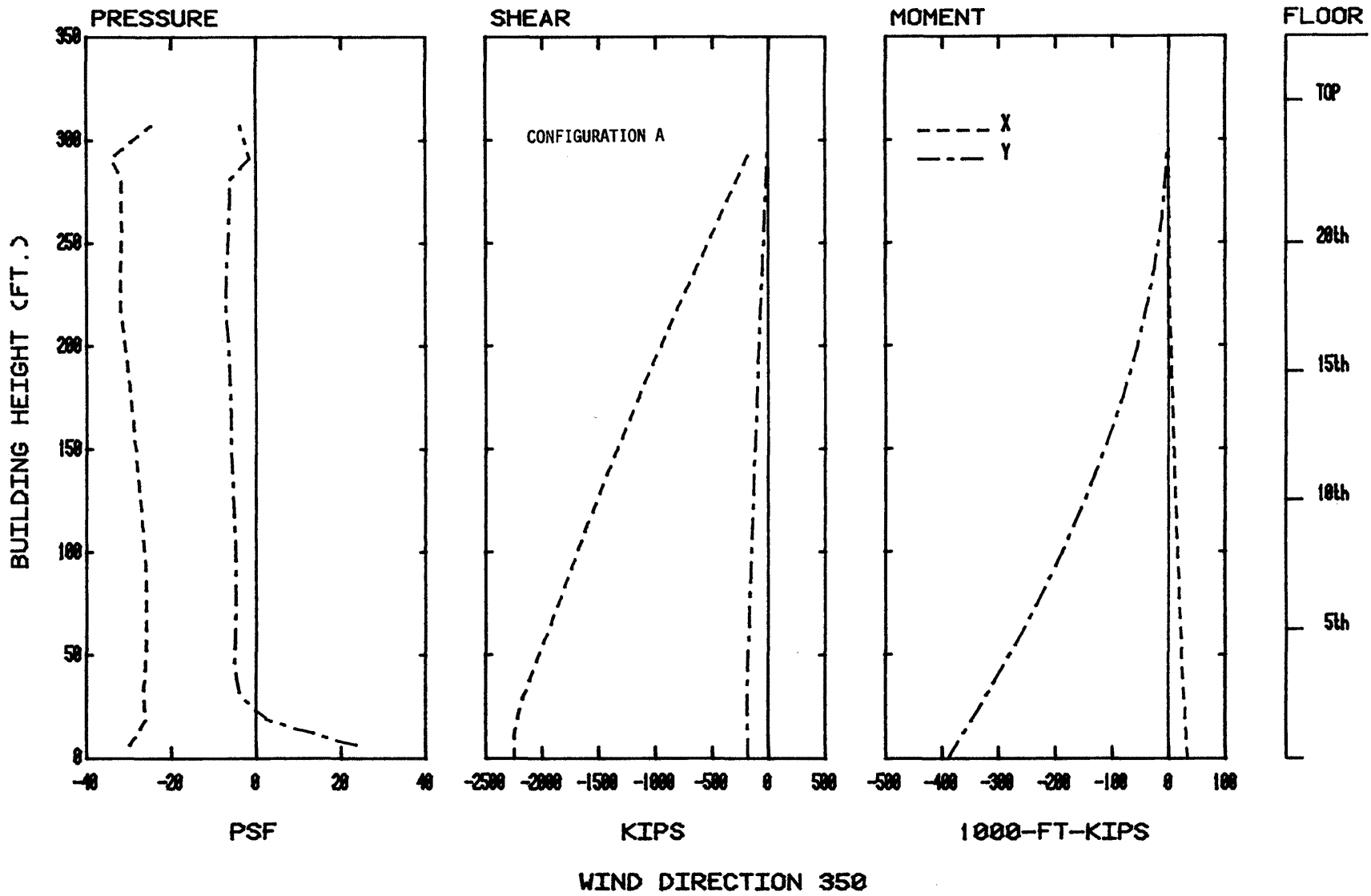


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

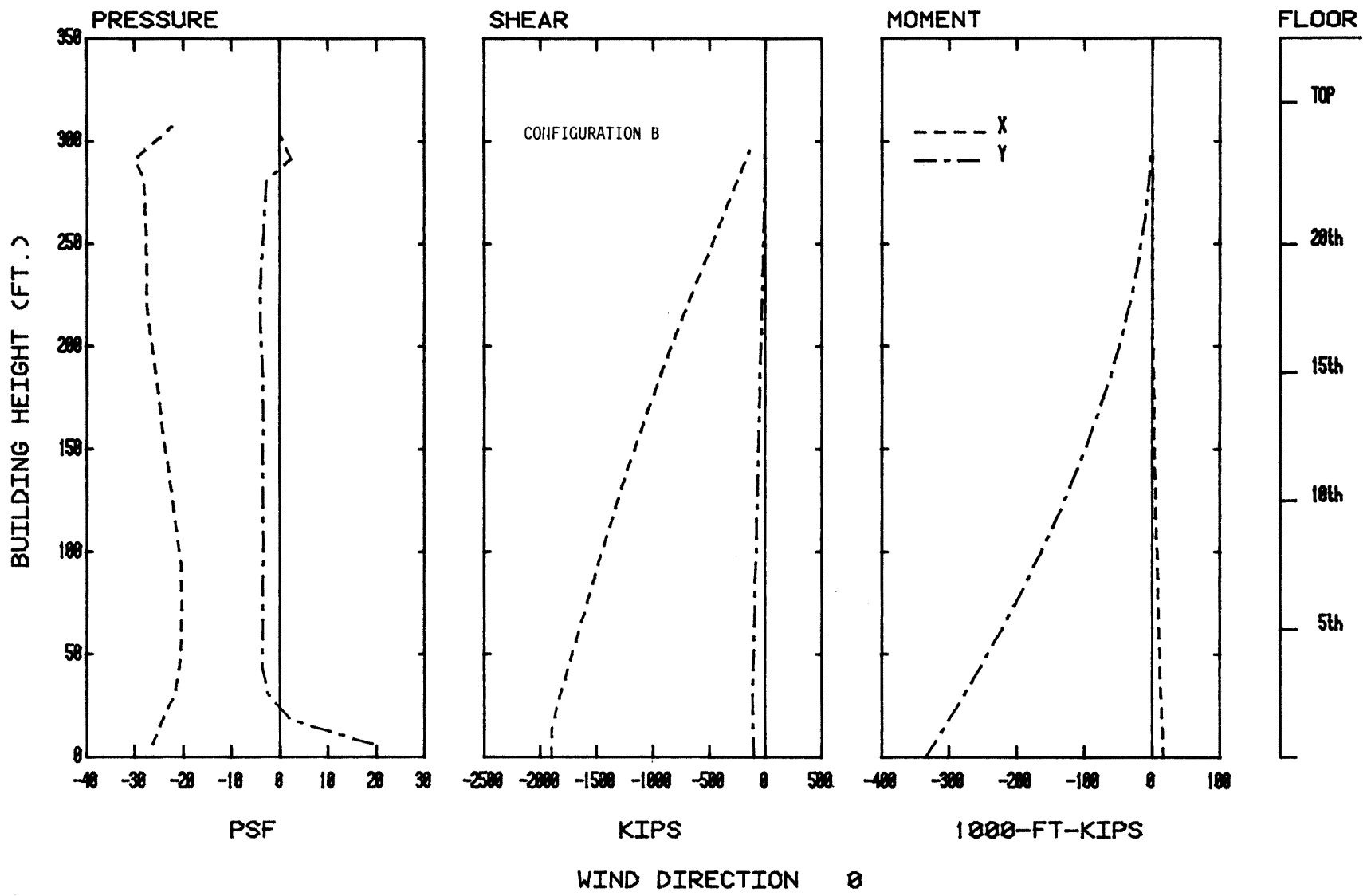


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

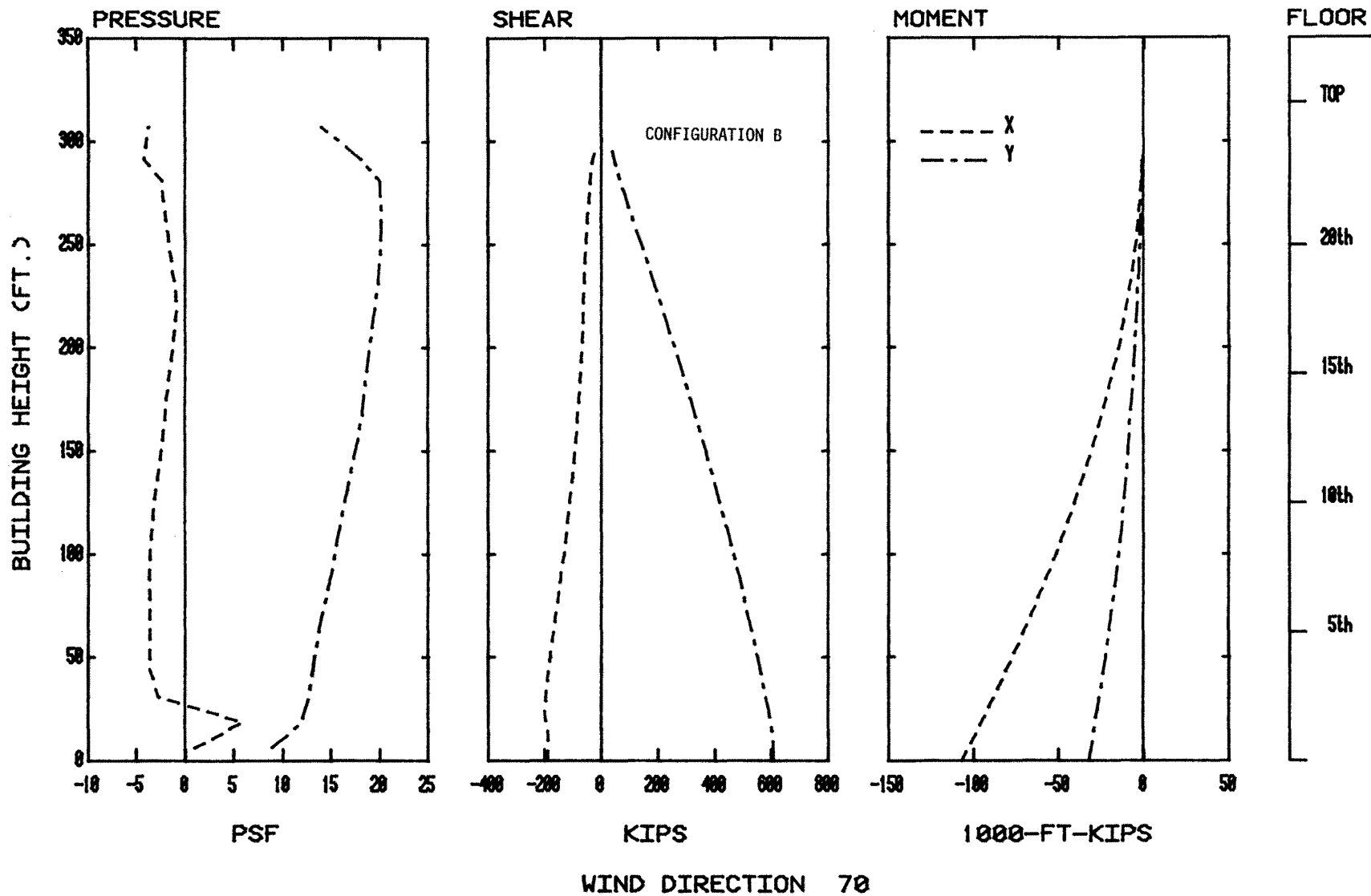


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

## MOTION PICTURE SCENE GUIDE

1. Introduction
2. Purposes for model testing
3. Procedures for conducting tests
4. Specific flow visualization scenes for

PIC LAS COLINASHigh Pressure AreasConfiguration A

<u>Run</u>	<u>Tap No.</u>	<u>Azimuth</u>
1	540	20°
2	324	320°
3	405	330°

Configuration B

<u>Run</u>	<u>Tap No.</u>	<u>Azimuth</u>
4	122,150	110°
5	150	120°

High Pedestrian Wind VelocitiesConfiguration A

<u>Run</u>	<u>Location No.</u>	<u>Azimuth</u>
6	6	0°
7	2	180°
8	16	337.5°
9	general vortex view	0°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
PIC LAS COLINAS OFFICE BUILDING

LOCATION 1				LOCATION 2			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	36.8	10.6	68.4	0.00	68.4	15.8	115.9
22.50	41.2	10.7	73.5	22.50	69.6	13.6	110.5
45.00	43.9	10.4	75.1	45.00	65.7	13.3	105.5
67.50	44.6	10.3	75.6	67.50	54.9	15.0	100.0
90.00	41.6	10.1	72.0	90.00	22.4	13.1	61.9
112.50	28.3	11.0	61.1	112.50	18.2	9.1	45.6
135.00	28.9	13.4	69.2	135.00	23.8	14.3	66.7
157.50	25.0	12.3	61.7	157.50	72.0	24.3	144.8
180.00	37.2	17.8	90.6	180.00	81.8	17.2	133.3
202.50	49.0	10.0	79.0	202.50	68.6	14.5	112.1
225.00	48.3	11.0	81.2	225.00	55.2	10.8	87.8
247.50	35.5	12.2	72.0	247.50	44.3	12.6	82.1
270.00	41.1	10.6	73.1	270.00	19.6	10.9	52.3
292.50	34.1	10.4	65.7	292.50	18.3	9.5	46.7
315.00	31.1	11.0	64.3	315.00	29.3	9.9	59.0
337.50	30.5	10.4	61.3	337.50	39.9	13.2	79.6

LOCATION 3				LOCATION 4			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	69.2	13.8	110.6	0.00	51.7	16.6	101.6
22.50	63.2	13.3	109.1	22.50	54.7	15.7	101.8
45.00	26.6	13.2	72.2	45.00	61.4	15.5	107.8
67.50	18.4	10.9	51.0	67.50	63.6	13.6	104.3
90.00	14.1	9.7	31.3	90.00	45.2	15.7	92.3
112.50	18.7	10.0	48.8	112.50	19.8	10.4	51.1
135.00	47.1	17.0	98.1	135.00	27.4	12.4	64.6
157.50	58.9	18.9	113.7	157.50	18.5	10.2	49.2
180.00	53.9	18.4	108.7	180.00	17.1	9.8	46.4
202.50	46.8	18.8	91.2	202.50	17.7	9.8	47.2
225.00	35.8	14.4	66.4	225.00	41.7	21.1	105.1
247.50	34.1	13.2	66.6	247.50	62.2	22.8	130.6
270.00	16.2	9.9	43.2	270.00	39.2	12.4	76.4
292.50	19.8	8.4	44.9	292.50	32.4	10.9	65.1
315.00	46.7	11.3	80.6	315.00	30.4	15.6	77.2
337.50	61.9	14.4	105.2	337.50	46.0	18.1	100.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
PIC LAS COLINAS OFFICE BUILDING

LOCATION 5

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	59.4	14.9	104.0
22.50	71.2	12.4	108.3
45.00	68.1	11.4	102.2
67.50	48.2	12.2	84.7
90.00	27.7	11.7	62.6
112.50	9.5	8.0	33.2
135.00	10.8	8.0	37.2
157.50	12.7	10.2	43.4
180.00	13.2	10.2	44.4
202.50	7.0	10.0	28.0
225.00	4.9	4.4	18.0
247.50	10.3	10.0	40.0
270.00	33.7	15.8	81.0
292.50	28.8	14.1	71.0
315.00	11.8	9.1	39.0
337.50	35.8	14.4	79.1

LOCATION 6

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	82.6	12.6	120.3
22.50	68.1	14.6	111.9
45.00	29.6	15.4	75.8
67.50	20.1	10.2	50.8
90.00	9.9	5.1	25.3
112.50	14.0	6.3	32.8
135.00	15.4	9.0	42.4
157.50	26.8	16.4	76.1
180.00	51.1	18.7	107.2
202.50	60.6	15.7	107.6
225.00	60.1	11.3	94.0
247.50	54.6	11.3	88.6
270.00	18.2	9.7	47.2
292.50	21.0	10.8	53.9
315.00	48.6	13.1	88.1
337.50	58.2	14.1	100.6

LOCATION 7

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	11.8	9.6	40.5
22.50	8.3	7.6	30.2
45.00	12.0	9.0	41.0
67.50	17.9	12.0	53.0
90.00	12.9	9.0	41.0
112.50	49.6	10.3	60.0
135.00	67.3	10.0	80.0
157.50	74.1	12.7	112.1
180.00	74.4	13.2	113.8
202.50	49.0	14.6	92.7
225.00	15.0	10.0	45.0
247.50	18.1	13.6	59.0
270.00	39.4	22.3	106.3
292.50	47.8	25.5	124.4
315.00	17.8	14.6	61.5
337.50	13.8	10.8	46.2

LOCATION 8

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	19.7	12.7	57.8
22.50	14.3	9.5	42.7
45.00	13.4	8.9	40.2
67.50	33.8	18.8	90.3
90.00	35.5	13.6	77.4
112.50	33.3	11.5	64.6
135.00	66.6	10.8	84.1
157.50	9.4	9.4	54.3
180.00	9.5	8.8	52.2
202.50	17.2	8.8	43.5
225.00	13.8	8.4	39.1
247.50	24.5	13.9	66.2
270.00	24.9	13.9	66.7
292.50	61.8	13.5	102.2
315.00	61.5	17.2	113.0
337.50	30.7	21.2	94.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
PIC LAS COLINAS OFFICE BUILDING

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.7	9.9	42.3
22.50	23.1	15.4	69.3
45.00	45.7	14.1	87.9
67.50	38.2	13.8	99.7
90.00	36.0	13.0	81.0
112.50	26.0	13.3	61.3
135.00	19.8	11.1	49.7
157.50	12.1	10.6	42.7
180.00	10.3	9.9	38.0
202.50	9.4	8.5	34.9
225.00	18.3	12.8	56.7
247.50	15.2	13.3	53.6
270.00	31.1	13.6	71.9
292.50	65.9	15.0	110.9
315.00	57.5	15.4	103.7
337.50	29.8	19.0	86.8

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.9	8.2	35.4
22.50	12.8	8.2	37.4
45.00	7.3	6.8	27.7
67.50	6.9	6.7	27.0
90.00	21.8	12.9	60.5
112.50	52.2	12.0	88.1
135.00	46.4	13.2	86.0
157.50	28.7	13.1	68.0
180.00	13.8	10.8	46.2
202.50	18.6	12.4	55.9
225.00	38.1	12.9	76.8
247.50	30.8	12.1	87.1
270.00	20.8	13.6	61.3
292.50	14.7	12.9	53.3
315.00	12.1	9.5	46.6
337.50	8.5	6.9	29.0

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.3	18.0	87.2
22.50	20.0	13.5	60.4
45.00	14.1	7.6	36.8
67.50	23.8	10.6	55.5
90.00	27.9	13.0	67.0
112.50	46.2	23.9	117.9
135.00	65.8	19.2	123.3
157.50	61.8	19.9	121.6
180.00	59.1	18.9	115.9
202.50	50.9	24.6	124.7
225.00	25.4	14.1	67.7
247.50	25.3	11.9	61.0
270.00	31.0	15.7	78.1
292.50	51.1	13.5	91.7
315.00	52.1	14.4	95.3
337.50	43.8	18.1	98.2

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	36.8	13.4	77.0
22.50	14.7	9.5	43.2
45.00	9.8	7.6	32.6
67.50	33.5	13.5	74.0
90.00	20.8	12.1	57.2
112.50	10.6	9.1	37.8
135.00	7.3	5.7	24.2
157.50	4.2	3.9	15.9
180.00	4.2	4.1	16.3
202.50	7.6	6.9	28.3
225.00	11.5	9.4	39.8
247.50	15.0	10.9	47.8
270.00	3.6	3.4	13.7
292.50	28.6	14.4	71.8
315.00	53.5	14.6	107.2
337.50	53.3	16.9	104.1



TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
PIC LAS COLINAS OFFICE BUILDING

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.9	8.1	34.2
22.50	18.7	16.8	69.0
45.00	28.1	17.8	81.4
67.50	31.2	16.1	99.5
90.00	43.7	19.1	101.1
112.50	39.5	19.9	99.3
135.00	19.0	15.0	64.2
157.50	22.2	13.4	62.7
180.00	44.7	16.9	97.9
202.50	72.9	12.1	109.4
225.00	74.9	11.7	110.1
247.50	26.7	10.5	99.3
270.00	24.4	9.9	60.8
292.50	12.3	6.9	41.3
315.00	8.9	6.9	29.4
337.50	11.7	8.4	37.0

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	43.7	23.2	113.4
22.50	53.1	22.5	120.4
45.00	41.5	18.3	96.3
67.50	35.0	12.8	73.5
90.00	27.0	10.4	58.3
112.50	25.2	10.7	57.2
135.00	27.7	13.1	66.9
157.50	25.6	12.8	63.9
180.00	21.0	12.3	57.9
202.50	28.1	13.0	67.2
225.00	34.6	12.2	71.3
247.50	36.4	12.6	74.2
270.00	29.9	10.9	62.6
292.50	46.9	14.8	91.4
315.00	26.4	16.2	75.1
337.50	28.4	15.1	73.7

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	52.8	13.8	94.2
22.50	35.9	12.4	73.0
45.00	17.5	10.0	47.4
67.50	10.4	7.4	32.6
90.00	9.3	7.0	30.5
112.50	5.9	5.2	21.5
135.00	5.2	4.3	18.2
157.50	4.2	3.4	14.4
180.00	4.3	3.6	15.0
202.50	5.8	5.1	21.0
225.00	11.4	8.6	37.2
247.50	10.6	7.7	33.8
270.00	5.5	5.0	21.0
292.50	11.1	11.1	48.4
315.00	13.5	13.5	102.4
337.50	5.8	13.5	106.3

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	67.9	12.1	104.3
22.50	57.2	12.5	94.7
45.00	45.2	13.0	84.1
67.50	24.4	11.8	59.8
90.00	18.2	9.5	46.7
112.50	59.9	18.0	114.1
135.00	63.8	12.8	102.4
157.50	63.0	11.6	99.9
180.00	62.7	16.4	111.9
202.50	56.7	24.3	129.6
225.00	19.4	11.3	53.2
247.50	14.7	8.5	40.1
270.00	14.1	6.5	33.7
292.50	49.3	16.8	99.8
315.00	70.2	11.6	105.0
337.50	75.4	12.5	112.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
PIC LAS COLINAS OFFICE BUILDING

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.2	12.6	49.1
22.50	28.3	103.2	103.2
45.00	54.7	233.2	125.5
67.50	39.8	13.4	79.8
90.00	15.2	11.8	50.6
112.50	43.4	14.1	85.6
135.00	52.9	12.9	91.8
157.50	57.5	12.2	94.1
180.00	49.5	11.7	101.1
202.50	44.2	22.2	110.1
225.00	18.6	12.2	54.7
247.50	56.6	12.7	23.7
270.00	59.6	22.2	21.2
292.50	29.1	5.5	23.5
315.00	29.1	4.9	10.0
337.50	5.1	9.9	20.0

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	72.4	34.6	176.1
22.50	67.7	32.7	165.9
45.00	56.3	27.4	138.6
67.50	27.6	14.4	70.7
90.00	48.4	13.1	87.8
112.50	54.8	12.4	92.0
135.00	44.3	13.8	85.7
157.50	21.9	11.4	56.1
180.00	34.7	13.1	74.0
202.50	41.4	13.4	81.7
225.00	47.9	11.4	82.0
247.50	49.7	12.0	85.8
270.00	33.1	11.3	67.2
292.50	24.7	13.6	65.4
315.00	50.6	24.5	124.0
337.50	67.6	31.4	161.9

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.1	13.2	73.8
22.50	30.4	11.1	63.6
45.00	14.9	7.7	36.6
67.50	17.0	8.8	41.7
90.00	11.4	8.2	30.3
112.50	10.6	6.9	29.0
135.00	7.9	5.4	20.7
157.50	8.6	5.3	24.6
180.00	8.6	5.1	23.9
202.50	8.4	4.9	23.0
225.00	8.0	4.4	22.4
247.50	8.1	4.4	21.5
270.00	6.1	3.3	15.4
292.50	6.4	3.4	16.7
315.00	7.8	3.4	18.6
337.50	21.2	14.1	63.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
 PIC LAS COLINAS OFFICE BUILDING

\* \* GREATEST VALUES \* \*

U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)					U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)					U <sub>MEAN+3*RMS</sub> /U <sub>INF</sub> (PERCENT)				
LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS
6	0.0	82.6	12.6	120.3	18	0.0	72.4	34.6	176.1	18	0.0	72.4	34.6	176.1
2	180.0	81.8	17.2	133.3	18	22.5	67.7	32.7	165.9	18	22.5	67.7	32.7	165.9
16	337.5	75.4	12.5	112.8	18	337.5	67.6	31.4	161.9	18	337.5	67.6	31.4	161.9
13	225.0	74.9	11.7	110.1	18	45.0	56.3	27.4	138.6	2	157.5	72.0	24.3	144.8
7	180.0	74.4	13.2	113.8	7	292.5	47.8	25.5	124.4	18	45.0	56.3	27.4	138.6
7	157.5	74.1	12.7	112.1	17	22.5	28.3	25.0	103.2	2	180.0	81.8	17.2	133.3
13	202.5	72.9	12.1	109.4	11	202.5	50.9	24.6	124.7	4	247.5	62.2	22.8	130.6
18	0.0	72.4	34.6	176.1	18	315.0	50.6	24.5	124.0	16	202.5	56.7	24.3	129.6
2	157.5	72.0	24.3	144.8	16	202.5	56.7	24.3	129.6	17	45.0	54.7	23.6	125.5
5	22.5	71.2	12.4	108.3	2	157.5	72.0	24.3	144.8	11	202.5	50.9	24.6	124.7

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

DALLAS, TEXAS

LOVE FIELD (1951-1960)

SEASON : ANNUAL

NO. OF OBS. = 87672

HT. OF MEAS. = 40. FT

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32-38	39-46	47 +	TOTAL
N	.59	1.48	1.90	1.45	.52	.10	.03	0.00	0.00	6.07
NNE	.46	1.44	1.52	1.11	.31	.05	0.00	0.00	0.00	4.89
NE	.67	2.23	1.60	.55	.25	.03	0.00	0.03	0.00	5.47
ENE	.28	1.09	1.35	.61	.20	.04	0.00	0.00	0.00	3.58
E	.42	1.29	1.52	.53	.22	.01	0.00	0.00	0.00	3.99
ESE	.32	1.28	2.17	.92	.25	.05	0.00	0.00	0.00	4.99
SE	.64	2.90	5.37	3.31	.54	.06	.01	0.00	0.00	12.82
SSE	.31	1.74	5.24	6.44	1.68	.17	.06	.02	0.00	15.67
S	.56	1.87	4.94	6.02	2.13	.25	.05	.02	0.00	15.83
SSW	.30	.90	1.51	2.02	.66	.11	.01	0.00	0.00	5.51
SW	.55	1.08	1.22	.93	.27	.08	.01	.03	0.00	4.16
WSW	.19	.36	.30	.35	.16	.04	.02	.01	0.00	1.42
W	.33	.56	.47	.34	.20	.05	.02	.02	0.00	2.00
WNW	.27	.49	.56	.52	.31	.07	.03	0.00	0.00	2.25
NW	.30	1.14	1.06	1.07	.50	.12	.06	.03	0.00	4.49
NNW	.37	1.08	1.48	1.43	.56	.10	.06	0.00	0.00	5.08
CALM	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48
TOT	2.54	20.92	32.21	27.69	8.76	1.34	.36	.16	0.00	100.00

TABLE 4  
SUMMARY OF WIND EFFECTS ON PEOPLE

	<u>Beaufort number</u>	<u>Speed (mph)</u>	<u>Effects</u>
Calm, light air	0, 1	0- 3	Calm, no noticeable wind
Light breeze	2	4- 7	Wind felt on face
Gentle breeze	3	8-12	Wind extends light flag Hair is disturbed Clothing flaps
Moderate breeze	4	13-18	Raises dust, dry soil and loose paper Hair disarranged
Fresh breeze	5	19-24	Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land
Strong breeze	6	25-31	Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard)
Near gale	7	32-38	Inconvenience felt when walking
Gale	8	39-46	Generally impedes progress Great difficulty with balance in gusts
Strong gale	9	47-54	People blown over by gusts

Note: Table from Reference 4, p. 40.

TABLE 5

## CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 6):

50-yr fastest mile at 30 ft = 70 mph

$$\text{Mean hourly wind speed} = \frac{70}{1.27} = 55.1 \text{ mph}$$

$$\text{Mean hourly gradient wind speed} = 55.1 \left(\frac{1000}{30}\right)^{.17} = 100.0$$

Mean hourly wind at wind-tunnel velocity reference location at 1150 ft =  $U_{\infty}$  = gradient wind

$$\text{Reference pressure} = 0.5 \rho U_{\infty}^2 = (0.00256) (100.0)^2 = 25.6 \text{ psf}$$

Use 26 psf

2. Loads for 100-yr recurrence wind:

100-yr fastest mile at 30 ft = 70 mph (ref. 6):

No change in load.

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

<u>Gust Duration, sec</u>	<u>Gust Load Factor</u>
10-15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$
45	$(1.26)^2 = 1.59$

The 30-second gust load factor was used in Table 7.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK		POSITIVE PEAK		TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK		POSITIVE PEAK		TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK		POSITIVE PEAK	
			PSF	PSF	PSF	PSF				PSF	PSF	PSF	PSF							
1	180	-2	22	-57.6	14.3	135	100	-1	6.9	-43.9	33.6	183	200	-1	24	-1	24	26.3	33.3	
2	50	-1	52	-42.2	10.8	136	250	-2	0.4	-53.1	1.1	184	120	-1	06	-1	06	22.0	30.0	
3	60	-1	91	-49.8	10.6	137	120	-1	5.7	-40.8	2.9	185	110	-1	02	-1	02	22.2	23.2	
4	320	-1	76	-45.7	10.4	138	120	-1	5.7	-40.8	3.3	186	210	-1	03	-1	03	22.3	33.3	
5	330	-1	99	-51.7	17.3	139	110	-1	4.3	-37.1	1.1	187	200	-1	06	-1	06	20.0	5.0	
6	330	-1	78	-46.2	10.9	140	110	-1	4.2	-36.9	2.9	188	200	-1	05	-1	05	20.0	5.0	
7	0	-1	70	-44.2	10.9	141	250	-1	3.8	-35.8	0.4	189	210	-1	04	-1	04	19.9	9.9	
8	210	-1	74	-45.4	13.5	142	250	-1	4.2	-37.0	0.0	190	200	-	94	-1	94	22.5	5.5	
9	110	-1	45	-37.8	11.1	143	330	-1	1.6	-32.6	7.7	191	160	-	92	-	92	23.7	7.7	
10	240	-1	89	-49.9	13.3	144	330	-1	1.1	-31.9	9.9	192	240	-1	13	-1	13	24.4	4.4	
11	230	-2	12	-55.1	11.1	145	250	-1	2.8	-33.3	1.1	193	240	-1	12	-1	12	24.4	4.4	
12	10	-1	48	-38.6	14.1	146	250	-1	3.0	-33.3	2.2	194	240	-1	36	-1	36	23.4	4.4	
13	330	-1	64	-42.7	10.8	147	250	-1	3.7	-40.8	6.6	195	240	-2	04	-1	04	21.1	5.9	
14	170	-1	41	-36.6	16.2	148	250	-2	3.0	-45.9	8.8	196	240	-1	65	-1	65	22.0	5.5	
101	100	-1	71	-44.4	16.2	149	250	-2	3.3	-45.5	8.8	197	240	-1	43	-1	43	22.4	4.4	
102	100	-1	59	-41.3	24.4	150	190	-1	2.7	-33.3	5.5	198	240	-1	72	-1	72	22.0	4.4	
103	300	-1	51	-39.3	20.5	151	250	-1	2.3	-33.3	5.5	199	200	-1	22	-1	22	23.6	6.6	
104	120	-1	32	-34.4	17.4	152	210	-1	2.2	-31.7	7.7	200	10	1	09	-1	09	24.4	4.4	
105	120	-1	49	-38.8	20.2	153	330	-1	1.2	-32.8	8.8	201	30	-	97	-	97	22.5	3.3	
106	100	-1	60	-41.5	19.9	154	50	-1	0.7	-32.6	8.8	202	10	-	97	-	97	22.5	3.3	
107	100	-1	67	-43.1	19.1	155	10	-1	0.7	-32.7	8.8	203	10	1	02	-1	02	22.6	4.4	
108	240	-1	64	-42.4	19.7	156	30	-1	0.3	-32.6	8.8	204	350	-	99	-	99	22.5	7.7	
109	130	-1	74	-45.3	19.5	157	0	-1	1.1	-32.5	6.6	205	240	-1	19	-1	19	22.7	9.9	
110	250	-1	84	-47.7	18.8	158	0	-1	1.1	-32.2	5.5	206	330	-1	07	-1	07	22.7	9.9	
111	250	-1	64	-42.7	17.1	159	350	-1	1.1	-32.3	5.5	207	240	-1	19	-1	19	22.6	3.3	
112	250	-1	87	-48.9	20.4	160	350	-1	1.1	-32.3	5.5	208	240	-1	38	-1	38	22.6	2.2	
113	260	-2	34	-60.8	24.5	161	240	-1	1.1	-33.8	8.8	209	240	-1	13	-1	13	21.1	5.5	
114	80	-1	17	-26.8	30.0	162	250	-1	1.1	-33.5	6.6	301	330	-1	84	-1	84	22.8	8.8	
115	50	-1	15	-28.8	28.8	163	260	-1	1.1	-33.8	6.6	302	330	-1	92	-1	92	22.9	7.7	
116	20	-1	08	-26.8	28.8	164	260	-1	1.1	-33.9	6.6	303	320	-1	93	-1	93	22.8	8.8	
117	0	-1	12	-23.3	29.2	165	130	-1	1.1	-33.1	1.1	304	330	-1	59	-1	59	23.0	4.4	
118	0	-1	08	-22.3	28.8	166	250	-1	1.1	-33.5	3.3	305	180	-1	91	-1	91	22.9	7.7	
119	10	-1	22	-28.8	31.1	167	110	-1	1.1	-33.7	7.7	306	180	-2	20	-1	20	24.4	4.4	
120	240	-1	20	-31.3	29.1	168	110	-1	1.1	-33.7	7.7	307	320	-1	92	-1	92	22.8	8.8	
121	330	-1	11	-26.6	28.8	169	130	-1	1.1	-33.3	8.8	308	320	-1	71	-1	71	22.2	5.5	
122	110	-1	44	-37.7	33.1	170	120	-1	1.1	-33.3	8.8	309	330	-1	56	-1	56	22.9	9.9	
123	80	-1	19	-33.0	31.1	171	300	-1	1.1	-33.5	6.6	310	190	-1	78	-1	78	23.0	6.0	
124	100	-1	17	-30.5	28.9	172	10	1	0.6	-33.3	1.1	311	180	-1	82	-1	82	22.8	6.0	
125	100	-1	07	-27.7	27.7	173	10	1	0.9	-33.3	3.3	312	180	-1	73	-1	73	22.9	9.9	
126	20	-1	09	-28.2	28.4	174	240	-1	1.1	-33.9	2.2	313	320	-1	58	-1	58	23.3	3.3	
127	250	-1	10	-22.2	28.8	175	240	-1	1.1	-33.1	1.1	314	330	-1	67	-1	67	22.8	8.8	
128	250	-1	07	-22.2	27.7	176	240	-1	1.1	-32.8	8.8	315	320	-1	97	-1	97	22.8	8.8	
129	350	-1	07	-33.5	27.7	177	240	-1	1.1	-33.8	8.8	316	320	-1	72	-1	72	22.9	8.8	
130	250	-1	19	-33.0	29.2	178	240	-1	1.1	-33.8	8.8	317	330	-2	04	-1	04	22.7	9.9	
131	250	-1	32	-33.3	29.3	179	240	-1	1.1	-33.9	6.6	318	180	-1	58	-1	58	22.9	9.9	
132	250	-2	17	-60.3	29.9	180	120	-1	1.1	-33.1	4.4	319	190	-1	40	-1	40	22.9	9.9	
133	250	-1	11	-60.3	29.9	181	250	-1	1.1	-33.6	6.6	320	330	-1	72	-1	72	22.9	9.9	
134	250	-2	30	-59.7	29.1	182	200	-1	3.0	-33.7	7.7	321	320	-1	84	-1	84	22.6	8.8	

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :  
LARGEST VALUES OF CLADDING LOAD

FIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE		TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE		TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE	
			PEAK ----- PSF	PEAK ----- PSF				PEAK ----- PSF	PEAK ----- PSF				PEAK ----- PSF	PEAK ----- PSF
322	330	-1.79	-46.7	22.0	422	190	-1.15	-27.9	29.9	501	190	-2.31	-60.2	29.2
323	330	-1.91	-49.5	22.6	423	200	-1.26	-32.7	29.0	502	200	-2.30	-60.9	32.2
324	330	-2.36	-61.4	22.6	424	150	-1.11	-26.1	29.0	503	200	-1.47	-38.9	30.0
325	330	-1.68	-43.7	22.6	425	100	-1.63	-42.4	28.9	504	200	-1.46	-37.9	28.8
326	330	-1.81	-47.1	22.6	426	26.0	-1.23	-32.0	29.7	505	30	-1.76	-45.7	31.5
327	180	-1.47	-38.2	22.6	427	40	-1.66	-43.1	28.8	506	40	-1.86	-48.4	33.3
328	330	-1.97	-51.1	22.6	428	33.4	-1.32	-34.4	29.9	507	200	-1.79	-46.6	33.0
329	330	-2.10	-54.5	22.6	429	200	-1.32	-34.3	29.9	508	200	-1.87	-46.8	31.1
330	330	-1.85	-48.2	22.6	430	200	-1.14	-29.4	29.7	509	200	-1.87	-46.8	31.1
331	330	-1.64	-42.7	22.6	431	190	-1.22	-27.7	29.8	510	200	-1.42	-38.8	31.8
332	330	-1.93	-50.2	22.6	432	180	-1.15	-21.5	29.0	511	40	-1.53	-39.7	23.7
333	330	-1.65	-42.9	22.6	433	180	-1.19	-23.9	29.9	512	40	-1.86	-46.6	25.5
334	330	-2.01	-52.2	22.6	434	160	-1.18	-23.9	29.9	513	40	-1.44	-36.6	22.5
335	330	-1.49	-38.7	22.6	435	160	-1.21	-31.1	29.9	514	210	-1.48	-38.8	26.9
336	330	-1.77	-46.0	22.6	436	90	-1.39	-36.0	29.4	515	190	-1.48	-38.8	26.9
337	330	-1.78	-46.2	22.6	437	226.0	-1.34	-34.8	29.2	516	40	-1.89	-49.1	29.0
338	330	-1.84	-47.8	22.6	438	144.0	-1.22	-33.9	29.3	517	200	-1.42	-37.7	29.4
339	330	-1.34	-34.8	22.6	439	227.0	-1.34	-34.0	29.3	518	200	-1.44	-37.7	31.3
340	330	-1.21	-31.4	22.6	440	227.0	-1.33	-33.5	29.6	519	30	-1.97	-51.1	22.2
341	330	-1.73	-44.4	22.6	441	227.0	-1.35	-35.1	29.9	520	40	-1.37	-35.3	30.0
342	330	-1.96	-51.0	22.6	442	190	-1.10	-26.7	28.8	521	40	-2.05	-53.4	26.7
343	330	-1.98	-52.4	22.6	443	190	-1.10	-26.6	28.8	522	40	-2.05	-53.4	26.7
344	330	-1.09	-28.4	22.6	444	180	-1.05	-23.8	27.7	523	20	-1.60	-41.7	29.5
345	330	-1.14	-29.5	22.6	445	160	-1.05	-27.7	27.4	524	40	-1.96	-51.3	23.3
346	330	-1.37	-35.6	22.6	446	110	-1.31	-34.2	28.8	525	0	-1.90	-49.9	32.3
347	330	-1.95	-50.7	22.6	447	220	-1.35	-35.0	28.9	526	200	-1.53	-39.9	29.9
348	330	-1.99	-52.7	22.6	448	277.0	-1.44	-37.6	26.6	527	200	-2.02	-52.5	30.4
401	270	-1.28	-33.2	22.6	449	299.0	-1.45	-37.7	24.4	528	210	-2.15	-55.5	29.1
402	270	-1.45	-37.6	22.6	450	228.0	-1.47	-38.6	24.4	529	20	-2.87	-68.7	19.8
403	300	-1.14	-29.6	22.6	451	228.0	-1.47	-38.2	24.4	530	200	-2.15	-56.0	22.0
404	330	-1.52	-39.4	22.6	452	277.0	-1.73	-45.0	24.4	531	190	-1.95	-50.6	25.1
405	330	-2.35	-61.1	22.6	453	280.0	-1.27	-33.1	22.2	532	40	-1.89	-49.1	22.2
406	330	-1.39	-36.1	22.6	454	280.0	-1.05	-22.5	27.7	533	200	-1.66	-43.3	25.5
407	290	-1.48	-38.8	22.6	455	190	-1.45	-37.9	27.9	534	190	-1.81	-47.0	25.2
408	300	-1.53	-39.8	22.6	456	110	-1.34	-34.9	27.0	535	200	-1.93	-50.0	27.7
409	90	-1.44	-37.4	22.6	457	35.0	-1.49	-38.9	24.4	536	30	-1.72	-44.4	27.7
410	330	-1.10	-26.8	22.6	458	110	-1.47	-38.2	26.6	537	30	-1.98	-51.5	20.6
411	330	-1.04	-27.1	22.6	459	227.0	-1.29	-33.6	22.2	538	210	-1.84	-47.9	21.1
412	190	-1.12	-27.4	22.6	460	220.0	-1.55	-40.0	22.2	539	200	-1.94	-50.3	23.4
413	180	-1.05	-27.2	22.6	461	228.0	-1.61	-40.0	22.2	540	20	-2.41	-62.5	18.1
414	280	-1.23	-32.2	22.6	462	228.0	-1.64	-42.6	25.5	541	210	-2.33	-60.2	20.0
415	160	-1.13	-24.3	22.6	463	277.0	-1.31	-34.2	22.2	542	200	-1.75	-45.4	22.2
416	160	-1.12	-23.5	22.6	464	190	-1.23	-24.7	22.2	543	20	-1.54	-40.2	31.1
417	260	-1.43	-33.3	22.6	465	190	-1.18	-23.7	22.2	544	210	-1.46	-36.6	29.5
418	260	-1.39	-33.7	22.6	466	190	-1.13	-23.8	22.2	545	210	-1.42	-36.6	28.8
419	200	-1.11	-27.2	22.6	467	140	-1.17	-24.1	23.0	546	210	-1.46	-37.7	25.3
420	190	-1.17	-28.0	22.6	468	30	-1.10	-22.4	23.0	547	10	-1.32	-34.4	27.7
421	180	-1.12	-26.3	22.6	469	110	-1.00	-26.0	22.7	548	10	-1.25	-32.6	24.9



TABLE 6A. PEAK LOADS FOR CONFIGURATION A :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF	----- PSF				----- PSF	----- PSF				----- PSF	----- PSF
549	200	-.98	-25.4	23.2	555	120	-1.11	-28.9	24.7	905	250	-1.16	-30.1	20.6
550	120	-1.07	-27.9	20.3	556	120	-1.16	-30.2	25.8	906	340	1.13	-28.8	29.4
551	110	-1.28	-33.3	20.3	901	250	-1.33	-34.6	30.0	907	0	.98	-23.6	25.6
552	0	-1.15	-29.8	27.7	902	10	1.22	-30.0	31.6	908	200	-1.06	-27.6	19.3
553	210	-1.19	-31.0	24.3	903	30	1.06	-27.3	27.7	909	200	-1.05	-27.3	21.0
554	200	-.96	-24.9	22.8	904	330	-1.32	-34.3	20.5	910	210	-1.25	-32.6	24.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

\* \* 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
540	20	-2.41	-62.5	18.1
324	320	-2.36	-61.4	26.3
405	330	-2.35	-61.1	21.5
113	260	-2.34	-60.8	24.5
541	210	-2.33	-60.7	20.2
501	190	-2.31	-60.2	29.2
133	250	-2.31	-60.1	29.2
502	200	-2.30	-59.9	32.6
148	250	-2.30	-59.8	31.4
134	250	-2.30	-59.7	29.1
1	180	-2.22	-57.6	14.3
306	180	-2.20	-57.2	24.4
530	200	-2.15	-56.0	22.0
528	210	-2.15	-55.8	29.1
11	230	-2.12	-55.1	11.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
1	190	-1.79	-46.6	16.5	135	120	-2.27	-59.1	28.5	183	120	-1.39	-36.2	21.8
2	40	-1.61	-42.0	10.8	136	170	-1.17	-36.3	17.0	184	120	-1.43	-37.1	21.5
3	70	-1.79	-46.4	11.7	137	110	-2.37	-61.5	28.1	185	120	-1.43	-37.1	21.5
4	70	-1.46	-37.9	11.7	138	120	-2.36	-61.5	28.4	186	130	-1.02	-26.6	22.7
5	350	-1.96	-51.0	9.6	139	120	-1.96	-49.5	29.0	187	120	-1.07	-27.7	22.5
6	180	-1.64	-42.6	12.9	140	120	-1.58	-41.0	30.8	188	120	-1.05	-27.3	22.0
7	140	-1.35	-35.1	12.2	141	120	-1.35	-35.4	30.8	189	120	-1.40	-35.3	23.6
8	140	-1.47	-38.3	6.4	142	100	-1.11	-33.0	33.3	190	130	-1.97	-55.1	20.0
9	130	-1.48	-38.4	9.5	143	120	-1.28	-33.2	27.9	191	130	-1.10	-28.7	23.3
10	350	-1.30	-33.0	10.1	144	0	-1.01	-23.2	26.2	192	350	1.93	50.9	24.1
11	20	-1.58	-41.1	11.9	145	120	-1.27	-33.3	28.5	193	350	1.01	28.7	21.1
12	10	-1.34	-34.9	12.4	146	350	1.03	22.9	26.8	194	350	-1.97	-55.5	22.2
13	350	-1.38	-35.9	11.6	147	350	-1.82	-21.3	21.4	195	190	-1.91	-23.3	22.0
14	150	-1.70	-44.4	3.3	148	170	-1.97	-25.1	11.7	196	190	-1.84	-21.1	16.1
101	120	-2.06	-53.3	24.4	149	170	-1.09	-28.4	6.7	197	190	-1.77	-22.1	13.4
102	120	-1.70	-44.3	23.8	150	110	-2.55	-64.9	27.1	198	120	-1.94	-22.0	19.9
103	120	-1.53	-39.8	18.4	151	170	-2.22	-31.7	27.0	199	120	-1.13	-30.9	11.1
104	140	-1.22	-31.8	18.1	152	110	-2.39	-62.2	28.7	200	30	1.16	28.8	11.1
105	120	-1.59	-41.5	20.7	153	110	-2.37	-61.5	29.0	201	30	1.09	28.0	11.1
106	120	-1.78	-46.3	21.7	154	120	-2.03	-52.9	28.3	202	20	1.05	28.5	11.1
107	110	-1.75	-45.5	22.2	155	120	-1.53	-39.9	27.7	203	140	-1.00	-28.5	11.1
108	140	-1.46	-38.8	18.2	156	110	-1.13	-23.9	27.2	204	350	1.11	30.2	11.1
109	130	-1.61	-41.2	17.7	157	90	-1.09	-23.8	27.2	205	350	1.14	31.1	11.1
110	130	-1.74	-45.8	16.7	158	90	-1.03	-26.7	25.6	206	350	1.09	28.6	11.1
111	130	-1.34	-35.7	16.3	159	350	1.96	21.0	24.9	207	350	-1.96	-55.5	11.1
112	160	-1.03	-26.6	9.9	160	0	0.94	22.4	24.5	208	190	-1.79	-22.4	18.7
113	170	-1.10	-28.5	8.1	161	350	1.96	22.2	24.9	209	150	-1.80	-20.0	14.8
114	120	-1.46	-37.7	2.9	162	60	-1.83	-21.1	19.1	301	170	-1.59	-14.1	8.4
115	120	-1.59	-41.4	2.9	163	190	-1.98	-25.5	8.6	302	170	-1.37	-11.3	8.6
116	120	-1.27	-32.9	2.9	164	170	-1.01	-26.6	6.9	303	180	-1.43	-11.7	11.1
117	30	-1.17	-22.0	2.9	165	110	-2.37	-61.5	26.7	304	170	-1.26	-10.7	10.7
118	10	1.14	22.9	2.9	166	160	1.95	24.4	7.9	305	170	-1.62	-14.2	9.9
119	0	1.14	22.9	2.9	167	110	-2.29	-59.5	27.6	306	170	-2.11	-10.0	11.1
120	0	1.19	23.0	2.8	168	110	-2.39	-62.2	26.4	307	160	-1.25	-13.2	10.3
121	350	1.09	22.7	2.8	169	120	-1.72	-34.7	23.4	308	160	-1.07	-11.7	7.8
122	110	-2.50	-64.4	2.9	170	140	-1.33	-34.7	24.5	309	180	-1.18	-12.8	8.0
123	110	-1.60	-41.5	3.0	171	140	-1.12	-29.9	25.2	310	180	-1.48	-14.4	8.4
124	120	-1.82	-47.3	3.0	172	90	-1.10	-23.8	22.9	311	180	-1.70	-14.8	7.7
125	120	-1.15	-30.3	2.9	173	130	-1.91	-23.3	22.5	312	180	-1.73	-14.9	10.0
126	10	1.18	25.2	3.0	174	350	1.84	19.9	21.9	313	160	-1.45	-13.3	9.9
127	10	1.18	25.2	3.0	175	350	1.95	21.7	24.7	314	190	-1.87	-14.8	9.9
128	0	1.09	22.8	4.4	176	0	0.93	22.2	24.1	315	170	-1.36	-11.5	8.8
129	350	1.07	22.7	4.4	177	190	-1.05	-26.4	17.9	316	170	-1.14	-11.4	9.9
130	0	1.03	22.6	4.9	178	160	-1.02	-26.5	10.1	317	170	-1.33	-11.3	9.9
131	350	1.99	22.2	8.8	179	160	-1.11	-23.7	9.3	318	190	-1.60	-14.3	10.0
132	160	-1.88	-22.2	8.8	180	120	-2.36	-61.3	25.6	319	190	-1.43	-11.1	11.1
133	170	-1.86	-22.2	5.4	181	160	-1.87	-22.6	8.1	320	180	-1.35	-11.5	13.5
134	170	-1.94	-22.4	6.4	182	120	-2.24	-58.3	22.3	321	160	-1.40	-11.6	9.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI-NUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI-NUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI-NUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
3222	190	-1.36	-35.3	14.8	422	100	-1.19	-30.9	29.1	501	180	-2.28	-59.2	24.5
3223	170	-1.47	-38.1	9.9	423	180	1.13	-25.2	29.3	502	180	-2.11	-54.9	24.9
3224	170	-1.46	-38.0	9.5	424	150	1.22	-24.4	31.8	503	300	-1.40	-36.4	25.3
3225	170	-1.36	-35.2	8.7	425	150	1.21	-26.5	31.6	504	300	-1.35	-35.0	26.3
3226	180	-1.66	-41.5	9.9	426	190	1.84	-21.0	30.0	505	40	-1.80	-46.9	26.4
3227	170	-1.80	-46.9	8.8	427	150	1.19	-24.1	30.9	506	40	-1.82	-47.3	28.7
3228	180	-1.51	-39.3	9.3	428	190	1.97	-21.1	31.1	507	190	-2.00	-52.0	29.9
3229	150	-1.43	-37.3	8.5	429	190	1.04	-21.2	30.9	508	190	-1.92	-50.0	31.9
3300	180	-1.44	-37.4	9.4	430	190	1.15	-19.0	30.0	509	190	-2.03	-52.7	31.2
3301	160	-1.25	-32.6	10.3	431	190	1.29	-19.0	33.6	510	40	-1.49	-38.5	30.5
3302	150	-1.11	-29.0	8.8	432	180	1.20	-21.5	31.3	511	40	-1.70	-44.2	32.5
3303	170	-1.15	-30.0	8.8	433	180	1.21	-27.7	31.4	512	40	-1.70	-44.2	33.1
3304	170	-1.45	-37.7	8.9	434	100	-1.35	-35.5	31.9	513	110	-1.31	-33.3	34.0
3305	180	-1.36	-35.3	8.9	435	90	-1.28	-33.3	31.1	514	40	-1.41	-36.6	32.3
3306	170	-1.53	-39.8	10.3	436	100	-1.31	-34.1	33.3	515	40	-1.63	-42.9	32.7
3307	130	-1.96	-24.9	10.0	437	350	-1.93	-24.3	27.6	516	40	-1.63	-42.3	32.3
3308	170	-1.87	-28.7	10.2	438	100	-1.31	-34.3	28.2	517	40	-1.88	-49.0	29.5
3309	350	-1.98	-25.4	10.0	439	350	-1.96	-25.0	19.9	518	40	-1.77	-46.0	29.3
3400	350	-1.06	-27.6	10.0	440	190	1.86	-18.9	22.3	519	300	-1.66	-43.1	31.3
3401	350	-1.74	-45.2	9.8	441	190	1.95	-18.9	24.7	520	190	-1.63	-43.0	29.8
3402	330	-1.63	-42.4	9.9	442	180	1.02	-21.8	26.6	521	300	-1.79	-46.3	31.8
3403	330	-1.88	-22.5	9.9	443	180	1.02	-24.1	26.6	522	300	-1.75	-45.6	32.2
3404	330	-1.87	-22.5	9.9	444	190	1.07	-27.6	27.7	523	300	-1.47	-38.2	28.4
3405	350	-1.85	-22.1	11.5	445	100	-1.32	-34.4	32.0	524	40	-1.93	-50.1	29.3
3406	350	-1.03	-26.7	9.9	446	100	-1.59	-41.4	32.6	525	300	-1.46	-37.9	27.9
3407	350	-1.06	-27.5	8.5	447	100	-1.30	-33.8	29.3	526	180	-1.46	-38.0	31.4
3408	350	-1.86	-22.3	10.6	448	150	-1.75	-19.4	26.4	527	300	-1.77	-46.0	27.3
401	60	-1.96	-22.3	15.7	449	100	-1.26	-32.7	26.1	528	300	-1.58	-41.1	28.6
402	80	-1.07	-27.9	18.7	450	150	-1.80	-26.8	18.5	529	40	-1.79	-46.5	29.5
403	80	-1.44	-27.9	20.0	451	40	-1.74	-19.9	17.9	530	50	-1.82	-47.4	29.9
404	50	-1.83	-47.6	19.9	452	190	1.96	-20.0	25.1	531	300	-2.30	-59.8	28.6
405	40	-2.26	-58.7	19.9	453	190	1.97	-21.4	25.3	532	40	-1.73	-45.1	27.1
406	40	-1.84	-47.8	19.9	454	190	1.05	-24.2	27.2	533	300	-1.96	-50.9	26.5
407	40	-1.28	-33.4	21.8	455	170	1.02	-26.5	26.5	534	300	-1.66	-43.2	25.7
408	30	-1.26	-32.6	21.8	456	90	-1.27	-33.0	23.9	535	300	-1.74	-45.3	24.7
409	100	-1.26	-32.7	21.3	457	90	-1.19	-31.0	25.8	536	300	-1.42	-36.9	26.8
410	180	1.01	-25.9	26.2	458	90	-1.28	-33.2	25.4	537	300	-1.75	-45.5	30.6
411	180	1.12	-27.9	29.9	459	350	-1.04	-26.9	14.2	538	300	-1.68	-43.7	29.7
412	180	1.93	-24.7	25.9	460	90	-1.38	-33.8	24.3	539	180	-1.43	-37.2	25.8
413	180	1.98	-24.0	25.9	461	150	-1.81	-21.0	8.0	540	40	-1.53	-39.8	22.9
414	180	1.01	-25.6	26.2	462	350	-1.70	-18.8	9.3	541	190	-2.37	-58.9	22.8
415	180	1.08	-24.1	28.0	463	350	-1.65	-16.8	10.9	542	180	-1.78	-46.2	22.7
416	160	1.19	-26.0	30.9	464	300	-1.71	-18.9	13.0	543	40	-1.39	-36.2	21.8
417	70	-1.95	-24.8	19.0	465	190	1.79	-17.7	20.7	544	40	-1.15	-30.0	20.8
418	190	1.90	-22.4	23.4	466	190	1.13	-22.9	29.4	545	190	-1.14	-29.9	21.0
419	180	1.11	-21.0	28.9	467	150	1.25	-27.9	32.4	546	300	-1.16	-30.0	21.2
420	180	1.15	-24.9	29.9	468	90	-1.50	-39.9	32.2	547	300	-1.45	-37.0	27.3
421	90	-1.61	-41.7	26.6	469	90	-1.31	-34.0	22.9	548	300	-1.53	-34.5	27.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF	----- PSF				----- PSF	----- PSF				----- PSF	----- PSF
549	120	-1.19	-30.9	25.0	555	130	-1.14	-29.8	25.2	905	160	-1.05	-27.3	15.5
550	120	-1.26	-32.8	22.7	556	130	-1.23	-32.0	26.8	906	350	-1.11	-23.4	28.9
551	120	-1.19	-31.1	22.1	901	350	1.13	-23.4	29.3	907	130	-1.22	-31.6	25.4
552	120	1.08	-26.1	28.2	902	20	1.13	-29.0	29.5	908	190	-1.37	-35.7	24.0
553	190	-.97	-25.2	24.5	903	120	-1.29	-33.6	31.0	909	110	-.97	-25.3	20.4
554	120	-.96	-25.0	24.8	904	350	-.91	-23.7	10.4	910	30	-1.02	-26.4	22.5

TABLE SA. PEAK LOADS FOR CONFIGURATION B :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

\* \* 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
150	110	-2.50	-64.9	27.1
122	110	-2.50	-64.9	29.0
168	110	-2.39	-62.2	26.4
152	110	-2.39	-62.2	28.7
165	110	-2.37	-61.5	26.7
137	110	-2.37	-61.5	28.1
153	110	-2.37	-61.5	29.0
180	120	-2.36	-61.3	25.6
138	120	-2.36	-61.3	28.4
531	30	-2.30	-59.8	28.6
167	110	-2.29	-59.5	27.6
501	180	-2.28	-59.2	24.5
135	120	-2.27	-59.1	28.5
541	190	-2.27	-58.9	22.8
405	40	-2.26	-58.7	19.9

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : PIC LAS COLINAS OFFICE BUILDING  
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF  
REF. PRESSURE = 26.0 PSF

TAP	AZIMUTH	A CONFIG PSF LOAD	AZIMUTH	B CONFIG PSF LOAD
14	170	-36.6	150	-44.3
101	100	-44.4	120	-53.5
114	80	-26.8	120	-37.9
115	50	-26.6	120	-41.4
116	20	-26.2	120	-32.9
122	110	-37.4	110	-64.9
123	80	-30.1	110	-41.5
124	100	-30.5	120	-47.3
127	350	-22.4	10	-27.7
135	100	-43.9	120	-59.1
137	120	-40.8	110	-61.5
138	120	-40.3	120	-61.3
139	110	-37.1	120	-49.5
143	350	-26.7	120	-33.2
150	190	-33.2	110	-64.9
152	210	-31.7	110	-62.2
153	70	-26.8	110	-61.5
154	50	-26.8	120	-52.9
155	10	-27.8	120	-39.8
165	130	-33.0	110	-61.5
167	110	-33.7	110	-59.5
168	110	-33.7	110	-62.2
169	130	-33.8	120	-44.7
170	120	-28.6	140	-34.7
172	10	-23.1	90	-28.6
180	120	-33.4	120	-61.3
182	200	-33.7	120	-58.3
184	120	-27.5	120	-37.1
185	110	-26.5	120	-37.1
189	210	-27.0	120	-36.3
314	330	-44.3	190	-48.7
327	180	-22.2	170	-46.9
403	0	-25.5	80	-37.4
404	330	-25.9	50	-47.6
406	320	-26.4	40	-47.8
421	180	-26.1	90	-41.7
434	160	-24.9	100	-35.0
445	160	-27.3	100	-34.4
446	110	-24.2	100	-41.4
468	30	-28.6	90	-39.0
469	110	-26.0	90	-34.0
507	200	-44.6	190	-52.0
517	200	-33.0	40	-49.0
518	200	-37.4	40	-46.0
531	190	-25.6	30	-59.8
533	200	-24.1	30	-50.9
549	200	-25.4	120	-30.9
903	30	-33.3	120	-33.6

TABLE 5B. COMPARISON OF CONFIGURATIONS A AND B ; PIC LAS COLINAS OFFICE BUILDING  
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF  
REF. PRESSURE = 26.0 PSF

TAP	AZIMUTH	A CONFIG PSF LOAD	AZIMUTH	B CONFIG PSF LOAD
907	0	-23.6	130	-31.6
908	200	-27.6	190	-35.7



TABLE 6A. PEAK LOADS FOR CONFIGURATION C :  
LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
REFERENCE PRESSURE = 26.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK ----- PSF
113	254	-2.50	-64.9	18.3	405	324	-1.66	-43.3	22.2	540	18	-2.06	-53.5	9.1
324	328	-2.19	-56.9	23.3										

TABLE 6A. PEAK LOADS FOR CONFIGURATION C :  
 LARGEST VALUES OF CLADDING LOAD

PIC LAS COLINAS OFFICE BUILDING  
 REFERENCE PRESSURE = 26.0 PSF

\* \* 4 GREATEST PRESSURE COEFFICIENT MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
113	254	-2.50	-64.9	18.3
324	328	-2.19	-56.9	23.3
540	18	-2.06	-53.5	9.1
405	324	-1.66	-43.3	22.2

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : PIC LAS COLINAS OFFICE BUILDING  
 CONFIGURATION A REFERENCE PRESSURE 26.0 GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-2157.7	-86.9	16.5	-375.0	-10.2	0	3
10	-1963.9	-42.0	7.8	-338.9	-25.7	1	10
20	-1766.5	22.6	-4.3	-305.8	-36.8	-1	15
30	-1538.2	34.7	-4.8	-268.6	-46.3	-1	22
40	-1200.4	42.2	-3.8	-208.0	-50.3	-3	31
50	-830.7	170.0	-26.2	-144.2	-49.9	-24	43
60	-502.7	356.9	-61.6	-85.8	-41.5	-78	41
70	-190.8	529.1	-94.4	-31.3	-32.5	-109	15
80	-63.1	488.0	-91.0	-10.8	-22.3	-130	7
90	147.8	218.1	-42.2	28.9	-21.2	-133	-33
100	463.4	135.8	-28.2	88.5	-7.7	8	10
110	868.4	295.9	-56.3	148.8	20.3	14	16
120	1186.7	399.8	-73.0	201.9	22.4	13	14
130	1383.1	447.2	-80.5	233.7	22.8	12	14
140	1565.8	425.8	-75.4	268.1	23.6	10	13
150	1716.3	384.1	-66.9	295.0	23.5	7	12
160	1782.3	295.8	-50.0	310.4	22.9	4	9
170	1835.1	240.8	-40.2	320.9	15.8	2	6
180	1930.0	172.2	-29.6	336.6	10.9	1	4
190	1947.6	-21.0	5.8	336.5	1.5	0	-0
200	1970.0	-265.5	48.8	336.5	-11.5	2	-4
210	1940.8	-431.1	76.5	336.2	-19.7	4	-7
220	1842.3	-480.1	86.3	317.0	-26.0	7	-10
230	1740.3	-512.4	93.8	298.3	-30.2	9	-12
240	1630.9	-446.5	84.1	276.9	-33.7	11	-14
250	1276.0	-243.9	44.6	222.4	-37.4	11	-21
260	662.1	-133.2	28.9	121.2	-45.6	9	-17
270	267.9	-211.1	41.6	52.0	-57.5	5	-25
280	-97.7	-438.7	80.8	-16.3	-67.0	16	-13
290	-189.9	-583.0	102.2	-29.4	-75.3	14	-17
300	-521.5	-646.4	111.8	-88.1	-81.0	11	-34
310	-1046.3	-467.8	82.0	-176.9	-82.2	4	-37
320	-1524.1	-195.1	34.7	-258.6	-87.5	10	-28
330	-2081.4	-119.9	21.3	-333.2	-97.7	2	-12
340	-2110.2	-228.7	45.8	-365.5	-104.7	3	-9
350	-2243.7	-186.5	32.7	-388.5	-116.3	0	-2

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 CONFIGURATION B REFERENCE PRESSURE 26.0 GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-1896.1	-101.6	16.8	-334.1	8.2	-0	-3
10	-1884.7	-14.3	2.3	-330.1	-13.5	-0	5
20	-1800.5	25.9	-7.3	-312.7	-29.9	-0	12
30	-1679.9	54.4	-11.6	-291.7	-44.8	-2	20
40	-1375.8	54.4	-8.8	-231.2	-53.2	-3	29
50	-1044.2	254.7	-42.7	-176.4	-50.8	-22	34
60	-584.1	493.0	-85.0	-98.4	-43.8	-74	32
70	-187.6	607.9	-106.3	-31.8	-29.0	-87	10
80	69.1	577.0	-104.3	10.6	-17.3	-59	-3
90	400.3	427.8	-79.7	66.5	-5.6	-14	-5
100	851.2	307.7	-60.2	151.5	15.8	12	12
110	1361.1	157.0	-34.5	237.7	47.7	8	26
120	1522.4	152.9	-29.4	259.8	55.0	7	27
130	1557.2	408.6	-74.7	264.5	36.4	11	16
140	1647.9	450.4	-81.5	282.1	33.3	10	14
150	1781.5	384.1	-69.0	312.6	29.2	7	12
160	1751.2	270.0	-47.7	310.3	19.3	3	8
170	1725.6	171.9	-31.0	307.9	11.7	1	5
180	1677.3	18.1	-5.7	300.3	3.7	0	2
190	1717.0	-125.1	22.5	303.9	-5.6	0	-2
350	-1757.4	-189.5	34.2	-310.2	27.8	-3	-12

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-3.2	4.1	112	150	-28.6	26.1	-12	3	-2157.7	-86.9	16.5	-375.0	-10.2
LBBY	12.50	-47.3	7.9	1911	1298	-24.7	6.1	-3	8	-2154.5	-91.0	15.4	-348.0	-10.1
2ND	25.00	-77.5	-2.1	3063	1485	-25.3	-1.4	0	6	-2107.2	-98.9	14.2	-321.4	-9.6
3RD	37.50	-81.3	-4.0	3270	1485	-24.9	-2.7	1	5	-2029.7	-96.8	13.0	-295.5	-9.0
4TH	50.00	-80.5	-4.2	3270	1485	-24.6	-2.8	1	5	-1948.4	-92.8	11.8	-270.7	-8.5
5TH	62.50	-80.2	-4.4	3270	1485	-24.5	-3.0	1	6	-1867.9	-88.6	10.6	-246.8	-7.9
6TH	75.00	-80.2	-4.4	3270	1485	-24.5	-2.9	1	6	-1787.7	-84.1	9.6	-224.0	-7.3
7TH	87.50	-80.6	-4.3	3270	1485	-24.7	-2.9	1	6	-1707.6	-79.8	8.5	-202.1	-6.7
8TH	100.00	-82.5	-4.2	3270	1485	-25.2	-2.8	1	5	-1626.9	-75.5	7.6	-181.3	-6.0
9TH	112.50	-84.4	-4.4	3270	1485	-25.8	-2.9	1	5	-1544.4	-71.3	6.6	-161.4	-5.4
10TH	125.00	-86.5	-4.5	3270	1485	-26.4	-3.0	1	5	-1460.0	-66.9	5.8	-142.7	-4.8
11TH	137.50	-88.7	-4.6	3270	1485	-27.1	-3.1	1	5	-1373.5	-62.4	5.0	-125.0	-4.3
12TH	150.00	-90.9	-4.7	3270	1485	-27.8	-3.2	1	5	-1284.8	-57.8	4.2	-108.3	-3.7
13TH	162.50	-92.1	-4.9	3270	1485	-28.2	-3.3	1	4	-1193.9	-53.1	3.5	-92.9	-3.2
14TH	175.00	-93.3	-5.0	3270	1485	-28.5	-3.4	0	3	-1101.8	-48.2	2.9	-78.5	-2.7
15TH	187.50	-94.6	-5.2	3270	1485	-28.9	-3.5	0	3	-1008.5	-43.2	2.3	-65.3	-2.2
16TH	200.00	-96.1	-5.4	3270	1485	-29.4	-3.6	0	2	-913.8	-38.0	1.8	-53.3	-1.9
17TH	212.50	-97.5	-5.5	3270	1485	-29.8	-3.7	0	2	-817.8	-32.7	1.4	-42.5	-1.6
18TH	225.00	-98.1	-5.2	3270	1485	-30.0	-3.5	0	2	-720.2	-27.1	1.0	-32.9	-1.3
19TH	237.50	-98.6	-5.0	3270	1485	-30.1	-3.3	0	1	-622.1	-21.9	.7	-24.5	-1.1
20TH	250.00	-99.3	-4.7	3270	1485	-30.4	-3.2	0	1	-523.5	-16.9	.5	-17.3	-.9
21ST	262.50	-100.5	-4.5	3270	1485	-30.7	-3.0	0	2	-424.3	-12.2	.3	-11.4	-.7
22ND	275.00	-101.6	-4.3	3270	1485	-31.1	-2.9	0	2	-323.8	-7.7	.1	-6.7	-.5
23RD	287.50	-69.0	.7	2093	798	-32.9	.8	-0	1	-222.2	-3.4	.1	-3.3	-.3
24TH	295.50	-153.2	-4.1	6148	2792	-24.9	-1.5	0	1	-153.2	-4.1	.0	-1.8	-.2
TGP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00											7.8	-338.9	-25.7
LBBY	12.50	-2.8	3.6	112	158	-25.0	22.5	-19	5	-1963.9	-42.0	7.2	-314.3	-25.6
2ND	25.00	-42.1	7.9	1911	1298	-22.0	6.1	-8	16	-1919.0	-53.5	6.6	-290.1	-24.7
3RD	37.50	-73.2	-1.5	3063	1485	-23.9	-1.0	1	10	-1845.8	-52.0	5.9	-266.6	-23.7
4TH	50.00	-77.5	-3.4	3270	1485	-23.7	-2.3	1	9	-1768.3	-48.6	5.3	-244.0	-22.8
5TH	62.50	-76.3	-3.4	3270	1485	-23.3	-2.3	1	10	-1692.0	-45.2	4.7	-222.3	-21.8
6TH	75.00	-75.8	-3.3	3270	1485	-23.2	-2.2	1	10	-1616.2	-41.9	4.2	-201.7	-20.7
7TH	87.50	-75.5	-3.0	3270	1485	-23.1	-2.0	1	11	-1540.7	-38.9	3.7	-181.9	-19.6
8TH	100.00	-75.5	-2.8	3270	1485	-23.1	-1.9	1	11	-1465.1	-36.1	3.2	-163.1	-18.5
9TH	112.50	-76.3	-2.9	3270	1485	-23.3	-1.9	1	11	-1388.9	-33.2	2.8	-145.3	-17.4
10TH	125.00	-77.0	-2.8	3270	1485	-23.5	-1.9	1	11	-1311.9	-30.4	2.4	-128.4	-16.3
11TH	137.50	-77.8	-2.7	3270	1485	-23.8	-1.8	1	11	-1234.1	-27.7	2.0	-112.5	-15.2
12TH	150.00	-78.8	-2.6	3270	1485	-24.1	-1.7	1	11	-1155.3	-25.1	1.7	-97.6	-14.0
13TH	162.50	-79.8	-2.4	3270	1485	-24.4	-1.6	1	11	-1075.4	-22.7	1.4	-83.6	-12.8
14TH	175.00	-81.3	-2.3	3270	1485	-24.9	-1.5	1	10	-994.1	-20.4	1.1	-70.7	-11.7
15TH	187.50	-83.1	-2.3	3270	1485	-25.4	-1.6	1	10	-911.1	-18.1	.9	-58.8	-10.6
16TH	200.00	-84.8	-2.4	3270	1485	-25.9	-1.6	1	10	-826.2	-15.7	.7	-47.9	-9.5
17TH	212.50	-86.7	-2.4	3270	1485	-26.5	-1.6	1	9	-739.5	-13.2	.5	-38.2	-8.4
18TH	225.00	-88.6	-2.5	3270	1485	-27.1	-1.7	1	9	-650.9	-10.7	.3	-29.5	-7.3
19TH	237.50	-89.3	-2.3	3270	1485	-27.3	-1.6	1	9	-561.5	-8.4	.2	-21.9	-6.2
20TH	250.00	-90.0	-2.3	3270	1485	-27.5	-1.5	1	8	-471.5	-6.1	.1	-15.4	-5.2
21ST	262.50	-90.8	-2.3	3270	1485	-27.8	-1.5	1	8	-380.7	-3.8	.1	-10.1	-4.2
22ND	275.00	-91.9	-2.1	3270	1485	-28.1	-1.4	1	8	-288.8	-1.7	.0	-5.9	-3.2
23RD	287.50	-93.0	-2.0	3270	1485	-28.4	-1.3	0	8	-195.8	.3	.0	-2.9	-2.2
24TH	295.50	-62.1	1.2	2093	798	-29.7	1.4	-0	8	-133.8	-.9	.0	-1.6	-1.6
TOP	319.00	-133.8	-.9	6148	2792	-21.8	-.3	0	9	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-2.5	3.0	112	158	-22.1	18.7	-25	8	-1766.5	22.6	-4.3	-305.8	-36.8
LBBY	12.50	-38.0	9.2	1911	1298	-19.9	7.1	-15	22	-1764.0	19.6	-4.1	-283.8	-36.7
2ND	25.00	-64.5	1.6	3063	1485	-21.1	1.1	-1	15	-1726.0	10.4	-3.9	-262.0	-35.5
3RD	37.50	-68.4	-.3	3270	1485	-20.9	-.2	0	14	-1661.5	8.8	-3.7	-240.8	-34.2
4TH	50.00	-67.8	-.7	3270	1485	-20.7	-.5	0	15	-1593.1	9.1	-3.6	-220.4	-33.0
5TH	62.50	-67.6	-.9	3270	1485	-20.7	-.6	1	15	-1525.3	9.8	-3.5	-201.0	-31.7
6TH	75.00	-67.7	-.8	3270	1485	-20.7	-.6	1	16	-1457.7	10.7	-3.4	-182.3	-30.3
7TH	87.50	-67.9	-.9	3270	1485	-20.8	-.6	1	17	-1390.1	11.5	-3.2	-164.5	-28.8
8TH	100.00	-68.6	-1.4	3270	1485	-21.0	-1.0	1	17	-1322.1	12.4	-3.1	-147.6	-27.2
9TH	112.50	-68.2	-1.5	3270	1485	-21.1	-1.0	1	16	-1253.5	13.8	-2.9	-131.5	-25.7
10TH	125.00	-69.8	-1.5	3270	1485	-21.4	-1.0	1	16	-1184.3	15.3	-2.8	-116.2	-24.1
11TH	137.50	-70.6	-1.3	3270	1485	-21.6	-.9	1	16	-1114.5	16.9	-2.6	-101.9	-22.6
12TH	150.00	-71.4	-1.1	3270	1485	-21.8	-.7	1	17	-1043.9	18.1	-2.3	-88.4	-21.0
13TH	162.50	-73.0	-.6	3270	1485	-22.3	-.4	0	16	-972.5	19.2	-2.1	-75.8	-19.4
14TH	175.00	-74.8	-.1	3270	1485	-22.9	-.1	0	16	-899.5	19.8	-1.9	-64.1	-17.8
15TH	187.50	-76.7	.4	3270	1485	-23.4	.2	-0	15	-824.8	19.9	-1.6	-53.3	-16.3
16TH	200.00	-78.7	.9	3270	1485	-24.1	.6	-0	15	-748.1	19.6	-1.4	-43.5	-14.7
17TH	212.50	-80.8	1.3	3270	1485	-24.7	.9	-1	15	-669.3	18.7	-1.1	-34.6	-13.1
18TH	225.00	-81.1	1.7	3270	1485	-24.8	1.1	-1	14	-588.5	17.4	-.9	-26.7	-11.5
19TH	237.50	-81.1	1.8	3270	1485	-24.8	1.2	-1	14	-507.4	15.7	-.7	-19.9	-9.9
20TH	250.00	-81.3	1.9	3270	1485	-24.9	1.3	-1	14	-426.2	13.9	-.5	-14.1	-8.3
21ST	262.50	-81.8	2.2	3270	1485	-25.0	1.5	-1	14	-344.9	12.0	-.3	-9.2	-6.8
22ND	275.00	-82.4	2.5	3270	1485	-25.2	1.7	-1	14	-263.1	9.8	-.2	-5.4	-5.2
23RD	287.50	-57.5	2.8	2093	798	-27.4	3.5	-2	14	-180.7	7.3	-.1	-2.7	-3.6
24TH	295.50	-123.3	4.5	6148	2792	-20.0	1.6	-1	15	-123.3	4.5	-.1	-1.4	-2.5
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-2.0	2.8	112	158	-17.8	17.8	-33	9	-1538.2	34.7	-4.8	-268.6	-46.3
LBBY	12.50	-28.9	10.8	1911	1298	-15.1	8.3	-33	33	-1536.2	31.8	-4.4	-249.4	-46.3
2ND	25.00	-54.6	3.9	3063	1485	-17.8	2.6	-4	21	-1507.3	21.0	-4.1	-230.4	-44.8
3RD	37.50	-58.6	2.0	3270	1485	-17.9	1.3	-2	20	-1452.7	17.1	-3.9	-211.9	-43.2
4TH	50.00	-57.9	1.2	3270	1485	-17.7	.8	-1	21	-1394.1	15.1	-3.7	-194.1	-41.7
5TH	62.50	-57.6	.6	3270	1485	-17.6	.4	-1	22	-1336.2	13.9	-3.5	-177.0	-40.0
6TH	75.00	-57.5	.1	3270	1485	-17.6	.1	-0	23	-1278.6	13.3	-3.3	-160.7	-38.3
7TH	87.50	-57.8	-.3	3270	1485	-17.7	-.2	0	24	-1221.1	13.2	-3.1	-145.0	-36.5
8TH	100.00	-59.0	-.8	3270	1485	-18.1	-.6	1	24	-1163.3	13.5	-3.0	-130.1	-34.6
9TH	112.50	-59.0	-.9	3270	1485	-18.4	-.6	1	23	-1104.2	14.4	-2.8	-116.0	-32.7
10TH	125.00	-61.3	-.9	3270	1485	-18.7	-.6	1	23	-1044.2	15.3	-2.6	-102.5	-30.8
11TH	137.50	-62.7	-.7	3270	1485	-19.2	-.5	1	23	-982.9	16.2	-2.4	-89.9	-28.9
12TH	150.00	-64.2	-.6	3270	1485	-19.6	-.4	1	23	-920.2	16.9	-2.2	-78.0	-27.0
13TH	162.50	-65.1	-.5	3270	1485	-19.9	-.4	0	23	-856.0	17.5	-2.0	-66.9	-25.0
14TH	175.00	-66.1	-.3	3270	1485	-20.2	-.2	0	22	-790.9	18.0	-1.8	-56.6	-23.0
15TH	187.50	-67.2	.1	3270	1485	-20.5	.1	-0	22	-724.8	18.3	-1.5	-47.1	-21.0
16TH	200.00	-68.3	.5	3270	1485	-20.9	.4	-0	22	-657.6	18.2	-1.3	-38.5	-19.0
17TH	212.50	-69.6	.9	3270	1485	-21.3	.6	-1	22	-589.3	17.6	-1.1	-30.7	-17.0
18TH	225.00	-70.3	1.1	3270	1485	-21.5	.8	-1	21	-519.7	16.7	-.9	-23.7	-15.0
19TH	237.50	-70.9	1.5	3270	1485	-21.7	1.0	-1	21	-449.4	15.6	-.7	-17.7	-13.0
20TH	250.00	-71.6	2.0	3270	1485	-21.9	1.3	-2	21	-378.5	14.1	-.5	-12.5	-10.9
21ST	262.50	-72.4	2.6	3270	1485	-22.1	1.7	-2	21	-306.9	12.2	-.3	-8.2	-8.9
22ND	275.00	-73.3	3.2	3270	1485	-22.4	2.1	-2	21	-234.4	9.6	-.2	-4.8	-6.8
23RD	287.50	-51.4	2.1	2093	798	-24.6	2.6	-2	20	-161.1	6.4	-.1	-2.4	-4.7
24TH	295.50	-109.7	4.3	6148	2792	-17.8	1.5	-2	22	-109.7	4.3	-.1	-1.3	-3.3
TOP	319.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-1.5	2.4	112	158	-13.4	15.0	-42	10	-1200.4	42.2	-3.8	-208.0	-50.3
LBBY	12.50	-21.0	11.8	1911	1298	-11.0	9.1	-62	41	-1198.9	39.8	-3.2	-193.0	-50.2
2ND	25.00	-43.4	5.9	3063	1485	-14.2	3.9	-10	27	-1178.0	28.0	-2.8	-178.1	-48.7
3RD	37.50	-47.0	3.8	3270	1485	-14.4	2.6	-6	25	-1134.5	22.2	-2.5	-163.7	-47.1
4TH	50.00	-46.5	2.7	3270	1485	-14.2	1.8	-4	27	-1087.5	18.4	-2.3	-149.8	-45.5
5TH	62.50	-46.3	1.7	3270	1485	-14.2	1.2	-3	28	-1041.1	15.6	-2.0	-136.5	-43.8
6TH	75.00	-46.3	1.1	3270	1485	-14.2	.7	-2	30	-994.7	13.9	-1.9	-123.8	-42.1
7TH	87.50	-46.4	.5	3270	1485	-14.2	.3	-1	31	-948.4	12.9	-1.7	-111.6	-40.2
8TH	100.00	-47.0	.2	3270	1485	-14.4	.1	-0	31	-902.1	12.4	-1.5	-100.0	-38.3
9TH	112.50	-47.5	.1	3270	1485	-14.5	.1	-0	31	-855.1	12.2	-1.4	-89.1	-36.3
10TH	125.00	-48.4	.1	3270	1485	-14.8	.1	-0	32	-807.6	12.1	-1.2	-78.7	-34.3
11TH	137.50	-49.4	.4	3270	1485	-15.1	.3	-1	32	-759.2	11.9	-1.1	-68.9	-32.2
12TH	150.00	-50.4	.7	3270	1485	-15.4	.5	-1	32	-709.8	11.5	-.9	-59.7	-30.1
13TH	162.50	-51.0	.4	3270	1485	-15.6	.3	-1	32	-659.5	10.8	-.8	-51.1	-27.9
14TH	175.00	-51.6	.5	3270	1485	-15.8	.4	-1	32	-608.4	10.3	-.7	-43.2	-25.7
15TH	187.50	-52.3	.8	3270	1485	-16.0	.5	-1	31	-556.8	9.8	-.5	-35.9	-23.5
16TH	200.00	-53.1	1.0	3270	1485	-16.2	.7	-2	31	-504.6	9.0	-.4	-29.3	-21.3
17TH	212.50	-54.0	1.2	3270	1485	-16.5	.8	-2	31	-451.4	8.0	-.3	-23.3	-19.0
18TH	225.00	-54.4	1.2	3270	1485	-16.6	.8	-2	31	-397.4	6.8	-.2	-18.0	-16.8
19TH	237.50	-54.7	1.1	3270	1485	-16.7	.7	-2	30	-343.0	5.6	-.1	-13.4	-14.5
20TH	250.00	-55.1	1.2	3270	1485	-16.8	.8	-2	30	-288.3	4.5	-.1	-9.4	-12.3
21ST	262.50	-55.7	1.6	3270	1485	-17.0	1.1	-2	31	-233.2	3.4	-.0	-6.2	-10.0
22ND	275.00	-56.3	2.2	3270	1485	-17.2	1.5	-3	31	-177.4	1.8	.0	-3.6	-7.7
23RD	287.50	-40.2	.5	2093	798	-19.2	.6	-1	31	-121.1	-.5	.0	-1.8	-5.3
24TH	295.50	-80.9	-1.0	6148	2792	-13.2	-.4	1	33	-80.9	-1.0	.0	-1.0	-3.6
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-830.7	170.0	-26.2	-144.2	-49.9
LBBY	12.50	-1.0	1.9	112	158	-9.1	12.1	-57	11	-829.6	168.1	-24.1	-133.8	-49.8
2ND	25.00	-12.1	13.0	1911	1298	-6.3	10.0	-128	44	-817.5	155.1	-22.1	-123.5	-48.2
3RD	37.50	-29.6	9.8	3063	1485	-9.7	6.6	-32	36	-787.9	145.3	-20.2	-113.5	-46.7
4TH	50.00	-32.5	8.2	3270	1485	-10.0	5.5	-23	34	-755.4	137.1	-18.4	-103.8	-45.1
5TH	62.50	-32.3	7.4	3270	1485	-9.9	5.0	-22	35	-723.1	129.6	-16.8	-94.6	-43.5
6TH	75.00	-32.4	6.8	3270	1485	-9.9	4.6	-21	37	-690.7	122.9	-15.2	-85.8	-41.8
7TH	87.50	-32.5	6.3	3270	1485	-9.9	4.2	-21	39	-658.2	116.5	-13.7	-77.3	-40.0
8TH	100.00	-32.7	5.9	3270	1485	-10.0	4.0	-20	41	-625.5	110.7	-12.3	-69.3	-38.1
9TH	112.50	-33.0	5.6	3270	1485	-10.1	3.8	-19	42	-592.5	105.1	-10.9	-61.7	-36.2
10TH	125.00	-33.2	5.5	3270	1485	-10.1	3.7	-19	42	-559.4	99.6	-9.6	-54.5	-34.3
11TH	137.50	-33.5	5.5	3270	1485	-10.3	3.7	-19	43	-525.8	94.0	-8.4	-47.7	-32.3
12TH	150.00	-34.0	5.7	3270	1485	-10.4	3.9	-20	44	-491.8	88.3	-7.3	-41.3	-30.2
13TH	162.50	-34.5	6.0	3270	1485	-10.5	4.0	-21	44	-457.3	82.3	-6.2	-35.4	-28.1
14TH	175.00	-35.0	6.0	3270	1485	-10.7	4.0	-20	44	-422.3	76.3	-5.2	-29.9	-26.0
15TH	187.50	-35.6	6.2	3270	1485	-10.9	4.1	-20	44	-386.7	70.1	-4.3	-24.9	-23.8
16TH	200.00	-36.2	6.4	3270	1485	-11.1	4.3	-21	43	-350.5	63.7	-3.5	-20.3	-21.6
17TH	212.50	-37.0	6.9	3270	1485	-11.3	4.6	-22	43	-313.4	56.8	-2.7	-16.1	-19.4
18TH	225.00	-37.8	7.4	3270	1485	-11.6	5.0	-23	43	-275.6	49.4	-2.1	-12.4	-17.1
19TH	237.50	-38.1	7.3	3270	1485	-11.7	4.9	-22	43	-237.5	42.1	-1.5	-9.2	-14.8
20TH	250.00	-38.2	7.3	3270	1485	-11.7	4.9	-22	43	-199.3	34.7	-1.0	-6.5	-12.5
21ST	262.50	-38.4	7.5	3270	1485	-11.7	5.1	-23	43	-160.9	27.2	-.6	-4.2	-10.2
22ND	275.00	-38.8	8.0	3270	1485	-11.9	5.4	-24	43	-122.1	19.2	-.3	-2.5	-7.8
23RD	287.50	-39.1	8.6	3270	1485	-12.0	5.8	-25	43	-83.0	10.6	-.2	-1.2	-5.5
24TH	295.50	-28.7	3.4	2093	798	-13.7	4.3	-15	46	-54.3	7.2	-.1	-.6	-3.6
TOP	319.00	-54.3	7.2	6148	2792	-8.8	2.6	-17	49	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-502.7	356.9	-61.6	-85.8	-41.5
LBBY	12.50									-502.2	355.2	-57.2	-79.5	-41.5
2ND	25.00	-4.2	14.8	1911	1298	-2.2	11.4	-163	17	-497.9	340.4	-52.9	-73.2	-40.2
3RD	37.50	-20.9	13.9	3063	1485	-6.8	9.3	-54	30	-477.0	326.5	-48.7	-67.1	-39.0
4TH	50.00	-23.3	13.0	3270	1485	-7.1	8.8	-43	29	-453.7	313.5	-44.7	-61.3	-37.8
5TH	62.50	-22.8	12.4	3270	1485	-7.0	8.3	-46	31	-430.9	301.1	-40.8	-55.8	-36.5
6TH	75.00	-22.3	11.8	3270	1485	-6.8	8.0	-49	34	-408.6	289.3	-37.2	-50.5	-35.2
7TH	87.50	-21.6	11.7	3270	1485	-6.6	7.9	-54	37	-387.0	277.6	-33.6	-45.6	-33.8
8TH	100.00	-21.0	11.6	3270	1485	-6.4	7.8	-59	40	-365.9	266.0	-30.2	-40.9	-32.3
9TH	112.50	-20.6	11.9	3270	1485	-6.3	8.0	-64	41	-345.3	254.1	-27.0	-36.4	-30.8
10TH	125.00	-20.0	12.3	3270	1485	-6.1	8.3	-71	43	-325.3	241.8	-23.9	-32.2	-29.2
11TH	137.50	-19.5	12.9	3270	1485	-6.0	8.7	-77	44	-305.7	228.9	-20.9	-28.3	-27.6
12TH	150.00	-19.1	13.6	3270	1485	-5.9	9.1	-85	44	-286.6	215.4	-18.1	-24.6	-25.8
13TH	162.50	-18.7	14.3	3270	1485	-5.7	9.6	-92	45	-267.9	201.1	-15.5	-21.1	-24.1
14TH	175.00	-19.3	14.7	3270	1485	-5.9	9.9	-91	44	-248.5	186.4	-13.1	-17.9	-22.2
15TH	187.50	-20.0	15.1	3270	1485	-6.1	10.2	-90	44	-228.5	171.2	-10.9	-14.9	-20.4
16TH	200.00	-20.7	15.7	3270	1485	-6.3	10.6	-89	43	-207.8	155.5	-8.8	-12.2	-18.5
17TH	212.50	-21.5	16.5	3270	1485	-6.6	11.1	-90	43	-186.4	139.1	-7.0	-9.7	-16.5
18TH	225.00	-22.2	17.3	3270	1485	-6.8	11.6	-90	43	-164.2	121.8	-5.4	-7.5	-14.4
19TH	237.50	-22.4	17.3	3270	1485	-6.9	11.7	-89	43	-141.8	104.5	-4.0	-5.6	-12.4
20TH	250.00	-22.3	17.4	3270	1485	-6.8	11.7	-88	42	-119.5	87.1	-2.8	-4.0	-10.3
21ST	262.50	-22.3	17.7	3270	1485	-6.8	11.9	-87	41	-97.2	69.4	-1.8	-2.6	-8.3
22ND	275.00	-22.4	18.2	3270	1485	-6.9	12.2	-87	40	-74.8	51.2	-1.0	-1.5	-6.4
23RD	287.50	-22.5	18.8	3270	1485	-6.9	12.7	-87	38	-52.3	32.4	-.5	-.8	-4.4
24TH	295.50	-17.8	8.7	2093	798	-8.5	10.9	-67	51	-34.5	23.7	-.3	-.4	-2.9
TOP	319.00	-34.5	23.7	6148	2792	-5.6	8.5	-78	42	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 70° CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
GRND	0.00														
LBBY	12.50	-1.1	1.2	112	158	-0.5	7.5	-81	1	-190.8	529.1	-94.4	-31.3	-32.5	
2ND	25.00	5.6	14.2	1911	1298	2.9	10.9	-119	-17	-190.8	528.0	-87.8	-28.9	-32.5	
3RD	37.50	-9.8	16.8	3063	1485	-3.2	11.3	-71	15	-196.3	513.8	-81.3	-26.5	-31.5	
4TH	50.00	-12.5	17.1	3270	1485	-3.8	11.5	-61	17	-186.6	497.0	-75.0	-24.1	-30.7	
5TH	62.50	-12.3	17.0	3270	1485	-3.8	11.4	-68	18	-174.0	479.9	-68.9	-21.9	-29.9	
6TH	75.00	-12.1	16.9	3270	1485	-3.7	11.4	-76	20	-161.7	462.9	-63.0	-19.8	-29.0	
7TH	87.50	-11.8	17.2	3270	1485	-3.6	11.6	-84	21	-149.7	445.9	-57.3	-17.8	-28.0	
8TH	100.00	-11.5	17.6	3270	1485	-3.5	11.8	-93	23	-137.9	428.7	-51.9	-16.0	-27.0	
9TH	112.50	-10.6	18.2	3270	1485	-3.2	12.3	-101	22	-126.4	411.2	-46.6	-14.4	-25.8	
10TH	125.00	-9.3	19.2	3270	1485	-2.9	12.9	-108	19	-115.8	393.0	-41.6	-12.9	-24.6	
11TH	137.50	-8.2	20.2	3270	1485	-2.5	13.6	-113	17	-106.5	373.8	-36.8	-11.5	-23.3	
12TH	150.00	-7.0	21.2	3270	1485	-2.1	14.3	-117	14	-98.3	353.6	-32.2	-10.2	-22.0	
13TH	162.50	-5.8	22.3	3270	1485	-1.8	15.0	-119	12	-91.3	332.4	-28.0	-9.0	-20.6	
14TH	175.00	-5.5	23.0	3270	1485	-1.7	15.5	-120	11	-85.5	310.1	-23.9	-7.9	-19.2	
15TH	187.50	-5.2	23.6	3270	1485	-1.6	15.9	-120	10	-80.0	287.1	-20.2	-6.9	-17.7	
16TH	200.00	-4.9	24.3	3270	1485	-1.5	16.4	-121	9	-74.7	263.5	-16.8	-5.9	-16.2	
17TH	212.50	-4.5	25.2	3270	1485	-1.4	17.0	-121	8	-69.8	239.1	-13.6	-5.0	-14.7	
18TH	225.00	-4.1	26.2	3270	1485	-1.3	17.6	-121	7	-65.3	213.9	-10.8	-4.1	-13.1	
19TH	237.50	-4.7	26.7	3270	1485	-1.4	18.0	-118	8	-61.2	187.7	-8.3	-3.4	-11.5	
20TH	250.00	-5.6	27.0	3270	1485	-1.7	18.2	-114	9	-56.5	161.0	-6.1	-2.6	-9.9	
21ST	262.50	-6.4	27.4	3270	1485	-2.0	18.4	-110	10	-50.9	134.0	-4.3	-2.0	-8.3	
22ND	275.00	-7.2	27.8	3270	1485	-2.2	18.7	-106	10	-44.5	106.6	-2.8	-1.4	-6.7	
23RD	287.50	-8.0	28.1	3270	1485	-2.5	18.9	-102	11	-37.3	78.8	-1.6	-.8	-5.1	
24TH	295.50	-9.4	13.3	2093	798	-4.5	16.6	-123	33	-29.2	50.7	-.8	-.4	-3.6	
TOP	319.00	-19.8	37.5	6148	2792	-3.2	13.4	-97	19	-19.8	37.5	-.4	-.2	-2.3	
										0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	.1	.5	112	158	1.2	2.9	-126	-14	-69.1	488.0	-91.0	-10.8	-32.3
LBBY	12.50	7.1	9.2	1911	1298	3.7	7.1	-87	-25	-69.2	487.5	-84.9	-9.9	-32.2
2ND	25.00	-3.7	12.0	3063	1485	-1.2	8.1	-160	18	-76.3	478.3	-78.8	-9.0	-31.6
3RD	37.50	-6.4	13.0	3270	1485	-1.9	8.8	-144	26	-72.7	466.3	-72.9	-8.1	-30.5
4TH	50.00	-6.5	13.4	3270	1485	-2.0	9.0	-143	26	-66.3	453.3	-67.2	-7.2	-29.4
5TH	62.50	-6.7	13.9	3270	1485	-2.0	9.4	-145	26	-59.7	439.8	-61.6	-6.4	-28.2
6TH	75.00	-6.6	14.8	3270	1485	-2.0	9.9	-147	24	-53.1	425.9	-56.2	-5.7	-26.9
7TH	87.50	-6.7	15.6	3270	1485	-2.1	10.5	-147	24	-46.4	411.1	-51.0	-5.1	-25.6
8TH	100.00	-5.9	16.3	3270	1485	-1.8	11.0	-149	20	-39.7	395.5	-45.9	-4.6	-24.3
9TH	112.50	-4.9	17.2	3270	1485	-1.5	11.6	-149	16	-33.8	379.2	-41.1	-4.1	-22.9
10TH	125.00	-3.8	18.1	3270	1485	-1.2	12.2	-147	11	-28.9	362.0	-36.4	-3.7	-21.5
11TH	137.50	-2.7	19.2	3270	1485	-.8	12.9	-144	8	-25.1	343.9	-32.0	-3.4	-20.1
12TH	150.00	-1.7	20.3	3270	1485	-.5	13.7	-138	4	-22.4	324.7	-27.9	-3.1	-18.7
13TH	162.50	-1.1	21.2	3270	1485	-.3	14.3	-133	3	-20.7	304.3	-23.9	-2.8	-17.3
14TH	175.00	-.5	22.1	3270	1485	-.2	14.9	-128	1	-19.6	283.1	-20.3	-2.6	-15.9
15TH	187.50	.1	23.1	3270	1485	.0	15.5	-123	-0	-19.1	261.0	-16.9	-2.3	-14.5
16TH	200.00	.8	24.2	3270	1485	.2	16.3	-118	-1	-19.2	238.0	-13.7	-2.1	-13.1
17TH	212.50	1.4	25.4	3270	1485	.4	17.1	-114	-2	-20.0	213.7	-10.9	-1.8	-11.6
18TH	225.00	.9	26.3	3270	1485	.3	17.7	-109	-1	-21.4	188.3	-8.4	-1.6	-10.2
19TH	237.50	-.0	26.8	3270	1485	-.0	18.0	-106	0	-22.3	162.0	-6.2	-1.3	-8.7
20TH	250.00	-.8	27.2	3270	1485	-.3	18.3	-102	1	-22.3	135.2	-4.4	-1.0	-7.3
21ST	262.50	-1.6	27.7	3270	1485	-.5	18.6	-97	2	-21.5	108.0	-2.8	-.8	-5.9
22ND	275.00	-2.2	28.0	3270	1485	-.7	18.9	-93	3	-19.9	80.3	-1.7	-.5	-4.6
23RD	287.50	-5.5	13.2	2093	798	-2.6	16.6	-134	21	-17.7	52.3	-.8	-.3	-3.3
24TH	295.50	-12.2	39.1	6148	2792	-2.0	14.0	-104	12	-12.2	39.1	-.5	-.1	-2.2
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 90° CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									147.8	218.1	-42.2	28.9	-21.2
LBBY	12.50	.1	.2	112	158	.9	1.1	-101	-22	147.7	218.0	-39.4	27.1	-21.2
2ND	25.00	3.9	4.0	1911	1298	2.0	3.1	-66	-24	143.8	213.9	-36.7	25.3	-21.0
3RD	37.50	2.5	5.1	3063	1485	.8	3.5	-131	-23	141.4	208.8	-34.1	23.5	-20.5
4TH	50.00	2.6	5.1	3270	1485	.8	3.5	-149	-28	138.7	203.7	-31.5	21.7	-20.1
5TH	62.50	3.0	5.3	3270	1485	.9	3.6	-156	-33	135.7	198.3	-29.0	20.0	-19.5
6TH	75.00	3.5	5.6	3270	1485	1.1	3.8	-156	-36	132.2	192.8	-26.6	18.3	-18.9
7TH	87.50	4.2	6.0	3270	1485	1.3	4.0	-148	-38	128.0	186.8	-24.2	16.7	-18.2
8TH	100.00	4.7	6.4	3270	1485	1.4	4.3	-144	-39	123.3	180.4	-21.9	15.1	-17.5
9TH	112.50	4.8	6.6	3270	1485	1.5	4.4	-147	-40	118.5	173.8	-19.7	13.6	-16.8
10TH	125.00	5.1	7.0	3270	1485	1.5	4.7	-146	-39	113.4	166.8	-17.6	12.2	-16.0
11TH	137.50	5.3	7.4	3270	1485	1.6	5.0	-146	-39	108.2	159.4	-15.5	10.8	-15.2
12TH	150.00	5.5	7.9	3270	1485	1.7	5.3	-146	-38	102.7	151.6	-13.6	9.5	-14.3
13TH	162.50	5.7	8.4	3270	1485	1.7	5.7	-145	-36	97.1	143.2	-11.7	8.2	-13.5
14TH	175.00	6.0	9.2	3270	1485	1.8	6.2	-141	-34	91.0	134.0	-10.0	7.0	-12.5
15TH	187.50	6.4	9.7	3270	1485	1.9	6.5	-140	-34	84.7	124.3	-8.4	5.9	-11.6
16TH	200.00	6.7	10.2	3270	1485	2.1	6.9	-139	-34	77.9	114.1	-6.9	4.9	-10.6
17TH	212.50	7.1	10.9	3270	1485	2.2	7.3	-137	-33	70.8	103.2	-5.5	4.0	-9.5
18TH	225.00	7.5	11.7	3270	1485	2.3	7.9	-134	-32	63.3	91.5	-4.3	3.2	-8.4
19TH	237.50	7.7	11.9	3270	1485	2.3	8.0	-132	-32	55.6	79.7	-3.2	2.4	-7.3
20TH	250.00	7.7	12.0	3270	1485	2.4	8.1	-129	-31	47.9	67.6	-2.3	1.8	-6.2
21ST	262.50	7.8	12.3	3270	1485	2.4	8.3	-126	-30	40.1	55.4	-1.6	1.2	-5.1
22ND	275.00	7.9	12.7	3270	1485	2.4	8.5	-125	-29	32.2	42.7	-.9	.8	-4.0
23RD	287.50	7.9	13.2	3270	1485	2.4	8.9	-123	-28	24.3	29.5	-.5	.4	-2.9
24TH	295.50	4.2	5.8	2093	798	2.0	7.3	-179	-48	20.1	23.7	-.3	.2	-2.1
TOP	319.00	20.1	23.7	6148	2792	3.3	8.5	-103	-32	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									463.4	135.8	-28.2	88.5	7.0
LBBY	12.50	3	1	112	158	3.0	4	15	28	463.1	135.7	-26.5	82.7	7.0
2ND	25.00	8.9	1.1	1911	1298	4.7	8	9	26	454.2	134.6	-24.8	77.0	6.7
3RD	37.50	12.4	2.3	3063	1485	4.1	1.6	10	19	441.8	132.3	-23.1	71.4	6.4
4TH	50.00	13.0	2.2	3270	1485	4.0	1.5	8	18	428.7	130.1	-21.5	65.9	6.0
5TH	62.50	13.0	2.4	3270	1485	4.0	1.6	8	16	415.8	127.7	-19.9	60.6	5.7
6TH	75.00	13.0	2.7	3270	1485	4.0	1.8	8	15	402.8	125.0	-18.3	55.5	5.5
7TH	87.50	13.2	3.1	3270	1485	4.0	2.1	9	14	389.6	121.9	-16.8	50.6	5.2
8TH	100.00	13.5	3.5	3270	1485	4.1	2.3	10	14	376.1	118.5	-15.3	45.8	4.9
9TH	112.50	14.3	3.9	3270	1485	4.4	2.6	10	13	361.8	114.6	-13.8	41.2	4.7
10TH	125.00	15.1	4.1	3270	1485	4.6	2.8	9	13	346.7	110.5	-12.4	36.8	4.4
11TH	137.50	16.0	4.3	3270	1485	4.9	2.9	9	12	330.7	106.1	-11.1	32.5	4.1
12TH	150.00	16.9	4.6	3270	1485	5.2	3.1	9	12	313.7	101.5	-9.8	28.5	3.8
13TH	162.50	17.9	5.0	3270	1485	5.5	3.4	9	12	295.8	96.5	-8.5	24.7	3.5
14TH	175.00	18.7	5.2	3270	1485	5.7	3.5	8	11	277.1	91.3	-7.3	21.1	3.2
15TH	187.50	19.6	5.6	3270	1485	6.0	3.7	8	10	257.4	85.7	-6.2	17.8	2.9
16TH	200.00	20.5	5.9	3270	1485	6.3	4.0	8	10	236.9	79.8	-5.2	14.7	2.6
17TH	212.50	21.5	6.2	3270	1485	6.6	4.2	7	9	215.4	73.6	-4.2	11.8	2.3
18TH	225.00	22.5	6.7	3270	1485	6.9	4.5	7	9	192.9	66.9	-3.4	9.3	2.0
19TH	237.50	23.5	7.3	3270	1485	7.2	4.9	7	8	169.5	59.6	-2.6	7.0	1.7
20TH	250.00	24.4	7.7	3270	1485	7.5	5.2	6	7	145.1	52.0	-1.9	5.1	1.5
21ST	262.50	25.3	8.0	3270	1485	7.7	5.4	6	7	119.8	44.0	-1.3	3.4	1.2
22ND	275.00	26.2	8.6	3270	1485	8.0	5.8	6	7	93.6	35.4	-.8	2.1	1.0
23RD	287.50	27.3	9.6	3270	1485	8.4	6.5	6	7	66.2	25.8	-.4	1.1	.7
24TH	295.50	14.9	6.7	2093	798	7.1	8.4	12	10	51.3	19.1	-.2	.6	.4
TOP	319.00	51.3	19.1	6148	2792	8.3	6.8	6	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									868.4	295.9	-56.3	148.8	20.3
LBBY	12.50	.8	.5	112	158	7.5	3.2	36	22	867.5	295.4	-52.6	138.0	20.3
2ND	25.00	25.4	1.7	1911	1298	13.3	1.3	4	25	842.1	293.7	-48.9	127.3	19.5
3RD	37.50	31.3	4.4	3063	1485	10.2	3.0	9	24	810.8	289.3	-45.3	117.0	18.4
4TH	50.00	32.5	5.2	3270	1485	9.9	3.5	10	23	778.3	284.0	-41.7	107.0	17.4
5TH	62.50	32.4	6.4	3270	1485	9.9	4.3	11	21	745.9	277.6	-38.2	97.5	16.4
6TH	75.00	32.5	7.6	3270	1485	9.9	5.1	12	19	713.5	270.0	-34.8	88.4	15.5
7TH	87.50	32.7	9.1	3270	1485	10.0	6.1	13	18	680.8	260.9	-31.4	79.7	14.7
8TH	100.00	32.9	10.5	3270	1485	10.1	7.1	14	16	647.9	250.4	-28.2	71.4	13.9
9TH	112.50	33.7	11.5	3270	1485	10.3	7.8	14	15	614.2	238.9	-25.2	63.5	13.1
10TH	125.00	34.3	12.1	3270	1485	10.5	8.1	14	14	579.8	226.8	-22.3	56.0	12.4
11TH	137.50	35.0	12.5	3270	1485	10.7	8.4	13	14	544.8	214.3	-19.5	49.0	11.7
12TH	150.00	35.9	13.1	3270	1485	11.0	8.8	13	13	508.9	201.2	-16.9	42.4	10.9
13TH	162.50	36.7	13.8	3270	1485	11.2	9.3	13	13	472.2	187.4	-14.5	36.3	10.2
14TH	175.00	37.3	14.4	3270	1485	11.4	9.7	13	13	435.0	173.0	-12.2	30.6	9.5
15TH	187.50	37.8	14.6	3270	1485	11.6	9.8	13	12	397.2	158.4	-10.2	25.4	8.8
16TH	200.00	38.2	14.9	3270	1485	11.7	10.0	13	12	359.0	143.5	-8.3	20.7	8.0
17TH	212.50	38.7	15.2	3270	1485	11.8	10.3	13	12	320.3	128.3	-6.6	16.4	7.3
18TH	225.00	39.1	15.7	3270	1485	12.0	10.6	13	12	281.2	112.6	-5.1	12.7	6.6
19TH	237.50	39.3	15.8	3270	1485	12.0	10.7	14	12	241.9	96.8	-3.8	9.4	5.8
20TH	250.00	39.4	15.6	3270	1485	12.1	10.5	14	13	202.4	81.1	-2.7	6.6	5.0
21ST	262.50	39.6	15.4	3270	1485	12.1	10.4	14	14	162.8	65.7	-1.7	4.4	4.1
22ND	275.00	39.9	15.4	3270	1485	12.2	10.4	15	14	122.9	50.2	-1.0	2.6	3.3
23RD	287.50	40.5	16.1	3270	1485	12.4	10.9	17	15	82.4	34.1	-.5	1.3	2.3
24TH	295.50	21.7	12.1	2093	798	10.4	15.1	28	19	60.7	22.1	-.3	.7	1.6
TOP	319.00	60.7	22.1	6148	2792	9.9	7.9	17	17	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									1186.1	399.8	-73.0	201.9	24.6
LBBY	12.50	1.0	1.5	112	158	8.7	9.6	23	5	1185.1	398.2	-68.0	187.1	24.5
2ND	25.00	35.0	6.7	1911	1298	18.3	5.1	8	15	1150.1	391.5	-63.1	172.5	23.8
3RD	37.50	42.5	8.8	3063	1485	13.9	6.0	10	19	1107.6	382.7	-58.3	158.4	22.7
4TH	50.00	44.2	9.5	3270	1485	13.5	6.4	11	19	1063.4	373.2	-53.5	144.8	21.5
5TH	62.50	44.5	10.6	3270	1485	13.6	7.1	12	18	1018.9	362.6	-48.9	131.8	20.3
6TH	75.00	44.9	11.6	3270	1485	13.7	7.8	12	17	974.0	351.0	-44.5	119.3	19.2
7TH	87.50	45.5	12.9	3270	1485	13.9	8.7	13	17	928.5	338.1	-40.2	107.5	18.1
8TH	100.00	46.2	14.2	3270	1485	14.1	9.6	13	16	882.3	323.8	-36.0	96.1	17.0
9TH	112.50	47.1	15.6	3270	1485	14.4	10.5	13	15	835.2	308.2	-32.1	85.4	16.0
10TH	125.00	47.9	16.3	3270	1485	14.7	11.0	13	14	787.2	291.9	-28.3	75.3	14.9
11TH	137.50	48.8	16.9	3270	1485	14.9	11.4	12	13	738.4	275.0	-24.8	65.7	14.0
12TH	150.00	49.8	17.7	3270	1485	15.2	11.9	12	13	688.6	257.3	-21.5	56.8	13.0
13TH	162.50	50.9	18.6	3270	1485	15.6	12.5	12	12	637.7	238.7	-18.4	48.5	12.1
14TH	175.00	51.4	19.1	3270	1485	15.7	12.9	12	12	586.3	219.6	-15.5	40.9	11.1
15TH	187.50	51.9	19.2	3270	1485	15.9	12.9	12	12	534.4	200.4	-12.9	33.9	10.2
16TH	200.00	52.4	19.2	3270	1485	16.0	12.9	12	12	481.9	181.2	-10.5	27.5	9.2
17TH	212.50	53.1	19.3	3270	1485	16.2	13.0	12	12	428.8	161.9	-8.4	21.8	8.3
18TH	225.00	53.8	19.5	3270	1485	16.4	13.1	12	12	375.1	142.5	-6.5	16.8	7.3
19TH	237.50	53.7	19.7	3270	1485	16.4	13.3	12	12	321.3	122.8	-4.8	12.4	6.3
20TH	250.00	53.4	19.7	3270	1485	16.3	13.3	12	12	268.0	103.1	-3.4	8.8	5.3
21ST	262.50	53.1	19.7	3270	1485	16.2	13.3	12	12	214.9	83.4	-2.2	5.7	4.4
22ND	275.00	52.9	19.9	3270	1485	16.2	13.4	12	12	162.0	63.5	-1.3	3.4	3.5
23RD	287.50	52.8	20.6	3270	1485	16.2	13.9	12	12	109.2	42.9	-.6	1.7	2.5
24TH	295.50	29.5	13.6	2093	798	14.1	17.0	18	15	79.7	29.3	-.3	.9	1.8
TOP	319.00	79.7	29.3	6148	2792	13.0	10.5	15	15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.0	2.0	112	158	9.2	12.7	12	2	1383.7	447.2	-80.5	235.7	28.4
LBBY	12.50	40.0	9.6	1911	1298	20.9	7.4	7	11	1382.7	445.2	-75.0	218.4	28.4
2ND	25.00	52.2	12.7	3063	1485	17.0	8.5	10	16	1342.7	435.6	-69.5	201.4	27.8
3RD	37.50	53.6	12.7	3270	1485	16.4	8.6	11	16	1290.5	422.9	-64.1	184.9	26.6
4TH	50.00	52.9	13.3	3270	1485	16.2	8.9	11	16	1237.0	410.2	-58.9	169.1	25.4
5TH	62.50	52.3	13.8	3270	1485	16.0	9.3	11	16	1184.1	397.0	-53.8	154.0	24.1
6TH	75.00	51.8	14.6	3270	1485	15.9	9.8	12	16	1131.9	383.2	-49.0	139.5	22.9
7TH	87.50	51.5	15.5	3270	1485	15.7	10.4	12	15	1080.0	368.6	-44.3	125.7	21.8
8TH	100.00	52.8	16.4	3270	1485	16.1	11.0	12	15	1028.5	353.1	-39.8	112.5	20.6
9TH	112.50	54.4	17.2	3270	1485	16.6	11.6	12	14	975.7	336.7	-35.4	100.0	19.5
10TH	125.00	56.0	18.0	3270	1485	17.1	12.1	12	14	921.3	319.5	-31.3	88.1	18.3
11TH	137.50	57.7	18.9	3270	1485	17.6	12.7	12	13	865.3	301.5	-27.5	77.0	17.2
12TH	150.00	59.4	19.8	3270	1485	18.2	13.3	12	13	807.6	282.6	-23.8	66.5	16.0
13TH	162.50	60.3	20.6	3270	1485	18.4	13.9	12	13	748.2	262.8	-20.4	56.8	14.8
14TH	175.00	60.9	20.8	3270	1485	18.6	14.0	12	13	687.9	242.2	-17.2	47.8	13.6
15TH	187.50	61.6	20.9	3270	1485	18.8	14.1	12	13	627.0	221.4	-14.3	39.6	12.5
16TH	200.00	62.4	21.1	3270	1485	19.1	14.2	11	12	565.4	200.5	-11.7	32.2	11.3
17TH	212.50	63.3	21.4	3270	1485	19.3	14.4	11	12	503.0	179.5	-9.3	25.5	10.1
18TH	225.00	63.3	21.6	3270	1485	19.4	14.6	12	12	439.7	158.1	-7.2	19.6	9.0
19TH	237.50	63.0	21.6	3270	1485	19.3	14.6	12	13	376.4	136.5	-5.4	14.5	7.8
20TH	250.00	62.7	21.6	3270	1485	19.2	14.5	12	13	313.4	114.8	-3.8	10.2	6.6
21ST	262.50	62.4	21.8	3270	1485	19.1	14.7	12	13	250.7	93.2	-2.5	6.6	5.4
22ND	275.00	62.2	22.7	3270	1485	19.0	15.3	13	13	188.3	71.4	-1.5	3.9	4.2
23RD	287.50	35.4	14.8	2093	798	16.9	18.5	17	15	126.2	48.8	- .7	1.9	2.9
24TH	295.50	90.8	34.0	6148	2792	14.6	12.2	15	15	90.8	34.0	- .4	1.1	2.1
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.0	2.1	112	158	9.0	13.5	6	1	1565.8	425.8	-75.4	268.1	30.6
LBBY	12.50	40.0	10.2	1911	1298	20.9	7.8	6	8	1564.8	423.7	-70.1	248.6	30.6
2ND	25.00	57.9	13.2	3063	1485	18.9	8.9	9	15	1524.8	413.5	-64.9	229.3	30.1
3RD	37.50	60.7	13.5	3270	1485	18.6	9.1	9	15	1467.0	400.3	-59.8	210.6	28.9
4TH	50.00	60.2	14.0	3270	1485	18.4	9.4	9	15	1406.3	386.8	-54.9	192.6	27.6
5TH	62.50	59.7	14.5	3270	1485	18.3	9.8	9	14	1346.1	372.8	-50.1	175.4	26.3
6TH	75.00	59.5	15.3	3270	1485	18.2	10.3	10	14	1226.8	343.0	-41.2	143.2	23.9
8TH	100.00	59.4	16.0	3270	1485	18.2	10.8	10	14	1167.4	327.0	-37.0	128.3	22.7
9TH	112.50	60.4	16.4	3270	1485	18.5	11.1	10	14	1107.0	310.6	-33.0	114.1	21.5
10TH	125.00	61.5	16.6	3270	1485	18.8	11.2	10	14	1045.4	293.9	-29.2	100.6	20.3
11TH	137.50	62.8	16.9	3270	1485	19.2	11.4	10	14	982.7	277.1	-25.7	87.9	19.0
12TH	150.00	64.0	17.1	3270	1485	19.6	11.5	10	14	918.7	260.0	-22.3	76.0	17.7
13TH	162.50	65.3	17.4	3270	1485	20.0	11.7	10	14	853.4	242.5	-19.2	65.0	16.4
14TH	175.00	66.8	17.8	3270	1485	20.4	12.0	10	14	786.6	224.8	-16.3	54.7	15.1
15TH	187.50	68.3	18.2	3270	1485	20.9	12.2	9	13	718.4	206.6	-13.6	45.3	13.8
16TH	200.00	69.8	18.5	3270	1485	21.4	12.5	9	13	648.5	188.1	-11.1	36.8	12.5
17TH	212.50	71.5	19.0	3270	1485	21.9	12.8	9	13	577.1	169.1	-8.9	29.1	11.2
18TH	225.00	73.2	19.6	3270	1485	22.4	13.2	9	13	503.9	149.5	-6.9	22.4	9.8
19TH	237.50	73.2	20.1	3270	1485	22.4	13.5	9	13	430.7	129.4	-5.1	16.5	8.5
20TH	250.00	72.6	20.3	3270	1485	22.2	13.7	10	13	358.1	109.1	-3.6	11.6	7.2
21ST	262.50	72.0	20.4	3270	1485	22.0	13.8	10	13	286.1	88.7	-2.4	7.6	5.8
22ND	275.00	71.4	20.7	3270	1485	21.8	13.9	10	13	214.7	68.0	-1.4	4.4	4.5
23RD	287.50	70.9	21.4	3270	1485	21.7	14.4	11	13	143.7	46.6	- .7	2.2	3.1
24TH	295.50	41.3	14.2	2093	798	19.7	17.8	14	15	102.5	32.4	- .4	1.2	2.2
TOP	319.00	102.5	32.4	6148	2792	16.7	11.6	12	14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	.8	2.6	112	158	6.8	16.4	6	1	1710.3	384.1	-66.9	295.0	28.5
LBBY	12.50	38.4	10.9	1911	1298	20.1	8.4	6	8	1709.5	381.5	-62.1	273.6	28.4
2ND	25.00	62.7	12.7	3063	1485	20.5	8.6	7	12	1671.1	370.6	-57.4	252.5	28.0
3RD	37.50	66.0	13.0	3270	1485	20.2	8.7	7	13	1608.4	357.9	-52.9	232.0	26.9
4TH	50.00	65.2	13.3	3270	1485	19.9	9.0	7	13	1542.4	344.9	-48.5	212.3	25.7
5TH	62.50	64.6	13.5	3270	1485	19.8	9.1	7	13	1477.2	331.6	-44.2	193.4	24.5
6TH	75.00	64.3	14.0	3270	1485	19.7	9.4	8	13	1412.6	318.1	-40.2	175.4	23.3
7TH	87.50	64.0	14.5	3270	1485	19.6	9.8	8	13	1348.3	304.1	-36.3	158.1	22.2
8TH	100.00	65.3	14.9	3270	1485	20.0	10.0	8	13	1284.2	289.6	-32.6	141.6	21.0
9TH	112.50	66.8	15.0	3270	1485	20.4	10.1	8	12	1218.9	274.7	-29.1	126.0	19.9
10TH	125.00	68.3	15.2	3270	1485	20.9	10.2	7	12	1152.1	259.7	-25.7	111.2	18.7
11TH	137.50	69.8	15.5	3270	1485	21.3	10.4	7	12	1083.8	244.5	-22.6	97.2	17.5
12TH	150.00	71.4	15.8	3270	1485	21.8	10.6	7	12	1013.9	229.0	-19.6	84.1	16.3
13TH	162.50	73.1	16.0	3270	1485	22.4	10.8	7	12	942.6	213.3	-16.8	71.9	15.2
14TH	175.00	74.9	16.2	3270	1485	22.9	10.9	7	12	869.4	197.3	-14.3	60.5	14.0
15TH	187.50	76.8	16.3	3270	1485	23.5	11.0	7	11	794.5	181.1	-11.9	50.1	12.7
16TH	200.00	78.7	16.6	3270	1485	24.1	11.2	6	11	717.7	164.8	-9.8	40.7	11.5
17TH	212.50	80.6	16.9	3270	1485	24.7	11.4	6	11	639.1	148.2	-7.8	32.2	10.2
18TH	225.00	80.9	17.4	3270	1485	24.7	11.7	6	11	558.4	131.3	-6.1	24.7	9.0
19TH	237.50	80.4	17.6	3270	1485	24.6	11.9	7	11	477.5	113.9	-4.5	18.3	7.7
20TH	250.00	80.0	17.8	3270	1485	24.5	12.0	7	11	397.1	96.3	-3.2	12.8	6.4
21ST	262.50	79.5	18.2	3270	1485	24.3	12.3	7	11	317.1	78.5	-2.1	8.3	5.2
22ND	275.00	79.1	19.2	3270	1485	24.2	12.9	7	11	237.6	60.3	-1.2	4.9	3.9
23RD	287.50	47.4	12.7	2093	798	22.6	15.9	9	12	158.5	41.1	-.6	2.4	2.7
24TH	295.50	111.1	28.4	6148	2792	18.1	10.2	8	11	111.1	28.4	-.3	1.3	1.8
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1782.3	295.8	-50.0	310.4	22.3
LBBY	12.50	.8	2.6	112	158	6.8	16.5	-3	-0	1781.5	293.2	-46.3	288.2	22.3
2ND	25.00	36.2	10.9	1911	1298	18.9	8.4	4	4	1745.3	282.3	-42.7	266.1	22.1
3RD	37.50	63.5	10.9	3063	1485	20.7	7.3	5	10	1681.8	271.4	-39.3	244.7	21.2
4TH	50.00	68.0	11.2	3270	1485	20.8	7.5	5	11	1613.8	260.2	-35.9	224.1	20.1
5TH	62.50	67.2	11.4	3270	1485	20.6	7.6	5	10	1546.6	248.8	-32.8	204.3	19.2
6TH	75.00	66.6	11.3	3270	1485	20.4	7.6	5	10	1480.0	237.6	-29.7	185.4	18.2
7TH	87.50	66.2	11.3	3270	1485	20.2	7.6	5	10	1413.8	226.3	-26.8	167.3	17.3
8TH	100.00	65.8	11.4	3270	1485	20.1	7.7	4	10	1348.0	214.9	-24.1	150.1	16.5
9TH	112.50	67.1	11.2	3270	1485	20.5	7.6	4	10	1280.8	203.7	-21.4	133.6	15.6
10TH	125.00	68.8	11.3	3270	1485	21.1	7.6	4	10	1212.0	192.3	-19.0	118.1	14.6
11TH	137.50	70.6	11.4	3270	1485	21.6	7.7	4	10	1141.4	180.9	-16.6	103.4	13.7
12TH	150.00	72.4	11.5	3270	1485	22.1	7.7	4	10	1069.0	169.4	-14.5	89.5	12.7
13TH	162.50	74.3	11.6	3270	1485	22.7	7.8	4	10	994.7	157.9	-12.4	76.6	11.6
14TH	175.00	76.1	11.9	3270	1485	23.3	8.0	4	10	918.6	145.9	-10.5	64.7	10.6
15TH	187.50	77.7	12.1	3270	1485	23.8	8.1	4	9	841.0	133.8	-8.8	53.7	9.6
16TH	200.00	79.4	12.3	3270	1485	24.3	8.3	4	9	761.6	121.6	-7.2	43.7	8.6
17TH	212.50	81.1	12.4	3270	1485	24.8	8.4	4	9	680.5	109.1	-5.7	34.7	7.6
18TH	225.00	83.0	12.7	3270	1485	25.4	8.6	3	8	597.5	96.4	-4.4	26.7	6.6
19TH	237.50	84.0	12.9	3270	1485	25.7	8.7	3	8	513.5	83.5	-3.3	19.7	5.7
20TH	250.00	84.7	13.0	3270	1485	25.9	8.8	3	8	428.8	70.4	-2.3	13.8	4.7
21ST	262.50	85.3	13.1	3270	1485	26.1	8.8	3	8	343.5	57.4	-1.5	9.0	3.8
22ND	275.00	85.8	13.3	3270	1485	26.2	9.0	3	8	257.7	44.1	-.9	5.3	2.8
23RD	287.50	86.4	13.9	3270	1485	26.4	9.4	4	8	171.3	30.2	-.5	2.6	1.8
24TH	295.50	51.3	9.2	2093	798	24.5	11.5	4	9	120.0	21.0	-.2	1.4	1.2
TOP	319.00	120.0	21.0	6148	2792	19.5	7.5	3	7	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1835.1	240.8	-40.2	320.9	15.8
LBBY	12.50	.8	2.5	112	158	7.2	16.0	-5	-1	1834.3	238.3	-37.2	298.0	15.8
2ND	25.00	36.9	9.8	1911	1298	19.3	7.5	2	3	1797.5	228.5	-34.3	275.3	15.7
3RD	37.50	65.5	8.2	3063	1485	21.4	5.5	3	8	1732.0	220.3	-31.5	253.2	15.0
4TH	50.00	69.8	8.5	3270	1485	21.3	5.7	3	8	1662.2	211.8	-28.8	232.0	14.2
5TH	62.50	68.5	9.0	3270	1485	20.9	6.1	3	8	1593.7	202.8	-26.2	211.7	13.5
6TH	75.00	67.4	9.2	3270	1485	20.6	6.2	3	8	1526.2	193.6	-23.7	192.2	12.8
7TH	87.50	66.6	9.2	3270	1485	20.3	6.2	3	8	1459.7	184.4	-21.4	173.5	12.1
8TH	100.00	65.8	9.3	3270	1485	20.1	6.2	3	8	1393.9	175.1	-19.1	155.7	11.4
9TH	112.50	67.5	9.3	3270	1485	20.6	6.3	3	7	1326.4	165.8	-17.0	138.7	10.7
10TH	125.00	69.7	9.5	3270	1485	21.3	6.4	2	7	1256.7	156.3	-15.0	122.5	10.1
11TH	137.50	71.8	9.6	3270	1485	21.9	6.5	2	6	1184.9	146.6	-13.1	107.3	9.5
12TH	150.00	73.9	9.8	3270	1485	22.6	6.6	2	6	1111.1	136.8	-11.3	92.9	8.8
13TH	162.50	76.0	9.9	3270	1485	23.2	6.7	2	6	1035.1	126.9	-9.7	79.5	8.2
14TH	175.00	78.2	9.9	3270	1485	23.9	6.7	2	6	956.8	117.0	-8.1	67.1	7.6
15TH	187.50	80.6	10.2	3270	1485	24.7	6.9	2	6	876.2	106.8	-6.7	55.6	6.9
16TH	200.00	83.1	10.5	3270	1485	25.4	7.0	2	6	793.2	96.3	-5.5	45.2	6.2
17TH	212.50	85.6	10.6	3270	1485	26.2	7.1	2	6	707.5	85.7	-4.3	35.8	5.4
18TH	225.00	88.1	10.7	3270	1485	27.0	7.2	2	6	619.4	75.0	-3.3	27.5	4.7
19TH	237.50	88.7	10.9	3270	1485	27.1	7.3	2	6	530.7	64.1	-2.5	20.3	3.9
20TH	250.00	88.6	10.8	3270	1485	27.1	7.3	2	6	442.0	53.3	-1.7	14.2	3.2
21ST	262.50	88.6	10.6	3270	1485	27.1	7.1	2	6	353.4	42.7	-1.1	9.3	2.6
22ND	275.00	88.8	10.4	3270	1485	27.1	7.0	2	5	264.6	32.3	-.7	5.4	1.9
23RD	287.50	88.9	10.4	3270	1485	27.2	7.0	2	5	175.7	21.9	-.3	2.6	1.3
24TH	295.50	52.2	6.6	2093	798	25.0	8.3	2	6	123.5	15.2	-.2	1.5	.8
TOP	319.00	123.5	15.2	6148	2792	20.1	5.5	2	5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.0	2.2	112	158	9.1	13.8	2	0	1930.0	172.2	-29.6	336.6	10.9
LBBY	12.50	40.4	8.2	1911	1298	21.2	6.3	3	5	1929.0	170.0	-27.5	312.4	10.9
2ND	25.00	66.8	5.4	3063	1485	21.8	3.7	1	5	1888.5	161.8	-25.4	288.6	10.7
3RD	37.50	71.6	5.2	3270	1485	21.9	3.5	1	5	1821.8	156.3	-23.4	265.4	10.2
4TH	50.00	71.3	5.8	3270	1485	21.8	3.9	1	5	1750.2	151.1	-21.5	243.1	9.7
5TH	62.50	71.3	5.8	3270	1485	21.8	3.9	1	5	1678.9	145.3	-19.7	221.6	9.2
6TH	75.00	71.6	5.5	3270	1485	21.9	3.7	1	5	1607.5	139.5	-17.9	201.1	8.7
7TH	87.50	71.7	5.2	3270	1485	21.9	3.5	1	5	1535.9	134.0	-16.2	181.4	8.2
8TH	100.00	73.1	5.2	3270	1485	22.3	3.5	1	5	1464.2	128.8	-14.5	162.7	7.7
9TH	112.50	74.9	5.9	3270	1485	22.9	4.0	1	5	1391.2	123.6	-12.9	144.9	7.2
10TH	125.00	76.9	6.6	3270	1485	23.5	4.4	1	4	1316.3	117.7	-11.4	127.9	6.7
11TH	137.50	79.1	7.2	3270	1485	24.2	4.8	1	4	1239.4	111.2	-10.0	112.0	6.3
12TH	150.00	81.4	7.9	3270	1485	24.9	5.3	1	4	1160.3	104.0	-8.7	97.0	5.8
13TH	162.50	83.4	8.2	3270	1485	25.5	5.5	1	4	1078.8	96.1	-7.4	83.0	5.4
14TH	175.00	85.0	8.0	3270	1485	26.0	5.4	1	4	995.4	87.9	-6.3	70.0	5.0
15TH	187.50	86.7	7.8	3270	1485	26.5	5.3	1	4	910.4	79.9	-5.2	58.1	4.6
16TH	200.00	88.5	7.6	3270	1485	27.1	5.1	1	4	823.7	72.1	-4.3	47.3	4.1
17TH	212.50	90.3	7.5	3270	1485	27.6	5.0	1	4	735.2	64.4	-3.4	37.5	3.6
18TH	225.00	90.8	7.3	3270	1485	27.8	4.9	1	4	645.0	56.9	-2.7	28.9	3.2
19TH	237.50	91.0	7.5	3270	1485	27.8	5.1	1	4	554.2	49.6	-2.0	21.4	2.7
20TH	250.00	91.4	7.7	3270	1485	28.0	5.2	1	4	463.2	42.1	-1.4	15.0	2.2
21ST	262.50	92.0	7.9	3270	1485	28.1	5.3	1	4	371.7	34.3	-.9	9.8	1.8
22ND	275.00	92.6	8.1	3270	1485	28.3	5.5	1	4	279.8	26.4	-.6	5.7	1.3
23RD	287.50	55.7	5.3	2093	798	26.6	6.7	1	4	187.2	18.3	-.3	2.8	.8
24TH	295.50	131.4	13.0	6148	2792	21.4	4.7	1	3	131.4	13.0	-.2	1.5	.5
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1947.6	-21.0	5.8	336.5	-1.5
LBBY	12.50	1.3	1.8	112	158	11.6	11.3	1	0	1946.3	-22.8	5.6	312.1	-1.5
2ND	25.00	44.5	4.5	1911	1298	23.3	3.5	1	4	1901.8	-27.3	5.2	288.1	-1.7
3RD	37.50	72.4	-2.7	3063	1485	23.6	-1.8	-0	1	1829.4	-24.6	4.9	264.8	-1.9
4TH	50.00	76.6	-2.3	3270	1485	23.4	-1.6	-0	1	1752.8	-22.3	4.6	242.4	-1.9
5TH	62.50	75.2	-1.2	3270	1485	23.0	-.8	-0	1	1677.6	-21.1	4.4	220.9	-1.0
6TH	75.00	74.2	-.3	3270	1485	22.7	-.2	-0	1	1603.4	-20.8	4.1	200.4	-1.1
7TH	87.50	73.4	.3	3270	1485	22.4	.2	0	1	1530.0	-21.1	3.8	180.8	-1.1
8TH	100.00	72.6	.7	3270	1485	22.2	.5	0	1	1457.4	-21.8	3.6	162.2	-1.2
9TH	112.50	73.7	.7	3270	1485	22.5	.5	0	0	1383.7	-22.5	3.3	144.4	-1.2
10TH	125.00	75.0	.3	3270	1485	22.9	.2	0	0	1308.7	-22.9	3.0	127.6	-1.3
11TH	137.50	76.4	.0	3270	1485	23.3	.0	-0	-0	1232.4	-22.9	2.7	111.7	-1.3
12TH	150.00	78.0	-.2	3270	1485	23.8	-.2	0	-0	1154.4	-22.6	2.4	96.8	-1.2
13TH	162.50	79.6	-.4	3270	1485	24.3	-.3	0	-1	1074.8	-22.2	2.1	82.8	-1.2
14TH	175.00	81.5	-.8	3270	1485	24.9	-.6	0	-1	993.3	-21.4	1.9	69.9	-1.1
15TH	187.50	83.5	-.9	3270	1485	25.5	-.6	0	-1	909.8	-20.5	1.6	58.0	-.9
16TH	200.00	85.7	-.9	3270	1485	26.2	-.6	0	-1	824.1	-19.6	1.4	47.2	-.8
17TH	212.50	88.1	-1.0	3270	1485	26.9	-.7	0	-1	736.0	-18.6	1.1	37.4	-.6
18TH	225.00	90.5	-1.1	3270	1485	27.7	-.8	0	-2	645.4	-17.5	.9	28.8	-.4
19TH	237.50	91.3	-1.3	3270	1485	27.9	-.9	0	-1	554.1	-16.1	.7	21.3	-.3
20TH	250.00	91.6	-1.8	3270	1485	28.0	-1.2	0	-1	462.5	-14.3	.5	15.0	-.1
21ST	262.50	91.9	-2.2	3270	1485	28.1	-1.5	0	-1	370.7	-12.1	.3	9.7	.0
22ND	275.00	92.3	-2.6	3270	1485	28.2	-1.8	0	-1	278.4	-9.5	.2	5.7	.1
23RD	287.50	92.8	-2.9	3270	1485	28.4	-2.0	0	-0	185.6	-6.6	.1	2.8	.1
24TH	295.50	55.6	-2.0	2093	798	26.5	-2.5	-0	1	130.1	-4.6	.1	1.5	.0
TOP	319.00	130.1	-4.6	6148	2792	21.2	-1.6	-0	0	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1970.0	-265.5	48.6	340.5	-11.5
LBBY	12.50	1.7	.5	112	158	15.6	2.9	1	2	1968.2	-266.0	45.2	315.8	-11.5
2ND	25.00	45.4	-7	1911	1298	23.7	-6	-0	3	1922.8	-265.3	41.9	291.5	-11.6
3RD	37.50	71.5	-10.3	3063	1485	23.3	-7.0	1	-3	1851.4	-254.9	38.7	267.9	-11.3
4TH	50.00	76.3	-10.8	3270	1485	23.3	-7.2	1	-4	1775.0	-244.2	35.6	245.3	-10.9
5TH	62.50	75.2	-9.6	3270	1485	23.0	-6.5	1	-4	1699.9	-234.5	32.6	223.6	-10.5
6TH	75.00	74.3	-8.8	3270	1485	22.7	-5.9	1	-4	1625.6	-225.8	29.7	202.8	-10.1
7TH	87.50	73.5	-8.3	3270	1485	22.5	-5.6	1	-4	1552.1	-217.5	26.9	182.9	-9.7
8TH	100.00	72.7	-8.0	3270	1485	22.2	-5.4	1	-4	1479.4	-209.5	24.3	164.0	-9.3
9TH	112.50	74.0	-8.5	3270	1485	22.6	-5.7	1	-4	1405.4	-201.0	21.7	145.9	-8.9
10TH	125.00	75.6	-9.3	3270	1485	23.1	-6.3	1	-4	1329.7	-191.6	19.2	128.8	-8.4
11TH	137.50	77.3	-10.2	3270	1485	23.6	-6.9	2	-4	1252.4	-181.4	16.9	112.7	-8.0
12TH	150.00	79.0	-11.0	3270	1485	24.2	-7.4	2	-5	1173.4	-170.5	14.7	97.5	-7.4
13TH	162.50	80.8	-11.7	3270	1485	24.7	-7.9	2	-5	1092.6	-158.8	12.6	83.4	-6.9
14TH	175.00	83.3	-12.2	3270	1485	25.5	-8.2	2	-5	1009.3	-146.6	10.7	70.2	-6.3
15TH	187.50	85.9	-12.2	3270	1485	26.3	-8.2	2	-5	923.3	-134.4	9.0	58.2	-5.7
16TH	200.00	88.6	-12.2	3270	1485	27.1	-8.2	2	-5	834.7	-122.3	7.4	47.2	-5.0
17TH	212.50	91.5	-12.2	3270	1485	28.0	-8.2	2	-5	743.2	-110.1	5.9	37.3	-4.4
18TH	225.00	94.3	-12.1	3270	1485	28.8	-8.2	2	-5	648.9	-98.0	4.6	28.6	-3.7
19TH	237.50	94.5	-12.3	3270	1485	28.9	-8.3	2	-5	554.5	-85.7	3.5	21.1	-3.1
20TH	250.00	93.9	-12.7	3270	1485	28.7	-8.6	2	-5	460.6	-73.0	2.5	14.7	-2.5
21ST	262.50	93.4	-13.1	3270	1485	28.6	-8.8	2	-5	367.2	-59.9	1.7	9.6	-1.9
22ND	275.00	93.1	-13.6	3270	1485	28.5	-9.2	2	-4	274.1	-46.3	1.0	5.6	-1.3
23RD	287.50	92.8	-14.1	3270	1485	28.4	-9.5	2	-4	181.2	-32.2	.5	2.7	-.7
24TH	295.50	54.7	-8.9	2093	798	26.1	-11.2	1	-3	126.5	-23.3	.3	1.5	-.5
TOP	319.00	126.5	-23.3	6148	2792	20.6	-8.4	2	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1940.8	-431.1	76.5	336.2	-19.7
LBBY	12.50	2.0	-1.5	112	158	17.5	-3.4	1	-1	1938.8	-430.6	71.1	312.0	-19.7
2ND	25.00	43.5	-6.0	1911	1298	22.8	-4.6	0	-1	1895.3	-424.6	65.8	288.0	-19.6
3RD	37.50	68.5	-15.7	3063	1485	22.4	-10.6	4	-7	1826.8	-408.9	60.5	264.8	-19.0
4TH	50.00	73.7	-16.6	3270	1485	22.5	-11.2	4	-7	1753.1	-392.3	55.5	242.4	-18.2
5TH	62.50	73.1	-16.0	3270	1485	22.3	-10.8	4	-7	1680.0	-376.3	50.7	220.9	-17.5
6TH	75.00	72.7	-15.7	3270	1485	22.2	-10.5	4	-7	1607.3	-360.6	46.1	200.4	-16.7
7TH	87.50	72.3	-15.6	3270	1485	22.1	-10.5	4	-7	1535.0	-345.0	41.7	180.8	-16.0
8TH	100.00	71.9	-15.7	3270	1485	22.0	-10.6	4	-7	1463.1	-329.3	37.5	162.0	-15.3
9TH	112.50	73.4	-16.0	3270	1485	22.5	-10.8	4	-7	1389.7	-313.3	33.5	144.2	-14.6
10TH	125.00	75.3	-16.3	3270	1485	23.0	-11.0	4	-7	1314.4	-297.0	29.7	127.3	-13.9
11TH	137.50	77.1	-16.6	3270	1485	23.6	-11.2	4	-7	1237.3	-280.4	26.1	111.3	-13.1
12TH	150.00	79.1	-17.0	3270	1485	24.2	-11.5	4	-8	1158.3	-263.4	22.7	96.4	-12.3
13TH	162.50	81.0	-17.5	3270	1485	24.8	-11.8	5	-8	1077.3	-245.9	19.5	82.4	-11.3
14TH	175.00	83.0	-18.1	3270	1485	25.4	-12.2	5	-8	994.3	-227.8	16.5	69.4	-10.4
15TH	187.50	85.1	-18.4	3270	1485	26.0	-12.4	5	-8	909.1	-209.4	13.8	57.5	-9.4
16TH	200.00	87.2	-18.8	3270	1485	26.7	-12.7	5	-8	821.9	-190.6	11.3	46.7	-8.4
17TH	212.50	89.3	-19.2	3270	1485	27.3	-13.0	5	-8	732.6	-171.3	9.0	37.0	-7.4
18TH	225.00	91.4	-19.7	3270	1485	27.9	-13.3	5	-8	641.2	-151.6	7.0	28.4	-6.4
19TH	237.50	91.9	-20.3	3270	1485	28.1	-13.6	5	-8	549.3	-131.4	5.2	21.0	-5.3
20TH	250.00	91.9	-20.5	3270	1485	28.1	-13.8	5	-8	457.4	-110.9	3.7	14.7	-4.3
21ST	262.50	91.9	-20.7	3270	1485	28.1	-13.9	5	-8	365.4	-90.2	2.5	9.6	-3.3
22ND	275.00	92.1	-20.9	3270	1485	28.1	-14.1	5	-8	273.4	-69.3	1.5	5.6	-2.3
23RD	287.50	92.1	-21.3	3270	1485	28.2	-14.3	5	-7	181.2	-48.0	.7	2.7	-1.4
24TH	295.50	54.7	-13.3	2093	798	26.1	-16.6	3	-5	126.5	-34.7	.4	1.5	-1.0
TOP	319.00	126.5	-34.7	6148	2792	20.6	-12.4	4	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									1842.3	-480.1	86.3	317.0	-26.0
LBBY	12.50	2.2	-1.9	112	158	19.7	-11.9	1	-0	1840.1	-478.2	80.3	294.0	-26.0
2ND	25.00	41.5	-9.0	1911	1298	21.7	-6.9	2	-4	1798.6	-469.2	74.4	271.3	-25.8
3RD	37.50	64.9	-15.7	3063	1485	21.2	-10.6	7	-10	1733.7	-453.5	68.6	249.2	-24.8
4TH	50.00	70.0	-16.3	3270	1485	21.4	-11.0	7	-11	1663.7	-437.2	63.0	228.0	-23.7
5TH	62.50	69.8	-16.2	3270	1485	21.3	-10.9	7	-11	1593.9	-421.0	57.7	207.6	-22.7
6TH	75.00	69.7	-16.3	3270	1485	21.3	-11.0	7	-11	1524.2	-404.7	52.5	188.1	-21.6
7TH	87.50	69.6	-16.4	3270	1485	21.3	-11.1	7	-11	1454.6	-388.2	47.5	169.5	-20.6
8TH	100.00	69.6	-16.6	3270	1485	21.3	-11.2	7	-11	1385.0	-371.6	42.8	151.8	-19.5
9TH	112.50	71.2	-17.1	3270	1485	21.8	-11.5	7	-10	1313.8	-354.5	38.3	134.9	-18.5
10TH	125.00	73.0	-17.6	3270	1485	22.3	-11.9	7	-10	1240.8	-336.9	33.9	118.9	-17.4
11TH	137.50	74.9	-18.2	3270	1485	22.9	-12.2	7	-10	1166.0	-318.7	29.8	103.9	-16.4
12TH	150.00	76.7	-18.8	3270	1485	23.5	-12.6	7	-10	1089.2	-300.0	26.0	89.8	-15.3
13TH	162.50	78.6	-19.4	3270	1485	24.0	-13.1	7	-10	1010.7	-280.6	22.3	76.7	-14.1
14TH	175.00	80.0	-20.1	3270	1485	24.5	-13.5	7	-10	930.6	-260.5	19.0	64.5	-13.0
15TH	187.50	81.5	-20.7	3270	1485	24.9	-13.9	7	-10	849.1	-239.9	15.8	53.4	-11.8
16TH	200.00	83.0	-21.3	3270	1485	25.4	-14.3	7	-10	766.1	-218.6	13.0	43.3	-10.7
17TH	212.50	84.5	-22.0	3270	1485	25.9	-14.8	7	-10	681.6	-196.7	10.4	34.3	-9.4
18TH	225.00	86.1	-22.7	3270	1485	26.3	-15.3	7	-10	595.5	-174.0	8.1	26.3	-8.2
19TH	237.50	86.3	-23.2	3270	1485	26.4	-15.6	7	-10	509.2	-150.8	6.0	19.4	-6.9
20TH	250.00	86.0	-23.4	3270	1485	26.3	-15.8	7	-10	423.2	-127.4	4.3	13.5	-5.7
21ST	262.50	85.7	-23.6	3270	1485	26.2	-15.9	7	-10	337.5	-103.8	2.8	8.8	-4.4
22ND	275.00	85.5	-23.9	3270	1485	26.1	-16.1	7	-10	252.0	-79.9	1.7	5.1	-3.2
23RD	287.50	85.3	-24.5	3270	1485	26.1	-16.5	8	-10	166.7	-55.3	.8	2.5	-2.0
24TH	295.50	50.8	-15.5	2093	798	24.3	-19.4	6	-8	115.9	-39.9	.5	1.4	-1.4
TOP	319.00	115.9	-39.9	6148	2792	18.9	-14.3	8	-8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1740.3	-512.4	93.8	298.3	-30.2
LBBY	12.50	2.4	-2.8	112	150	21.6	-17.5	3	-1	1737.9	-509.6	87.4	276.6	-30.2
2ND	25.00	40.3	-9.2	1911	1298	21.1	-7.1	5	-8	1697.5	-500.4	81.1	255.1	-29.8
3RD	37.50	61.3	-13.8	3063	1485	20.0	-9.3	8	-14	1636.3	-486.6	74.9	234.3	-28.6
4TH	50.00	66.0	-15.0	3270	1485	20.2	-10.1	9	-14	1570.2	-471.6	68.9	214.2	-27.3
5TH	62.50	66.5	-15.3	3270	1485	20.3	-10.3	8	-13	1503.7	-456.3	63.1	195.0	-26.0
6TH	75.00	67.1	-15.9	3270	1485	20.5	-10.7	8	-13	1436.5	-440.4	57.5	176.6	-24.8
7TH	87.50	67.8	-16.6	3270	1485	20.7	-11.2	8	-12	1368.8	-423.7	52.1	159.1	-23.6
8TH	100.00	68.3	-17.3	3270	1485	20.9	-11.6	8	-12	1300.5	-406.5	47.0	142.4	-22.4
9TH	112.50	69.0	-17.8	3270	1485	21.1	-12.0	8	-12	1231.4	-388.6	42.0	126.6	-21.2
10TH	125.00	69.8	-18.6	3270	1485	21.3	-12.5	9	-12	1161.7	-370.1	37.2	111.6	-20.0
11TH	137.50	70.5	-19.3	3270	1485	21.6	-13.0	9	-12	1091.1	-350.7	32.7	97.6	-18.7
12TH	150.00	71.3	-20.3	3270	1485	21.8	-13.7	10	-12	1019.9	-330.5	28.5	84.4	-17.4
13TH	162.50	72.0	-21.3	3270	1485	22.0	-14.3	10	-13	947.8	-309.2	24.5	72.1	-16.1
14TH	175.00	73.8	-22.4	3270	1485	22.6	-15.1	10	-12	874.1	-286.8	20.8	60.7	-14.7
15TH	187.50	75.8	-23.0	3270	1485	23.2	-15.5	10	-12	798.3	-263.8	17.3	50.2	-13.4
16TH	200.00	77.7	-23.7	3270	1485	23.8	-15.9	10	-12	720.6	-240.2	14.2	40.7	-12.1
17TH	212.50	79.7	-24.4	3270	1485	24.4	-16.4	9	-11	640.9	-215.8	11.3	32.2	-10.7
18TH	225.00	81.6	-25.1	3270	1485	24.9	-16.9	9	-11	559.3	-190.7	8.8	24.7	-9.4
19TH	237.50	81.6	-25.7	3270	1485	24.9	-17.3	10	-11	477.7	-164.9	6.5	18.2	-8.0
20TH	250.00	80.8	-25.9	3270	1485	24.7	-17.4	10	-11	396.9	-139.0	4.6	12.8	-6.7
21ST	262.50	80.2	-26.1	3270	1485	24.5	-17.6	10	-11	316.7	-113.0	3.1	8.3	-5.3
22ND	275.00	79.6	-26.4	3270	1485	24.3	-17.7	10	-11	237.1	-86.6	1.8	4.9	-4.0
23RD	287.50	79.0	-26.8	3270	1485	24.2	-18.1	10	-11	158.2	-59.8	.9	2.4	-2.7
24TH	295.50	47.0	-17.0	2093	798	22.4	-21.3	10	-10	111.2	-42.7	.5	1.3	-2.0
TOP	319.00	111.2	-42.7	6148	2792	18.1	-15.3	12	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (Z)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1630.9	-446.5	84.1	276.9	-33.7
LBBY	12.50	2.7	-3.3	112	158	24.1	-20.8	4	-1	1628.2	-443.2	78.6	256.5	-33.7
2ND	25.00	43.3	-8.1	1911	1298	22.6	-6.2	6	-12	1584.9	-435.2	73.1	236.4	-33.0
3RD	37.50	60.4	-10.3	3063	1485	19.7	-6.9	8	-17	1524.5	-424.9	67.7	217.0	-31.6
4TH	50.00	63.7	-10.7	3270	1485	19.5	-7.2	8	-17	1460.8	-414.2	62.5	198.3	-30.1
5TH	62.50	63.5	-11.2	3270	1485	19.4	-7.6	8	-16	1397.2	-402.9	57.4	180.5	-28.7
6TH	75.00	63.5	-11.9	3270	1485	19.4	-8.0	8	-16	1333.7	-391.0	52.4	163.4	-27.3
7TH	87.50	63.6	-12.6	3270	1485	19.4	-8.5	8	-16	1270.1	-378.4	47.6	147.1	-25.9
8TH	100.00	63.5	-13.4	3270	1485	19.4	-9.0	9	-16	1206.6	-365.0	42.9	131.6	-24.5
9TH	112.50	64.3	-14.3	3270	1485	19.6	-9.7	9	-15	1142.4	-350.7	38.5	117.0	-23.1
10TH	125.00	65.2	-15.3	3270	1485	19.9	-10.3	9	-15	1077.2	-335.4	34.2	103.1	-21.7
11TH	137.50	66.1	-16.3	3270	1485	20.2	-11.0	10	-15	1011.1	-319.1	30.1	90.0	-20.3
12TH	150.00	67.0	-17.4	3270	1485	20.5	-11.7	10	-15	944.1	-301.6	26.2	77.8	-18.9
13TH	162.50	68.0	-18.6	3270	1485	20.8	-12.5	11	-15	876.1	-283.0	22.6	66.4	-17.5
14TH	175.00	69.4	-19.6	3270	1485	21.2	-13.2	11	-14	806.7	-263.4	19.1	55.9	-16.0
15TH	187.50	70.8	-20.5	3270	1485	21.7	-13.8	11	-14	735.9	-243.0	16.0	46.3	-14.6
16TH	200.00	72.3	-21.3	3270	1485	22.1	-14.4	11	-13	663.6	-221.6	13.1	37.5	-13.2
17TH	212.50	73.7	-22.3	3270	1485	22.5	-15.0	11	-13	589.9	-199.3	10.4	29.7	-11.8
18TH	225.00	75.2	-23.2	3270	1485	23.0	-15.6	11	-13	514.6	-176.1	8.1	22.8	-10.4
19TH	237.50	75.1	-23.8	3270	1485	22.9	-16.1	11	-13	439.6	-152.3	6.0	16.8	-9.0
20TH	250.00	74.2	-23.9	3270	1485	22.7	-16.1	11	-13	365.4	-128.3	4.3	11.8	-7.5
21ST	262.50	73.5	-24.0	3270	1485	22.5	-16.1	12	-13	291.9	-104.4	2.8	7.7	-6.1
22ND	275.00	72.9	-24.2	3270	1485	22.3	-16.3	12	-13	219.0	-80.2	1.7	4.5	-4.6
23RD	287.50	72.4	-24.7	3270	1485	22.1	-16.6	13	-14	146.6	-55.5	.8	2.2	-3.1
24TH	295.50	42.9	-16.3	2093	798	20.5	-20.4	13	-13	103.8	-39.2	.5	1.2	-2.3
TOP	319.00	103.8	-39.2	6148	2792	16.9	-14.1	15	-14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1276.0	-243.9	44.6	222.4	-37.4
LBBY	12.50	2.1	-3.2	112	158	18.5	-20.2	4	-1	1274.0	-240.7	41.5	206.4	-37.4
2ND	25.00	28.7	-6.2	1911	1298	15.0	-4.8	10	-18	1245.3	-234.5	38.6	190.7	-36.6
3RD	37.50	44.2	-6.6	3063	1485	14.4	-4.4	9	-22	1201.0	-227.9	35.7	175.4	-35.3
4TH	50.00	47.3	-6.7	3270	1485	14.5	-4.5	8	-21	1153.7	-221.3	32.9	160.7	-33.9
5TH	62.50	47.3	-7.0	3270	1485	14.5	-4.7	8	-20	1106.4	-214.2	30.1	146.5	-32.5
6TH	75.00	47.5	-7.5	3270	1485	14.5	-5.1	8	-20	1058.9	-206.7	27.5	133.0	-31.2
7TH	87.50	47.8	-8.1	3270	1485	14.6	-5.4	9	-19	1011.1	-198.6	25.0	120.1	-30.0
8TH	100.00	48.1	-8.5	3270	1485	14.7	-5.7	9	-19	963.0	-190.1	22.5	107.7	-28.7
9TH	112.50	49.0	-8.6	3270	1485	15.0	-5.8	9	-19	914.0	-181.5	20.2	96.0	-27.4
10TH	125.00	50.1	-8.7	3270	1485	15.3	-5.9	9	-20	863.9	-172.8	18.0	84.9	-26.0
11TH	137.50	51.1	-8.9	3270	1485	15.6	-6.0	9	-20	812.9	-163.9	15.9	74.4	-24.6
12TH	150.00	52.1	-9.3	3270	1485	15.9	-6.3	10	-20	760.8	-154.6	13.9	64.6	-23.1
13TH	162.50	53.1	-9.7	3270	1485	16.2	-6.5	10	-21	707.7	-144.8	12.0	55.4	-21.6
14TH	175.00	54.0	-9.9	3270	1485	16.5	-6.6	11	-21	653.8	-135.0	10.3	46.9	-20.0
15TH	187.50	54.8	-10.0	3270	1485	16.8	-6.7	11	-22	599.0	-125.0	8.7	39.1	-18.3
16TH	200.00	55.6	-10.1	3270	1485	17.0	-6.8	11	-23	543.4	-114.9	7.2	31.9	-16.5
17TH	212.50	56.5	-10.3	3270	1485	17.3	-7.0	12	-24	486.8	-104.6	5.8	25.5	-14.7
18TH	225.00	57.5	-10.5	3270	1485	17.6	-7.1	12	-24	429.3	-94.1	4.6	19.7	-12.7
19TH	237.50	58.1	-11.1	3270	1485	17.8	-7.5	12	-24	371.3	-83.0	3.4	14.7	-10.8
20TH	250.00	58.5	-11.5	3270	1485	17.9	-7.8	12	-23	312.7	-71.4	2.5	10.5	-8.9
21ST	262.50	59.0	-12.0	3270	1485	18.0	-8.1	12	-22	253.7	-59.5	1.7	6.9	-7.1
22ND	275.00	59.6	-12.7	3270	1485	18.2	-8.6	12	-21	194.1	-46.7	1.0	4.1	-5.4
23RD	287.50	60.3	-13.8	3270	1485	18.4	-9.3	12	-20	133.8	-32.9	.5	2.1	-3.7
24TH	295.50	35.8	-9.3	2093	798	17.1	-11.7	14	-20	98.0	-23.6	.3	1.2	-2.6
TOP	319.00	98.0	-23.6	6148	2792	15.9	-8.4	12	-19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									662.1	-133.2	28.9	121.2	-15.6
LBBY	12.50	.9	-1.7	112	158	8.2	-11.0	7	-1	661.2	-131.5	27.2	112.9	-15.5
2ND	25.00	9.7	-2.8	1911	1298	5.1	-2.1	23	-30	651.5	-128.7	25.6	104.7	-15.1
3RD	37.50	18.5	-2.7	3063	1485	6.1	-1.8	11	-27	632.9	-126.0	24.0	96.6	-14.4
4TH	50.00	21.1	-2.6	3270	1485	6.4	-1.7	8	-25	611.8	-123.4	22.5	88.9	-13.7
5TH	62.50	21.9	-2.4	3270	1485	6.7	-1.6	8	-25	590.0	-121.0	20.9	81.4	-12.9
6TH	75.00	22.7	-2.3	3270	1485	6.9	-1.6	7	-25	567.3	-118.6	19.4	74.1	-12.2
7TH	87.50	23.5	-2.2	3270	1485	7.2	-1.5	6	-25	543.8	-116.5	18.0	67.2	-11.4
8TH	100.00	24.3	-2.1	3270	1485	7.4	-1.4	6	-24	519.6	-114.4	16.5	60.5	-10.6
9TH	112.50	24.7	-2.1	3270	1485	7.6	-1.4	5	-23	494.9	-112.3	15.1	54.2	-9.8
10TH	125.00	25.1	-2.1	3270	1485	7.7	-1.4	5	-22	469.8	-110.2	13.7	48.2	-9.0
11TH	137.50	25.4	-2.3	3270	1485	7.8	-1.6	5	-21	444.4	-107.9	12.3	42.5	-8.3
12TH	150.00	25.6	-2.8	3270	1485	7.8	-1.9	6	-20	418.8	-105.1	11.0	37.1	-7.6
13TH	162.50	25.9	-3.2	3270	1485	7.9	-2.2	6	-19	392.9	-101.9	9.7	32.0	-6.9
14TH	175.00	27.0	-3.6	3270	1485	8.2	-2.4	7	-18	365.9	-98.3	8.5	27.2	-6.2
15TH	187.50	28.0	-4.1	3270	1485	8.6	-2.8	7	-17	337.9	-94.2	7.3	22.8	-5.5
16TH	200.00	29.0	-4.7	3270	1485	8.9	-3.2	7	-16	308.8	-89.4	6.1	18.8	-4.9
17TH	212.50	29.9	-5.7	3270	1485	9.1	-3.8	8	-15	278.9	-83.8	5.0	15.1	-4.3
18TH	225.00	30.8	-6.6	3270	1485	9.4	-4.5	8	-14	248.1	-77.1	4.0	11.8	-3.7
19TH	237.50	31.4	-7.5	3270	1485	9.6	-5.1	9	-13	216.7	-69.6	3.1	8.9	-3.1
20TH	250.00	32.1	-8.1	3270	1485	9.8	-5.5	9	-13	184.6	-61.5	2.3	6.4	-2.5
21ST	262.50	32.7	-8.7	3270	1485	10.0	-5.9	9	-13	151.8	-52.8	1.6	4.3	-1.9
22ND	275.00	33.3	-9.8	3270	1485	10.2	-6.6	9	-12	118.5	-43.0	1.0	2.6	-1.3
23RD	287.50	34.0	-11.0	3270	1485	10.4	-7.4	9	-11	84.5	-32.0	.5	1.4	-.8
24TH	295.50	19.8	-7.6	2093	798	9.5	-9.5	11	-11	64.8	-24.4	.3	.8	-.5
TOP	319.00	64.8	-24.4	6148	2792	10.5	-8.8	5	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									267.9	-211.1	41.6	52.0	14.5
LBBY	12.50	.5	-1.7	112	158	4.4	-11.0	-16	2	267.4	-209.4	39.0	48.6	14.5
2ND	25.00	1.5	-6.3	1911	1298	.8	-4.8	-46	4	265.9	-203.1	36.4	45.3	14.3
3RD	37.50	5.6	-5.4	3063	1485	1.8	-3.6	-50	19	260.3	-197.7	33.9	42.0	14.0
4TH	50.00	6.0	-5.0	3270	1485	1.8	-3.4	-54	24	254.3	-192.7	31.5	38.8	13.7
5TH	62.50	6.1	-4.8	3270	1485	1.9	-3.3	-57	27	248.2	-187.9	29.1	35.6	13.4
6TH	75.00	6.4	-4.9	3270	1485	2.0	-3.3	-58	28	241.8	-183.0	26.8	32.6	13.0
7TH	87.50	6.7	-4.8	3270	1485	2.0	-3.2	-57	29	235.1	-178.2	24.5	29.6	12.6
8TH	100.00	6.9	-4.8	3270	1485	2.1	-3.3	-58	31	228.2	-173.4	22.3	26.7	12.1
9TH	112.50	8.0	-5.3	3270	1485	2.4	-3.5	-56	31	220.2	-168.1	20.2	23.9	11.7
10TH	125.00	9.2	-5.7	3270	1485	2.8	-3.8	-52	31	211.0	-162.4	18.1	21.2	11.1
11TH	137.50	10.4	-6.2	3270	1485	3.2	-4.2	-51	32	200.6	-156.3	16.1	18.6	10.5
12TH	150.00	11.6	-6.9	3270	1485	3.5	-4.6	-50	31	189.1	-149.4	14.2	16.2	9.9
13TH	162.50	12.7	-7.6	3270	1485	3.9	-5.1	-49	30	176.3	-141.8	12.4	13.9	9.2
14TH	175.00	13.2	-8.1	3270	1485	4.0	-5.4	-48	29	163.2	-133.7	10.7	11.8	8.4
15TH	187.50	13.6	-8.4	3270	1485	4.2	-5.7	-47	28	149.6	-125.3	9.0	9.8	7.7
16TH	200.00	14.0	-8.8	3270	1485	4.3	-5.9	-47	28	135.6	-116.4	7.5	8.1	7.0
17TH	212.50	14.3	-9.4	3270	1485	4.4	-6.4	-48	27	121.3	-107.0	6.1	6.5	6.2
18TH	225.00	14.7	-10.1	3270	1485	4.5	-6.8	-49	26	106.6	-96.9	4.9	5.0	5.5
19TH	237.50	14.5	-10.7	3270	1485	4.4	-7.2	-50	25	92.1	-86.2	3.7	3.8	4.7
20TH	250.00	14.2	-11.3	3270	1485	4.4	-7.6	-51	24	77.9	-74.9	2.7	2.7	4.0
21ST	262.50	14.0	-11.9	3270	1485	4.3	-8.0	-51	22	63.9	-63.0	1.8	1.8	3.2
22ND	275.00	13.8	-12.6	3270	1485	4.2	-8.5	-51	21	50.1	-50.4	1.1	1.1	2.5
23RD	287.50	13.6	-13.5	3270	1485	4.1	-9.1	-51	19	36.6	-36.9	.6	.6	1.8
24TH	295.50	8.7	-8.9	2093	798	4.1	-11.2	-47	17	27.9	-28.0	.3	.3	1.4
TOP	319.00	27.9	-28.0	6148	2792	4.5	-10.0	-51	19	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-97.7	-438.7	80.8	-16.3	37.0
LBBY	12.50	.7	-2.4	112	158	6.4	-15.2	-24	3	-98.4	-436.3	75.3	-15.0	36.9
2ND	25.00	3.7	-11.9	1911	1298	1.9	-9.2	-82	9	-102.0	-424.3	69.9	-13.8	36.4
3RD	37.50	-7.1	-11.3	3063	1485	-2.3	-7.6	-157	-37	-94.9	-413.0	64.7	-12.5	35.2
4TH	50.00	-8.7	-11.4	3270	1485	-2.7	-7.7	-157	-45	-86.2	-401.7	59.6	-11.4	33.7
5TH	62.50	-7.9	-11.5	3270	1485	-2.4	-7.7	-173	-44	-78.3	-390.2	54.6	-10.4	32.3
6TH	75.00	-6.9	-12.1	3270	1485	-2.1	-8.2	-189	-40	-71.4	-378.1	49.8	-9.4	30.8
7TH	87.50	-5.9	-12.9	3270	1485	-1.8	-8.7	-203	-35	-65.5	-365.1	45.2	-8.6	29.2
8TH	100.00	-5.2	-13.8	3270	1485	-1.6	-9.3	-211	-30	-60.2	-351.4	40.7	-7.8	27.5
9TH	112.50	-5.0	-14.6	3270	1485	-1.5	-9.8	-208	-26	-55.3	-336.8	36.4	-7.1	25.8
10TH	125.00	-4.6	-15.4	3270	1485	-1.4	-10.4	-204	-23	-50.6	-321.4	32.3	-6.4	24.1
11TH	137.50	-4.2	-16.2	3270	1485	-1.3	-10.9	-199	-19	-46.4	-305.2	28.4	-5.8	22.4
12TH	150.00	-3.6	-17.2	3270	1485	-1.1	-11.6	-194	-15	-42.9	-288.1	24.7	-5.3	20.6
13TH	162.50	-3.0	-18.1	3270	1485	-.9	-12.2	-188	-11	-39.9	-270.0	21.2	-4.7	18.9
14TH	175.00	-2.3	-18.9	3270	1485	-.7	-12.8	-181	-8	-37.6	-251.0	17.9	-4.3	17.2
15TH	187.50	-1.4	-19.8	3270	1485	-.4	-13.3	-174	-5	-36.2	-231.3	14.9	-3.8	15.4
16TH	200.00	-.5	-20.6	3270	1485	-.2	-13.9	-167	-2	-35.7	-210.7	12.2	-3.3	13.7
17TH	212.50	.5	-21.7	3270	1485	.1	-14.6	-158	1	-36.1	-189.0	9.7	-2.9	12.0
18TH	225.00	1.4	-22.9	3270	1485	.4	-15.4	-150	3	-37.6	-166.1	7.4	-2.4	10.3
19TH	237.50	.4	-23.7	3270	1485	.1	-16.0	-139	1	-37.9	-142.3	5.5	-2.0	8.6
20TH	250.00	-1.3	-23.7	3270	1485	-.4	-16.0	-133	-3	-36.6	-118.6	3.9	-1.5	7.1
21ST	262.50	-3.0	-23.6	3270	1485	-.9	-15.9	-125	-6	-33.6	-95.0	2.6	-1.1	5.6
22ND	275.00	-4.5	-23.3	3270	1485	-1.4	-15.7	-117	-8	-29.2	-71.7	1.5	-.7	4.1
23RD	287.50	-5.9	-22.7	3270	1485	-1.8	-15.3	-109	-11	-23.3	-49.0	.8	-.3	2.8
24TH	295.50	-7.6	-13.3	2093	798	-3.6	-16.7	-89	-19	-15.6	-35.7	.4	-.2	2.0
TOP	319.00	-15.6	-35.7	6148	2792	-2.5	-12.8	-95	-15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-189.9	-583.0	102.2	-29.4	45.3
LBBY	12.50	.6	-2.4	112	150	4.9	-15.4	-46	4	-190.5	-580.6	95.0	-27.0	45.3
2ND	25.00	3.1	-17.7	1911	1290	1.6	-13.6	-138	9	-193.6	-562.9	87.8	-24.6	44.0
3RD	37.50	-11.6	-18.9	3063	1485	-3.8	-12.7	-126	-29	-181.9	-543.9	80.9	-22.3	42.3
4TH	50.00	-14.3	-19.3	3270	1485	-4.4	-13.0	-115	-32	-167.6	-524.6	74.2	-20.1	40.6
5TH	62.50	-13.8	-19.0	3270	1485	-4.2	-12.8	-119	-32	-153.9	-505.6	67.8	-18.1	38.9
6TH	75.00	-13.1	-19.2	3270	1485	-4.0	-13.0	-125	-32	-140.8	-486.4	61.6	-16.2	37.1
7TH	87.50	-12.4	-19.6	3270	1485	-3.8	-13.2	-133	-31	-128.3	-466.8	55.6	-14.5	35.3
8TH	100.00	-11.7	-20.1	3270	1485	-3.6	-13.5	-141	-31	-116.6	-446.7	49.9	-13.0	33.4
9TH	112.50	-10.5	-20.9	3270	1485	-3.2	-14.0	-149	-28	-106.1	-425.9	44.5	-11.6	31.5
10TH	125.00	-9.2	-21.7	3270	1485	-2.8	-14.6	-155	-24	-96.9	-404.1	39.3	-10.3	29.5
11TH	137.50	-7.9	-22.7	3270	1485	-2.4	-15.3	-159	-21	-89.0	-381.5	34.4	-9.2	27.5
12TH	150.00	-6.5	-23.7	3270	1485	-2.0	-16.0	-162	-16	-82.5	-357.7	29.8	-8.1	25.4
13TH	162.50	-5.1	-24.8	3270	1485	-1.6	-16.7	-163	-12	-77.4	-333.0	25.4	-7.1	23.3
14TH	175.00	-4.7	-25.4	3270	1485	-1.4	-17.1	-161	-11	-72.7	-307.5	21.4	-6.2	21.2
15TH	187.50	-4.2	-26.2	3270	1485	-1.3	-17.7	-158	-9	-68.5	-281.3	17.8	-5.3	19.0
16TH	200.00	-3.7	-27.0	3270	1485	-1.1	-18.2	-155	-8	-64.8	-254.3	14.4	-4.5	16.9
17TH	212.50	-3.3	-27.9	3270	1485	-1.0	-18.8	-151	-7	-61.5	-226.4	11.4	-3.7	14.8
18TH	225.00	-2.8	-28.7	3270	1485	-.9	-19.3	-148	-5	-58.6	-197.7	8.8	-2.9	12.6
19TH	237.50	-4.2	-29.1	3270	1485	-1.3	-19.6	-138	-7	-54.5	-168.5	6.5	-2.2	10.6
20TH	250.00	-6.1	-28.7	3270	1485	-1.9	-19.4	-130	-10	-48.4	-139.8	4.5	-1.6	8.6
21ST	262.50	-7.9	-28.3	3270	1485	-2.4	-19.1	-121	-13	-40.5	-111.5	3.0	-1.0	6.8
22ND	275.00	-9.6	-27.9	3270	1485	-2.9	-18.8	-113	-14	-30.9	-83.6	1.7	-.6	5.0
23RD	287.50	-11.2	-27.4	3270	1485	-3.4	-18.4	-105	-16	-19.7	-56.2	.9	-.3	3.3
24TH	295.50	-8.3	-15.1	2093	790	-4.0	-18.9	-104	-21	-11.4	-41.1	.5	-.1	2.3
TOP	319.00	-11.4	-41.1	6148	2792	-1.8	-14.7	-104	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-521.5	-646.4	111.8	-88.1	61.0
LBBY	12.50	.1	-2.6	112	158	1.3	-16.1	-67	1	-521.6	-643.8	103.7	-81.6	60.9
2ND	25.00	-6.1	-21.1	1911	1298	-3.2	-16.3	-164	-18	-515.5	-622.7	95.8	-75.1	59.0
3RD	37.50	-22.8	-23.4	3063	1485	-7.5	-15.7	-86	-31	-492.6	-599.3	88.2	-68.8	57.1
4TH	50.00	-25.6	-22.9	3270	1485	-7.8	-15.5	-79	-33	-467.1	-576.4	80.8	-62.8	55.0
5TH	62.50	-24.6	-22.3	3270	1485	-7.5	-15.0	-84	-35	-442.4	-554.1	73.7	-57.2	52.9
6TH	75.00	-23.6	-22.1	3270	1485	-7.2	-14.9	-91	-36	-418.9	-532.0	66.9	-51.8	50.8
7TH	87.50	-22.5	-22.2	3270	1485	-6.9	-15.0	-99	-37	-396.3	-509.8	60.4	-46.7	48.5
8TH	100.00	-21.7	-22.4	3270	1485	-6.6	-15.1	-107	-38	-374.6	-487.3	54.2	-41.9	46.2
9TH	112.50	-21.3	-23.3	3270	1485	-6.5	-15.7	-113	-38	-353.4	-464.0	48.3	-37.3	43.8
10TH	125.00	-20.9	-24.2	3270	1485	-6.4	-16.3	-119	-38	-332.5	-439.8	42.6	-33.0	41.3
11TH	137.50	-20.4	-25.1	3270	1485	-6.2	-16.9	-125	-38	-312.1	-414.7	37.3	-29.0	38.7
12TH	150.00	-19.9	-26.4	3270	1485	-6.1	-17.8	-131	-37	-292.2	-388.3	32.3	-25.2	36.0
13TH	162.50	-19.5	-27.7	3270	1485	-6.0	-18.6	-136	-35	-272.7	-360.6	27.6	-21.7	33.1
14TH	175.00	-19.6	-28.3	3270	1485	-6.0	-19.0	-135	-35	-253.1	-332.4	23.2	-18.4	30.3
15TH	187.50	-19.8	-28.7	3270	1485	-6.1	-19.3	-135	-34	-233.3	-303.7	19.3	-15.4	27.5
16TH	200.00	-20.1	-29.2	3270	1485	-6.2	-19.7	-134	-34	-213.2	-274.4	15.7	-12.6	24.6
17TH	212.50	-20.5	-30.0	3270	1485	-6.3	-20.2	-134	-34	-192.7	-244.5	12.4	-10.0	21.6
18TH	225.00	-20.9	-30.7	3270	1485	-6.4	-20.7	-135	-34	-171.8	-213.8	9.5	-7.8	18.6
19TH	237.50	-21.9	-30.7	3270	1485	-6.7	-20.7	-127	-34	-149.8	-183.1	7.1	-5.8	15.6
20TH	250.00	-23.2	-30.6	3270	1485	-7.1	-20.6	-119	-33	-126.6	-152.5	5.0	-4.0	12.8
21ST	262.50	-24.4	-30.5	3270	1485	-7.5	-20.5	-110	-33	-102.2	-122.0	3.3	-2.6	10.0
22ND	275.00	-25.5	-30.4	3270	1485	-7.8	-20.5	-103	-32	-76.7	-91.6	1.9	-1.5	7.3
23RD	287.50	-26.6	-30.3	3270	1485	-8.1	-20.4	-96	-31	-50.1	-61.2	1.0	-.7	4.8
24TH	295.50	-19.3	-15.6	2093	798	-9.2	-19.6	-82	-37	-30.8	-45.6	.5	-.4	3.1
TOP	319.00	-30.8	-45.6	6148	2792	-5.0	-16.3	-95	-24	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	- .8	-1.0	112	158	-7.1	-6.4	-95	-27	-1046.3	-467.8	82.0	-176.9	62.2
LBBY	12.50													
2ND	25.00	-20.6	-14.1	1911	1298	-10.8	-10.9	-81	-44	-1045.5	-466.8	76.2	-163.8	62.1
3RD	37.50	-40.7	-16.8	3063	1485	-13.3	-11.3	-32	-29	-1024.8	-452.7	70.4	-150.9	60.4
4TH	50.00	-43.5	-16.8	3270	1485	-13.3	-11.3	-31	-30	-984.2	-435.9	64.9	-138.3	58.5
5TH	62.50	-43.0	-15.8	3270	1485	-13.1	-10.6	-31	-32	-940.7	-419.1	59.5	-126.3	56.5
6TH	75.00	-42.7	-15.4	3270	1485	-13.0	-10.4	-33	-34	-897.7	-403.3	54.4	-114.8	54.4
7TH	87.50	-42.6	-15.4	3270	1485	-13.0	-10.4	-33	-34	-855.1	-387.9	49.4	-103.8	52.2
8TH	100.00	-42.7	-15.5	3270	1485	-13.0	-10.4	-35	-35	-812.5	-372.5	44.7	-93.4	49.9
9TH	112.50	-42.8	-16.1	3270	1485	-13.1	-10.8	-36	-37	-769.8	-357.0	40.1	-83.5	47.5
10TH	125.00	-42.8	-16.8	3270	1485	-13.1	-11.3	-38	-38	-727.0	-340.9	35.8	-74.2	45.0
11TH	137.50	-43.0	-17.8	3270	1485	-13.1	-12.0	-40	-38	-684.2	-324.1	31.6	-65.3	42.5
12TH	150.00	-43.3	-18.9	3270	1485	-13.2	-12.7	-43	-38	-641.2	-306.3	27.7	-57.1	39.9
13TH	162.50	-43.3	-18.9	3270	1485	-13.2	-12.7	-45	-38	-597.9	-287.3	24.0	-49.3	37.2
14TH	175.00	-43.5	-20.0	3270	1485	-13.3	-13.5	-48	-39	-554.3	-267.4	20.5	-42.1	34.5
15TH	187.50	-44.0	-20.5	3270	1485	-13.4	-13.8	-48	-38	-510.4	-246.9	17.3	-35.5	31.7
16TH	200.00	-44.3	-20.8	3270	1485	-13.6	-14.0	-49	-38	-466.1	-226.1	14.3	-29.3	28.9
17TH	212.50	-44.9	-21.3	3270	1485	-13.7	-14.3	-49	-38	-421.1	-204.8	11.6	-23.8	26.0
18TH	225.00	-45.7	-22.1	3270	1485	-14.0	-14.9	-50	-38	-375.4	-182.7	9.2	-18.8	23.1
19TH	237.50	-46.6	-22.9	3270	1485	-14.2	-15.4	-51	-38	-328.8	-159.8	7.1	-14.4	20.1
20TH	250.00	-47.0	-23.2	3270	1485	-14.4	-15.6	-50	-38	-281.8	-136.7	5.2	-10.6	17.1
21ST	262.50	-47.3	-23.1	3270	1485	-14.5	-15.5	-49	-37	-234.5	-113.6	3.6	-7.4	14.2
22ND	275.00	-47.7	-23.1	3270	1485	-14.6	-15.5	-48	-37	-186.8	-90.5	2.4	-4.7	11.3
23RD	287.50	-48.2	-23.3	3270	1485	-14.7	-15.7	-47	-36	-138.6	-67.2	1.4	-2.7	8.3
24TH	295.50	-48.7	-23.7	3270	1485	-14.9	-16.0	-47	-36	-90.0	-43.4	.7	-1.3	5.4
TOP	319.00	-31.4	-10.5	2093	798	-15.0	-13.2	-36	-40	-58.6	-32.9	.4	-.7	3.6
		-58.6	-32.9	6148	2792	-9.5	-11.8	-52	-34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
 WIND DIRECTION 320  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

PIC LAS COLINAS OFFICE BUILDING  
 CONFIGURATION A  
 REFERENCE PRESSURE 26.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-2.1	1.3	112	158	-18.9	8.1	24	-15	-1524.1	-195.1	34.7	-258.6	57.5
LBBY	12.50	-36.6	-4.0	1911	1298	-19.1	-3.1	-9	-30	-1522.0	-196.4	32.2	-239.6	57.5
2ND	25.00	-57.9	-7.4	3063	1485	-18.9	-5.0	-7	-20	-1485.4	-192.4	29.8	-220.8	56.0
3RD	37.50	-60.7	-7.2	3270	1485	-18.6	-4.9	-7	-22	-1427.5	-185.0	27.4	-202.6	54.4
4TH	50.00	-59.8	-6.7	3270	1485	-18.3	-4.5	-7	-23	-1366.8	-177.8	25.2	-185.1	52.6
5TH	62.50	-59.5	-6.7	3270	1485	-18.2	-4.5	-7	-24	-1307.0	-171.0	23.0	-168.4	50.8
6TH	75.00	-59.5	-6.8	3270	1485	-18.2	-4.6	-8	-25	-1247.5	-164.3	20.9	-152.5	48.8
7TH	87.50	-59.8	-6.8	3270	1485	-18.3	-4.6	-8	-27	-1188.0	-157.5	18.9	-137.2	46.8
8TH	100.00	-60.3	-6.8	3270	1485	-18.5	-4.6	-8	-27	-1128.2	-150.7	17.0	-122.8	44.6
9TH	112.50	-60.9	-6.9	3270	1485	-18.6	-4.6	-8	-28	-1067.9	-143.8	15.1	-109.0	42.4
10TH	125.00	-61.7	-7.1	3270	1485	-18.9	-4.8	-9	-28	-1007.0	-137.0	13.4	-96.1	40.1
11TH	137.50	-62.7	-7.6	3270	1485	-19.2	-5.1	-9	-29	-945.3	-129.8	11.7	-83.9	37.7
12TH	150.00	-63.6	-8.0	3270	1485	-19.5	-5.4	-10	-29	-882.7	-122.3	10.1	-72.4	35.2
13TH	162.50	-64.6	-7.9	3270	1485	-19.7	-5.3	-10	-29	-819.1	-114.3	8.6	-61.8	32.6
14TH	175.00	-65.6	-8.3	3270	1485	-20.1	-5.6	-10	-29	-754.5	-106.4	7.3	-52.0	30.1
15TH	187.50	-67.1	-8.9	3270	1485	-20.5	-6.0	-10	-29	-688.9	-98.0	6.0	-43.0	27.5
16TH	200.00	-69.1	-9.7	3270	1485	-21.1	-6.6	-11	-29	-621.8	-89.1	4.8	-34.8	24.8
17TH	212.50	-71.1	-10.6	3270	1485	-21.7	-7.1	-11	-29	-552.7	-79.4	3.8	-27.4	22.1
18TH	225.00	-71.2	-10.8	3270	1485	-21.8	-7.3	-12	-28	-481.6	-68.8	2.8	-21.0	19.3
19TH	237.50	-71.2	-10.8	3270	1485	-21.8	-7.3	-12	-28	-410.5	-58.1	2.0	-15.4	16.5
20TH	250.00	-70.5	-10.9	3270	1485	-21.6	-7.3	-12	-28	-339.9	-47.2	1.4	-10.7	13.8
21ST	262.50	-70.0	-11.0	3270	1485	-21.4	-7.4	-12	-28	-269.9	-36.2	.9	-6.9	11.1
22ND	275.00	-69.9	-11.3	3270	1485	-21.4	-7.6	-12	-28	-200.0	-24.9	.5	-3.9	8.3
23RD	287.50	-69.7	-11.4	3270	1485	-21.3	-7.7	-13	-29	-130.2	-13.5	.2	-1.9	5.6
24TH	295.50	-44.2	-2.1	2093	796	-21.1	-2.7	-4	-31	-86.1	-11.4	.1	-1.0	3.7
TOP	319.00	-86.1	-11.4	6148	2792	-14.0	-4.1	-11	-31	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-2.7	2.9	112	158	-24.3	18.1	11	-4	-2081.4	-119.9	21.3	-361.2	33.7
LBBY	12.50	-43.0	.8	1911	1298	-22.5	.6	1	-17	-2078.7	-122.8	19.8	-335.2	33.7
2ND	25.00	-72.4	-5.0	3063	1485	-23.7	-3.4	-2	-11	-2035.7	-123.6	18.3	-309.5	32.7
3RD	37.50	-76.4	-5.5	3270	1485	-23.4	-3.7	-2	-12	-1963.2	-118.6	16.8	-284.5	31.6
4TH	50.00	-76.7	-4.9	3270	1485	-23.4	-3.3	-2	-12	-1886.8	-113.1	15.3	-260.5	30.4
5TH	62.50	-77.5	-4.6	3270	1485	-23.7	-3.1	-2	-12	-1810.1	-108.2	13.9	-237.4	29.2
6TH	75.00	-78.8	-4.5	3270	1485	-24.1	-3.0	-2	-12	-1732.6	-103.6	12.6	-215.2	27.9
7TH	87.50	-80.0	-4.4	3270	1485	-24.4	-3.0	-2	-12	-1653.8	-99.1	11.4	-194.1	26.7
8TH	100.00	-81.0	-4.3	3270	1485	-24.8	-2.9	-2	-12	-1573.8	-94.7	10.1	-173.9	25.4
9TH	112.50	-82.1	-4.4	3270	1485	-25.1	-3.0	-2	-12	-1492.9	-90.4	9.0	-154.7	24.1
10TH	125.00	-83.6	-4.6	3270	1485	-25.6	-3.1	-2	-12	-1410.8	-86.0	7.9	-136.6	22.8
11TH	137.50	-85.5	-4.9	3270	1485	-26.2	-3.3	-2	-12	-1327.2	-81.4	6.8	-119.5	21.4
12TH	150.00	-87.5	-5.3	3270	1485	-26.7	-3.6	-2	-12	-1241.7	-76.4	5.9	-103.4	20.1
13TH	162.50	-89.4	-5.5	3270	1485	-27.3	-3.7	-2	-12	-1154.2	-71.1	4.9	-88.4	18.7
14TH	175.00	-91.2	-5.8	3270	1485	-27.9	-3.9	-2	-12	-1064.8	-65.6	4.1	-74.6	17.3
15TH	187.50	-93.3	-6.2	3270	1485	-28.5	-4.2	-2	-12	-973.6	-59.8	3.3	-61.8	15.9
16TH	200.00	-95.7	-6.9	3270	1485	-29.3	-4.6	-2	-12	-880.3	-53.6	2.6	-50.2	14.4
17TH	212.50	-98.0	-7.5	3270	1485	-30.0	-5.0	-3	-12	-784.6	-46.7	2.0	-39.8	12.8
18TH	225.00	-97.9	-7.4	3270	1485	-29.9	-5.0	-2	-12	-686.5	-39.3	1.4	-30.6	11.2
19TH	237.50	-97.3	-7.2	3270	1485	-29.8	-4.9	-2	-12	-588.6	-31.8	1.0	-22.7	9.5
20TH	250.00	-96.9	-7.1	3270	1485	-29.6	-4.8	-2	-12	-491.3	-24.6	.6	-15.9	8.0
21ST	262.50	-97.0	-6.9	3270	1485	-29.7	-4.7	-2	-12	-394.4	-17.5	.4	-10.4	6.4
22ND	275.00	-97.1	-6.7	3270	1485	-29.7	-4.5	-2	-11	-297.4	-10.6	.2	-6.1	4.9
23RD	287.50	-63.7	.8	2093	798	-30.4	1.0	0	-12	-200.3	-3.9	.1	-3.0	3.4
24TH	295.50	-136.6	-4.7	6148	2792	-22.2	-1.7	-1	-13	-136.6	-4.7	.1	-1.6	2.4
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
 WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-2110.2	-228.7	45.8	-365.5	24.7
LBBY	12.50	-3.3	3.9	112	158	-29.2	24.7	-5	2	-2106.9	-232.6	43.0	-339.1	24.7
2ND	25.00	-48.4	5.3	1911	1298	-25.3	4.1	-0	0	-2058.5	-237.9	40.0	-313.1	24.7
3RD	37.50	-78.1	-2.4	3063	1485	-25.5	-1.6	0	0	-1980.4	-235.5	37.1	-287.8	24.8
4TH	50.00	-81.2	-3.6	3270	1485	-24.8	-2.4	-0	-2	-1899.2	-231.9	34.1	-263.6	24.6
5TH	62.50	-79.1	-4.3	3270	1485	-24.2	-2.9	-0	-2	-1820.1	-227.5	31.3	-240.3	24.4
6TH	75.00	-77.6	-5.3	3270	1485	-23.7	-3.6	-1	-3	-1742.5	-222.2	28.5	-218.1	24.1
7TH	87.50	-76.4	-6.4	3270	1485	-23.4	-4.3	-1	-4	-1666.0	-215.8	25.7	-196.8	23.7
8TH	100.00	-76.2	-7.4	3270	1485	-23.3	-5.0	-1	-5	-1589.9	-208.5	23.1	-176.4	23.2
9TH	112.50	-78.7	-8.2	3270	1485	-24.0	-5.5	-2	-6	-1511.2	-200.3	20.5	-157.0	22.5
10TH	125.00	-81.2	-9.2	3270	1485	-24.8	-6.2	-2	-7	-1430.0	-191.2	18.1	-138.7	21.7
11TH	137.50	-83.9	-10.2	3270	1485	-25.6	-6.9	-3	-8	-1346.2	-181.0	15.7	-121.3	20.8
12TH	150.00	-86.8	-11.1	3270	1485	-26.5	-7.5	-3	-9	-1259.4	-169.8	13.5	-105.0	19.7
13TH	162.50	-89.6	-12.1	3270	1485	-27.4	-8.1	-4	-10	-1169.8	-157.7	11.5	-89.8	18.5
14TH	175.00	-91.1	-12.7	3270	1485	-27.8	-8.6	-4	-10	-1078.7	-145.0	9.6	-75.8	17.2
15TH	187.50	-92.5	-13.0	3270	1485	-28.3	-8.8	-4	-11	-986.3	-132.0	7.9	-62.9	15.9
16TH	200.00	-94.1	-13.5	3270	1485	-28.8	-9.1	-4	-11	-892.2	-118.5	6.3	-51.1	14.4
17TH	212.50	-96.1	-14.2	3270	1485	-29.4	-9.6	-5	-12	-796.1	-104.3	4.9	-40.6	12.9
18TH	225.00	-98.0	-14.9	3270	1485	-30.0	-10.0	-5	-12	-698.0	-89.4	3.7	-31.2	11.3
19TH	237.50	-98.3	-14.6	3270	1485	-30.1	-9.9	-5	-12	-599.7	-74.8	2.7	-23.1	9.7
20TH	250.00	-98.3	-14.2	3270	1485	-30.1	-9.6	-5	-12	-501.4	-60.6	1.8	-16.3	8.1
21ST	262.50	-98.5	-13.9	3270	1485	-30.1	-9.4	-4	-11	-402.9	-46.7	1.2	-10.6	6.5
22ND	275.00	-98.9	-13.7	3270	1485	-30.2	-9.2	-4	-11	-303.9	-33.0	.7	-6.2	5.0
23RD	287.50	-99.4	-13.5	3270	1485	-30.4	-9.1	-4	-11	-204.6	-19.6	.3	-3.0	3.5
24TH	295.50	-65.7	-3.4	2093	798	-31.4	-4.3	-2	-12	-138.9	-16.2	.2	-1.6	2.4
TOP	319.00	-138.9	-16.2	6148	2792	-22.6	-5.8	-4	-13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING  
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 26.0 PSF  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-2243.7	-180.5	32.7	-388.5	6.3
LBBY	12.50	-3.3	3.7	112	158	-29.6	23.4	-4	1	-2240.3	-184.2	30.4	-360.5	6.3
2ND	25.00	-49.5	3.2	1911	1298	-25.9	2.5	-0	0	-2190.8	-187.4	28.1	-332.8	6.3
3RD	37.50	-80.9	-5.6	3063	1485	-26.4	-3.8	0	2	-2110.0	-181.8	25.8	-305.9	6.6
4TH	50.00	-84.9	-7.4	3270	1485	-26.0	-5.0	0	1	-2025.1	-174.4	23.6	-280.0	6.6
5TH	62.50	-84.1	-7.2	3270	1485	-25.7	-4.8	0	1	-1941.0	-167.2	21.4	-255.3	6.8
6TH	75.00	-84.0	-7.0	3270	1485	-25.7	-4.7	0	1	-1857.1	-160.2	19.4	-231.5	6.9
7TH	87.50	-84.3	-6.9	3270	1485	-25.8	-4.7	0	1	-1772.8	-153.3	17.4	-208.8	7.1
8TH	100.00	-84.9	-7.0	3270	1485	-26.0	-4.7	0	1	-1687.9	-146.3	15.6	-187.2	7.2
9TH	112.50	-86.5	-7.3	3270	1485	-26.4	-4.9	0	0	-1601.4	-139.1	13.8	-166.6	7.2
10TH	125.00	-88.0	-7.6	3270	1485	-26.9	-5.1	-0	-1	-1513.4	-131.5	12.1	-147.2	7.2
11TH	137.50	-89.7	-8.0	3270	1485	-27.4	-5.4	-0	-1	-1423.7	-123.5	10.5	-128.8	7.0
12TH	150.00	-91.6	-8.3	3270	1485	-28.0	-5.6	-0	-2	-1332.1	-115.2	9.0	-111.6	6.8
13TH	162.50	-93.5	-8.7	3270	1485	-28.6	-5.8	-1	-3	-1238.7	-106.5	7.6	-95.5	6.4
14TH	175.00	-95.3	-8.7	3270	1485	-29.1	-5.9	-1	-3	-1143.4	-97.8	6.3	-80.6	6.1
15TH	187.50	-97.2	-8.9	3270	1485	-29.7	-6.0	-1	-3	-1046.1	-88.8	5.2	-67.0	5.7
16TH	200.00	-99.4	-9.3	3270	1485	-30.4	-6.3	-1	-3	-946.7	-79.5	4.1	-54.5	5.2
17TH	212.50	-101.8	-9.8	3270	1485	-31.1	-6.6	-1	-4	-845.0	-69.7	3.2	-43.3	4.7
18TH	225.00	-104.1	-10.4	3270	1485	-31.8	-7.0	-1	-4	-740.9	-59.3	2.4	-33.4	4.1
19TH	237.50	-104.1	-10.3	3270	1485	-31.8	-6.9	-1	-4	-636.8	-49.1	1.7	-24.8	3.6
20TH	250.00	-103.6	-9.9	3270	1485	-31.7	-6.6	-1	-4	-533.2	-39.2	1.2	-17.5	3.0
21ST	262.50	-103.3	-9.5	3270	1485	-31.6	-6.4	-1	-4	-429.9	-29.7	.7	-11.4	2.4
22ND	275.00	-103.4	-9.2	3270	1485	-31.6	-6.2	-1	-4	-326.5	-20.5	.4	-6.7	1.8
23RD	287.50	-103.7	-9.1	3270	1485	-31.7	-6.1	-1	-4	-222.8	-11.5	.2	-3.3	1.2
24TH	295.50	-71.0	-1.2	2093	798	-33.9	-1.5	-0	-4	-151.8	-10.3	.1	-1.8	.8
TOP	319.00	-151.8	-10.3	6148	2792	-24.7	-3.7	-1	-4	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 0 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (X)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00													
		-2.9	3.0	112	158	-26.3	19.1	-3	1	-1896.1	-101.6	16.8	-334.1	8.2
LBBY	12.50													
		-45.9	2.7	1911	1298	-24.0	2.1	0	-2	-1893.2	-104.7	15.5	-310.4	8.2
2ND	25.00													
		-66.1	-3.7	3063	1485	-21.6	-2.5	-0	-1	-1847.3	-107.4	14.2	-287.0	8.1
3RD	37.50													
		-67.7	-3.3	3270	1485	-20.7	-3.6	-1	-3	-1781.1	-103.7	12.9	-264.4	8.0
4TH	50.00													
		-66.7	-5.3	3270	1485	-20.4	-3.6	-1	-3	-1713.5	-98.3	11.6	-242.5	7.8
5TH	62.50													
		-66.3	-5.2	3270	1485	-20.3	-3.5	-1	-3	-1646.8	-93.0	10.4	-221.5	7.5
6TH	75.00													
		-66.2	-5.1	3270	1485	-20.2	-3.4	-1	-3	-1580.5	-87.8	9.3	-201.3	7.3
7TH	87.50													
		-66.6	-5.1	3270	1485	-20.4	-3.4	-1	-3	-1514.3	-82.7	8.2	-182.0	7.0
8TH	100.00													
		-68.9	-5.1	3270	1485	-21.1	-3.4	-1	-3	-1447.7	-77.7	7.2	-163.5	6.7
9TH	112.50													
		-71.2	-5.1	3270	1485	-21.8	-3.4	-1	-4	-1378.9	-72.6	6.3	-145.8	6.4
10TH	125.00													
		-73.6	-5.1	3270	1485	-22.5	-3.4	-1	-4	-1307.7	-67.5	5.4	-129.0	6.0
11TH	137.50													
		-76.1	-5.1	3270	1485	-23.3	-3.4	-1	-4	-1234.1	-62.4	4.6	-113.1	5.7
12TH	150.00													
		-78.6	-5.1	3270	1485	-24.0	-3.4	-1	-3	-1158.0	-57.3	3.9	-98.2	5.3
13TH	162.50													
		-80.7	-5.1	3270	1485	-24.7	-3.4	-1	-3	-1079.5	-52.2	3.2	-84.2	4.9
14TH	175.00													
		-82.7	-5.2	3270	1485	-25.3	-3.5	-1	-3	-998.8	-47.1	2.6	-71.2	4.6
15TH	187.50													
		-84.8	-5.4	3270	1485	-25.9	-3.6	-1	-3	-916.1	-41.9	2.0	-59.3	4.2
16TH	200.00													
		-87.2	-5.7	3270	1485	-26.7	-3.9	-1	-4	-831.3	-36.5	1.5	-48.3	3.8
17TH	212.50													
		-89.6	-6.1	3270	1485	-27.4	-4.1	-1	-4	-744.1	-30.8	1.1	-38.5	3.4
18TH	225.00													
		-89.6	-6.1	3270	1485	-27.4	-4.1	-1	-4	-654.4	-24.8	.7	-29.7	2.9
19TH	237.50													
		-90.1	-5.9	3270	1485	-27.6	-4.0	-1	-4	-564.3	-18.8	.5	-22.1	2.5
20TH	250.00													
		-90.3	-5.4	3270	1485	-27.6	-3.7	-1	-3	-474.0	-13.4	.3	-15.6	2.1
21ST	262.50													
		-91.2	-4.5	3270	1485	-27.9	-3.0	-0	-3	-383.5	-8.4	.1	-10.3	1.7
22ND	275.00													
		-91.9	-4.0	3270	1485	-28.1	-2.7	-0	-3	-292.2	-3.9	.1	-6.1	1.3
23RD	287.50													
		-91.9	-4.0	3270	1485	-28.1	-2.7	-0	-3	-200.4	.0	.0	-3.0	.9
24TH	295.50													
		-62.5	1.8	2093	798	-29.9	2.3	0	-4	-137.9	-1.8	.0	-1.6	.6
TOP	319.00													
		-137.9	-1.8	6148	2792	-22.4	-.6	-0	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 10 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-2.8	3.2	112	158	-25.3	20.2	-12	4	-1884.7	-14.3	2.3	-330.1	-13.5
LBBY	12.50	-44.7	6.5	1911	1298	-23.4	5.0	-3	8	-1881.9	-17.5	2.1	-306.5	-13.4
2ND	25.00	-67.4	-1.0	3063	1485	-22.0	-.7	0	5	-1837.2	-24.0	1.9	-283.3	-12.9
3RD	37.50	-69.9	-2.5	3270	1485	-21.4	-1.7	0	4	-1769.8	-23.0	1.6	-260.8	-12.5
4TH	50.00	-68.8	-2.4	3270	1485	-21.0	-1.6	0	5	-1699.9	-20.5	1.3	-239.1	-12.1
5TH	62.50	-68.3	-2.1	3270	1485	-20.9	-1.4	0	5	-1631.0	-18.1	1.1	-218.3	-11.6
6TH	75.00	-68.0	-1.8	3270	1485	-20.8	-1.2	0	6	-1562.8	-15.9	.9	-198.3	-11.1
7TH	87.50	-68.4	-1.4	3270	1485	-20.9	-1.0	0	6	-1494.7	-14.2	.7	-179.2	-10.6
8TH	100.00	-70.1	-1.5	3270	1485	-21.4	-1.0	0	6	-1426.4	-12.7	.5	-160.9	-10.0
9TH	112.50	-71.8	-1.5	3270	1485	-21.9	-1.0	0	6	-1356.3	-11.3	.4	-143.5	-9.4
10TH	125.00	-73.6	-1.4	3270	1485	-22.5	-.9	0	6	-1284.5	-9.8	.2	-127.0	-8.9
11TH	137.50	-75.4	-1.3	3270	1485	-23.1	-.9	0	5	-1210.9	-8.4	.1	-111.4	-8.3
12TH	150.00	-77.3	-1.3	3270	1485	-23.6	-.9	0	5	-1135.5	-7.1	.0	-96.8	-7.8
13TH	162.50	-78.8	-1.2	3270	1485	-24.1	-.8	0	5	-1058.2	-5.8	-.1	-83.1	-7.2
14TH	175.00	-80.5	-1.2	3270	1485	-24.6	-.8	0	5	-979.5	-4.6	-.1	-70.3	-6.7
15TH	187.50	-82.2	-1.3	3270	1485	-25.1	-.9	0	5	-899.0	-3.4	-.2	-58.6	-6.1
16TH	200.00	-84.1	-1.4	3270	1485	-25.7	-.9	0	5	-816.8	-2.1	-.2	-47.9	-5.6
17TH	212.50	-85.9	-1.4	3270	1485	-26.3	-.9	0	5	-732.7	-.7	-.2	-38.2	-5.0
18TH	225.00	-87.1	-1.1	3270	1485	-26.6	-.8	0	5	-646.8	.7	-.2	-29.6	-4.4
19TH	237.50	-88.1	-1.0	3270	1485	-26.9	-.7	0	5	-559.8	1.8	-.2	-22.0	-3.9
20TH	250.00	-89.3	-.8	3270	1485	-27.3	-.5	0	5	-471.6	2.8	-.2	-15.6	-3.3
21ST	262.50	-90.8	-.6	3270	1485	-27.8	-.4	0	5	-382.3	3.6	-.2	-10.2	-2.7
22ND	275.00	-92.2	-.5	3270	1485	-28.2	-.3	0	5	-291.5	4.2	-.1	-6.0	-2.1
23RD	287.50	-62.5	2.6	2093	798	-29.8	3.3	-1	5	-199.3	4.6	-.1	-3.0	-1.4
24TH	295.50	-136.8	2.0	6148	2792	-22.3	.7	-0	6	-136.8	2.0	-.0	-1.6	-1.0
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 20 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-2.7	3.0	112	158	-23.8	19.0	-20	6	-1800.5	25.9	-7.3	-312.7	-29.9
LBBY	12.50	-42.1	7.7	1911	1298	-22.0	6.0	-8	17	-1797.8	22.9	-7.0	-290.2	-29.9
2ND	25.00	-66.9	-1.8	3063	1485	-21.8	-1.6	0	12	-1755.7	15.1	-6.8	-268.0	-28.9
3RD	37.50	-69.6	-2.8	3270	1485	-21.3	-1.9	1	10	-1688.8	16.0	-6.6	-246.4	-27.8
4TH	50.00	-68.3	-2.8	3270	1485	-20.9	-1.9	1	11	-1619.3	18.8	-6.4	-225.8	-26.8
5TH	62.50	-67.4	-2.7	3270	1485	-20.6	-1.8	1	12	-1551.0	21.6	-6.1	-206.0	-25.8
6TH	75.00	-66.8	-2.4	3270	1485	-20.4	-1.6	1	12	-1483.6	24.3	-5.8	-187.0	-24.7
7TH	87.50	-66.4	-2.2	3270	1485	-20.3	-1.5	1	13	-1416.8	26.7	-5.5	-168.9	-23.6
8TH	100.00	-66.4	-2.2	3270	1485	-20.3	-1.5	1	13	-1350.4	28.9	-5.2	-151.6	-22.4
9TH	112.50	-67.6	-1.8	3270	1485	-20.7	-1.2	1	13	-1282.8	30.6	-4.8	-135.1	-21.3
10TH	125.00	-68.8	-1.2	3270	1485	-21.0	-1.8	1	13	-1214.1	31.9	-4.4	-119.5	-20.1
11TH	137.50	-70.1	-1.7	3270	1485	-21.4	-1.5	0	13	-1144.0	32.5	-4.0	-104.8	-18.8
12TH	150.00	-71.5	-1.1	3270	1485	-21.9	-1.1	0	13	-1072.5	32.6	-3.6	-90.9	-17.6
13TH	162.50	-72.9	.5	3270	1485	-22.3	.3	-0	13	-999.7	32.2	-3.2	-78.0	-16.3
14TH	175.00	-74.7	.8	3270	1485	-22.8	.6	-0	13	-925.0	31.3	-2.8	-65.9	-15.0
15TH	187.50	-76.6	1.1	3270	1485	-23.4	.7	-0	12	-848.3	30.3	-2.4	-54.8	-13.7
16TH	200.00	-78.7	1.3	3270	1485	-24.1	.9	-1	12	-769.7	29.0	-2.0	-44.7	-12.5
17TH	212.50	-80.8	1.5	3270	1485	-24.7	1.0	-1	12	-688.9	27.5	-1.7	-35.6	-11.2
18TH	225.00	-82.9	1.7	3270	1485	-25.3	1.2	-1	12	-606.0	25.7	-1.4	-27.5	-9.9
19TH	237.50	-83.4	2.1	3270	1485	-25.5	1.4	-1	12	-522.7	23.6	-1.1	-20.5	-8.5
20TH	250.00	-83.6	2.5	3270	1485	-25.6	1.7	-1	12	-439.1	21.1	-.8	-14.5	-7.2
21ST	262.50	-83.9	2.9	3270	1485	-25.7	1.9	-1	12	-355.1	18.3	-.5	-9.5	-5.9
22ND	275.00	-84.5	3.3	3270	1485	-25.8	2.3	-1	12	-270.6	14.9	-.3	-5.6	-4.5
23RD	287.50	-85.1	3.8	3270	1485	-26.0	2.6	-1	12	-185.4	11.1	-.2	-2.7	-3.1
24TH	295.50	-58.9	4.1	2093	798	-28.1	5.1	-2	12	-126.6	7.0	-.1	-1.5	-2.2
TOP	319.00	-126.6	7.0	6148	2792	-20.6	2.5	-2	13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 30 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	-2.2	2.8	112	158	-19.9	17.6	-28	8	-1679.9	54.4	-11.6	-291.7	-44.8
LBBY	12.50	-35.1	9.3	1911	1298	-18.4	7.2	-19	26	-1677.7	51.6	-10.9	-270.7	-44.7
2ND	25.00	-60.5	1.1	3063	1485	-19.8	.7	-1	18	-1642.6	42.3	-10.3	-250.0	-43.4
3RD	37.50	-64.1	-.9	3270	1485	-19.6	-.6	1	17	-1582.0	41.2	-9.8	-229.8	-41.9
4TH	50.00	-63.4	-1.4	3270	1485	-19.4	-.9	1	18	-1517.9	42.1	-9.3	-210.4	-40.4
5TH	62.50	-63.1	-1.5	3270	1485	-19.3	-1.0	1	19	-1454.5	43.5	-8.8	-191.8	-38.9
6TH	75.00	-62.8	-1.4	3270	1485	-19.2	-1.0	1	20	-1391.4	45.1	-8.2	-174.1	-37.3
7TH	87.50	-62.9	-1.4	3270	1485	-19.2	-.9	1	21	-1328.6	46.5	-7.6	-157.1	-35.6
8TH	100.00	-64.1	-1.2	3270	1485	-19.6	-.8	1	20	-1265.7	47.9	-7.0	-140.8	-33.8
9TH	112.50	-65.2	-.7	3270	1485	-19.9	-.5	1	20	-1201.6	49.1	-6.4	-125.4	-32.0
10TH	125.00	-66.5	-.1	3270	1485	-20.3	-.0	0	20	-1136.5	49.8	-5.8	-110.8	-30.3
11TH	137.50	-68.0	.7	3270	1485	-20.8	.5	-1	20	-1070.0	49.9	-5.2	-97.0	-28.5
12TH	150.00	-69.5	1.4	3270	1485	-21.2	1.0	-1	20	-1002.0	49.2	-4.6	-84.1	-26.7
13TH	162.50	-71.1	2.1	3270	1485	-21.7	1.4	-2	20	-932.6	47.8	-4.0	-72.0	-24.8
14TH	175.00	-72.8	2.6	3270	1485	-22.2	1.7	-2	19	-861.5	45.6	-3.4	-60.8	-23.0
15TH	187.50	-74.5	3.1	3270	1485	-22.8	2.1	-2	20	-788.7	43.1	-2.8	-50.5	-21.0
16TH	200.00	-76.4	3.8	3270	1485	-23.4	2.6	-3	20	-714.2	39.9	-2.3	-41.1	-19.1
17TH	212.50	-78.3	4.4	3270	1485	-23.9	3.0	-3	20	-637.8	36.1	-1.8	-32.6	-17.0
18TH	225.00	-78.5	4.4	3270	1485	-24.0	3.0	-3	20	-559.5	31.7	-1.4	-25.1	-14.9
19TH	237.50	-78.4	4.4	3270	1485	-24.0	2.9	-3	19	-481.0	27.3	-1.0	-18.6	-12.8
20TH	250.00	-78.5	4.4	3270	1485	-24.0	3.0	-3	19	-402.5	22.9	-.7	-13.1	-10.8
21ST	262.50	-78.8	4.7	3270	1485	-24.1	3.1	-3	19	-324.1	18.5	-.5	-8.6	-8.8
22ND	275.00	-79.2	4.8	3270	1485	-24.2	3.3	-3	19	-245.2	13.8	-.3	-5.0	-6.7
23RD	287.50	-53.9	3.3	2093	798	-25.8	4.2	-3	20	-166.1	9.0	-.1	-2.4	-4.7
24TH	295.50	-112.2	5.7	6148	2792	-18.2	2.0	-3	21	-112.2	5.7	-.1	-1.3	-3.2
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 40° CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-1375.8	54.4	-8.8	-231.2	-53.2
LBBY	12.50	-1.8	2.5	112	158	-16.2	15.6	-39	11	-1373.9	51.9	-8.2	-214.0	-53.1
2ND	25.00	-27.4	10.7	1911	1298	-14.3	8.2	-39	37	-1346.6	41.2	-7.6	-197.0	-51.6
3RD	37.50	-53.7	3.2	3063	1485	-17.5	2.2	-4	25	-1292.8	38.0	-7.1	-180.5	-49.8
4TH	50.00	-58.0	1.1	3270	1485	-17.7	.8	-1	23	-1234.9	36.8	-6.6	-164.7	-48.0
5TH	62.50	-57.8	.5	3270	1485	-17.7	.4	-1	23	-1177.1	36.3	-6.2	-149.6	-46.2
6TH	75.00	-57.9	.2	3270	1485	-17.7	.1	-0	24	-1119.2	36.1	-5.7	-135.3	-44.3
7TH	87.50	-58.3	.1	3270	1485	-17.8	.1	-0	25	-1060.8	36.0	-5.3	-121.6	-42.3
8TH	100.00	-58.6	-.1	3270	1485	-17.9	-.1	0	26	-1002.2	36.0	-4.8	-108.7	-40.2
9TH	112.50	-58.1	-.2	3270	1485	-17.8	-.1	0	27	-944.1	36.2	-4.4	-96.6	-38.1
10TH	125.00	-57.4	.2	3270	1485	-17.5	.1	-0	27	-886.7	36.0	-3.9	-85.1	-36.0
11TH	137.50	-56.8	.7	3270	1485	-17.4	.5	-1	28	-829.9	35.3	-3.5	-74.4	-33.9
12TH	150.00	-56.5	1.2	3270	1485	-17.3	.8	-2	28	-773.4	34.1	-3.0	-64.4	-31.7
13TH	162.50	-56.1	1.7	3270	1485	-17.2	1.2	-2	29	-717.3	32.4	-2.6	-55.1	-29.5
14TH	175.00	-56.8	1.9	3270	1485	-17.4	1.3	-3	29	-660.6	30.5	-2.2	-46.5	-27.3
15TH	187.50	-57.4	2.1	3270	1485	-17.6	1.4	-3	29	-603.1	28.4	-1.8	-38.6	-25.0
16TH	200.00	-58.2	2.3	3270	1485	-17.8	1.5	-3	29	-545.0	26.1	-1.5	-31.4	-22.7
17TH	212.50	-59.1	2.6	3270	1485	-18.1	1.7	-3	30	-485.9	23.5	-1.2	-24.9	-20.3
18TH	225.00	-60.0	2.8	3270	1485	-18.3	1.9	-4	30	-425.9	20.7	-.9	-19.2	-17.9
19TH	237.50	-59.7	2.6	3270	1485	-18.3	1.8	-4	30	-366.2	18.1	-.7	-14.3	-15.5
20TH	250.00	-59.3	2.7	3270	1485	-18.1	1.8	-4	30	-306.9	15.4	-.5	-10.1	-13.1
21ST	262.50	-59.0	3.0	3270	1485	-18.0	2.0	-4	30	-247.9	12.4	-.3	-6.6	-10.7
22ND	275.00	-59.0	3.5	3270	1485	-18.0	2.4	-5	30	-188.9	8.9	-.2	-3.9	-8.3
23RD	287.50	-58.9	4.1	3270	1485	-18.0	2.8	-6	31	-130.0	4.7	-.1	-1.9	-5.8
24TH	295.50	-42.4	1.4	2093	798	-20.3	1.8	-3	33	-87.6	3.3	-.0	-1.0	-3.9
TOP	319.00	-87.6	3.3	6148	2792	-14.2	1.2	-3	33	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 50 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-1044.2	254.7	-42.7	-176.4	-50.8
LBBY	12.50	-1.3	2.1	112	158	-11.4	13.4	-52	12	-1043.0	252.6	-39.6	-163.3	-50.7
2ND	25.00	-16.7	15.3	1911	1298	-8.8	11.8	-102	41	-1026.2	237.3	-36.5	-150.4	-49.0
3RD	37.50	-35.6	12.1	3063	1485	-11.6	8.1	-31	34	-990.6	225.2	-33.6	-137.8	-47.1
4TH	50.00	-40.1	10.2	3270	1485	-12.3	6.8	-21	31	-950.6	215.0	-30.9	-125.6	-45.3
5TH	62.50	-41.3	9.3	3270	1485	-12.6	6.2	-18	30	-909.3	205.8	-28.2	-114.0	-43.6
6TH	75.00	-42.9	8.6	3270	1485	-13.1	5.8	-16	30	-866.3	197.2	-25.7	-102.9	-41.7
7TH	87.50	-44.7	8.3	3270	1485	-13.7	5.6	-15	30	-821.6	188.9	-23.3	-92.4	-39.9
8TH	100.00	-46.5	8.0	3270	1485	-14.2	5.4	-14	30	-775.1	180.9	-21.0	-82.4	-38.0
9TH	112.50	-46.6	7.9	3270	1485	-14.2	5.3	-14	30	-728.6	173.1	-18.8	-73.0	-36.0
10TH	125.00	-46.2	8.1	3270	1485	-14.1	5.5	-14	31	-682.3	165.0	-16.7	-64.2	-34.1
11TH	137.50	-46.0	8.5	3270	1485	-14.1	5.7	-15	31	-636.3	156.5	-14.7	-55.9	-32.0
12TH	150.00	-45.9	8.9	3270	1485	-14.0	6.0	-17	32	-590.4	147.6	-12.8	-48.3	-30.0
13TH	162.50	-45.7	9.4	3270	1485	-14.0	6.4	-18	33	-544.7	138.1	-11.0	-41.2	-27.9
14TH	175.00	-45.5	9.7	3270	1485	-13.9	6.5	-19	33	-499.2	128.5	-9.3	-34.6	-25.8
15TH	187.50	-45.3	9.9	3270	1485	-13.8	6.7	-20	34	-453.9	118.5	-7.8	-28.7	-23.6
16TH	200.00	-45.2	10.3	3270	1485	-13.8	6.9	-21	34	-408.7	108.3	-6.3	-23.3	-21.4
17TH	200.00	-45.3	10.7	3270	1485	-13.8	7.2	-22	35	-363.4	97.5	-5.1	-18.5	-19.2
17TH	212.50	-45.3	11.3	3270	1485	-13.9	7.6	-24	35	-318.1	86.3	-3.9	-14.2	-16.9
18TH	225.00	-45.2	11.3	3270	1485	-13.8	7.6	-24	35	-272.9	75.0	-2.9	-10.5	-14.6
19TH	237.50	-44.9	11.6	3270	1485	-13.7	7.8	-25	35	-228.0	63.3	-2.0	-7.4	-12.3
20TH	250.00	-44.7	12.1	3270	1485	-13.7	8.2	-26	35	-183.3	51.2	-1.3	-4.8	-10.0
21ST	262.50	-44.8	13.0	3270	1485	-13.7	8.7	-28	35	-138.5	38.2	-.8	-2.8	-7.7
22ND	275.00	-44.8	14.1	3270	1485	-13.7	9.5	-30	35	-93.7	24.2	-.4	-1.4	-5.4
23RD	287.50	-31.5	6.9	2093	798	-15.1	8.6	-23	40	-62.1	17.3	-.2	-.7	-3.6
24TH	295.50	-62.1	17.3	6148	2792	-10.1	6.2	-30	40	0.0	0.0	0.0	0.0	0.0
TOP	319.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 80 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-584.1	493.0	-85.0	-98.4	-43.8
LBBY	12.50	-1.6	1.9	112	158	-5.2	12.0	-62	7	-583.6	491.1	-78.8	-91.1	-43.7
2ND	25.00	-3.1	17.0	1911	1298	-1.6	13.1	-162	11	-580.5	474.1	-72.8	-83.8	-42.3
3RD	37.50	-23.4	17.8	3063	1485	-7.6	12.0	-59	29	-557.1	456.3	-67.0	-76.7	-40.9
4TH	50.00	-27.0	17.7	3270	1485	-8.3	11.9	-48	27	-530.0	438.6	-61.4	-69.9	-39.4
5TH	62.50	-27.0	17.4	3270	1485	-8.3	11.7	-50	29	-503.0	421.2	-56.0	-63.4	-38.0
6TH	75.00	-27.1	17.1	3270	1485	-8.3	11.5	-51	30	-475.9	404.1	-50.9	-57.3	-36.4
7TH	87.50	-27.3	17.2	3270	1485	-8.4	11.6	-53	31	-448.5	386.9	-45.9	-51.5	-34.8
8TH	100.00	-27.6	17.3	3270	1485	-8.4	11.7	-55	32	-421.0	369.6	-41.2	-46.1	-33.1
9TH	112.50	-26.8	17.6	3270	1485	-8.2	11.9	-59	33	-394.2	351.9	-36.7	-41.0	-31.4
10TH	125.00	-25.6	18.3	3270	1485	-7.8	12.4	-64	33	-368.6	333.6	-32.4	-36.2	-29.7
11TH	137.50	-24.4	19.1	3270	1485	-7.5	12.9	-70	33	-344.2	314.4	-28.3	-31.8	-27.9
12TH	150.00	-23.2	19.9	3270	1485	-7.1	13.4	-77	33	-321.0	294.6	-24.5	-27.6	-26.1
13TH	162.50	-22.1	20.6	3270	1485	-6.7	13.9	-83	33	-299.0	274.0	-21.0	-23.7	-24.3
14TH	175.00	-22.4	20.9	3270	1485	-6.8	14.1	-83	33	-276.6	253.1	-17.7	-20.2	-22.4
15TH	187.50	-22.7	21.3	3270	1485	-6.9	14.3	-83	33	-253.9	231.8	-14.7	-16.8	-20.5
16TH	200.00	-23.0	21.7	3270	1485	-7.0	14.6	-83	33	-230.9	210.1	-11.9	-13.8	-18.6
17TH	212.50	-23.3	22.4	3270	1485	-7.1	15.1	-84	32	-207.6	187.7	-9.4	-11.1	-16.7
18TH	225.00	-23.6	23.1	3270	1485	-7.2	15.5	-85	32	-184.0	164.6	-7.2	-8.6	-14.6
19TH	237.50	-23.8	23.5	3270	1485	-7.3	15.8	-85	32	-160.2	141.1	-5.3	-6.5	-12.6
20TH	250.00	-24.1	23.9	3270	1485	-7.4	16.1	-83	31	-136.1	117.2	-3.7	-4.6	-10.6
21ST	262.50	-24.5	24.3	3270	1485	-7.5	16.3	-82	31	-111.6	92.9	-2.4	-3.1	-8.6
22ND	275.00	-24.8	24.7	3270	1485	-7.6	16.7	-82	30	-86.8	68.2	-1.4	-1.8	-6.6
23RD	287.50	-25.2	25.1	3270	1485	-7.7	16.9	-81	30	-61.6	43.1	-.7	-.9	-4.5
24TH	295.50	-26.2	11.9	2093	798	-9.6	14.9	-68	43	-41.4	31.2	-.4	-.5	-3.0
TGP	319.00	-41.4	31.2	6148	2792	-6.7	11.2	-69	34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 70° CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	1	2	3
GRND	0.00	.1	1.4	112	158	1.0	8.9	-53	-2	-187.6	607.9	-106.3	-31.8	-29.0
LBBY	12.50	11.2	15.6	1911	1298	5.9	12.1	-71	-19	-187.7	606.5	-98.7	-29.4	-29.0
2ND	25.00	-8.4	18.9	3063	1485	-2.8	12.8	-84	14	-198.9	590.9	-91.2	-27.0	-28.2
3RD	37.50	-11.6	19.5	3270	1485	-3.5	13.2	-71	16	-190.5	572.0	-83.9	-24.6	-27.2
4TH	50.00	-11.7	20.2	3270	1485	-3.6	13.6	-75	16	-178.9	552.4	-76.9	-22.2	-26.3
5TH	62.50	-11.8	20.8	3270	1485	-3.6	14.0	-79	17	-167.2	532.2	-70.1	-20.1	-25.2
6TH	75.00	-11.9	21.7	3270	1485	-3.6	14.6	-83	17	-155.4	511.4	-63.6	-18.1	-24.1
7TH	87.50	-12.0	22.6	3270	1485	-3.7	15.2	-85	17	-143.5	489.6	-57.4	-16.2	-23.0
8TH	100.00	-11.5	23.2	3270	1485	-3.5	15.6	-86	16	-131.5	467.0	-51.4	-14.5	-21.7
9TH	112.50	-10.7	24.0	3270	1485	-3.3	16.2	-86	14	-120.0	443.8	-45.7	-12.9	-20.5
10TH	125.00	-9.7	24.9	3270	1485	-3.0	16.7	-87	13	-109.3	419.8	-40.3	-11.5	-19.3
11TH	137.50	-8.6	25.6	3270	1485	-2.6	17.2	-88	11	-99.6	394.9	-35.2	-10.2	-18.0
12TH	150.00	-7.4	26.4	3270	1485	-2.3	17.8	-88	9	-91.1	369.3	-30.4	-9.0	-16.8
13TH	162.50	-6.5	27.1	3270	1485	-2.0	18.2	-86	8	-83.7	342.9	-26.0	-7.9	-15.5
14TH	175.00	-5.7	27.5	3270	1485	-1.7	18.5	-86	7	-77.1	315.8	-21.9	-6.9	-14.3
15TH	187.50	-4.8	27.9	3270	1485	-1.5	18.8	-85	5	-71.4	288.3	-18.1	-6.0	-13.1
16TH	200.00	-3.7	28.4	3270	1485	-1.1	19.2	-84	4	-66.7	260.4	-14.7	-5.1	-11.8
17TH	212.50	-2.6	29.0	3270	1485	-.8	19.6	-82	3	-63.0	231.9	-11.6	-4.3	-10.6
18TH	225.00	-3.4	29.5	3270	1485	-1.0	19.9	-81	3	-60.4	202.9	-8.9	-3.5	-9.4
19TH	237.50	-4.7	29.8	3270	1485	-1.4	20.1	-81	5	-57.0	173.3	-6.5	-2.8	-8.2
20TH	250.00	-5.9	30.0	3270	1485	-1.8	20.2	-80	6	-52.3	143.5	-4.5	-2.1	-7.0
21ST	262.50	-6.9	30.0	3270	1485	-2.1	20.2	-79	7	-46.4	113.5	-2.9	-1.5	-5.7
22ND	275.00	-7.9	29.8	3270	1485	-2.4	20.1	-79	8	-39.6	83.5	-1.7	-.9	-4.5
23RD	287.50	-8.8	14.5	2093	798	-4.2	18.1	-109	25	-31.7	53.7	-.8	-.5	-3.2
24TH	295.50	-22.9	39.3	6148	2792	-3.7	14.1	-81	18	-22.9	39.3	-.5	-.3	-2.1
TOP	319.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 80 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	.6	.7	112	158	5.4	4.6	-25	-8	69.1	577.0	-104.3	10.6	-17.3
LBBY	12.50	19.3	11.6	1911	1298	10.1	8.9	-10	-6	68.5	576.3	-97.1	9.7	-17.3
2ND	25.00	.9	15.5	3063	1485	.3	10.4	-78	-2	49.2	564.7	-90.0	9.0	-17.0
3RD	37.50	-2.3	16.0	3270	1485	-.7	10.8	-84	4	48.3	549.2	-83.0	8.4	-16.4
4TH	50.00	-2.2	16.8	3270	1485	-.7	11.3	-84	4	50.6	533.2	-76.2	7.7	-15.7
5TH	62.50	-1.9	17.6	3270	1485	-.6	11.9	-84	3	52.7	516.4	-69.7	7.1	-15.0
6TH	75.00	-1.4	18.7	3270	1485	-.4	12.6	-81	2	54.6	498.8	-63.3	6.4	-14.3
7TH	87.50	-1.1	19.8	3270	1485	-.3	13.3	-79	2	56.0	480.1	-57.2	5.7	-13.5
8TH	100.00	-.1	20.8	3270	1485	-.0	14.0	-76	0	57.0	460.3	-51.3	5.0	-12.7
9TH	112.50	1.1	22.0	3270	1485	.3	14.8	-71	-1	57.2	439.5	-45.7	4.3	-11.9
10TH	125.00	2.4	23.2	3270	1485	.7	15.6	-66	-3	56.1	417.5	-40.4	3.6	-11.1
11TH	137.50	3.8	24.4	3270	1485	1.2	16.4	-61	-4	53.7	394.3	-35.3	2.9	-10.4
12TH	150.00	5.3	25.5	3270	1485	1.6	17.2	-57	-4	49.9	369.9	-30.5	2.3	-9.6
13TH	162.50	5.5	26.5	3270	1485	1.7	17.9	-53	-4	44.6	344.4	-26.0	1.7	-8.8
14TH	175.00	5.7	27.2	3270	1485	1.7	18.4	-50	-4	39.1	317.9	-21.9	1.2	-8.1
15TH	187.50	6.0	28.0	3270	1485	1.8	18.9	-47	-4	33.5	290.6	-18.1	.7	-7.4
16TH	200.00	6.4	28.9	3270	1485	2.0	19.5	-45	-4	27.5	262.6	-14.6	.3	-6.7
17TH	212.50	6.9	30.0	3270	1485	2.1	20.2	-43	-4	21.1	233.7	-11.5	.0	-6.0
18TH	225.00	6.5	30.7	3270	1485	2.0	20.7	-41	-3	14.2	203.7	-8.8	-.2	-5.3
19TH	237.50	5.8	30.5	3270	1485	1.8	20.6	-42	-3	7.7	173.0	-6.4	-.3	-4.7
20TH	250.00	5.2	30.2	3270	1485	1.6	20.4	-42	-3	1.9	142.5	-4.5	-.4	-4.0
21ST	262.50	4.7	29.8	3270	1485	1.4	20.1	-42	-2	-3.3	112.3	-2.9	-.4	-3.4
22ND	275.00	4.2	29.3	3270	1485	1.3	19.8	-43	-2	-8.0	82.4	-1.7	-.3	-2.7
23RD	287.50	-3.5	14.5	2093	798	-1.7	18.1	-83	7	-12.2	53.1	-.8	-.2	-2.1
24TH	295.50	-8.8	38.6	6148	2792	-1.4	13.8	-71	6	-8.8	38.6	-.5	-.1	-1.4
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 90° CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									400.3	427.8	-79.7	66.5	-5.6
LBBY	12.50	.9	.3	112	158	7.9	1.9	1	1	399.4	427.5	-74.3	61.5	-5.6
2ND	25.00	24.2	7.3	1911	1298	12.7	5.6	6	8	375.2	420.2	-69.0	56.7	-5.9
3RD	37.50	13.2	10.2	3063	1485	4.3	6.9	-12	-6	362.0	410.0	-63.8	52.0	-5.7
4TH	50.00	11.1	11.1	3270	1485	3.4	7.5	-23	-9	350.8	398.9	-58.8	47.6	-5.5
5TH	62.50	11.6	11.5	3270	1485	3.5	7.8	-21	-8	339.3	387.4	-53.9	43.3	-5.2
6TH	75.00	12.0	12.2	3270	1485	3.7	8.2	-19	-7	327.2	375.2	-49.1	39.1	-5.0
7TH	87.50	12.7	13.1	3270	1485	3.9	8.8	-17	-6	314.5	362.1	-44.5	35.1	-4.8
8TH	100.00	13.4	14.2	3270	1485	4.1	9.6	-16	-6	301.1	347.8	-40.1	31.3	-4.6
9TH	112.50	14.5	15.2	3270	1485	4.4	10.2	-14	-5	286.6	332.6	-35.8	27.6	-4.3
10TH	125.00	15.7	15.9	3270	1485	4.8	10.7	-13	-5	270.9	316.7	-31.7	24.1	-4.1
11TH	137.50	16.9	16.6	3270	1485	5.2	11.2	-12	-4	254.1	300.2	-27.9	20.8	-3.9
12TH	150.00	18.2	17.4	3270	1485	5.6	11.7	-10	-4	235.8	282.7	-24.3	17.8	-3.8
13TH	162.50	19.5	18.4	3270	1485	6.0	12.4	-9	-3	216.3	264.4	-20.8	14.9	-3.6
14TH	175.00	19.9	19.0	3270	1485	6.1	12.8	-8	-3	196.4	245.4	-17.6	12.3	-3.4
15TH	187.50	20.3	19.5	3270	1485	6.2	13.1	-7	-3	176.1	225.9	-14.7	10.0	-3.3
16TH	200.00	20.7	20.0	3270	1485	6.3	13.4	-6	-2	155.4	205.9	-12.0	7.9	-3.2
17TH	212.50	21.3	20.6	3270	1485	6.5	13.9	-5	-2	134.0	185.3	-9.6	6.1	-3.1
18TH	225.00	22.0	21.5	3270	1485	6.7	14.5	-4	-1	112.0	163.8	-7.4	4.6	-3.0
19TH	237.50	20.7	22.5	3270	1485	6.3	15.1	-6	-2	91.4	141.4	-5.5	3.3	-2.9
20TH	250.00	18.6	23.0	3270	1485	5.7	15.5	-11	-3	72.8	118.4	-3.8	2.3	-2.7
21ST	262.50	16.5	23.3	3270	1485	5.1	15.7	-15	-4	56.3	95.0	-2.5	1.5	-2.4
22ND	275.00	14.7	23.7	3270	1485	4.5	16.0	-19	-4	41.5	71.4	-1.5	.9	-2.1
23RD	287.50	12.9	24.2	3270	1485	4.0	16.3	-22	-4	28.6	47.2	-.7	.4	-1.7
24TH	295.50	7.6	12.9	2093	798	3.6	16.2	-39	-8	21.0	34.2	-.4	.2	-1.4
TOP	319.00	21.0	34.2	6148	2792	3.4	12.3	-60	-14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 100 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	.9	.6	112	158	8.5	3.8	21	13	851.2	307.7	-60.2	151.5	15.8
LBBY	12.50	28.0	5.1	1911	1298	14.7	4.0	8	17	850.2	307.1	-56.4	140.8	15.8
2ND	25.00	25.6	8.1	3063	1485	8.4	5.5	11	13	822.2	301.9	-52.6	130.4	15.1
3RD	37.50	25.7	7.9	3270	1485	7.9	5.3	12	14	796.6	293.8	-48.8	120.3	14.6
4TH	50.00	26.4	8.0	3270	1485	8.1	5.4	12	14	770.8	285.9	-45.2	110.5	14.1
5TH	62.50	27.2	8.1	3270	1485	8.3	5.5	12	15	744.4	278.0	-41.7	101.0	13.5
6TH	75.00	29.3	8.6	3270	1485	8.6	5.8	12	15	717.2	269.9	-38.3	91.9	13.0
7TH	87.50	29.5	9.1	3270	1485	9.0	6.2	13	15	689.0	261.3	-34.9	83.1	12.3
8TH	100.00	30.9	9.4	3270	1485	9.4	6.4	13	16	659.5	252.2	-31.7	74.7	11.7
9TH	112.50	32.2	9.5	3270	1485	9.9	6.4	13	16	628.6	242.7	-28.6	66.6	10.9
10TH	125.00	33.4	9.6	3270	1485	10.2	6.5	13	16	596.4	233.3	-25.7	59.0	10.2
11TH	137.50	34.5	9.9	3270	1485	10.5	6.6	12	16	563.0	223.7	-22.8	51.7	9.4
12TH	150.00	35.6	10.3	3270	1485	10.9	6.9	12	16	528.5	213.8	-20.1	44.9	8.6
13TH	162.50	36.9	11.2	3270	1485	11.3	7.6	13	15	492.9	203.5	-17.5	38.5	7.7
14TH	175.00	38.1	12.0	3270	1485	11.6	8.1	13	15	456.0	192.3	-15.0	32.6	6.9
15TH	187.50	39.2	12.8	3270	1485	12.0	8.6	13	15	417.9	180.3	-12.7	27.1	6.0
16TH	200.00	40.2	14.0	3270	1485	12.3	9.4	13	14	378.7	167.5	-10.5	22.1	5.2
17TH	212.50	41.4	15.4	3270	1485	12.7	10.4	14	14	338.5	153.6	-8.5	17.6	4.3
18TH	225.00	41.3	17.0	3270	1485	12.6	11.4	14	12	297.1	138.1	-6.7	13.7	3.4
19TH	237.50	41.0	17.4	3270	1485	12.5	11.7	13	11	255.7	121.2	-5.0	10.2	2.6
20TH	250.00	40.6	17.8	3270	1485	12.4	12.0	12	10	214.7	103.8	-3.6	7.3	1.9
21ST	262.50	40.2	18.4	3270	1485	12.3	12.4	10	8	174.2	86.0	-2.4	4.8	1.3
22ND	275.00	39.8	19.3	3270	1485	12.2	13.0	9	7	134.0	67.7	-1.5	2.9	.7
23RD	287.50	23.1	12.5	2093	798	11.1	15.7	11	8	94.2	48.4	-.8	1.5	.2
24TH	295.50	71.0	35.8	6148	2792	11.6	12.8	-1	-1	71.0	35.8	-.4	.8	-.1
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 110 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.0	1.0	112	158	8.7	6.4	43	15	1361.1	157.0	-34.5	237.7	47.7
LBBY	12.50	34.0	4.7	1911	1298	17.8	3.6	9	24	1360.1	156.0	-32.6	220.6	47.6
2ND	25.00	43.3	6.2	3063	1485	14.2	4.2	10	26	1326.1	151.3	-30.6	203.9	46.5
3RD	37.50	46.1	3.7	3270	1485	14.1	2.5	6	27	1282.8	145.1	-28.8	187.6	45.0
4TH	50.00	47.5	2.6	3270	1485	14.5	1.7	4	27	1236.7	141.3	-27.0	171.8	43.3
5TH	62.50	48.7	1.7	3270	1485	14.9	1.2	3	27	1189.1	138.7	-25.2	156.6	41.5
6TH	75.00	50.1	1.4	3270	1485	15.3	.9	2	28	1140.4	137.0	-23.5	142.1	39.7
7TH	87.50	51.6	1.3	3270	1485	15.8	.9	2	28	1090.4	135.6	-21.8	128.1	37.8
8TH	100.00	53.4	1.7	3270	1485	16.3	1.1	2	28	1038.8	134.3	-20.1	114.8	35.9
9TH	112.50	55.2	1.9	3270	1485	16.9	1.3	3	28	985.4	132.7	-18.5	102.2	33.9
10TH	125.00	56.7	2.2	3270	1485	17.3	1.5	3	28	930.2	130.7	-16.8	90.2	31.8
11TH	137.50	58.2	2.7	3270	1485	17.8	1.8	3	28	873.5	128.5	-15.2	78.9	29.6
12TH	150.00	59.7	3.3	3270	1485	18.3	2.2	4	28	815.3	125.8	-13.6	68.4	27.4
13TH	162.50	60.2	4.1	3270	1485	18.4	2.8	5	28	755.6	122.5	-12.1	58.6	25.2
14TH	175.00	60.6	4.5	3270	1485	18.5	3.0	6	27	695.4	118.4	-10.6	49.5	22.9
15TH	187.50	60.9	4.9	3270	1485	18.6	3.3	6	27	634.8	113.9	-9.1	41.2	20.7
16TH	200.00	61.1	5.6	3270	1485	18.7	3.8	7	27	573.9	109.0	-7.7	33.6	18.4
17TH	212.50	61.4	6.6	3270	1485	18.8	4.5	8	27	512.8	103.3	-6.4	26.8	16.1
18TH	225.00	61.6	8.4	3270	1485	18.8	5.7	10	26	451.4	96.7	-5.1	20.8	13.9
19TH	237.50	61.8	9.6	3270	1485	18.9	6.4	10	25	389.8	88.3	-4.0	15.6	11.7
20TH	250.00	61.8	10.7	3270	1485	18.9	7.2	11	24	328.1	78.7	-2.9	11.1	9.6
21ST	262.50	61.9	12.1	3270	1485	18.9	8.1	12	22	266.2	68.0	-2.0	7.4	7.5
22ND	275.00	62.1	14.1	3270	1485	19.0	9.5	13	21	204.4	56.0	-1.2	4.4	5.6
23RD	287.50	35.8	12.6	2093	798	17.1	15.8	22	23	142.3	41.8	-.6	2.2	3.7
24TH	295.50	106.5	29.2	6148	2792	17.3	10.5	12	16	106.5	29.2	-.3	1.3	2.5
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
 WIND DIRECTION 120  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 CONFIGURATION B  
 REFERENCE PRESSURE 26.0 PSF  
 GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.2	1.6	112	158	10.6	10.3	33	9	1522.4	152.9	-29.4	259.8	55.0
LBBY	12.50	40.4	6.1	1911	1298	21.1	4.7	8	20	1521.2	151.3	-27.5	240.8	55.0
2ND	25.00	51.4	7.5	3063	1485	16.8	5.0	10	25	1480.8	145.2	-25.7	222.0	53.9
3RD	37.50	55.6	5.4	3270	1485	17.0	3.7	7	26	1429.4	137.7	-23.9	203.8	52.1
4TH	50.00	57.6	4.4	3270	1485	17.6	3.0	5	26	1373.8	132.3	-22.2	186.3	50.1
5TH	62.50	58.9	3.8	3270	1485	18.0	2.6	4	25	1316.2	127.8	-20.6	169.5	48.1
6TH	75.00	60.2	3.8	3270	1485	18.4	2.6	4	25	1257.3	124.0	-19.0	153.4	46.1
7TH	87.50	61.4	3.9	3270	1485	18.8	2.6	4	24	1197.1	120.2	-17.5	138.1	44.1
8TH	100.00	62.0	3.8	3270	1485	19.0	2.5	4	25	1135.6	116.3	-16.0	123.5	42.1
9TH	112.50	62.5	3.5	3270	1485	19.1	2.4	4	25	1073.6	112.5	-14.6	109.7	40.0
10TH	125.00	63.0	3.3	3270	1485	19.3	2.2	4	26	1011.1	109.0	-13.2	96.7	37.8
11TH	137.50	63.5	3.3	3270	1485	19.4	2.2	4	26	948.1	105.7	-11.9	84.4	35.6
12TH	150.00	64.2	3.5	3270	1485	19.6	2.3	4	27	884.5	102.4	-10.6	73.0	33.3
13TH	162.50	65.3	4.1	3270	1485	20.0	2.7	5	27	820.4	98.9	-9.3	62.3	31.0
14TH	175.00	66.5	4.5	3270	1485	20.3	3.0	5	27	755.1	94.9	-8.1	52.5	28.6
15TH	187.50	67.6	4.8	3270	1485	20.7	3.3	5	27	688.6	90.4	-6.9	43.4	26.2
16TH	200.00	68.7	5.4	3270	1485	21.0	3.7	6	27	621.0	85.5	-5.8	35.3	23.7
17TH	212.50	69.9	6.2	3270	1485	21.4	4.2	7	27	552.3	80.1	-4.8	27.9	21.2
18TH	225.00	69.9	7.3	3270	1485	21.4	4.9	8	27	482.4	73.9	-3.8	21.5	18.5
19TH	237.50	69.4	7.6	3270	1485	21.2	5.2	8	27	412.6	66.6	-3.0	15.9	15.9
20TH	250.00	68.8	7.9	3270	1485	21.0	5.3	9	27	343.2	58.9	-2.2	11.1	13.3
21ST	262.50	68.3	8.6	3270	1485	20.9	5.8	9	27	274.4	51.0	-1.5	7.3	10.7
22ND	275.00	68.0	10.1	3270	1485	20.8	6.8	11	28	206.1	42.4	- .9	4.3	8.2
23RD	287.50	38.4	12.1	2093	798	18.3	15.2	26	31	138.0	32.3	- .4	2.1	5.6
24TH	295.50	99.7	20.2	6148	2792	16.2	7.2	15	28	99.7	20.2	- .2	1.2	3.9
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 130 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	.9	2.2	112	158	8.1	13.7	11	2	1557.2	408.6	-74.7	264.5	36.4
LBBY	12.50	39.2	9.7	1911	1298	20.5	7.5	8	12	1556.3	406.4	-69.6	245.0	36.4
2ND	25.00	55.9	12.4	3063	1485	18.3	8.3	12	20	1517.1	396.7	-64.6	225.8	35.7
3RD	37.50	59.4	11.6	3270	1485	18.2	7.8	11	21	1461.2	384.3	-59.7	207.2	34.1
4TH	50.00	59.9	11.9	3270	1485	18.3	8.0	10	19	1401.8	372.7	-55.0	189.3	32.4
5TH	62.50	60.5	12.2	3270	1485	18.5	8.2	10	19	1341.8	360.8	-50.4	172.2	30.8
6TH	75.00	61.1	12.7	3270	1485	18.7	8.6	10	18	1281.4	348.6	-46.0	155.8	29.2
7TH	87.50	62.0	13.3	3270	1485	18.9	8.9	10	17	1220.2	335.9	-41.7	140.2	27.7
8TH	100.00	62.9	13.9	3270	1485	19.2	9.4	10	17	1158.2	322.6	-37.6	125.3	26.2
9TH	112.50	63.9	14.6	3270	1485	19.5	9.9	10	17	1095.3	308.7	-33.6	111.2	24.7
10TH	125.00	64.8	15.3	3270	1485	19.8	10.3	11	17	1031.4	294.0	-29.9	97.9	23.2
11TH	137.50	65.8	16.0	3270	1485	20.1	10.7	11	16	966.6	278.8	-26.3	85.4	21.7
12TH	150.00	66.8	16.7	3270	1485	20.4	11.2	11	16	900.9	262.8	-22.9	73.8	20.2
13TH	162.50	67.7	17.5	3270	1485	20.7	11.8	11	16	834.1	246.1	-19.7	62.9	18.6
14TH	175.00	68.5	17.9	3270	1485	20.9	12.1	11	16	766.4	228.7	-16.8	52.9	17.0
15TH	187.50	69.4	18.4	3270	1485	21.2	12.4	11	15	697.9	210.7	-14.0	43.8	15.5
16TH	200.00	70.6	18.8	3270	1485	21.6	12.6	11	15	628.5	192.4	-11.5	35.5	13.9
17TH	212.50	71.7	19.3	3270	1485	21.9	13.0	11	15	557.9	173.6	-9.2	28.0	12.4
18TH	225.00	71.4	19.9	3270	1485	21.8	13.4	11	15	486.2	154.3	-7.2	21.5	10.9
19TH	237.50	70.4	20.4	3270	1485	21.5	13.8	11	15	414.9	134.4	-5.4	15.9	9.3
20TH	250.00	69.5	20.8	3270	1485	21.2	14.0	12	14	344.5	113.9	-3.8	11.1	7.8
21ST	262.50	68.7	21.4	3270	1485	21.0	14.4	12	14	275.0	93.1	-2.5	7.3	6.3
22ND	275.00	68.0	22.6	3270	1485	20.8	15.2	13	14	206.3	71.7	-1.5	4.3	4.9
23RD	287.50	39.5	15.5	2093	798	18.9	19.4	18	17	138.3	49.1	-.7	2.1	3.4
24TH	295.50	98.8	33.6	6148	2792	16.1	12.0	14	16	98.8	33.6	-.4	1.2	2.3
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 140 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	.8	2.5	112	158	7.0	16.0	4	0	1647.9	450.4	-81.5	282.1	33.3
LBBY	12.50	37.2	10.9	1911	1298	19.5	8.4	7	9	1647.2	447.8	-75.9	261.5	33.3
2ND	25.00	56.5	13.9	3063	1485	18.4	9.4	13	20	1610.0	436.9	-70.4	241.2	32.8
3RD	37.50	61.7	13.5	3270	1485	18.9	9.1	12	20	1553.5	422.9	-65.0	221.4	31.2
4TH	50.00	62.6	13.9	3270	1485	19.1	9.4	11	18	1491.7	409.5	-59.8	202.4	29.4
5TH	62.50	63.5	14.2	3270	1485	19.4	9.6	10	17	1429.1	395.6	-54.8	184.1	27.8
6TH	75.00	64.5	14.6	3270	1485	19.7	9.8	10	16	1365.6	381.4	-49.9	166.6	26.3
7TH	87.50	65.6	15.1	3270	1485	20.1	10.1	9	15	1301.1	366.8	-45.2	150.0	24.8
8TH	100.00	66.6	15.4	3270	1485	20.4	10.4	9	14	1235.5	351.7	-40.7	134.1	23.4
9TH	112.50	67.6	16.1	3270	1485	20.7	10.8	9	14	1168.8	336.3	-36.4	119.1	22.1
10TH	125.00	68.8	16.7	3270	1485	21.0	11.3	9	14	1101.2	320.2	-32.3	104.9	20.7
11TH	137.50	70.1	17.4	3270	1485	21.4	11.7	9	14	1032.5	303.5	-28.4	91.6	19.4
12TH	150.00	71.5	18.1	3270	1485	21.9	12.2	9	13	962.3	286.1	-24.8	79.1	18.0
13TH	162.50	72.3	19.0	3270	1485	22.1	12.8	9	13	890.8	268.0	-21.3	67.5	16.6
14TH	175.00	72.8	19.7	3270	1485	22.3	13.3	9	13	818.5	249.0	-18.1	56.8	15.3
15TH	187.50	73.4	20.4	3270	1485	22.5	13.7	9	13	745.7	229.3	-15.1	47.1	13.9
16TH	200.00	74.3	21.0	3270	1485	22.7	14.1	9	12	672.3	208.9	-12.3	38.2	12.6
17TH	212.50	75.1	21.6	3270	1485	23.0	14.6	9	12	598.0	187.9	-9.9	30.2	11.2
18TH	225.00	75.2	22.2	3270	1485	23.0	15.0	10	12	522.9	166.3	-7.6	23.2	9.9
19TH	237.50	74.9	22.5	3270	1485	22.9	15.1	10	12	447.7	144.1	-5.7	17.2	8.5
20TH	250.00	74.7	22.7	3270	1485	22.8	15.3	10	12	372.8	121.6	-4.0	12.0	7.2
21ST	262.50	74.4	23.1	3270	1485	22.7	15.6	10	12	298.1	98.9	-2.7	7.9	5.8
22ND	275.00	74.2	24.0	3270	1485	22.7	16.2	11	13	223.7	75.8	-1.6	4.6	4.5
23RD	287.50	43.8	15.7	2093	798	20.9	19.7	13	14	149.5	51.8	-.8	2.3	3.1
24TH	295.50	105.7	36.0	6148	2792	17.2	12.9	13	14	105.7	36.0	-.4	1.2	2.2
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 150 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	.8	2.5	112	158	6.7	16.0	-1	-0	1781.5	384.1	-69.0	312.6	29.2
LBBY	12.50	35.9	10.6	1911	1298	18.8	8.2	5	6	1780.7	381.6	-64.2	290.3	29.2
2ND	25.00	54.4	12.3	3063	1485	17.8	8.3	11	18	1744.8	370.9	-59.5	268.3	28.9
3RD	37.50	59.7	12.2	3270	1485	18.3	8.2	10	18	1690.4	358.6	-55.0	246.8	27.5
4TH	50.00	61.6	12.4	3270	1485	18.8	8.4	9	16	1630.7	346.4	-50.6	226.0	26.0
5TH	62.50	63.7	12.4	3270	1485	19.5	8.4	8	15	1569.1	334.0	-46.3	206.0	24.6
6TH	75.00	65.9	12.7	3270	1485	20.1	8.5	7	14	1505.4	321.6	-42.2	186.8	23.3
7TH	87.50	67.9	13.0	3270	1485	20.8	8.8	6	12	1439.6	308.9	-38.3	168.4	22.0
8TH	100.00	69.6	13.1	3270	1485	21.3	8.8	6	12	1371.7	295.9	-34.5	150.9	20.8
9TH	112.50	71.4	13.5	3270	1485	21.8	9.1	6	12	1302.1	282.7	-30.9	134.1	19.7
10TH	125.00	73.2	13.9	3270	1485	22.4	9.4	6	11	1230.8	269.2	-27.4	118.3	18.5
11TH	137.50	75.1	14.4	3270	1485	23.0	9.7	6	11	1157.6	255.3	-24.2	103.4	17.3
12TH	150.00	77.1	14.9	3270	1485	23.6	10.1	6	11	1082.5	240.9	-21.1	89.4	16.2
13TH	162.50	78.9	15.7	3270	1485	24.1	10.6	6	11	1005.4	225.9	-18.1	76.3	15.0
14TH	175.00	80.6	16.3	3270	1485	24.7	11.0	6	11	926.4	210.2	-15.4	64.3	13.8
15TH	187.50	82.4	17.0	3270	1485	25.2	11.4	6	11	845.8	193.9	-12.9	53.2	12.6
16TH	200.00	84.1	17.6	3270	1485	25.7	11.8	6	11	763.5	177.0	-10.6	43.1	11.3
17TH	212.50	85.9	18.1	3270	1485	26.3	12.2	6	10	679.3	159.4	-8.5	34.1	10.1
18TH	225.00	86.1	18.6	3270	1485	26.3	12.5	6	10	593.4	141.2	-6.6	26.2	8.8
19TH	237.50	85.9	18.7	3270	1485	26.3	12.6	6	10	507.3	122.7	-4.9	19.3	7.6
20TH	250.00	85.7	18.8	3270	1485	26.2	12.7	6	10	421.4	104.0	-3.5	13.5	6.3
21ST	262.50	85.6	19.2	3270	1485	26.2	12.9	6	10	335.6	85.2	-2.3	8.7	5.1
22ND	275.00	85.6	20.1	3270	1485	26.2	13.6	7	10	250.0	66.0	-1.4	5.1	3.8
23RD	287.50	48.4	13.6	2093	798	23.1	17.0	9	12	164.4	45.9	-.7	2.5	2.6
24TH	295.50	116.1	32.3	6148	2792	18.9	11.6	8	10	116.1	32.3	-.4	1.4	1.7
TOP	319.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 160 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									1751.2	270.0	-47.7	310.3	19.3
LBBY	12.50	.6	2.4	112	158	5.7	15.2	-1	-0	1750.6	267.6	-44.3	288.4	19.3
2ND	25.00	33.8	9.7	1911	1298	17.7	7.4	4	5	1716.8	257.9	-41.0	266.8	19.1
3RD	37.50	53.8	9.2	3063	1485	17.6	6.2	7	15	1663.0	248.7	-37.8	245.6	18.0
4TH	50.00	58.5	9.4	3270	1485	17.9	6.3	6	15	1604.4	239.3	-34.8	225.2	16.7
5TH	62.50	60.0	9.5	3270	1485	18.4	6.4	6	13	1544.4	229.9	-31.9	205.5	15.7
6TH	75.00	61.8	9.2	3270	1485	18.9	6.2	5	11	1482.7	220.6	-29.1	186.6	14.7
7TH	87.50	63.7	9.0	3270	1485	19.5	6.0	4	10	1418.9	211.6	-26.3	168.5	13.9
8TH	100.00	65.7	8.7	3270	1485	20.1	5.9	3	8	1353.2	202.9	-23.8	151.1	13.1
9TH	112.50	67.2	8.5	3270	1485	20.5	5.8	3	8	1286.0	194.4	-21.3	134.7	12.4
10TH	125.00	68.6	9.0	3270	1485	21.0	6.0	3	8	1217.4	185.4	-18.9	119.0	11.7
11TH	137.50	70.1	9.4	3270	1485	21.4	6.3	3	8	1147.3	176.1	-16.6	104.2	10.9
12TH	150.00	71.6	9.9	3270	1485	21.9	6.7	3	8	1075.7	166.2	-14.5	90.3	10.2
13TH	162.50	73.1	10.5	3270	1485	22.4	7.1	3	8	1002.6	155.6	-12.5	77.3	9.4
14TH	175.00	75.3	11.1	3270	1485	23.0	7.4	3	7	927.3	144.6	-10.6	65.3	8.7
15TH	187.50	77.6	11.4	3270	1485	23.7	7.7	3	7	849.7	133.2	-8.9	54.2	7.9
16TH	200.00	79.9	11.7	3270	1485	24.4	7.9	3	7	769.7	121.4	-7.3	44.1	7.1
17TH	212.50	82.4	11.9	3270	1485	25.2	8.0	3	7	687.4	109.5	-5.8	34.9	6.3
18TH	225.00	84.8	12.1	3270	1485	25.9	8.2	3	7	602.6	97.4	-4.6	26.9	5.5
19TH	237.50	85.6	12.3	3270	1485	26.2	8.3	3	7	517.0	85.1	-3.4	19.9	4.7
20TH	250.00	85.6	12.7	3270	1485	26.2	8.6	3	7	431.4	72.4	-2.4	14.0	3.9
21ST	262.50	85.7	13.1	3270	1485	26.2	8.8	3	7	345.6	59.3	-1.6	9.1	3.1
22ND	275.00	85.9	13.6	3270	1485	26.3	9.2	3	7	259.7	45.6	-.9	5.3	2.3
23RD	287.50	86.2	14.4	3270	1485	26.4	9.7	3	7	173.5	31.2	-.5	2.6	1.5
24TH	295.50	51.7	9.5	2093	798	24.7	11.9	4	7	121.8	21.8	-.3	1.4	1.0
TOP	319.00	121.8	21.8	6148	2792	19.8	7.8	3	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
WIND DIRECTION 170 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1725.6	171.9	-31.0	307.9	11.7
LBBY	12.50	.8	2.0	112	158	6.9	12.3	-4	-1	1724.8	170.0	-28.9	286.3	11.7
2ND	25.00	33.0	7.4	1911	1298	17.3	5.7	2	3	1691.8	162.6	-26.8	265.0	11.6
3RD	37.50	52.2	4.5	3063	1485	17.1	3.1	3	13	1639.5	158.0	-24.8	244.1	10.7
4TH	50.00	56.9	4.7	3270	1485	17.4	3.2	3	12	1582.6	153.3	-22.8	224.0	9.7
5TH	62.50	57.8	5.4	3270	1485	17.7	3.6	3	10	1524.8	147.9	-21.0	204.6	8.9
6TH	75.00	59.0	5.5	3270	1485	18.0	3.7	2	8	1465.8	142.4	-19.1	185.9	8.3
7TH	87.50	60.5	5.5	3270	1485	18.5	3.7	2	7	1405.3	136.9	-17.4	167.9	7.7
8TH	100.00	62.3	5.4	3270	1485	19.0	3.6	1	5	1343.0	131.5	-15.7	150.8	7.3
9TH	112.50	64.1	5.2	3270	1485	19.6	3.5	1	5	1278.9	126.3	-14.1	134.4	6.8
10TH	125.00	66.0	5.5	3270	1485	20.2	3.7	1	5	1212.9	120.8	-12.6	118.8	6.4
11TH	137.50	68.0	5.8	3270	1485	20.8	3.9	1	5	1144.9	115.0	-11.1	104.1	6.0
12TH	150.00	70.1	6.1	3270	1485	21.4	4.1	1	5	1074.8	108.9	-9.7	90.2	5.5
13TH	162.50	72.2	6.5	3270	1485	22.1	4.4	1	5	1002.5	102.3	-8.4	77.2	5.1
14TH	175.00	74.8	6.9	3270	1485	22.9	4.7	1	4	927.8	95.4	-7.1	65.2	4.6
15TH	187.50	77.4	7.2	3270	1485	23.7	4.9	1	4	850.3	88.2	-6.0	54.0	4.2
16TH	200.00	80.2	7.5	3270	1485	24.5	5.1	1	4	770.2	80.7	-4.9	43.9	3.8
17TH	212.50	83.1	7.8	3270	1485	25.4	5.2	1	3	687.1	73.0	-4.0	34.8	3.4
18TH	225.00	86.0	8.0	3270	1485	26.3	5.4	1	3	601.2	65.0	-3.1	26.7	3.1
19TH	237.50	86.4	8.1	3270	1485	26.4	5.4	1	3	514.8	56.9	-2.3	19.8	2.7
20TH	250.00	86.0	8.3	3270	1485	26.3	5.6	1	3	428.8	48.7	-1.7	13.9	2.3
21ST	262.50	85.6	8.5	3270	1485	26.2	5.7	1	4	343.2	40.2	-1.1	9.1	1.9
22ND	275.00	85.4	8.8	3270	1485	26.1	5.9	1	4	257.8	31.4	-.7	5.3	1.5
23RD	287.50	85.0	9.2	3270	1485	26.0	6.2	1	4	172.7	22.3	-.3	2.6	1.0
24TH	295.50	51.2	5.9	2093	798	24.4	7.4	2	5	121.6	16.4	-.2	1.4	.6
TOP	319.00	121.6	16.4	6148	2792	19.8	5.9	1	4	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 180 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									1677.3	18.1	-5.7	300.3	3.7
LOBBY	12.50	.7	1.7	112	158	6.6	11.0	-5	-1	1676.5	16.4	-5.5	279.3	3.7
2ND	25.00	32.1	2.6	1911	1298	16.8	2.0	0	1	1644.4	13.8	-5.3	258.6	3.6
3RD	37.50	49.0	-2.9	3063	1485	16.0	-1.9	-1	7	1595.4	16.7	-5.1	238.3	3.1
4TH	50.00	53.6	-2.2	3270	1485	16.4	-1.5	-1	6	1541.8	18.9	-4.9	218.7	2.7
5TH	62.50	55.1	-1.5	3270	1485	16.8	-1.0	-0	5	1486.7	20.4	-4.7	199.8	2.3
6TH	75.00	56.9	-1.1	3270	1485	17.4	-.7	-0	3	1429.8	21.4	-4.4	181.6	2.1
7TH	87.50	58.8	-.8	3270	1485	18.0	-.5	-0	1	1371.1	22.2	-4.1	164.1	2.0
8TH	100.00	60.7	-.6	3270	1485	18.6	-.4	0	-0	1310.3	22.8	-3.9	147.3	2.0
9TH	112.50	62.7	-.6	3270	1485	19.2	-.4	0	-0	1247.6	23.4	-3.6	131.3	2.0
10TH	125.00	64.8	-.3	3270	1485	19.8	-.2	-0	0	1182.8	23.7	-3.3	116.1	2.0
11TH	137.50	66.9	-.1	3270	1485	20.5	-.1	-0	0	1115.8	23.8	-3.0	101.8	2.0
12TH	150.00	69.3	.0	3270	1485	21.2	.0	0	0	1046.6	23.8	-2.7	88.2	1.9
13TH	162.50	71.6	.1	3270	1485	21.9	.1	0	0	975.0	23.7	-2.4	75.6	1.9
14TH	175.00	73.4	.1	3270	1485	22.4	.1	0	1	901.6	23.6	-2.1	63.9	1.8
15TH	187.50	75.2	.5	3270	1485	23.0	.4	0	1	826.4	23.0	-1.8	53.1	1.8
16TH	200.00	77.2	.9	3270	1485	23.6	.6	0	1	749.2	22.1	-1.5	43.2	1.7
17TH	212.50	79.3	1.2	3270	1485	24.2	.8	0	1	670.0	20.9	-1.2	34.4	1.5
18TH	225.00	81.4	1.5	3270	1485	24.9	1.0	0	2	588.6	19.3	-1.0	26.5	1.3
19TH	237.50	82.1	2.0	3270	1485	25.1	1.3	0	2	506.5	17.4	-.8	19.6	1.1
20TH	250.00	82.5	2.2	3270	1485	25.2	1.5	0	2	424.1	15.2	-.6	13.8	.9
21ST	262.50	82.9	2.3	3270	1485	25.4	1.6	0	2	341.2	12.9	-.4	9.0	.7
22ND	275.00	83.6	2.4	3270	1485	25.6	1.6	0	2	257.6	10.4	-.2	5.3	.6
23RD	287.50	84.4	2.7	3270	1485	25.8	1.8	0	2	173.2	7.7	-.1	2.6	.4
24TH	295.50	51.3	1.8	2093	798	24.5	2.2	0	2	121.8	5.9	-.1	1.4	.2
TOP	319.00	121.8	5.9	6148	2792	19.8	2.1	0	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 190 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00	1.3	.7	112	158	11.9	4.5	-4	-2	1717.0	-125.1	22.5	303.9	-5.6
LBBY	12.50	36.4	.6	1911	1298	19.0	.4	0	1	1715.7	-125.8	21.0	282.4	-5.6
2ND	25.00	50.7	-5.6	3063	1485	16.5	-3.8	-1	5	1679.3	-126.4	19.4	261.2	-5.6
3RD	37.50	55.9	-6.0	3270	1485	17.1	-4.0	-1	2	1628.7	-120.8	17.8	240.5	-6.0
4TH	50.00	58.2	-5.6	3270	1485	17.8	-3.7	-0	1	1572.7	-114.8	16.4	220.5	-6.1
5TH	62.50	60.5	-5.2	3270	1485	18.5	-3.5	0	-1	1514.5	-109.2	15.0	201.2	-6.2
6TH	75.00	62.6	-4.9	3270	1485	19.2	-3.3	0	-2	1454.1	-104.1	13.6	182.7	-6.1
7TH	87.50	64.8	-4.7	3270	1485	19.8	-3.1	1	-4	1391.4	-99.2	12.4	164.9	-5.9
8TH	100.00	66.3	-4.7	3270	1485	20.3	-3.2	1	-4	1326.6	-94.6	11.1	147.9	-5.6
9TH	112.50	67.7	-4.7	3270	1485	20.7	-3.1	1	-4	1260.3	-89.9	10.0	131.7	-5.3
10TH	125.00	69.2	-4.6	3270	1485	21.2	-3.1	1	-4	1192.5	-85.2	8.9	116.4	-5.0
11TH	137.50	70.9	-4.5	3270	1485	21.7	-3.0	1	-4	1123.3	-80.6	7.9	101.9	-4.6
12TH	150.00	72.5	-4.4	3270	1485	22.2	-3.0	1	-4	1052.4	-76.1	6.9	88.3	-4.3
13TH	162.50	74.4	-4.6	3270	1485	22.8	-3.1	1	-4	979.9	-71.7	6.0	75.6	-3.9
14TH	175.00	76.4	-4.9	3270	1485	23.3	-3.3	1	-4	905.5	-67.2	5.1	63.8	-3.5
15TH	187.50	78.3	-5.2	3270	1485	23.9	-3.5	1	-4	829.1	-62.3	4.3	53.0	-3.1
16TH	200.00	80.3	-5.3	3270	1485	24.6	-3.6	1	-4	759.8	-57.0	3.5	43.1	-2.7
17TH	212.50	82.3	-5.4	3270	1485	25.2	-3.7	1	-4	670.5	-51.7	2.9	34.2	-2.3
18TH	225.00	82.8	-5.6	3270	1485	25.3	-3.8	1	-3	588.2	-46.2	2.2	26.4	-1.9
19TH	237.50	83.0	-5.8	3270	1485	25.4	-3.9	1	-3	505.4	-40.6	1.7	19.5	-1.5
20TH	250.00	83.3	-5.9	3270	1485	25.5	-4.0	1	-3	422.4	-34.8	1.2	13.7	-1.1
21ST	262.50	83.6	-6.1	3270	1485	25.6	-4.1	0	-2	339.2	-28.9	.8	9.0	-.8
22ND	275.00	83.9	-6.4	3270	1485	25.7	-4.3	0	-2	255.6	-22.9	.5	5.3	-.5
23RD	287.50	50.4	-4.2	2093	798	24.1	-5.3	0	-1	171.6	-16.5	.3	2.6	-.3
24TH	295.50	121.2	-12.3	6148	2792	19.7	-4.4	0	-1	121.2	-12.3	.1	1.4	-.2
TOP	319.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 WIND DIRECTION 350 CONFIGURATION B REFERENCE PRESSURE 26.0 PSF GUST FACTOR 1.32  
 ECCENTRICITIES BASED ON 50 FT IN THE X DIRECTION AND 135 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
GRND	0.00									-1757.4	-189.5	34.2	-310.2	27.8
LEBY	12.50	-2.8	2.7	112	158	-25.4	16.9	7	-3	-1754.5	-192.1	31.8	-288.2	27.8
2ND	25.00	-44.3	-.2	1911	1298	-23.2	-.2	-0	-13	-1710.2	-191.9	29.4	-266.5	27.0
3RD	37.50	-63.5	-5.5	3063	1485	-20.7	-3.7	-2	-8	-1646.7	-186.5	27.0	-245.6	26.3
4TH	50.00	-64.5	-6.9	3270	1485	-19.7	-4.6	-3	-10	-1582.2	-179.6	24.7	-225.4	25.4
5TH	62.50	-62.7	-6.9	3270	1485	-19.2	-4.7	-3	-10	-1519.6	-172.6	22.5	-206.0	24.5
6TH	75.00	-61.5	-7.0	3270	1485	-18.8	-4.7	-3	-11	-1458.1	-165.7	20.4	-187.4	23.6
7TH	87.50	-60.6	-7.1	3270	1485	-18.5	-4.8	-4	-12	-1397.5	-158.6	18.4	-169.5	22.6
8TH	100.00	-60.4	-7.1	3270	1485	-18.5	-4.8	-4	-12	-1337.1	-151.5	16.4	-152.5	21.6
9TH	112.50	-62.4	-7.2	3270	1485	-19.1	-4.9	-4	-13	-1274.7	-144.2	14.6	-136.1	20.5
10TH	125.00	-64.5	-7.5	3270	1485	-19.7	-5.0	-4	-13	-1210.2	-136.7	12.8	-120.6	19.4
11TH	137.50	-66.6	-7.8	3270	1485	-20.4	-5.3	-4	-13	-1143.6	-128.9	11.2	-105.9	18.3
12TH	150.00	-68.9	-8.3	3270	1485	-21.1	-5.6	-4	-13	-1074.7	-120.6	9.6	-92.0	17.1
13TH	162.50	-71.2	-8.7	3270	1485	-21.8	-5.8	-4	-13	-1003.5	-111.9	8.2	-79.0	15.8
14TH	175.00	-73.2	-8.9	3270	1485	-22.4	-6.0	-4	-13	-930.4	-103.1	6.8	-66.9	14.6
15TH	187.50	-75.1	-9.2	3270	1485	-23.0	-6.2	-4	-12	-855.2	-93.9	5.6	-55.8	13.3
16TH	200.00	-77.3	-9.6	3270	1485	-23.6	-6.4	-4	-12	-777.9	-84.3	4.5	-45.6	12.0
17TH	212.50	-79.7	-10.0	3270	1485	-24.4	-6.7	-4	-13	-698.2	-74.3	3.5	-36.4	10.6
18TH	225.00	-82.2	-10.5	3270	1485	-25.1	-7.1	-4	-13	-616.0	-63.8	2.6	-28.1	9.2
19TH	237.50	-83.3	-10.4	3270	1485	-25.5	-7.0	-4	-12	-532.7	-53.5	1.9	-21.0	7.8
20TH	250.00	-84.0	-10.2	3270	1485	-25.7	-6.9	-4	-12	-448.6	-43.3	1.3	-14.8	6.4
21ST	262.50	-84.9	-10.1	3270	1485	-26.0	-6.8	-4	-11	-363.7	-33.2	.8	-9.7	5.2
22ND	275.00	-86.1	-10.0	3270	1485	-26.3	-6.7	-3	-11	-277.7	-23.2	.5	-5.7	3.9
23RD	287.50	-87.2	-10.0	3270	1485	-26.7	-6.7	-3	-10	-190.4	-13.2	.2	-2.8	2.7
24TH	295.50	-60.0	-1.6	2093	798	-28.7	-2.1	-1	-11	-130.4	-11.5	.1	-1.5	1.9
TOP	319.00	-130.4	-11.5	6148	2792	-21.2	-4.1	-3	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. PIC LAS COLINAS OFFICE BUILDING  
 PROJECT 7870 CONFIGURATION A  
 SCALE = 300 REF. PRESSURE = 26.0  
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50  
 NUMBER OF SIDES = 6 NO. OF FLOORS = 25

SIDE	ANGLE	Z-AXIS
1	0.0	5.400
2	108.4	2.290
3	180.0	4.200
4	251.6	.550
5	90.0	2.600
6	270.0	-1.600

FLOOR #	LABEL	HEIGHT-FT
1	GRND	12.50
2	LBBY	12.50
3	2ND	12.50
4	3RD	12.50
5	4TH	12.50
6	5TH	12.50
7	6TH	12.50
8	7TH	12.50
9	8TH	12.50
10	9TH	12.50
11	10TH	12.50
12	11TH	12.50
13	12TH	12.50
14	13TH	12.50
15	14TH	12.50
16	15TH	12.50
17	16TH	12.50
18	17TH	12.50
19	18TH	12.50
20	19TH	12.50
21	20TH	12.50
22	21ST	12.50
23	22ND	12.50
24	23RD	8.00
25	24TH	23.50

TABLE 7      PIC LAS COLINAS OFFICE BUILDING, PHASE II BUILDING REMOVED  
 PROJECT 7870      CONFIGURATION B  
 SCALE = 300      REF. PRESSURE = 26.0  
 GUST FACTOR = 1.32      STANDARD FLOOR HEIGHT = 12.50  
 NUMBER OF SIDES = 6      NO. OF FLOORS = 25

SIDE	ANGLE	Z-AXIS
1	0.0	5.400
2	108.4	2.290
3	180.0	4.200
4	251.6	.550
5	90.0	2.600
6	270.0	-.600

FLOOR #	LABEL	HEIGHT-FT
1	GRND	12.50
2	LBBY	12.50
3	2ND	12.50
4	3RD	12.50
5	4TH	12.50
6	5TH	12.50
7	6TH	12.50
8	7TH	12.50
9	8TH	12.50
10	9TH	12.50
11	10TH	12.50
12	11TH	12.50
13	12TH	12.50
14	13TH	12.50
15	14TH	12.50
16	15TH	12.50
17	16TH	12.50
18	17TH	12.50
19	18TH	12.50
20	19TH	12.50
21	20TH	12.50
22	21ST	12.50
23	22ND	12.50
24	23RD	9.00
25	24TH	23.50

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN
0	1	.504	.194	.007	-.303	0	137	-.334	.121	.052	-.799	0	187	.101	.105	.534	-.240
0	2	-.433	.153	-.018	-.163	0	138	-.234	.133	.189	-.685	0	188	.239	.109	.630	-.107
0	3	-.475	.139	-.069	-.137	0	139	-.001	.145	.449	-.482	0	189	.143	.125	.523	-.367
0	4	-.479	.138	-.063	-.013	0	140	-.208	.149	.719	-.272	0	190	.317	.125	.787	-.057
0	5	-.506	.167	-.063	-.539	0	141	-.395	.157	.895	-.174	0	191	.337	.134	.888	-.010
0	6	-.517	.186	-.223	-.390	0	142	-.480	.157	1.032	-.000	0	192	.338	.140	.948	-.023
0	7	-.504	.171	-.013	-.701	0	143	-.480	.166	1.000	-.045	0	193	.337	.134	.937	-.001
0	8	-.490	.178	-.066	-.456	0	144	-.462	.165	1.018	-.032	0	194	.333	.132	.840	-.057
0	9	-.482	.168	.115	-.149	0	145	-.455	.178	1.099	-.009	0	195	.135	.148	.676	.316
0	10	-.494	.187	.050	-.389	0	146	-.280	.180	.864	-.244	0	196	-.034	.141	.452	.532
0	11	-.463	.181	.115	-.222	0	147	-.081	.166	.581	-.455	0	197	-.165	.112	.240	.581
0	12	-.493	.184	.139	-.228	0	148	-.168	.132	.275	-.608	0	198	-.253	.105	.125	.652
0	13	-.473	.177	.254	-.220	0	149	-.265	.112	.133	-.620	0	199	-.057	.114	.553	.301
0	14	-.450	.149	.111	-.101	0	150	-.295	.111	.088	-.754	0	200	.355	.143	.997	-.048
0	101	-.367	.119	.079	-.818	0	151	-.274	.110	.135	-.657	0	201	.262	.150	.821	.137
0	102	-.257	.116	.216	-.705	0	152	-.314	.118	.170	-.833	0	202	.376	.131	.786	-.088
0	103	-.116	.125	.391	-.533	0	153	-.227	.140	.254	-.934	0	203	.400	.137	.911	.108
0	104	-.020	.136	.377	-.428	0	154	-.041	.147	.299	-.934	0	204	.411	.140	.964	.121
0	105	.087	.140	.627	-.348	0	155	.212	.156	.800	-.215	0	205	.337	.142	.903	.074
0	106	.139	.143	.630	-.350	0	156	.350	.163	.990	-.685	0	206	.344	.138	.929	-.079
0	107	.136	.147	.694	-.402	0	157	.436	.156	1.230	-.000	0	207	.179	.145	.773	.247
0	108	.063	.137	.516	-.390	0	158	.447	.150	1.039	-.025	0	208	.068	.152	.536	.594
0	109	.098	.156	.587	-.444	0	159	.411	.146	.992	-.007	0	209	-.020	.122	.400	.399
0	110	.050	.151	.587	-.471	0	160	.372	.144	.896	-.019	0	301	-.020	.120	.034	.831
0	111	-.048	.149	.494	-.646	0	161	-.188	.153	.725	-.329	0	302	.385	.124	.052	.876
0	112	-.239	.132	.494	-.796	0	162	-.028	.142	.558	-.415	0	303	.389	.133	.036	.330
0	113	-.411	.119	.020	-.862	0	163	-.216	.107	.183	-.647	0	304	.367	.127	.045	.869
0	114	.015	.129	.517	-.384	0	164	-.270	.107	.090	-.684	0	305	.367	.127	.053	.109
0	115	.035	.151	.577	-.452	0	165	-.307	.121	.109	-.765	0	306	.378	.131	.038	.039
0	116	.251	.166	.838	-.252	0	166	-.267	.108	.688	-.682	0	307	.378	.131	.038	.738
0	117	.386	.164	1.121	-.140	0	167	.302	.124	.137	-.841	0	308	.389	.114	.049	.724
0	118	.467	.168	1.082	-.030	0	168	.218	.129	.688	-.725	0	309	.389	.115	.012	.776
0	119	.479	.172	1.063	-.064	0	169	.019	.125	.463	-.416	0	310	.399	.119	.000	.804
0	120	.453	.171	1.047	-.123	0	170	.182	.128	.599	-.203	0	311	.406	.116	.032	.772
0	121	.442	.179	.995	-.132	0	171	.295	.122	.699	-.100	0	312	.406	.119	.021	.858
0	122	-.286	.113	.160	-.715	0	172	.355	.131	.911	-.011	0	313	.363	.108	.034	.725
0	123	-.144	.126	.336	-.581	0	173	.367	.148	.853	-.167	0	314	.396	.113	.043	.801
0	124	.050	.150	.590	-.436	0	174	.343	.141	.877	-.148	0	315	.357	.108	.036	.735
0	125	.253	.162	.776	-.392	0	175	.300	.141	.824	-.161	0	316	.355	.111	.004	.976
0	126	.403	.168	.990	-.185	0	176	.110	.140	.653	-.296	0	317	.361	.111	.021	.828
0	127	.474	.177	1.087	-.167	0	177	.049	.136	.481	-.499	0	318	.361	.111	.021	.763
0	128	.479	.176	1.026	-.118	0	178	.244	.117	.559	-.670	0	319	.383	.113	.008	.764
0	129	.458	.174	.990	-.049	0	179	.297	.111	.659	-.709	0	320	.383	.120	.044	.784
0	130	.441	.172	1.004	-.049	0	180	.318	.133	.121	-.850	0	321	.383	.113	.074	.694
0	131	.293	.176	.844	-.343	0	181	.307	.114	.096	-.745	0	322	.373	.121	.048	.814
0	132	.126	.161	.701	-.463	0	182	.298	.132	.187	-.960	0	323	.321	.116	.086	.813
0	133	-.165	.133	.372	-.614	0	183	.130	.126	.303	-.660	0	324	.333	.119	.096	.669
0	134	-.279	.113	.203	-.717	0	184	.167	.114	.603	-.362	0	325	.347	.119	.074	.704
0	135	-.332	.114	.057	-.780	0	185	.198	.115	.644	-.186	0	326	.371	.123	.083	.769
0	136	-.271	.116	.270	-.665	0	186	.300	.113	.753	-.020	0	327	.378	.126	.070	.944

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	328	.367	.116	-.015	-.799	0	430	-.348	.116	.042	-.735	0	511	-.402	.114	.062	-.778
0	332	.337	.106	-.010	-.733	0	431	-.341	.115	.077	-.710	0	512	-.421	.119	.032	-.824
0	333	.369	.116	-.004	-.814	0	432	-.373	.115	.046	-.707	0	513	-.400	.116	.069	-.832
0	331	.331	.109	-.012	-.951	0	433	-.388	.115	.030	-.844	0	514	-.398	.114	.074	-.762
0	332	.332	.123	-.089	-.803	0	434	-.406	.119	.050	-.848	0	515	-.420	.141	.010	-.928
0	333	.344	.123	-.063	-.840	0	435	-.417	.122	.028	-.846	0	516	-.382	.125	.036	-.798
0	334	.353	.128	-.101	-.918	0	436	-.448	.130	.111	-.876	0	517	-.423	.143	.019	-1.286
0	335	.366	.129	-.003	-.858	0	437	-.449	.124	.088	-.762	0	518	-.416	.129	.023	-1.888
0	336	.404	.120	-.024	-.972	0	438	-.449	.133	.088	-1.026	0	519	-.399	.125	.027	-1.211
0	337	.371	.111	-.037	-.843	0	439	-.381	.126	.046	-.835	0	520	-.381	.122	.042	-1.844
0	338	.399	.120	-.030	-1.168	0	440	-.346	.119	-.002	-.694	0	521	-.377	.121	.051	-1.784
0	339	.386	.117	-.017	-.923	0	441	-.328	.115	.048	-.673	0	522	-.441	.131	-.031	-1.139
0	340	.389	.117	-.025	-.848	0	442	-.328	.116	.001	-.699	0	523	-.386	.111	-.003	-.869
0	341	.387	.116	-.039	-.825	0	443	-.337	.118	.014	-.689	0	524	-.444	.141	-.029	-1.898
0	342	.388	.118	-.023	-.893	0	444	-.405	.111	-.092	-.886	0	525	-.456	.145	-.134	-1.088
0	343	.388	.115	-.008	-.796	0	445	-.424	.117	-.076	-1.052	0	526	-.426	.139	-.049	-1.228
0	344	.390	.119	-.018	-.847	0	446	-.445	.127	-.099	-1.033	0	527	-.426	.139	-.051	-1.290
0	345	.383	.119	-.053	-.831	0	447	-.445	.131	-.041	-.989	0	528	-.433	.130	.017	-.813
0	346	.380	.121	-.047	-.823	0	448	-.443	.139	.053	-.883	0	529	-.446	.124	.014	-.791
0	347	.388	.119	-.022	-.890	0	449	-.371	.115	.000	-1.178	0	530	-.444	.133	.018	-1.007
0	348	.373	.119	-.017	-.778	0	450	-.348	.110	-.001	-.798	0	531	-.444	.133	.014	-.987
0	401	.413	.125	-.033	-.940	0	451	-.348	.110	-.026	-.734	0	532	-.446	.144	.063	-1.056
0	402	.418	.138	-.003	-.871	0	452	-.333	.123	.115	-.782	0	533	-.442	.140	.026	-1.026
0	403	.423	.142	-.010	-1.138	0	453	-.321	.120	.077	-.762	0	534	-.419	.139	.021	-1.121
0	404	.432	.139	-.066	-1.009	0	454	-.338	.122	.054	-.763	0	535	-.413	.138	-.031	-.968
0	405	.450	.135	-.051	-1.019	0	455	-.346	.124	.163	-.833	0	536	-.401	.135	.041	-1.082
0	406	.444	.134	-.027	-.938	0	456	-.401	.134	.108	-1.053	0	537	-.393	.134	-.042	-1.010
0	407	.444	.132	-.012	-.991	0	457	-.449	.134	.019	-1.312	0	538	-.433	.134	.101	-1.301
0	408	.433	.137	-.012	-.530	0	458	-.477	.162	-.028	-1.268	0	539	-.464	.166	.021	-1.796
0	409	.444	.140	-.043	-.166	0	459	-.359	.113	.088	-.767	0	540	-.442	.153	.042	-1.236
0	410	.468	.132	-.064	-.913	0	460	-.417	.141	.079	-1.077	0	541	-.450	.150	.018	-1.108
0	411	.468	.133	-.052	-.872	0	461	-.325	.114	.031	-.716	0	542	-.488	.162	.076	-1.150
0	412	.483	.130	-.043	-1.026	0	462	-.319	.114	.043	-.714	0	543	-.457	.157	.019	-1.067
0	413	.463	.127	-.019	-.955	0	463	-.304	.112	.032	-.649	0	544	-.461	.150	.041	-1.195
0	414	.452	.125	-.062	-.929	0	464	-.304	.111	.083	-.683	0	545	-.461	.157	.033	-1.116
0	415	.444	.122	-.023	-.921	0	465	-.308	.109	.098	-.698	0	546	-.460	.149	.011	-1.039
0	416	.427	.125	-.016	-.826	0	466	-.327	.109	.091	-.713	0	547	-.461	.145	.014	-.996
0	417	.389	.121	-.018	-.790	0	467	-.341	.111	.025	-.767	0	548	-.430	.118	.084	-1.105
0	418	.379	.122	-.007	-.813	0	468	-.342	.113	.033	-.960	0	549	-.429	.129	.068	-1.426
0	419	.360	.120	-.012	-.764	0	469	-.270	.113	.131	-.711	0	550	-.422	.123	.056	-1.146
0	420	.384	.114	-.039	-.750	0	501	-.429	.141	-.009	-1.177	0	551	-.422	.149	.056	-1.146
0	421	.383	.114	-.037	-.800	0	502	-.422	.133	.005	-1.054	0	552	-.397	.147	.088	-1.003
0	422	.406	.117	-.047	-.799	0	503	-.414	.139	.060	-.992	0	553	-.270	.130	.837	-1.130
0	423	.413	.117	-.089	-.808	0	504	-.408	.134	.043	-.937	0	554	-.184	.117	.618	-1.166
0	424	.404	.126	.133	-.873	0	505	-.430	.144	.020	-1.066	0	555	-.188	.122	.670	-1.227
0	425	.411	.127	.130	-.943	0	506	-.423	.141	.014	-.997	0	556	-.444	.187	1.081	-1.119
0	426	.372	.124	.119	-.757	0	507	-.427	.129	-.018	-.930	0	557	-.423	.176	1.126	-1.641
0	427	.412	.129	.096	-.812	0	508	-.420	.121	-.031	-.849	0	558	-.256	.159	.797	-1.193
0	428	.368	.116	-.032	-.722	0	509	-.417	.121	-.023	-.863	0	559	-.357	.115	.060	-1.133
0	429	.356	.114	-.024	-.700	0	510	-.407	.119	-.007	-.959	0					

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	905	.030	.143	.554	-.445	10	131	.192	.152	.674	-.314	10	181	.395	.114	.158	-.698
0	906	.350	.152	.944	-.673	10	132	.019	.139	.569	-.418	10	182	.233	.143	.386	-.664
0	907	.388	.143	.984	-.629	10	133	.227	.126	.197	-.873	10	183	.951	.136	.487	-.511
0	908	.172	.114	.568	-.260	10	134	.285	.116	.109	-.672	10	184	.174	.119	.673	-.215
0	909	.110	.110	.377	-.235	10	135	.227	.117	.166	-.677	10	185	.230	.125	.667	-.191
0	910	.484	.137	.640	-.012	10	136	.274	.116	.091	-.711	10	186	.334	.127	.500	-.080
10	1	.500	.208	.258	-.145	10	137	.250	.130	.242	-.989	10	187	.132	.112	.500	-.280
10	2	.448	.176	.013	-.147	10	138	.128	.139	.408	-.740	10	188	.255	.120	.653	-.139
10	3	.451	.162	.626	-.115	10	139	.125	.156	.624	-.338	10	189	.180	.132	.655	-.323
10	4	.462	.156	.638	-.057	10	140	.318	.166	.863	-.100	10	190	.343	.127	.808	-.014
10	5	.477	.180	.627	-.154	10	141	.492	.165	1.007	.015	10	191	.363	.136	.912	.018
10	6	.436	.194	.277	-.164	10	142	.529	.165	1.078	.073	10	192	.334	.139	.868	-.112
10	7	.425	.164	.132	-.180	10	143	.478	.166	1.012	.022	10	193	.326	.145	.806	-.160
10	8	.418	.154	.042	-.217	10	144	.431	.166	.853	.100	10	194	.276	.135	.720	-.175
10	9	.423	.181	.163	-.185	10	145	.392	.153	.853	.132	10	195	.059	.136	.486	-.472
10	10	.415	.197	.308	-.136	10	146	.138	.157	.672	.448	10	196	.009	.129	.370	-.598
10	11	.430	.308	.197	-.356	10	147	.045	.144	.570	.553	10	197	.200	.116	.168	-.642
10	12	.428	.192	.169	-.148	10	148	.223	.126	.278	.653	10	198	.207	.116	.122	-.714
10	13	.415	.184	.150	-.195	10	149	.262	.108	.689	.650	10	199	.103	.114	.188	-.613
10	14	.270	.169	.133	-.132	10	150	.211	.121	.203	.698	10	200	.382	.144	.693	-.222
10	101	.162	.133	.155	-.743	10	151	.264	.106	.115	-.657	10	201	.366	.148	.880	-.069
10	102	.011	.136	.360	-.606	10	152	.235	.123	.165	-.739	10	202	.337	.139	.967	.033
10	103	.078	.150	.638	-.561	10	153	.140	.141	.388	-.780	10	203	.339	.147	1.016	-.039
10	104	.179	.162	.642	-.644	10	154	.133	.154	.682	-.474	10	204	.350	.149	.901	-.188
10	105	.179	.162	.786	-.398	10	155	.302	.161	1.075	-.288	10	205	.334	.152	.902	-.096
10	106	.122	.157	.748	-.356	10	156	.414	.159	.972	-.172	10	206	.305	.143	.811	-.123
10	107	.046	.138	.626	-.387	10	157	.444	.157	1.002	.018	10	207	.296	.137	.599	-.343
10	108	.060	.154	.636	-.418	10	158	.402	.153	.949	.029	10	208	.165	.139	.372	-.641
10	109	.027	.145	.522	-.418	10	159	.357	.146	.919	.071	10	209	.077	.125	.432	-.438
10	110	.134	.141	.355	-.619	10	160	.314	.143	.867	.136	10	301	.333	.118	.018	-.781
10	111	.287	.131	.139	-.889	10	161	.079	.135	.588	.432	10	302	.326	.122	.032	-.807
10	112	.361	.134	.097	-.833	10	162	.082	.137	.425	.562	10	303	.328	.130	.060	-.999
10	113	.123	.153	.728	-.342	10	163	.247	.113	.108	.630	10	304	.328	.141	.181	-.922
10	114	.184	.170	.818	-.345	10	164	.270	.116	.097	.644	10	305	.328	.141	.142	-.948
10	115	.377	.188	.946	-.185	10	165	.229	.140	.232	.767	10	306	.329	.143	.082	-.751
10	116	.481	.189	.1030	-.079	10	166	.265	.106	.128	.646	10	307	.329	.126	.682	-.774
10	117	.486	.175	.072	-.017	10	167	.228	.140	.331	.777	10	308	.330	.124	.117	-.774
10	118	.441	.166	.120	-.074	10	168	.130	.143	.342	.656	10	309	.340	.124	.110	-.804
10	119	.397	.158	.989	-.123	10	169	.118	.140	.703	.416	10	310	.340	.129	.135	-.855
10	120	.348	.172	.001	-.233	10	170	.262	.140	.804	.216	10	311	.332	.132	.151	-.870
10	121	.184	.113	.183	-.567	10	171	.334	.143	.882	.087	10	312	.338	.137	.127	-.956
10	122	.017	.128	.388	-.411	10	172	.348	.143	1.059	.038	10	313	.294	.122	.114	-.700
10	123	.196	.152	.695	-.308	10	173	.319	.141	.971	.050	10	314	.286	.126	.097	-.846
10	124	.347	.176	.873	-.149	10	174	.275	.131	.859	.116	10	315	.284	.120	.159	-.679
10	125	.454	.182	.986	-.109	10	175	.051	.135	.753	.147	10	316	.291	.119	.161	-.677
10	126	.480	.177	.039	-.155	10	176	.112	.136	.572	.467	10	317	.293	.119	.156	-.697
10	127	.441	.164	.933	-.130	10	177	.262	.117	.401	.694	10	318	.291	.121	.130	-.740
10	128	.410	.159	.997	-.221	10	178	.262	.117	.137	.645	10	319	.291	.123	.158	-.776
10	129	.387	.156	.884	-.127	10	179	.282	.115	.097	.629	10	320	.291	.117	.032	-.812
10	130	.387	.156	.884	-.127	10	180	.262	.150	.208	.830	10	321	.291	.113	.179	-.640

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	422	115	115	024	731	10	424	119	119	038	785	10	422	126	126	033	999
10	423	115	115	171	628	10	425	120	120	020	857	10	423	126	126	033	999
10	424	121	121	158	640	10	426	110	110	078	669	10	424	147	147	066	884
10	425	126	126	114	664	10	427	124	124	020	836	10	425	147	147	066	884
10	426	123	123	138	709	10	428	104	104	094	584	10	426	147	147	066	884
10	427	125	125	139	710	10	429	103	103	105	572	10	427	147	147	066	884
10	428	121	121	035	936	10	430	103	103	084	566	10	428	147	147	066	884
10	429	113	113	085	708	10	431	107	107	078	624	10	429	147	147	066	884
10	430	120	120	003	933	10	432	108	108	020	776	10	430	147	147	066	884
10	431	114	114	000	933	10	433	107	107	016	735	10	431	147	147	066	884
10	432	113	113	072	733	10	434	109	109	000	700	10	432	147	147	066	884
10	433	113	113	054	741	10	435	114	114	005	769	10	433	147	147	066	884
10	434	119	119	090	861	10	436	124	124	035	980	10	434	147	147	066	884
10	435	131	131	151	086	10	437	107	107	077	782	10	435	147	147	066	884
10	436	114	114	015	514	10	438	129	129	020	000	10	436	147	147	066	884
10	437	107	107	040	655	10	439	113	113	142	714	10	437	147	147	066	884
10	438	109	109	009	781	10	440	110	110	103	679	10	438	147	147	066	884
10	439	111	111	011	795	10	441	108	108	085	688	10	439	147	147	066	884
10	440	111	111	036	798	10	442	110	110	055	692	10	440	147	147	066	884
10	441	109	109	027	788	10	443	111	111	035	712	10	441	147	147	066	884
10	442	110	110	003	788	10	444	110	110	045	839	10	442	147	147	066	884
10	443	109	109	003	779	10	445	115	115	048	809	10	443	147	147	066	884
10	444	106	106	026	797	10	446	128	128	057	109	10	444	147	147	066	884
10	445	105	105	011	700	10	447	148	148	125	958	10	445	147	147	066	884
10	446	103	103	005	691	10	448	111	111	104	620	10	446	147	147	066	884
10	447	103	103	030	746	10	449	140	140	003	966	10	447	147	147	066	884
10	448	109	109	067	681	10	450	108	108	056	681	10	448	147	147	066	884
10	449	133	133	085	735	10	451	130	130	188	755	10	449	147	147	066	884
10	450	137	137	174	734	10	452	111	111	142	633	10	450	147	147	066	884
10	451	137	137	192	769	10	453	108	108	054	661	10	451	147	147	066	884
10	452	146	146	120	869	10	454	111	111	140	659	10	452	147	147	066	884
10	453	141	141	117	863	10	455	122	122	106	450	10	453	147	147	066	884
10	454	139	139	156	800	10	456	144	144	092	343	10	454	147	147	066	884
10	455	141	141	180	850	10	457	164	164	050	470	10	455	147	147	066	884
10	456	134	134	107	989	10	458	171	171	045	467	10	456	147	147	066	884
10	457	139	139	073	986	10	459	111	111	045	693	10	457	147	147	066	884
10	458	134	134	046	875	10	460	156	156	052	174	10	458	147	147	066	884
10	459	135	135	034	840	10	461	115	115	011	810	10	459	147	147	066	884
10	460	122	122	002	776	10	462	116	116	044	749	10	460	147	147	066	884
10	461	117	117	022	726	10	463	117	117	062	676	10	461	147	147	066	884
10	462	111	111	030	716	10	464	108	108	077	692	10	462	147	147	066	884
10	463	108	108	035	730	10	465	108	108	107	694	10	463	147	147	066	884
10	464	112	112	030	754	10	466	109	109	011	702	10	464	147	147	066	884
10	465	105	105	066	699	10	467	115	115	001	728	10	465	147	147	066	884
10	466	106	106	078	631	10	468	126	126	000	923	10	466	147	147	066	884
10	467	105	105	042	631	10	469	119	119	082	818	10	467	147	147	066	884
10	468	119	119	042	770	10	470	148	148	015	197	10	468	147	147	066	884
10	469	117	117	051	801	10	471	139	139	020	072	10	469	147	147	066	884
10	470	117	117	008	803	10	472	133	133	008	098	10	470	147	147	066	884
10	471	115	115	015	803	10	473	127	127	064	995	10	471	147	147	066	884

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	555	.242	.117	.747	-.164	20	125	.408	.178	1.035	-.096	20	175	.194	.133	.738	-.173
10	556	.250	.129	.747	-.198	20	126	.463	.177	1.092	-.024	20	176	-.067	.153	.489	-.644
10	901	.362	.175	1.101	-.145	20	137	.438	.174	1.028	-.030	20	177	-.200	.117	.198	-.541
10	902	.461	.186	1.217	-.119	20	138	.360	.164	.903	-.114	20	178	-.263	.107	.081	-.666
10	903	.350	.184	.928	-.154	20	139	.318	.159	.872	-.181	20	179	-.267	.109	.094	-.707
10	904	.318	.112	.041	-.718	20	130	.284	.152	.838	-.217	20	180	-.212	.149	.304	-.902
10	905	.099	.132	.406	-.513	20	131	.046	.146	.573	-.433	20	181	-.265	.111	.108	-.614
10	906	.316	.136	.963	-.144	20	132	.115	.123	.376	-.546	20	182	-.098	.132	.223	-.739
10	907	.404	.135	.890	-.097	20	133	.108	.108	.164	-.660	20	183	-.098	.132	.437	-.481
10	908	.223	.116	.636	-.206	20	134	-.294	.104	.076	-.701	20	184	.192	.124	.631	-.321
10	909	.153	.119	.589	-.225	20	135	-.162	.129	.279	-.646	20	185	.259	.124	.702	-.217
10	910	.429	.143	.094	-1.083	20	136	-.278	.104	.084	-.643	20	186	.326	.121	.824	-.104
20	1	.454	.206	.213	-1.252	20	137	-.178	.138	.288	-.791	20	187	-.155	.110	.566	-.282
20	2	.415	.160	.079	-1.022	20	138	.025	.151	.483	-.701	20	188	.276	.117	.761	-.146
20	3	.423	.155	.001	-1.344	20	139	.250	.176	.806	-.368	20	189	.211	.128	.622	-.270
20	4	.414	.141	.013	-1.154	20	140	.415	.181	1.112	-.071	20	190	.346	.123	.828	-.015
20	5	.428	.157	.002	-1.407	20	141	.480	.173	1.016	-.009	20	191	.337	.126	.773	-.073
20	6	.427	.191	.298	-1.317	20	142	.447	.165	.992	-.047	20	192	.287	.128	.734	-.116
20	7	.427	.135	.138	-1.243	20	143	.358	.154	1.002	-.117	20	193	.270	.130	.774	-.087
20	8	.433	.177	.155	-1.201	20	144	.316	.143	.919	-.101	20	194	.222	.119	.727	-.124
20	9	.407	.164	.168	-1.064	20	145	.337	.150	.803	-.190	20	195	.234	.121	.411	-.526
20	10	.390	.186	.134	-1.226	20	146	.066	.144	.561	-.456	20	196	.188	.115	.225	-.621
20	11	.357	.178	.309	-1.999	20	147	.141	.123	.330	-.523	20	197	.188	.126	.203	-.617
20	12	.378	.174	.213	-1.122	20	148	.246	.107	.134	-.608	20	198	.253	.118	.168	-.626
20	13	.392	.171	.226	-1.101	20	149	.238	.101	.069	-.654	20	199	.138	.121	.668	-.289
20	14	.400	.158	.114	-1.092	20	150	.159	.141	.318	-.711	20	200	.369	.146	1.050	-.127
20	101	.211	.127	.310	-.665	20	151	.248	.099	.091	-.653	20	201	.338	.149	.970	-.022
20	102	.086	.135	.402	-.594	20	152	-.199	.147	.257	-.753	20	202	.384	.135	.808	-.017
20	103	.065	.149	.543	-.535	20	153	.086	.138	.384	-.518	20	203	.373	.143	.857	-.008
20	104	.141	.153	.640	-.478	20	154	.191	.142	.733	-.269	20	204	.322	.146	.816	-.099
20	105	.202	.145	.639	-.339	20	155	.339	.150	.883	-.095	20	205	.286	.136	.777	-.084
20	106	.163	.139	.741	-.300	20	156	.408	.155	.897	-.030	20	206	.267	.128	.728	-.109
20	107	.078	.132	.622	-.452	20	157	.393	.146	.979	-.035	20	207	.026	.126	.446	-.431
20	108	.098	.122	.507	-.533	20	158	.314	.139	.901	-.087	20	208	-.218	.132	.256	-.709
20	109	.020	.136	.492	-.533	20	159	.273	.130	.785	-.112	20	209	-.164	.128	.404	-.519
20	110	.097	.124	.387	-.599	20	160	.237	.125	.665	-.161	20	301	-.283	.127	.117	-.733
20	111	.194	.121	.258	-.654	20	161	.032	.138	.399	-.654	20	302	-.286	.132	.143	-.769
20	112	.301	.119	.110	-.742	20	162	.162	.123	.261	-.663	20	303	-.294	.139	.148	-.909
20	113	.332	.120	.085	-.714	20	163	.249	.102	.082	-.604	20	304	-.298	.131	.130	-.836
20	114	.203	.150	.714	-.300	20	164	.244	.101	.057	-.584	20	305	-.298	.129	.118	-.869
20	115	.292	.169	.864	-.330	20	165	.190	.141	.257	-.993	20	306	-.300	.129	.135	-.833
20	116	.466	.184	1.077	-.174	20	166	.242	.105	.092	-.619	20	307	-.268	.112	.089	-.674
20	117	.506	.185	.980	-.064	20	167	.192	.142	.253	-.834	20	308	-.272	.112	.069	-.646
20	118	.447	.166	.927	-.115	20	168	.071	.136	.376	-.663	20	309	-.279	.112	.075	-.658
20	119	.369	.157	.866	-.128	20	169	.186	.136	.706	-.273	20	310	-.364	.120	.090	-.707
20	120	.308	.146	.792	-.156	20	170	.316	.134	.743	-.160	20	311	-.293	.120	.129	-.692
20	121	.276	.144	.908	-.131	20	171	.356	.135	.808	-.089	20	312	-.314	.120	.069	-.811
20	122	.126	.124	.287	-.733	20	172	.328	.133	.839	-.125	20	313	-.270	.107	.082	-.631
20	123	.093	.140	.593	-.433	20	173	.262	.147	.809	-.167	20	314	-.300	.110	.085	-.675
20	124	.318	.164	.889	-.260	20	174	.239	.135	.740	-.173	20	315	-.257	.107	.082	-.630

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	316	.263	.114	.146	-.651	20	418	-.288	.120	.110	-.737	20	446	-.229	.133	.094	-.896
200	317	.270	.113	.110	-.681	20	419	-.278	.118	.126	-.730	20	446	-.229	.133	.094	-.896
200	318	.284	.115	.094	-.823	20	420	-.298	.109	.085	-.713	20	447	-.229	.133	.094	-.896
200	319	.287	.117	.077	-.887	20	421	-.303	.106	.037	-.697	20	448	-.229	.133	.094	-.896
200	320	.299	.119	.078	-.894	20	422	-.324	.109	.036	-.714	20	449	-.229	.133	.094	-.896
200	321	.251	.112	.105	-.691	20	423	-.329	.112	.019	-.748	20	450	-.229	.133	.094	-.896
200	322	.293	.119	.079	-.970	20	424	-.335	.120	.149	-.742	20	451	-.229	.133	.094	-.896
200	323	.240	.113	.131	-.667	20	425	-.341	.124	.152	-.892	20	452	-.229	.133	.094	-.896
200	324	.247	.107	.286	-.595	20	426	-.273	.114	.065	-.726	20	453	-.229	.133	.094	-.896
200	325	.260	.105	.278	-.610	20	427	-.344	.129	.230	-.867	20	454	-.229	.133	.094	-.896
200	326	.274	.109	.285	-.696	20	428	-.279	.130	.158	-.734	20	455	-.229	.133	.094	-.896
200	327	.282	.113	.268	-.831	20	429	-.270	.127	.174	-.727	20	456	-.229	.133	.094	-.896
200	328	.268	.120	.191	-.691	20	430	-.271	.126	.187	-.750	20	457	-.229	.133	.094	-.896
200	329	.228	.114	.205	-.626	20	431	-.288	.121	.126	-.691	20	458	-.229	.133	.094	-.896
200	330	.268	.121	.132	-.704	20	432	-.317	.110	.020	-.740	20	459	-.229	.133	.094	-.896
200	331	.241	.117	.206	-.635	20	433	-.331	.111	.003	-.732	20	460	-.229	.133	.094	-.896
200	332	.266	.112	.120	-.633	20	434	-.340	.119	.062	-.819	20	461	-.229	.133	.094	-.896
200	333	.282	.110	.113	-.655	20	435	-.352	.132	.045	-.665	20	462	-.229	.133	.094	-.896
200	334	.289	.116	.113	-.770	20	436	-.343	.131	.155	-.857	20	463	-.229	.133	.094	-.896
200	335	.297	.121	.103	-.018	20	437	-.249	.106	.132	-.600	20	464	-.229	.133	.094	-.896
200	336	.291	.111	.038	-.854	20	438	-.344	.138	.192	-.997	20	465	-.229	.133	.094	-.896
200	337	.258	.098	.029	-.625	20	439	-.243	.109	.155	-.613	20	466	-.229	.133	.094	-.896
200	338	.299	.102	.024	-.723	20	440	-.236	.107	.214	-.757	20	467	-.229	.133	.094	-.896
200	339	.266	.102	.033	-.635	20	441	-.232	.104	.229	-.644	20	468	-.229	.133	.094	-.896
200	340	.273	.104	.072	-.612	20	442	-.255	.107	.229	-.637	20	469	-.229	.133	.094	-.896
200	341	.270	.101	.084	-.623	20	443	-.282	.110	.190	-.677	20	470	-.229	.133	.094	-.896
200	342	.283	.101	.065	-.668	20	444	-.315	.115	.058	-.835	20	471	-.229	.133	.094	-.896
200	343	.282	.101	.049	-.689	20	445	-.323	.124	.057	-.730	20	472	-.229	.133	.094	-.896
200	344	.270	.105	.072	-.657	20	446	-.345	.144	.059	-.198	20	473	-.229	.133	.094	-.896
200	345	.240	.108	.120	-.674	20	447	-.380	.150	.089	-.147	20	474	-.229	.133	.094	-.896
200	346	.244	.108	.100	-.642	20	448	-.259	.111	.136	-.673	20	475	-.229	.133	.094	-.896
200	347	.264	.104	.077	-.632	20	449	-.369	.146	.037	-.115	20	476	-.229	.133	.094	-.896
200	348	.266	.104	.099	-.611	20	450	-.271	.112	.099	-.736	20	477	-.229	.133	.094	-.896
200	401	.331	.130	.093	-.1071	20	451	-.291	.119	.120	-.672	20	478	-.229	.133	.094	-.896
200	402	.306	.140	.181	-.1115	20	452	-.273	.105	.109	-.596	20	479	-.229	.133	.094	-.896
200	403	.312	.133	.128	-.982	20	453	-.276	.102	.039	-.645	20	480	-.229	.133	.094	-.896
200	404	.320	.135	.189	-.837	20	454	-.294	.104	.023	-.678	20	481	-.229	.133	.094	-.896
200	405	.319	.126	.122	-.758	20	455	-.301	.117	.099	-.683	20	482	-.229	.133	.094	-.896
200	406	.339	.126	.091	-.799	20	456	-.317	.138	.121	-.885	20	483	-.229	.133	.094	-.896
200	407	.344	.127	.053	-.853	20	457	-.370	.153	.106	-.119	20	484	-.229	.133	.094	-.896
200	408	.352	.129	.125	-.999	20	458	-.386	.160	.107	-.184	20	485	-.229	.133	.094	-.896
200	409	.355	.134	.095	-.1050	20	459	-.279	.109	.109	-.649	20	486	-.229	.133	.094	-.896
200	410	.355	.131	.119	-.812	20	460	-.364	.157	.101	-.550	20	487	-.229	.133	.094	-.896
200	411	.357	.128	.067	-.828	20	461	-.288	.106	.063	-.799	20	488	-.229	.133	.094	-.896
200	412	.357	.134	.054	-.1052	20	462	-.288	.106	.052	-.660	20	489	-.229	.133	.094	-.896
200	413	.366	.124	.094	-.861	20	463	-.277	.105	.053	-.637	20	490	-.229	.133	.094	-.896
200	414	.361	.116	.060	-.765	20	464	-.293	.106	.019	-.731	20	491	-.229	.133	.094	-.896
200	415	.355	.114	.018	-.748	20	465	-.298	.105	.002	-.726	20	492	-.229	.133	.094	-.896
200	416	.349	.124	.085	-.743	20	466	-.305	.109	.010	-.779	20	493	-.229	.133	.094	-.896
200	417	.294	.120	.125	-.732	20	467	-.313	.117	.000	-.891	20	494	-.229	.133	.094	-.896

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	549	.306	.138	.893	-.081	30	119	.267	.135	.712	-.271	30	169	.251	.164	.947	-.199
20	550	.193	.138	.687	-.438	30	120	.210	.124	.625	-.286	30	170	.328	.159	1.075	-.105
20	551	.242	.130	.748	-.190	30	121	.173	.132	.651	-.275	30	171	.334	.149	.886	-.109
20	552	-.388	.150	.320	-.984	30	122	-.118	.151	.411	-.637	30	172	.262	.140	.838	-.153
20	553	.304	.142	.317	-.912	30	123	.139	.163	.690	-.417	30	173	.153	.130	.635	-.235
20	554	.323	.136	.868	-.104	30	124	.390	.183	1.034	-.227	30	174	.141	.116	.616	-.226
20	555	.273	.126	.850	-.134	30	125	.494	.186	1.027	-.068	30	175	.168	.111	.582	-.223
20	556	.305	.139	.870	-.128	30	126	.482	.173	.964	-.061	30	176	.177	.129	.257	-.609
20	901	.274	.156	.873	-.205	30	127	.393	.165	.907	-.195	30	177	-.233	.122	.232	-.657
20	902	.429	.165	.975	-.025	30	128	.271	.153	.829	-.266	30	178	-.224	.105	.130	-.679
20	903	.437	.180	.986	-.110	30	129	.221	.138	.703	-.307	30	179	-.214	.105	.120	-.678
20	904	-.250	.104	.177	-.598	30	130	.196	.130	.682	-.322	30	180	-.144	.137	.344	-.617
20	905	.177	.129	.226	-.734	30	131	-.095	.131	.299	-.512	30	181	-.220	.109	.141	-.553
20	906	.232	.141	.709	-.156	30	132	-.220	.120	.172	-.653	30	182	-.096	.136	.463	-.603
20	907	.351	.157	.864	-.079	30	133	-.279	.109	.144	-.698	30	183	.066	.121	.503	-.344
20	908	.226	.133	.657	-.156	30	134	-.270	.109	.166	-.693	30	184	.238	.120	.775	-.154
20	909	.184	.117	.654	-.173	30	135	-.120	.153	.442	-.761	30	185	.281	.120	.855	-.064
30	1	-.390	.143	.340	-1.013	30	136	-.250	.109	.118	-.677	30	186	.320	.124	.898	-.024
30	2	-.404	.217	.437	-1.472	30	137	.171	.160	.400	-.714	30	187	.183	.107	.604	-.119
30	3	-.402	.180	.122	-1.212	30	138	.032	.162	.694	-.500	30	188	.992	.117	.789	-.072
30	4	-.438	.158	.067	-1.113	30	139	.340	.181	.888	-.279	30	189	.233	.125	.723	-.306
30	5	-.422	.145	.061	-.900	30	140	.477	.181	1.045	-.171	30	190	.336	.118	.864	-.030
30	6	-.466	.166	.034	-1.127	30	141	.457	.162	1.094	-.003	30	191	.287	.120	.762	-.063
30	7	-.372	.203	.455	-1.306	30	142	.353	.148	.883	-.134	30	192	.202	.120	.639	-.221
30	8	-.437	.179	.049	-1.249	30	143	.235	.142	.715	-.220	30	193	.186	.111	.571	-.155
30	9	-.470	.186	.012	-1.206	30	144	.209	.130	.700	-.184	30	194	.150	.101	.532	-.164
30	10	-.427	.188	.049	-1.048	30	145	.190	.122	.619	-.218	30	195	-.125	.109	.267	-.527
30	11	-.367	.179	.202	-1.146	30	146	-.131	.126	.271	-.601	30	196	-.214	.106	.145	-.690
30	12	-.343	.178	.292	-1.253	30	147	-.230	.113	.113	-.633	30	197	-.217	.107	.099	-.581
30	13	-.367	.169	.216	-1.124	30	148	-.252	.104	.072	-.619	30	198	-.219	.106	.095	-.578
30	14	-.405	.174	.241	-1.132	30	149	-.241	.108	.145	-.701	30	199	-.172	.123	.688	-.168
30	101	-.454	.177	.125	-1.219	30	150	-.137	.155	.346	-.816	30	200	.324	.135	.816	-.080
30	102	-.156	.134	.352	-.673	30	151	-.225	.105	.145	-.620	30	201	.331	.141	.975	-.090
30	103	-.010	.139	.490	-.515	30	152	-.178	.157	.301	-.816	30	202	.352	.136	.834	-.042
30	104	.135	.147	.588	-.360	30	153	-.001	.148	.529	-.507	30	203	.301	.137	.787	-.088
30	105	.185	.149	.656	-.302	30	154	.295	.158	.807	-.256	30	204	.222	.132	.683	-.186
30	106	.183	.149	.642	-.429	30	155	.423	.165	.988	-.073	30	205	.191	.122	.717	-.239
30	107	.098	.134	.632	-.301	30	156	.422	.164	1.032	-.059	30	206	.194	.116	.579	-.225
30	108	.059	.126	.538	-.540	30	157	.325	.152	.863	-.186	30	207	-.076	.115	.302	-.441
30	109	.018	.117	.435	-.615	30	158	.206	.144	.638	-.250	30	208	-.273	.117	.158	-.711
30	110	-.183	.126	.396	-.474	30	159	.186	.130	.595	-.219	30	209	-.150	.109	.219	-.618
30	111	-.278	.119	.243	-.619	30	160	-.162	.122	.566	-.183	30	301	-.253	.113	.208	-.560
30	112	-.331	.123	.119	-.783	30	161	-.131	.123	.317	-.637	30	302	-.266	.110	.267	-.595
30	113	-.287	.117	.062	-.768	30	162	-.232	.109	.133	-.733	30	303	-.268	.127	.169	-.698
30	114	.257	.166	.841	-.270	30	163	-.223	.104	.093	-.691	30	304	-.270	.129	.230	-.985
30	115	.364	.182	1.019	-.167	30	164	-.212	.104	.116	-.688	30	305	-.254	.128	.238	-.912
30	116	.495	.182	1.037	-.062	30	165	-.161	.153	.413	-.860	30	306	-.272	.127	.228	-.861
30	117	.467	.164	.984	-.016	30	166	-.210	.097	.086	-.553	30	307	-.244	.109	.192	-.648
30	118	.368	.144	.870	-.142	30	167	-.159	.149	.372	-.776	30	308	-.233	.112	.121	-.635
30						30	168	-.020	.146	.569	-.552	30	309	-.236	.112	.108	-.605

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN
30	310	260	121	119	680	30	412	392	147	080	-1 041	30	462	258	106	070	-718
30	311	251	121	115	690	30	413	383	135	060	-1 882	30	463	250	104	088	-671
30	312	276	117	096	690	30	414	350	124	036	-1 765	30	464	268	106	098	-580
30	313	236	106	114	576	30	415	338	124	043	-1 745	30	465	268	107	133	-606
30	314	262	106	112	593	30	416	321	130	096	-1 777	30	466	275	113	123	-678
30	315	226	104	108	577	30	417	285	122	098	-1 772	30	467	286	124	132	-878
30	316	229	108	126	643	30	418	272	121	110	-1 691	30	468	330	159	074	-106
30	317	235	107	120	638	30	419	263	117	100	-1 636	30	469	265	142	177	-909
30	318	243	107	144	633	30	420	282	118	121	-1 688	30	501	403	208	361	-1 258
30	319	244	108	142	694	30	421	287	116	113	-1 674	30	502	394	183	332	-1 117
30	320	243	105	109	622	30	422	295	119	114	-1 702	30	503	419	198	172	-1 427
30	321	201	099	134	553	30	423	294	123	101	-1 767	30	504	434	180	069	-1 186
30	322	229	101	112	580	30	424	317	131	155	-1 772	30	505	518	231	009	-1 756
30	323	188	098	167	551	30	425	332	139	167	-1 822	30	506	518	242	012	-1 737
30	324	205	096	128	643	30	426	327	115	060	-1 703	30	507	372	186	257	-1 315
30	325	212	096	114	649	30	427	327	146	175	-1 962	30	508	362	168	184	-1 214
30	326	222	099	101	715	30	428	266	107	059	-1 685	30	509	393	182	100	-1 528
30	327	225	102	108	758	30	429	266	104	070	-1 687	30	510	433	180	080	-1 340
30	328	224	098	127	616	30	430	265	103	104	-1 601	30	511	443	191	014	-1 486
30	329	185	096	146	528	30	431	284	102	065	-1 629	30	512	483	205	030	-1 678
30	330	218	102	130	903	30	432	287	110	076	-1 713	30	513	432	176	027	-1 203
30	331	196	099	117	569	30	433	297	112	119	-1 670	30	514	431	177	002	-1 262
30	332	212	104	147	643	30	434	292	123	150	-1 698	30	515	371	199	221	-1 392
30	333	223	103	141	631	30	435	302	139	210	-1 814	30	516	446	222	073	-1 322
30	334	231	109	147	698	30	436	333	148	082	-1 898	30	517	369	206	198	-1 380
30	335	233	115	146	828	30	437	258	107	114	-1 600	30	518	368	191	194	-1 240
30	336	244	121	220	816	30	438	330	153	106	-1 158	30	519	406	212	192	-1 574
30	337	231	105	103	558	30	439	245	110	149	-1 603	30	520	457	215	128	-1 517
30	338	267	105	074	609	30	440	228	112	154	-1 606	30	521	499	256	041	-1 922
30	339	237	107	136	550	30	441	236	107	138	-1 598	30	522	487	251	022	-1 910
30	340	233	111	138	542	30	442	256	107	140	-1 623	30	523	370	207	215	-1 507
30	341	237	109	122	598	30	443	280	111	133	-1 568	30	524	466	231	121	-1 650
30	342	240	111	125	598	30	444	284	120	092	-1 729	30	525	354	191	238	-1 159
30	343	242	112	140	613	30	445	294	132	152	-1 879	30	526	358	177	219	-1 078
30	344	244	105	089	800	30	446	304	152	189	-1 175	30	527	393	210	192	-1 555
30	345	221	105	132	663	30	447	323	147	072	-1 965	30	528	454	216	177	-1 333
30	346	222	105	126	720	30	448	221	117	118	-1 629	30	529	507	272	021	-1 785
30	347	239	105	084	603	30	449	331	161	102	-1 076	30	530	507	265	030	-1 703
30	348	237	115	067	603	30	450	228	117	134	-1 687	30	531	332	188	227	-1 243
30	401	303	121	074	747	30	451	258	107	130	-1 647	30	532	507	252	027	-1 486
30	402	293	145	215	865	30	452	245	106	101	-1 652	30	533	308	170	450	-1 094
30	403	295	148	175	835	30	453	266	106	033	-1 649	30	534	309	168	468	-1 119
30	404	313	145	136	919	30	454	276	109	040	-1 683	30	535	356	174	146	-1 172
30	405	323	141	076	160	30	455	278	122	107	-1 883	30	536	444	188	068	-1 720
30	406	330	142	099	119	30	456	310	144	198	-1 064	30	537	573	256	045	-1 979
30	407	340	142	132	043	30	457	377	172	217	-1 183	30	538	568	254	042	-1 755
30	408	345	148	116	944	30	458	381	179	226	-1 198	30	539	300	166	168	-1 966
30	409	353	157	131	889	30	459	277	121	141	-1 746	30	540	523	264	074	-1 849
30	410	361	144	167	894	30	460	306	146	111	-1 165	30	541	261	146	185	-1 831
30	411	363	140	150	836	30	461	255	106	056	-1 707	30	542	263	157	235	-1 851



APPENDIX A -- PRESSURE DATA: CONFIGURATION A: PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	543	-.320	.182	.206	-1.354	40	113	-.245	.118	.167	-.691	40	163	-.204	.100	.173	-.539
30	544	-.360	.168	.141	-.986	40	114	-.314	.173	.944	-.233	40	164	-.193	.101	.184	-.534
30	545	-.410	.180	.358	-1.051	40	115	-.445	.190	1.135	-.089	40	165	-.118	.165	.448	-.770
30	546	-.434	.185	.376	-1.177	40	116	-.510	.187	1.062	-.052	40	166	-.183	.103	.149	-.630
30	547	-.353	.166	.229	-1.170	40	117	-.397	.158	.919	-.112	40	167	-.100	.153	.397	-.662
30	548	-.365	.156	.170	-1.222	40	118	-.257	.140	.683	-.204	40	168	-.046	.145	.542	-.487
30	549	-.314	.136	.850	-.073	40	119	-.146	.130	.572	-.251	40	169	-.296	.142	.873	-.161
30	550	-.198	.144	.698	-.535	40	120	-.100	.119	.470	-.261	40	170	-.348	.135	.913	-.044
30	551	-.248	.129	.733	-.195	40	121	-.079	.120	.502	-.274	40	171	-.306	.134	.798	-.144
30	552	-.343	.167	.272	-.929	40	122	-.135	.157	.480	-.668	40	172	-.196	.134	.602	-.291
30	553	-.266	.163	.265	-.832	40	123	-.189	.171	.831	-.391	40	173	-.082	.131	.544	-.358
30	554	-.329	.133	.832	-.143	40	124	-.444	.192	1.110	-.146	40	174	-.086	.113	.511	-.278
30	555	-.266	.125	.774	-.152	40	125	-.513	.178	1.024	-.046	40	175	-.076	.105	.498	-.274
30	556	-.313	.132	.955	-.068	40	126	-.413	.155	.862	-.079	40	176	-.211	.117	.241	-.569
30	901	-.184	.137	.608	-.244	40	127	-.249	.144	.667	-.192	40	177	-.249	.111	.104	-.634
30	902	-.373	.151	.899	-.094	40	128	-.111	.130	.529	-.258	40	178	-.186	.102	.154	-.544
30	903	-.475	.181	1.065	-.105	40	129	-.111	.118	.593	-.360	40	179	-.174	.102	.228	-.524
30	904	-.229	.106	.123	-.587	40	130	-.110	.113	.586	-.304	40	180	-.059	.148	.552	-.668
30	905	-.187	.128	.265	-.575	40	131	-.203	.115	.225	-.592	40	181	-.185	.104	.155	-.535
30	906	-.186	.134	.678	-.200	40	132	-.282	.110	.163	-.656	40	182	-.003	.165	.654	-.491
30	907	-.317	.151	.872	-.098	40	133	-.251	.108	.076	-.625	40	183	-.145	.144	.697	-.298
30	908	-.261	.133	.736	-.142	40	134	-.228	.107	.069	-.588	40	184	-.269	.129	.748	-.122
30	909	-.219	.117	.610	-.155	40	135	-.135	.171	.407	-.741	40	185	-.282	.128	.740	-.103
30	910	-.321	.163	.344	-.892	40	136	-.217	.106	.077	-.557	40	186	-.273	.135	.802	-.209
40	1	-.352	.211	.397	-1.202	40	137	-.168	.170	.454	-.959	40	187	-.220	.119	.656	-.177
40	2	-.409	.173	.150	-1.524	40	138	-.105	.169	.642	-.510	40	188	-.290	.125	.786	-.100
40	3	-.457	.172	.097	-1.525	40	139	-.416	.187	1.003	-.144	40	189	-.246	.118	.751	-.474
40	4	-.475	.158	.022	-1.012	40	140	-.490	.184	1.152	-.057	40	190	-.285	.122	.699	-.088
40	5	-.582	.195	-.015	-1.365	40	141	-.405	.146	.992	-.040	40	191	-.211	.121	.603	-.172
40	6	-.311	.183	.316	-1.090	40	142	-.244	.137	.745	-.173	40	192	-.114	.114	.481	-.287
40	7	-.466	.185	.136	-1.467	40	143	-.102	.132	.553	-.303	40	193	-.106	.110	.603	-.244
40	8	-.585	.186	-.010	-1.342	40	144	-.099	.117	.523	-.266	40	194	-.091	.101	.452	-.254
40	9	-.473	.174	.266	-1.173	40	145	-.110	.108	.489	-.284	40	195	-.174	.110	.211	-.582
40	10	-.336	.180	.347	-1.109	40	146	-.244	.118	.180	-.662	40	196	-.229	.110	.164	-.622
40	11	-.270	.170	.279	-.974	40	147	-.285	.108	.107	-.690	40	197	-.207	.102	.128	-.549
40	12	-.295	.172	.372	-.913	40	148	-.232	.105	.160	-.614	40	198	-.194	.099	.122	-.497
40	13	-.324	.183	.356	-1.097	40	149	-.207	.093	.109	-.539	40	199	-.214	.126	.734	-.179
40	14	-.482	.189	.395	-1.251	40	150	-.112	.165	.426	-.689	40	200	-.303	.124	.794	-.119
40	101	-.129	.158	.447	-.671	40	151	-.195	.091	.134	-.546	40	201	-.321	.133	.904	-.013
40	102	-.035	.162	.633	-.489	40	152	-.146	.161	.414	-.709	40	202	-.302	.143	.779	-.164
40	103	-.146	.164	.787	-.374	40	153	-.072	.154	.640	-.439	40	203	-.215	.146	.754	-.209
40	104	-.156	.156	.669	-.335	40	154	-.378	.159	.928	-.128	40	204	-.120	.145	.628	-.306
40	105	-.114	.147	.575	-.356	40	155	-.453	.155	1.008	-.042	40	205	-.114	.117	.665	-.234
40	106	-.011	.127	.480	-.457	40	156	-.388	.139	.840	-.003	40	206	-.137	.110	.625	-.198
40	107	-.103	.116	.377	-.500	40	157	-.220	.145	.808	-.274	40	207	-.133	.115	.297	-.543
40	108	-.116	.108	.314	-.459	40	158	-.082	.131	.507	-.387	40	208	-.274	.117	.092	-.769
40	109	-.063	.114	.377	-.446	40	159	-.080	.118	.456	-.359	40	209	-.161	.102	.258	-.458
40	110	-.223	.107	.371	-.625	40	160	-.085	.112	.439	-.278	40	301	-.208	.111	.258	-.593
40	111	-.286	.116	.137	-.753	40	161	-.236	.116	.323	-.644	40	302	-.216	.116	.282	-.619
40	112	-.289	.117	.093	-.801	40	162	-.271	.104	.127	-.648	40	303	-.223	.123	.256	-.727

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	304	.224	.134	.228	.084	40	406	.259	.139	.161	-.969	40	456	.240	.128	.100	-.717
40	305	.215	.130	.197	.074	40	407	.247	.133	.294	-1.024	40	457	.290	.153	.103	-1.100
40	306	.225	.131	.193	.078	40	408	.262	.136	.148	-.991	40	458	.285	.156	.125	-1.176
40	307	.210	.116	.151	.059	40	409	.272	.139	.142	-1.006	40	459	.283	.114	.117	-.656
40	308	.217	.111	.177	.053	40	410	.296	.127	.168	-.799	40	460	.243	.122	.191	-.831
40	309	.219	.112	.177	.057	40	411	.289	.124	.162	-.783	40	461	.237	.101	.069	-.587
40	310	.240	.118	.192	.067	40	412	.305	.132	.136	-.752	40	462	.236	.102	.064	-.593
40	311	.236	.118	.184	.061	40	413	.283	.123	.181	-.702	40	463	.230	.100	.090	-.604
40	312	.230	.116	.126	.064	40	414	.277	.116	.139	-.697	40	464	.239	.098	.127	-.609
40	313	.235	.105	.167	.059	40	415	.253	.117	.113	-.777	40	465	.236	.098	.142	-.598
40	314	.218	.109	.133	.049	40	416	.234	.125	.274	-.680	40	466	.234	.102	.146	-.574
40	315	.193	.103	.151	.053	40	417	.235	.114	.183	-.701	40	467	.234	.109	.155	-.654
40	316	.193	.099	.186	.059	40	418	.230	.115	.196	-.732	40	468	.267	.148	.175	-.882
40	317	.193	.097	.143	.053	40	419	.213	.109	.207	-.595	40	469	.231	.131	.193	-.682
40	318	.202	.097	.127	.052	40	420	.237	.108	.139	-.629	40	501	.276	.192	.303	-1.124
40	319	.204	.098	.143	.053	40	421	.239	.106	.118	-.640	40	502	.278	.193	.354	-1.180
40	320	.227	.103	.154	.057	40	422	.239	.108	.115	-.674	40	503	.499	.186	.231	-1.333
40	321	.183	.103	.161	.053	40	423	.230	.112	.154	-.700	40	504	.499	.174	.045	-1.351
40	322	.183	.102	.118	.048	40	424	.237	.125	.193	-.730	40	505	.499	.260	.019	-1.707
40	323	.175	.105	.160	.051	40	425	.251	.131	.227	-.793	40	506	.823	.278	.080	-1.861
40	324	.182	.096	.168	.049	40	426	.247	.114	.208	-.645	40	507	.277	.182	.419	-1.521
40	325	.182	.093	.122	.050	40	427	.245	.140	.256	-1.657	40	508	.276	.176	.316	-1.169
40	326	.182	.093	.143	.053	40	428	.237	.102	.132	-.621	40	509	.356	.193	.351	-1.402
40	327	.188	.093	.115	.053	40	429	.234	.099	.110	-.640	40	510	.502	.204	.104	-1.280
40	328	.183	.102	.187	.044	40	430	.234	.098	.101	-.689	40	511	.502	.264	.015	-1.528
40	329	.147	.101	.172	.053	40	431	.243	.098	.091	-.697	40	512	.776	.279	.033	-1.859
40	330	.170	.103	.158	.050	40	432	.246	.102	.114	-.694	40	513	.776	.218	.106	-1.416
40	331	.156	.105	.262	.050	40	433	.234	.103	.127	-.694	40	514	.639	.234	.020	-1.330
40	332	.162	.112	.247	.051	40	434	.227	.112	.181	-.647	40	515	.392	.197	.257	-1.344
40	333	.162	.111	.252	.052	40	435	.231	.126	.226	-.703	40	516	.719	.309	.052	-1.888
40	334	.170	.115	.250	.053	40	436	.225	.140	.201	-.665	40	517	.286	.198	.278	-1.362
40	335	.166	.114	.263	.053	40	437	.201	.110	.180	-.600	40	518	.290	.191	.302	-1.199
40	336	.198	.111	.150	.044	40	438	.224	.140	.200	-.857	40	519	.352	.216	.277	-1.530
40	337	.190	.101	.138	.045	40	439	.188	.111	.178	-.574	40	520	.484	.220	.139	-1.973
40	338	.227	.106	.113	.050	40	440	.206	.097	.121	-.584	40	521	.676	.303	.093	-2.054
40	339	.195	.103	.117	.050	40	441	.236	.094	.125	-.522	40	522	.676	.299	.083	-2.001
40	340	.171	.100	.136	.051	40	442	.232	.098	.081	-.559	40	523	.272	.201	.293	-1.400
40	341	.178	.100	.166	.046	40	443	.239	.097	.088	-.531	40	524	.272	.300	.003	-1.972
40	342	.181	.102	.182	.053	40	444	.233	.101	.094	-.581	40	525	.250	.196	.246	-1.310
40	343	.179	.101	.178	.051	40	445	.226	.110	.106	-.661	40	526	.374	.184	.284	-1.109
40	344	.194	.100	.165	.052	40	446	.224	.121	.143	-.676	40	527	.314	.196	.280	-1.431
40	345	.182	.100	.206	.057	40	447	.247	.146	.217	-.998	40	528	.456	.209	.082	-1.555
40	346	.182	.100	.193	.048	40	448	.192	.103	.162	-.929	40	529	.709	.308	.037	-1.840
40	347	.190	.099	.166	.048	40	449	.251	.130	.135	-.903	40	530	.704	.304	.000	-2.036
40	348	.183	.104	.215	.053	40	450	.195	.105	.196	-.955	40	531	.227	.167	.227	-1.649
40	349	.232	.126	.134	.099	40	451	.232	.109	.102	-.648	40	532	.685	.291	.092	-1.889
40	350	.249	.133	.148	.099	40	452	.201	.100	.129	-.577	40	533	.212	.151	.188	-.914
40	351	.249	.140	.151	.077	40	453	.221	.098	.078	-.521	40	534	.211	.153	.224	-.878
40	352	.249	.127	.159	.077	40	454	.223	.100	.103	-.544	40	535	.269	.173	.206	-1.101
40	353	.242	.136	.193	.099	40	455	.220	.115	.127	-.550	40	536	.996	.187	.120	-1.261

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	537	-.631	.272	1.140	-1.778	50	107	-.190	.115	1.196	-.635	50	157	-.091	.135	1.586	-.496
40	538	-.633	.266	.034	-1.770	50	108	-.162	.109	.203	-.528	50	158	-.058	.127	.350	-.604
40	539	-.184	.138	1.186	-.686	50	109	-.090	.111	.304	-.452	50	159	-.025	.114	.374	-.516
40	540	-.617	.241	-.076	-1.970	50	110	-.243	.106	.139	-.613	50	160	-.020	.104	.387	-.379
40	541	-.183	.135	.229	-.618	50	111	-.271	.116	.192	-.669	50	161	-.306	.121	.023	-.839
40	542	-.175	.147	.312	-.695	50	112	-.254	.126	.217	-.766	50	162	-.298	.111	.062	-.768
40	543	-.234	.177	.226	-1.109	50	113	-.227	.120	.173	-.796	50	163	-.201	.101	.160	-.615
40	544	-.304	.163	.173	-.964	50	114	-.407	.182	1.149	-.070	50	164	-.186	.101	.173	-.590
40	545	-.350	.180	.314	-.980	50	115	-.416	.187	1.146	-.021	50	165	-.015	.175	.726	-.683
40	546	-.391	.182	.314	-1.032	50	116	-.497	.168	1.075	-.034	50	166	-.177	.108	.148	-.589
40	547	-.275	.191	.631	-.836	50	117	-.292	.145	.923	-.189	50	167	-.025	.167	.635	-.527
40	548	-.319	.165	.415	-.878	50	118	-.119	.131	.631	-.254	50	168	-.159	.165	.843	-.335
40	549	-.330	.122	.889	-.042	50	119	-.012	.119	.502	-.348	50	169	-.350	.147	1.056	-.070
40	550	-.237	.129	.685	-.286	50	120	-.010	.108	.432	-.338	50	170	-.331	.135	.855	-.091
40	551	-.285	.133	.775	-.222	50	121	-.004	.107	.348	-.402	50	171	-.227	.132	.764	-.160
40	552	-.261	.168	.284	-.776	50	122	-.002	.177	.616	-.550	50	172	-.074	.133	.571	-.480
40	553	-.166	.159	.329	-.685	50	123	.312	.187	.905	-.223	50	173	-.048	.126	.341	-.480
40	554	-.342	.132	.838	-.102	50	124	.499	.198	1.112	-.057	50	174	-.019	.109	.318	-.380
40	555	-.303	.126	.766	-.049	50	125	.465	.176	1.041	-.053	50	175	-.005	.099	.332	-.308
40	5556	-.347	.145	.946	-.076	50	126	.310	.150	.798	-.270	50	176	-.294	.122	.111	-.790
40	901	-.073	.137	.521	-.429	50	127	.124	.137	.527	-.402	50	177	-.256	.108	.080	-.632
40	902	-.286	.158	.849	-.176	50	128	-.010	.126	.395	-.471	50	178	-.173	.100	.172	-.539
40	903	-.477	.188	1.057	-.090	50	129	-.010	.109	.363	-.382	50	179	-.154	.102	.190	-.517
40	904	-.184	.107	.247	-.541	50	130	-.025	.101	.397	-.309	50	180	-.047	.163	.668	-.467
40	905	-.200	.105	.203	-.538	50	131	-.291	.109	.098	-.693	50	181	-.171	.106	.350	-.612
40	906	-.122	.106	.534	-.235	50	132	-.319	.105	.066	-.704	50	182	-.089	.161	.796	-.421
40	907	-.235	.122	.651	-.180	50	133	-.250	.107	.165	-.619	50	183	-.213	.141	.881	-.197
40	908	-.280	.119	.728	-.069	50	134	-.221	.104	.132	-.600	50	184	-.301	.124	.820	-.115
40	909	-.263	.127	.700	-.090	50	135	-.019	.195	.728	-.569	50	185	-.280	.117	.686	-.114
40	910	-.280	.173	.395	-.786	50	136	-.221	.108	.124	-.680	50	186	-.197	.122	.583	-.201
50	1	-.234	.167	.306	-.915	50	137	-.001	.190	.832	-.569	50	187	-.261	.120	.655	-.127
50	2	-.342	.165	.139	-1.622	50	138	-.253	.180	.999	-.279	50	188	-.301	.118	.704	-.076
50	3	-.501	.193	.047	-1.407	50	139	-.488	.172	.990	-.003	50	189	-.284	.121	.722	-.115
50	4	-.574	.148	-.025	-1.246	50	140	-.475	.154	.997	-.003	50	190	-.213	.127	.673	-.211
50	5	-.795	.184	-.148	-1.345	50	141	-.304	.144	.784	-.147	50	191	-.109	.124	.573	-.329
50	6	-.232	.155	.382	-1.120	50	142	-.094	.137	.535	-.288	50	192	-.001	.123	.481	-.446
50	7	-.455	.180	.338	-1.063	50	143	-.047	.128	.351	-.473	50	193	-.017	.104	.380	-.327
50	8	-.617	.172	.050	-1.266	50	144	-.017	.114	.367	-.435	50	194	-.022	.096	.373	-.288
50	9	-.372	.181	.178	-1.227	50	145	-.040	.103	.379	-.276	50	195	-.236	.100	.103	-.561
50	10	-.252	.157	.281	-.873	50	146	-.333	.125	.058	-.719	50	196	-.237	.097	.102	-.559
50	11	-.161	.153	.421	-.705	50	147	-.317	.115	.091	-.710	50	197	-.154	.094	.183	-.504
50	12	-.150	.156	.546	-.700	50	148	-.229	.106	.174	-.569	50	198	-.143	.092	.182	-.497
50	13	-.125	.144	.393	-.786	50	149	-.201	.100	.157	-.517	50	199	-.261	.136	.750	-.161
50	14	-.426	.178	.162	-1.085	50	150	-.016	.175	.712	-.549	50	200	-.303	.121	.768	-.114
50	101	-.013	.175	.581	-.662	50	151	-.184	.099	.168	-.514	50	201	-.313	.120	.803	-.062
50	102	-.124	.174	.683	-.486	50	152	-.013	.174	.605	-.510	50	202	-.237	.133	.695	-.314
50	103	-.168	.165	.733	-.339	50	153	-.170	.168	.849	-.281	50	203	-.122	.126	.581	-.357
50	104	-.133	.151	.650	-.454	50	154	-.398	.159	1.068	-.078	50	204	-.019	.126	.450	-.427
50	105	-.058	.133	.525	-.388	50	155	-.411	.146	.920	-.008	50	205	-.022	.106	.436	-.331
50	106	-.076	.119	.349	-.508	50	156	-.289	.135	.753	-.151	50	206	-.064	.098	.432	-.260



APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	531	-.142	.130	.221	-1.117	60	101	.205	.172	.809	-.376	60	151	-.177	.098	.232	-.525
60	532	-.652	.245	.255	-1.754	60	102	.267	.167	.874	-.295	60	152	.176	.174	.876	-.349
60	533	-.145	.124	.360	-.973	60	103	.209	.156	.745	-.279	60	153	.322	.169	.931	-.141
60	534	-.136	.131	.279	-.862	60	104	.123	.139	.575	-.318	60	154	.422	.157	.948	-.015
60	535	-.142	.132	.262	-1.015	60	105	.001	.119	.385	-.465	60	155	.346	.141	.842	-.038
60	536	-.267	.156	.107	-1.202	60	106	-.139	.104	.211	-.528	60	156	.156	.124	.626	-.185
60	537	-.546	.264	.261	-1.577	60	107	-.230	.104	.123	-.614	60	157	-.059	.126	.403	-.509
60	538	-.574	.234	.150	-1.773	60	108	-.162	.104	.169	-.497	60	158	-.185	.120	.263	-.621
60	539	-.118	.106	.252	-.690	60	109	-.082	.100	.226	-.436	60	159	-.128	.106	.270	-.493
60	540	-.489	.229	.244	-1.772	60	110	-.228	.096	.175	-.607	60	160	-.037	.090	.330	-.337
60	541	-.106	.109	.242	-.618	60	111	-.242	.110	.105	-.710	60	161	-.362	.123	.020	-.825
60	542	-.087	.121	.341	-.677	60	112	-.229	.137	.193	-.829	60	162	-.324	.116	.072	-.801
60	543	-.133	.147	.361	-1.013	60	113	-.209	.129	.186	-.829	60	163	-.199	.102	.124	-.620
60	544	-.197	.149	.298	-.810	60	114	-.504	.176	1.162	-.114	60	164	-.172	.100	.142	-.589
60	545	-.247	.187	.489	-.842	60	115	.512	.166	1.080	-.066	60	165	-.195	.162	.690	-.294
60	546	-.293	.189	.524	-.918	60	116	.383	.148	.965	-.064	60	166	-.153	.101	.197	-.501
60	547	-.133	.188	.432	-.848	60	117	.028	.133	.547	-.387	60	167	.177	.154	.711	-.333
60	548	-.178	.165	.411	-.789	60	118	-.131	.114	.319	-.385	60	168	.270	.147	.786	-.183
60	549	-.325	.123	.841	-.069	60	119	-.106	.101	.211	-.466	60	169	.341	.145	1.050	-.030
60	550	-.279	.123	.763	-.431	60	120	-.094	.092	.223	-.426	60	170	.252	.126	.856	-.129
60	551	-.233	.124	.782	-.149	60	121	-.074	.096	.296	-.377	60	171	.101	.118	.592	-.255
60	552	-.145	.184	.558	-.796	60	122	.282	.186	.893	-.489	60	172	-.068	.121	.360	-.544
60	553	-.081	.163	.529	-.715	60	123	.463	.182	.998	-.121	60	173	-.120	.119	.298	-.547
60	554	.304	.122	.805	-.041	60	124	.517	.175	1.102	-.031	60	174	-.072	.108	.317	-.468
60	555	.285	.128	.833	-.099	60	125	.377	.154	.910	-.176	60	175	-.020	.101	.349	-.366
60	556	.316	.137	.808	-.107	60	126	.166	.131	.574	-.233	60	176	-.297	.120	.157	-.667
60	901	-.048	.115	.329	-.433	60	127	-.039	.123	.461	-.499	60	177	-.282	.132	.139	-.750
60	902	.132	.132	.584	-.313	60	128	-.146	.114	.251	-.608	60	178	-.166	.116	.246	-.501
60	903	.415	.185	.966	-.194	60	129	-.099	.098	.251	-.454	60	179	-.139	.114	.274	-.485
60	904	.156	.104	.181	-.480	60	130	-.049	.093	.310	-.365	60	180	-.182	.159	.811	-.297
60	905	.199	.100	.124	-.532	60	131	-.328	.109	.001	-.701	60	181	-.122	.108	.261	-.475
60	906	.037	.102	.451	-.275	60	132	-.324	.111	.001	-.722	60	182	.175	.149	.765	-.267
60	907	.121	.127	.537	-.271	60	133	-.215	.103	.137	-.650	60	183	.255	.134	.762	-.144
60	908	.273	.108	.744	-.054	60	134	-.186	.099	.159	-.607	60	184	.295	.126	.847	-.123
60	909	.265	.116	.686	-.221	60	135	-.249	.186	.843	-.308	60	185	.257	.116	.766	-.057
60	910	-.162	.159	.480	-.683	60	136	-.193	.104	.220	-.598	60	186	.116	.115	.628	-.240
60	1	-.152	.134	.339	-.915	60	137	.232	.196	.914	-.387	60	187	.270	.116	.672	-.081
60	2	-.284	.149	.169	-.914	60	138	.411	.183	1.054	-.102	60	188	.293	.118	.753	-.018
60	3	-.397	.218	.352	-1.914	60	139	.523	.169	1.160	-.015	60	189	.274	.120	.698	-.085
60	4	-.511	.153	.009	-1.005	60	140	.418	.145	.974	-.107	60	190	.122	.122	.679	-.279
60	5	-.796	.189	-.165	-1.437	60	141	.181	.133	.642	-.226	60	191	.017	.114	.519	-.415
60	6	-.104	.146	.475	-.760	60	142	-.065	.131	.347	-.547	60	192	-.089	.111	.334	-.581
60	7	-.297	.186	.375	-1.059	60	143	-.193	.126	.221	-.621	60	193	-.045	.103	.350	-.414
60	8	-.541	.212	.172	-1.344	60	144	-.131	.113	.236	-.575	60	194	-.014	.094	.301	-.337
60	9	-.115	.135	.320	-.631	60	145	-.022	.097	.317	-.367	60	195	-.227	.106	.087	-.604
60	10	-.153	.140	.332	-.751	60	146	-.395	.122	.063	-.840	60	196	-.185	.106	.126	-.617
60	11	-.057	.133	.366	-.593	60	147	-.342	.119	.080	-.766	60	197	-.130	.098	.255	-.441
60	12	-.047	.117	.405	-.496	60	148	-.230	.110	.157	-.676	60	198	-.119	.096	.240	-.432
60	13	-.027	.115	.404	-.520	60	149	-.189	.098	.164	-.529	60	199	.312	.142	.892	-.105
60	14	-.341	.157	.264	-.947	60	150	.210	.175	.940	-.315	60	200	.306	.125	.829	-.097

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	201	.289	.128	.902	-.109	60	342	-.106	.104	.246	-.507	60	444	-.151	.107	.209	-.541
60	202	.130	.133	.689	-.322	60	343	-.103	.103	.245	-.471	60	445	-.130	.105	.199	-.513
60	203	.010	.113	.442	-.334	60	344	-.111	.110	.233	-.486	60	446	-.135	.106	.230	-.524
60	204	.092	.114	.334	-.334	60	345	-.100	.111	.227	-.469	60	447	-.132	.104	.214	-.501
60	205	.042	.106	.323	-.380	60	346	-.105	.112	.228	-.472	60	448	-.139	.129	.306	-.626
60	206	.017	.104	.409	-.333	60	347	-.105	.109	.210	-.454	60	449	-.133	.107	.459	-.459
60	207	.016	.107	.429	-.333	60	348	-.109	.104	.240	-.488	60	450	-.136	.134	.267	-.816
60	208	.181	.106	.161	-.333	60	401	-.210	.124	.182	-.845	60	451	-.215	.120	.209	-.814
60	209	.128	.106	.152	-.333	60	402	-.209	.150	.252	-.130	60	452	-.191	.102	.133	-.473
60	210	.174	.109	.149	-.333	60	403	-.202	.168	.271	-.100	60	453	-.199	.100	.087	-.484
60	211	.153	.109	.149	-.333	60	404	-.212	.139	.236	-.793	60	454	-.201	.104	.110	-.535
60	212	.160	.103	.217	-.333	60	405	-.177	.139	.159	-.754	60	455	-.187	.110	.167	-.531
60	213	.164	.105	.152	-.333	60	406	-.162	.117	.203	-.737	60	456	-.171	.102	.218	-.532
60	214	.171	.109	.149	-.333	60	407	-.168	.107	.186	-.520	60	457	-.160	.100	.252	-.534
60	215	.178	.112	.151	-.333	60	408	-.176	.111	.202	-.553	60	458	-.151	.103	.255	-.532
60	216	.166	.102	.161	-.333	60	409	-.167	.110	.204	-.488	60	459	-.223	.122	.132	-.592
60	217	.167	.101	.151	-.333	60	410	-.212	.128	.222	-.720	60	460	-.218	.108	.202	-.598
60	218	.178	.100	.163	-.333	60	411	-.217	.126	.204	-.713	60	461	-.210	.103	.139	-.590
60	219	.194	.103	.142	-.333	60	412	-.215	.119	.232	-.608	60	462	-.211	.105	.129	-.600
60	220	.192	.104	.203	-.333	60	413	-.195	.109	.196	-.738	60	463	-.197	.100	.139	-.511
60	221	.184	.118	.233	-.333	60	414	-.190	.105	.142	-.551	60	464	-.192	.103	.175	-.598
60	222	.161	.113	.233	-.333	60	415	-.170	.103	.178	-.520	60	465	-.186	.102	.192	-.584
60	223	.179	.110	.233	-.333	60	416	-.168	.102	.179	-.471	60	466	-.186	.102	.190	-.623
60	224	.158	.113	.233	-.333	60	417	-.193	.113	.168	-.759	60	467	-.166	.102	.240	-.541
60	225	.168	.101	.143	-.333	60	418	-.188	.113	.177	-.679	60	468	-.169	.115	.242	-.723
60	226	.166	.101	.143	-.333	60	419	-.188	.111	.176	-.623	60	469	-.168	.110	.185	-.585
60	227	.176	.097	.141	-.333	60	420	-.183	.104	.189	-.512	60	501	-.099	.115	.388	-.387
60	228	.155	.096	.141	-.333	60	421	-.170	.099	.236	-.474	60	502	-.144	.148	.633	-.370
60	229	.186	.101	.227	-.333	60	422	-.161	.098	.233	-.483	60	503	-.200	.123	.177	-.632
60	230	.186	.104	.235	-.333	60	423	-.150	.098	.233	-.483	60	504	-.200	.111	.291	-.423
60	231	.186	.104	.235	-.333	60	424	-.149	.106	.207	-.454	60	505	-.200	.123	.471	-.174
60	232	.144	.104	.228	-.333	60	425	-.149	.105	.187	-.444	60	506	-.200	.277	.556	-.256
60	233	.141	.094	.228	-.333	60	426	-.149	.105	.187	-.444	60	507	-.200	.277	.556	-.464
60	234	.141	.094	.228	-.333	60	427	-.142	.106	.196	-.587	60	508	-.087	.112	.294	-.476
60	235	.150	.092	.173	-.333	60	428	-.219	.118	.214	-.452	60	509	-.043	.124	.471	-.333
60	236	.149	.091	.173	-.333	60	429	-.211	.114	.168	-.736	60	510	-.043	.116	.461	-.439
60	237	.146	.091	.169	-.333	60	430	-.205	.109	.165	-.720	60	511	-.145	.119	.619	-.663
60	238	.146	.103	.222	-.333	60	431	-.201	.108	.184	-.538	60	512	-.211	.249	.619	-.076
60	239	.146	.103	.222	-.333	60	432	-.186	.096	.202	-.495	60	513	-.211	.249	.604	-.184
60	240	.146	.103	.222	-.333	60	433	-.164	.094	.238	-.471	60	514	-.211	.249	.604	-.922
60	241	.146	.103	.222	-.333	60	434	-.152	.096	.219	-.469	60	515	-.211	.249	.553	-.456
60	242	.146	.103	.222	-.333	60	435	-.145	.097	.225	-.473	60	516	-.211	.249	.553	-.547
60	243	.146	.103	.222	-.333	60	436	-.147	.098	.207	-.590	60	517	-.211	.249	.349	-.447
60	244	.146	.103	.222	-.333	60	437	-.148	.113	.123	-.684	60	518	-.211	.249	.004	-.414
60	245	.146	.103	.222	-.333	60	438	-.141	.098	.237	-.585	60	519	-.211	.249	.124	-.600
60	246	.146	.103	.222	-.333	60	439	-.212	.117	.209	-.637	60	520	-.211	.249	.154	-.101
60	247	.146	.103	.222	-.333	60	440	-.198	.115	.209	-.594	60	521	-.211	.249	.306	-.430
60	248	.146	.103	.222	-.333	60	441	-.189	.103	.194	-.422	60	522	-.211	.249	.467	-.143
60	249	.146	.103	.222	-.333	60	442	-.195	.103	.157	-.511	60	523	-.211	.249	.448	-.389
60	250	.146	.103	.222	-.333	60	443	-.195	.103	.157	-.511	60	524	-.211	.249	.358	-.389
60	251	.146	.103	.222	-.333	60	444	-.195	.103	.157	-.511	60	525	-.211	.249	.500	-.276

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	525	-.039	.100	.413	-.386	70	9	-.062	.110	.265	-.468	70	145	-.076	.097	.265	-.410
60	526	-.018	.119	.417	-.432	70	10	-.053	.110	.352	-.515	70	146	-.453	.123	-.073	-.865
60	527	-.038	.113	.384	-.452	70	11	-.010	.102	.370	-.394	70	147	-.377	.121	-.037	-.769
60	528	-.149	.113	.213	-.679	70	12	-.050	.096	.295	-.441	70	148	-.232	.109	-.200	-.620
60	529	-.313	.279	.415	-1.510	70	13	-.037	.102	.316	-.510	70	149	-.169	.101	-.187	-.551
60	530	-.358	.246	.347	-1.786	70	14	-.335	.130	.151	-.819	70	150	-.449	.171	-.982	-.085
60	531	-.047	.114	.396	-.483	70	101	.389	.169	.934	-.247	70	151	-.154	.098	-.170	-.489
60	532	-.336	.232	.482	-1.193	70	102	.354	.158	.888	-.196	70	152	-.399	.173	-.979	-.139
60	533	-.061	.110	.331	-.402	70	103	.204	.142	.736	-.292	70	153	.473	.173	1.122	-.033
60	534	-.035	.114	.414	-.395	70	104	.073	.125	.534	-.362	70	154	.445	.157	-.976	-.022
60	535	-.030	.113	.365	-.485	70	105	-.074	.113	.330	-.391	70	155	.258	.133	.699	-.159
60	536	-.113	.119	.240	-.763	70	106	-.198	.096	.135	-.519	70	156	-.008	.116	-.480	-.391
60	537	-.231	.269	.471	-1.170	70	107	-.258	.102	.080	-.629	70	157	-.248	.133	-.269	-.661
60	538	-.290	.242	.455	-1.251	70	108	-.176	.118	.251	-.698	70	158	-.325	.121	-.079	-.712
60	539	-.071	.109	.402	-.411	70	109	-.072	.106	.248	-.424	70	159	-.245	.113	-.115	-.609
60	540	-.246	.228	.511	-1.364	70	110	-.232	.144	.116	-.813	70	160	-.086	.096	-.240	-.405
60	541	-.041	.115	.432	-.439	70	111	-.274	.115	.123	-1.037	70	161	-.398	.135	-.054	-.937
60	542	-.003	.125	.474	-.422	70	112	-.220	.142	.238	-.878	70	162	-.324	.127	-.133	-.780
60	543	-.008	.116	.402	-.522	70	113	-.205	.123	.301	-.784	70	163	-.173	.110	-.265	-.530
60	544	-.023	.129	.412	-.615	70	114	.616	.188	1.142	-.032	70	164	-.143	.108	-.290	-.461
60	545	-.016	.183	.555	-.602	70	115	.485	.162	.974	-.010	70	165	-.386	.172	-.936	-.118
60	546	-.055	.197	.555	-.684	70	116	.244	.136	.686	-.205	70	166	-.135	.099	-.204	-.508
60	547	-.040	.166	.661	-.560	70	117	-.057	.120	.329	-.481	70	167	-.343	.164	-.984	-.156
60	548	-.017	.152	.531	-.574	70	118	-.182	.104	.177	-.576	70	168	.379	.161	1.064	-.051
60	549	-.318	.123	.721	-.035	70	119	-.212	.096	.150	-.553	70	169	.349	.137	-.814	-.148
60	550	-.286	.114	.652	-.060	70	120	-.162	.089	.185	-.463	70	170	.196	.123	-.657	-.271
60	551	-.211	.124	.680	-.191	70	121	-.125	.101	.221	-.445	70	171	-.015	.123	-.421	-.421
60	552	-.095	.164	.690	-.473	70	122	-.537	.181	1.145	-.084	70	172	-.214	.131	-.251	-.663
60	553	-.119	.152	.750	-.395	70	123	.590	.176	1.108	-.002	70	173	-.247	.122	-.155	-.724
60	554	-.324	.126	.878	-.058	70	124	.504	.158	.977	-.017	70	174	-.168	.112	-.174	-.634
60	555	-.287	.129	.908	-.119	70	125	.290	.139	.709	-.236	70	175	-.066	.099	-.283	-.384
60	556	-.272	.151	.991	-.197	70	126	-.017	.117	.413	-.413	70	176	-.313	.125	-.128	-.717
60	901	-.116	.103	.284	-.477	70	127	-.209	.112	.141	-.644	70	177	-.237	.108	-.112	-.562
60	902	-.033	.119	.456	-.415	70	128	-.283	.104	.058	-.673	70	178	-.111	.100	-.191	-.464
60	903	-.344	.150	.970	-.128	70	129	-.182	.096	.182	-.505	70	179	-.092	.100	-.227	-.441
60	904	-.114	.099	.207	-.462	70	130	-.112	.094	.244	-.397	70	180	-.280	.148	1.019	-.111
60	905	-.161	.103	.252	-.639	70	131	-.368	.111	-.005	-.719	70	181	-.082	.101	-.249	-.422
60	906	-.014	.098	.368	-.332	70	132	-.337	.115	.058	-.693	70	182	-.269	.137	-.760	-.146
60	907	-.015	.111	.384	-.368	70	133	-.222	.114	.138	-.617	70	183	.290	.133	-.779	-.070
60	908	-.260	.118	.707	-.098	70	134	-.182	.109	.155	-.567	70	184	.269	.124	-.840	-.131
60	909	-.268	.127	.807	-.091	70	135	.520	.185	1.294	-.255	70	185	.192	.108	-.593	-.189
60	910	-.038	.164	.605	-.508	70	136	-.191	.116	.151	-.594	70	186	.006	.113	-.427	-.344
70	1	-.016	.121	.435	-.584	70	137	-.471	.181	1.113	-.073	70	187	.238	.114	-.627	-.147
70	2	-.180	.129	.164	-.780	70	138	.543	.175	1.242	-.614	70	188	.262	.115	-.686	-.128
70	3	-.282	.188	.320	-1.417	70	139	.500	.160	1.118	-.060	70	189	.255	.120	-.715	-.122
70	4	-.434	.140	.053	-1.072	70	140	-.291	.131	.707	-.155	70	190	-.031	.121	-.381	-.448
70	5	-.797	.179	-.270	-1.420	70	141	-.006	.125	.422	-.414	70	191	-.114	.108	-.276	-.485
70	6	-.042	.126	.461	-.418	70	142	-.258	.131	.201	-.702	70	192	-.196	.107	-.116	-.576
70	7	-.104	.138	.300	-.686	70	143	-.344	.126	.109	-.828	70	193	-.125	.102	-.184	-.457
70	8	-.515	.187	.201	-1.216	70	144	-.254	.119	.149	-.693	70	194	-.056	.097	-.247	-.382

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	195	.198	.107	.146	-.556	70	336	-.127	.099	.244	-.503	70	438	-.135	.110	.228	-.449
70	196	-.125	.107	.181	-.494	70	337	-.072	.092	.303	-.381	70	439	-.237	.134	.200	-.955
70	197	-.082	.098	.254	-.429	70	338	-.122	.096	.273	-.516	70	440	-.220	.129	.141	-.676
70	198	-.074	.094	.240	-.403	70	339	-.077	.094	.351	-.396	70	441	-.195	.113	.141	-.591
70	199	.341	.138	1.021	-.048	70	340	-.075	.094	.233	-.426	70	442	-.201	.115	.185	-.546
70	200	.295	.122	.851	-.048	70	341	-.079	.093	.216	-.422	70	443	-.189	.117	.180	-.550
70	201	.278	.122	.737	-.110	70	342	-.077	.091	.228	-.422	70	444	-.169	.106	.147	-.524
70	202	.071	.141	.482	-.688	70	343	-.076	.091	.243	-.427	70	445	-.148	.103	.167	-.553
70	203	.130	.103	.284	-.539	70	344	-.067	.094	.293	-.453	70	446	-.142	.104	.204	-.553
70	204	.213	.105	.154	-.641	70	345	-.062	.096	.290	-.390	70	447	-.136	.101	.207	-.485
70	205	.125	.096	.179	-.516	70	346	-.065	.097	.295	-.385	70	448	-.229	.121	.107	-.754
70	206	.048	.089	.238	-.335	70	347	-.068	.093	.284	-.394	70	449	-.137	.102	.181	-.486
70	207	.173	.098	.129	-.489	70	348	-.071	.096	.235	-.396	70	450	-.226	.123	.119	-.822
70	208	.114	.094	.190	-.448	70	401	-.189	.121	.180	-.778	70	451	-.221	.114	.123	-.684
70	209	.079	.099	.240	-.542	70	402	-.201	.141	.238	-.882	70	452	-.187	.105	.184	-.541
70	301	.142	.100	.173	-.497	70	403	-.199	.148	.272	-.783	70	453	-.195	.104	.178	-.572
70	302	.138	.100	.194	-.468	70	404	-.222	.140	.349	-.839	70	454	-.214	.113	.239	-.593
70	303	.125	.098	.256	-.464	70	405	-.187	.124	.246	-1.060	70	455	-.206	.118	.266	-.776
70	304	.154	.101	.194	-.463	70	406	-.176	.118	.202	-.710	70	456	-.193	.115	.165	-.653
70	305	.160	.104	.224	-.562	70	407	-.193	.107	.260	-.708	70	457	-.182	.115	.168	-.636
70	306	.173	.105	.214	-.615	70	408	-.209	.101	.097	-.609	70	458	-.187	.118	.167	-.705
70	307	.165	.102	.196	-.493	70	409	-.191	.101	.100	-.602	70	459	-.233	.128	.128	-.719
70	308	.151	.098	.185	-.488	70	410	-.228	.131	.153	-.775	70	460	-.182	.114	.223	-.578
70	309	.150	.094	.198	-.499	70	411	-.230	.124	.181	-.773	70	461	-.187	.109	.169	-.575
70	310	.170	.102	.170	-.586	70	412	-.220	.128	.172	-.827	70	462	-.192	.111	.157	-.582
70	311	.174	.106	.197	-.563	70	413	-.202	.111	.180	-.623	70	463	-.169	.105	.169	-.479
70	312	.183	.111	.168	-.602	70	414	-.194	.101	.184	-.540	70	464	-.176	.108	.209	-.615
70	313	.146	.098	.174	-.469	70	415	-.178	.099	.187	-.496	70	465	-.179	.107	.221	-.574
70	314	.173	.101	.167	-.541	70	416	-.194	.102	.173	-.582	70	466	-.183	.107	.260	-.626
70	315	.138	.098	.164	-.473	70	417	-.223	.129	.169	-.707	70	467	-.158	.108	.258	-.613
70	316	.130	.103	.176	-.635	70	418	-.220	.125	.188	-.660	70	468	-.195	.116	.163	-.685
70	317	.133	.103	.176	-.610	70	419	-.207	.120	.257	-.699	70	469	-.195	.111	.143	-.675
70	318	.133	.100	.188	-.537	70	420	-.176	.116	.193	-.722	70	501	-.058	.109	.517	-.311
70	319	.137	.099	.179	-.575	70	421	-.163	.108	.160	-.535	70	502	.262	.151	.852	-.296
70	320	.160	.100	.228	-.484	70	422	-.154	.105	.193	-.523	70	503	-.058	.111	.443	-.330
70	321	.121	.100	.324	-.540	70	423	-.145	.104	.235	-.489	70	504	-.038	.127	.475	-.476
70	322	.144	.099	.237	-.534	70	424	-.150	.113	.283	-.508	70	505	.138	.178	.716	-.917
70	323	.105	.100	.269	-.503	70	425	-.146	.111	.314	-.500	70	506	.085	.243	.775	-.962
70	324	.120	.093	.253	-.419	70	426	-.225	.136	.278	-.889	70	507	-.016	.104	.370	-.435
70	325	.120	.090	.228	-.416	70	427	-.144	.112	.279	-.513	70	508	.123	.121	.565	-.299
70	326	.123	.091	.263	-.389	70	428	-.231	.119	.097	-.681	70	509	.086	.117	.475	-.296
70	327	.134	.091	.258	-.430	70	429	-.216	.114	.094	-.648	70	510	.043	.123	.459	-.383
70	328	.147	.094	.169	-.468	70	430	-.201	.104	.095	-.546	70	511	.216	.224	.793	-.873
70	329	.100	.090	.150	-.408	70	431	-.196	.105	.103	-.603	70	512	.182	.262	.855	-1.019
70	330	.143	.094	.150	-.501	70	432	-.180	.105	.174	-.503	70	513	.276	.180	.793	-.358
70	331	.090	.094	.246	-.429	70	433	-.156	.102	.197	-.479	70	514	.181	.217	.860	-.673
70	332	.087	.096	.280	-.400	70	434	-.145	.102	.189	-.470	70	515	.051	.102	.401	-.294
70	333	.085	.093	.267	-.380	70	435	-.139	.103	.201	-.463	70	516	.166	.233	.921	-.664
70	334	.089	.096	.266	-.424	70	436	-.138	.108	.212	-.472	70	517	.059	.103	.410	-.267
70	335	.103	.095	.244	-.417	70	437	-.233	.125	.197	-.834	70	518	.126	.113	.588	-.216



APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	519	.136	.118	.506	-.261	80	3	.180	.130	.186	-.934	80	139	.445	.135	.980	-.013
70	520	.047	.121	.511	-.310	80	4	.339	.130	.670	-.904	80	140	.179	.105	.600	-.297
70	521	.174	.232	.788	-.646	80	5	.848	.213	.201	-1.784	80	141	-.141	.124	.314	-.601
70	522	.122	.246	.862	-.613	80	6	.126	.105	.454	-.234	80	142	-.362	.139	.160	-.986
70	523	.034	.097	.358	-.284	80	7	.049	.094	.316	-.372	80	143	-.391	.131	.067	-.973
70	524	.092	.236	.831	-.673	80	8	.565	.194	.266	-1.267	80	144	-.284	.127	.144	-.951
70	525	.039	.100	.368	-.285	80	9	.067	.097	.225	-.445	80	145	-.089	.094	.283	-.424
70	526	.076	.115	.426	-.432	80	10	.022	.089	.307	-.332	80	146	-.412	.111	-.091	-.803
70	527	.085	.123	.480	-.434	80	11	.050	.100	.431	-.292	80	147	-.304	.105	.050	-.619
70	528	.020	.126	.423	-.435	80	12	.042	.099	.431	-.398	80	148	-.138	.096	.216	-.472
70	529	.114	.226	.737	-.427	80	13	.043	.104	.371	-.382	80	149	-.087	.101	.260	-.524
70	530	.058	.235	.791	-.835	80	14	.362	.154	.192	-1.011	80	150	-.498	.178	1.147	-.047
70	531	.017	.109	.434	-.427	80	15	.445	.184	1.064	-.272	80	151	-.073	.097	.221	-.421
70	532	.034	.230	.866	-.847	80	16	.363	.165	.929	-.222	80	152	.443	.175	1.013	-.103
70	533	.007	.108	.380	-.430	80	17	.181	.136	.622	-.317	80	153	.488	.165	.967	-.025
70	534	.049	.115	.449	-.380	80	18	.029	.116	.467	-.396	80	154	.395	.133	.822	-.071
70	535	.062	.119	.544	-.300	80	19	.116	.098	.257	-.464	80	155	.170	.105	.551	-.185
70	536	.024	.124	.483	-.408	80	20	.211	.093	.696	-.586	80	156	-.115	.108	.270	-.499
70	537	.091	.212	.791	-.723	80	21	.257	.111	.033	-.950	80	157	-.341	.141	.107	-.798
70	538	.040	.230	.829	-.730	80	22	.214	.135	.180	-.893	80	158	-.373	.133	.051	-.786
70	539	.012	.111	.393	-.396	80	23	.100	.110	.265	-.547	80	159	-.268	.127	.103	-.688
70	540	.066	.194	.657	-.461	80	24	.255	.122	.095	-.765	80	160	-.075	.098	.277	-.399
70	541	.038	.113	.430	-.323	80	25	.303	.135	.071	-.824	80	161	-.356	.118	.051	-.773
70	542	.105	.122	.589	-.287	80	26	.167	.115	.178	-.615	80	162	-.257	.109	.161	-.616
70	543	.110	.115	.689	-.282	80	27	.146	.118	.227	-.579	80	163	-.097	.096	.259	-.460
70	544	.125	.123	.722	-.286	80	28	.627	.172	1.166	-.640	80	164	-.071	.093	.257	-.436
70	545	.179	.157	.877	-.368	80	29	.428	.135	.986	-.672	80	165	-.398	.172	1.029	-.121
70	546	.160	.171	.897	-.458	80	30	.124	.116	.536	-.284	80	166	-.071	.086	.232	-.390
70	547	.188	.132	.646	-.281	80	31	.206	.119	.283	-.565	80	167	.341	.159	.885	-.144
70	548	.158	.140	.681	-.385	80	32	.278	.108	.176	-.642	80	168	-.369	.156	.948	-.106
70	549	.304	.129	.858	-.665	80	33	.254	.099	.081	-.603	80	169	.309	.131	1.012	-.119
70	550	.271	.116	.782	-.073	80	34	.176	.090	.118	-.471	80	170	-.134	.108	.629	-.260
70	551	.087	.127	.543	-.408	80	35	.135	.085	.146	-.421	80	171	-.089	.105	.284	-.488
70	552	.205	.153	.867	-.248	80	36	.614	.190	1.217	-.068	80	172	-.273	.117	.098	-.691
70	553	.217	.148	.878	-.210	80	37	.604	.185	1.191	-.081	80	173	-.307	.117	.054	-.750
70	554	.288	.131	.861	-.023	80	38	.437	.150	1.190	-.066	80	174	-.201	.108	.169	-.561
70	555	.318	.127	.950	-.309	80	39	.176	.111	.570	-.204	80	175	-.063	.090	.261	-.372
70	556	.218	.167	.941	-.309	80	40	.121	.103	.216	-.523	80	176	-.266	.106	.112	-.622
70	901	-.164	.104	.207	-.495	80	41	.328	.111	.019	-.733	80	177	-.179	.108	.179	-.578
70	902	-.102	.122	.315	-.514	80	42	.353	.108	-.012	-.723	80	178	-.067	.095	.263	-.414
70	903	-.234	.131	.689	-.234	80	43	.222	.100	.126	-.550	80	179	-.053	.094	.256	-.393
70	904	-.077	.100	.300	-.462	80	44	.150	.095	.182	-.489	80	180	-.268	.141	.942	-.251
70	905	-.130	.098	.181	-.473	80	45	.339	.099	.051	-.744	80	181	-.026	.104	.438	-.389
70	906	-.088	.097	.309	-.405	80	46	.284	.114	.164	-.658	80	182	.253	.142	.944	-.147
70	907	-.117	.117	.431	-.528	80	47	.164	.105	.188	-.569	80	183	.280	.146	1.013	-.116
70	908	.194	.115	.592	-.162	80	48	.125	.101	.231	-.496	80	184	.259	.137	.837	-.122
70	909	.248	.116	.665	-.129	80	49	.607	.181	1.264	-.022	80	185	.155	.107	.524	-.149
70	910	.176	.135	.659	-.236	80	50	.112	.100	.205	-.502	80	186	-.069	.107	.291	-.438
80	1	.116	.105	.450	-.295	80	51	.549	.174	1.135	-.118	80	187	-.199	.120	.771	-.128
80	2	.060	.102	.285	-.532	80	52	.567	.164	1.158	-.016	80	188	.230	.123	.779	-.094

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	189	.236	.120	.764	-.167	80	330	-.064	.093	.257	-.363	80	432	-.224	.121	.167	-.664
80	190	-.095	.110	.284	-.561	80	331	-.035	.093	.292	-.386	80	433	-.239	.130	.165	-.893
80	191	-.170	.100	.191	-.568	80	332	-.040	.095	.292	-.352	80	434	-.213	.124	.215	-.937
80	192	-.229	.100	.103	-.603	80	333	-.041	.093	.278	-.341	80	435	-.198	.116	.199	-.724
80	193	-.146	.111	.169	-.534	80	334	-.052	.099	.284	-.439	80	436	-.191	.123	.258	-.618
80	194	-.060	.099	.260	-.380	80	335	-.056	.099	.277	-.398	80	437	-.111	.117	.313	-.606
80	195	-.127	.103	.210	-.449	80	336	-.065	.102	.308	-.419	80	438	-.197	.122	.255	-.697
80	196	-.055	.100	.244	-.383	80	337	-.029	.095	.298	-.362	80	439	-.100	.118	.312	-.667
80	197	-.029	.091	.279	-.317	80	338	-.051	.102	.337	-.421	80	440	-.102	.116	.338	-.546
80	198	-.030	.089	.280	-.307	80	339	-.023	.097	.327	-.386	80	441	-.108	.111	.319	-.519
80	199	.289	.131	.999	-.072	80	340	-.019	.091	.275	-.390	80	442	-.160	.121	.281	-.738
80	200	.239	.116	.736	-.110	80	341	-.014	.089	.286	-.349	80	443	-.225	.129	.164	-.702
80	201	.263	.125	.800	-.078	80	342	-.015	.090	.284	-.378	80	444	-.262	.139	.135	-.766
80	202	-.119	.141	.454	-.614	80	343	-.017	.090	.293	-.376	80	445	-.231	.126	.197	-.774
80	203	-.167	.119	.210	-.578	80	344	-.004	.097	.358	-.343	80	446	-.220	.126	.200	-.751
80	204	-.227	.124	.163	-.644	80	345	-.001	.097	.356	-.344	80	447	-.238	.125	.234	-.679
80	205	-.117	.097	.234	-.475	80	346	-.003	.097	.349	-.340	80	448	-.080	.127	.360	-.705
80	206	-.040	.090	.265	-.390	80	347	-.006	.096	.345	-.337	80	449	-.235	.133	.195	-.687
80	207	-.088	.096	.260	-.480	80	348	-.019	.091	.298	-.341	80	450	-.062	.122	.388	-.539
80	208	-.035	.092	.256	-.390	80	401	-.150	.138	.234	-.715	80	451	-.066	.113	.304	-.487
80	209	-.043	.102	.332	-.344	80	402	-.157	.155	.392	-1.105	80	452	-.074	.102	.298	-.480
80	301	-.105	.109	.259	-.453	80	403	-.167	.163	.429	-.901	80	453	-.122	.113	.339	-.522
80	302	-.097	.110	.266	-.448	80	404	-.209	.157	.419	-.865	80	454	-.233	.133	.342	-.815
80	303	-.080	.107	.268	-.441	80	405	-.222	.152	.557	-1.075	80	455	-.290	.144	.150	-.922
80	304	-.082	.103	.245	-.419	80	406	-.234	.160	.334	-1.013	80	456	-.285	.129	.157	-.878
80	305	-.090	.108	.274	-.453	80	407	-.235	.136	.363	-.804	80	457	-.277	.125	.095	-.843
80	306	-.103	.113	.271	-.489	80	408	-.281	.136	.298	-.931	80	458	-.280	.131	.110	-.830
80	307	-.092	.105	.236	-.416	80	409	-.263	.133	.181	-.870	80	459	-.062	.101	.266	-.465
80	308	-.089	.099	.244	-.406	80	410	-.169	.156	.358	-.781	80	460	-.285	.136	.126	-.781
80	309	-.082	.094	.252	-.386	80	411	-.185	.147	.331	-.738	80	461	-.008	.092	.286	-.427
80	310	-.108	.105	.268	-.549	80	412	-.225	.175	.302	-1.052	80	462	-.009	.094	.299	-.394
80	311	-.115	.113	.276	-.731	80	413	-.238	.156	.281	-1.047	80	463	-.014	.095	.317	-.359
80	312	-.137	.125	.323	-.698	80	414	-.245	.135	.240	-.722	80	464	-.065	.107	.382	-.440
80	313	-.082	.105	.310	-.424	80	415	-.234	.125	.179	-.916	80	465	-.125	.115	.303	-.677
80	314	-.127	.125	.282	-.610	80	416	-.237	.123	.110	-.723	80	466	-.217	.124	.199	-.734
80	315	-.061	.100	.321	-.408	80	417	-.140	.135	.272	-.757	80	467	-.266	.137	.104	-.890
80	316	-.072	.099	.311	-.436	80	418	-.145	.135	.317	-.707	80	468	-.289	.153	.179	-.966
80	317	-.075	.096	.291	-.432	80	419	-.150	.139	.321	-.740	80	469	-.268	.134	.159	-.742
80	318	-.085	.099	.273	-.573	80	420	-.187	.151	.260	-.840	80	501	-.064	.122	.532	-.390
80	319	-.093	.104	.256	-.762	80	421	-.227	.146	.167	-.811	80	502	.280	.162	.879	-.257
80	320	-.095	.113	.336	-.649	80	422	-.242	.149	.194	-.871	80	503	.109	.118	.628	-.305
80	321	-.043	.098	.423	-.354	80	423	-.214	.136	.145	-.982	80	504	.103	.134	.740	-.309
80	322	-.076	.104	.341	-.600	80	424	-.200	.122	.221	-.683	80	505	.324	.161	.955	-.211
80	323	-.037	.098	.395	-.342	80	425	-.193	.119	.204	-.667	80	506	-.370	.184	.029	-.352
80	324	-.045	.095	.262	-.394	80	426	-.118	.128	.356	-.773	80	507	-.030	.105	.489	-.493
80	325	-.046	.093	.286	-.393	80	427	-.184	.119	.233	-.643	80	508	.139	.122	.704	-.256
80	326	-.056	.095	.259	-.381	80	428	-.117	.125	.347	-.599	80	509	.123	.113	.563	-.230
80	327	-.062	.096	.254	-.359	80	429	-.107	.120	.310	-.597	80	510	.154	.123	.613	-.254
80	328	-.073	.095	.234	-.378	80	430	-.117	.116	.250	-.533	80	511	.433	.156	.910	-.125
80	329	-.039	.090	.266	-.350	80	431	-.168	.120	.242	-.608	80	512	.473	.172	.969	-.222

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	967	.159	.113	.257	.603	80	967	.159	.113	.257	.603	90	133	-.094	.096	.202	.423
80	908	.164	.114	.644	.200	80	908	.164	.114	.644	.200	90	134	-.071	.093	.260	.373
80	909	.197	.110	.619	.189	80	909	.197	.110	.619	.189	90	135	.183	.204	.996	.577
80	910	.141	.108	.517	.295	80	910	.141	.108	.517	.295	90	136	-.054	.092	.292	.362
80	1	.105	.105	.356	.244	90	1	.105	.105	.356	.244	90	137	.203	.211	.964	.765
80	2	.024	.096	.351	.383	90	2	.024	.096	.351	.383	90	138	.252	.218	.093	.720
80	3	.048	.112	.316	.472	90	3	.048	.112	.316	.472	90	139	.255	.197	.978	.572
80	4	.138	.139	.311	.781	90	4	.138	.139	.311	.781	90	140	.128	.143	.762	.328
80	5	.357	.333	.665	-.615	90	5	.357	.333	.665	-.615	90	141	-.096	.115	.314	.309
80	6	.100	.112	.501	.299	90	6	.100	.112	.501	.299	90	142	.276	.130	.185	.778
80	7	.023	.098	.420	.408	90	7	.023	.098	.420	.408	90	143	.309	.127	.111	.777
80	8	.302	.200	.432	-.196	90	8	.302	.200	.432	-.196	90	144	.181	.111	.190	.681
80	9	.053	.114	.415	.461	90	9	.053	.114	.415	.461	90	145	.069	.094	.251	.385
80	10	.002	.099	.390	.346	90	10	.002	.099	.390	.346	90	146	.267	.110	.081	.679
80	11	.013	.103	.316	.331	90	11	.013	.103	.316	.331	90	147	.177	.101	.143	.513
80	12	.025	.102	.285	.494	90	12	.025	.102	.285	.494	90	148	.070	.092	.238	.383
80	13	.044	.107	.304	.500	90	13	.044	.107	.304	.500	90	149	.042	.088	.318	.362
80	14	.249	.149	.304	-.176	90	14	.249	.149	.304	-.176	90	150	.173	.177	.936	.493
80	101	.213	.251	.970	.804	90	101	.213	.251	.970	.804	90	151	.036	.088	.306	.363
80	102	.194	.222	.867	.810	90	102	.194	.222	.867	.810	90	152	.121	.167	.874	.645
80	103	.135	.180	.701	.863	90	103	.135	.180	.701	.863	90	153	.138	.162	.843	.566
80	104	.036	.133	.592	.576	90	104	.036	.133	.592	.576	90	154	.146	.159	.831	.544
80	105	.079	.102	.272	.525	90	105	.079	.102	.272	.525	90	155	.082	.136	.612	.430
80	106	.181	.106	.139	.835	90	106	.181	.106	.139	.835	90	156	.060	.118	.357	.456
80	107	.295	.173	.102	-.194	90	107	.295	.173	.102	-.194	90	157	.218	.126	.201	.743
80	108	.266	.152	.152	.972	90	108	.266	.152	.152	.972	90	158	.260	.124	.166	.803
80	109	.148	.121	.251	.626	90	109	.148	.121	.251	.626	90	159	.152	.107	.185	.643
80	110	.290	.150	.162	-.063	90	110	.290	.150	.162	-.063	90	160	.063	.094	.266	.390
80	111	.213	.128	.178	.863	90	111	.213	.128	.178	.863	90	161	.205	.113	.144	.547
80	112	.097	.108	.245	.484	90	112	.097	.108	.245	.484	90	162	.140	.103	.188	.487
80	113	.095	.103	.235	.603	90	113	.095	.103	.235	.603	90	163	.050	.095	.320	.349
80	114	.239	.222	.901	.505	90	114	.239	.222	.901	.505	90	164	.038	.094	.339	.341
80	115	.210	.177	.856	.302	90	115	.210	.177	.856	.302	90	165	.100	.170	.850	.742
80	116	.057	.127	.500	.407	90	116	.057	.127	.500	.407	90	166	.039	.085	.261	.367
80	117	.158	.106	.217	.547	90	117	.158	.106	.217	.547	90	167	.081	.154	.745	.849
80	118	.230	.101	.102	.605	90	118	.230	.101	.102	.605	90	168	.106	.163	.793	.665
80	119	.211	.097	.109	.558	90	119	.211	.097	.109	.558	90	169	.129	.164	.807	.372
80	120	.153	.093	.175	.482	90	120	.153	.093	.175	.482	90	170	.061	.133	.496	.392
80	121	.114	.101	.246	.487	90	121	.114	.101	.246	.487	90	171	-.052	.116	.331	.568
80	122	.216	.203	.023	.641	90	122	.216	.203	.023	.641	90	172	.168	.120	.208	.733
80	123	.254	.205	.085	.372	90	123	.254	.205	.085	.372	90	173	.212	.115	.118	.644
80	124	.230	.177	.836	.354	90	124	.230	.177	.836	.354	90	174	.119	.100	.165	.483
80	125	.094	.136	.599	.526	90	125	.094	.136	.599	.526	90	175	.053	.092	.227	.365
80	126	.111	.106	.291	.653	90	126	.111	.106	.291	.653	90	176	.163	.104	.143	.509
80	127	.265	.110	.155	.738	90	127	.265	.110	.155	.738	90	177	.094	.101	.241	.487
80	128	.279	.107	.143	.704	90	128	.279	.107	.143	.704	90	178	.030	.094	.274	.394
80	129	.185	.104	.181	.551	90	129	.185	.104	.181	.551	90	179	.025	.094	.292	.397
80	130	.135	.098	.226	.444	90	130	.135	.098	.226	.444	90	180	.082	.145	.618	.408
80	131	.249	.111	.152	.603	90	131	.249	.111	.152	.603	90	181	.009	.095	.346	.331
80	132	.196	.108	.211	.573	90	132	.196	.108	.211	.573	90	182	.081	.131	.682	.292

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	183	.093	.138	.769	.224	90	426	.039	.100	.303	.436	90	426	.039	.100	.303	.436
90	184	.092	.136	.769	.224	90	427	.274	.177	.303	.433	90	427	.274	.177	.303	.433
90	185	.066	.127	.551	.226	90	428	.033	.093	.303	.448	90	428	.033	.093	.303	.448
90	186	.023	.112	.332	.227	90	429	.000	.000	.303	.441	90	429	.000	.000	.303	.441
90	187	.086	.125	.603	.228	90	430	.000	.000	.303	.433	90	430	.000	.000	.303	.433
90	188	.089	.128	.601	.229	90	431	.000	.000	.303	.422	90	431	.000	.000	.303	.422
90	189	.103	.133	.626	.230	90	432	.000	.000	.303	.431	90	432	.000	.000	.303	.431
90	190	.024	.114	.407	.231	90	433	.000	.000	.303	.422	90	433	.000	.000	.303	.422
90	191	.080	.117	.333	.232	90	434	.173	.158	.303	.411	90	434	.173	.158	.303	.411
90	192	.118	.122	.294	.233	90	435	.222	.168	.303	.410	90	435	.222	.168	.303	.410
90	193	.075	.101	.251	.234	90	436	.253	.170	.303	.434	90	436	.253	.170	.303	.434
90	194	.031	.095	.287	.235	90	437	.028	.099	.303	.439	90	437	.028	.099	.303	.439
90	195	.061	.098	.294	.236	90	438	.242	.171	.303	.446	90	438	.242	.171	.303	.446
90	196	.027	.093	.299	.237	90	439	.032	.101	.303	.444	90	439	.032	.101	.303	.444
90	197	.016	.091	.299	.238	90	440	.016	.100	.303	.432	90	440	.016	.100	.303	.432
90	198	.016	.090	.293	.239	90	441	.014	.093	.303	.433	90	441	.014	.093	.303	.433
90	199	.109	.135	.711	.240	90	442	.033	.100	.303	.437	90	442	.033	.100	.303	.437
90	200	.100	.127	.620	.241	90	443	.000	.109	.303	.404	90	443	.000	.109	.303	.404
90	201	.102	.126	.603	.242	90	444	.008	.108	.303	.455	90	444	.008	.108	.303	.455
90	202	.025	.113	.435	.243	90	445	.007	.109	.303	.424	90	445	.007	.109	.303	.424
90	203	.085	.113	.464	.244	90	446	.003	.091	.303	.438	90	446	.003	.091	.303	.438
90	204	.122	.120	.456	.245	90	447	.066	.091	.303	.424	90	447	.066	.091	.303	.424
90	205	.066	.102	.473	.246	90	448	.092	.092	.303	.444	90	448	.092	.092	.303	.444
90	206	.021	.096	.473	.247	90	449	.001	.090	.303	.436	90	449	.001	.090	.303	.436
90	207	.045	.100	.473	.248	90	450	.001	.093	.303	.427	90	450	.001	.093	.303	.427
90	208	.016	.098	.466	.249	90	451	.008	.091	.303	.476	90	451	.008	.091	.303	.476
90	209	.004	.098	.441	.250	90	452	.000	.097	.303	.429	90	452	.000	.097	.303	.429
90	210	.033	.097	.433	.251	90	453	.026	.103	.303	.414	90	453	.026	.103	.303	.414
90	211	.039	.097	.433	.252	90	454	.036	.109	.303	.415	90	454	.036	.109	.303	.415
90	212	.030	.097	.433	.253	90	455	.023	.115	.303	.476	90	455	.023	.115	.303	.476
90	213	.042	.096	.433	.254	90	456	.066	.130	.303	.177	90	456	.066	.130	.303	.177
90	214	.051	.096	.433	.255	90	457	.159	.153	.303	.000	90	457	.159	.153	.303	.000
90	215	.034	.097	.433	.256	90	458	.026	.169	.303	.012	90	458	.026	.169	.303	.012
90	216	.034	.097	.433	.257	90	459	.031	.196	.303	.438	90	459	.031	.196	.303	.438
90	217	.039	.093	.433	.258	90	460	.025	.109	.303	.411	90	460	.025	.109	.303	.411
90	218	.039	.093	.433	.259	90	461	.083	.106	.303	.455	90	461	.083	.106	.303	.455
90	219	.039	.093	.433	.260	90	462	.037	.109	.303	.413	90	462	.037	.109	.303	.413
90	220	.054	.096	.433	.261	90	463	.042	.109	.303	.433	90	463	.042	.109	.303	.433
90	221	.066	.091	.433	.262	90	464	.096	.110	.303	.454	90	464	.096	.110	.303	.454
90	222	.042	.091	.433	.263	90	465	.200	.146	.303	.444	90	465	.200	.146	.303	.444
90	223	.047	.090	.433	.264	90	466	.228	.139	.303	.408	90	466	.228	.139	.303	.408
90	224	.036	.090	.433	.265	90	467	.030	.096	.303	.411	90	467	.030	.096	.303	.411
90	225	.028	.096	.433	.266	90	468	.036	.099	.303	.448	90	468	.036	.099	.303	.448
90	226	.028	.096	.433	.267	90	469	.029	.105	.303	.556	90	469	.029	.105	.303	.556
90	227	.040	.095	.433	.268	90	470	.058	.104	.303	.501	90	470	.058	.104	.303	.501
90	228	.039	.097	.433	.269	90	471	.059	.109	.303	.523	90	471	.059	.109	.303	.523
90	229	.039	.097	.433	.270	90	472	.102	.118	.303	.441	90	472	.102	.118	.303	.441
90	230	.031	.094	.433	.271	90	473	.020	.153	.303	.008	90	473	.020	.153	.303	.008
90	231	.017	.094	.433	.272	90	474	.024	.163	.303	.008	90	474	.024	.163	.303	.008
90	232	.026	.096	.433	.273	90	475	.027	.163	.303	.008	90	475	.027	.163	.303	.008
90	233	.018	.095	.433	.274	90	476	.018	.170	.303	.008	90	476	.018	.170	.303	.008

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	507	.072	.160	.567	-.615	90	901	-.178	.098	.214	-.498	100	127	-.237	.153	.314	-.835
90	508	.039	.161	.804	-.466	90	902	-.222	.107	.189	-.606	100	128	-.233	.145	.347	-.846
90	509	.046	.159	.734	-.428	90	903	-.019	.128	.480	-.450	100	129	-.183	.135	.283	-.862
90	510	.075	.160	.702	-.481	90	904	-.011	.086	.279	-.294	100	130	-.142	.122	.239	-.622
90	511	.158	.186	.814	-.531	90	905	-.030	.103	.263	-.405	100	131	-.175	.130	.230	-.958
90	512	.166	.207	.844	-.604	90	906	-.039	.103	.271	-.394	100	132	-.130	.113	.254	-.606
90	513	.149	.165	.704	-.418	90	907	-.079	.114	.273	-.499	100	133	-.101	.109	.305	-.569
90	514	.153	.201	.909	-.592	90	908	-.071	.120	.320	-.489	100	134	-.095	.106	.284	-.512
90	515	-.025	.155	.708	-.551	90	909	-.083	.125	.532	-.331	100	135	-.257	.230	.605	-.687
90	516	.106	.179	.736	-.826	90	910	-.074	.105	.454	-.269	100	136	-.101	.109	.295	-.1017
90	517	-.004	.156	.755	-.456	100	1	-.068	.107	.502	-.270	100	137	-.219	.186	.271	-.1000
90	518	.071	.159	.829	-.433	100	2	-.004	.104	.371	-.372	100	138	-.228	.188	.308	-.1084
90	519	.063	.140	.861	-.407	100	3	-.037	.105	.300	-.456	100	139	-.215	.192	.443	-.1065
90	520	.037	.125	.635	-.483	100	4	-.064	.111	.281	-.601	100	140	-.173	.179	.410	-.847
90	521	.098	.149	.606	-.512	100	5	.152	.244	.489	-1.331	100	141	-.142	.151	.318	-.821
90	522	.056	.184	.639	-.822	100	6	-.036	.110	.414	-.368	100	142	-.155	.136	.258	-.891
90	523	-.021	.146	.695	-.489	100	7	-.035	.100	.324	-.396	100	143	-.149	.130	.246	-.708
90	524	.040	.177	.690	-.632	100	8	-.423	.206	.219	-1.279	100	144	-.117	.123	.238	-.668
90	525	.014	.144	.640	-.595	100	9	-.152	.158	.262	-.929	100	145	-.096	.118	.255	-.935
90	526	.062	.138	.751	-.343	100	10	-.069	.116	.310	-.586	100	146	-.136	.114	.186	-.653
90	527	.061	.129	.797	-.423	100	11	-.046	.098	.276	-.407	100	147	-.118	.111	.180	-.682
90	528	.047	.117	.534	-.414	100	12	-.119	.111	.211	-.534	100	148	-.104	.103	.172	-.633
90	529	.067	.140	.575	-.774	100	13	-.151	.139	.228	-.645	100	149	-.092	.097	.221	-.430
90	530	.021	.161	.518	-.780	100	14	-.332	.158	.243	-1.198	100	150	-.184	.154	.411	-.934
90	531	-.025	.138	.628	-.595	100	101	-.273	.341	.752	-1.708	100	151	-.086	.097	.235	-.495
90	532	.001	.142	.601	-.633	100	102	-.189	.290	.740	-1.587	100	152	-.166	.140	.290	-.853
90	533	-.023	.133	.575	-.557	100	103	-.104	.200	.546	-1.026	100	153	-.157	.141	.299	-.782
90	534	.031	.127	.607	-.472	100	104	-.137	.169	.368	-1.147	100	154	-.164	.145	.400	-.770
90	535	.040	.125	.643	-.534	100	105	-.217	.183	.275	-1.344	100	155	-.149	.151	.424	-.621
90	536	.025	.116	.460	-.739	100	106	-.348	.260	.222	-1.597	100	156	-.127	.142	.425	-.629
90	537	.022	.126	.481	-.546	100	107	-.387	.267	.214	-1.667	100	157	-.115	.120	.375	-.649
90	538	-.009	.136	.516	-.616	100	108	-.253	.184	.198	-1.059	100	158	-.115	.110	.392	-.579
90	539	.027	.117	.598	-.589	100	109	-.154	.125	.215	-.653	100	159	-.093	.104	.434	-.611
90	540	.008	.123	.408	-.534	100	110	-.156	.116	.205	-.744	100	160	-.078	.100	.304	-.624
90	541	-.002	.108	.462	-.387	100	111	-.110	.104	.259	-.507	100	161	-.083	.106	.236	-.615
90	542	.037	.105	.476	-.290	100	112	-.090	.104	.214	-.824	100	162	-.079	.101	.278	-.588
90	543	.054	.113	.599	-.399	100	113	-.100	.121	.240	-.671	100	163	-.071	.099	.250	-.434
90	544	.054	.110	.524	-.344	100	114	-.262	.252	.546	-1.030	100	164	-.073	.099	.243	-.438
90	545	.047	.118	.539	-.412	100	115	-.191	.240	.535	-1.101	100	165	-.139	.137	.402	-.760
90	546	.039	.120	.510	-.418	100	116	-.166	.176	.640	-.875	100	166	-.060	.092	.253	-.334
90	547	.079	.102	.435	-.291	100	117	-.200	.147	.270	-.744	100	167	-.136	.143	.465	-.848
90	548	.069	.103	.424	-.327	100	118	-.206	.138	.227	-.771	100	168	-.140	.147	.466	-.843
90	549	.122	.120	.551	-.291	100	119	-.198	.138	.217	-.784	100	169	-.139	.129	.306	-.915
90	550	.112	.115	.541	-.356	100	120	-.180	.139	.279	-.919	100	170	-.131	.129	.412	-.580
90	551	.033	.110	.485	-.356	100	121	-.137	.128	.245	-.716	100	171	-.110	.130	.439	-.595
90	552	.081	.113	.582	-.309	100	122	-.275	.236	.707	-1.270	100	172	-.093	.114	.294	-.660
90	553	.081	.112	.597	-.313	100	123	-.259	.245	.699	-1.097	100	173	-.075	.103	.333	-.459
90	554	.087	.120	.545	-.308	100	124	-.195	.222	.533	-1.173	100	174	-.052	.099	.332	-.437
90	555	.109	.126	.733	-.284	100	125	-.145	.177	.529	-1.069	100	175	-.038	.099	.344	-.381
90	556	.100	.127	.654	-.277	100	126	-.192	.154	.419	-.782	100	176	-.055	.097	.362	-.377

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	177	0651	094	270	351	100	318	065	107	342	567	100	420	000	099	316	406
100	177	0532	091	256	354	100	319	067	107	346	504	100	421	029	098	352	288
100	179	051	093	252	395	100	320	057	096	296	374	100	422	013	101	362	344
100	180	140	144	629	604	100	321	078	099	286	441	100	423	030	133	405	731
100	181	041	097	251	459	100	322	053	095	312	350	100	424	195	185	334	917
100	182	139	145	396	895	100	323	067	097	301	401	100	425	292	208	310	629
100	183	123	139	413	899	100	324	074	098	225	445	100	426	042	099	287	357
100	184	122	144	521	818	100	325	067	097	248	499	100	427	280	212	1	257
100	185	096	150	463	648	100	326	055	095	243	412	100	428	048	100	289	442
100	186	082	132	352	548	100	327	054	094	235	402	100	429	035	098	277	434
100	187	098	135	515	519	100	328	040	112	335	392	100	430	008	099	305	413
100	188	093	138	460	514	100	329	051	113	315	488	100	431	011	099	336	402
100	189	104	139	446	559	100	330	031	109	345	391	100	432	019	088	300	405
100	190	081	126	414	455	100	331	040	111	319	475	100	433	034	090	333	361
100	191	065	115	346	434	100	332	044	102	267	439	100	434	034	107	381	560
100	192	053	103	294	383	100	333	037	100	271	417	100	435	144	201	456	872
100	193	043	102	286	372	100	334	034	103	310	389	100	436	247	213	498	1078
100	194	036	099	294	362	100	335	030	101	298	379	100	437	050	096	237	424
100	195	037	094	283	358	100	336	019	095	369	368	100	438	207	203	483	972
100	196	032	094	288	358	100	337	020	092	322	351	100	439	044	096	233	414
100	197	030	099	349	334	100	338	014	099	344	374	100	440	030	096	337	402
100	198	033	097	346	348	100	339	009	093	332	361	100	441	006	093	344	375
100	199	103	127	344	553	100	340	019	094	272	418	100	442	009	094	330	342
100	200	099	128	333	527	100	341	013	091	272	419	100	443	020	094	348	337
100	201	096	135	440	534	100	342	007	093	305	401	100	444	032	097	349	381
100	202	065	116	330	497	100	343	008	093	319	401	100	445	043	108	416	466
100	203	057	105	305	427	100	344	001	100	302	353	100	446	089	198	481	878
100	204	051	098	317	414	100	345	006	100	304	371	100	447	210	196	380	1198
100	205	043	109	317	384	100	346	002	101	300	372	100	448	036	102	339	362
100	206	036	107	314	353	100	347	001	099	299	367	100	449	177	213	560	1255
100	207	032	106	304	349	100	348	006	090	293	399	100	450	026	101	360	328
100	208	034	106	303	375	100	401	059	086	251	393	100	451	002	090	321	299
100	209	014	089	263	326	100	402	025	093	275	339	100	452	010	091	285	329
100	301	061	093	253	389	100	403	014	096	294	332	100	453	008	090	340	277
100	302	052	093	275	366	100	404	017	099	375	393	100	454	014	094	315	348
100	303	046	093	286	376	100	405	046	118	516	359	100	455	018	097	338	317
100	304	050	104	291	363	100	406	042	104	333	472	100	456	022	107	473	477
100	305	066	103	288	388	100	407	083	109	309	463	100	457	090	166	504	839
100	306	061	102	269	376	100	408	238	169	238	848	100	458	190	180	617	942
100	307	070	104	332	426	100	409	361	184	237	020	100	459	016	096	251	406
100	308	070	098	250	389	100	410	028	107	333	389	100	460	184	165	273	977
100	309	075	095	230	383	100	411	114	101	195	459	100	461	005	092	280	371
100	310	081	098	247	386	100	412	004	107	376	401	100	462	001	093	287	366
100	311	065	100	254	394	100	413	018	106	331	408	100	463	004	094	313	326
100	312	074	115	288	449	100	414	035	100	307	564	100	464	025	088	297	258
100	313	083	116	277	547	100	415	059	125	408	562	100	465	032	090	328	285
100	314	051	112	325	400	100	416	197	145	274	781	100	466	032	095	330	297
100	315	087	118	267	510	100	417	053	096	238	415	100	467	041	109	385	358
100	316	086	114	339	586	100	418	040	097	243	376	100	468	029	154	533	601
100	317	081	110	331	476	100	419	010	096	270	329	100	469	008	152	680	594

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN
100	501	.292	.216	1.124	-.333	100	551	-.084	.141	.329	-.633	110	121	-.180	.128	.274	-.681
100	502	.363	.247	1.1254	-.471	100	552	-.086	.130	.612	-.356	110	122	-.403	.180	.165	-.1438
100	503	.305	.255	1.1075	-.754	100	553	-.106	.126	.613	-.365	110	123	-.390	.168	.194	-.1044
100	504	.137	.270	1.1042	-.945	100	554	-.077	.138	.321	-.513	110	124	-.387	.178	.293	-.1100
100	505	.090	.225	1.1022	-.765	100	555	-.079	.144	.395	-.656	110	125	-.340	.172	.353	-.1003
100	506	.028	.244	1.1209	-.867	100	556	-.067	.143	.478	-.986	110	126	-.309	.160	.310	-.1084
100	507	.256	.205	1.1933	-.519	100	901	-.184	.143	.268	-.775	110	127	-.262	.145	.289	-.1795
100	508	.363	.235	1.1156	-.391	100	902	-.206	.147	.330	-.791	110	128	-.221	.133	.223	-.823
100	509	.362	.275	1.1222	-.369	100	903	-.180	.181	.429	-.748	110	129	-.194	.131	.235	-.713
100	510	.163	.273	1.1968	-.712	100	904	-.016	.096	.361	-.323	110	130	-.188	.120	.214	-.655
100	511	.061	.165	1.1691	-.536	100	905	-.041	.107	.340	-.389	110	131	-.173	.116	.206	-.577
100	512	-.031	.173	1.1694	-.599	100	906	-.046	.107	.356	-.418	110	132	-.158	.110	.172	-.525
100	513	.125	.219	1.1934	-.686	100	907	-.069	.117	.318	-.439	110	133	-.156	.103	.138	-.545
100	514	.131	.179	1.1807	-.490	100	908	-.103	.148	.389	-.695	110	134	-.168	.104	.134	-.581
100	515	.282	.199	1.1600	-.429	100	909	-.101	.141	.365	-.587	110	135	-.168	.167	.085	-.595
100	516	-.106	.147	1.1505	-.984	100	910	-.046	.112	.475	-.451	110	136	-.164	.105	.153	-.517
100	517	.294	.197	1.1653	-.386	110	1	-.049	.129	.433	-.451	110	137	-.278	.138	.119	-.235
100	518	.362	.218	1.1204	-.370	110	2	-.025	.114	.359	-.485	110	138	-.293	.140	.093	-.357
100	519	.371	.245	1.1139	-.482	110	3	-.179	.161	.387	-.533	110	139	-.285	.137	.132	-.1426
100	520	.084	.244	1.1122	-.122	110	4	-.055	.200	.313	-.820	110	140	-.285	.139	.156	-.1419
100	521	.043	.131	1.1413	-.466	110	5	-.556	.200	.173	-.331	110	141	-.290	.134	.169	-.1010
100	522	.117	.136	1.1398	-.597	110	6	-.108	.118	.257	-.573	110	142	-.271	.128	.115	-.678
100	523	.279	.201	1.1036	-.489	110	7	-.088	.131	.279	-.585	110	143	-.234	.121	.133	-.725
100	524	.105	.137	1.1318	-.601	110	8	-.540	.141	.079	-.218	110	144	-.294	.114	.188	-.596
100	525	.283	.193	1.1098	-.379	110	9	-.420	.191	.367	-.453	110	145	-.186	.109	.156	-.614
100	526	.311	.204	1.1967	-.491	110	10	-.208	.135	.236	-.725	110	146	-.189	.105	.140	-.620
100	527	.291	.220	1.1082	-.404	110	11	-.162	.123	.284	-.776	110	147	-.173	.102	.154	-.653
100	528	.025	.218	1.1706	-.775	110	12	-.286	.135	.156	-.922	110	148	-.164	.100	.150	-.326
100	529	.051	.127	1.1331	-.514	110	13	-.405	.174	.176	-.1044	110	149	-.165	.101	.166	-.317
100	530	.109	.132	1.1304	-.610	110	14	-.512	.163	.073	-.1144	110	150	-.278	.121	.121	-.871
100	531	.238	.186	1.1808	-.585	110	101	-.602	.183	.006	-.1444	110	151	-.169	.100	.171	-.478
100	532	.089	.115	1.1461	-.366	110	102	-.584	.182	.172	-.1407	110	152	-.263	.122	.124	-.938
100	533	.209	.176	1.1791	-.366	110	103	-.461	.192	.234	-.1135	110	153	-.261	.125	.086	-.107
100	534	.268	.193	1.1970	-.366	110	104	-.357	.199	.233	-.1136	110	154	-.273	.125	.082	-.1017
100	535	.266	.190	1.1987	-.349	110	105	-.295	.182	.207	-.11309	110	155	-.275	.119	.064	-.957
100	536	.037	.197	1.1729	-.722	110	106	-.275	.171	.154	-.1076	110	156	-.279	.115	.136	-.687
100	537	.032	.114	1.1369	-.512	110	107	-.232	.154	.242	-.858	110	157	-.254	.121	.120	-.688
100	538	.078	.111	1.1259	-.557	110	108	-.185	.130	.196	-.730	110	158	-.237	.115	.172	-.686
100	539	.179	.163	1.1901	-.324	110	109	-.184	.145	.262	-.1069	110	159	-.197	.107	.145	-.544
100	540	.071	.113	1.1296	-.464	110	110	-.169	.123	.221	-.708	110	160	-.181	.105	.140	-.493
100	541	.117	.134	1.1748	-.261	110	111	-.165	.133	.302	-.1386	110	161	-.159	.104	.184	-.488
100	542	.156	.139	1.1834	-.213	110	112	-.159	.120	.289	-.658	110	162	-.159	.100	.168	-.470
100	543	.164	.144	1.1921	-.245	110	113	-.162	.117	.232	-.825	110	163	-.144	.100	.165	-.468
100	544	.060	.136	1.1614	-.362	110	114	-.368	.139	.032	-.937	110	164	-.142	.102	.171	-.468
100	545	.012	.112	1.1508	-.508	110	115	-.375	.151	.110	-.988	110	165	-.240	.124	.094	-.904
100	546	.014	.110	1.1405	-.581	110	116	-.371	.151	.145	-.1006	110	166	-.143	.086	.119	-.454
100	547	.018	.126	1.1568	-.503	110	117	-.279	.152	.233	-.877	110	167	-.244	.140	.102	-.1425
100	548	.042	.120	1.1421	-.596	110	118	-.242	.133	.159	-.739	110	168	-.247	.143	.103	-.1452
100	549	.079	.130	1.1410	-.593	110	119	-.205	.125	.243	-.653	110	169	-.248	.127	.189	-.958
100	550	.088	.133	1.1400	-.642	110	120	-.186	.121	.294	-.601	110	170	-.269	.119	.151	-.767

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	171	.272	.117	.171	-.668	110	312	-.167	.103	.147	-.562	110	414	-.011	.106	.402	-.335
110	172	.253	.116	.169	-.668	110	313	-.151	.093	.147	-.535	110	415	-.052	.132	.564	-.573
110	173	.191	.116	.235	-.444	110	314	-.121	.092	.191	-.463	110	416	-.216	.172	.456	-.846
110	174	.146	.103	.229	-.446	110	315	-.166	.093	.133	-.533	110	417	-.097	.101	.237	-.476
110	175	.132	.102	.215	-.446	110	316	-.158	.097	.170	-.478	110	418	-.068	.102	.270	-.495
110	176	.123	.099	.229	-.437	110	317	-.148	.094	.192	-.458	110	419	-.066	.100	.354	-.359
110	177	.124	.097	.180	-.440	110	318	-.139	.094	.184	-.421	110	420	-.028	.103	.457	-.338
110	178	.120	.094	.200	-.407	110	319	-.138	.094	.178	-.430	110	421	-.037	.103	.467	-.282
110	179	.122	.096	.199	-.409	110	320	-.112	.093	.194	-.473	110	422	-.032	.106	.448	-.309
110	180	.299	.156	.131	-1.097	110	321	-.138	.094	.139	-.510	110	423	-.021	.166	.475	-.774
110	181	.092	.099	.244	-.453	110	322	-.114	.093	.179	-.461	110	424	-.243	.189	.324	-1.002
110	182	.290	.153	.163	-1.097	110	323	-.138	.095	.154	-.499	110	425	-.271	.177	.298	-.943
110	183	.273	.137	.163	-.872	110	324	-.141	.100	.266	-.487	110	426	-.099	.101	.261	-.485
110	184	.267	.135	.266	-.881	110	325	-.130	.098	.295	-.482	110	427	-.285	.190	.466	-1.101
110	185	.208	.150	.223	-1.021	110	326	-.117	.098	.281	-.458	110	428	-.098	.094	.183	-.397
110	186	.220	.138	.176	-.795	110	327	-.114	.097	.274	-.445	110	429	-.075	.091	.201	-.383
110	187	.222	.146	.146	-.721	110	328	-.107	.095	.254	-.416	110	430	-.023	.091	.270	-.331
110	188	.228	.130	.163	-.722	110	329	-.125	.094	.215	-.419	110	431	-.024	.090	.313	-.289
110	189	.224	.139	.139	-.666	110	330	-.104	.093	.246	-.427	110	432	-.055	.096	.372	-.234
110	190	.233	.139	.227	-.666	110	331	-.113	.093	.241	-.391	110	433	-.091	.098	.404	-.211
110	191	.234	.135	.228	-.666	110	332	-.107	.093	.261	-.432	110	434	-.045	.168	.486	-.920
110	192	.161	.123	.295	-.539	110	333	-.107	.093	.245	-.464	110	435	-.267	.231	.497	-1.158
110	193	.122	.109	.280	-.444	110	334	-.098	.098	.269	-.485	110	436	-.067	.201	.460	-1.032
110	194	.110	.106	.345	-.444	110	335	-.091	.095	.295	-.446	110	437	-.093	.103	.261	-.408
110	195	.094	.102	.351	-.404	110	336	-.088	.103	.232	-.475	110	438	-.248	.200	.431	-1.187
110	196	.082	.100	.366	-.359	110	337	-.088	.098	.286	-.406	110	439	-.093	.105	.231	-.426
110	197	.077	.094	.203	-.402	110	338	-.098	.115	.242	-.599	110	440	-.075	.096	.257	-.397
110	198	.084	.094	.206	-.414	110	339	-.063	.099	.334	-.406	110	441	-.021	.094	.290	-.307
110	199	.261	.126	.202	-.936	110	340	-.058	.104	.363	-.404	110	442	-.018	.096	.343	-.284
110	200	.260	.121	.202	-.919	110	341	-.052	.101	.306	-.387	110	443	-.050	.097	.418	-.254
110	201	.258	.124	.146	-.764	110	342	-.047	.102	.318	-.389	110	444	-.068	.102	.447	-.244
110	202	.258	.125	.222	-.666	110	343	-.046	.103	.320	-.404	110	445	-.052	.144	.501	-.731
110	203	.163	.120	.221	-.566	110	344	-.047	.092	.280	-.352	110	446	-.223	.233	.494	-1.315
110	204	.108	.108	.215	-.444	110	345	-.053	.091	.285	-.375	110	447	-.255	.203	.379	-1.159
110	205	.106	.096	.222	-.446	110	346	-.046	.093	.288	-.360	110	448	-.102	.094	.183	-.389
110	206	.100	.096	.208	-.509	110	347	-.046	.091	.278	-.343	110	449	-.238	.191	.478	-1.282
110	207	.081	.096	.225	-.515	110	348	-.046	.094	.331	-.360	110	450	-.093	.093	.207	-.389
110	208	.076	.095	.239	-.467	110	401	-.122	.104	.190	-.531	110	451	-.033	.101	.267	-.399
110	209	.069	.097	.292	-.405	110	402	-.073	.099	.334	-.445	110	452	-.024	.098	.307	-.356
110	301	.113	.095	.183	-.457	110	403	-.053	.103	.351	-.409	110	453	-.023	.097	.352	-.303
110	302	.110	.098	.200	-.447	110	404	-.052	.105	.290	-.548	110	454	-.046	.101	.379	-.309
110	303	.102	.099	.230	-.430	110	405	-.059	.145	.633	-.499	110	455	-.072	.104	.423	-.311
110	304	.105	.107	.248	-.490	110	406	-.108	.112	.268	-.493	110	456	-.033	.138	.443	-.846
110	305	.103	.110	.245	-.499	110	407	-.133	.116	.216	-.532	110	457	-.146	.205	.471	-.929
110	306	.109	.109	.243	-.488	110	408	-.322	.201	.278	-.038	110	458	-.285	.192	.437	-1.036
110	307	.103	.103	.223	-.444	110	409	-.454	.165	.212	-.135	110	459	-.070	.099	.230	-.417
110	308	.117	.093	.437	-.494	110	410	-.061	.109	.368	-.429	110	460	-.148	.180	.365	-.896
110	309	.116	.092	.433	-.486	110	411	-.141	.100	.167	-.510	110	461	-.045	.097	.272	-.392
110	310	.136	.097	.442	-.494	110	412	-.141	.115	.514	-.328	110	462	-.049	.098	.307	-.384
110	311	.146	.098	.444	-.493	110	413	-.028	.111	.471	-.346	110	463	-.023	.097	.365	-.349



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	MD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	MD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
110	464	.028	.090	.276	-.295	110	545	.072	.142	.690	-.365	120	115	-.344	.130	.088	-.908
110	465	.050	.090	.323	-.263	110	546	.020	.133	.562	-.499	120	116	-.335	.129	.115	-.917
110	466	.072	.096	.378	-.258	110	547	.117	.155	.708	-.346	120	117	-.310	.125	.127	-.845
110	467	.101	.115	.485	-.264	110	548	.113	.145	.681	-.306	120	118	-.299	.119	.126	-.845
110	468	.103	.178	.644	-.711	110	549	-.269	.130	.311	-.754	120	119	-.283	.120	.155	-.649
110	469	.066	.177	.604	-1.002	110	550	-.272	.133	.291	-.761	120	120	-.281	.119	.125	-.713
110	501	.289	.152	.831	-.300	110	551	-.259	.132	.214	-1.279	120	121	-.264	.120	.156	-.804
110	502	.377	.168	.966	-.191	110	552	-.198	.161	.841	-.296	120	122	-.333	.132	.014	-1.072
110	503	.365	.176	1.163	-.334	110	553	-.194	.147	.768	-.271	120	123	-.328	.129	.007	-1.159
110	504	.327	.192	.972	-.399	110	554	-.246	.123	.204	-.753	120	124	-.331	.136	.073	-.943
110	505	.149	.166	.809	-.311	110	555	-.259	.129	.316	-.678	120	125	-.315	.131	.146	-.937
110	506	.010	.151	.378	-.706	110	556	-.243	.134	.426	-.805	120	126	-.313	.119	.081	-.850
110	507	.315	.154	.832	-.194	110	901	-.180	.121	.206	-.659	120	127	-.296	.116	.078	-.818
110	508	.466	.171	1.058	-.047	110	902	-.247	.148	.237	-.990	120	128	-.288	.117	.101	-.858
110	509	.529	.194	1.202	-.015	110	903	-.322	.161	.193	-1.003	120	129	-.290	.120	.188	-.720
110	510	.480	.207	1.194	-.358	110	904	-.066	.096	.268	-.403	120	130	-.286	.116	.142	-.676
110	511	.227	.148	.795	-.436	110	905	-.081	.094	.253	-.443	120	131	-.289	.117	.213	-.700
110	512	.008	.136	.486	-.498	110	906	-.195	.098	.219	-.463	120	132	-.243	.110	.259	-.646
110	513	.440	.193	1.250	-.620	110	907	-.105	.117	.183	-.627	120	133	-.216	.104	.101	-.633
110	514	.347	.158	.948	-.406	110	908	-.249	.130	.165	-.908	120	134	-.223	.105	.088	-.616
110	515	.346	.133	.841	-.071	110	909	-.251	.128	.138	-.698	120	135	-.316	.131	.038	-1.023
110	516	-.029	.137	.492	-.491	110	910	.111	.139	.724	-.372	120	136	-.228	.101	.100	-.822
110	517	.364	.135	.815	-.148	120	1	-.200	.148	.337	-.861	120	137	-.313	.137	.069	-1.059
110	518	.478	.154	.994	-.032	120	2	-.159	.145	.386	-.738	120	138	-.324	.140	.079	-1.350
110	519	.513	.180	1.170	-.013	120	3	-.156	.156	.369	-.701	120	139	-.318	.134	.099	-1.289
110	520	.401	.184	1.116	-.277	120	4	-.373	.186	.357	-1.134	120	140	-.316	.137	.087	-1.135
110	521	.095	.137	.784	-.352	120	5	-.615	.173	.036	-1.460	120	141	-.307	.127	.064	-1.772
110	522	.064	.123	.495	-.312	120	6	-.227	.156	.248	-1.213	120	142	-.312	.119	.112	-.698
110	523	.327	.143	.784	-.154	120	7	-.227	.162	.297	-1.006	120	143	-.306	.123	.066	-.678
110	524	.026	.120	.382	-.429	120	8	-.344	.147	.079	-1.053	120	144	-.279	.121	.127	-.677
110	525	.330	.143	.924	-.127	120	9	-.522	.186	.108	-1.163	120	145	-.268	.112	.132	-.663
110	526	.409	.163	.985	-.169	120	10	-.294	.153	.215	-.991	120	146	-.267	.111	.092	-.644
110	527	.473	.174	1.140	-.100	120	11	-.290	.176	.203	-1.158	120	147	-.244	.108	.107	-.627
110	528	.357	.181	1.119	-.498	120	12	-.366	.155	.121	-1.049	120	148	-.227	.105	.108	-.581
110	529	.089	.141	.621	-.425	120	13	-.490	.180	.050	-1.135	120	149	-.229	.103	.073	-.691
110	530	.056	.129	.409	-.583	120	14	-.528	.166	.044	-1.182	120	150	-.285	.121	.108	-1.079
110	531	.295	.134	.772	-.417	120	101	-.566	.164	.100	-1.252	120	151	-.223	.101	.067	-.566
110	532	.050	.118	.446	-.554	120	102	-.606	.170	.105	-1.257	120	152	-.277	.119	.111	-.990
110	533	.264	.129	.765	-.198	120	103	-.399	.151	.122	-1.046	120	153	-.293	.131	.096	-.960
110	534	.366	.145	.851	-.109	120	104	-.404	.175	.246	-1.324	120	154	-.297	.134	.116	-.942
110	535	.419	.167	.997	-.201	120	105	-.368	.186	.263	-1.487	120	155	-.298	.131	.248	-.967
110	536	.314	.180	.877	-.346	120	106	-.319	.176	.216	-1.215	120	156	-.311	.120	.202	-.747
110	537	.070	.134	.489	-.396	120	107	-.344	.164	.248	-1.229	120	157	-.314	.109	.030	-.734
110	538	.060	.123	.489	-.616	120	108	-.278	.153	.280	-1.105	120	158	-.273	.107	.003	-.716
110	539	.222	.136	.795	-.214	120	109	-.306	.190	.290	-1.474	120	159	-.273	.101	.086	-.633
110	540	.035	.122	.404	-.676	120	110	-.268	.164	.267	-1.289	120	160	-.281	.101	.090	-.618
110	541	.177	.122	.778	-.201	120	111	-.230	.143	.294	-1.138	120	161	-.260	.103	.072	-.628
110	542	.238	.137	.850	-.150	120	112	-.209	.124	.225	-1.180	120	162	-.239	.100	.106	-.601
110	543	.254	.162	1.026	-.187	120	113	-.211	.122	.189	-.671	120	163	-.217	.098	.165	-.587
110	544	.164	.174	1.136	-.331	120	114	-.340	.122	.080	-.785	120	164	-.218	.101	.141	-.588

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ) PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	165	-.272	.120	.135	-1.163	120	306	-.243	.124	.159	-.743	120	408	-.180	.244	.403	-1.456
120	166	-.187	.094	.134	-.523	120	307	-.180	.105	.209	-.512	120	409	-.337	.212	.334	-1.341
120	167	-.281	.126	.088	-.964	120	308	-.170	.099	.191	-.459	120	410	-.089	.118	.345	-.341
120	168	-.288	.129	.092	-1.016	120	309	-.168	.098	.187	-.453	120	411	-.159	.106	.233	-.565
120	169	-.299	.140	.092	-1.002	120	310	-.193	.103	.159	-.543	120	412	-.033	.111	.453	-.414
120	170	-.296	.125	.085	-1.098	120	311	-.220	.106	.134	-.679	120	413	-.021	.107	.431	-.354
120	171	-.305	.113	.032	-.701	120	312	-.260	.119	.078	-.799	120	414	.021	.097	.376	-.274
120	172	-.322	.108	.016	-.746	120	313	-.185	.093	.091	-.551	120	415	.022	.155	.608	-.505
120	173	-.297	.104	.031	-.650	120	314	-.168	.096	.111	-.542	120	416	-.025	.200	.691	-.802
120	174	-.229	.095	.061	-.555	120	315	-.195	.092	.066	-.565	120	417	-.164	.110	.213	-.571
120	175	-.221	.095	.105	-.565	120	316	-.192	.099	.146	-.552	120	418	-.103	.111	.281	-.514
120	176	-.205	.096	.159	-.575	120	317	-.181	.097	.150	-.524	120	419	.020	.113	.385	-.429
120	177	-.169	.097	.190	-.522	120	318	-.174	.097	.166	-.503	120	420	.059	.111	.485	-.324
120	178	-.154	.095	.149	-.557	120	319	-.174	.097	.165	-.495	120	421	.089	.109	.500	-.298
120	179	-.154	.097	.146	-.565	120	320	-.180	.096	.181	-.481	120	422	.106	.114	.379	-.232
120	180	-.288	.141	.092	-1.208	120	321	-.204	.096	.119	-.596	120	423	.125	.166	.611	-.661
120	181	-.138	.103	.327	-.511	120	322	-.176	.097	.180	-.545	120	424	-.032	.228	.753	-.933
120	182	-.322	.149	.125	-1.111	120	323	-.195	.097	.118	-.599	120	425	.077	.213	.766	-.812
120	183	-.302	.130	.105	-.889	120	324	-.184	.093	.119	-.586	120	426	-.150	.101	.183	-.494
120	184	-.294	.130	.066	-1.059	120	325	-.172	.091	.130	-.469	120	427	.077	.233	.752	-.905
120	185	-.281	.125	.206	-.930	120	326	-.166	.092	.142	-.437	120	428	-.137	.102	.238	-.435
120	186	-.282	.119	.115	-.900	120	327	-.164	.091	.142	-.443	120	429	.103	.100	.272	-.415
120	187	-.271	.118	.161	-.740	120	328	-.169	.095	.222	-.564	120	430	.022	.101	.345	-.360
120	188	-.271	.117	.158	-.763	120	329	-.179	.095	.193	-.580	120	431	.049	.103	.393	-.296
120	189	-.276	.118	.127	-.728	120	330	-.155	.094	.221	-.534	120	432	.100	.115	.486	-.288
120	190	-.276	.115	.100	-.780	120	331	-.163	.097	.264	-.565	120	433	.147	.119	.584	-.286
120	191	-.280	.115	.095	-.801	120	332	-.154	.103	.249	-.519	120	434	.165	.170	.555	-.282
120	192	-.265	.109	.097	-.762	120	333	-.142	.101	.246	-.464	120	435	.043	.261	.630	-.105
120	193	-.215	.096	.168	-.504	120	334	-.142	.105	.270	-.491	120	436	.061	.249	.611	-.053
120	194	-.201	.094	.222	-.506	120	335	-.134	.104	.274	-.486	120	437	.153	.098	.169	-.526
120	195	-.175	.093	.194	-.478	120	336	-.140	.104	.230	-.466	120	438	.052	.244	.602	-.942
120	196	-.151	.091	.221	-.417	120	337	-.144	.102	.241	-.520	120	439	.145	.099	.191	-.504
120	197	-.134	.097	.268	-.424	120	338	-.148	.105	.238	-.491	120	440	.104	.099	.241	-.445
120	198	-.136	.096	.296	-.419	120	339	-.131	.105	.225	-.470	120	441	.036	.098	.331	-.359
120	199	-.275	.115	.142	-.751	120	340	-.119	.103	.240	-.550	120	442	.033	.100	.394	-.273
120	200	-.279	.111	.114	-.718	120	341	-.119	.102	.235	-.514	120	443	.082	.103	.493	-.242
120	201	-.274	.117	.107	-.682	120	342	-.115	.104	.227	-.487	120	444	.126	.108	.558	-.285
120	202	-.265	.113	.129	-.685	120	343	-.115	.104	.192	-.503	120	445	.138	.146	.673	-.727
120	203	-.273	.117	.126	-.722	120	344	-.132	.113	.228	-.496	120	446	.036	.248	.733	-.012
120	204	-.259	.115	.113	-.624	120	345	-.132	.110	.260	-.463	120	447	.060	.239	.746	-.002
120	205	-.211	.109	.159	-.590	120	346	-.128	.111	.286	-.470	120	448	.142	.103	.206	-.510
120	206	-.206	.108	.176	-.541	120	347	-.125	.112	.261	-.444	120	449	.065	.219	.768	-.769
120	207	-.170	.104	.218	-.490	120	348	-.131	.105	.256	-.486	120	450	.133	.105	.237	-.512
120	208	-.152	.101	.208	-.492	120	401	-.209	.103	.141	-.635	120	451	.062	.099	.248	-.246
120	209	-.132	.099	.213	-.470	120	402	-.140	.113	.319	-.543	120	452	.048	.087	.265	-.386
120	301	-.173	.101	.210	-.660	120	403	-.096	.116	.402	-.441	120	453	.019	.088	.356	-.297
120	302	-.172	.104	.223	-.631	120	404	-.082	.113	.352	-.553	120	454	.070	.093	.427	-.160
120	303	-.176	.106	.210	-.577	120	405	-.032	.154	.711	-.491	120	455	.113	.100	.538	-.334
120	304	-.189	.116	.223	-.562	120	406	-.121	.117	.478	-.525	120	456	.124	.137	.534	-.399
120	305	-.242	.126	.187	-.664	120	407	-.101	.126	.526	-.573	120	457	.012	.217	.531	-.887

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	438	.064	.207	.562	-.870	120	539	.251	.130	.785	-.234	130	109	-.317	.185	.185	-1.741
120	439	.119	.163	.220	-.413	120	540	-.019	.126	.518	-.443	130	110	-.271	.130	.142	-1.220
120	460	-.027	.205	.550	-.934	120	541	.222	.121	.635	-.157	130	111	-.250	.120	.124	-.963
120	461	.144	.094	.166	-.476	120	542	.263	.127	.781	-.119	130	112	-.248	.122	.180	-.748
120	462	.106	.093	.235	-.453	120	543	.262	.134	.840	-.086	130	113	-.254	.122	.126	-.847
120	463	.050	.092	.287	-.386	120	544	.162	.160	.883	-.295	130	114	-.311	.108	.054	-.718
120	464	.035	.100	.397	-.267	120	545	.073	.134	.630	-.362	130	115	-.312	.111	.049	-.728
120	465	.076	.101	.440	-.246	120	546	.014	.128	.530	-.541	130	116	-.340	.107	.050	-.653
120	466	.116	.108	.531	-.217	120	547	.136	.173	.851	-.256	130	117	-.345	.106	.043	-.733
120	467	.161	.127	.637	-.247	120	548	.315	.161	.927	-.228	130	118	-.321	.106	.031	-.679
120	468	.160	.202	.751	-.332	120	549	-.135	.118	.060	-.963	130	119	-.321	.111	.081	-.671
120	469	.137	.199	.785	-.360	120	550	-.312	.122	.087	-1.074	130	120	-.315	.108	.040	-.688
120	501	.308	.181	.815	-.366	120	551	-.299	.116	.054	-.959	130	121	-.285	.108	.048	-.810
120	502	.354	.181	.887	-.322	120	552	.238	.167	.917	-.221	130	122	-.301	.105	.010	-.810
120	503	.359	.167	.912	-.212	120	553	.244	.149	.935	-.238	130	123	-.299	.105	.001	-.707
120	504	.293	1.055	-.210	-.488	120	554	.284	.112	.065	-.804	130	124	-.302	.109	.011	-.737
120	505	.142	.133	.930	-.448	120	555	.294	.125	.100	-1.112	130	125	-.311	.110	.031	-.722
120	506	.138	.138	.822	-.490	120	556	.279	.126	.256	-1.161	130	126	-.315	.103	.034	-.648
120	507	.368	.168	.970	-.209	120	557	.258	.110	.127	-.637	130	127	-.323	.105	.000	-.776
120	508	.468	.174	1.053	-.118	120	558	.253	.117	.218	-.736	130	128	-.333	.110	.002	-.734
120	509	.493	1.118	-.096	-.666	120	559	.311	.119	.120	-.933	130	129	-.305	.108	.059	-.668
120	510	.436	1.102	-.200	-.400	120	560	.149	.101	.191	-.513	130	130	-.287	.104	.086	-.621
120	511	.202	1.160	-.762	-.358	120	561	.149	.109	.218	-.546	130	131	-.287	.104	.112	-.606
120	512	.001	.136	.515	-.490	120	562	.206	.112	.167	-.612	130	132	-.254	.104	.137	-.604
120	513	.365	1.093	-.230	-.400	120	563	.281	.121	.115	-.845	130	133	-.241	.109	.149	-.650
120	514	.310	.174	.925	-.231	120	564	.285	.122	.132	-.752	130	134	-.244	.109	.138	-.668
120	515	.397	.155	.918	-.065	120	565	.304	.130	.156	-.729	130	135	-.297	.118	.040	-1.020
120	516	.014	.128	.517	-.381	120	566	.115	.150	.756	-.357	130	136	-.244	.108	.126	-.637
120	517	.405	.151	.985	.032	130	567	.292	.166	.306	-.929	130	137	-.290	.113	.042	-1.409
120	518	.482	.159	1.053	.013	130	568	.274	.137	.270	-.888	130	138	-.294	.114	.096	-1.387
120	519	.313	1.107	-.024	-.444	130	569	.257	.160	.383	-.776	130	139	-.296	.116	.079	-.940
120	520	.415	.182	.938	.294	130	570	.422	.180	.243	-1.115	130	140	-.298	.111	.109	-.844
120	521	.148	.139	.622	-.274	130	571	.352	.181	.014	-1.367	130	141	-.302	.110	.076	-.851
120	522	.012	.121	.389	-.421	130	572	.342	.160	.217	-1.042	130	142	-.311	.103	.046	-.666
120	523	.394	1.002	-.060	-.480	130	573	.300	.160	.212	-1.033	130	143	-.333	.103	.050	-.688
120	524	.000	.121	.465	-.480	130	574	.494	.155	.662	-1.184	130	144	-.300	.101	.062	-.650
120	525	.386	.147	.886	-.109	130	575	.482	.174	.224	-1.236	130	145	-.299	.103	.013	-.653
120	526	.459	1.073	-.061	-.661	130	576	.349	.171	.238	-1.248	130	146	-.287	.106	.079	-.652
120	527	.489	1.145	-.045	-.445	130	577	.373	.182	.144	-1.886	130	147	-.286	.106	.153	-.626
120	528	.394	1.044	-.178	-.448	130	578	.384	.148	.175	-1.114	130	148	-.247	.107	.137	-.618
120	529	.141	.146	.761	-.289	130	579	.472	.160	.035	-.999	130	149	-.247	.104	.060	-.708
120	530	.023	.127	.488	-.448	130	580	.463	.155	.005	-1.090	130	150	-.266	.102	.055	-.650
120	531	.349	.147	.844	-.127	130	581	.443	.147	.020	-.992	130	151	-.237	.101	.065	-.684
120	532	.013	.121	.433	-.380	130	582	.488	.166	.021	-1.108	130	152	-.266	.108	.053	-.774
120	533	.316	.141	.850	-.145	130	583	.364	.125	.088	-.810	130	153	-.280	.126	.058	-1.016
120	534	.385	.146	.941	-.060	130	584	.358	.132	.049	-1.070	130	154	-.282	.129	.066	-.960
120	535	.427	.154	.995	-.034	130	585	.354	.135	.179	-1.324	130	155	-.285	.124	.048	-1.070
120	536	.354	1.049	-.228	-.448	130	586	.339	.169	.169	-.941	130	156	-.330	.115	.060	-.776
120	537	.129	.135	.613	-.270	130	587	.328	.166	.132	-1.323	130	157	-.330	.108	.031	-.702
120	538	.007	.119	.427	-.423	130	588	.339	.162	.151	-1.567	130	158	-.344	.105	.005	-.731

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
1330	139	.304	.100	.008	.674	1330	209	.201	.113	.129	.568	130	402	.165	.114	.244	.585
1330	160	.289	.101	.005	.674	1330	210	.258	.122	.127	.797	130	403	.097	.118	.298	.507
1330	161	.271	.100	.087	.573	1330	211	.253	.124	.142	.753	130	404	.066	.114	.304	.488
1330	162	.234	.099	.180	.564	1330	212	.253	.123	.134	.786	130	405	.034	.147	.638	.466
1330	163	.212	.099	.175	.564	1330	213	.264	.125	.173	.714	130	406	.063	.120	.399	.490
1330	164	.211	.100	.120	.560	1330	214	.349	.140	.128	.824	130	407	.010	.130	.478	.494
1330	165	.276	.121	.083	.192	1330	215	.341	.138	.120	.844	130	408	.047	.171	.490	.743
1330	166	.206	.097	.097	.591	1330	216	.351	.116	.138	.734	130	409	.044	.238	.555	.909
1330	167	.285	.129	.096	.990	1330	217	.246	.115	.112	.734	130	410	.092	.128	.474	.583
1330	168	.290	.131	.094	.047	1330	218	.250	.110	.128	.701	130	411	.145	.119	.320	.641
1330	169	.295	.137	.119	.301	1330	219	.260	.112	.089	.674	130	412	.086	.136	.485	.348
1330	170	.298	.137	.085	.034	1330	220	.260	.121	.074	.759	130	413	.051	.130	.486	.387
1330	171	.304	.108	.043	.000	1330	221	.311	.122	.087	.812	130	414	.101	.127	.498	.331
1330	172	.325	.104	.086	.000	1330	222	.347	.130	.141	.583	130	415	.250	.161	.726	.351
1330	173	.325	.107	.086	.000	1330	223	.240	.103	.138	.556	130	416	.178	.205	.836	.648
1330	174	.274	.098	.127	.621	1330	224	.214	.101	.106	.630	130	417	.168	.095	.135	.605
1330	175	.259	.099	.135	.601	1330	225	.244	.101	.099	.896	130	418	.092	.099	.232	.498
1330	176	.240	.101	.168	.589	1330	226	.236	.107	.092	.693	130	419	.016	.106	.385	.389
1330	177	.210	.108	.135	.613	1330	227	.224	.106	.122	.686	130	420	.103	.126	.581	.294
1330	178	.203	.110	.155	.616	1330	228	.221	.107	.131	.678	130	421	.143	.129	.606	.325
1330	179	.208	.114	.173	.645	1330	229	.220	.111	.132	.550	130	422	.182	.135	.654	.284
1330	180	.207	.135	.088	.986	1330	230	.248	.118	.091	.933	130	423	.265	.155	.833	.318
1330	181	.305	.119	.158	.755	1330	231	.213	.110	.124	.566	130	424	.223	.211	.831	.544
1330	182	.318	.134	.043	.048	1330	232	.239	.118	.122	.912	130	425	.178	.225	.860	.736
1330	183	.304	.122	.033	.852	1330	233	.244	.117	.171	.680	130	426	.152	.113	.324	.553
1330	184	.300	.121	.041	.844	1330	234	.255	.112	.188	.613	130	427	.192	.245	.872	.635
1330	185	.300	.115	.099	.887	1330	235	.215	.113	.189	.613	130	428	.154	.104	.223	.525
1330	186	.300	.110	.063	.788	1330	236	.207	.113	.215	.630	130	429	.108	.104	.276	.490
1330	187	.292	.119	.063	.799	1330	237	.207	.105	.217	.634	130	430	.004	.109	.369	.386
1330	188	.292	.111	.107	.799	1330	238	.203	.111	.193	.589	130	431	.104	.114	.491	.307
1330	189	.300	.119	.088	.816	1330	239	.203	.110	.221	.589	130	432	.168	.124	.587	.231
1330	190	.306	.110	.027	.673	1330	240	.203	.116	.217	.149	130	433	.292	.130	.661	.232
1330	191	.313	.112	.039	.639	1330	241	.213	.110	.132	.653	130	434	.283	.153	.773	.574
1330	192	.316	.111	.064	.633	1330	242	.211	.106	.135	.513	130	435	.233	.249	.872	.768
1330	193	.251	.105	.102	.583	1330	243	.206	.110	.170	.588	130	436	.153	.253	.764	.864
1330	194	.250	.105	.068	.583	1330	244	.202	.107	.144	.607	130	437	.168	.097	.227	.497
1330	195	.227	.107	.092	.547	1330	245	.203	.109	.202	.558	130	438	.139	.239	.770	.676
1330	196	.205	.111	.149	.550	1330	246	.208	.107	.170	.561	130	439	.159	.099	.204	.514
1330	197	.224	.111	.197	.586	1330	247	.227	.112	.171	.590	130	440	.095	.107	.235	.482
1330	198	.234	.109	.175	.607	1330	248	.202	.109	.190	.544	130	441	.016	.107	.284	.363
1330	199	.300	.119	.141	.701	1330	249	.192	.106	.153	.523	130	442	.081	.111	.434	.278
1330	200	.300	.116	.141	.731	1330	250	.203	.106	.166	.578	130	443	.149	.114	.566	.227
1330	201	.300	.110	.033	.717	1330	251	.200	.103	.164	.525	130	444	.206	.123	.656	.138
1330	202	.304	.103	.039	.717	1330	252	.206	.101	.166	.545	130	445	.244	.137	.729	.469
1330	203	.222	.103	.039	.999	1330	253	.215	.106	.143	.604	130	446	.200	.215	.783	.599
1330	204	.224	.101	.043	.679	1330	254	.215	.106	.154	.655	130	447	.136	.235	.754	.652
1330	205	.242	.105	.072	.641	1330	255	.196	.102	.151	.686	130	448	.159	.099	.710	.513
1330	206	.259	.107	.071	.646	1330	256	.176	.101	.178	.499	130	449	.099	.225	.723	.929
1330	207	.255	.108	.125	.613	1330	257	.183	.103	.164	.537	130	450	.174	.099	.190	.521
1330	208	.212	.108	.188	.622	1330	258	.272	.115	.121	.653	130	451	.091	.110	.257	.518

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	432	.044	.096	.315	-.350	130	533	.351	.139	.811	-.212	140	103	-.363	.114	-.021	-.783
130	433	.031	.094	.331	-.293	130	534	.389	.150	.868	-.080	140	104	-.356	.118	-.021	-.842
130	434	.094	.097	.406	-.208	130	535	.360	.154	1.053	-.085	140	105	-.360	.114	.009	-.941
130	435	.146	.101	.472	-.157	130	536	.226	.169	1.013	-.346	140	106	-.385	.141	.052	-1.358
130	436	.196	.138	.924	-.655	130	537	.064	.132	.590	-.347	140	107	-.353	.154	.073	-1.359
130	437	.122	.208	.976	-.740	130	538	-.052	.121	.358	-.470	140	108	-.300	.137	.089	-1.541
130	438	.079	.220	1.004	-.795	130	539	-.271	.130	.810	-.179	140	109	-.301	.123	.143	-.941
130	439	.189	.104	.196	-.495	130	540	-.063	.126	.444	-.490	140	110	-.295	.123	.168	-1.141
130	460	.123	.170	.730	-.613	130	541	-.241	.125	.728	-.143	140	111	-.292	.126	.117	-1.079
130	461	.184	.114	.156	-.682	130	542	.263	.128	.795	-.164	140	112	-.290	.131	.119	-.916
130	462	.123	.110	.240	-.610	130	543	.268	.139	.896	-.235	140	113	-.307	.140	.122	-.882
130	463	.033	.110	.389	-.467	130	544	.127	.166	.922	-.447	140	114	-.316	.114	.042	-.686
130	464	.083	.103	.431	-.298	130	545	.049	.139	.684	-.435	140	115	-.322	.115	.070	-.755
130	465	.138	.105	.501	-.240	130	546	-.013	.133	.610	-.509	140	116	-.319	.114	.089	-.742
130	466	.182	.113	.665	-.188	130	547	.119	.170	1.051	-.323	140	117	-.316	.101	-.006	-.680
130	467	.217	.123	.767	-.211	130	548	-.132	.155	.957	-.366	140	118	-.321	.100	.026	-.723
130	468	.253	.170	.789	-.690	130	549	-.303	.111	.086	-.806	140	119	-.322	.104	.046	-.727
130	469	.237	.173	.789	-.964	130	550	-.307	.113	.083	-.811	140	120	-.308	.105	.052	-.682
130	501	.349	.183	.946	-.286	130	551	-.313	.118	.068	-.951	140	121	-.303	.106	.000	-.706
130	502	.349	.183	.946	-.277	130	552	-.140	.160	.950	-.305	140	122	-.317	.104	-.000	-.706
130	503	.291	.181	.858	-.449	130	553	-.190	.148	.872	-.199	140	123	-.322	.105	.002	-.715
130	504	.162	.182	.729	-.665	130	554	-.299	.113	.088	-.712	140	124	-.320	.107	.008	-.734
130	505	.034	.141	.534	-.417	130	555	-.292	.119	.115	-.769	140	125	-.310	.106	.036	-.799
130	506	.098	.124	.337	-.515	130	556	-.282	.115	.145	-.803	140	126	-.318	.101	.020	-.696
130	507	.451	.181	.994	-.362	130	901	-.309	.107	.077	-.668	140	127	-.338	.106	-.005	-.757
130	508	.497	.177	1.021	-.187	130	902	-.332	.104	.103	-.702	140	128	-.337	.110	.003	-.831
130	509	.462	.186	1.057	-.213	130	903	-.331	.106	.018	-.729	140	129	-.295	.101	.042	-.689
130	510	.331	.203	.954	-.428	130	904	-.222	.103	.142	-.565	140	130	-.283	.101	.075	-.631
130	511	.147	.145	.708	-.330	130	905	-.210	.123	.261	-.569	140	131	-.285	.104	.068	-.642
130	512	.045	.125	.510	-.489	130	906	-.245	.118	.178	-.591	140	132	-.271	.105	.037	-.701
130	513	.274	.181	.883	-.328	130	907	-.294	.117	.094	-.721	140	133	-.276	.122	.134	-.785
130	514	.260	.161	.783	-.380	130	908	-.288	.127	.153	-.759	140	134	-.275	.121	.118	-.775
130	515	.451	.176	1.207	-.180	130	909	-.306	.112	.017	-.714	140	135	-.294	.115	.145	-.804
130	516	.041	.132	.523	-.511	130	910	-.166	.132	.817	-.282	140	136	-.280	.122	.095	-.781
130	517	.449	.175	1.025	-.103	140	1	-.374	.181	.170	-1.199	140	137	-.284	.109	.104	-.701
130	518	.483	.179	1.066	-.035	140	2	-.354	.169	.191	-1.354	140	138	-.281	.109	.094	-.906
130	519	.501	.200	1.200	-.031	140	3	-.287	.152	.228	-.837	140	139	-.292	.112	.111	-.770
130	520	.343	.204	1.158	-.266	140	4	-.386	.164	.397	-1.209	140	140	-.299	.111	.101	-.914
130	521	.116	.152	.793	-.305	140	5	-.575	.204	.013	-1.488	140	141	-.323	.110	.022	-.740
130	522	.028	.131	.513	-.392	140	6	-.390	.194	.161	-1.266	140	142	-.340	.107	.010	-.683
130	523	.446	.175	1.130	-.084	140	7	-.428	.160	.061	-1.065	140	143	-.361	.111	.002	-.760
130	524	.061	.132	.436	-.620	140	8	-.502	.150	.028	-1.009	140	144	-.327	.106	-.002	-.687
130	525	.415	.169	1.189	-.111	140	9	-.491	.168	.004	-1.115	140	145	-.299	.104	.082	-.715
130	526	.436	.170	1.135	-.047	140	10	-.388	.166	.191	-1.253	140	146	-.282	.107	.116	-.722
130	527	.472	.186	1.170	-.069	140	11	-.387	.166	.128	-1.479	140	147	-.271	.113	.123	-.828
130	528	.321	.197	.974	-.246	140	12	-.369	.132	.090	-.926	140	148	-.267	.117	.108	-.826
130	529	.116	.145	.629	-.337	140	13	-.436	.146	.047	-1.066	140	149	-.265	.107	.103	-.752
130	530	.034	.126	.440	-.470	140	14	-.455	.150	-.017	-1.191	140	150	-.262	.104	.107	-.708
130	531	.398	.151	.965	-.083	140	101	-.401	.124	-.029	-.859	140	151	-.262	.107	.115	-.756
130	532	.032	.119	.404	-.366	140	102	-.429	.140	-.036	-1.026	140	152	-.265	.108	.097	-.845

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ) PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	153	274	.112	.136	-.793	140	203	300	.107	.048	-.693	140	344	260	.112	.060	-.743
140	154	273	.116	.136	-.794	140	204	295	.104	.006	-.679	140	345	219	.107	.081	-.623
140	155	293	.113	.095	-.937	140	205	260	.106	.086	-.637	140	346	224	.108	.074	-.671
140	156	309	.105	.082	-.720	140	206	258	.105	.074	-.637	140	347	205	.105	.108	-.640
140	157	335	.107	.022	-.693	140	207	245	.109	.154	-.688	140	348	205	.109	.170	-.593
140	158	340	.105	.089	-.763	140	208	246	.117	.233	-.664	140	401	264	.104	.056	-.646
140	159	305	.102	.069	-.637	140	209	244	.109	.147	-.606	140	402	135	.115	.267	-.525
140	160	333	.101	.057	-.612	140	301	300	.128	.075	-.866	140	403	063	.122	.350	-.533
140	161	238	.102	.138	-.755	140	302	296	.129	.073	-.922	140	404	036	.127	.399	-.508
140	162	234	.103	.087	-.894	140	303	294	.127	.106	-.917	140	405	055	.151	.676	-.465
140	163	243	.107	.058	-.899	140	304	303	.132	.192	-.799	140	406	007	.132	.423	-.445
140	164	248	.108	.086	-.899	140	305	371	.146	.120	-.926	140	407	057	.141	.536	-.436
140	165	253	.117	.130	-.724	140	306	360	.144	.100	-.942	140	408	154	.144	.686	-.442
140	166	255	.111	.141	-.675	140	307	360	.133	.144	-.868	140	409	179	.189	.738	-.646
140	167	259	.121	.085	-.910	140	308	284	.118	.255	-.824	140	410	061	.135	.464	-.505
140	168	262	.123	.088	-.892	140	309	287	.111	.052	-.738	140	411	100	.132	.328	-.580
140	169	282	.123	.117	-1.060	140	310	287	.115	.119	-.796	140	412	143	.145	.583	-.370
140	170	279	.113	.090	-.660	140	311	357	.122	-.007	-.844	140	413	134	.141	.628	-.342
140	171	306	.111	.119	-.701	140	312	432	.157	.078	-1.116	140	414	191	.145	.701	-.268
140	172	328	.108	.075	-.690	140	313	308	.128	.149	-1.085	140	415	343	.161	.859	-.179
140	173	324	.125	.137	-.763	140	314	274	.117	.141	-.752	140	416	369	.199	.018	-.297
140	174	270	.114	.180	-.699	140	315	306	.131	.149	-1.085	140	417	166	.111	.233	-.624
140	175	254	.113	.215	-.676	140	316	288	.125	.110	-.810	140	418	073	.117	.324	-.537
140	176	238	.115	.212	-.701	140	317	277	.119	.145	-.712	140	419	062	.126	.499	-.417
140	177	237	.110	.157	-.606	140	318	264	.117	.110	-.691	140	420	173	.131	.632	-.212
140	178	249	.113	.110	-.679	140	319	257	.117	.120	-.672	140	421	222	.134	.621	-.181
140	179	256	.115	.182	-.723	140	320	244	.118	.123	-.678	140	422	267	.142	.698	-.149
140	180	297	.127	.107	-.951	140	321	278	.132	.080	-1.012	140	423	357	.156	.813	-.107
140	181	242	.114	.189	-.656	140	322	238	.118	.112	-.709	140	424	394	.195	.065	-.323
140	182	301	.126	.104	-.932	140	323	271	.132	.084	-.940	140	425	389	.213	.111	-.313
140	183	292	.119	.110	-.866	140	324	285	.132	.087	-1.026	140	426	165	.099	.214	-.509
140	184	292	.116	.077	-.732	140	325	269	.122	.097	-.822	140	427	409	.226	.087	-.493
140	185	316	.110	.019	-.684	140	326	249	.120	.093	-.722	140	428	158	.110	.209	-.482
140	186	320	.107	.017	-.684	140	327	245	.119	.098	-.690	140	429	079	.111	.289	-.433
140	187	306	.110	.053	-.693	140	328	256	.109	.091	-.671	140	430	052	.121	.487	-.340
140	188	306	.109	.024	-.693	140	329	286	.113	.064	-.684	140	431	170	.131	.602	-.195
140	189	291	.115	.186	-.671	140	330	288	.108	.101	-.704	140	432	251	.129	.719	-.162
140	190	297	.110	.202	-.696	140	331	274	.113	.073	-.806	140	433	324	.133	.798	-.091
140	191	306	.110	.138	-.720	140	332	274	.123	.042	-1.034	140	434	391	.147	.912	-.111
140	192	304	.108	.125	-.672	140	333	272	.115	.040	-.858	140	435	408	.191	.037	-.517
140	193	265	.107	.104	-.719	140	334	268	.120	.063	-.969	140	436	392	.223	.244	-.419
140	194	253	.106	.187	-.685	140	335	260	.115	.055	-.858	140	437	160	.110	.287	-.642
140	195	240	.110	.209	-.684	140	336	252	.112	.134	-.639	140	438	363	.214	.218	-.535
140	196	238	.112	.134	-.610	140	337	245	.110	.096	-1.005	140	439	167	.111	.238	-.697
140	197	247	.118	.169	-.755	140	338	289	.125	.119	-.894	140	440	098	.115	.303	-.419
140	198	247	.115	.109	-.660	140	339	239	.110	.086	-.732	140	441	025	.112	.453	-.291
140	199	284	.114	.098	-.677	140	340	236	.112	.120	-.742	140	442	133	.117	.553	-.196
140	200	291	.112	.084	-.666	140	341	233	.116	.117	-.741	140	443	204	.121	.657	-.140
140	201	291	.113	.061	-.726	140	342	233	.111	.095	-.696	140	444	273	.130	.787	-.174
140	202	290	.105	.055	-.667	140	343	253	.112	.089	-.674	140	445	335	.141	.853	-.165

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	446	.350	.177	.913	-.535	140	527	.354	.183	1.016	-.219	150	11	-.381	.154	.023	-1.033
140	447	.342	.198	.907	-.475	140	528	.131	.193	.837	-.527	150	12	-.358	.134	.066	-.946
140	448	-.105	.201	-.533	.000	140	529	.007	.131	.542	-.464	150	13	-.415	.147	.059	-1.204
140	449	.317	.175	.897	-.475	140	530	.117	.115	.350	-.555	150	14	-.434	.155	.033	-1.171
140	450	-.174	.105	.273	-.593	140	531	-.375	.174	.933	-.164	150	101	-.364	.117	.003	-.840
140	451	-.082	.102	.247	-.482	140	532	-.089	.118	.464	-.412	150	102	-.377	.128	.021	-.930
140	452	.092	.097	.354	-.333	140	533	-.329	.166	.824	-.233	150	103	-.341	.113	.040	-.754
140	453	.118	.099	.478	-.211	140	534	-.339	.165	.931	-.138	150	104	-.334	.112	.052	-.726
140	454	.191	.105	.642	-.224	140	535	.307	.173	1.013	-.138	150	105	-.334	.127	.101	-.916
140	455	.243	.110	.643	-.154	140	536	.197	.137	.987	-.481	150	106	-.333	.130	.089	-.777
140	456	.260	.131	.744	-.159	140	537	-.065	.137	.621	-.408	150	107	-.296	.130	.071	-1.519
140	457	.263	.146	.779	-.383	140	538	-.105	.120	.350	-.463	150	108	-.307	.121	.096	-.769
140	458	.239	.167	.779	-.500	140	539	-.152	.132	.779	-.326	150	109	-.324	.122	.081	-.777
140	459	.214	.117	.159	-.639	140	540	-.115	.122	.451	-.536	150	110	-.319	.120	.116	-.777
140	460	.233	.152	.836	-.377	140	541	-.238	.135	.726	-.118	150	111	-.316	.124	.129	-.849
140	461	.222	.118	.087	-.677	140	542	.247	.137	.758	-.141	150	112	-.319	.127	.101	-.893
140	462	.151	.113	.188	-.454	140	543	.236	.142	.797	-.188	150	113	-.322	.129	.119	-1.001
140	463	.013	.111	.341	-.457	140	544	.066	.134	.825	-.416	150	114	-.301	.101	.073	-.693
140	464	.143	.121	.747	-.222	140	545	.019	.130	.575	-.425	150	115	-.299	.101	.077	-.681
140	465	.210	.127	.901	-.223	140	546	.039	.126	.499	-.545	150	116	-.300	.099	.080	-.702
140	466	.307	.140	1.049	-.173	140	547	.063	.131	.583	-.509	150	117	-.297	.105	.035	-.614
140	467	.374	1.173	1.173	-.166	140	548	.064	.131	.581	-.456	150	118	-.299	.104	.019	-.612
140	468	.309	.140	.897	-.367	140	549	-.311	.121	.177	-.752	150	119	-.299	.106	.025	-.652
140	469	.270	.134	.763	-.426	140	550	-.312	.123	.164	-.871	150	120	-.299	.108	.085	-.672
140	501	.370	1.001	1.001	-.638	140	551	-.333	.120	.054	-.872	150	121	-.290	.107	.042	-.714
140	502	.345	.187	.895	-.455	140	552	-.332	.142	.722	-.333	150	122	-.292	.099	.014	-.648
140	503	.215	.185	.831	-.524	140	553	-.156	.144	.767	-.250	150	123	-.290	.100	.020	-.650
140	504	.048	.186	.758	-.687	140	554	-.321	.119	.073	-.789	150	124	-.289	.100	.021	-.635
140	505	.070	.141	.512	-.494	140	555	-.310	.120	.083	-.702	150	125	-.295	.097	.002	-.625
140	506	.144	.128	.334	-.531	140	556	-.318	.116	.037	-.718	150	126	-.305	.096	.005	-.683
140	507	.471	.204	1.144	-.688	140	557	-.293	.109	.047	-.713	150	127	-.313	.100	.033	-.706
140	508	.468	.194	.698	-.722	140	558	-.322	.111	.007	-.691	150	128	-.309	.103	.071	-.832
140	509	.384	1.198	1.015	-.709	140	559	-.333	.109	.019	-.712	150	129	-.296	.104	.039	-.647
140	510	.184	.142	.850	-.457	140	560	-.233	.124	.156	-.794	150	130	-.300	.105	.033	-.666
140	511	.088	.142	.634	-.457	140	561	-.222	.117	.196	-.688	150	131	-.300	.112	.054	-.721
140	512	.099	.127	.365	-.554	140	562	-.233	.110	.088	-.683	150	132	-.291	.115	.060	-.763
140	513	.166	.177	.868	-.425	140	563	-.233	.122	.055	-.782	150	133	-.291	.117	.065	-.784
140	514	.205	.161	.812	-.400	140	564	-.299	.126	.073	-.759	150	134	-.299	.117	.096	-.810
140	515	.560	2.077	1.198	-.167	140	565	-.299	.120	.122	-.755	150	135	-.299	.101	.096	-.634
140	516	.124	.118	.233	-.504	140	566	-.086	.130	.939	-.407	150	136	-.296	.118	.029	-.759
140	517	.545	2.00	1.130	-.163	150	1	-.081	.180	.275	-1.306	150	137	-.273	.099	.107	-.624
140	518	.550	1.193	1.114	-.142	150	2	-.377	.187	.165	-1.271	150	138	-.278	.098	.093	-.631
140	519	.424	.187	1.049	-.119	150	3	-.337	.162	.192	-.994	150	139	-.283	.100	.078	-.693
140	520	.156	1.195	.730	-.385	150	4	-.343	.160	.344	-1.027	150	140	-.286	.098	.068	-.645
140	521	.050	.133	.476	-.417	150	5	-.332	.208	.205	-1.492	150	141	-.302	.101	.054	-.616
140	522	.119	.119	.320	-.559	150	6	-.399	.177	.155	-1.592	150	142	-.321	.101	.032	-.727
140	523	.442	.189	1.133	-.143	150	7	-.428	.163	.211	-1.146	150	143	-.325	.105	.036	-.771
140	524	.111	.118	.497	-.323	150	8	-.484	.166	.043	-1.162	150	144	-.291	.102	.032	-.632
140	525	.401	.183	1.033	-.323	150	9	-.487	.178	.173	-1.327	150	145	-.278	.102	.080	-.599
140	526	.433	1.017	1.017	-.666	150	10	-.462	.170	.126	-1.451	150	146	-.278	.107	.096	-.704

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	147	-.273	.112	.076	-.668	150	197	-.265	.120	.083	-.757	150	338	-.383	.152	.073	-1.086
150	148	-.279	.114	.082	-.684	150	198	-.272	.119	.089	-.760	150	339	-.278	.118	.115	-.722
150	149	-.289	.117	.110	-.779	150	199	-.275	.114	.085	-.704	150	340	-.264	.118	.086	-.728
150	150	-.289	.102	.098	-.628	150	200	-.282	.112	.061	-.695	150	341	-.298	.125	.079	-.822
150	151	-.288	.118	.065	-.733	150	201	-.293	.113	.071	-.684	150	342	-.265	.117	.073	-.659
150	152	-.248	.104	.115	-.623	150	202	-.302	.109	.067	-.689	150	343	-.292	.119	.050	-.725
150	153	-.250	.097	.043	-.593	150	203	-.307	.110	.045	-.694	150	344	-.332	.126	.083	-.795
150	154	-.260	.097	.028	-.635	150	204	-.291	.107	.067	-.623	150	345	-.274	.118	.085	-.686
150	155	-.274	.096	.018	-.647	150	205	-.235	.105	.163	-.581	150	346	-.276	.119	.092	-.665
150	156	-.291	.095	-.018	-.669	150	206	-.235	.104	.167	-.582	150	347	-.257	.115	.106	-.619
150	157	-.317	.102	.000	-.680	150	207	-.240	.108	.193	-.571	150	348	-.245	.116	.181	-.705
150	158	-.319	.102	.006	-.765	150	208	-.251	.113	.229	-.668	150	401	-.221	.121	.195	-.592
150	159	-.280	.095	.048	-.597	150	209	-.258	.112	.133	-.661	150	402	-.111	.128	.299	-.762
150	160	-.262	.096	.048	-.580	150	301	-.338	.141	.091	-.995	150	403	-.030	.136	.428	-.672
150	161	-.258	.106	.116	-.676	150	302	-.332	.141	.070	-1.069	150	404	.009	.140	.462	-.473
150	162	-.271	.108	.081	-.696	150	303	-.332	.140	.093	-1.125	150	405	.074	.151	.715	-.391
150	163	-.289	.111	.052	-.791	150	304	-.343	.137	.116	-.898	150	406	.055	.151	.559	-.446
150	164	-.294	.113	.053	-.851	150	305	-.400	.150	.120	-1.113	150	407	.121	.160	.620	-.397
150	165	-.248	.106	.114	-.684	150	306	-.385	.145	.146	-1.083	150	408	.217	.169	.714	-.317
150	166	-.280	.122	.150	-.783	150	307	-.331	.139	.253	-.953	150	409	.267	.183	.845	-.324
150	167	-.247	.107	.117	-.699	150	308	-.335	.145	.137	-1.024	150	410	.005	.159	.626	-.577
150	168	-.248	.108	.115	-.751	150	309	-.328	.137	.098	-.836	150	411	-.023	.162	.624	-.580
150	169	-.262	.110	.086	-.693	150	310	-.322	.138	.185	-.785	150	412	.256	.168	.913	-.275
150	170	-.283	.108	.098	-.754	150	311	-.412	.146	.033	-.955	150	413	.263	.163	.913	-.223
150	171	-.309	.116	.077	-.734	150	312	-.435	.166	.060	-1.273	150	414	.337	.168	.951	-.166
150	172	-.321	.123	.108	-.878	150	313	-.311	.141	.186	-.931	150	415	.457	.170	1.024	-.091
150	173	-.297	.119	.105	-.692	150	314	-.277	.133	.168	-.734	150	416	.457	.186	.996	-.253
150	174	-.254	.114	.107	-.672	150	315	-.314	.146	.117	-1.034	150	417	-.170	.115	.245	-.677
150	175	-.247	.117	.126	-.684	150	316	-.316	.133	.044	-.868	150	418	-.047	.126	.465	-.622
150	176	-.253	.125	.201	-.874	150	317	-.302	.126	.038	-.900	150	419	.119	.142	.683	-.401
150	177	-.260	.128	.165	-.664	150	318	-.291	.125	.049	-.827	150	420	.276	.160	.836	-.213
150	178	-.273	.126	.140	-.720	150	319	-.288	.124	.047	-.757	150	421	.329	.159	.913	-.172
150	179	-.282	.129	.146	-.725	150	320	-.281	.124	.167	-.749	150	422	.385	.169	1.026	-.119
150	180	-.265	.119	.133	-.794	150	321	-.322	.145	.171	-1.212	150	423	.470	.178	1.067	-.075
150	181	-.265	.112	.144	-.617	150	322	-.280	.124	.124	-.825	150	424	.490	.179	1.114	-.133
150	182	-.270	.114	.098	-.708	150	323	-.320	.149	.186	-1.176	150	425	.469	.184	1.097	-.193
150	183	-.269	.114	.085	-.719	150	324	-.319	.136	.098	-1.038	150	426	-.137	.124	.327	-.582
150	184	-.278	.115	.067	-.835	150	325	-.307	.123	.119	-.840	150	427	-.499	.187	1.032	-.412
150	185	-.286	.108	.041	-.648	150	326	-.291	.118	.076	-.836	150	428	-.126	.113	.343	-.554
150	186	-.294	.107	.049	-.648	150	327	-.287	.115	.076	-.739	150	429	-.026	.115	.499	-.372
150	187	-.275	.107	.090	-.621	150	328	-.286	.110	.053	-.733	150	430	.141	.127	.748	-.230
150	188	-.280	.107	.074	-.627	150	329	-.325	.128	.028	-1.011	150	431	.279	.137	.769	-.129
150	189	-.294	.114	.060	-.682	150	330	-.288	.111	.086	-.710	150	432	.359	.144	.948	-.097
150	190	-.309	.111	.026	-.689	150	331	-.317	.126	.047	-.838	150	433	.431	.147	.943	-.042
150	191	-.316	.113	.038	-.709	150	332	-.302	.124	.097	-.909	150	434	.493	.159	1.005	-.034
150	192	-.303	.114	.058	-.689	150	333	-.310	.121	.096	-.854	150	435	.513	.170	1.073	.000
150	193	-.259	.107	.128	-.636	150	334	-.326	.129	.145	-.885	150	436	-.505	.196	1.093	-.160
150	194	-.258	.105	.110	-.630	150	335	-.315	.124	.136	-.833	150	437	-.163	.118	.262	-.625
150	195	-.266	.112	.083	-.784	150	336	-.319	.130	.172	-.722	150	438	.469	.190	1.020	-.201
150	196	-.273	.118	.109	-.760	150	337	-.289	.120	.133	-.771	150	439	-.176	.119	.186	-.613



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	440	.057	.115	.306	-.533	150	521	-.053	.128	.486	-.561	160	5	-.488	.210	.183	-1.469
150	441	.091	.121	.503	-.296	150	522	.161	.116	.301	-.585	160	6	-.383	.171	.164	-1.371
150	442	.221	.132	.712	-.145	150	523	.361	.238	1.131	-.437	160	7	-.381	.144	.061	-.958
150	443	.303	.140	.775	-.097	150	524	.155	.110	1.188	-.533	160	8	-.434	.155	.013	-1.010
150	444	.361	.142	.907	-.025	150	525	.328	.228	1.241	-.442	160	9	-.423	.152	.009	-1.037
150	445	.418	.153	.932	-.002	150	526	.321	.193	.974	-.636	160	10	-.364	.147	.052	-1.041
150	446	.436	.168	.920	-.119	150	527	.268	.178	.984	-.353	160	11	-.358	.141	.073	-1.028
150	447	.406	.163	.982	-.118	150	528	.017	.184	.725	-.732	160	12	-.352	.129	.081	-.870
150	448	.175	.118	.243	-.639	150	529	-.054	.123	.387	-.511	160	13	-.393	.147	.068	-1.061
150	449	.393	.152	.950	-.179	150	530	.154	.111	.196	-.556	160	14	-.436	.172	.022	-1.374
150	450	.194	.120	.263	-.692	150	531	-.271	.229	.898	-.367	160	101	-.333	.123	.084	-.770
150	451	.058	.119	.350	-.460	150	532	.157	.114	.203	-.500	160	102	-.333	.126	.092	-.667
150	452	.031	.114	.505	-.362	150	533	.217	.215	.980	-.703	160	103	-.333	.119	.104	-.891
150	453	.175	.119	.751	-.173	150	534	.230	.215	.933	-.826	160	104	-.333	.121	.126	-.988
150	454	.256	.128	.810	-.117	150	535	.218	.161	.976	-.283	160	105	-.333	.132	.094	-.941
150	455	.311	.136	.816	-.082	150	536	.015	.184	.742	-.657	160	106	-.333	.126	.120	-.998
150	456	.342	.146	.868	-.108	150	537	.048	.127	.444	-.475	160	107	-.333	.126	.111	-.805
150	457	.349	.150	.901	-.132	150	538	.132	.118	.245	-.593	160	108	-.333	.130	.190	-.977
150	458	.327	.157	.956	-.140	150	539	.153	.197	.828	-.622	160	109	-.333	.131	.083	-.864
150	459	.250	.119	.159	-.793	150	540	.159	.113	.239	-.516	160	110	-.333	.128	.087	-.865
150	460	.249	.144	.759	-.392	150	541	.141	.165	.627	-.538	160	111	-.333	.131	.103	-.688
150	461	.280	.114	.103	-.690	150	542	.148	.165	.629	-.432	160	112	-.333	.138	.098	-.999
150	462	.156	.111	.216	-.328	150	543	.145	.130	.655	-.274	160	113	-.333	.150	.079	-.996
150	463	.030	.119	.529	-.313	150	544	-.024	.130	.533	-.476	160	114	-.286	.107	.061	-.693
150	464	.222	.127	.693	-.238	150	545	.036	.113	.415	-.422	160	115	-.287	.108	.068	-.680
150	465	.302	.135	.747	-.156	150	546	.079	.112	.351	-.477	160	116	-.289	.107	.065	-.722
150	466	.360	.147	.842	-.142	150	547	.026	.131	.588	-.464	160	117	-.291	.109	.043	-.725
150	467	.361	.143	.925	-.110	150	548	.022	.125	.628	-.372	160	118	-.291	.109	.016	-.728
150	468	.321	.141	.896	-.049	150	549	.294	.106	.020	-.667	160	119	-.296	.113	.032	-.706
150	469	.265	.134	.874	-.119	150	550	.293	.107	.014	-.686	160	120	-.299	.113	.008	-.699
150	501	.250	.221	.866	-.656	150	551	.292	.115	.084	-.684	160	121	-.303	.113	.025	-.689
150	502	.268	.180	.803	-.641	150	552	.016	.120	.407	-.352	160	122	-.289	.108	.051	-.698
150	503	.078	.195	.679	-.695	150	553	.114	.131	.693	-.329	160	123	-.290	.109	.049	-.710
150	504	.116	.191	.528	-.856	150	554	.282	.115	.070	-.679	160	124	-.290	.109	.048	-.731
150	505	.113	.132	.348	-.607	150	555	.288	.119	.119	-.679	160	125	-.289	.101	.013	-.672
150	506	.207	.120	.232	-.688	150	556	.299	.114	.064	-.657	160	126	-.298	.101	.003	-.672
150	507	.402	.234	1.100	-.540	150	901	.285	.115	.069	-.691	160	127	-.303	.103	.010	-.689
150	508	.399	.198	.022	-.458	150	902	.299	.113	.055	-.693	160	128	-.304	.104	.002	-.720
150	509	.277	.177	.914	-.301	150	903	.307	.113	.068	-.684	160	129	-.302	.111	.051	-.681
150	510	.015	.193	.624	-.717	150	904	.262	.123	.102	-.651	160	130	-.304	.110	.039	-.661
150	511	.004	.122	.493	-.345	150	905	.256	.123	.132	-.628	160	131	-.306	.117	.078	-.688
150	512	.155	.111	.327	-.556	150	906	.236	.113	.117	-.588	160	132	-.306	.118	.086	-.749
150	513	.011	.153	.611	-.463	150	907	.201	.117	.139	-.729	160	133	-.330	.138	.040	-.919
150	514	.106	.144	.651	-.325	150	908	.283	.117	.079	-.767	160	134	-.330	.141	.068	-.880
150	515	.431	.216	1.085	-.320	150	909	.290	.110	.053	-.659	160	135	-.284	.113	.088	-.752
150	516	.162	.113	.219	-.580	150	910	.005	.119	.586	-.391	160	136	-.341	.148	.079	-.934
150	517	.421	.212	1.016	-.367	160	1	.362	.163	.131	-.568	160	137	-.259	.097	.090	-.655
150	518	.431	.206	1.103	-.377	160	2	.378	.180	.148	-.285	160	138	-.263	.096	.090	-.652
150	519	.332	.190	.915	-.260	160	3	.367	.164	.186	-.092	160	139	-.270	.097	.080	-.711
150	520	.918	.193	.698	-.371	160	4	.317	.153	.283	-.992	160	140	-.277	.097	.022	-.752

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	141	.291	.100	.032	.723	160	191	.286	.124	.107	-.922	160	332	-.308	.139	.135	-1.004
160	142	.303	.102	.002	.849	160	192	.263	.117	.212	-.814	160	333	-.332	.135	.096	-.908
160	143	.293	.102	.022	.790	160	193	.224	.105	.128	-.606	160	334	-.357	.140	.092	-.842
160	144	.276	.098	.039	.757	160	194	.232	.105	.139	-.630	160	335	-.346	.132	.080	-.846
160	145	.271	.114	.082	.604	160	195	.252	.110	.153	-.623	160	336	-.375	.131	.143	-.848
160	146	.289	.119	.126	.666	160	196	.256	.109	.139	-.636	160	337	-.287	.115	.168	-.738
160	147	.296	.125	.130	.709	160	197	.262	.115	.198	-.799	160	338	-.287	.115	.168	-.738
160	148	.309	.131	.145	.823	160	198	.271	.114	.169	-.736	160	339	-.282	.115	.168	-.738
160	149	.329	.136	.176	.890	160	199	.252	.107	.129	-.609	160	340	-.279	.140	.200	-.812
160	150	.366	.098	.098	.600	160	200	.258	.105	.117	-.616	160	341	-.330	.146	.114	-.847
160	151	.324	.138	.105	.924	160	201	.264	.107	.068	-.667	160	342	-.289	.133	.112	-.723
160	152	.253	.102	.102	.591	160	202	.274	.104	.035	-.668	160	343	-.324	.137	.096	-.795
160	153	.251	.101	.047	.567	160	203	.272	.107	.039	-.695	160	344	-.346	.139	.083	-.981
160	154	.263	.100	.039	.591	160	204	.254	.104	.069	-.642	160	345	-.271	.138	.362	.826
160	155	.273	.102	.037	.601	160	205	.249	.110	.136	-.637	160	346	-.278	.134	.133	-.834
160	156	.293	.103	.011	.693	160	206	.259	.110	.099	-.628	160	347	-.258	.128	.158	-.783
160	157	.284	.106	.037	.701	160	207	.276	.117	.125	-.768	160	348	-.259	.117	.180	-.734
160	158	.277	.101	.089	.671	160	208	.261	.121	.135	-.660	160	401	-.190	.123	.295	.839
160	159	.252	.096	.099	.544	160	209	.345	.157	.107	-.998	160	402	-.079	.129	.374	.538
160	160	.249	.098	.110	.554	160	300	.338	.158	.119	-.114	160	403	-.052	.138	.527	.414
160	161	.270	.114	.079	.792	160	301	.352	.164	.196	-.100	160	404	-.071	.130	.610	.408
160	162	.288	.116	.048	.753	160	302	.338	.158	.119	-.114	160	405	-.095	.148	.640	.376
160	163	.305	.125	.068	.830	160	303	.352	.164	.196	-.100	160	406	.116	.156	.671	.443
160	164	.308	.129	.066	.906	160	304	.384	.147	.039	-1.103	160	407	.169	.164	.898	.317
160	165	.248	.103	.107	.600	160	305	.384	.147	.039	-1.103	160	408	.261	.169	.813	.299
160	166	.212	.128	.160	.924	160	306	.370	.146	.083	-1.080	160	409	.268	.173	.824	.307
160	167	.247	.106	.141	.618	160	307	.337	.163	.140	-.076	160	410	.092	.162	.689	.643
160	168	.247	.106	.132	.618	160	308	.333	.151	.176	-.921	160	411	.090	.162	.709	.600
160	169	.242	.100	.153	.628	160	309	.341	.142	.166	-1.090	160	412	.321	.173	.887	.278
160	170	.261	.098	.133	.590	160	310	.336	.142	.068	-1.761	160	413	.323	.167	.958	.267
160	171	.278	.102	.118	.590	160	311	.348	.150	.077	-1.184	160	414	.417	.174	.997	.211
160	172	.278	.104	.128	.621	160	312	.348	.150	.077	-1.184	160	415	.504	.183	1.135	.122
160	173	.273	.111	.095	.769	160	313	.314	.130	.057	-.825	160	416	.475	.199	1.117	.099
160	174	.251	.102	.100	.593	160	314	.348	.150	.057	-.825	160	417	.143	.136	.287	.670
160	175	.252	.108	.160	.610	160	315	.345	.152	.149	-1.149	160	418	.055	.151	.513	.506
160	176	.275	.124	.114	.823	160	316	.337	.139	.069	-1.108	160	419	.219	.156	.753	.340
160	177	.283	.124	.144	.863	160	317	.337	.139	.069	-1.108	160	420	.382	.155	1.070	.181
160	178	.287	.122	.175	.793	160	318	.320	.132	.050	-.950	160	421	.415	.151	1.031	.090
160	179	.289	.125	.177	.766	160	319	.318	.128	.058	-.869	160	422	.476	.158	1.017	.047
160	180	.239	.114	.155	.601	160	320	.324	.125	.035	-.952	160	423	.528	.166	1.042	.026
160	181	.271	.122	.141	.676	160	321	.363	.155	.054	-1.324	160	424	.570	.169	1.056	.153
160	182	.251	.110	.143	.660	160	322	.323	.127	.024	-1.087	160	425	.480	.174	1.034	.256
160	183	.246	.111	.165	.633	160	323	.345	.156	.076	-1.411	160	426	.098	.123	.355	.516
160	184	.254	.111	.132	.627	160	324	.328	.144	.056	-1.034	160	427	.494	.181	1.089	.161
160	185	.268	.110	.099	.666	160	325	.370	.135	.045	-1.029	160	428	.102	.130	.282	.610
160	186	.278	.111	.091	.666	160	326	.319	.129	.026	-.977	160	429	.008	.136	.427	.449
160	187	.257	.110	.129	.697	160	327	.313	.122	.029	-.956	160	430	.266	.151	.666	.235
160	188	.263	.109	.105	.684	160	328	.299	.122	.081	-.890	160	431	.354	.160	.820	.136
160	189	.268	.116	.117	.769	160	329	.298	.123	.091	-1.057	160	432	.433	.174	.997	.092
160	190	.288	.121	.099	.812	160	330	.298	.123	.091	-1.057	160	433	.439	.180	1.102	.069
160						160	331	.133	.133	.157	-1.101	160					

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	434	.516	.195	1.180	-.125	160	515	.183	.231	.914	-.634	160	909	-.263	.103	.117	-.624
160	435	.493	.205	1.208	-.168	160	516	-.220	.111	.130	-.566	160	910	-.031	.102	.347	-.331
160	436	.444	.197	1.033	-.149	160	517	.169	.236	.898	-.613	170	1	-.396	.182	.294	-1.408
160	437	-.132	.133	.405	-.661	160	518	.179	.246	.924	-.601	170	2	-.410	.175	.183	-1.481
160	438	.403	.191	1.058	-.154	160	519	.167	.172	.775	-.835	170	3	-.405	.166	.184	-1.441
160	439	-.140	.130	.432	-.674	160	520	-.159	.167	.538	-.700	170	4	-.334	.141	.219	-1.016
160	440	-.023	.119	.388	-.441	160	521	-.131	.122	.322	-.564	170	5	-.443	.178	.409	-1.173
160	441	.131	.120	.582	-.253	160	522	-.194	.115	.191	-.613	170	6	-.424	.170	.070	-1.267
160	442	.276	.128	.817	-.084	160	523	-.109	.259	.948	-.878	170	7	-.402	.164	.043	-1.005
160	443	.362	.135	.852	-.010	160	524	-.196	.101	.232	-.518	170	8	-.465	.184	.031	-1.086
160	444	.453	.163	1.010	-.009	160	525	-.087	.249	.937	-.786	170	9	-.446	.179	.087	-1.097
160	445	.466	.167	1.055	-.013	160	526	.135	.251	.763	-.901	170	10	-.387	.167	.076	-1.279
160	446	.436	.174	1.070	-.083	160	527	-.152	.152	.653	-.540	170	11	-.371	.150	.112	-1.290
160	447	.365	.190	.973	-.370	160	528	-.159	.168	.472	-.738	170	12	-.357	.131	.146	-1.006
160	448	-.177	.127	.300	-.620	160	529	-.121	.124	.377	-.508	170	13	-.385	.151	.165	-1.128
160	449	.313	.179	.928	-.218	160	530	-.192	.121	.285	-.632	170	14	-.430	.172	.165	-1.406
160	450	-.210	.128	.326	-.664	160	531	-.085	.238	.815	-.782	170	101	-.331	.121	.104	-.765
160	451	.055	.114	.299	-.451	160	532	-.171	.114	.278	-.587	170	102	-.327	.122	.100	-.757
160	452	.089	.130	.330	-.346	160	533	.056	.229	.800	-.668	170	103	-.318	.123	.128	-.775
160	453	.227	.132	.743	-.198	160	534	.069	.242	.783	-.741	170	104	-.318	.129	.122	-.955
160	454	.314	.138	.782	-.071	160	535	.092	.149	.627	-.550	170	105	-.300	.124	.027	-.905
160	455	.364	.143	.906	-.027	160	536	-.171	.161	.417	-.743	170	106	-.312	.118	.048	-.951
160	456	.386	.163	.955	-.065	160	537	-.129	.116	.270	-.568	170	107	-.334	.124	.099	-.752
160	457	.333	.171	.962	-.191	160	538	-.183	.111	.147	-.627	170	108	-.338	.130	.140	-.774
160	458	.279	.188	.991	-.274	160	539	-.019	.200	.805	-.742	170	109	-.352	.136	.174	-.932
160	459	-.247	.139	.165	-.863	160	540	-.175	.110	.170	-.571	170	110	-.344	.133	.135	-.805
160	460	.236	.155	.818	-.252	160	541	.026	.196	.602	-.966	170	111	-.338	.141	.185	-.914
160	461	-.276	.113	.067	-.804	160	542	.037	.191	.642	-.812	170	112	-.328	.152	.195	-.986
160	462	.122	.110	.283	-.619	160	543	-.080	.138	.552	-.383	170	113	-.336	.157	.224	-1.338
160	463	.102	.123	.713	-.310	160	544	-.087	.116	.386	-.478	170	114	-.293	.107	.025	-.659
160	464	.299	.128	.746	-.153	160	545	-.072	.111	.326	-.520	170	115	-.292	.107	.016	-.672
160	465	.377	.135	.898	-.077	160	546	-.111	.112	.264	-.579	170	116	-.294	.107	.009	-.689
160	466	.427	.144	.893	-.034	160	547	-.099	.108	.280	-.556	170	117	-.301	.108	.051	-.738
160	467	.403	.142	.887	-.012	160	548	-.032	.108	.321	-.540	170	118	-.313	.107	.048	-.682
160	468	.293	.132	.834	-.142	160	549	-.288	.109	.107	-.727	170	119	-.321	.110	.024	-.700
160	469	.212	.128	.691	-.221	160	550	-.288	.109	.104	-.736	170	120	-.324	.110	.035	-.749
160	501	.004	.240	.806	-.778	160	551	-.268	.104	.116	-.677	170	121	-.318	.111	.025	-.744
160	502	.084	.239	.744	-.927	160	552	-.040	.103	.314	-.453	170	122	-.299	.107	.014	-.704
160	503	-.068	.151	.428	-.603	160	553	-.056	.113	.451	-.351	170	123	-.297	.108	.012	-.714
160	504	-.243	.156	.263	-.899	160	554	-.264	.105	.115	-.641	170	124	-.298	.107	.009	-.698
160	505	-.152	.106	.196	-.580	160	555	-.267	.108	.051	-.668	170	125	-.296	.111	.062	-.673
160	506	-.218	.105	.129	-.664	160	556	-.277	.105	.036	-.683	170	126	-.308	.111	.060	-.697
160	507	.071	.306	.914	-1.371	160	901	-.278	.115	.081	-.672	170	127	-.315	.112	.063	-.706
160	508	.157	.234	.811	-.993	160	902	-.282	.109	.055	-.669	170	128	-.321	.111	.065	-.758
160	509	.117	.151	.596	-.665	160	903	-.279	.109	.025	-.669	170	129	-.316	.106	.012	-.746
160	510	-.154	.150	.463	-.724	160	904	-.254	.122	.141	-.798	170	130	-.320	.107	.038	-.691
160	511	-.084	.119	.359	-.464	160	905	-.263	.121	.139	-.695	170	131	-.322	.114	.071	-.725
160	512	-.188	.112	.225	-.526	160	906	-.247	.111	.234	-.603	170	132	-.317	.119	.147	-.727
160	513	-.130	.138	.362	-.651	160	907	-.269	.112	.209	-.649	170	133	-.295	.130	.227	-.837
160	514	-.008	.135	.491	-.466	160	908	-.264	.112	.192	-.664	170	134	-.305	.134	.255	-.806

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	135	-.266	.103	.084	-.645	170	185	-.257	.116	.150	-.638	170	326	-.429	.198	.155	-1.439
170	136	-.313	.139	.181	-.971	170	186	-.271	.115	.126	-.657	170	327	-.424	.192	.125	-1.322
170	137	-.279	.109	.056	-.708	170	187	-.249	.116	.193	-.662	170	328	-.395	.180	.211	-1.276
170	138	-.285	.108	.049	-.676	170	188	-.253	.115	.166	-.662	170	329	-.344	.172	.197	-1.333
170	139	-.292	.109	.052	-.707	170	189	-.269	.120	.101	-.819	170	330	-.379	.171	.173	-1.187
170	140	-.304	.111	.021	-.807	170	190	-.283	.120	.062	-.795	170	331	-.317	.158	.320	-1.258
170	141	-.314	.126	.091	-.940	170	191	-.277	.122	.124	-.741	170	332	-.315	.140	.160	-1.044
170	142	-.320	.123	.064	-.763	170	192	-.262	.116	.093	-.647	170	333	-.337	.147	.220	-1.117
170	143	-.310	.120	.122	-.709	170	193	-.241	.124	.231	-.637	170	334	-.428	.155	.117	-1.155
170	144	-.303	.118	.108	-.659	170	194	-.253	.122	.151	-.678	170	335	-.427	.151	.005	-1.189
170	145	-.284	.107	.029	-.752	170	195	-.273	.127	.165	-.816	170	336	-.397	.155	.062	-1.036
170	146	-.311	.116	.049	-.768	170	196	-.268	.126	.204	-.737	170	337	-.369	.121	.114	-1.719
170	147	-.314	.125	.074	-.821	170	197	-.284	.123	.117	-.702	170	338	-.325	.203	.010	-1.357
170	148	-.317	.135	.131	-.964	170	198	-.293	.122	.127	-.745	170	339	-.259	.126	.176	-1.724
170	149	-.346	.157	.171	-1.119	170	199	-.263	.116	.151	-.629	170	340	-.279	.145	.219	-1.026
170	150	-.284	.111	.095	-.657	170	200	-.267	.113	.140	-.617	170	341	-.325	.148	.149	-1.137
170	151	-.346	.159	.108	-1.141	170	201	-.266	.115	.181	-.707	170	342	-.276	.131	.194	-1.790
170	152	-.274	.112	.103	-.641	170	202	-.270	.115	.156	-.708	170	343	-.308	.132	.158	-1.784
170	153	-.253	.104	.035	-.626	170	203	-.266	.116	.175	-.756	170	344	-.350	.133	.036	-1.829
170	154	-.267	.103	.025	-.637	170	204	-.252	.110	.194	-.619	170	345	-.263	.142	.417	-1.876
170	155	-.290	.104	.015	-.680	170	205	-.258	.109	.150	-.611	170	346	-.282	.130	.260	-1.622
170	156	-.296	.108	.008	-.739	170	206	-.273	.109	.145	-.619	170	347	-.257	.119	.110	-1.633
170	157	-.286	.111	.075	-.745	170	207	-.294	.118	.070	-.825	170	348	-.249	.118	.116	-1.818
170	158	-.276	.105	.075	-.760	170	208	-.293	.119	.048	-.935	170	401	-.171	.142	.291	-1.011
170	159	-.263	.099	.055	-.621	170	209	-.262	.115	.201	-.630	170	402	-.003	.150	.327	-1.560
170	160	-.271	.101	.079	-.650	170	301	-.335	.165	.251	-1.157	170	403	-.101	.153	.638	-1.922
170	161	-.312	.125	.034	-.735	170	302	-.336	.172	.380	-1.233	170	404	-.126	.153	.673	-1.933
170	162	-.326	.129	.038	-.772	170	303	-.384	.176	.335	-1.145	170	405	-.121	.148	.661	-1.346
170	163	-.327	.142	.115	-.895	170	304	-.447	.178	.054	-1.277	170	406	-.158	.162	.718	-1.334
170	164	-.333	.148	.125	-.940	170	305	-.357	.220	.008	-1.501	170	407	-.190	.169	.867	-1.474
170	165	-.243	.108	.147	-.811	170	306	-.380	.271	.016	-2.085	170	408	-.227	.177	.895	-1.415
170	166	-.323	.147	.158	-1.099	170	307	-.352	.171	.230	-1.663	170	409	-.187	.177	.884	-1.496
170	167	-.244	.110	.102	-.663	170	308	-.336	.158	.165	-.927	170	410	-.141	.188	.774	-1.506
170	168	-.245	.109	.087	-.649	170	309	-.409	.181	.128	-1.411	170	411	-.165	.202	.812	-1.456
170	169	-.249	.115	.124	-.633	170	310	-.448	.223	.148	-1.675	170	412	-.355	.186	.969	-1.229
170	170	-.273	.112	.082	-.646	170	311	-.352	.224	.041	-1.734	170	413	-.352	.176	.946	-1.275
170	171	-.289	.119	.044	-.671	170	312	-.331	.196	.032	-1.674	170	414	-.432	.179	.886	-1.182
170	172	-.281	.122	.105	-.661	170	313	-.357	.184	.303	-1.175	170	415	-.470	.173	.087	-1.082
170	173	-.251	.106	.123	-.650	170	314	-.418	.174	.107	-1.196	170	416	-.447	.173	.063	-1.132
170	174	-.245	.105	.087	-.666	170	315	-.360	.176	.126	-1.419	170	417	-.137	.158	.348	-1.525
170	175	-.249	.110	.134	-.658	170	316	-.370	.179	.105	-1.298	170	418	-.078	.159	.575	-1.530
170	176	-.284	.120	.179	-.708	170	317	-.420	.186	.123	-1.268	170	419	-.325	.162	.959	-1.266
170	177	-.271	.127	.118	-.889	170	318	-.449	.188	.063	-1.142	170	420	-.452	.172	.036	-1.167
170	178	-.272	.131	.135	-.854	170	319	-.441	.180	.051	-1.065	170	421	-.461	.171	.033	-1.129
170	179	-.273	.136	.135	-.886	170	320	-.430	.179	.029	-1.333	170	422	-.507	.183	.019	-1.067
170	180	-.237	.114	.151	-.655	170	321	-.394	.193	.256	-1.399	170	423	-.518	.189	.061	-1.115
170	181	-.278	.116	.109	-.688	170	322	-.431	.183	.005	-1.343	170	424	-.423	.180	.087	-1.213
170	182	-.265	.118	.044	-.637	170	323	-.376	.189	.198	-1.398	170	425	-.365	.179	.964	-1.294
170	183	-.256	.118	.056	-.637	170	324	-.360	.176	.158	-1.276	170	426	-.163	.159	.365	-1.679
170	184	-.262	.117	.036	-.644	170	325	-.400	.183	.225	-1.403	170	427	-.317	.180	.948	-1.255

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	428	-.088	.141	.344	-.619	170	509	-.041	.174	.512	-.877	170	903	-.310	.133	.221	-.813
170	429	-.048	.140	.492	-.355	170	510	-.290	.152	.309	-.856	170	904	-.292	.141	.410	-.791
170	430	-.277	.151	.787	-.179	170	511	-.181	.117	.142	-.696	170	905	-.270	.130	.251	-.886
170	431	-.425	.158	.977	-.088	170	512	-.254	.113	.069	-.769	170	906	-.257	.116	.185	-.706
170	432	-.505	.164	1.012	-.013	170	513	-.255	.132	.176	-.776	170	907	-.272	.121	.201	-.656
170	433	-.528	.165	1.006	-.023	170	514	-.121	.130	.293	-.675	170	908	-.269	.118	.192	-.649
170	434	-.529	.173	1.048	-.006	170	515	-.109	.240	.740	-.848	170	909	-.276	.118	.171	-.651
170	435	-.437	.180	.955	-.120	170	516	-.248	.111	.137	-.676	170	910	-.077	.122	.396	-.489
170	436	-.312	.190	.982	-.252	170	517	-.126	.244	.701	-.1.026	180	1	-.488	.208	.079	-.216
170	437	-.130	.152	.404	-.667	170	518	-.136	.258	.708	-.1.085	180	2	-.474	.183	.213	-.1.343
170	438	-.276	.187	.935	-.281	170	519	-.031	.192	.522	-.985	180	3	-.456	.180	.037	-.1.690
170	439	-.140	.149	.288	-.666	170	520	-.245	.126	.256	-.738	180	4	-.420	.156	.129	-.1.214
170	440	.013	.151	.598	-.580	170	521	-.192	.099	.218	-.549	180	5	-.444	.174	.207	-.1.173
170	441	.199	.153	.865	-.349	170	522	-.245	.099	.074	-.594	180	6	-.493	.186	.014	-.1.384
170	442	.344	.160	.963	-.179	170	523	-.142	.240	.732	-.771	180	7	-.437	.154	.013	-.1.381
170	443	.408	.158	.933	-.043	170	524	-.219	.103	.159	-.639	180	8	-.503	.172	.023	-.1.219
170	444	.450	.165	1.023	-.048	170	525	-.143	.239	.669	-.871	180	9	-.485	.162	.032	-.1.093
170	445	.432	.166	1.049	-.078	170	526	-.158	.275	.565	-.1.081	180	10	-.457	.168	.011	-.1.342
170	446	.358	.173	1.089	-.123	170	527	-.010	.213	.540	-.1.166	180	11	-.449	.150	.043	-.1.161
170	447	.217	.189	.855	-.479	170	528	-.263	.142	.383	-.850	180	12	-.409	.121	-.030	-.1.845
170	448	.165	.136	.288	-.656	170	529	-.187	.110	.262	-.540	180	13	-.430	.136	-.018	-.1.963
170	449	.228	.175	.928	-.323	170	530	-.241	.110	.148	-.665	180	14	-.486	.160	-.022	-.1.200
170	450	.210	.133	.293	-.794	170	531	-.152	.256	.732	-.906	180	101	-.355	.116	-.035	-.1.769
170	451	.032	.128	.375	-.473	170	532	-.196	.105	.213	-.513	180	102	-.346	.118	-.016	-.1.780
170	452	.145	.145	.683	-.340	170	533	-.144	.233	.719	-.1.021	180	103	-.347	.119	-.074	-.1.878
170	453	.274	.149	.836	-.171	170	534	-.150	.253	.754	-.1.013	180	104	-.358	.123	-.072	-.1.831
170	454	.349	.153	.962	-.098	170	535	-.031	.177	.413	-.914	180	105	-.377	.127	-.018	-.1.976
170	455	.377	.150	.995	-.073	170	536	-.217	.128	.248	-.710	180	106	-.394	.124	-.001	-.1.812
170	456	.355	.140	1.039	-.031	170	537	-.162	.101	.158	-.481	180	107	-.405	.128	-.005	-.1.913
170	457	.259	.142	.832	-.197	170	538	-.208	.100	.097	-.532	180	108	-.404	.129	-.016	-.1.959
170	458	.171	.155	.723	-.335	170	539	-.110	.202	.680	-.753	180	109	-.393	.125	-.023	-.1.873
170	459	.247	.149	.268	-.906	170	540	-.184	.109	.160	-.537	180	110	-.368	.122	-.042	-.1.888
170	460	.127	.153	.919	-.333	170	541	-.105	.235	.551	-.1.253	180	111	-.341	.125	-.101	-.1.805
170	461	.283	.120	.212	-.648	170	542	-.090	.214	.569	-.860	180	112	-.330	.125	-.115	-.1.949
170	462	.118	.119	.419	-.513	170	543	-.053	.166	.502	-.751	180	113	-.337	.122	-.107	-.1.945
170	463	.115	.132	.703	-.272	170	544	-.137	.118	.257	-.753	180	114	-.340	.100	-.042	-.1.687
170	464	.355	.157	.931	-.169	170	545	-.138	.121	.314	-.884	180	115	-.344	.099	-.030	-.1.678
170	465	.433	.160	.991	-.059	170	546	-.181	.122	.287	-.1.030	180	116	-.348	.100	-.019	-.1.714
170	466	.462	.163	1.074	-.012	170	547	-.117	.105	.295	-.504	180	117	-.352	.102	-.034	-.1.768
170	467	.396	.152	.960	-.048	170	548	-.046	.105	.412	-.432	180	118	-.361	.102	-.043	-.1.798
170	468	.211	.139	.717	-.215	170	549	-.271	.111	.089	-.807	180	119	-.368	.104	-.051	-.1.815
170	469	.125	.140	.633	-.311	170	550	-.280	.112	.082	-.856	180	120	-.368	.104	-.052	-.1.787
170	501	-.266	.214	.493	-.114	170	551	-.292	.116	.066	-.867	180	121	-.365	.116	-.005	-.1.773
170	502	-.221	.270	.549	-.111	170	552	-.076	.115	.397	-.431	180	122	-.356	.115	-.036	-.1.860
170	503	-.176	.150	.358	-.771	170	553	-.017	.124	.533	-.375	180	123	-.357	.116	-.011	-.1.895
170	504	-.362	.166	.238	-.939	170	554	-.091	.116	.078	-.889	180	124	-.355	.115	-.008	-.1.743
170	505	-.212	.103	.198	-.572	170	555	-.270	.110	.136	-.776	180	125	-.346	.104	-.005	-.1.780
170	506	-.262	.103	.080	-.635	170	556	-.272	.108	.122	-.726	180	126	-.360	.103	-.001	-.1.828
170	507	-.309	.300	.645	-.1.394	170	901	-.332	.136	.188	-.862	180	127	-.368	.103	-.030	-.1.827
170	508	-.152	.257	.605	-.1.146	170	902	-.327	.134	.212	-.791	180	128	-.368	.103	-.017	-.1.793

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	129	.368	.108	.021	.760	180	179	.293	.122	.095	.765	180	320	.611	.199	.024	-1.532
180	130	.361	.109	.023	.763	180	180	.280	.111	.162	.761	180	321	.346	.166	.195	-1.238
180	131	.354	.113	.004	.850	180	181	.287	.118	.107	.705	180	322	.597	.205	.007	-1.385
180	132	.340	.116	.049	.792	180	182	.306	.119	.125	.891	180	323	.331	.165	.191	-1.119
180	133	.328	.118	.183	.792	180	183	.297	.118	.149	.888	180	324	.364	.161	.178	-1.016
180	134	.327	.118	.150	.780	180	184	.294	.115	.130	.842	180	325	.463	.185	.209	-1.215
180	135	.334	.109	.081	.805	180	185	.320	.111	.091	.863	180	326	.584	.224	.074	-1.610
180	136	.333	.126	.188	.786	180	186	.328	.112	.091	.800	180	327	.582	.214	.059	-1.469
180	137	.329	.104	.032	.676	180	187	.315	.111	.078	.728	180	328	.600	.214	.074	-1.287
180	138	.327	.103	.038	.689	180	188	.310	.109	.083	.701	180	329	.344	.151	.223	-1.032
180	139	.327	.102	.037	.681	180	189	.299	.120	.114	.678	180	330	.344	.151	.038	-1.375
180	140	.348	.102	.007	.690	180	190	.310	.118	.069	.717	180	331	.575	.214	.224	-1.167
180	141	.365	.107	.006	.811	180	191	.302	.120	.077	.680	180	332	.315	.143	.190	-1.963
180	142	.356	.105	.008	.783	180	192	.274	.118	.173	.735	180	333	.490	.172	.128	-1.360
180	143	.354	.107	.018	.784	180	193	.274	.111	.133	.676	180	334	.487	.202	.273	-1.463
180	144	.350	.107	.011	.782	180	194	.289	.108	.105	.648	180	335	.522	.186	.028	-1.405
180	145	.344	.106	.050	.735	180	195	.309	.112	.063	.918	180	336	.553	.203	.081	-1.333
180	146	.341	.107	.064	.765	180	196	.298	.114	.057	.829	180	337	.300	.127	.149	-1.756
180	147	.333	.114	.081	.852	180	197	.295	.125	.078	.737	180	338	.671	.244	.056	-1.791
180	148	.333	.127	.093	.004	180	198	.307	.123	.067	.748	180	339	.308	.138	.185	-1.765
180	149	.344	.126	.089	.051	180	199	.302	.122	.140	.710	180	340	.320	.131	.120	-1.897
180	150	.339	.105	.069	.745	180	200	.294	.117	.127	.699	180	341	.354	.136	.103	-1.840
180	151	.338	.131	.069	.031	180	201	.329	.110	.051	.747	180	342	.292	.117	.100	-1.698
180	152	.333	.109	.064	.838	180	202	.324	.109	.031	.792	180	343	.318	.119	.100	-1.717
180	153	.327	.103	.021	.847	180	203	.320	.111	.051	.704	180	344	.341	.122	.094	-1.848
180	154	.317	.100	.025	.807	180	204	.299	.105	.041	.635	180	345	.272	.137	.499	-1.757
180	155	.328	.100	.037	.714	180	205	.255	.108	.072	.570	180	346	.297	.121	.256	-1.711
180	156	.328	.104	.006	.737	180	206	.273	.107	.101	.601	180	347	.253	.111	.139	-1.783
180	157	.323	.103	.001	.818	180	207	.288	.113	.105	.660	180	348	.200	.120	.211	-1.643
180	158	.329	.102	.024	.638	180	208	.277	.118	.099	.629	180	401	.166	.149	.305	-1.944
180	159	.308	.100	.030	.681	180	209	.295	.118	.080	.799	180	402	.059	.167	.697	-1.528
180	160	.309	.101	.019	.750	180	301	.364	.128	.043	.941	180	403	.157	.171	.885	-1.441
180	161	.335	.111	.035	.832	180	302	.361	.133	.114	-1.039	180	404	.133	.159	.782	-1.345
180	162	.334	.115	.115	.888	180	303	.559	.198	.135	-1.401	180	405	.102	.145	.697	-1.402
180	163	.330	.129	.172	.889	180	304	.481	.178	.039	-1.449	180	406	.141	.162	.812	-1.357
180	164	.330	.135	.150	.956	180	305	.779	.268	.031	-1.912	180	407	.150	.165	.852	-1.405
180	165	.336	.105	.088	.841	180	306	.841	.312	.136	-2.202	180	408	.167	.164	.723	-1.331
180	166	.323	.132	.081	.751	180	307	.344	.121	.065	.862	180	409	.090	.165	.672	-1.451
180	167	.323	.132	.079	.929	180	308	.332	.127	.104	.933	180	410	.190	.179	.930	-1.402
180	168	.319	.107	.075	.653	180	309	.476	.161	.037	-1.206	180	411	.239	.195	1.028	-1.427
180	169	.318	.113	.033	.660	180	310	.590	.242	.113	-1.620	180	412	.394	.188	.985	-1.188
180	170	.323	.110	.066	.689	180	311	.722	.224	.032	-1.817	180	413	.365	.181	1.051	-1.199
180	171	.335	.118	.043	.752	180	312	.774	.244	.099	-1.730	180	414	.447	.183	1.197	-1.183
180	172	.335	.117	.076	.809	180	313	.363	.143	.115	-1.387	180	415	.424	.179	1.053	-1.174
180	173	.325	.122	.091	.716	180	314	.707	.228	.091	-1.495	180	416	.368	.177	.896	-1.279
180	174	.308	.121	.089	.675	180	315	.366	.162	.216	-1.199	180	417	.193	.181	.400	-1.194
180	175	.308	.126	.203	.751	180	316	.359	.160	.192	.968	180	418	.082	.182	.625	-1.979
180	176	.335	.134	.125	.860	180	317	.483	.197	.238	-1.682	180	419	.373	.185	.946	-1.564
180	177	.327	.117	.048	.879	180	318	.607	.221	.222	-1.584	180	420	.484	.177	1.022	-1.026
180	178	.320	.119	.097	.735	180	319	.625	.197	.053	-1.391	180	421	.484	.174	1.122	-1.027

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	422	.503	.179	1.061	-.111	180	503	-.279	.176	.229	-.983	180	553	-.044	.123	.355	-.690
180	423	.473	.173	1.049	-.130	180	504	-.463	.169	.085	-1.195	180	554	-.305	.113	.037	-.719
180	424	.335	.179	.971	-.232	180	505	-.299	.114	.172	-.689	180	555	-.304	.107	.042	-.670
180	425	.162	.178	.758	-.441	180	506	-.327	.116	.126	-.730	180	556	-.310	.104	.028	-.683
180	426	.130	.166	.474	-.663	180	507	-.532	.223	.372	-1.614	180	901	-.368	.109	.046	-.779
180	427	.163	.181	.763	-.435	180	508	-.435	.234	.359	-1.110	180	902	-.360	.105	.039	-.793
180	428	.118	.162	.423	-.670	180	509	-.248	.249	.396	-1.084	180	903	-.344	.106	.003	-.788
180	429	.069	.156	.396	-.442	180	510	-.336	.144	.159	-.963	180	904	-.288	.130	.181	-.774
180	430	.315	.164	.897	-.162	180	511	-.233	.121	.189	-.626	180	905	-.289	.118	.082	-.715
180	431	.452	.171	1.008	-.051	180	512	-.288	.121	.174	-.774	180	906	-.281	.110	.063	-.678
180	432	.523	.170	1.154	-.031	180	513	-.317	.131	.104	-.848	180	907	-.291	.113	.072	-.688
180	433	.515	.166	1.149	-.010	180	514	-.181	.131	.314	-.657	180	908	-.290	.115	.121	-.684
180	434	.451	.165	1.031	-.057	180	515	-.412	.244	.312	-1.085	180	909	-.291	.117	.095	-.755
180	435	.298	.167	.936	-.302	180	516	-.305	.112	.076	-.686	180	910	-.078	.119	.368	-.584
180	436	.173	.184	.921	-.371	180	517	-.427	.245	.333	-1.090	190	1	.556	.201	.030	-.882
180	437	.122	.156	.483	-.731	180	518	-.429	.252	.489	-1.109	190	2	.473	.176	.202	-.190
180	438	.139	.179	.833	-.403	180	519	-.271	.312	.536	-1.456	190	3	.505	.185	.144	-.525
180	439	.138	.160	.438	-.646	180	520	-.222	.151	.283	-.945	190	4	.496	.167	.020	-.387
180	440	.049	.154	.613	-.563	180	521	-.279	.118	.153	-.745	190	5	.450	.169	.021	-.128
180	441	.273	.153	.942	-.223	180	522	-.305	.113	.093	-.731	190	6	.479	.181	.003	-.425
180	442	.415	.159	.959	-.093	180	523	-.407	.267	.303	-1.330	190	7	.463	.137	.071	-.003
180	443	.473	.158	1.060	-.099	180	524	-.285	.107	.071	-.822	190	8	.525	.169	.045	-.110
180	444	.474	.172	1.052	-.115	180	525	-.396	.267	.507	-1.331	190	9	.543	.146	.033	-.190
180	445	.417	.166	1.048	-.132	180	526	-.360	.242	.510	-1.207	190	10	.544	.164	.061	-.332
180	446	.272	.168	.977	-.304	180	527	-.195	.290	.612	-1.576	190	11	.525	.148	.059	-.073
180	447	.088	.172	.877	-.544	180	528	-.306	.141	.165	-1.090	190	12	.456	.120	.030	-.922
180	448	.190	.150	.283	-.810	180	529	-.246	.112	.127	-.750	190	13	.447	.118	.011	-.876
180	449	.083	.175	.687	-.523	180	530	-.281	.112	.062	-.721	190	14	.513	.142	.046	-.355
180	450	.213	.142	.266	-.775	180	531	-.409	.239	.412	-1.304	190	101	.385	.119	.034	-.832
180	451	.015	.135	.455	-.465	180	532	-.257	.113	.090	-.812	190	102	.378	.121	.010	-.995
180	452	.175	.141	.669	-.312	180	533	-.377	.224	.363	-1.374	190	103	.380	.123	.096	-.846
180	453	.313	.145	.860	-.192	180	534	-.380	.232	.459	-1.481	190	104	.398	.125	.017	-.273
180	454	.376	.154	.983	-.103	180	535	-.276	.262	.372	-1.205	190	105	.406	.114	.041	-.777
180	455	.394	.187	1.266	-.501	180	536	-.302	.145	.171	-.951	190	106	.420	.113	.070	-.799
180	456	.339	.149	.930	-.139	180	537	-.251	.115	.146	-.753	190	107	.423	.116	.072	-.857
180	457	.191	.154	.785	-.279	180	538	-.268	.110	.122	-.891	190	108	.422	.118	.023	-.854
180	458	.057	.173	.663	-.521	180	539	-.283	.212	.458	-1.610	190	109	.391	.117	.013	-.831
180	459	.272	.158	.230	-.915	180	540	-.241	.115	.152	-.702	190	110	.349	.113	.169	-.876
180	460	.044	.170	.670	-.472	180	541	-.305	.282	.395	-1.607	190	111	.336	.115	.172	-.750
180	461	.280	.135	.260	-.752	180	542	-.266	.251	.536	-1.283	190	112	.335	.110	.149	-.816
180	462	.088	.137	.442	-.591	180	543	-.183	.197	.411	-.895	190	113	.346	.112	.062	-.718
180	463	.186	.153	.953	-.268	180	544	-.197	.139	.252	-.866	190	114	.366	.104	.050	-.721
180	464	.356	.151	1.025	-.091	180	545	-.208	.135	.176	-.811	190	115	.365	.102	.049	-.699
180	465	.407	.151	1.017	-.022	180	546	-.229	.131	.145	-.869	190	116	.372	.103	.052	-.697
180	466	.401	.150	.998	-.015	180	547	-.162	.125	.260	-.682	190	117	.377	.101	.054	-.801
180	467	.307	.138	.905	-.045	180	548	-.087	.124	.318	-.611	190	118	.377	.101	.053	-.801
180	468	.129	.161	.766	-.275	180	549	-.305	.129	.107	-.770	190	119	.375	.101	.068	-.770
180	469	.016	.168	.613	-.446	180	550	-.296	.129	.123	-.752	190	120	.374	.101	.077	-.757
180	501	.521	.224	2.25	-.745	180	551	-.310	.114	.035	-.759	190	121	.355	.100	.016	-.762
180	502	.502	.239	3.88	-.492	180	552	-.131	.115	.218	-.633	190	122	.366	.108	.028	-.883

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	123	.363	.107	.040	.855	190	173	.308	.109	.113	.686	190	314	.638	.256	.097	-1.523
190	124	.362	.104	.062	.810	190	174	.308	.105	.045	.632	190	315	.344	.114	.041	-.802
190	125	.380	.105	.110	.728	190	175	.319	.108	.051	.683	190	316	.328	.122	.111	-.972
190	126	.395	.104	.090	.761	190	176	.333	.109	.019	.685	190	317	.431	.162	.043	-1.198
190	127	.395	.104	.056	.752	190	177	.336	.118	.011	.722	190	318	.493	.312	.376	-1.503
190	128	.397	.102	.029	.775	190	178	.330	.121	.027	.894	190	319	.632	.231	.387	-1.399
190	129	.375	.100	.043	.698	190	179	.331	.124	.030	.844	190	320	.642	.220	.137	-1.444
190	130	.364	.099	.041	.696	190	180	.353	.131	.063	.883	190	321	.352	.124	.124	-1.664
190	131	.346	.100	.018	.687	190	181	.292	.118	.076	.704	190	322	.630	.205	.144	-1.393
190	132	.337	.100	.005	.652	190	182	.357	.141	.084	-1.058	190	323	.346	.132	.168	-1.387
190	133	.339	.099	.027	.694	190	183	.340	.136	.094	.985	190	324	.332	.127	.107	-.923
190	134	.340	.098	.037	.683	190	184	.320	.126	.074	.773	190	325	.448	.163	.165	-1.185
190	135	.372	.113	.007	.843	190	185	.341	.104	.003	.814	190	326	.507	.271	.323	-1.377
190	136	.344	.101	.016	.751	190	186	.345	.104	.015	.772	190	327	.614	.208	.129	-1.359
190	137	.352	.111	.002	.868	190	187	.345	.109	.003	.773	190	328	.399	.195	.079	-1.245
190	138	.347	.107	.019	.782	190	188	.334	.105	.017	.733	190	329	.324	.123	.137	-1.052
190	139	.349	.101	.038	.733	190	189	.350	.113	.020	.764	190	330	.569	.192	.036	-1.366
190	140	.362	.098	.021	.700	190	190	.353	.109	.003	.782	190	331	.312	.127	.157	-1.025
190	141	.370	.105	.052	.761	190	191	.336	.110	.078	.736	190	332	.310	.121	.138	-.837
190	142	.356	.104	.004	.703	190	192	.315	.104	.170	.665	190	333	.390	.149	.096	-1.012
190	143	.348	.102	.050	.687	190	193	.297	.100	.044	.651	190	334	.428	.215	.173	-1.519
190	144	.344	.102	.029	.694	190	194	.304	.097	.029	.657	190	335	.518	.188	.236	-1.461
190	145	.350	.097	.011	.667	190	195	.320	.097	.024	.660	190	336	.499	.189	.079	-1.360
190	146	.350	.096	.015	.693	190	196	.308	.099	.010	.647	190	337	.286	.113	.069	-.749
190	147	.342	.099	.030	.693	190	197	.323	.119	.099	.776	190	338	.552	.249	.133	-1.731
190	148	.338	.103	.028	.731	190	198	.332	.118	.083	.753	190	339	.306	.123	.165	-.811
190	149	.327	.104	.018	.756	190	199	.361	.131	.035	.874	190	340	.600	.122	.176	-.790
190	150	.339	.118	.064	.279	190	200	.345	.121	.047	.751	190	341	.220	.123	.085	-.752
190	151	.318	.105	.065	.765	190	201	.349	.109	.039	.773	190	342	.220	.108	.164	-.581
190	152	.330	.119	.035	.861	190	202	.346	.104	.023	.700	190	343	.220	.113	.189	-.625
190	153	.319	.106	.124	.868	190	203	.330	.102	.022	.678	190	344	.278	.126	.131	-.731
190	154	.319	.102	.023	.741	190	204	.306	.102	.110	.663	190	345	.245	.133	.246	-.685
190	155	.338	.100	.017	.730	190	205	.299	.114	.117	.649	190	346	.283	.117	.170	-.699
190	156	.345	.099	.020	.657	190	206	.309	.113	.044	.661	190	347	.210	.113	.159	-.612
190	157	.345	.121	.051	.812	190	207	.317	.115	.034	.695	190	348	.178	.112	.281	-.537
190	158	.323	.112	.188	.690	190	208	.307	.116	.069	.651	190	401	.031	.158	.562	-.719
190	159	.329	.109	.147	.722	190	209	.321	.109	.074	.679	190	402	.129	.165	.674	-.483
190	160	.330	.098	.150	.715	190	301	.370	.104	.009	.754	190	403	.166	.159	.725	-.494
190	161	.323	.098	.023	.686	190	302	.349	.108	.032	.724	190	404	.128	.150	.710	-.511
190	162	.310	.102	.000	.890	190	303	.357	.172	.030	-1.462	190	405	.092	.135	.826	-.538
190	163	.308	.110	.068	.948	190	304	.353	.161	.183	.177	190	406	.114	.143	.662	-.435
190	164	.308	.112	.071	.956	190	305	.632	.245	.262	.769	190	407	.097	.148	.744	-.465
190	165	.324	.113	.190	.823	190	306	.671	.220	.237	-1.800	190	408	.027	.161	.623	-.513
190	166	.313	.113	.071	.923	190	307	.351	.103	.041	.706	190	409	.105	.166	.572	-.639
190	167	.318	.114	.121	.819	190	308	.314	.122	.204	.837	190	410	.265	.182	.958	-.424
190	168	.316	.113	.156	.791	190	309	.452	.159	.136	-1.191	190	411	.303	.198	1.039	-.424
190	169	.316	.109	.032	.821	190	310	.320	.235	.311	-1.776	190	412	.413	.188	1.120	-.254
190	170	.331	.105	.004	.680	190	311	.550	.250	.351	-1.682	190	413	.381	.176	.929	-.248
190	171	.341	.108	.023	.729	190	312	.640	.244	.247	-1.476	190	414	.430	.178	1.094	-.173
190	172	.322	.106	.078	.696	190	313	.549	.110	.008	.789	190	415	.345	.171	.919	-.231



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAB COLINAS OFFICE BUILDING

WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPMIN
190	416	.268	.160	.786	-.246	190	466	.427	.160	1.149	.009	190	TAP	CPHEAN	CPRMS	CPMAX	CPMIN
190	417	-.056	.193	.584	-.774	190	467	.274	.141	.940	-.110	190	547	-.246	.133	.179	-.920
190	418	.198	.181	.771	-.638	190	468	.007	.139	.414	-.441	190	548	-.158	.129	.285	-.685
190	419	.430	.173	.006	-.286	190	469	.127	.159	.319	-.665	190	549	-.342	.115	.081	-.875
190	420	.511	.182	1.168	-.049	190	501	-.782	.330	-.037	-.235	190	550	-.340	.115	.106	-.871
190	421	.475	.176	1.041	-.013	190	502	-.756	.296	.020	-.242	190	551	-.337	.117	.038	-.836
190	422	.471	.181	1.148	-.071	190	503	-.483	.204	.113	-.142	190	552	-.212	.131	.277	-.753
190	423	.388	.178	1.026	-.232	190	504	-.497	.172	.668	-.133	190	553	-.117	.139	.386	-.702
190	424	.208	.160	.973	-.359	190	505	-.337	.121	.163	-.894	190	554	-.122	.117	.015	-.797
190	425	-.022	.160	.730	-.552	190	506	-.355	.120	.116	-.887	190	555	-.331	.139	.386	-.702
190	426	-.005	.202	.656	-.581	190	507	-.714	.218	-.111	-.168	190	556	-.332	.120	.009	-.815
190	427	-.020	.164	.567	-.586	190	508	-.710	.226	.036	-.164	190	901	-.385	.105	-.066	-.728
190	428	.014	.180	.830	-.645	190	509	-.615	.272	.123	-.171	190	902	-.391	.105	-.066	-.747
190	429	.209	.170	1.025	-.413	190	510	-.413	.165	.194	-.121	190	903	-.381	.106	.056	-.751
190	430	.445	.170	1.113	-.081	190	511	-.317	.121	.085	-.767	190	904	-.263	.119	.207	-.684
190	431	.540	.174	1.221	-.036	190	512	-.358	.118	.044	-.842	190	905	-.284	.115	.095	-.668
190	432	.514	.178	1.083	-.077	190	513	-.461	.140	.126	-.027	190	906	-.283	.109	.066	-.686
190	433	.476	.170	1.081	-.033	190	514	-.278	.140	.092	-.487	190	907	-.291	.114	.059	-.717
190	434	.377	.164	1.024	-.174	190	515	-.703	.201	.029	-.833	190	908	-.300	.117	.067	-.748
190	435	.162	.160	.738	-.433	190	516	-.372	.118	.029	-.332	190	909	-.303	.104	.066	-.827
190	436	-.013	.174	.532	-.539	190	517	-.692	.196	.029	-.332	200	910	-.137	.127	.303	-.835
190	437	.059	.169	.554	-.609	190	518	-.701	.198	.133	-.133	200	1	-.723	.216	-.018	-.690
190	438	.041	.178	.500	-.731	190	519	-.561	.280	.339	-.134	200	2	-.389	.151	.080	-.101
190	439	.087	.167	.673	-.669	190	520	-.407	.187	.162	-.134	200	3	-.530	.175	.038	-.283
190	440	.148	.165	.787	-.345	190	521	-.340	.133	.097	-.175	200	4	-.516	.169	.032	-.447
190	441	.344	.161	1.004	-.147	190	522	-.354	.127	.117	-.104	200	5	-.485	.175	.211	-.586
190	442	.444	.163	1.098	-.032	190	523	-.653	.211	.052	-.142	200	6	-.667	.182	.066	-.401
190	443	.465	.162	1.101	-.005	190	524	-.349	.129	.032	-.124	200	7	-.551	.158	.090	-.229
190	444	.427	.146	.978	-.021	190	525	-.833	.220	.032	-.124	200	8	-.572	.183	.083	-.708
190	445	.317	.138	.875	-.144	190	526	-.833	.204	.066	-.172	200	9	-.522	.143	.048	-.134
190	446	.107	.149	.865	-.393	190	527	-.575	.303	.292	-.177	200	10	-.662	.187	.000	-.366
190	447	.098	.177	.485	-.749	190	528	-.425	.204	.131	-.134	200	11	-.640	.177	.145	-.455
190	448	.101	.170	.516	-.581	190	529	-.338	.146	.131	-.065	200	12	-.566	.145	.135	-.070
190	449	.061	.163	.486	-.628	190	530	-.353	.138	.141	-.134	200	13	-.490	.131	.006	-.994
190	450	.117	.167	.571	-.632	190	531	-.640	.249	.171	-.134	200	14	-.536	.153	.026	-.211
190	451	.078	.144	.636	-.356	190	532	-.336	.139	.110	-.134	200	101	-.422	.135	.009	-.054
190	452	.241	.159	.809	-.277	190	533	-.662	.243	.188	-.164	200	102	-.412	.136	.093	-.104
190	453	.343	.158	1.018	-.088	190	534	-.400	.249	.314	-.164	200	103	-.417	.129	.010	-.968
190	454	.380	.159	1.049	-.049	190	535	-.400	.282	.313	-.189	200	104	-.429	.122	-.018	-.028
190	455	.357	.151	1.025	-.095	190	536	-.338	.173	.342	-.121	200	105	-.417	.132	.003	-.967
190	456	.289	.150	.935	-.306	190	537	-.277	.135	.161	-.117	200	106	-.424	.130	.023	-.841
190	457	.103	.156	.656	-.500	190	538	-.294	.129	.106	-.845	200	107	-.417	.130	.027	-.854
190	458	.060	.176	.532	-.767	190	539	-.511	.219	.106	-.869	200	108	-.397	.132	.038	-.136
190	459	.185	.166	.469	-.697	190	540	-.290	.130	.090	-.600	200	109	-.362	.115	.069	-.898
190	460	.124	.145	.397	-.682	190	541	-.644	.352	.173	-.297	200	110	-.351	.116	.060	-.834
190	461	.180	.137	.386	-.627	190	542	-.563	.283	.193	-.154	200	111	-.353	.110	.086	-.736
190	462	.019	.141	.716	-.434	190	543	-.353	.231	.313	-.120	200	112	-.363	.108	-.047	-.737
190	463	.276	.166	1.231	-.203	190	544	-.300	.181	.182	-.107	200	113	-.361	.107	-.008	-.702
190	464	.426	.170	1.229	-.056	190	545	-.274	.164	.203	-.073	200	114	-.388	.118	-.006	-.867
190	465	.455	.164	1.183	-.034	190	546	-.288	.156	.175	-.991	200	115	-.387	.113	-.026	-.820
190						190						200	116	-.391	.108	-.046	-.781

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	117	-.405	.114	-.012	-.874	200	167	-.328	.133	.121	-1.002	200	308	-.237	.118	.138	-.598
200	118	-.405	.110	-.002	-.832	200	168	-.323	.131	.156	-.864	200	309	-.346	.161	.224	-1.038
200	119	-.392	.109	-.010	-.815	200	169	-.328	.119	.076	-.829	200	310	-.061	.194	.441	-.909
200	120	-.383	.107	-.027	-.824	200	170	-.351	.118	.037	-.903	200	311	-.209	.295	.369	-1.167
200	121	-.354	.103	-.045	-.684	200	171	-.348	.123	.054	-.934	200	312	-.323	.326	.537	-1.535
200	122	-.413	.132	.113	-1.094	200	172	-.314	.111	.047	-.758	200	313	-.332	.105	.018	-.709
200	123	-.402	.127	.116	-.921	200	173	-.331	.108	.084	-.761	200	314	-.264	.271	.608	-1.410
200	124	-.404	.119	.085	-.828	200	174	-.326	.105	.046	-.787	200	315	-.330	.106	.035	-.680
200	125	-.397	.117	-.010	-.796	200	175	-.332	.105	.049	-.743	200	316	-.274	.106	.085	-.638
200	126	-.406	.111	-.024	-.784	200	176	-.341	.105	.051	-.713	200	317	-.393	.155	.049	-1.011
200	127	-.398	.108	-.041	-.796	200	177	-.297	.100	.047	-.648	200	318	-.110	.263	.522	-1.339
200	128	-.391	.107	-.051	-.752	200	178	-.284	.101	.046	-.605	200	319	-.328	.267	.597	-1.180
200	129	-.369	.108	-.006	-.689	200	179	-.288	.102	.053	-.600	200	320	-.321	.252	.502	-1.279
200	130	-.353	.104	-.017	-.672	200	180	-.348	.133	.012	-.847	200	321	-.306	.101	.010	-.657
200	131	-.339	.103	-.031	-.662	200	181	-.303	.112	.037	-.694	200	322	-.349	.237	.399	-1.087
200	132	-.334	.104	-.002	-.678	200	182	-.417	.169	.045	-1.298	200	323	-.309	.104	.046	-.705
200	133	-.325	.105	.001	-.728	200	183	-.390	.158	.062	-1.244	200	324	-.270	.107	.124	-.667
200	134	-.328	.104	.029	-.731	200	184	-.358	.134	.049	-1.019	200	325	-.380	.147	.209	-1.005
200	135	-.393	.144	.040	-1.101	200	185	-.352	.135	.113	-.922	200	326	-.204	.270	.492	-1.305
200	136	-.326	.104	.002	-.704	200	186	-.338	.130	.099	-.866	200	327	-.386	.242	.437	-1.282
200	137	-.403	.153	.047	-1.123	200	187	-.352	.138	.102	-1.056	200	328	-.300	.257	.597	-1.093
200	138	-.395	.144	.150	-1.088	200	188	-.342	.132	.122	-1.049	200	329	-.295	.120	.116	-.674
200	139	-.393	.130	.055	-1.015	200	189	-.363	.128	.006	-.932	200	330	-.303	.237	.527	-1.109
200	140	-.403	.123	.011	-.950	200	190	-.351	.120	.018	-.937	200	331	-.294	.124	.131	-.741
200	141	-.392	.109	.050	-.869	200	191	-.332	.115	.103	-.878	200	332	-.277	.100	.056	-.635
200	142	-.374	.106	.051	-.822	200	192	-.313	.113	.028	-.719	200	333	-.356	.130	.028	-.934
200	143	-.360	.103	.052	-.795	200	193	-.298	.113	.199	-.697	200	334	-.215	.198	.405	-.952
200	144	-.355	.102	.051	-.717	200	194	-.298	.110	.122	-.636	200	335	-.333	.201	.472	-1.116
200	145	-.366	.098	.009	-.700	200	195	-.310	.111	.091	-.672	200	336	-.330	.206	.701	-1.124
200	146	-.366	.096	.014	-.707	200	196	-.303	.112	.091	-.666	200	337	-.282	.111	.099	-.678
200	147	-.353	.097	-.008	-.693	200	197	-.301	.120	.082	-.654	200	338	-.298	.218	.355	-1.205
200	148	-.346	.097	.021	-.672	200	198	-.299	.118	.068	-.658	200	339	-.303	.127	.086	-.839
200	149	-.338	.096	.046	-.670	200	199	-.363	.148	.149	-1.221	200	340	-.261	.127	.182	-.738
200	150	-.404	.146	.007	-1.168	200	200	-.345	.134	.130	-.920	200	341	-.269	.129	.192	-.748
200	151	-.332	.096	-.026	-.716	200	201	-.376	.131	.004	-.973	200	342	-.127	.124	.298	-.530
200	152	-.380	.141	.051	-1.065	200	202	-.351	.119	.010	-.880	200	343	-.113	.125	.283	-.527
200	153	-.375	.142	.095	-1.063	200	203	-.335	.113	-.026	-.761	200	344	-.138	.133	.341	-.610
200	154	-.379	.127	.121	-.962	200	204	-.321	.110	.019	-.724	200	345	-.165	.135	.375	-.655
200	155	-.392	.119	.032	-.963	200	205	-.305	.109	.067	-.685	200	346	-.209	.119	.217	-.661
200	156	-.385	.114	.034	-.953	200	206	-.306	.106	.074	-.722	200	347	-.103	.122	.362	-.531
200	157	-.324	.108	.017	-.732	200	207	-.315	.110	.065	-.983	200	348	-.058	.111	.326	-.414
200	158	-.314	.103	.013	-.673	200	208	-.308	.110	.078	-.795	200	401	.083	.173	.597	-.516
200	159	-.314	.102	.001	-.754	200	209	-.315	.111	.028	-.757	200	402	-.215	.167	.768	-.299
200	160	-.312	.102	.003	-.744	200	301	-.342	.110	.028	-.694	200	403	.181	.160	.764	-.372
200	161	-.328	.101	.050	-.684	200	302	-.308	.116	.064	-.677	200	404	-.089	.150	.650	-.440
200	162	-.321	.098	.079	-.618	200	303	-.523	.185	.107	-1.257	200	405	.051	.136	.595	-.429
200	163	-.309	.100	.086	-.696	200	304	-.246	.153	.189	-.878	200	406	.076	.139	.549	-.377
200	164	-.307	.101	.093	-.698	200	305	-.288	.304	.463	-1.419	200	407	-.035	.138	.588	-.456
200	165	-.337	.140	.045	-.962	200	306	-.418	.258	.319	-1.326	200	408	-.052	.150	.453	-.334
200	166	-.300	.102	.069	-.695	200	307	-.317	.120	.105	-.697	200	409	-.197	.156	.269	-.752

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	410	.354	.187	.930	-.271	200	460	-.207	.150	.289	-.806	200	541	-.744	.343	.012	-2.293
200	411	.366	.198	.970	-.289	200	461	-.043	.138	.431	-.540	200	542	-.679	.265	.011	-1.748
200	412	.360	.184	1.039	-.142	200	462	.147	.142	.685	-.350	200	543	-.496	.196	.276	-1.299
200	413	.314	.172	1.926	-.209	200	463	.377	.165	1.153	-.127	200	544	-.422	.191	.176	-1.352
200	414	.360	.172	1.080	-.142	200	464	.446	.165	1.075	-.024	200	545	-.359	.179	.116	-1.310
200	415	.246	.161	.785	-.259	200	465	.441	.155	.934	-.035	200	546	-.359	.174	.113	-1.266
200	416	.202	.161	.787	-.490	200	466	.376	.143	.915	-.094	200	547	-.312	.152	.183	-1.059
200	417	.200	.213	.830	-.544	200	467	.194	.126	.694	-.255	200	548	-.238	.154	.270	-1.073
200	418	.367	.199	1.016	-.331	200	468	-.093	.125	.348	-.586	200	549	-.331	.126	.057	-.975
200	419	.496	.189	1.105	-.149	200	469	-.251	.139	.211	-.845	200	550	-.331	.127	.047	-.973
200	420	.504	.168	1.073	-.041	200	501	-.921	.354	-.192	-2.293	200	551	-.336	.133	.033	-.990
200	421	.442	.159	.988	-.075	200	502	-.870	.301	-.201	-2.303	200	552	-.289	.152	.140	-1.025
200	422	.413	.161	.972	-.144	200	503	-.634	.205	-.118	-1.469	200	553	-.201	.169	.374	-.976
200	423	.303	.156	.791	-.270	200	504	-.567	.188	.239	-1.459	200	554	-.341	.133	.022	-.958
200	424	.090	.151	.614	-.414	200	505	-.431	.164	.245	-1.288	200	555	-.332	.127	.042	-.947
200	425	.150	.147	.409	-.670	200	506	-.430	.159	.183	-1.273	200	556	-.343	.124	.005	-1.040
200	426	.235	.206	1.018	-.463	200	507	-.739	.218	-.190	-1.793	200	901	-.377	.117	.001	-.776
200	427	.152	.150	.439	-.651	200	508	-.746	.216	-.198	-1.793	200	902	-.411	.122	.052	-.843
200	428	.222	.201	.947	-.344	200	509	-.705	.237	-.016	-1.866	200	903	-.413	.127	.055	-.893
200	429	.360	.188	1.021	-.183	200	510	-.511	.195	.083	-1.417	200	904	-.170	.123	.264	-.562
200	430	.501	.181	1.142	-.006	200	511	-.411	.168	.129	-1.267	200	905	-.304	.117	.061	-.698
200	431	.532	.172	1.145	.016	200	512	-.422	.160	.149	-1.274	200	906	-.317	.111	.031	-.709
200	432	.512	.165	1.032	.036	200	513	-.497	.177	.197	-1.339	200	907	-.314	.122	.132	-.887
200	433	.448	.157	1.003	.001	200	514	-.400	.182	.231	-1.194	200	908	-.343	.137	.133	-1.062
200	434	.311	.152	.926	-.171	200	515	-.674	.202	-.062	-1.410	200	909	-.328	.130	.063	-1.051
200	435	.062	.144	.653	-.411	200	516	-.420	.180	.121	-1.299	200	910	-.238	.151	.238	-1.025
200	436	.130	.148	.424	-.633	200	517	-.672	.198	-.066	-1.424	210	1	-.851	.256	-.102	-2.004
200	437	.172	.186	.807	-.395	200	518	-.679	.199	-.070	-1.437	210	2	-.309	.191	.295	-1.320
200	438	.160	.148	.419	-.769	200	519	-.678	.225	.201	-1.344	210	3	-.473	.181	.233	-1.124
200	439	.129	.181	.816	-.527	200	520	-.538	.237	.148	-1.524	210	4	-.501	.176	.092	-1.333
200	440	.295	.188	1.014	-.199	200	521	-.421	.192	.191	-1.373	210	5	-.492	.193	.485	-1.453
200	441	.422	.182	1.129	-.029	200	522	-.417	.191	.271	-1.411	210	6	-.737	.191	-.004	-1.379
200	442	.465	.180	1.058	-.034	200	523	-.699	.195	-.128	-1.335	210	7	-.616	.166	-.048	-1.274
200	443	.449	.173	1.022	-.042	200	524	-.436	.213	-.133	-1.648	210	8	-.523	.171	-.047	-1.744
200	444	.364	.156	.852	-.077	200	525	-.699	.208	-.140	-1.627	210	9	-.516	.145	-.067	-1.429
200	445	.236	.143	.851	-.178	200	526	-.676	.199	-.107	-1.530	210	10	-.737	.198	-.075	-1.426
200	446	.010	.147	.690	-.498	200	527	-.688	.232	.165	-2.020	210	11	-.701	.215	-.042	-1.516
200	447	.246	.165	.812	-.100	200	528	-.537	.245	.185	-1.859	210	12	-.622	.173	-.080	-1.247
200	448	.087	.186	.812	-.515	200	529	-.429	.208	.118	-1.451	210	13	-.508	.147	-.052	-1.035
200	449	.161	.148	.395	-.782	200	530	-.429	.216	.125	-1.554	210	14	-.487	.153	-.039	-1.227
200	450	.053	.175	.771	-.472	200	531	-.677	.208	-.041	-1.523	210	101	-.440	.148	.033	-1.159
200	451	.169	.165	.783	-.298	200	532	-.393	.191	.180	-1.527	210	102	-.430	.142	.031	-1.125
200	452	.305	.143	.817	-.135	200	533	-.647	.212	.063	-1.657	210	103	-.430	.134	-.008	-1.238
200	453	.370	.135	.887	-.052	200	534	-.657	.217	.076	-1.661	210	104	-.433	.126	.036	-.918
200	454	.372	.132	.799	-.054	200	535	-.576	.249	.232	-1.928	210	105	-.436	.132	-.068	-.938
200	455	.328	.129	.856	-.064	200	536	-.445	.212	.196	-1.577	210	106	-.428	.132	-.006	-.977
200	456	.202	.127	.766	-.217	200	537	-.351	.173	.183	-1.213	210	107	-.391	.132	.038	-1.013
200	457	.008	.133	.654	-.467	200	538	-.349	.169	.196	-1.223	210	108	-.365	.142	.051	-1.115
200	458	.183	.150	.448	-.747	200	539	-.586	.203	-.049	-1.936	210	109	-.356	.131	.101	-.969
200	459	.016	.157	.588	-.605	200	540	-.349	.166	.128	-1.586	210	110	-.366	.134	.121	-.959

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
210	111	.373	.120	.048	-.754	210	161	-.324	.098	-.023	-.643	210	302	-.215	.120	.205	-.667
210	112	-.399	.120	.048	-.745	210	162	-.314	.097	-.014	-.613	210	303	-.307	.171	.415	-1.085
210	113	-.403	.125	-.030	-.845	210	163	-.304	.099	-.010	-.613	210	304	-.079	.161	.430	-1.560
210	114	-.422	.131	-.061	-.934	210	164	-.306	.100	-.011	-.636	210	305	-.061	.209	.579	-1.000
210	115	-.425	.126	-.039	-.932	210	165	-.383	.151	.049	-1.125	210	306	-.034	.275	.607	-1.017
210	116	-.422	.119	-.073	-.898	210	166	-.295	.106	.071	-.671	210	307	-.230	.108	.149	-.533
210	117	-.463	.104	-.005	-.741	210	167	-.367	.140	.082	-.951	210	308	-.136	.106	.203	-.493
210	118	-.389	.099	-.032	-.708	210	168	-.364	.137	.084	-.935	210	309	-.174	.150	.406	-.713
210	119	-.336	.099	-.013	-.702	210	169	-.367	.128	.040	-1.084	210	310	-.140	.149	.629	-.509
210	120	-.333	.097	-.012	-.702	210	170	-.371	.120	-.025	-1.002	210	311	.182	.219	.862	-.885
210	121	-.336	.102	-.029	-.736	210	171	-.347	.113	-.011	-.891	210	312	-.130	.265	.754	-1.023
210	122	-.439	.139	-.049	-1.018	210	172	-.314	.101	.077	-.666	210	313	-.242	.103	.125	-.550
210	123	-.427	.131	-.068	-.963	210	173	-.302	.105	.058	-.772	210	314	-.129	.244	.833	-.778
210	124	-.427	.122	.054	-.880	210	174	-.305	.103	.052	-.750	210	315	-.233	.104	.140	-.564
210	125	-.414	.120	.009	-.832	210	175	-.305	.103	.034	-.783	210	316	-.166	.112	.312	-.514
210	126	-.409	.114	-.040	-.797	210	176	-.310	.103	.038	-.793	210	317	-.245	.161	.417	-.844
210	127	-.396	.112	-.052	-.798	210	177	-.295	.114	.037	-.645	210	318	-.165	.160	.654	-.776
210	128	-.381	.109	-.020	-.767	210	178	-.283	.113	.060	-.622	210	319	-.125	.263	.792	-.870
210	129	-.357	.105	-.036	-.766	210	179	-.282	.114	.068	-.629	210	320	-.082	.241	.770	-.770
210	130	-.345	.101	-.037	-.748	210	180	-.370	.150	.050	-.900	210	321	-.243	.105	.246	-.668
210	131	-.342	.101	-.021	-.721	210	181	-.274	.106	.145	-.675	210	322	-.036	.238	.742	-.818
210	132	-.333	.103	-.028	-.702	210	182	-.412	.163	.073	-1.112	210	323	-.237	.107	.223	-.652
210	133	-.333	.099	-.020	-.629	210	183	-.379	.153	.077	-1.180	210	324	-.181	.109	.271	-.526
210	134	-.328	.095	-.026	-.627	210	184	-.332	.132	.063	-.805	210	325	-.287	.154	.365	-.843
210	135	-.328	.148	.045	-1.294	210	185	-.357	.128	-.003	-.971	210	326	-.064	.178	.600	-.878
210	136	-.322	.095	-.015	-.634	210	186	-.335	.123	.010	-1.029	210	327	-.020	.250	.766	-.830
210	137	-.422	.157	-.011	-1.296	210	187	-.349	.130	.032	-1.019	210	328	-.013	.245	.852	-.759
210	138	-.410	.145	.059	-1.158	210	188	-.341	.124	-.013	-.933	210	329	-.247	.107	.152	-.604
210	139	-.403	.131	-.023	-.950	210	189	-.336	.133	.074	-1.039	210	330	-.038	.235	.723	-.805
210	140	-.396	.119	-.066	-.883	210	190	-.318	.125	.084	-.759	210	331	-.239	.111	.164	-.614
210	141	-.385	.106	-.027	-.723	210	191	-.291	.118	.101	-.725	210	332	-.192	.111	.204	-.553
210	142	-.367	.098	-.061	-.708	210	192	-.289	.115	.108	-.682	210	333	-.254	.151	.219	-1.010
210	143	-.362	.097	-.029	-.738	210	193	-.287	.108	.082	-.696	210	334	-.004	.165	.563	-.854
210	144	-.356	.096	.054	-.736	210	194	-.282	.103	.092	-.708	210	335	-.055	.230	.603	-.905
210	145	-.344	.105	.011	-.782	210	195	-.286	.105	.119	-.724	210	336	-.054	.214	.692	-.749
210	146	-.333	.104	-.002	-.797	210	196	-.278	.105	.136	-.713	210	337	-.232	.097	.141	-.545
210	147	-.333	.104	-.023	-.788	210	197	-.282	.109	.037	-.669	210	338	-.052	.158	.564	-.840
210	148	-.328	.106	.023	-.785	210	198	-.283	.107	.053	-.643	210	339	-.208	.122	.220	-.652
210	149	-.328	.106	.002	-.638	210	199	-.286	.136	.076	-.834	210	340	-.160	.127	.282	-.560
210	150	-.422	.155	-.035	-1.185	210	200	-.321	.124	.073	-.781	210	341	-.159	.117	.269	-.537
210	151	-.422	.155	-.010	-.631	210	201	-.341	.126	.100	-.820	210	342	-.000	.123	.471	-.422
210	152	-.410	.155	.089	-1.221	210	202	-.314	.114	.134	-.714	210	343	.022	.119	.473	-.387
210	153	-.399	.157	.095	-1.058	210	203	-.298	.110	.113	-.676	210	344	-.018	.126	.396	-.419
210	154	-.391	.141	.035	-.956	210	204	-.294	.107	.076	-.680	210	345	-.049	.126	.366	-.479
210	155	-.389	.130	.001	-.926	210	205	-.308	.105	.065	-.680	210	346	-.103	.117	.291	-.492
210	156	-.358	.118	.015	-.764	210	206	-.303	.102	.033	-.713	210	347	-.029	.126	.560	-.351
210	157	-.336	.105	-.106	-.757	210	207	-.305	.104	.056	-.674	210	348	.027	.106	.442	-.316
210	158	-.336	.103	-.027	-.720	210	208	-.297	.105	.074	-.691	210	401	.209	.177	.742	-.491
210	159	-.336	.102	-.014	-.727	210	209	-.291	.105	.049	-.720	210	402	.218	.159	.701	-.413
210	160	-.331	.101	.041	-.745	210	301	-.271	.110	.113	-.689	210	403	.137	.154	.658	-.464

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	404	.041	.146	.602	-.441	210	434	.330	.119	.900	-.088	210	535	-.537	.217	.038	-1.663
210	403	.019	.140	.586	-.427	210	435	.265	.117	.791	-.134	210	536	-.490	.206	.102	-1.512
210	406	.028	.136	.510	-.525	210	436	.148	.125	.656	-.233	210	537	-.430	.202	.193	-1.323
210	407	-.006	.134	.487	-.490	210	437	-.047	.124	.451	-.423	210	538	-.429	.214	.124	-1.843
210	408	-.081	.134	.425	-.599	210	438	-.197	.135	.302	-.797	210	539	-.423	.188	-.070	-1.365
210	409	-.197	.134	.270	-.790	210	439	-.172	.154	.749	-.277	210	540	-.382	.179	.146	-1.225
210	410	.436	.199	1.041	-.152	210	460	-.250	.144	.231	-.886	210	541	-.626	.299	.068	-2.333
210	411	.423	.196	.950	-.180	210	461	.111	.129	.482	-.387	210	542	-.601	.242	.059	-1.712
210	412	.312	.184	.942	-.228	210	462	.244	.136	.684	-.263	210	543	-.507	.183	.004	-1.449
210	413	.260	.173	.815	-.348	210	463	.389	.151	1.033	-.184	210	544	-.457	.182	.061	-1.405
210	414	.316	.171	.859	-.161	210	464	.451	.162	1.041	-.027	210	545	-.410	.188	.115	-1.417
210	413	.185	.160	.701	-.306	210	465	.419	.155	1.041	-.043	210	546	-.407	.186	.083	-1.457
210	416	.159	.156	.784	-.413	210	466	.327	.148	1.225	-.234	210	547	-.356	.141	-.003	-1.003
210	417	.440	.192	1.002	-.228	210	467	.134	.130	1.675	-.230	210	548	-.299	.145	.177	-1.089
210	418	.511	.183	1.036	-.126	210	468	-.138	.126	1.392	-.320	210	549	-.299	.122	.144	-.821
210	419	.543	.172	1.088	-.037	210	501	-.272	.137	1.888	-.228	210	550	-.299	.123	.142	-.851
210	420	.448	.177	.937	-.151	210	502	.617	.221	1.077	-.186	210	551	-.332	.128	.124	-.831
210	421	.371	.166	.872	-.140	210	503	.608	.198	1.23	-.172	210	552	-.321	.147	.171	-.979
210	422	.333	.165	.892	-.186	210	504	.565	.173	1.039	-.129	210	553	-.273	.165	.384	-1.191
210	423	.214	.153	.701	-.292	210	505	.527	.183	1.171	-.148	210	554	-.318	.125	.112	-.795
210	424	.047	.131	.544	-.370	210	506	.477	.182	1.260	-.128	210	555	-.336	.137	.061	-1.031
210	425	.443	.121	.240	-.562	210	507	.475	.195	1.86	-.152	210	556	-.337	.137	.081	-1.049
210	426	.443	.199	1.143	-.187	210	508	.628	.191	1.148	-.145	210	901	-.366	.112	.016	-.720
210	427	.157	.124	.272	-.702	210	509	.604	.170	1.35	-.136	210	902	-.422	.113	-.057	-.870
210	428	.403	.198	1.114	-.179	210	510	.373	.173	1.086	-.142	210	903	-.441	.120	-.066	-.856
210	429	.471	.182	1.137	-.041	210	511	.542	.181	1.64	-.146	210	904	-.092	.126	.450	-.467
210	430	.520	.171	1.118	-.036	210	512	.472	.173	1.71	-.144	210	905	-.266	.120	.105	-.774
210	431	.494	.156	1.092	-.013	210	513	.470	.182	1.28	-.151	210	906	-.288	.116	.093	-.808
210	432	.441	.151	.949	-.050	210	514	.493	.153	1.47	-.119	210	907	-.271	.117	.144	-.684
210	433	.357	.145	.802	-.134	210	515	.475	.170	1.53	-.148	210	908	-.315	.134	.072	-.781
210	434	.210	.142	.654	-.237	210	516	.534	.162	1.014	-.123	210	909	-.341	.128	.059	-.825
210	435	.010	.137	.488	-.531	210	517	.490	.187	1.057	-.141	210	1	-.323	.152	.174	-1.254
210	436	.163	.138	.299	-.748	210	518	.544	.170	1.060	-.123	210	10	-.877	.263	-.195	-2.015
210	437	.380	.182	.990	-.287	210	519	.549	.170	1.039	-.122	210	2	-.295	.220	.417	-1.147
210	438	.183	.141	.269	-.767	210	520	.561	.173	1.055	-.127	210	3	-.304	.154	.156	-1.026
210	439	.339	.178	.934	-.261	210	521	.548	.190	1.086	-.118	210	4	-.436	.152	.187	-1.142
210	440	.389	.162	1.001	-.219	210	522	.501	.197	1.191	-.123	210	5	-.430	.153	.130	-1.220
210	441	.439	.153	.966	-.092	210	523	.503	.218	1.098	-.166	210	6	-.735	.175	.213	-1.406
210	442	.424	.148	.881	-.056	210	524	.537	.176	1.23	-.126	210	7	-.635	.171	-.146	-1.331
210	443	.385	.141	.806	-.057	210	525	.496	.230	1.190	-.180	210	8	-.444	.140	.022	-1.088
210	444	.309	.143	.972	-.196	210	526	.553	.187	1.008	-.139	210	9	-.506	.133	.106	-1.106
210	445	.175	.138	.796	-.241	210	527	.528	.178	1.071	-.125	210	10	-.729	.226	-.087	-1.659
210	446	.036	.140	.562	-.647	210	528	.582	.207	1.015	-.166	210	11	-.757	.211	.193	-1.673
210	447	.264	.144	.226	-.880	210	529	.548	.216	1.103	-.146	210	12	-.661	.164	-.104	-1.325
210	448	.254	.180	1.036	-.346	210	530	.491	.216	1.116	-.174	210	13	-.528	.137	.095	-1.018
210	449	.184	.138	.483	-.774	210	531	.492	.237	1.141	-.178	210	14	-.446	.143	.019	-1.371
210	450	.203	.170	.914	-.367	210	532	.558	.197	1.004	-.138	210	101	-.401	.127	.038	-1.070
210	451	.298	.165	.914	-.221	210	533	.538	.223	1.235	-.170	210	102	-.393	.123	.042	-.969
210	452	.351	.136	.809	-.041	210	534	.554	.199	1.027	-.133	210	103	-.396	.120	.033	-.843
210	453	.358	.123	.827	-.032	210	535	.561	.202	1.027	-.142	210	104	-.396	.122	-.007	-.842

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	105	-.394	.118	-.017	-.797	220	155	-.334	.108	-.012	-.741	220	205	-.296	.108	-.064	-.710
220	106	-.363	.120	-.040	-.961	220	156	-.305	.100	-.026	-.642	220	206	-.281	.106	-.052	-.709
220	107	-.353	.139	.064	-1.531	220	157	-.327	.093	-.050	-.704	220	207	-.282	.110	-.058	-.737
220	108	-.348	.155	.090	-1.431	220	158	-.347	.094	-.004	-.743	220	208	-.280	.110	-.067	-.745
220	109	-.337	.138	.141	-1.006	220	159	-.342	.090	-.063	-.724	220	209	-.272	.110	-.060	-.738
220	110	-.347	.123	.057	-.872	220	160	-.323	.088	-.045	-.706	220	301	-.179	.118	-.247	-.963
220	111	-.367	.114	-.000	-.774	220	161	-.301	.103	-.095	-.675	220	302	-.108	.128	-.381	-.927
220	112	-.393	.112	-.061	-.787	220	162	-.294	.102	-.069	-.737	220	303	-.083	.173	-.593	-.799
220	113	-.406	.111	-.004	-.809	220	163	-.286	.102	-.072	-.754	220	304	-.120	.163	-.682	-.507
220	114	-.394	.105	-.063	-.736	220	164	-.281	.103	-.074	-.732	220	305	-.248	.168	-.855	-.427
220	115	-.395	.103	-.078	-.765	220	165	-.368	.135	-.054	-.973	220	306	-.271	.194	-.918	-.388
220	116	-.383	.102	-.050	-.694	220	166	-.357	.096	-.034	-.612	220	307	-.122	.118	-.302	-.333
220	117	-.354	.100	-.004	-.723	220	167	-.359	.133	-.053	-.831	220	308	-.016	.124	-.461	-.399
220	118	-.345	.097	-.001	-.735	220	168	-.347	.128	-.042	-.781	220	309	-.058	.166	-.641	-.739
220	119	-.331	.101	-.032	-.757	220	169	-.329	.115	-.009	-.912	220	310	-.321	.172	-.887	-.193
220	120	-.326	.101	-.016	-.721	220	170	-.312	.112	-.029	-1.027	220	311	-.418	.199	-1.025	-.353
220	121	-.327	.105	-.017	-.840	220	171	-.289	.109	-.128	-.787	220	312	-.407	.221	-1.149	-.537
220	122	-.410	.114	-.040	-.809	220	172	-.284	.106	-.127	-.759	220	313	-.179	.116	-.156	-.534
220	123	-.403	.111	-.028	-.762	220	173	-.315	.107	-.025	-.679	220	314	-.429	.219	-1.062	-.988
220	124	-.397	.108	-.031	-.766	220	174	-.312	.105	-.014	-.663	220	315	-.176	.111	-.180	-.342
220	125	-.373	.104	-.000	-.738	220	175	-.306	.107	-.012	-.708	220	316	-.054	.116	-.378	-.458
220	126	-.367	.099	-.029	-.784	220	176	-.305	.109	-.037	-.721	220	317	-.022	.171	-.606	-.645
220	127	-.351	.099	-.003	-.724	220	177	-.292	.110	-.050	-.742	220	318	-.316	.166	-.950	-.185
220	128	-.339	.099	-.034	-.733	220	178	-.280	.108	-.052	-.711	220	319	-.394	.206	-1.042	-.413
220	129	-.333	.103	-.003	-.708	220	179	-.281	.109	-.059	-.728	220	320	-.400	.218	-1.065	-.312
220	130	-.331	.098	-.010	-.655	220	180	-.375	.130	-.040	-.910	220	321	-.171	.103	-.252	-.514
220	131	-.327	.097	-.005	-.660	220	181	-.256	.111	-.081	-.617	220	322	-.345	.212	-1.071	-.445
220	132	-.321	.098	-.013	-.650	220	182	-.370	.147	-.020	-1.043	220	323	-.174	.105	-.195	-.515
220	133	-.316	.100	-.074	-.676	220	183	-.339	.140	-.064	-.957	220	324	-.079	.123	-.331	-.454
220	134	-.320	.099	-.072	-.669	220	184	-.298	.121	-.089	-.759	220	325	-.096	.193	-.545	-.712
220	135	-.409	.119	-.056	-.960	220	185	-.305	.127	-.065	-.840	220	326	-.250	.163	-.897	-.261
220	136	-.306	.098	-.055	-.658	220	186	-.285	.121	-.091	-.688	220	327	-.308	.218	-.951	-.441
220	137	-.407	.127	-.045	-.978	220	187	-.303	.128	-.106	-.787	220	328	-.275	.216	-.903	-.482
220	138	-.405	.117	-.058	-.917	220	188	-.300	.125	-.105	-.737	220	329	-.184	.098	-.167	-.484
220	139	-.389	.110	-.043	-.831	220	189	-.286	.123	-.205	-.754	220	330	-.224	.207	-.842	-.461
220	140	-.363	.104	-.021	-.810	220	190	-.267	.114	-.170	-.591	220	331	-.189	.103	-.213	-.512
220	141	-.341	.103	-.077	-.724	220	191	-.268	.115	-.144	-.597	220	332	-.107	.123	-.441	-.492
220	142	-.336	.097	-.043	-.715	220	192	-.294	.120	-.113	-.732	220	333	-.109	.174	-.649	-.659
220	143	-.335	.095	-.004	-.785	220	193	-.304	.110	-.115	-.728	220	334	-.155	.157	-.794	-.309
220	144	-.322	.093	-.049	-.685	220	194	-.290	.107	-.083	-.764	220	335	-.180	.209	-.904	-.409
220	145	-.313	.099	-.006	-.630	220	195	-.294	.108	-.092	-.918	220	336	-.162	.209	-.862	-.501
220	146	-.312	.098	-.005	-.606	220	196	-.289	.109	-.064	-.880	220	337	-.186	.110	-.183	-.619
220	147	-.301	.100	-.026	-.633	220	197	-.269	.107	-.108	-.756	220	338	-.103	.170	-.752	-.349
220	148	-.291	.099	-.024	-.617	220	198	-.267	.105	-.102	-.745	220	339	-.135	.118	-.309	-.616
220	149	-.295	.106	-.054	-.629	220	199	-.290	.116	-.058	-.863	220	340	-.069	.123	-.341	-.523
220	150	-.386	.131	-.053	-.917	220	200	-.283	.110	-.053	-.821	220	341	-.066	.127	-.353	-.541
220	151	-.288	.104	-.064	-.631	220	201	-.304	.120	-.059	-.861	220	342	-.101	.125	-.557	-.405
220	152	-.369	.135	-.112	-.879	220	202	-.274	.112	-.087	-.656	220	343	-.106	.117	-.535	-.666
220	153	-.374	.128	-.018	-.971	220	203	-.279	.108	-.076	-.614	220	344	-.132	.113	-.498	-.665
220	154	-.361	.117	-.035	-.861	220	204	-.295	.108	-.059	-.635	220	345	-.048	.121	-.460	-.342

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	346	.088	.115	.350	.332	220	448	.359	.155	.879	-.156	220	529	-.438	.163	.085	-1.296
220	347	.151	.127	.687	.217	220	449	.190	.121	.199	-.669	220	530	-.446	.180	.084	-1.601
220	348	.132	.115	.531	.306	220	450	.304	.143	.929	-.186	220	531	-.385	.128	.014	-.977
220	401	.214	.159	.680	.416	220	451	.310	.149	.870	-.212	220	532	-.441	.179	.118	-1.431
220	402	.204	.157	.719	.253	220	452	.369	.137	.903	-.079	220	533	-.376	.130	.029	-.939
220	403	.090	.147	.620	.364	220	453	.339	.129	.754	-.119	220	534	-.385	.131	.028	-.961
220	404	.012	.135	.615	.505	220	454	.293	.124	.754	-.178	220	535	-.396	.141	.035	-1.152
220	405	.003	.144	.644	.482	220	455	.215	.117	.633	-.212	220	536	-.411	.150	.076	-.503
220	406	.020	.132	.409	.479	220	456	.091	.112	.520	-.303	220	537	-.429	.165	.116	-1.153
220	407	.054	.129	.414	.513	220	457	.084	.113	.367	-.522	220	538	-.437	.184	.095	-.832
220	408	.128	.119	.292	.581	220	458	.203	.122	.276	-.719	220	539	-.383	.140	.103	-.877
220	409	.231	.118	.175	.682	220	459	.266	.145	.837	-.255	220	540	-.411	.188	.119	-2.204
220	410	.473	.211	1.104	.167	220	460	.216	.112	.119	-.704	220	541	-.435	.178	.095	-1.549
220	411	.418	.191	1.020	.284	220	461	.191	.125	.864	-.233	220	542	-.442	.173	.090	-1.278
220	412	.251	.164	.747	.324	220	462	.279	.136	.993	-.113	220	543	-.408	.144	.101	-1.111
220	413	.185	.152	.659	.343	220	463	.262	.148	1.152	-.019	220	544	-.401	.142	.020	-1.065
220	414	.261	.158	.755	.346	220	464	.409	.142	.957	-.014	220	545	-.381	.153	.076	-1.395
220	415	.118	.143	.624	.315	220	465	.358	.131	.898	-.036	220	546	-.381	.153	.076	-1.345
220	416	.108	.138	.633	.376	220	466	.255	.121	.677	-.123	220	547	-.350	.127	.055	-.898
220	417	.514	.196	1.091	.071	220	467	.086	.111	.431	-.256	220	548	-.333	.134	.055	-1.000
220	418	.529	.184	1.088	.079	220	468	.134	.127	.260	-.604	220	549	-.292	.114	.117	-.768
220	419	.509	.169	.999	.028	220	469	.245	.117	.187	-.829	220	550	-.298	.114	.105	-1.884
220	420	.377	.143	.886	.003	220	501	.434	.132	.026	-1.008	220	551	-.291	.124	.121	-.808
220	421	.299	.133	.778	.069	220	502	.441	.133	.024	-1.029	220	552	-.339	.133	.037	-.928
220	422	.269	.133	.758	.120	220	503	.434	.134	.029	-1.211	220	553	-.314	.138	.120	-1.028
220	423	.154	.128	.691	.263	220	504	.428	.145	.013	-1.303	220	554	-.295	.121	.090	-1.724
220	424	.006	.123	.454	.405	220	505	.417	.146	.004	-1.343	220	555	-.285	.126	.148	-.841
220	425	.170	.118	.296	.525	220	506	.524	.155	.025	-1.345	220	556	-.283	.125	.107	-.859
220	426	.507	.189	1.050	.066	220	507	.167	.135	.035	-1.192	220	901	-.223	.112	.056	-.695
220	427	.181	.123	.311	.564	220	508	.491	.135	.046	-1.063	220	902	-.350	.113	.061	-1.770
220	428	.520	.192	1.125	.112	220	509	.434	.125	.027	-1.101	220	903	-.378	.115	.039	-.811
220	429	.529	.181	1.079	.018	220	510	.439	.137	.030	-1.345	220	904	-.603	.117	.422	-1.398
220	430	.524	.171	1.118	.014	220	511	.431	.141	.017	-1.066	220	905	-.259	.103	.094	-.700
220	431	.461	.156	1.019	.038	220	512	.436	.146	.007	-1.138	220	906	-.275	.100	.042	-.653
220	432	.372	.141	.856	.094	220	513	.423	.129	.054	-1.901	220	907	-.257	.103	.048	-.627
220	433	.277	.129	.696	.154	220	514	.433	.138	.021	-1.043	220	908	-.284	.121	.065	-.873
220	434	.147	.120	.320	.248	220	515	.399	.109	.015	-1.796	220	909	-.262	.120	.130	-.858
220	435	.046	.113	.356	.438	220	516	.433	.136	.002	-1.265	220	910	-.292	.126	.137	-.844
220	436	.173	.115	.293	.500	220	517	.400	.113	.003	-1.873	230	1	-.787	.213	.156	-1.756
220	437	.458	.169	.994	.133	220	518	.410	.113	.016	-.885	230	2	-.359	.211	.348	-1.147
220	438	.184	.118	.267	.728	220	519	.418	.127	.048	-1.091	230	3	-.191	.136	.277	-.640
220	439	.420	.164	.971	.190	220	520	.429	.136	.071	-1.013	230	4	-.268	.164	.248	-.874
220	440	.438	.170	1.024	.085	220	521	.440	.146	.098	-1.264	230	5	-.380	.137	.121	-.921
220	441	.426	.155	.950	.014	220	522	.448	.155	.084	-1.204	230	6	-.478	.164	.155	-1.346
220	442	.388	.144	.868	.117	220	523	.394	.123	.035	-.929	230	7	-.478	.204	.219	-1.120
220	443	.332	.135	.798	.088	220	524	.438	.166	.079	-1.252	230	8	-.355	.140	.084	-1.037
220	444	.268	.126	.746	.066	220	525	.389	.131	.046	-.976	230	9	-.461	.141	.031	-.978
220	445	.248	.117	.551	.261	220	526	.385	.120	.067	-.929	230	10	-.647	.255	.341	-1.562
220	446	.055	.116	.383	.453	220	527	.412	.137	.022	-.993	230	11	-.733	.212	.098	-2.119
220	447	.261	.117	.163	.734	220	528	.427	.148	.009	-1.271	230	12	-.697	.172	.111	-1.316

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
2330	13	-.343	.136	-.055	-1.109	230	149	-.304	.110	.176	-.743	230	199	-.236	.108	.077	-.731
2330	14	-.410	.140	-.072	-1.149	230	150	-.359	.123	.132	-.835	230	200	-.226	.107	.096	-.687
2330	101	-.374	.119	-.024	-.773	230	151	-.298	.118	.192	-1.123	230	201	-.237	.105	.122	-.691
2330	102	-.375	.118	-.001	-.805	230	152	-.340	.124	.158	-.839	230	202	-.236	.099	.137	-.637
2330	103	-.374	.120	-.010	-1.050	230	153	-.335	.126	.092	-.870	230	203	-.261	.108	.136	-.728
2330	104	-.362	.125	.006	-1.143	230	154	-.315	.121	.040	-.835	230	204	-.287	.115	.136	-.761
2330	105	-.343	.134	.142	-1.448	230	155	-.290	.120	.082	-.736	230	205	-.298	.122	.077	-.914
2330	106	-.350	.148	.096	-1.371	230	156	-.296	.120	.097	-.698	230	206	-.287	.112	.066	-.784
2330	107	-.362	.164	.154	-1.092	230	157	-.322	.113	.054	-.715	230	207	-.278	.118	.052	-1.130
2330	108	-.375	.184	.246	-1.229	230	158	-.360	.112	.024	-.735	230	208	-.273	.118	.067	-1.113
2330	109	-.369	.162	.108	-1.503	230	159	-.335	.110	.026	-.741	230	209	-.285	.115	.074	-1.713
2330	110	-.391	.141	.146	-1.165	230	160	-.311	.111	.066	-.750	230	301	-.070	.126	.368	-.525
2330	111	-.416	.133	.052	-1.031	230	161	-.315	.119	.068	-.898	230	302	.020	.139	.475	-.476
2330	112	-.443	.124	-.010	-1.075	230	162	-.312	.116	.073	-1.060	230	303	.113	.175	.667	-.638
2330	113	-.436	.122	-.043	-.930	230	163	-.298	.116	.081	-1.156	230	304	.241	.176	.825	-.317
2330	114	-.360	.113	.013	-.740	230	164	-.295	.116	.076	-1.157	230	305	.322	.176	.886	-.218
2330	115	-.355	.112	.039	-.719	230	165	-.327	.116	.000	-.917	230	306	.354	.181	.877	-.223
2330	116	-.349	.112	.073	-.736	230	166	-.276	.108	.040	-.772	230	307	-.015	.125	.435	-.442
2330	117	-.346	.112	-.029	-.697	230	167	-.319	.116	.014	-.860	230	308	.120	.137	.580	-.306
2330	118	-.349	.113	-.017	-.723	230	168	-.307	.114	.017	-.852	230	309	.270	.179	.838	-.408
2330	119	-.341	.117	-.011	-.798	230	169	-.299	.111	.147	-.765	230	310	.453	.174	.981	-.097
2330	120	-.342	.116	-.028	-.780	230	170	-.282	.106	.099	-.818	230	311	.518	.175	1.007	-.011
2330	121	-.334	.111	.018	-.774	230	171	-.271	.105	.154	-.605	230	312	.533	.203	1.079	-.212
2330	122	-.364	.103	.019	-.763	230	172	-.304	.106	.086	-.808	230	313	-.093	.116	.299	-.470
2330	123	-.358	.102	.027	-.778	230	173	-.354	.127	.116	-.903	230	314	.557	.195	1.103	-.134
2330	124	-.355	.102	.036	-.800	230	174	-.338	.122	.146	-1.190	230	315	-.084	.117	.369	-.485
2330	125	-.357	.109	.005	-.739	230	175	-.314	.121	.173	-1.091	230	316	.064	.136	.544	-.361
2330	126	-.359	.108	-.033	-.689	230	176	-.314	.122	.164	-.917	230	317	.208	.199	.887	-.508
2330	127	-.349	.111	-.015	-.747	230	177	-.278	.110	.085	-1.089	230	318	.457	.183	1.097	-.075
2330	128	-.344	.112	.015	-.775	230	178	-.265	.105	.053	-.785	230	319	.514	.179	1.083	-.059
2330	129	-.336	.119	.043	-.692	230	179	-.260	.106	.043	-.774	230	320	.517	.185	1.040	-.123
2330	130	-.334	.111	.019	-.701	230	180	-.301	.114	.028	-.920	230	321	-.085	.115	.326	-.442
2330	131	-.327	.110	.051	-.692	230	181	-.267	.114	.114	-.682	230	322	.481	.184	1.046	-.102
2330	132	-.324	.113	.100	-.685	230	182	-.287	.121	.088	-.921	230	323	-.087	.117	.330	-.436
2330	133	-.331	.111	.060	-.732	230	183	-.268	.118	.183	-.873	230	324	.020	.123	.540	-.417
2330	134	-.335	.109	-.061	-.729	230	184	-.250	.110	.139	-.630	230	325	.111	.184	.758	-.460
2330	135	-.375	.117	-.015	-.788	230	185	-.254	.113	.125	-.682	230	326	.363	.168	.973	-.078
2330	136	-.315	.109	-.085	-.700	230	186	-.255	.114	.132	-.633	230	327	.424	.172	1.006	-.134
2330	137	-.379	.112	-.014	-.855	230	187	-.252	.112	.108	-.694	230	328	.399	.178	.966	-.261
2330	138	-.377	.109	-.013	-.801	230	188	-.249	.110	.088	-.694	230	329	-.114	.104	.233	-.502
2330	139	-.357	.107	-.015	-.783	230	189	-.236	.108	.115	-.640	230	330	-.355	.166	.882	-.379
2330	140	-.343	.105	.014	-.715	230	190	-.235	.108	.098	-.622	230	331	-.118	.108	.360	-.452
2330	141	-.344	.103	.001	-.680	230	191	-.259	.111	.107	-.681	230	332	-.024	.118	.472	-.447
2330	142	-.370	.106	-.023	-.716	230	192	-.286	.118	.074	-.765	230	333	.056	.160	.737	-.521
2330	143	-.374	.108	-.019	-.736	230	193	-.315	.132	.130	-1.114	230	334	.275	.146	.845	-.255
2330	144	-.356	.104	-.014	-.711	230	194	-.298	.122	.138	-.872	230	335	.330	.152	.895	-.374
2330	145	-.329	.106	-.002	-.723	230	195	-.298	.122	.129	-1.074	230	336	.304	.175	.872	-.294
2330	146	-.330	.110	-.002	-.719	230	196	-.286	.121	.151	-1.135	230	337	-.136	.112	.257	-.561
2330	147	-.318	.111	.023	-.751	230	197	-.278	.122	.065	-.989	230	338	-.221	.164	.964	-.342
2330	148	-.310	.108	.044	-.669	230	198	-.276	.120	.079	-.968	230	339	-.075	.112	.299	-.430



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	340	.042	.123	.466	.417	230	442	.312	.134	.862	-.108	230	523	-.336	.114	.009	-.757
230	341	.024	.137	.500	.401	230	443	.250	.124	.719	-.150	230	524	-.378	.120	.023	-.907
230	342	.180	.136	.697	.270	230	444	.181	.112	.580	-.193	230	525	-.326	.115	.045	-.764
230	343	.163	.138	.696	.270	230	445	.058	.106	.430	-.356	230	526	-.328	.121	.020	-.750
230	344	.163	.130	.730	.244	230	446	.098	.107	.237	-.554	230	527	-.333	.115	.000	-.915
230	345	.119	.123	.572	.322	230	447	-.	.124	.131	-.717	230	528	-.333	.120	-.	-1.070
230	346	.057	.127	.555	.291	230	448	.369	.160	.963	-.205	230	529	-.333	.133	.049	-1.283
230	347	.255	.146	.829	.469	230	449	.133	.104	.262	-.540	230	530	-.333	.140	-.	-1.496
230	348	.192	.125	.625	.260	230	450	.334	.151	.897	-.167	230	531	-.333	.111	.046	-1.774
230	401	.139	.166	.619	.535	230	451	.317	.149	.966	-.034	230	532	-.333	.114	.073	-1.032
230	402	.156	.171	.711	.501	230	452	.345	.134	.931	-.034	230	533	-.333	.114	.053	-1.729
230	403	.052	.142	.505	.464	230	453	.288	.121	.840	-.046	230	534	-.333	.123	.093	-.816
230	404	.062	.125	.398	.515	230	454	.246	.115	.800	-.131	230	535	-.333	.123	.076	-.919
230	405	.011	.151	.677	.516	230	455	.163	.109	.624	-.154	230	536	-.333	.142	.081	-1.214
230	406	.056	.117	.477	.418	230	456	.643	.107	.435	-.317	230	537	-.333	.149	.090	-1.214
230	407	.050	.114	.392	.477	230	457	.099	.106	.277	-.460	230	538	-.333	.127	.119	-1.732
230	408	.057	.114	.237	.599	230	458	.186	.111	.209	-.561	230	539	-.333	.148	.108	-1.202
230	409	.232	.117	.474	.704	230	459	.291	.151	.807	-.301	230	540	-.333	.134	.145	-.947
230	410	.411	.183	.994	.211	230	460	.201	.109	.118	-.578	230	541	-.333	.135	.144	-.815
230	411	.365	.182	.993	.166	230	461	.256	.121	.746	-.164	230	542	-.333	.130	.064	-.824
230	412	.150	.140	.674	.902	230	462	.266	.132	.800	-.090	230	543	-.333	.139	.053	-.835
230	413	.131	.131	.530	.909	230	463	.260	.143	.918	-.047	230	544	-.333	.139	.088	-1.153
230	414	.096	.137	.647	.287	230	464	.266	.128	.921	-.106	230	545	-.333	.139	.088	-1.153
230	415	.046	.122	.456	.303	230	465	.286	.117	.832	-.128	230	546	-.333	.129	.088	-1.153
230	416	.049	.132	.641	.364	230	466	.191	.109	.747	-.193	230	547	-.333	.129	.088	-1.153
230	417	.432	.197	1.126	.197	230	467	.051	.100	.503	-.301	230	548	-.333	.129	.132	-1.082
230	418	.448	.187	1.102	.153	230	468	.123	.103	.253	-.491	230	549	-.333	.110	.133	-1.616
230	419	.428	.158	.999	.150	230	469	.212	.108	.181	-.641	230	550	-.333	.110	.133	-1.597
230	420	.293	.130	.762	.124	230	501	.370	.117	.086	-.787	230	551	-.333	.114	.187	-1.714
230	421	.227	.122	.763	.151	230	502	.374	.118	.090	-.804	230	552	-.333	.122	.179	-.999
230	422	.198	.122	.696	.179	230	503	.377	.117	.033	-.790	230	553	-.333	.128	.174	-1.152
230	423	.086	.116	.586	.278	230	504	.376	.117	.028	-.850	230	554	-.333	.113	.174	-.565
230	424	.052	.108	.319	.600	230	505	.376	.119	.021	-.932	230	555	-.333	.109	.075	-.628
230	425	.192	.103	.152	.600	230	506	.374	.122	.017	-.038	230	556	-.333	.108	.095	-.639
230	426	.461	.188	1.107	.677	230	507	.454	.151	.008	-.012	230	901	-.333	.130	.058	-.895
230	427	.210	.106	.159	.671	230	508	.366	.128	.020	-.839	230	902	-.333	.127	.111	-.755
230	428	.430	.191	1.022	.515	230	509	.333	.118	.045	-.794	230	903	-.333	.123	.032	-.776
230	429	.435	.174	1.002	.535	230	510	.333	.120	.032	-.740	230	904	-.333	.133	.057	-.720
230	430	.431	.152	.921	.627	230	511	.333	.117	.026	-.768	230	905	-.333	.133	.156	-1.106
230	431	.356	.139	.879	.799	230	512	.371	.117	.018	-.808	230	906	-.333	.128	.072	-.908
230	432	.293	.130	.713	.681	230	513	.363	.116	.020	-.733	230	907	-.333	.122	.154	-.908
230	433	.203	.121	.607	.146	230	514	.367	.117	.045	-.763	230	908	-.333	.115	.156	-.633
230	434	.075	.115	.488	.262	230	515	.350	.111	.007	-.762	230	909	-.333	.109	.115	-.639
230	435	.096	.109	.254	.446	230	516	.363	.117	.017	-.831	230	910	-.333	.114	.078	-.692
230	436	.182	.114	.232	.594	230	517	.354	.112	.021	-.708	240	1	-.661	-.193	-1.302	
230	437	.433	.181	1.163	.558	230	518	.357	.112	.011	-.720	240	2	-.366	.197	-1.100	
230	438	.184	.115	.196	.650	230	519	.356	.113	.024	-.781	240	3	-.611	.125	.284	.612
230	439	.410	.175	1.276	.333	230	520	.355	.115	.013	-.780	240	4	-.677	.126	.341	.600
230	440	.388	.166	.022	.246	230	521	.355	.124	.009	-.979	240	5	-.622	.127	.259	.765
230	441	.365	.143	.941	.92	230	522	.349	.127	.004	-.984	240	6	-.611	.135	.121	-1.147

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	7	260	.182	.280	-.99	240	143	.381	.128	.241	-.92	240	193	.317	.158	.130	-1.122
240	8	281	.130	.151	-.99	240	144	.374	.125	.235	-.87	240	194	.333	.155	.105	-1.363
240	9	446	.143	.055	-	240	145	.345	.124	.003	-.84	240	195	.333	.166	.078	-2.035
240	10	638	.222	.244	-1.09	240	146	.355	.137	.029	-1.16	240	196	.333	.164	.078	-1.635
240	11	675	.189	.191	-1.61	240	147	.354	.142	.025	-1.07	240	197	.333	.177	.153	-1.432
240	12	649	.168	.094	-1.43	240	148	.341	.138	.045	-1.45	240	198	.344	.183	.154	-1.722
240	13	480	.143	.007	-1.04	240	149	.344	.135	.041	-1.99	240	199	.333	.114	.268	-1.533
240	14	307	.143	.202	-1.04	240	150	.341	.101	.109	-.82	240	200	.183	.111	.270	-1.533
240	101	303	.110	.028	-1.80	240	151	.338	.137	.018	-1.99	240	201	.192	.110	.260	-1.578
240	1013	296	.112	.042	-1.78	240	152	.256	.102	.121	-.71	240	202	.225	.129	.171	-1.764
240	1043	302	.121	.114	-1.11	240	153	.250	.101	.078	-1.59	240	203	.225	.140	.125	-1.971
240	10433	306	.127	.091	-1.11	240	154	.225	.102	.089	-1.60	240	204	.304	.152	.100	-1.988
240	1053	302	.134	.119	-1.05	240	155	.225	.103	.087	-1.68	240	205	.304	.141	.139	-1.152
240	1063	306	.144	.176	-1.11	240	156	.225	.109	.036	-1.69	240	206	.331	.138	.099	-1.991
240	10633	306	.173	.213	-1.11	240	157	.225	.122	.034	-1.74	240	207	.331	.149	.102	-1.185
240	1073	336	.207	.236	-1.11	240	158	.225	.131	.111	-.85	240	208	.333	.155	.133	-1.382
240	10733	368	.192	.143	-1.31	240	159	.225	.133	.031	-1.99	240	209	.333	.155	.133	-1.134
240	109	420	.177	.278	-1.11	240	160	.225	.138	.102	-1.91	240	210	.333	.142	.142	-1.418
240	110	466	.162	.107	-1.11	240	161	.225	.153	.102	-1.46	240	211	.333	.155	.155	-1.346
240	111	472	.136	.066	-1.11	240	162	.341	.147	.125	-1.19	240	212	.333	.177	.177	-1.268
240	112	492	.128	.064	-1.11	240	163	.334	.139	.043	-1.34	240	213	.333	.172	.172	-1.285
240	113	286	.106	.040	-1.11	240	164	.327	.136	.052	-1.24	240	214	.333	.167	.167	-1.334
240	114	297	.106	.017	-1.11	240	165	.340	.105	.109	-1.69	240	215	.333	.164	.164	-1.471
240	115	303	.104	.019	-1.11	240	166	.327	.140	.123	-1.17	240	216	.333	.144	.144	-1.264
240	117	444	.124	.056	-1.11	240	167	.233	.106	.104	-1.62	240	217	.333	.167	.167	-1.264
240	118	444	.140	.071	-1.11	240	168	.219	.104	.108	-1.61	240	218	.333	.190	.190	-1.163
240	119	331	.140	.073	-1.11	240	169	.217	.108	.109	-1.69	240	219	.333	.184	.184	-1.042
240	120	333	.144	.054	-1.11	240	170	.222	.106	.094	-1.62	240	220	.333	.177	.177	-1.035
240	121	333	.137	.052	-1.11	240	171	.222	.118	.142	-.73	240	221	.333	.164	.164	-1.166
240	122	333	.101	.052	-1.11	240	172	.222	.118	.055	-1.56	240	222	.333	.127	.127	-1.434
240	123	333	.101	.054	-1.11	240	173	.222	.138	.055	-1.58	240	223	.333	.159	.159	-1.054
240	124	333	.103	.054	-1.11	240	174	.222	.150	.066	-1.56	240	224	.333	.137	.137	-1.391
240	125	300	.105	.066	-1.11	240	175	.222	.161	.066	-1.19	240	225	.333	.133	.133	-1.206
240	126	307	.110	.049	-1.11	240	176	.222	.161	.122	-1.10	240	226	.333	.133	.133	-1.291
240	127	321	.118	.070	-1.11	240	177	.222	.169	.122	-1.20	240	227	.333	.133	.133	-1.041
240	128	326	.142	.081	-1.11	240	178	.222	.171	.183	-1.22	240	228	.333	.133	.133	-1.068
240	129	339	.140	.056	-1.11	240	179	.222	.160	.124	-1.10	240	229	.333	.133	.133	-1.411
240	130	339	.130	.041	-1.11	240	180	.222	.160	.136	-1.13	240	230	.333	.133	.133	-1.080
240	131	339	.136	.057	-1.11	240	181	.222	.105	.133	-1.36	240	231	.333	.133	.133	-1.447
240	132	339	.136	.013	-1.11	240	182	.222	.166	.122	-1.36	240	232	.333	.133	.133	-1.345
240	133	339	.136	.030	-1.11	240	183	.222	.114	.163	-1.36	240	233	.333	.133	.133	-1.510
240	134	339	.135	.007	-1.11	240	184	.222	.113	.172	-1.37	240	234	.333	.133	.133	-1.133
240	135	339	.135	.003	-1.11	240	185	.222	.110	.175	-1.61	240	235	.333	.133	.133	-1.100
240	136	339	.135	.033	-1.11	240	186	.222	.097	.137	-1.50	240	236	.333	.133	.133	-1.026
240	137	339	.131	.017	-1.11	240	187	.222	.109	.128	-1.38	240	237	.333	.133	.133	-1.072
240	138	339	.107	.023	-1.11	240	188	.222	.098	.138	-1.38	240	238	.333	.133	.133	-1.526
240	139	339	.105	.035	-1.11	240	189	.222	.096	.138	-1.38	240	239	.333	.133	.133	-1.526
240	140	339	.106	.028	-1.11	240	190	.222	.112	.208	-1.38	240	240	.333	.133	.133	-1.594
240	141	300	.109	.051	-1.11	240	191	.222	.122	.208	-1.38	240	241	.333	.133	.133	-1.414
240	142	344	.117	.113	-1.11	240	192	.222	.138	.208	-1.38	240	242	.333	.133	.133	-1.413
240	366	.124	.133	-1.11													

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	334	.326	.149	.834	.120	240	436	.171	.103	.161	.586	240	517	.222	.108	.130	.626
240	335	.350	.146	.843	.099	240	437	.262	.206	.948	.613	240	518	.222	.108	.128	.626
240	336	.339	.154	.941	.131	240	438	.173	.104	.181	.589	240	519	.222	.108	.128	.626
240	337	.112	.122	.285	.486	240	439	.261	.200	.923	.629	240	520	.222	.108	.114	.651
240	338	.269	.148	.851	.227	240	440	.292	.171	.846	.466	240	521	.222	.108	.117	.651
240	339	.047	.118	.346	.389	240	441	.304	.125	.773	.677	240	522	.222	.108	.117	.651
240	340	.049	.127	.504	.422	240	442	.242	.116	.759	.130	240	523	.222	.108	.109	.651
240	341	.112	.147	.629	.389	240	443	.183	.108	.638	.149	240	524	.222	.108	.117	.651
240	342	.258	.144	.834	.333	240	444	.121	.103	.496	.201	240	525	.222	.108	.108	.651
240	343	.242	.143	.796	.333	240	445	.021	.106	.366	.202	240	526	.222	.108	.117	.651
240	344	.219	.146	.666	.333	240	446	.106	.101	.262	.436	240	527	.222	.108	.102	.651
240	345	.148	.135	.666	.333	240	447	.255	.117	.161	.703	240	528	.222	.108	.102	.651
240	346	.103	.143	.734	.333	240	448	.284	.191	.846	.583	240	529	.222	.108	.085	.651
240	347	.303	.149	.872	.333	240	449	.161	.097	.188	.149	240	530	.222	.108	.111	.651
240	348	.260	.133	.758	.333	240	450	.271	.179	.930	.424	240	531	.222	.108	.110	.651
240	401	.088	.191	.561	.555	240	451	.258	.162	.856	.222	240	532	.222	.108	.122	.651
240	402	.000	.163	.443	.555	240	452	.271	.128	.759	.432	240	533	.222	.108	.110	.651
240	403	.010	.116	.335	.555	240	453	.219	.116	.696	.142	240	534	.222	.108	.102	.651
240	404	.108	.121	.320	.555	240	454	.168	.111	.597	.203	240	535	.222	.108	.102	.651
240	405	.008	.157	.637	.555	240	455	.103	.108	.468	.262	240	536	.222	.108	.103	.651
240	406	.079	.118	.327	.555	240	456	.009	.100	.435	.466	240	537	.222	.108	.110	.651
240	407	.095	.115	.279	.555	240	457	.103	.101	.348	.468	240	538	.222	.108	.113	.651
240	408	.159	.105	.402	.555	240	458	.173	.107	.344	.559	240	539	.222	.108	.104	.651
240	409	.227	.108	.186	.555	240	459	.246	.151	.854	.326	240	540	.222	.108	.118	.651
240	410	.217	.178	.769	.555	240	460	.142	.102	.182	.472	240	541	.222	.108	.107	.651
240	411	.253	.142	.722	.555	240	461	.286	.125	.757	.111	240	542	.222	.108	.107	.651
240	412	.075	.126	.527	.555	240	462	.312	.128	.837	.072	240	543	.222	.108	.112	.651
240	413	.037	.121	.464	.555	240	463	.313	.131	.875	.068	240	544	.222	.108	.111	.651
240	414	.147	.130	.564	.555	240	464	.260	.114	.649	.081	240	545	.222	.108	.116	.651
240	415	.014	.117	.455	.555	240	465	.214	.104	.548	.106	240	546	.222	.108	.117	.651
240	416	.019	.124	.338	.555	240	466	.133	.096	.424	.176	240	547	.222	.108	.104	.651
240	417	.207	.201	.870	.555	240	467	.027	.091	.318	.283	240	548	.222	.108	.106	.651
240	418	.229	.206	.847	.555	240	468	.092	.097	.202	.488	240	549	.222	.108	.101	.651
240	419	.318	.142	.808	.555	240	469	.155	.100	.154	.558	240	550	.222	.108	.101	.651
240	420	.201	.119	.547	.555	240	501	.278	.116	.654	.870	240	551	.222	.108	.107	.651
240	421	.154	.114	.497	.555	240	502	.283	.117	.644	.878	240	552	.222	.108	.103	.651
240	422	.126	.117	.515	.555	240	503	.270	.109	.684	.719	240	553	.222	.108	.105	.651
240	423	.036	.112	.375	.555	240	504	.265	.106	.660	.675	240	554	.222	.108	.098	.651
240	424	.065	.108	.359	.555	240	505	.275	.107	.650	.643	240	555	.222	.108	.142	.651
240	425	.167	.107	.265	.555	240	506	.282	.109	.651	.669	240	556	.222	.108	.110	.651
240	426	.218	.218	.916	.555	240	507	.351	.132	.930	.926	240	901	.354	.147	.222	.960
240	427	.190	.111	.218	.555	240	508	.316	.116	.822	.765	240	902	.324	.131	.176	.945
240	428	.209	.209	.817	.555	240	509	.271	.109	.684	.735	240	903	.322	.120	.122	.728
240	429	.278	.205	.784	.555	240	510	.274	.110	.684	.675	240	904	.323	.123	.589	.414
240	430	.338	.132	.731	.555	240	511	.278	.108	.691	.703	240	905	.323	.120	.100	.029
240	431	.271	.119	.641	.555	240	512	.283	.108	.672	.716	240	906	.323	.131	.127	.096
240	432	.217	.116	.577	.555	240	513	.277	.109	.698	.711	240	907	.329	.131	.293	.786
240	433	.138	.108	.484	.555	240	514	.286	.108	.695	.723	240	908	.206	.107	.146	.629
240	434	.030	.102	.411	.555	240	515	.261	.106	.116	.611	240	909	.188	.107	.142	.589
240	435	.102	.097	.254	.555	240	516	.289	.107	.126	.641	240	910	.220	.108	.134	.601

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN
2550	1	.586	.169	.098	-1.618	250	137	-.156	.105	.175	-.536	250	187	-.082	.106	.269	-.399
2550	2	.159	.163	.377	-.796	250	138	-.156	.103	.173	-.511	250	188	-.087	.105	.273	-.403
2550	3	.058	.113	.328	-.502	250	139	-.159	.109	.184	-.505	250	189	-.076	.094	.222	-.535
2550	4	.024	.111	.375	-.462	250	140	-.162	.119	.192	-.1291	250	190	-.128	.110	.196	-.593
2550	5	.024	.147	.460	-.319	250	141	-.184	.132	.225	-.1378	250	191	-.153	.121	.227	-.751
2550	6	.550	.169	.066	-1.244	250	142	-.208	.137	.214	-.1422	250	192	-.182	.136	.226	-.770
2550	7	.072	.112	.260	-.640	250	143	-.239	.148	.263	-.1028	250	193	-.218	.138	.185	-.836
2550	8	.118	.123	.294	-.633	250	144	-.252	.168	.297	-.1939	250	194	-.235	.150	.160	-.1045
2550	9	.305	.153	.192	-.914	250	145	-.308	.173	.298	-.1285	250	195	-.272	.171	.150	-.1634
2550	10	.455	.244	.254	-1.613	250	146	-.399	.202	.315	-.1300	250	196	-.274	.173	.162	-.1135
2550	11	.681	.262	.177	-1.781	250	147	-.483	.259	.169	-.1870	250	197	-.267	.167	.245	-.1023
2550	12	.441	.166	.078	-1.018	250	148	-.573	.285	.128	-2.300	250	198	-.266	.169	.254	-.1176
2550	13	.319	.136	.106	-.839	250	149	-.560	.278	.108	-1.748	250	199	-.082	.103	.311	-.397
2550	14	.154	.122	.262	-.941	250	150	-.162	.112	.150	-.679	250	200	-.088	.101	.300	-.401
2550	101	.171	.110	.168	-1.611	250	151	-.481	.240	.185	-1.732	250	201	-.093	.095	.205	-.447
2550	102	.164	.114	.172	-.718	250	152	-.140	.109	.196	-.515	250	202	-.141	.121	.211	-.633
2550	103	.168	.116	.190	-.758	250	153	-.140	.098	.188	-.478	250	203	-.159	.123	.246	-.687
2550	104	.194	.129	.161	-.711	250	154	-.153	.101	.168	-.482	250	204	-.185	.137	.274	-.703
2550	105	.256	.155	.128	-.882	250	155	-.165	.110	.194	-.515	250	205	-.183	.144	.281	-.690
2550	106	.369	.203	.195	-1.302	250	156	-.177	.120	.204	-.951	250	206	-.196	.148	.260	-.723
2550	107	.412	.224	.231	-1.364	250	157	-.197	.115	.238	-.663	250	207	-.226	.165	.359	-.978
2550	108	.301	.204	.266	-1.318	250	158	-.227	.125	.219	-.651	250	208	-.245	.172	.374	-.1359
2550	109	.365	.228	.197	-1.430	250	159	-.245	.141	.283	-.863	250	209	-.271	.152	.244	-.926
2550	110	.352	.190	.168	-1.836	250	160	-.268	.153	.249	-.931	250	301	.126	.202	.800	-.464
2550	111	.437	.211	.236	-1.643	250	161	-.318	.176	.197	-.1065	250	302	.235	.213	.947	-.391
2550	112	.700	.292	.189	-1.872	250	162	-.359	.194	.203	-1.381	250	303	.345	.226	.983	-.522
2550	113	.860	.396	.067	-2.310	250	163	-.402	.208	.118	-1.387	250	304	.349	.206	1.022	-.369
2550	114	.168	.091	.125	-.607	250	164	-.397	.208	.122	-1.469	250	305	.357	.192	.998	-.259
2550	115	.182	.098	.115	-.561	250	165	-.126	.097	.204	-.494	250	306	.313	.177	.854	-.284
2550	116	.208	.111	.106	-.610	250	166	-.343	.195	.382	-1.359	250	307	.077	.199	1.107	-.928
2550	117	.221	.126	.227	-.701	250	167	-.116	.096	.197	-.419	250	308	.247	.209	1.106	-.475
2550	118	.242	.128	.199	-.719	250	168	-.110	.094	.189	-.420	250	309	.428	.231	1.139	-.595
2550	119	.247	.134	.192	-1.049	250	169	-.116	.098	.218	-.476	250	310	.471	.211	1.178	-.345
2550	120	.244	.141	.192	-1.074	250	170	-.133	.104	.214	-.566	250	311	.448	.196	1.035	-.200
2550	121	.279	.158	.206	-1.004	250	171	-.159	.119	.222	-.682	250	312	.367	.171	1.015	-.205
2550	122	.179	.104	.191	-.513	250	172	-.185	.129	.212	-.660	250	313	-.108	.168	.573	-.764
2550	123	.182	.105	.200	-.498	250	173	-.230	.137	.238	-.799	250	314	-.388	.165	.926	-.130
2550	124	.201	.116	.192	-.771	250	174	-.242	.138	.187	-.857	250	315	-.114	.161	.614	-.698
2550	125	.229	.133	.150	-.897	250	175	-.254	.144	.210	-.904	250	316	.076	.169	.796	-.484
2550	126	.258	.148	.181	-.927	250	176	-.284	.163	.219	-1.061	250	317	.297	.201	1.074	-.471
2550	127	.278	.150	.189	-.860	250	177	-.281	.172	.308	-1.052	250	318	.425	.194	1.075	-.194
2550	128	.272	.147	.228	-1.068	250	178	-.278	.161	.263	-1.067	250	319	.421	.186	1.006	-.207
2550	129	.189	.140	.267	-1.969	250	179	-.274	.160	.249	-1.052	250	320	.372	.169	.939	-.237
2550	130	.272	.156	.181	-1.189	250	180	-.099	.101	.184	-1.448	250	321	-.112	.161	.630	-.744
2550	131	.386	.182	.216	-1.317	250	181	-.267	.164	.213	-1.409	250	322	-.365	.166	.904	-.172
2550	132	.509	.242	.208	-1.666	250	182	-.081	.102	.314	-.393	250	323	-.091	.153	.597	-.687
2550	133	.733	.309	.245	-2.310	250	183	-.077	.102	.385	-.395	250	324	.024	.139	.534	-.533
2550	134	.729	.293	.068	-2.296	250	184	-.085	.100	.305	-.432	250	325	.188	.167	.795	-.486
2550	135	.172	.113	.222	-.620	250	185	-.117	.109	.266	-.440	250	326	.357	.165	1.070	-.091
2550	136	.667	.287	.161	-2.043	250	186	-.147	.118	.261	-.546	250	327	.380	.169	.998	-.150

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
22500	3328	.336	.164	.978	-.133	2250	430	.245	.134	.638	-.430	2250	5511	.165	.102	.154	-.541
22500	3329	.110	.132	.404	-.760	2250	431	.202	.111	.562	-.144	2250	5512	.174	.102	.148	-.563
22500	3330	.341	.154	.987	-.253	2250	432	.139	.109	.555	-.250	2250	5513	.159	.103	.177	-.565
22500	3331	.090	.126	.426	-.603	2250	433	.086	.101	.481	-.283	2250	5514	.165	.103	.157	-.568
22500	3332	.037	.122	.496	-.425	2250	434	.010	.098	.363	-.329	2250	5515	.140	.108	.214	-.495
22500	3333	.169	.146	.706	-.300	2250	435	.074	.095	.527	-.374	2250	5516	.165	.107	.190	-.514
22500	3334	.319	.155	.871	-.113	2250	436	.125	.095	.212	-.385	2250	5517	.139	.109	.204	-.506
22500	3335	.344	.155	.905	-.130	2250	437	.140	.191	.788	-.611	2250	5518	.144	.109	.201	-.506
22500	3336	.322	.165	.832	-.130	2250	438	.124	.095	.214	-.383	2250	5519	.168	.104	.245	-.541
22500	3337	.084	.130	.325	-.356	2250	439	.161	.169	.762	-.628	2250	5520	.176	.103	.232	-.547
22500	3338	.285	.167	.993	-.305	2250	440	.241	.169	.839	-.615	2250	5521	.178	.104	.238	-.534
22500	3339	.032	.126	.418	-.476	2250	441	.256	.124	.755	-.199	2250	5522	.185	.105	.223	-.526
22500	3340	.072	.124	.522	-.342	2250	442	.203	.112	.662	-.144	2250	5523	.186	.107	.150	-.580
22500	3341	.135	.136	.658	-.436	2250	443	.152	.105	.619	-.222	2250	5524	.187	.107	.179	-.539
22500	3342	.260	.140	.781	-.209	2250	444	.055	.103	.444	-.193	2250	5525	.153	.107	.247	-.573
22500	3343	.247	.144	.964	-.254	2250	445	.030	.101	.412	-.284	2250	5526	.142	.102	.215	-.544
22500	3344	.233	.136	.871	-.261	2250	446	.052	.102	.344	-.383	2250	5527	.150	.102	.201	-.551
22500	3345	.153	.126	.724	-.202	2250	447	.157	.109	.292	-.552	2250	5528	.158	.101	.205	-.525
22500	3346	.128	.130	.604	-.276	2250	448	.207	.172	.862	-.464	2250	5529	.160	.104	.173	-.609
22500	3347	.285	.142	.904	-.172	2250	449	.087	.093	.230	-.399	2250	5530	.168	.107	.167	-.672
22500	3348	.271	.133	.733	-.151	2250	450	.209	.161	.823	-.312	2250	5531	.126	.097	.215	-.487
22500	3349	.229	.189	.915	-.113	2250	451	.199	.146	.671	-.472	2250	5532	.150	.098	.157	-.662
22500	3350	.146	.216	.379	-.044	2250	452	.223	.123	.666	-.122	2250	5533	.109	.095	.211	-.453
22500	3351	.117	.117	.378	-.466	2250	453	.183	.111	.553	-.136	2250	5534	.115	.095	.201	-.479
22500	3352	.055	.111	.414	-.418	2250	454	.139	.107	.514	-.168	2250	5535	.120	.106	.196	-.495
22500	3353	.048	.152	.595	-.394	2250	455	.085	.104	.434	-.205	2250	5536	.127	.103	.209	-.499
22500	3354	.031	.104	.357	-.391	2250	456	.027	.092	.343	-.302	2250	5537	.132	.107	.203	-.440
22500	3355	.041	.101	.290	-.396	2250	457	.035	.090	.269	-.357	2250	5538	.138	.109	.212	-.446
22500	3356	.065	.099	.328	-.463	2250	458	.075	.093	.248	-.401	2250	5539	.103	.101	.243	-.467
22500	3357	.108	.101	.265	-.514	2250	459	.184	.145	.765	-.544	2250	5540	.126	.105	.191	-.607
22500	3358	.057	.185	.714	-.664	2250	460	.064	.095	.246	-.400	2250	5541	.096	.101	.245	-.407
22500	3359	.146	.153	.688	-.577	2250	461	.120	.120	.691	-.084	2250	5542	.100	.102	.240	-.420
22500	3360	.041	.112	.427	-.433	2250	462	.293	.119	.700	-.058	2250	5543	.098	.097	.232	-.437
22500	3361	.030	.111	.462	-.456	2250	463	.274	.115	.732	-.115	2250	5544	.106	.097	.264	-.473
22500	3362	.120	.120	.505	-.346	2250	464	.263	.113	.542	-.118	2250	5545	.107	.100	.276	-.452
22500	3363	.022	.106	.368	-.421	2250	465	.165	.104	.472	-.126	2250	5546	.111	.101	.282	-.470
22500	3364	.040	.111	.453	-.420	2250	466	.105	.097	.461	-.170	2250	5547	.099	.095	.226	-.456
22500	3365	.036	.111	.930	-.846	2250	467	.034	.095	.352	-.264	2250	5548	.107	.096	.249	-.470
22500	3366	.072	.209	.895	-.695	2250	468	.027	.099	.263	-.335	2250	5549	.092	.093	.234	-.406
22500	3367	.193	.141	.771	-.554	2250	469	.067	.101	.226	-.391	2250	5550	.099	.094	.237	-.425
22500	3368	.141	.115	.502	-.288	2250	5001	.145	.111	.245	-.544	2250	5551	.170	.118	.202	-.632
22500	3369	.118	.111	.472	-.329	2250	5002	.146	.111	.231	-.547	2250	5552	.097	.108	.319	-.444
22500	3370	.092	.113	.481	-.335	2250	5003	.153	.103	.169	-.490	2250	5553	.096	.109	.307	-.446
22500	3371	.094	.109	.371	-.453	2250	5004	.162	.102	.186	-.470	2250	5554	.095	.105	.272	-.458
22500	3372	.094	.094	.322	-.440	2250	5005	.166	.104	.201	-.477	2250	5555	.091	.098	.248	-.461
22500	3373	.247	.247	.440	-.440	2250	5006	.173	.106	.204	-.514	2250	5556	.156	.109	.200	-.494
22500	3374	.057	.216	.736	-.843	2250	5007	.182	.112	.214	-.592	2250	5557	.156	.109	.157	-.331
22500	3375	.115	.216	.468	-.699	2250	5008	.172	.106	.212	-.506	2250	5558	.143	.129	.183	-.153
22500	3376	.132	.212	.717	-.699	2250	5009	.146	.103	.232	-.462	2250	5559	.137	.129	.132	-.844
22500	3377	.176	.218	.720	-.716	2250	5010	.151	.103	.258	-.460	2250	5560	.137	.121	.558	-.745

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	905	.284	.177	.229	-1.158	260	131	-.249	.127	.139	-.866	260	181	-.199	.168	.613	-.980
260	906	-.244	.157	.374	-.979	260	132	-.238	.150	.196	-1.142	260	182	-.022	.090	.262	-.371
260	907	-.187	.145	.374	-.979	260	133	-.428	.362	.455	-1.648	260	183	-.021	.090	.286	-.357
260	908	-.119	.112	.281	-.522	260	134	-.536	.359	.539	-1.946	260	184	-.024	.090	.292	-.387
260	909	-.101	.098	.232	-.464	260	135	-.065	.106	.299	-.456	260	185	-.027	.097	.319	-.338
260	910	-.096	.101	.207	-.442	260	136	-.512	.371	.578	-1.799	260	186	-.034	.097	.271	-.352
260	1	-.442	.165	.089	-1.089	260	137	-.056	.104	.290	-.516	260	187	-.017	.094	.303	-.343
260	2	-.061	.112	.358	-.960	260	138	-.058	.102	.279	-.486	260	188	-.020	.093	.304	-.343
260	3	-.043	.102	.407	-.442	260	139	-.064	.105	.307	-.530	260	189	-.014	.085	.245	-.304
260	4	.008	.108	.401	-.390	260	140	-.091	.109	.235	-.487	260	190	-.028	.093	.273	-.378
260	5	.091	.119	.505	-.349	260	141	-.179	.122	.185	-.612	260	191	-.033	.091	.273	-.378
260	6	.399	.161	.157	-1.132	260	142	-.253	.128	.114	-.670	260	192	-.053	.093	.240	-.383
260	7	.019	.112	.351	-.439	260	143	-.265	.126	.146	-.693	260	193	-.049	.103	.301	-.362
260	8	.043	.122	.395	-.462	260	144	-.102	.104	.246	-.490	260	194	-.072	.110	.374	-.508
260	9	.046	.131	.420	-.601	260	145	-.120	.104	.225	-.504	260	195	-.109	.129	.359	-.746
260	10	.212	.171	.513	-.994	260	146	-.223	.123	.192	-.902	260	196	-.128	.138	.279	-.719
260	11	.361	.199	.273	-1.285	260	147	-.214	.167	.335	-1.161	260	197	-.156	.149	.443	-.753
260	12	.136	.143	.293	-.776	260	148	-.330	.322	.474	-1.800	260	198	-.173	.163	.423	-1.499
260	13	.116	.125	.255	-.666	260	149	-.450	.364	.706	-1.699	260	199	-.014	.094	.316	-.393
260	14	.009	.118	.378	-.666	260	150	-.055	.099	.241	-.411	260	200	-.020	.093	.317	-.379
260	101	.082	.103	.270	-.566	260	151	-.054	.099	.694	-1.693	260	201	-.015	.098	.346	-.338
260	102	.070	.098	.277	-.449	260	152	-.051	.099	.259	-.399	260	202	-.022	.100	.362	-.343
260	103	.094	.103	.289	-.531	260	153	-.044	.091	.211	-.399	260	203	-.032	.102	.354	-.353
260	104	.171	.129	.212	-.833	260	154	-.041	.092	.229	-.330	260	204	-.049	.104	.326	-.410
260	105	.373	.206	.150	-1.232	260	155	-.056	.095	.256	-.358	260	205	-.045	.109	.341	-.462
260	106	.419	.219	.126	-1.437	260	156	-.100	.107	.236	-.582	260	206	-.075	.112	.331	-.454
260	107	.256	.157	.134	-.974	260	157	-.160	.117	.143	-.608	260	207	-.104	.133	.326	-.976
260	108	.078	.122	.297	-.654	260	158	-.174	.115	.149	-.656	260	208	-.128	.144	.442	-.763
260	109	.149	.146	.279	-.950	260	159	-.080	.104	.280	-.424	260	209	-.111	.146	.419	-.765
260	110	.176	.117	.172	-.941	260	160	-.106	.111	.281	-.489	260	301	.323	.241	1.092	-.444
260	111	.187	.121	.173	-.984	260	161	-.180	.126	.261	-.712	260	302	.374	.254	1.141	-.433
260	112	.280	.230	.393	-1.727	260	162	-.181	.160	.366	-1.128	260	303	.359	.239	1.103	-.418
260	113	.607	.404	.483	-2.340	260	163	-.279	.262	.626	-1.465	260	304	.297	.217	1.170	-.388
260	114	.084	.109	.274	-.508	260	164	-.322	.271	.720	-1.536	260	305	.292	.199	1.143	-.352
260	115	.117	.111	.258	-.508	260	165	-.037	.093	.282	-.608	260	306	.192	.180	.938	-.346
260	116	.132	.108	.255	-.508	260	166	-.306	.234	.483	-1.264	260	307	.273	.239	.939	-.571
260	117	.163	.118	.283	-.655	260	167	-.030	.090	.292	-.373	260	308	.353	.248	1.187	-.440
260	118	.198	.118	.258	-.675	260	168	-.029	.090	.291	-.343	260	309	.355	.232	1.082	-.359
260	119	.186	.115	.245	-.658	260	169	-.028	.095	.268	-.462	260	310	.344	.205	1.070	-.211
260	120	.135	.111	.297	-.570	260	170	-.030	.094	.297	-.323	260	311	.299	.184	1.025	-.233
260	121	.157	.100	.187	-.580	260	171	-.050	.103	.301	-.426	260	312	.132	.173	.825	-.406
260	122	.082	.099	.278	-.522	260	172	-.088	.107	.329	-.504	260	313	.079	.217	.836	-.604
260	123	.091	.101	.287	-.669	260	173	-.108	.115	.269	-.562	260	314	.143	.163	.709	-.425
260	124	.126	.110	.324	-.682	260	174	-.074	.116	.365	-.547	260	315	.047	.212	.876	-.687
260	125	.151	.115	.202	-.530	260	175	-.111	.131	.351	-.580	260	316	.184	.208	.879	-.476
260	126	.209	.119	.173	-.620	260	176	-.165	.148	.309	-.929	260	317	.271	.191	.990	-.247
260	127	.241	.127	.161	-.689	260	177	-.181	.167	.294	-.896	260	318	.250	.166	.874	-.171
260	128	.245	.126	.166	-.655	260	178	-.236	.190	.364	-.951	260	319	.221	.156	.754	-.266
260	129	.050	.105	.315	-.448	260	179	-.250	.189	.438	-.940	260	320	.132	.144	.921	-.489
260	130	.131	.102	.209	-.491	260	180	-.029	.099	.354	-.355	260	321	.005	.195	.747	-.658

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	322	.123	.136	.644	-.310	260	424	-.012	.105	.369	-.330	260	505	-.053	.102	.325	-.438
260	323	-.013	.175	.810	-.568	260	425	-.035	.102	.369	-.383	260	506	-.055	.105	.308	-.433
260	324	.066	.156	.752	-.407	260	426	-.175	.213	.496	-1.233	260	507	-.056	.103	.303	-.396
260	325	.142	.139	.693	-.542	260	427	-.044	.102	.354	-.364	260	508	-.053	.100	.298	-.381
260	326	.165	.129	.716	-.300	260	428	-.138	.232	.583	-1.041	260	509	-.049	.100	.296	-.378
260	327	.155	.129	.699	-.277	260	429	-.108	.244	.581	-1.319	260	510	-.046	.100	.267	-.371
260	328	.120	.142	.615	-.375	260	430	-.006	.213	.528	-.892	260	511	-.076	.100	.237	-.494
260	329	-.064	.173	.638	-.620	260	431	-.060	.134	.435	-.733	260	512	-.091	.103	.228	-.543
260	330	.127	.139	.694	-.403	260	432	.046	.106	.473	-.486	260	513	-.072	.099	.245	-.395
260	331	-.062	.155	.832	-.545	260	433	.033	.096	.355	-.279	260	514	-.074	.100	.237	-.447
260	332	.031	.127	.587	-.389	260	434	.001	.094	.329	-.348	260	515	-.062	.091	.267	-.375
260	333	.093	.119	.497	-.419	260	435	.034	.092	.303	-.355	260	516	-.086	.094	.207	-.385
260	334	.157	.118	.670	-.252	260	436	.040	.094	.291	-.317	260	517	-.062	.092	.258	-.385
260	335	.169	.121	.632	-.232	260	437	.065	.224	.516	-1.340	260	518	-.060	.092	.249	-.398
260	336	.164	.144	.743	-.363	260	438	.036	.093	.285	-.322	260	519	-.065	.094	.239	-.428
260	337	-.027	.136	.561	-.516	260	439	.020	.210	.593	-1.118	260	520	-.074	.092	.295	-.489
260	338	.167	.144	.773	-.266	260	440	-.001	.213	.582	-1.030	260	521	-.078	.093	.223	-.502
260	339	-.001	.123	.534	-.466	260	441	.062	.164	.521	-.785	260	522	-.077	.097	.234	-.505
260	340	.039	.108	.430	-.397	260	442	.081	.120	.453	-.373	260	523	-.041	.102	.309	-.402
260	341	.077	.111	.511	-.377	260	443	.071	.110	.478	-.322	260	524	-.061	.102	.317	-.436
260	342	.148	.113	.593	-.319	260	444	.037	.098	.351	-.262	260	525	-.037	.102	.313	-.393
260	343	.151	.113	.544	-.316	260	445	.014	.095	.314	-.338	260	526	-.044	.099	.272	-.353
260	344	.149	.106	.576	-.218	260	446	.022	.095	.269	-.356	260	527	-.045	.100	.315	-.413
260	345	.094	.103	.436	-.201	260	447	.064	.102	.242	-.381	260	528	-.055	.099	.283	-.376
260	346	.076	.106	.412	-.259	260	448	.027	.174	.641	-1.149	260	529	-.051	.100	.314	-.388
260	347	.167	.106	.694	-.219	260	449	.022	.103	.288	-.402	260	530	-.051	.101	.303	-.371
260	348	.153	.098	.453	-.167	260	450	.066	.164	.653	-.907	260	531	-.036	.098	.336	-.398
260	401	-.334	.201	.371	-1.197	260	451	.063	.156	.561	-1.017	260	532	-.053	.097	.287	-.373
260	402	-.275	.208	.346	-1.041	260	452	.104	.136	.523	-.557	260	533	-.033	.097	.313	-.381
260	403	-.058	.139	.386	-.709	260	453	.103	.114	.463	-.274	260	534	-.031	.097	.316	-.375
260	404	.009	.113	.378	-.542	260	454	.084	.109	.432	-.286	260	535	-.036	.098	.321	-.391
260	405	.065	.137	.599	-.471	260	455	.061	.106	.401	-.271	260	536	-.045	.097	.318	-.375
260	406	.019	.105	.311	-.370	260	456	.023	.097	.417	-.331	260	537	-.043	.099	.322	-.373
260	407	.019	.104	.362	-.308	260	457	-.003	.094	.364	-.318	260	538	-.042	.100	.320	-.382
260	408	-.004	.099	.341	-.321	260	458	.023	.096	.352	-.327	260	539	-.031	.095	.257	-.382
260	409	-.025	.099	.286	-.344	260	459	.082	.160	.721	-.741	260	540	-.046	.094	.291	-.369
260	410	-.161	.190	.616	-.878	260	460	-.023	.093	.287	-.367	260	541	-.034	.096	.264	-.382
260	411	-.086	.189	.641	-.937	260	461	.139	.114	.475	-.333	260	542	-.034	.096	.266	-.386
260	412	.015	.119	.398	-.471	260	462	.134	.116	.529	-.346	260	543	-.025	.095	.297	-.316
260	413	.027	.119	.550	-.345	260	463	.135	.112	.603	-.375	260	544	-.041	.096	.292	-.330
260	414	.058	.117	.445	-.305	260	464	.108	.104	.557	-.181	260	545	-.026	.097	.295	-.360
260	415	.024	.106	.372	-.341	260	465	.096	.097	.492	-.186	260	546	-.024	.097	.308	-.351
260	416	.052	.115	.433	-.349	260	466	.063	.093	.417	-.203	260	547	-.024	.094	.299	-.325
260	417	-.192	.231	.584	-1.435	260	467	.031	.090	.354	-.227	260	548	-.029	.094	.282	-.329
260	418	-.158	.227	.602	-1.389	260	468	-.001	.099	.336	-.319	260	549	-.030	.092	.312	-.339
260	419	.052	.201	.490	-1.030	260	469	.020	.099	.292	-.336	260	550	-.029	.092	.329	-.334
260	420	.038	.127	.449	-.617	260	501	-.051	.104	.348	-.473	260	551	-.030	.094	.276	-.339
260	421	.062	.115	.498	-.492	260	502	-.045	.104	.347	-.454	260	552	-.020	.092	.383	-.347
260	422	.034	.110	.423	-.385	260	503	-.047	.103	.328	-.433	260	553	-.011	.094	.383	-.347
260	423	.022	.109	.438	-.344	260	504	-.048	.102	.310	-.442	260	554	-.015	.090	.281	-.333

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	555	.017	.092	.307	-.345	270	125	-.126	.108	.259	-.599	270	175	-.014	.095	.344	-.362
260	556	-.035	.095	.260	-.350	270	126	-.227	.118	.182	-.677	270	176	-.043	.107	.399	-.405
260	901	-.165	.119	.267	-.636	270	127	-.281	.121	.118	-.708	270	177	-.008	.132	.434	-.526
260	902	-.200	.105	.190	-.582	270	128	-.233	.110	.153	-.654	270	178	.019	.201	.625	-.795
260	903	-.155	.104	.222	-.548	270	129	-.002	.100	.351	-.414	270	179	.005	.229	.681	-.996
260	904	-.059	.105	.526	-.298	270	130	-.092	.093	.250	-.423	270	180	-.018	.090	.350	-.459
260	905	-.131	.140	.442	-.711	270	131	-.155	.112	.298	-.548	270	181	.041	.203	.692	-.891
260	906	-.084	.115	.290	-.470	270	132	-.055	.135	.535	-.709	270	182	-.004	.099	.362	-.349
260	907	-.044	.107	.325	-.375	270	133	-.008	.295	.759	-1.302	270	183	-.002	.099	.364	-.351
260	908	-.029	.104	.298	-.343	270	134	-.066	.355	.892	-1.433	270	184	-.002	.100	.364	-.328
260	909	-.028	.088	.282	-.320	270	135	-.044	.098	.291	-.447	270	185	-.010	.098	.339	-.365
260	910	-.028	.092	.263	-.422	270	136	-.045	.359	.865	-1.637	270	186	-.025	.100	.341	-.364
270	1	-.556	.202	.007	-1.513	270	137	-.023	.094	.334	-.377	270	187	-.004	.095	.345	-.356
270	2	.178	.131	.256	-.716	270	138	-.025	.093	.339	-.402	270	188	-.003	.094	.346	-.355
270	3	-.098	.109	.327	-.642	270	139	-.041	.093	.282	-.463	270	189	-.011	.098	.375	-.376
270	4	.004	.098	.332	-.385	270	140	-.110	.106	.215	-.505	270	190	-.034	.102	.322	-.380
270	5	.118	.103	.483	-.221	270	141	-.258	.117	.132	-.671	270	191	-.064	.105	.291	-.453
270	6	-.466	.178	.133	-.387	270	142	-.328	.126	.076	-.788	270	192	-.075	.104	.271	-.456
270	7	-.009	.099	.376	-.441	270	143	-.295	.123	.058	-.758	270	193	.020	.102	.349	-.301
270	8	.115	.108	.487	-.319	270	144	-.045	.101	.288	-.400	270	194	.012	.105	.371	-.360
270	9	-.210	.100	.333	-.379	270	145	-.060	.103	.319	-.428	270	195	.012	.110	.378	-.374
270	10	-.036	.167	.291	-1.100	270	146	-.126	.114	.279	-.517	270	196	.055	.129	.578	-.467
270	11	-.349	.183	.256	-1.271	270	147	-.020	.137	.500	-.533	270	197	.066	.136	.623	-.440
270	12	-.041	.122	.366	-.698	270	148	-.052	.243	.874	-1.153	270	198	.057	.150	.695	-.512
270	13	-.003	.111	.414	-.416	270	149	-.025	.331	.769	-1.554	270	199	-.003	.088	.267	-.343
270	14	-.098	.112	.522	-.322	270	150	-.017	.096	.308	-.405	270	200	-.001	.086	.279	-.315
270	101	-.045	.098	.287	-.393	270	151	-.007	.283	.724	-1.113	270	201	-.004	.102	.384	-.321
270	102	-.047	.101	.268	-.526	270	152	-.011	.097	.316	-.371	270	202	-.016	.103	.399	-.352
270	103	-.087	.108	.271	-.524	270	153	-.014	.095	.363	-.326	270	203	-.046	.111	.365	-.395
270	104	-.240	.148	.191	-.831	270	154	-.031	.099	.370	-.377	270	204	-.034	.105	.390	-.373
270	105	-.368	.199	.178	-1.260	270	155	-.082	.111	.266	-.567	270	205	.037	.099	.388	-.318
270	106	-.260	.161	.186	-1.160	270	156	-.202	.125	.195	-.660	270	206	.009	.098	.365	-.342
270	107	-.153	.108	.278	-.631	270	157	-.282	.133	.163	-.732	270	207	.030	.104	.380	-.351
270	108	-.013	.110	.446	-.433	270	158	-.256	.123	.171	-.683	270	208	.066	.118	.484	-.370
270	109	-.070	.102	.270	-.612	270	159	-.043	.098	.321	-.362	270	209	.075	.142	.627	-.658
270	110	-.119	.104	.255	-.582	270	160	-.042	.106	.296	-.400	270	301	.406	.219	1.030	-.334
270	111	-.098	.121	.322	-.574	270	161	-.075	.116	.341	-.490	270	302	.406	.222	1.060	-.358
270	112	-.047	.194	.555	-1.360	270	162	-.002	.142	.508	-.620	270	303	.293	.200	.893	-.577
270	113	-.132	.313	.724	-1.719	270	163	.050	.239	.726	-1.116	270	304	.222	.191	.892	-.382
270	114	-.069	.098	.333	-.465	270	164	-.029	.279	.783	-1.356	270	305	.230	.178	.842	-.322
270	115	-.097	.097	.244	-.444	270	165	-.009	.096	.325	-.341	270	306	.082	.156	.662	-.432
270	116	-.104	.093	.174	-.441	270	166	-.001	.258	.793	-1.100	270	307	.432	.240	1.109	-.684
270	117	-.193	.105	.151	-.611	270	167	-.008	.096	.332	-.350	270	308	.458	.234	1.251	-.322
270	118	-.237	.101	.119	-.611	270	168	-.005	.096	.336	-.323	270	309	.372	.216	1.056	-.481
270	119	-.189	.095	.199	-.518	270	169	-.011	.100	.350	-.352	270	310	.268	.190	.843	-.531
270	120	-.091	.092	.276	-.517	270	170	-.035	.103	.298	-.422	270	311	.218	.173	.789	-.378
270	121	-.099	.103	.269	-.500	270	171	-.107	.115	.292	-.527	270	312	.004	.143	.545	-.455
270	122	-.066	.103	.373	-.562	270	172	-.174	.114	.183	-.594	270	313	.319	.225	.994	-.312
270	123	-.068	.104	.379	-.504	270	173	-.161	.107	.208	-.517	270	314	.045	.138	.609	-.434
270	124	-.100	.108	.323	-.537	270	174	-.011	.090	.283	-.317	270	315	.266	.212	1.030	-.361



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	316	.305	.207	.978	-.356	270	418	-.303	.174	.260	-1.015	270	466	.017	.096	.327	-.269
270	317	.262	.178	.864	-.311	270	419	-.264	.181	.341	-1.012	270	469	-.015	.095	.338	-.280
270	318	.189	.148	.765	-.261	270	420	-.152	.180	.324	-1.076	270	501	-.026	.103	.333	-.288
270	319	.165	.145	.749	-.275	270	421	-.035	.142	.400	-1.011	270	502	-.026	.103	.344	-.290
270	320	.012	.134	.499	-.499	270	422	-.003	.112	.369	-1.320	270	503	-.026	.093	.333	-.290
270	321	.238	.197	.839	-.409	270	423	-.013	.102	.331	-1.392	270	504	-.026	.092	.340	-.290
270	322	.004	.124	.475	-.468	270	424	-.000	.096	.314	-1.355	270	505	-.026	.092	.322	-.290
270	323	.196	.183	.937	-.340	270	425	-.014	.092	.269	-1.358	270	506	-.034	.093	.320	-.290
270	324	.209	.162	.935	-.314	270	426	-.309	.171	.207	-1.078	270	507	.023	.097	.333	-.290
270	325	.178	.133	.766	-.301	270	427	-.013	.093	.373	-1.362	270	508	-.020	.094	.368	-.247
270	326	.130	.121	.671	-.262	270	428	-.269	.187	.318	-1.197	270	509	-.016	.094	.368	-.290
270	327	.105	.120	.551	-.286	270	429	-.275	.194	.276	-1.220	270	510	-.018	.093	.355	-.290
270	328	.061	.123	.612	-.441	270	430	-.236	.221	.358	-1.128	270	511	-.030	.094	.291	-.276
270	329	.149	.187	.931	-.452	270	431	-.102	.189	.410	-1.099	270	512	-.037	.096	.288	-.290
270	330	.014	.120	.567	-.485	270	432	-.023	.140	.433	-1.099	270	513	.028	.095	.283	-.290
270	331	.133	.174	.822	-.415	270	433	-.003	.114	.409	-1.419	270	514	.021	.095	.289	-.290
270	332	.146	.156	.825	-.375	270	434	-.002	.107	.435	-1.442	270	515	.021	.095	.283	-.290
270	333	.121	.124	.611	-.322	270	435	-.008	.104	.385	-1.484	270	516	-.019	.097	.288	-.290
270	334	.095	.118	.499	-.393	270	436	-.011	.099	.322	-1.341	270	517	-.019	.097	.288	-.290
270	335	.066	.115	.553	-.338	270	437	-.260	.187	.314	-1.202	270	518	-.020	.097	.288	-.290
270	336	.008	.119	.436	-.452	270	438	-.010	.098	.323	-1.348	270	519	-.034	.100	.283	-.290
270	337	.109	.159	.779	-.531	270	439	-.241	.196	.296	-1.337	270	520	-.034	.096	.289	-.290
270	338	.011	.115	.422	-.429	270	440	-.242	.220	.328	-1.290	270	521	-.035	.097	.290	-.290
270	339	.107	.138	.649	-.447	270	441	-.172	.215	.370	-1.349	270	522	-.038	.098	.290	-.290
270	340	.134	.117	.775	-.205	270	442	-.056	.157	.408	-1.328	270	523	-.019	.100	.333	-.290
270	341	.133	.107	.699	-.165	270	443	-.002	.113	.430	-1.431	270	524	.025	.099	.333	-.290
270	342	.131	.103	.771	-.196	270	444	-.014	.109	.384	-1.479	270	525	-.015	.099	.344	-.290
270	343	.144	.107	.696	-.164	270	445	-.015	.101	.354	-1.357	270	526	-.022	.095	.344	-.290
270	344	.140	.110	.664	-.187	270	446	-.003	.100	.347	-1.368	270	527	-.035	.097	.276	-.290
270	345	.152	.119	.666	-.199	270	447	-.039	.097	.342	-1.368	270	528	-.036	.094	.282	-.290
270	346	.159	.122	.712	-.181	270	448	-.203	.189	.286	-1.445	270	529	-.022	.097	.283	-.290
270	347	.140	.107	.600	-.177	270	449	-.096	.091	.289	-1.356	270	530	-.026	.099	.291	-.290
270	348	.149	.111	.646	-.203	270	450	-.155	.170	.347	-1.388	270	531	-.023	.092	.288	-.290
270	401	.463	.176	.181	-1.277	270	451	-.161	.170	.335	-1.021	270	532	-.023	.099	.288	-.290
270	402	.411	.186	.242	-1.447	270	452	-.137	.200	.339	-1.731	270	533	-.018	.093	.288	-.290
270	403	.258	.187	.338	-1.044	270	453	-.039	.135	.352	-1.825	270	534	-.023	.092	.282	-.290
270	404	.102	.166	.391	-1.090	270	454	-.000	.108	.333	-1.513	270	535	-.018	.106	.288	-.290
270	405	.012	.147	.444	-.906	270	455	-.008	.100	.398	-1.381	270	536	-.018	.103	.288	-.290
270	406	.006	.122	.444	-.696	270	456	-.061	.102	.421	-1.319	270	537	-.006	.104	.288	-.290
270	407	.014	.108	.344	-.473	270	457	-.008	.099	.403	-1.316	270	538	-.010	.105	.288	-.290
270	408	.010	.103	.344	-.402	270	458	-.021	.101	.411	-1.352	270	539	-.021	.103	.288	-.290
270	409	.003	.103	.344	-.413	270	459	-.124	.179	.412	-1.292	270	540	-.007	.097	.288	-.290
270	410	.333	.172	.259	-1.029	270	460	.004	.092	.307	-1.321	270	541	-.010	.099	.288	-.290
270	411	.287	.178	.327	-.977	270	461	.057	.191	.432	-1.373	270	542	-.011	.099	.288	-.290
270	412	.132	.157	.327	-.810	270	462	-.061	.191	.437	-1.315	270	543	-.012	.095	.288	-.290
270	413	.018	.140	.590	-.587	270	463	-.024	.159	.395	-1.315	270	544	-.001	.094	.288	-.290
270	414	.021	.122	.445	-.498	270	464	-.026	.114	.395	-1.334	270	545	-.009	.094	.288	-.290
270	415	.022	.107	.394	-.399	270	465	-.047	.095	.380	-1.247	270	546	-.006	.093	.288	-.290
270	416	.041	.111	.445	-.343	270	466	-.050	.096	.343	-1.215	270	547	-.019	.093	.288	-.290
270	417	.305	.177	.258	-1.303	270	467	-.040	.087	.361	-1.221	270	548	-.016	.094	.288	-.290

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	549	-.010	.096	.317	-.355	280	119	-.181	.095	.155	-.491	280	169	-.066	.105	.303	-.341
270	550	-.008	.096	.326	-.360	280	120	-.051	.092	.236	-.350	280	170	-.149	.117	.215	-.369
270	551	-.022	.096	.307	-.374	280	121	-.039	.100	.363	-.395	280	171	-.278	.125	.143	-.705
270	552	-.019	.092	.321	-.269	280	122	-.136	.111	.194	-.521	280	172	-.343	.130	.106	-.768
270	553	-.021	.092	.324	-.258	280	123	-.136	.106	.178	-.480	280	173	-.282	.127	.097	-.753
270	554	-.013	.095	.323	-.326	280	124	-.144	.110	.194	-.563	280	174	.002	.092	.299	-.308
270	555	-.008	.087	.283	-.356	280	125	-.187	.107	.146	-.574	280	175	.006	.101	.328	-.375
270	556	-.014	.088	.289	-.372	280	126	-.332	.116	.002	-.794	280	176	-.012	.113	.375	-.402
270	901	-.089	.123	.351	-.547	280	127	-.341	.114	.009	-.846	280	177	.127	.125	.626	-.381
270	902	-.190	.111	.179	-.531	280	128	-.241	.103	.075	-.680	280	178	.263	.155	.801	-.541
270	903	-.117	.108	.253	-.495	280	129	-.036	.104	.533	-.358	280	179	-.275	.181	.864	-.629
270	904	.137	.127	.669	-.309	280	130	-.032	.109	.503	-.504	280	180	-.034	.107	.284	-.447
270	905	.068	.129	.521	-.427	280	131	-.042	.121	.537	-.519	280	181	-.214	.174	.987	-.485
270	906	.007	.102	.351	-.289	280	132	.124	.135	.717	-.333	280	182	-.048	.094	.294	-.364
270	907	-.059	.110	.282	-.445	280	133	.361	.168	.974	-.435	280	183	-.047	.094	.299	-.364
270	908	.011	.099	.309	-.369	280	134	.396	.200	1.040	-.552	280	184	-.053	.098	.302	-.364
270	909	-.008	.095	.316	-.347	280	135	-.113	.118	.260	-.575	280	185	-.076	.109	.326	-.426
270	910	-.008	.089	.328	-.287	280	136	-.404	.196	1.040	-.388	280	186	-.109	.106	.249	-.457
280	1	-.728	.203	-.104	-.652	280	137	-.069	.102	.278	-.564	280	187	-.053	.100	.298	-.425
280	2	-.409	.148	-.075	-.014	280	138	-.082	.104	.239	-.479	280	188	-.054	.097	.289	-.441
280	3	-.246	.115	-.098	-.615	280	139	-.160	.118	.182	-.670	280	189	-.043	.096	.265	-.417
280	4	-.087	.111	-.281	-.806	280	140	-.332	.135	.057	-.826	280	190	-.091	.102	.245	-.530
280	5	-.132	.104	-.479	-.284	280	141	-.449	.140	.009	-.935	280	191	-.157	.106	.165	-.666
280	6	-.595	.170	-.080	-.281	280	142	-.484	.144	-.016	-.924	280	192	-.142	.100	.148	-.650
280	7	-.042	.098	-.286	-.389	280	143	-.373	.132	.018	-.817	280	193	.049	.099	.410	-.261
280	8	-.140	.109	.521	-.336	280	144	-.003	.094	.289	-.323	280	194	.039	.103	.454	-.307
280	9	-.007	.099	.339	-.411	280	145	-.011	.113	.390	-.331	280	195	.044	.111	.486	-.283
280	10	-.224	.159	.236	-.091	280	146	-.017	.121	.364	-.370	280	196	.138	.118	.671	-.213
280	11	-.366	.141	.206	-.021	280	147	.162	.137	.649	-.258	280	197	.188	.131	.689	-.324
280	12	-.078	.119	.399	-.563	280	148	.339	.171	.892	-.870	280	198	.187	.149	.737	-.328
280	13	-.036	.108	.331	-.492	280	149	.343	.217	.999	-.809	280	199	-.045	.097	.310	-.372
280	14	-.129	.109	.530	-.223	280	150	-.053	.100	.259	-.490	280	200	-.046	.094	.315	-.372
280	101	-.087	.100	-.280	-.523	280	151	.325	.192	.926	-.592	280	201	-.041	.094	.335	-.376
280	102	-.101	.106	-.285	-.568	280	152	-.040	.100	.287	-.475	280	202	-.079	.100	.317	-.381
280	103	-.194	.125	-.220	-.854	280	153	-.057	.103	.266	-.474	280	203	-.140	.106	.269	-.553
280	104	-.357	.154	-.106	-.661	280	154	-.119	.115	.270	-.552	280	204	-.080	.097	.280	-.430
280	105	-.312	.138	-.077	-.945	280	155	-.281	.133	.162	-.747	280	205	.072	.098	.400	-.250
280	106	-.232	.089	-.073	-.581	280	156	-.413	.136	.057	-.890	280	206	.024	.099	.385	-.379
280	107	-.176	.086	-.134	-.583	280	157	-.441	.143	.022	-.915	280	207	.068	.112	.456	-.412
280	108	-.000	.097	-.417	-.316	280	158	-.337	.130	.071	-.746	280	208	.159	.110	.564	-.209
280	109	-.086	.100	.348	-.386	280	159	-.008	.096	.354	-.347	280	209	.164	.151	.725	-.292
280	110	-.126	.104	.348	-.458	280	160	-.010	.108	.385	-.465	280	301	.450	.183	1.027	-.272
280	111	-.059	.119	.346	-.504	280	161	-.014	.117	.396	-.392	280	302	.413	.183	.987	-.212
280	112	-.119	.148	.661	-.445	280	162	.140	.131	.652	-.301	280	303	.201	.159	.811	-.375
280	113	-.201	.191	.760	-.684	280	163	.313	.171	.901	-.306	280	304	.139	.142	.610	-.304
280	114	-.117	.103	.368	-.483	280	164	.334	.194	.937	-.508	280	305	.199	.143	.694	-.276
280	115	-.130	.094	-.204	-.455	280	165	-.040	.102	.286	-.413	280	306	.014	.127	.519	-.380
280	116	-.159	.097	-.158	-.492	280	166	.312	.177	.902	-.532	280	307	.566	.189	1.097	-.130
280	117	-.278	.108	-.083	-.630	280	167	-.040	.103	.305	-.504	280	308	.564	.181	1.130	-.074
280	118	-.280	.101	-.089	-.614	280	168	-.041	.103	.281	-.472	280	309	.355	.163	.863	-.135

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	310	.235	.140	.750	-.218	280	412	-.318	.153	.183	-.806	280	462	-.343	.213	.264	-1.639
280	311	.198	.139	.729	-.285	280	413	-.268	.164	.248	-.981	280	463	-.286	.188	.290	-1.172
280	312	-.048	.124	.386	-.598	280	414	-.215	.172	.391	-1.232	280	464	-.222	.168	.239	-.894
280	313	.561	.189	1.275	-.376	280	415	-.153	.161	.370	-.920	280	465	-.111	.144	.310	-.772
280	314	.049	.119	.533	-.405	280	416	-.143	.153	.285	-.785	280	466	-.029	.122	.328	-.782
280	315	.517	.189	1.107	-.252	280	417	-.252	.132	.201	-.926	280	467	.002	.111	.372	-.430
280	316	.542	.186	1.138	-.203	280	418	-.263	.134	.197	-.823	280	468	.003	.112	.357	-.418
280	317	.358	.154	.878	-.075	280	419	-.269	.139	.171	-.891	280	469	.016	.107	.363	-.377
280	318	.246	.125	.691	-.139	280	420	-.285	.159	.232	-.988	280	501	-.075	.125	.390	-.626
280	319	.240	.132	.737	-.193	280	421	-.258	.165	.311	-.948	280	502	-.062	.118	.385	-.489
280	320	.008	.122	.482	-.390	280	422	-.186	.162	.318	-1.074	280	503	-.049	.111	.395	-.411
280	321	.473	.191	1.031	-.354	280	423	-.134	.152	.417	-1.257	280	504	-.035	.104	.354	-.380
280	322	-.007	.120	.464	-.429	280	424	-.127	.146	.308	-.777	280	505	-.037	.106	.328	-.411
280	323	.417	.188	1.010	-.180	280	425	-.124	.145	.349	-.800	280	506	-.039	.107	.314	-.412
280	324	.414	.168	.955	-.250	280	426	-.241	.133	.262	-.681	280	507	-.097	.123	.301	-.731
280	325	.255	.138	.703	-.197	280	427	-.122	.137	.339	-.777	280	508	-.079	.111	.298	-.609
280	326	.173	.116	.573	-.209	280	428	-.248	.130	.215	-.840	280	509	-.074	.105	.320	-.607
280	327	.151	.118	.608	-.221	280	429	-.247	.128	.193	-.874	280	510	-.061	.099	.311	-.511
280	328	-.018	.118	.358	-.452	280	430	-.268	.141	.234	-1.131	280	511	-.036	.102	.303	-.456
280	329	.381	.177	.946	-.220	280	431	-.293	.149	.280	-1.064	280	512	-.041	.104	.314	-.480
280	330	-.065	.119	.327	-.442	280	432	-.262	.145	.545	-.734	280	513	-.041	.100	.279	-.419
280	331	.328	.169	.886	-.308	280	433	-.186	.134	.399	-.722	280	514	-.043	.102	.307	-.484
280	332	.347	.173	.904	-.451	280	434	-.130	.125	.416	-.637	280	515	-.100	.122	.252	-.603
280	333	.229	.137	.706	-.272	280	435	-.113	.124	.374	-.677	280	516	-.100	.113	.246	-.511
280	334	.150	.121	.636	-.222	280	436	-.126	.127	.292	-.701	280	517	-.087	.111	.253	-.559
280	335	.102	.119	.528	-.237	280	437	-.274	.132	.167	-1.252	280	518	-.079	.109	.260	-.567
280	336	-.089	.126	.401	-.633	280	438	-.116	.121	.300	-.727	280	519	-.066	.099	.307	-.564
280	337	.272	.169	.848	-.362	280	439	-.293	.140	.161	-.836	280	520	-.055	.096	.274	-.388
280	338	-.109	.133	.324	-.633	280	440	-.288	.147	.100	-.947	280	521	-.064	.106	.275	-.933
280	339	.216	.147	.833	-.319	280	441	-.296	.151	.095	-1.114	280	522	-.070	.110	.290	-.525
280	340	.223	.139	.793	-.216	280	442	-.314	.163	.267	-1.027	280	523	-.050	.106	.267	-.446
280	341	.186	.127	.691	-.194	280	443	-.269	.164	.276	-1.006	280	524	-.029	.106	.300	-.526
280	342	.153	.118	.618	-.220	280	444	-.187	.149	.277	-.665	280	525	-.046	.105	.284	-.457
280	343	.192	.129	.714	-.203	280	445	-.116	.134	.450	-.649	280	526	-.061	.095	.260	-.413
280	344	.204	.133	.747	-.307	280	446	-.100	.130	.313	-.608	280	527	-.059	.094	.224	-.453
280	345	.259	.142	.797	-.327	280	447	-.082	.108	.248	-.612	280	528	-.043	.090	.253	-.391
280	346	.259	.142	.906	-.294	280	448	-.317	.160	.116	-1.155	280	529	-.038	.093	.266	-.355
280	347	.182	.126	.611	-.341	280	449	-.080	.118	.371	-.522	280	530	-.040	.094	.282	-.476
280	348	.195	.133	.872	-.181	280	450	-.329	.172	.142	-1.253	280	531	-.063	.111	.288	-.447
280	401	-.362	.121	.097	-.941	280	451	-.283	.154	.179	-1.468	280	532	-.025	.107	.317	-.437
280	402	-.423	.138	.148	-.965	280	452	-.332	.173	.153	-1.579	280	533	-.061	.110	.260	-.418
280	403	-.362	.144	.154	-.991	280	453	-.309	.186	.194	-1.273	280	534	-.058	.110	.276	-.446
280	404	-.286	.176	.444	-1.126	280	454	-.225	.174	.333	-.833	280	535	-.040	.103	.290	-.535
280	405	-.268	.195	.314	-1.198	280	455	-.096	.138	.335	-.665	280	536	-.024	.096	.292	-.376
280	406	-.219	.195	.380	-1.031	280	456	-.031	.118	.412	-.485	280	537	-.012	.098	.291	-.421
280	407	-.165	.187	.380	-1.028	280	457	-.025	.112	.436	-.535	280	538	-.014	.099	.295	-.446
280	408	-.172	.180	.290	-1.172	280	458	-.040	.117	.439	-.625	280	539	-.034	.111	.310	-.428
280	409	-.161	.166	.297	-.889	280	459	-.287	.182	.288	-1.216	280	540	-.016	.103	.324	-.341
280	410	-.385	.132	-.018	-.856	280	460	-.017	.121	.387	-.491	280	541	-.029	.104	.361	-.313
280	411	-.373	.132	.051	-.881	280	461	-.315	.205	.263	-1.614	280	542	-.029	.102	.370	-.296

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	543	.012	.096	.322	-.322	290	113	-.316	.173	.944	-.261	290	163	-.388	.171	.957	-.189
280	544	-.028	.095	.320	-.383	290	114	-.186	.114	.196	-.613	290	164	-.395	.179	1.057	-.210
280	545	-.035	.098	.336	-.352	290	115	-.210	.109	.116	-.650	290	165	-.121	.112	.270	-.524
280	546	-.047	.101	.330	-.397	290	116	-.285	.117	.101	-.779	290	166	-.356	.159	.891	-.183
280	547	-.013	.108	.327	-.389	290	117	-.368	.115	.063	-.746	290	167	-.099	.108	.293	-.528
280	548	-.009	.106	.299	-.372	290	118	-.290	.107	.088	-.643	290	168	-.124	.112	.284	-.525
280	549	-.061	.108	.237	-.469	290	119	-.136	.101	.237	-.515	290	169	-.221	.122	.202	-.597
280	550	-.063	.108	.251	-.483	290	120	.010	.102	.363	-.334	290	170	-.297	.130	.162	-.693
280	551	-.068	.111	.300	-.459	290	121	-.062	.113	.424	-.326	290	171	-.351	.144	.115	-.840
280	552	-.010	.103	.310	-.371	290	122	-.206	.117	.175	-.660	290	172	-.332	.144	.094	-.826
280	553	-.006	.103	.320	-.366	290	123	-.209	.113	.148	-.620	290	173	-.185	.134	.199	-.578
280	554	-.059	.107	.285	-.436	290	124	-.242	.116	.096	-.639	290	174	.075	.103	.441	-.270
280	555	-.058	.102	.395	-.427	290	125	-.320	.115	.058	-.809	290	175	.108	.113	.486	-.308
280	556	-.064	.103	.391	-.408	290	126	-.388	.124	.074	-.849	290	176	.117	.125	.569	-.322
280	901	-.013	.102	.286	-.390	290	127	-.323	.118	.085	-.777	290	177	.222	.121	.725	-.176
280	902	-.222	.106	.133	-.550	290	128	-.177	.110	.188	-.600	290	178	.306	.136	.840	-.180
280	903	-.150	.107	.177	-.570	290	129	-.092	.113	.573	-.302	290	179	.307	.147	.862	-.253
280	904	-.239	.140	.789	-.183	290	130	-.077	.118	.538	-.279	290	180	-.105	.115	.325	-.532
280	905	-.155	.120	.697	-.261	290	131	-.100	.132	.599	-.279	290	181	-.238	.139	.917	-.271
280	906	-.026	.105	.596	-.303	290	132	-.273	.151	.770	-.176	290	182	-.133	.107	.233	-.452
280	907	-.161	.114	.278	-.574	290	133	-.477	.174	1.033	-.107	290	183	-.153	.110	.213	-.496
280	908	-.063	.102	.344	-.450	290	134	-.520	.181	1.093	-.135	290	184	-.207	.118	.157	-.630
280	909	-.059	.103	.273	-.433	290	135	-.158	.114	1.178	-.526	290	185	-.226	.122	.148	-.689
290	910	-.014	.099	.275	-.317	290	136	-.500	.179	1.145	-.148	290	186	-.259	.120	.113	-.779
290	1	-.803	.239	-.132	-1.710	290	137	-.141	.112	.257	-.616	290	187	-.181	.117	.197	-.635
290	2	-.529	.154	-.006	-1.102	290	138	-.165	.120	.257	-.703	290	188	-.198	.116	.175	-.666
290	3	-.321	.115	.052	-.748	290	139	-.295	.136	.154	-.929	290	189	-.192	.106	.134	-.607
290	4	-.181	.107	.120	-.795	290	140	-.412	.136	-.010	-.994	290	190	-.238	.111	.089	-.698
290	5	-.058	.128	.493	-.414	290	141	-.501	.158	-.046	-1.030	290	191	-.251	.122	.090	-.749
290	6	-.578	.174	-.076	-1.316	290	142	-.449	.152	-.024	-.935	290	192	-.138	.110	.189	-.632
290	7	-.076	.115	.301	-.749	290	143	-.279	.131	.099	-.688	290	193	.092	.094	.443	-.259
290	8	-.111	.115	.493	-.358	290	144	-.077	.102	.532	-.231	290	194	.117	.100	.506	-.229
290	9	-.054	.095	.257	-.416	290	145	-.116	.119	.538	-.274	290	195	.139	.109	.622	-.222
290	10	-.165	.143	.316	-.892	290	146	-.125	.130	.566	-.257	290	196	.202	.114	.734	-.130
290	11	-.336	.135	.084	-.886	290	147	-.302	.150	.804	-.172	290	197	-.228	.128	.759	-.236
290	12	-.071	.115	.343	-.482	290	148	-.453	.176	1.034	-.123	290	198	-.214	.130	.777	-.354
290	13	-.083	.106	.372	-.544	290	149	-.488	.184	1.134	-.235	290	199	-.153	.104	.213	-.545
290	14	-.096	.113	.525	-.254	290	150	-.142	.109	.249	-.588	290	200	-.204	.106	.169	-.562
290	101	-.191	.126	.192	-.753	290	151	-.447	.174	1.019	-.130	290	201	-.180	.113	.137	-.600
290	102	-.238	.136	.156	-.875	290	152	-.137	.107	.235	-.625	290	202	-.183	.112	.171	-.560
290	103	-.344	.160	.103	-1.044	290	153	-.167	.116	.181	-.607	290	203	-.184	.121	.192	-.629
290	104	-.369	.169	.131	-.941	290	154	-.291	.139	.137	-.776	290	204	-.050	.108	.309	-.366
290	105	-.269	.116	.128	-.711	290	155	-.402	.146	.039	-.836	290	205	-.126	.117	.633	-.243
290	106	-.236	.100	.148	-.577	290	156	-.480	.161	.001	-.948	290	206	.121	.123	.615	-.259
290	107	-.156	.097	.283	-.530	290	157	-.428	.157	.037	-.984	290	207	.179	.133	.740	-.228
290	108	-.006	.106	.450	-.346	290	158	-.257	.135	.241	-.811	290	208	.227	.133	.753	-.159
290	109	-.071	.101	.286	-.473	290	159	-.060	.103	.468	-.354	290	209	.227	.123	.724	-.113
290	110	-.081	.108	.408	-.434	290	160	.104	.114	.530	-.374	290	301	.355	.179	.978	-.383
290	111	-.003	.121	.639	-.434	290	161	.121	.119	.547	-.280	290	302	.305	.172	.871	-.201
290	112	-.205	.150	.786	-.423	290	162	.271	.139	.734	-.165	290	303	.065	.137	.493	-.447

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	304	.068	.119	.497	-.306	290	406	-.201	.151	.351	-.839	290	456	-.119	.108	.258	-.646
290	305	.178	.131	.662	-.274	290	407	-.194	.161	.352	-1.481	290	457	-.093	.104	.259	-.570
290	306	-.009	.107	.351	-.383	290	408	-.197	.166	.375	-1.036	290	458	-.102	.110	.266	-.605
290	307	.486	.188	1.030	-.394	290	409	-.190	.166	.377	-.958	290	459	-.130	.114	.194	-.606
290	308	.434	.171	1.014	-.070	290	410	-.235	.121	.163	-.699	290	460	-.116	.110	.266	-.614
290	309	.175	.140	.609	-.249	290	411	-.237	.119	.180	-.677	290	461	-.259	.122	.114	-.912
290	310	.121	.120	.468	-.257	290	412	-.226	.112	.108	-.788	290	462	-.274	.124	.135	-1.026
290	311	.119	.128	.508	-.278	290	413	-.213	.118	.248	-.886	290	463	-.240	.117	.142	-.808
290	312	-.088	.104	.278	-.411	290	414	-.219	.128	.248	-.985	290	464	-.235	.116	.160	-.711
290	313	.492	.208	1.099	-.272	290	415	-.202	.133	.224	-.936	290	465	-.211	.114	.148	-.603
290	314	.004	.103	.323	-.290	290	416	-.211	.137	.230	-.732	290	466	-.168	.130	.246	-.782
290	315	.445	.213	1.042	-.383	290	417	-.150	.097	.195	-.461	290	467	-.112	.121	.322	-.567
290	316	.441	.191	.996	-.302	290	418	-.158	.099	.201	-.469	290	468	-.089	.112	.260	-.504
290	317	.227	.148	.770	-.230	290	419	-.161	.099	.204	-.474	290	469	-.067	.107	.324	-.492
290	318	.184	.122	.625	-.268	290	420	-.208	.106	.194	-.612	290	501	-.164	.122	.209	-.581
290	319	.194	.129	.691	-.302	290	421	-.216	.111	.146	-.801	290	502	-.149	.116	.207	-.559
290	320	.015	.104	.333	-.364	290	422	-.224	.123	.184	-.799	290	503	-.114	.115	.279	-.544
290	321	.422	.106	1.026	-.589	290	423	-.214	.127	.268	-.753	290	504	-.114	.111	.276	-.496
290	322	.007	.105	.357	-.395	290	424	-.211	.137	.254	-.851	290	505	-.112	.113	.293	-.477
290	323	.363	.214	1.000	-.700	290	425	-.208	.142	.214	-.963	290	506	-.118	.118	.306	-.510
290	324	.340	.187	1.013	-.499	290	426	-.161	.103	.204	-.568	290	507	-.174	.126	.258	-.761
290	325	.183	.137	.735	-.245	290	427	-.209	.128	.200	-.843	290	508	-.163	.116	.240	-.632
290	326	.141	.118	.553	-.243	290	428	-.174	.107	.214	-.587	290	509	-.150	.110	.216	-.556
290	327	.126	.120	.549	-.233	290	429	-.164	.106	.209	-.563	290	510	-.143	.108	.203	-.576
290	328	-.016	.109	.438	-.404	290	430	-.177	.107	.211	-.575	290	511	-.156	.104	.219	-.502
290	329	.311	.195	.913	-.383	290	431	-.201	.110	.183	-.630	290	512	-.165	.110	.250	-.565
290	330	-.063	.107	.375	-.427	290	432	-.206	.105	.158	-.676	290	513	-.167	.101	.200	-.510
290	331	.251	.182	.832	-.359	290	433	-.186	.100	.160	-.646	290	514	-.164	.103	.217	-.508
290	332	.259	.161	.888	-.378	290	434	-.169	.101	.170	-.638	290	515	-.148	.104	.158	-.540
290	333	.148	.127	.578	-.294	290	435	-.171	.109	.152	-.616	290	516	-.170	.112	.148	-.943
290	334	.099	.115	.517	-.322	290	436	-.182	.127	.190	-.729	290	517	-.136	.095	.163	-.505
290	335	.062	.114	.532	-.392	290	437	-.153	.108	.216	-.530	290	518	-.125	.093	.163	-.464
290	336	-.062	.113	.281	-.499	290	438	-.166	.121	.212	-.606	290	519	-.146	.104	.260	-.499
290	337	.212	.177	.865	-.442	290	439	-.186	.114	.205	-.536	290	520	-.157	.104	.212	-.505
290	338	-.073	.113	.277	-.506	290	440	-.192	.112	.188	-.616	290	521	-.151	.108	.266	-.646
290	339	.186	.148	.688	-.301	290	441	-.190	.110	.161	-.599	290	522	-.151	.113	.275	-.646
290	340	.181	.133	.695	-.309	290	442	-.223	.117	.162	-.656	290	523	-.136	.107	.234	-.589
290	341	.151	.123	.661	-.281	290	443	-.242	.122	.140	-.851	290	524	-.125	.108	.289	-.591
290	342	.147	.114	.572	-.282	290	444	-.211	.116	.201	-.635	290	525	-.134	.106	.214	-.578
290	343	.181	.122	.654	-.270	290	445	-.163	.111	.406	-.580	290	526	-.136	.097	.229	-.453
290	344	.188	.114	.708	-.173	290	446	-.160	.117	.248	-.613	290	527	-.113	.105	.256	-.449
290	345	.205	.132	.676	-.224	290	447	-.213	.116	.145	-.635	290	528	-.114	.105	.247	-.466
290	346	.220	.126	.685	-.193	290	448	-.210	.127	.164	-.628	290	529	-.108	.107	.242	-.532
290	347	.182	.109	.616	-.183	290	449	-.144	.129	.252	-.593	290	530	-.107	.108	.247	-.548
290	348	-.182	.112	.559	-.227	290	450	-.222	.130	.143	-.634	290	531	-.133	.103	.206	-.482
290	401	-.298	.110	.091	-.669	290	451	-.242	.110	.099	-.595	290	532	-.111	.101	.225	-.466
290	402	-.259	.121	.155	-.806	290	452	-.228	.122	.248	-.737	290	533	-.124	.101	.206	-.496
290	403	-.217	.119	.210	-.870	290	453	-.238	.125	.137	-.703	290	534	-.114	.100	.205	-.477
290	404	-.179	.114	.201	-.622	290	454	-.245	.129	.222	-.866	290	535	-.114	.100	.173	-.613
290	405	-.192	.132	.405	-.813	290	455	-.209	.129	.230	-.825	290	536	-.115	.099	.180	-.531

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0000	107	130	101	214	426	300	157	353	150	119	844						
0000	108	001	114	398	415	300	158	127	122	279	527						
0000	109	049	117	312	464	300	159	186	100	559	098						
0000	110	023	124	390	472	300	160	264	110	658	068						
0000	111	058	143	500	468	300	161	319	133	862	083						
0000	112	231	170	783	422	300	162	451	144	080	022						
0000	113	266	186	855	289	300	163	424	160	220	002						
0000	114	278	116	089	736	300	164	217	169	193	108						
0000	115	344	124	008	784	300	165	363	112	197	689						
0000	116	366	130	006	916	300	166	197	180	974	174						
0000	117	366	128	057	892	300	167	226	109	134	617						
0000	118	208	117	178	728	300	168	312	113	189	677						
0000	119	018	113	378	465	300	169	363	131	128	807						
0000	120	138	118	512	220	300	170	364	141	077	875						
0000	121	188	116	640	161	300	171	281	154	110	970						
0000	122	289	109	131	631	300	172	125	151	153	887						
0000	123	354	109	098	650	300	173	186	131	266	522						
0000	124	354	112	058	713	300	174	222	104	543	205						
0000	125	469	121	026	823	300	175	263	113	675	175						
0000	126	469	123	026	907	300	176	333	126	787	204						
0000	127	230	114	163	618	300	177	449	142	888	075						
0000	128	292	107	305	443	300	178	596	158	950	213						
0000	129	227	122	596	173	300	179	728	170	896	320						
0000	130	227	141	728	125	300	180	926	168	173	549						
0000	131	458	163	926	028	300	181	216	156	822	219						
0000	132	575	179	1124	032	300	182	241	111	186	616						
0000	133	540	188	1118	091	300	183	289	113	138	636						
0000	134	283	114	080	748	300	184	288	120	064	762						
0000	135	333	191	137	121	300	185	276	125	107	738						
0000	136	282	125	172	762	300	186	242	129	096	689						
0000	137	311	131	141	864	300	187	253	122	141	672						
0000	138	466	132	003	932	300	188	254	124	151	690						
0000	139	466	132	003	932	300	189	254	110	049	682						
0000	140	488	141	054	132	300	190	254	112	082	710						
0000	141	379	148	070	921	300	191	334	117	151	656						
0000	142	379	130	434	613	300	192	464	107	330	455						
0000	143	210	112	655	186	300	193	464	109	617	187						
0000	144	284	133	742	167	300	194	333	116	683	133						
0000	145	336	135	833	150	300	195	444	123	763	110						
0000	146	484	161	047	008	300	196	545	130	789	063						
0000	148	542	189	047	022	300	197	777	132	937	155						
0000	149	467	179	047	042	300	198	218	136	783	303						
0000	150	261	124	096	734	300	199	217	121	199	711						
0000	151	421	165	878	063	300	200	273	125	169	712						
0000	152	237	130	136	726	300	201	262	125	136	691						
0000	153	237	130	136	726	300	202	184	125	201	613						
0000	154	373	133	219	832	300	203	127	132	250	624						
0000	155	453	141	018	850	300	204	045	112	382	338						
0000	156	453	141	018	850	300	205	233	107	598	093						
0000	157	469	151	033	966	300	206	262	116	689	061						

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	207	.308	.117	.702	-.012	300	348	.182	.119	.539	-.180	300	430	-.182	.181	.132	.181
300	208	.327	.120	.758	-.012	300	401	-.255	.096	.103	-.588	300	451	-.188	.099	.216	.188
300	209	.299	.129	.826	-.095	300	402	-.224	.103	.150	-.599	300	452	-.190	.101	.148	.190
300	201	.064	.231	.650	-.932	300	403	-.198	.105	.173	-.591	300	453	-.207	.101	.130	.207
300	202	.082	.164	.575	-.725	300	404	-.203	.107	.135	-.699	300	454	-.225	.104	.105	.225
300	203	.103	.118	.527	-.456	300	405	-.210	.103	.185	-.560	300	455	-.225	.103	.110	.225
300	204	.034	.105	.228	-.424	300	406	-.226	.114	.172	-.684	300	456	-.198	.107	.140	.198
300	205	.116	.128	.564	-.4318	300	407	-.238	.121	.180	-.791	300	457	-.181	.104	.144	.181
300	206	.089	.282	.551	-.4323	300	408	-.260	.127	.217	-.859	300	458	-.186	.109	.188	.186
300	207	.157	.262	.607	-.4333	300	409	-.264	.130	.223	-.951	300	459	-.191	.108	.150	.191
300	208	.200	.213	.607	-.415	300	410	-.272	.110	.222	-.648	300	460	-.188	.110	.182	.188
300	209	.022	.132	.420	-.4155	300	411	-.278	.111	.222	-.632	300	461	-.214	.109	.180	.214
300	210	.004	.113	.433	-.379	300	412	-.246	.107	.152	-.609	300	462	-.225	.110	.201	.225
300	211	.045	.123	.489	-.360	300	413	-.236	.107	.126	-.601	300	463	-.202	.106	.210	.202
300	212	.148	.096	.192	-.494	300	414	-.247	.112	.147	-.631	300	464	-.222	.114	.151	.222
300	213	.112	.265	.897	-.774	300	415	-.258	.117	.159	-.722	300	465	-.226	.114	.151	.226
300	214	.082	.096	.203	-.422	300	416	-.263	.116	.145	-.734	300	466	-.231	.116	.176	.231
300	215	.070	.269	.855	-.915	300	417	-.188	.098	.133	-.505	300	467	-.211	.115	.217	.211
300	216	.086	.289	.820	-.974	300	418	-.189	.100	.132	-.514	300	468	-.179	.107	.214	.179
300	217	.015	.131	.489	-.385	300	419	-.187	.100	.128	-.496	300	469	-.179	.105	.253	.179
300	218	.052	.114	.523	-.334	300	420	-.196	.100	.129	-.532	300	501	-.276	.118	.094	.276
300	219	.082	.117	.552	-.295	300	421	-.206	.102	.106	-.547	300	502	-.271	.116	.084	.271
300	220	.070	.101	.527	-.418	300	422	-.223	.107	.126	-.666	300	503	-.273	.107	.267	.273
300	221	.093	.273	.913	-.856	300	423	-.234	.110	.101	-.635	300	504	-.266	.111	.261	.266
300	222	.063	.101	.298	-.436	300	424	-.251	.105	.196	-.596	300	505	-.282	.114	.211	.282
300	223	.064	.277	.981	-.813	300	425	-.256	.105	.199	-.607	300	506	-.294	.122	.186	.294
300	224	.046	.267	.765	-.923	300	426	-.185	.094	.246	-.606	300	507	-.284	.116	.081	.284
300	225	.008	.126	.470	-.495	300	427	-.241	.107	.200	-.609	300	508	-.277	.113	.077	.277
300	226	.051	.115	.447	-.307	300	428	-.184	.096	.177	-.493	300	509	-.276	.114	.075	.276
300	227	.061	.115	.546	-.289	300	429	-.183	.094	.151	-.491	300	510	-.271	.114	.073	.271
300	228	.046	.099	.289	-.365	300	430	-.187	.096	.163	-.494	300	511	-.287	.114	.104	.287
300	229	.013	.261	.906	-.767	300	431	-.197	.096	.166	-.505	300	512	-.277	.126	.086	.277
300	230	.075	.097	.246	-.382	300	432	-.222	.096	.076	-.560	300	513	-.270	.110	.076	.270
300	231	.008	.257	.814	-.960	300	433	-.231	.095	.074	-.547	300	514	-.270	.112	.100	.270
300	232	.006	.254	.801	-.981	300	434	-.227	.097	.104	-.558	300	515	-.271	.114	.102	.271
300	233	.007	.128	.5520	-.436	300	435	-.220	.101	.168	-.591	300	516	-.276	.126	.141	.276
300	234	.027	.121	.571	-.389	300	436	-.225	.111	.179	-.787	300	517	-.246	.116	.151	.246
300	235	.012	.117	.532	-.343	300	437	-.173	.097	.161	-.560	300	518	-.244	.114	.152	.244
300	236	.047	.114	.586	-.399	300	438	-.206	.111	.252	-.957	300	519	-.241	.107	.136	.241
300	237	.006	.235	.792	-.3790	300	439	-.171	.100	.172	-.595	300	520	-.261	.105	.121	.261
300	238	.053	.113	.585	-.397	300	440	-.170	.098	.230	-.546	300	521	-.228	.106	.139	.228
300	239	.071	.190	.684	-.388	300	441	-.169	.097	.226	-.535	300	522	-.238	.110	.135	.238
300	240	.076	.162	.578	-.388	300	442	-.188	.099	.207	-.595	300	523	-.234	.108	.158	.234
300	241	.069	.120	.475	-.391	300	443	-.205	.101	.207	-.616	300	524	-.224	.109	.159	.224
300	242	.122	.114	.565	-.260	300	444	-.225	.102	.095	-.555	300	525	-.211	.105	.161	.211
300	243	.159	.126	.606	-.208	300	445	-.203	.103	.143	-.517	300	526	-.194	.102	.181	.194
300	244	.182	.116	.551	-.256	300	446	-.198	.107	.186	-.530	300	527	-.220	.099	.151	.220
300	245	.091	.147	.612	-.330	300	447	-.205	.102	.146	-.630	300	528	-.218	.099	.115	.218
300	246	.144	.142	.647	-.332	300	448	-.176	.099	.141	-.513	300	529	-.212	.103	.154	.212
300	247	.145	.105	.519	-.289	300	449	-.190	.107	.140	-.563	300	530	-.216	.108	.129	.216

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	
310	101	182	107	177	602	310	101	375	142	046	-1.012	310	151	187	178	881	412	
310	102	174	108	247	590	310	102	370	151	020	-1.235	310	152	287	106	051	676	
310	103	176	107	249	590	310	103	356	138	016	-1.066	310	153	294	113	090	706	
310	104	172	106	243	590	310	104	353	124	010	-0.834	310	154	346	121	091	758	
310	105	201	100	118	590	310	105	339	113	049	-0.730	310	155	371	143	126	837	
310	106	200	099	121	590	310	106	204	111	169	-0.733	310	156	305	154	209	853	
310	107	166	101	156	590	310	107	076	116	313	-0.481	310	157	111	133	317	658	
310	108	194	102	156	590	310	108	010	123	471	-0.392	310	158	090	128	579	419	
310	109	172	105	144	590	310	109	015	125	456	-0.393	310	159	233	128	733	068	
310	110	154	097	168	590	310	110	029	135	543	-0.425	310	160	336	135	805	011	
310	111	179	108	144	590	310	111	096	156	610	-0.418	310	161	336	135	805	011	
310	112	173	105	147	590	310	112	163	173	719	-0.420	310	162	446	169	101	002	
310	113	179	107	154	590	310	113	050	205	828	-0.711	310	163	339	174	896	288	
310	114	179	104	148	590	310	114	301	099	003	-0.673	310	164	244	183	839	441	
310	115	172	105	160	590	310	115	396	166	095	-0.779	310	165	244	183	839	441	
310	116	174	106	169	590	310	116	360	111	012	-0.741	310	166	153	179	840	374	
310	117	177	107	139	590	310	117	274	117	113	-0.687	310	167	222	153	104	598	
310	118	179	110	117	590	310	118	080	112	300	-0.473	310	168	247	110	109	690	
310	119	177	109	117	590	310	119	117	122	514	-0.283	310	169	228	113	067	672	
310	120	223	114	084	590	310	120	249	131	727	-0.256	310	170	235	127	078	747	
310	121	255	114	094	590	310	121	232	146	887	-0.109	310	171	233	140	180	715	
310	122	255	117	095	590	310	122	328	155	043	-0.733	310	172	132	139	332	546	
310	123	172	103	181	590	310	123	338	116	093	-0.815	310	173	060	131	545	368	
310	124	233	114	114	590	310	124	383	121	055	-0.827	310	174	220	115	844	088	
310	125	233	109	118	590	310	125	376	125	055	-0.827	310	175	238	124	844	088	
310	126	238	108	108	590	310	126	366	126	082	-0.688	310	176	341	133	869	063	
310	127	193	123	640	590	310	127	104	122	249	-0.533	310	177	334	146	872	107	
310	128	149	107	258	590	310	128	099	126	482	-0.291	310	178	200	167	016	253	
310	129	334	151	094	590	310	129	303	129	790	-0.110	310	179	120	188	995	465	
310	130	308	151	094	590	310	130	352	132	784	-0.118	310	180	244	113	200	612	
310	131	308	129	776	590	310	131	443	150	922	-0.079	310	181	055	176	648	451	
310	132	244	119	654	590	310	132	444	170	114	-0.066	310	182	220	109	084	760	
310	133	171	117	195	590	310	133	475	182	089	-0.215	310	183	232	113	075	699	
310	134	221	100	134	590	310	134	322	191	919	-0.419	310	184	233	121	119	675	
310	135	221	106	089	590	310	135	333	104	669	-0.723	310	185	235	127	155	622	
310	136	227	106	089	590	310	136	355	194	927	-0.428	310	186	161	131	227	632	
310	137	180	094	089	590	310	137	360	104	065	-0.750	310	187	164	126	222	582	
310	138	180	094	089	590	310	138	376	104	019	-0.733	310	188	161	126	194	587	
310	139	772	166	216	590	310	139	323	106	039	-0.783	310	189	220	133	178	661	
310	140	510	147	114	590	310	140	333	106	036	-0.783	310	190	220	133	278	561	
310	141	383	189	121	590	310	141	466	122	119	-0.570	310	191	044	128	388	453	
310	142	222	222	246	590	310	142	353	135	119	-0.786	310	192	114	114	522	208	
310	143	496	222	154	590	310	143	153	128	264	-0.570	310	193	281	118	656	096	
310	144	674	202	049	590	310	144	060	123	447	-0.380	310	194	272	124	720	054	
310	145	272	166	437	590	310	145	323	129	801	-0.053	310	195	333	129	766	019	
310	146	355	200	440	590	310	146	393	136	878	-0.067	310	196	200	134	726	041	
310	147	117	115	286	590	310	147	451	146	946	-0.054	310	197	177	135	773	245	
310	148	220	144	275	590	310	148	516	158	026	-0.114	310	198	061	150	713	403	
310	149	220	112	336	590	310	149	419	170	856	-0.102	310	199	149	126	256	698	
310	150	132	133	420	590	310	150	233	186	880	-0.450	310	200	178	135	247	748	
310	151	76	76	420	590	310	151	291	104	056	-0.673							



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	201	.219	.125	.260	.064	310	342	.042	.179	.475	.919	310	444	.269	.096	.028	.691
310	202	.081	.122	.430	.481	310	343	.017	.148	.475	.533	310	445	.254	.098	.094	.692
310	203	.004	.128	.565	.190	310	344	.056	.136	.500	.340	310	446	.149	.104	.087	.691
310	204	.159	.120	.651	.199	310	345	.122	.171	.377	.771	310	447	.224	.112	.154	.691
310	205	.330	.128	.815	.045	310	346	.087	.195	.412	.921	310	448	.224	.110	.183	.691
310	206	.363	.132	.872	.034	310	347	.012	.170	.431	.889	310	449	.233	.110	.159	.691
310	207	.369	.139	.931	.036	310	348	.061	.131	.524	.462	310	450	.224	.112	.198	.691
310	208	.344	.141	.606	.044	310	401	.297	.109	.645	.647	310	451	.259	.111	.089	.691
310	209	.236	.123	.681	.170	310	402	.264	.102	.116	.630	310	452	.246	.101	.101	.691
310	210	.307	.133	.422	.111	310	403	.246	.106	.129	.634	310	453	.261	.100	.069	.691
310	211	.290	.130	.422	.111	310	404	.248	.105	.159	.710	310	454	.271	.102	.055	.691
310	212	.249	.116	.288	.068	310	405	.259	.104	.136	.645	310	455	.263	.103	.050	.691
310	213	.101	.107	.249	.068	310	406	.286	.106	.140	.626	310	456	.224	.102	.064	.691
310	214	.101	.107	.249	.068	310	407	.286	.106	.152	.626	310	457	.224	.101	.083	.691
310	215	.101	.107	.249	.068	310	408	.310	.107	.134	.646	310	458	.224	.103	.082	.691
310	216	.101	.107	.249	.068	310	409	.317	.110	.061	.646	310	459	.224	.111	.078	.691
310	217	.101	.107	.249	.068	310	410	.296	.108	.108	.671	310	460	.224	.105	.156	.691
310	218	.101	.107	.249	.068	310	411	.296	.108	.083	.734	310	461	.224	.121	.119	.691
310	219	.101	.107	.249	.068	310	412	.282	.111	.076	.623	310	462	.224	.118	.140	.691
310	220	.101	.107	.249	.068	310	413	.273	.110	.078	.611	310	463	.224	.108	.072	.691
310	221	.101	.107	.249	.068	310	414	.287	.115	.118	.637	310	464	.224	.102	.136	.691
310	222	.101	.107	.249	.068	310	415	.300	.122	.119	.614	310	465	.224	.100	.095	.691
310	223	.101	.107	.249	.068	310	416	.298	.115	.078	.730	310	466	.224	.102	.096	.691
310	224	.101	.107	.249	.068	310	417	.291	.106	.101	.620	310	467	.224	.100	.111	.691
310	225	.101	.107	.249	.068	310	418	.232	.103	.106	.628	310	468	.224	.106	.158	.691
310	226	.101	.107	.249	.068	310	419	.231	.102	.100	.628	310	469	.224	.106	.140	.691
310	227	.101	.107	.249	.068	310	420	.243	.100	.070	.660	310	501	.224	.133	.169	.691
310	228	.101	.107	.249	.068	310	421	.247	.096	.058	.629	310	502	.224	.127	.170	.691
310	229	.101	.107	.249	.068	310	422	.266	.100	.057	.629	310	503	.224	.108	.027	.691
310	230	.101	.107	.249	.068	310	423	.261	.105	.078	.677	310	504	.224	.107	.111	.691
310	231	.101	.107	.249	.068	310	424	.294	.110	.069	.803	310	505	.224	.114	.050	.691
310	232	.101	.107	.249	.068	310	425	.299	.108	.075	.791	310	506	.224	.122	.082	.691
310	233	.101	.107	.249	.068	310	426	.326	.100	.112	.618	310	507	.224	.115	.019	.691
310	234	.101	.107	.249	.068	310	427	.322	.108	.105	.675	310	508	.224	.111	.022	.691
310	235	.101	.107	.249	.068	310	428	.326	.093	.072	.547	310	509	.224	.108	.040	.691
310	236	.101	.107	.249	.068	310	429	.233	.091	.073	.556	310	510	.224	.107	.061	.691
310	237	.101	.107	.249	.068	310	430	.235	.092	.087	.539	310	511	.224	.103	.006	.691
310	238	.101	.107	.249	.068	310	431	.247	.091	.076	.543	310	512	.224	.105	.021	.691
310	239	.101	.107	.249	.068	310	432	.259	.101	.085	.649	310	513	.224	.102	.021	.691
310	240	.101	.107	.249	.068	310	433	.266	.100	.087	.639	310	514	.224	.103	.006	.691
310	241	.101	.107	.249	.068	310	434	.271	.103	.103	.654	310	515	.224	.106	.045	.691
310	242	.101	.107	.249	.068	310	435	.275	.105	.094	.680	310	516	.224	.103	.089	.691
310	243	.101	.107	.249	.068	310	436	.274	.107	.093	.644	310	517	.224	.107	.026	.691
310	244	.101	.107	.249	.068	310	437	.217	.102	.106	.616	310	518	.224	.106	.055	.691
310	245	.101	.107	.249	.068	310	438	.256	.108	.066	.679	310	519	.224	.104	.022	.691
310	246	.101	.107	.249	.068	310	439	.214	.106	.076	.777	310	520	.224	.105	.048	.691
310	247	.101	.107	.249	.068	310	440	.221	.091	.069	.593	310	521	.224	.107	.045	.691
310	248	.101	.107	.249	.068	310	441	.220	.089	.066	.512	310	522	.224	.110	.041	.691
310	249	.101	.107	.249	.068	310	442	.220	.089	.044	.529	310	523	.224	.108	.052	.691
310	250	.101	.107	.249	.068	310	443	.236	.089	.042	.525	310	524	.224	.108	.074	.691

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ) PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	100	266	108	078	-653	320	9	457	192	330	-1.206	320	145	486	146	1.000	-103
320	101	289	110	075	-740	320	10	350	243	274	-1.315	320	146	528	158	1.050	063
320	102	288	101	084	-593	320	11	169	177	380	-909	320	147	500	175	1.052	017
320	103	288	100	060	-612	320	12	249	199	313	-1.009	320	148	253	179	1.916	-281
320	104	288	105	103	-606	320	13	365	208	283	-1.031	320	149	041	166	1.601	-611
320	105	288	109	110	-718	320	14	331	193	623	-1.052	320	150	314	097	1.006	-676
320	106	288	109	068	-701	320	101	402	119	048	-806	320	151	086	152	1.464	-547
320	107	233	106	059	-724	320	102	388	117	048	-751	320	152	287	096	1.073	-589
320	108	233	109	098	-724	320	103	380	116	043	-786	320	153	303	106	1.000	-741
320	109	233	107	107	-752	320	104	362	116	067	-738	320	154	301	119	1.107	-738
320	110	232	109	088	-539	320	105	267	118	229	-728	320	155	267	138	1.186	-691
320	111	227	097	089	-617	320	106	145	116	304	-571	320	156	147	142	1.333	-618
320	112	211	099	118	-580	320	107	016	123	419	-509	320	157	027	135	1.552	-393
320	113	213	100	128	-575	320	108	014	132	494	-414	320	158	224	132	1.776	-220
320	114	216	116	170	-764	320	109	002	140	481	-456	320	159	388	135	1.992	-011
320	115	180	107	169	-536	320	110	061	148	558	-427	320	160	436	142	1.088	012
320	116	215	116	199	-651	320	111	100	163	658	-463	320	161	452	163	1.078	-132
320	117	220	114	190	-661	320	112	040	171	667	-578	320	162	424	166	1.031	-094
320	118	232	104	142	-584	320	113	245	181	403	-1.036	320	163	125	171	1.765	-404
320	119	233	101	163	-558	320	114	273	102	039	-611	320	164	035	173	1.581	-596
320	120	220	102	167	-564	320	115	379	116	003	-761	320	165	271	104	1.064	-701
320	121	218	103	168	-566	320	116	264	120	136	-707	320	166	066	163	1.503	-670
320	122	192	105	198	-609	320	117	148	120	227	-557	320	167	259	103	1.094	-717
320	123	189	105	203	-604	320	118	070	115	503	-306	320	168	267	106	1.115	-725
320	124	160	111	204	-530	320	119	264	132	703	-195	320	169	255	127	1.168	-674
320	125	171	111	194	-545	320	120	368	145	838	-147	320	170	193	139	1.242	-623
320	126	197	120	190	-571	320	121	416	143	872	-044	320	171	092	143	1.361	-526
320	127	204	100	151	-553	320	122	355	104	026	-727	320	172	045	135	1.447	-431
320	128	200	102	143	-550	320	123	353	103	006	-808	320	173	186	134	1.719	-204
320	129	179	117	193	-540	320	124	360	112	047	-752	320	174	341	123	1.792	-068
320	130	206	123	216	-727	320	125	269	125	189	-704	320	175	370	130	1.834	-117
320	131	214	122	198	-690	320	126	119	126	343	-551	320	176	377	141	1.933	-145
320	132	347	155	963	-203	320	127	056	132	559	-325	320	177	349	150	1.889	-115
320	133	348	122	425	-533	320	128	239	142	731	-207	320	178	085	155	1.662	-406
320	134	335	131	128	-843	320	129	383	146	929	-211	320	179	100	160	1.517	-636
320	135	150	170	360	-829	320	130	430	151	961	-152	320	180	268	108	1.139	-671
320	136	286	138	736	-156	320	131	503	169	1.028	-113	320	181	142	163	1.440	-824
320	137	314	130	886	-065	320	132	520	184	063	-110	320	182	248	116	1.162	-642
320	138	041	135	419	-557	320	133	271	173	756	-416	320	183	212	118	1.198	-612
320	139	203	117	170	-633	320	134	006	172	484	-651	320	184	146	129	1.366	-606
320	140	219	126	129	-864	320	135	346	106	033	-803	320	185	099	131	1.283	-610
320	141	257	120	077	-740	320	136	014	175	593	-685	320	186	021	133	1.400	-527
320	142	105	243	103	-1.985	320	137	311	095	028	-698	320	187	058	125	1.323	-582
320	143	810	172	233	-1.353	320	138	322	096	020	-697	320	188	042	133	1.321	-560
320	144	616	149	132	-1.190	320	139	332	110	031	-750	320	189	115	130	1.299	-517
320	145	555	187	059	-1.757	320	140	271	131	139	-733	320	190	010	123	1.372	-426
320	146	488	255	184	-1.933	320	141	162	139	384	-606	320	191	090	123	1.514	-320
320	147	467	244	177	-1.403	320	142	032	128	477	-433	320	192	226	117	1.615	-145
320	148	710	173	062	-1.363	320	143	234	130	782	-223	320	193	356	120	1.793	005
320	149	358	198	270	-1.358	320	144	420	147	900	-024	320	194	393	124	1.802	019

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
33200	195	.370	.128	.842	-.019	33200	33326	-.289	.174	.189	-1.335	33200	438	-.283	.103	.070	-.684
33200	196	.284	.133	.777	-.092	33200	33336	-.507	.213	.036	-1.646	33200	439	-.264	.137	.150	-.900
33200	197	-.032	.124	.651	-.354	33200	33338	-.307	.168	.137	-1.172	33200	440	-.279	.137	.141	-.866
33200	198	-.118	.125	.365	-.599	33200	33339	-.382	.172	.141	-1.092	33200	441	-.271	.123	.124	-.762
33200	199	-.070	.112	.331	-.523	33200	33400	-.344	.167	.153	-1.073	33200	442	-.291	.114	.076	-.688
33200	200	-.050	.145	.543	-.546	33200	3411	-.349	.195	.199	-1.387	33200	443	-.297	.107	.062	-.659
33200	201	-.115	.122	.308	-.504	33200	3442	-.348	.223	.251	-1.801	33200	444	-.285	.105	.030	-.673
33200	202	-.062	.117	.468	-.303	33200	3443	-.195	.144	.375	-.842	33200	445	-.263	.102	.058	-.637
33200	203	.166	.125	.596	-.268	33200	3444	-.130	.148	.429	-.703	33200	446	-.265	.105	.048	-.655
33200	204	.295	.126	.761	-.102	33200	3445	-.318	.148	.223	-.923	33200	447	-.328	.109	.133	-.743
33200	205	.402	.144	.923	-.013	33200	3446	-.319	.167	.319	-.956	33200	448	-.276	.131	.153	-.845
33200	206	.433	.146	.979	-.040	33200	3477	-.296	.216	.262	-1.299	33200	449	-.249	.101	.121	-.634
33200	207	.460	.150	1.013	-.027	33200	348	-.096	.140	.415	-.638	33200	450	-.277	.126	.141	-.820
33200	208	.493	.151	.875	-.138	33200	401	-.347	.114	.072	-1.011	33200	451	-.315	.135	.107	-1.022
33200	209	.519	.117	.670	-.281	33200	402	-.297	.115	.064	-.829	33200	452	-.287	.120	.120	-.710
33200	210	.586	.236	.033	-1.752	33200	403	-.271	.122	.084	-.943	33200	453	-.292	.111	.082	-.701
33200	211	.923	.310	.167	-1.922	33200	404	-.360	.126	.071	-1.265	33200	454	-.293	.109	.072	-.706
33200	212	.451	.168	.159	-1.934	33200	405	-.332	.158	.081	-2.255	33200	455	-.267	.103	.087	-.616
33200	213	.253	.138	.217	-1.060	33200	406	-.352	.161	.110	-1.389	33200	456	-.247	.101	.121	-.623
33200	214	.137	.141	.291	-1.006	33200	407	-.346	.134	.116	-.956	33200	457	-.239	.101	.138	-.631
33200	215	-.239	.117	.149	-.938	33200	408	-.328	.119	.091	-.962	33200	458	-.251	.109	.129	-.647
33200	216	-.972	.246	-.208	-1.920	33200	409	-.329	.121	.109	-.942	33200	459	-.301	.134	.128	-.924
33200	217	.964	.259	.019	-1.758	33200	410	-.325	.105	.046	-.731	33200	460	-.245	.113	.143	-.661
33200	218	.479	.206	.002	-1.496	33200	411	-.335	.112	.061	-.853	33200	461	-.321	.151	.160	-1.135
33200	219	.307	.170	.165	-1.190	33200	412	-.324	.113	.031	-.733	33200	462	-.317	.147	.122	-1.138
33200	220	.226	.159	.244	-.960	33200	413	-.320	.119	.041	-.866	33200	463	-.296	.128	.108	-.816
33200	221	.708	.115	.095	-.893	33200	414	-.328	.127	.090	-.871	33200	464	-.274	.119	.123	-.723
33200	222	.833	.149	.043	-1.585	33200	415	-.332	.122	.075	-.873	33200	465	-.255	.111	.107	-.710
33200	223	.253	.239	.169	-1.972	33200	416	-.335	.113	.210	-.708	33200	466	-.223	.108	.160	-.564
33200	224	.825	.254	.016	-1.972	33200	417	-.278	.110	.196	-.779	33200	467	-.201	.106	.139	-.502
33200	225	.555	.250	.118	-1.724	33200	418	-.277	.106	.195	-.737	33200	468	-.246	.106	.109	-.653
33200	226	.555	.250	.173	-1.720	33200	419	-.266	.106	.178	-.667	33200	469	-.258	.108	.096	-.723
33200	227	.381	.233	.163	-1.536	33200	420	-.294	.109	.050	-.839	33200	501	-.382	.135	.017	-1.050
33200	228	.286	.200	.194	-1.171	33200	421	-.299	.110	.047	-.704	33200	502	-.378	.131	.010	-.937
33200	229	.309	.200	.216	-1.284	33200	422	-.318	.117	.028	-.692	33200	503	-.344	.132	.165	-.911
33200	230	.730	.254	.069	-1.842	33200	423	-.327	.116	.118	-.722	33200	504	-.334	.132	.154	-.874
33200	231	.303	.266	.236	-1.433	33200	424	-.325	.113	.129	-.744	33200	505	-.353	.134	.122	-.828
33200	232	.740	.275	.044	-1.903	33200	425	-.324	.112	.102	-.783	33200	506	-.356	.138	.144	-.899
33200	233	.765	.308	.009	-2.360	33200	426	-.289	.132	.088	-.939	33200	507	-.362	.127	.144	-.899
33200	234	.518	.249	.114	-1.599	33200	427	-.326	.112	.108	-.756	33200	508	-.355	.121	.135	-.859
33200	235	.367	.227	.180	-1.468	33200	428	-.300	.137	.067	-1.003	33200	509	-.353	.121	.135	-.853
33200	236	.287	.189	.211	-1.080	33200	429	-.287	.128	.072	-.937	33200	510	-.343	.120	.142	-.814
33200	237	.307	.201	.260	-1.680	33200	430	-.288	.119	.076	-.837	33200	511	-.351	.110	.049	-.724
33200	238	.267	.189	.013	-2.096	33200	431	-.292	.109	.045	-.698	33200	512	-.347	.111	.049	-.714
33200	239	.693	.267	.160	-1.519	33200	432	-.322	.102	.007	-.755	33200	513	-.357	.111	.033	-.742
33200	240	.316	.183	.046	-1.641	33200	433	-.354	.099	.024	-.644	33200	514	-.352	.111	.027	-.720
33200	241	.633	.260	.057	-1.932	33200	434	-.328	.101	.008	-.661	33200	515	-.369	.099	.069	-.738
33200	242	.239	.212	.239	-1.649	33200	435	-.322	.102	.006	-.677	33200	516	-.343	.097	.031	-.684
33200	243	.343	.197	.261	-1.819	33200	436	-.304	.104	.024	-.739	33200	517	-.358	.098	.066	-.733
33200	244	.287	.172	.288	-1.135	33200	437	-.271	.135	.154	-1.051	33200	518	-.348	.098	.070	-.736

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3220	519	365	120	006	730	3330	3	192	137	150	150	3330	139	211	146	227	709
3220	520	355	118	013	719	3330	4	199	156	156	156	3330	140	202	152	310	600
3220	521	353	121	027	764	3330	5	206	166	166	166	3330	141	177	150	602	314
3220	522	355	123	011	893	3330	6	222	195	177	177	3330	142	333	158	824	120
3220	523	332	114	040	738	3330	7	193	160	143	143	3330	143	456	174	046	058
3220	524	309	113	088	653	3330	8	194	194	194	194	3330	144	515	180	094	035
3220	525	307	116	082	705	3330	9	205	204	204	204	3330	145	527	180	197	016
3220	526	340	112	112	787	3330	10	191	191	191	191	3330	146	467	197	125	139
3220	527	300	102	004	638	3330	11	197	205	205	205	3330	147	324	199	316	316
3220	528	290	100	029	630	3330	12	197	197	197	197	3330	148	028	175	612	642
3220	529	281	102	052	642	3330	13	149	149	149	149	3330	149	188	152	296	111
3220	530	276	104	052	729	3330	14	204	204	204	204	3330	150	383	127	017	928
3220	531	305	116	083	746	3330	101	102	102	102	102	3330	151	208	142	264	912
3220	532	268	106	107	604	3330	102	103	103	103	103	3330	152	369	129	060	901
3220	533	288	117	101	754	3330	103	111	111	111	111	3330	153	334	129	100	830
3220	534	280	114	101	697	3330	104	104	104	104	104	3330	154	184	145	261	711
3220	535	297	113	160	687	3330	105	105	105	105	105	3330	155	028	153	429	544
3220	536	281	112	193	690	3330	106	106	106	106	106	3330	156	148	150	726	312
3220	537	265	113	215	694	3330	107	107	107	107	107	3330	157	302	145	888	148
3220	538	259	112	215	776	3330	108	108	108	108	108	3330	158	414	150	959	048
3220	539	309	122	071	789	3330	109	109	109	109	109	3330	159	464	162	090	019
3220	540	250	110	140	620	3330	110	110	110	110	110	3330	160	462	168	081	018
3220	541	301	123	118	833	3330	111	111	111	111	111	3330	161	378	168	052	088
3220	542	287	121	085	833	3330	112	112	112	112	112	3330	162	231	160	926	248
3220	543	278	109	101	688	3330	113	113	113	113	113	3330	163	086	137	499	519
3220	544	267	105	129	619	3330	114	114	114	114	114	3330	164	193	129	310	595
3220	545	259	108	159	637	3330	115	115	115	115	115	3330	165	372	115	030	745
3220	546	255	108	160	641	3330	116	116	116	116	116	3330	166	244	134	261	634
3220	547	264	111	080	710	3330	117	117	117	117	117	3330	167	079	117	033	744
3220	548	261	111	102	732	3330	118	118	118	118	118	3330	168	333	125	133	735
3220	549	105	124	291	643	3330	119	119	119	119	119	3330	169	131	141	295	635
3220	550	112	124	285	665	3330	120	120	120	120	120	3330	170	016	139	503	483
3220	551	118	131	301	666	3330	121	121	121	121	121	3330	171	160	136	727	349
3220	552	253	111	114	729	3330	122	122	122	122	122	3330	172	276	130	735	126
3220	553	249	113	119	741	3330	123	123	123	123	123	3330	173	304	140	750	236
3220	554	091	129	338	523	3330	124	124	124	124	124	3330	174	392	130	785	064
3220	555	105	134	305	533	3330	125	125	125	125	125	3330	175	399	134	817	037
3220	556	115	132	305	573	3330	126	126	126	126	126	3330	176	362	142	835	017
3220	901	400	162	987	1066	3330	127	127	127	127	127	3330	177	246	168	921	266
3220	902	089	139	561	484	3330	128	128	128	128	128	3330	178	032	149	570	566
3220	903	267	135	204	766	3330	129	129	129	129	129	3330	179	183	143	447	700
3220	904	314	172	263	031	3330	130	130	130	130	130	3330	180	324	128	131	889
3220	905	231	131	793	156	3330	131	131	131	131	131	3330	181	232	141	238	839
3220	906	374	137	973	040	3330	132	132	132	132	132	3330	182	289	108	077	709
3220	907	126	125	553	274	3330	133	133	133	133	133	3330	183	266	105	165	561
3220	908	113	114	371	444	3330	134	134	134	134	134	3330	184	072	113	328	475
3220	909	105	118	325	527	3330	135	135	135	135	135	3330	185	014	122	326	429
3330	910	291	111	114	339	3330	136	136	136	136	136	3330	186	079	123	487	308
3330	1	843	226	207	773	3330	137	137	137	137	137	3330	187	007	109	327	378
3330	2	716	173	006	440	3330	138	138	138	138	138	3330	188	051	126	426	384

APPENDIX A -- PRESSURE DATA; CONFIGURATION A; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	189	.015	.136	.400	-.425	330	330	.433	.212	.166	-1.854	330	432	.399	.117	.033	-.827
330	189	.109	.131	.589	-.313	330	331	.480	.228	.125	-1.603	330	433	.384	.113	.001	-.814
330	191	.217	.127	.758	-.215	330	332	.503	.224	.027	-1.762	330	434	.381	.117	.020	-.829
330	192	.327	.124	.908	-.067	330	333	.463	.193	.156	-1.593	330	435	.381	.118	.017	-.846
330	193	.463	.132	.828	.005	330	334	.440	.192	.200	-2.009	330	436	.380	.115	.011	-.759
330	194	.416	.134	.878	.018	330	335	.431	.187	.186	-1.489	330	437	.417	.173	.104	-1.208
330	195	.346	.134	.789	.046	330	336	.430	.199	.129	-1.771	330	438	.359	.112	.045	-.771
330	196	.232	.130	.628	.046	330	337	.451	.199	.003	-1.776	330	439	.406	.179	.089	-1.226
330	197	.021	.133	.448	.444	330	338	.428	.186	.200	-1.837	330	440	.392	.162	.121	-1.141
330	198	.038	.136	.448	.444	330	339	.410	.170	.006	-1.340	330	441	.392	.144	.044	-.672
330	199	.054	.118	.729	.404	330	340	.392	.167	.054	-1.209	330	442	.392	.128	.034	-.761
330	200	.017	.170	.402	.397	330	341	.424	.190	.187	-1.727	330	443	.392	.118	.042	-.721
330	201	.159	.114	.402	.513	330	342	.460	.217	.227	-1.960	330	444	.392	.113	.080	-.733
330	202	.254	.122	.822	.324	330	343	.303	.147	.203	-.977	330	445	.392	.111	.080	-.725
330	203	.352	.126	.858	.248	330	344	.261	.177	.622	-.916	330	446	.392	.113	.113	-.722
330	204	.414	.144	.906	.073	330	345	.395	.174	.052	-1.135	330	447	.392	.122	.015	-.815
330	205	.454	.144	.906	.055	330	346	.396	.185	.138	-1.326	330	448	.392	.171	.145	-1.147
330	206	.454	.144	.906	.094	330	347	.418	.228	.362	-1.490	330	449	.392	.113	.046	-.721
330	207	.454	.144	.906	.172	330	348	.230	.152	.462	-.732	330	450	.392	.168	.138	-1.081
330	208	.454	.144	.906	.172	330	349	.444	.155	.219	-1.141	330	451	.392	.159	.153	-1.214
330	209	.454	.144	.906	.172	330	350	.389	.156	.182	-1.158	330	452	.392	.144	.115	-.958
330	210	.454	.144	.906	.172	330	351	.372	.162	.118	-1.045	330	453	.392	.126	.062	-.838
330	211	.454	.144	.906	.172	330	352	.398	.161	.175	-1.516	330	454	.392	.118	.065	-.835
330	212	.454	.144	.906	.172	330	353	.423	.153	.027	-1.349	330	455	.392	.112	.107	-.833
330	213	.454	.144	.906	.172	330	354	.424	.152	.043	-1.032	330	456	.392	.111	.121	-.769
330	214	.454	.144	.906	.172	330	355	.396	.144	.010	-.949	330	457	.392	.115	.046	-.853
330	215	.454	.144	.906	.172	330	356	.378	.129	.037	-1.148	330	458	.392	.121	.056	-.927
330	216	.454	.144	.906	.172	330	357	.381	.133	.009	-1.090	330	459	.392	.162	.075	-1.203
330	217	.454	.144	.906	.172	330	358	.418	.134	.085	-.854	330	460	.392	.116	.014	-.922
330	218	.454	.144	.906	.172	330	359	.426	.151	.100	-.956	330	461	.392	.165	.090	-1.353
330	219	.454	.144	.906	.172	330	360	.443	.140	.045	-.976	330	462	.392	.164	.080	-1.284
330	220	.454	.144	.906	.172	330	361	.441	.141	.039	-.996	330	463	.392	.149	.058	-1.173
330	221	.454	.144	.906	.172	330	362	.440	.140	.072	-.948	330	464	.392	.124	.087	-.951
330	222	.454	.144	.906	.172	330	363	.421	.136	.003	-.878	330	465	.392	.105	.082	-.666
330	223	.454	.144	.906	.172	330	364	.407	.137	.067	-.903	330	466	.392	.106	.140	-.595
330	224	.454	.144	.906	.172	330	365	.401	.154	.185	-1.044	330	467	.392	.110	.133	-.641
330	225	.454	.144	.906	.172	330	366	.383	.146	.164	-.978	330	468	.392	.119	.084	-.857
330	226	.454	.144	.906	.172	330	367	.361	.133	.091	-1.048	330	469	.392	.120	.054	-.817
330	227	.454	.144	.906	.172	330	368	.369	.126	.009	-.899	330	501	.428	.149	.016	-1.173
330	228	.454	.144	.906	.172	330	369	.372	.124	.058	-.761	330	502	.428	.145	.001	-1.136
330	229	.454	.144	.906	.172	330	370	.390	.129	.045	-.809	330	503	.407	.130	.090	-1.060
330	230	.454	.144	.906	.172	330	371	.387	.128	.034	-.815	330	504	.404	.127	.120	-.877
330	231	.454	.144	.906	.172	330	372	.389	.124	.011	-.860	330	505	.433	.138	.150	-1.006
330	232	.454	.144	.906	.172	330	373	.388	.122	.020	-.829	330	506	.438	.139	.086	-.971
330	233	.454	.144	.906	.172	330	374	.400	.158	.114	-1.033	330	507	.414	.127	.011	-.926
330	234	.454	.144	.906	.172	330	375	.382	.119	.042	-.885	330	508	.412	.124	.001	-.889
330	235	.454	.144	.906	.172	330	376	.445	.172	.120	-1.154	330	509	.410	.123	.003	-.840
330	236	.454	.144	.906	.172	330	377	.422	.157	.116	-1.037	330	510	.399	.119	.011	-.805
330	237	.454	.144	.906	.172	330	378	.415	.139	.013	-.960	330	511	.399	.121	.079	-.822
330	238	.454	.144	.906	.172	330	379	.413	.124	.017	-.796	330	512	.399	.123	.055	-.796

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3330	913	3399	122	037	802	3330	907	236	136	755	277	340	133	055	169	609	563
3330	914	3397	122	036	803	3330	908	029	131	409	454	340	134	160	146	380	708
3330	915	3395	113	087	804	3330	909	016	109	415	393	340	135	421	120	052	878
3330	916	3392	107	054	737	3330	910	321	118	055	819	340	136	134	151	388	720
3330	917	3392	112	041	824	3340	1	646	191	077	1746	340	137	415	110	043	773
3330	918	3389	111	057	838	3340	2	573	148	087	1311	340	138	467	121	028	803
3330	919	3371	122	155	737	3340	3	531	122	110	1002	340	139	248	140	208	673
3330	920	3359	122	155	737	3340	4	549	136	086	1128	340	140	062	148	498	469
3330	921	3352	124	147	711	3340	5	584	192	040	1531	340	141	142	160	676	370
3330	922	3352	124	147	711	3340	6	584	173	046	1430	340	142	326	160	812	175
3330	923	3408	122	060	916	3340	7	584	159	036	1548	340	143	473	166	010	012
3330	924	3353	113	022	863	3340	8	513	181	167	1286	340	144	548	174	190	072
3330	925	3353	122	023	864	3340	9	546	178	272	1206	340	145	541	177	116	086
3330	926	3400	127	096	966	3340	10	604	169	043	1519	340	146	471	187	084	116
3330	927	3367	115	052	743	3340	11	511	184	258	1285	340	147	338	188	957	193
3330	928	3349	111	069	699	3340	12	556	175	095	1435	340	148	049	165	547	468
3330	929	3336	112	113	684	3340	13	535	184	088	1313	340	149	172	145	281	682
3330	930	3331	112	119	688	3340	14	449	167	283	1385	340	150	395	111	053	830
3330	931	3322	126	003	822	3340	101	494	126	067	997	340	151	261	145	271	746
3330	932	3366	114	037	814	3340	102	435	121	011	879	340	152	371	112	023	808
3330	933	3332	124	039	814	3340	103	332	125	107	805	340	153	341	123	074	807
3330	934	3356	124	039	814	3340	104	252	134	223	818	340	154	191	140	312	749
3330	935	3356	109	026	850	3340	105	168	133	503	626	340	155	028	148	610	552
3330	936	3354	109	026	850	3340	106	004	139	302	491	340	156	152	147	739	298
3330	937	3355	105	016	770	3340	107	089	144	639	459	340	157	282	137	746	266
3330	938	3313	106	047	672	3340	108	064	145	534	469	340	158	396	140	952	003
3330	939	3360	124	043	772	3340	109	093	156	751	487	340	159	466	153	996	003
3330	940	3320	113	088	693	3340	110	119	168	714	563	340	160	396	163	040	004
3330	941	3359	128	050	887	3340	111	078	175	632	616	340	161	398	169	991	107
3330	942	3350	121	062	844	3340	112	101	164	545	748	340	162	245	168	773	260
3330	943	3355	116	047	777	3340	113	353	141	147	815	340	163	071	151	402	521
3330	944	3344	110	044	747	3340	114	195	119	361	691	340	164	180	144	286	634
3330	945	3342	112	046	733	3340	115	263	136	341	732	340	165	360	116	043	750
3330	946	3334	113	053	733	3340	116	041	138	446	538	340	166	204	142	327	713
3330	947	3337	119	053	779	3340	117	158	154	652	333	340	167	351	117	003	814
3330	948	3337	118	088	759	3340	118	323	165	818	153	340	168	311	126	097	781
3330	949	3337	118	088	759	3340	119	434	184	003	092	340	169	127	134	358	633
3330	950	011	137	415	424	3340	120	458	185	033	060	340	170	007	138	306	550
3330	951	031	134	334	442	3340	121	512	165	014	019	340	171	128	139	605	609
3330	952	045	136	334	442	3340	122	402	114	099	814	340	172	240	133	720	284
3330	953	330	121	046	722	3340	123	327	122	008	763	340	173	367	141	861	019
3330	954	326	123	053	731	3340	124	227	138	236	709	340	174	366	144	884	042
3330	955	011	142	439	519	3340	125	019	138	523	556	340	175	340	148	937	095
3330	956	027	129	332	525	3340	126	167	144	593	404	340	176	205	159	748	337
3330	957	437	184	023	537	3340	127	330	158	804	305	340	177	053	156	664	525
3330	958	209	184	023	537	3340	128	444	172	958	045	340	178	193	135	386	708
3330	959	161	131	290	333	3340	129	489	180	046	097	340	179	275	126	332	753
3330	960	383	159	333	337	3340	130	504	196	100	109	340	180	361	139	065	984
3330	961	183	143	688	244	3340	131	500	201	090	174	340	181	308	122	052	734
3330	962	183	143	688	244	3340	132	404	199	102	320	340	182	357	136	154	947

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
340	183	173	130	340	676	340	324	377	121	041	063	340	426	451	136	008	909
340	184	069	119	414	365	340	325	387	124	037	253	340	427	436	124	002	910
340	185	136	127	594	276	340	326	406	124	025	013	340	428	444	124	149	325
340	186	237	128	684	216	340	327	417	129	029	930	340	429	434	125	107	325
340	187	065	112	456	269	340	328	414	132	048	043	340	430	424	117	048	343
340	188	187	122	609	200	340	329	366	118	024	929	340	431	417	112	028	349
340	189	106	123	519	427	340	330	403	131	035	137	340	432	396	105	061	349
340	190	265	118	707	096	340	331	363	123	018	754	340	433	389	106	031	349
340	191	350	124	811	041	340	332	375	109	042	922	340	434	393	110	017	349
340	192	382	136	892	069	340	333	383	111	011	988	340	435	404	112	014	355
340	193	388	138	875	009	340	334	397	118	035	133	340	436	420	116	010	358
340	194	354	137	900	040	340	335	402	122	008	049	340	437	444	136	068	337
340	195	216	138	754	184	340	336	441	160	007	309	340	438	412	116	002	355
340	196	052	129	309	991	340	337	395	134	038	222	340	439	440	142	079	359
340	197	128	111	238	228	340	338	439	161	020	388	340	440	416	133	074	130
340	198	250	109	123	033	340	339	405	141	027	155	340	441	402	119	037	067
340	199	019	104	376	298	340	340	405	133	023	380	340	442	386	111	018	746
340	200	269	152	831	242	340	341	425	147	042	351	340	443	374	110	033	728
340	201	201	126	780	194	340	342	457	172	073	740	340	444	361	115	105	255
340	202	328	107	731	034	340	343	369	122	019	906	340	445	368	114	026	388
340	203	393	114	798	059	340	344	350	148	410	093	340	446	383	118	006	366
340	204	420	123	879	067	340	345	396	149	013	117	340	447	431	130	052	366
340	205	416	148	048	001	340	346	397	156	013	370	340	448	415	135	005	266
340	206	391	147	953	013	340	347	428	194	027	950	340	449	398	120	046	380
340	207	259	154	826	224	340	348	342	143	263	834	340	450	405	132	010	766
340	208	023	161	626	559	340	401	440	138	062	944	340	451	381	138	078	323
340	209	033	128	479	309	340	402	430	140	039	057	340	452	374	123	043	784
340	210	451	116	065	800	340	403	427	140	113	004	340	453	355	110	017	700
340	211	451	120	064	819	340	404	447	140	110	947	340	454	341	106	016	709
340	212	457	135	019	246	340	405	453	137	030	995	340	455	340	107	030	725
340	213	428	144	133	184	340	406	439	142	050	972	340	456	359	126	071	956
340	214	428	140	128	064	340	407	415	138	026	067	340	457	394	137	016	917
340	215	431	146	125	880	340	408	413	143	073	926	340	458	417	145	033	054
340	216	415	119	073	840	340	409	419	146	058	983	340	459	412	143	022	011
340	217	413	116	001	834	340	410	480	146	004	037	340	460	384	127	029	827
340	218	425	123	022	202	340	411	495	153	035	030	340	461	391	138	038	555
340	219	429	124	010	045	340	412	495	130	079	962	340	462	372	136	052	555
340	220	425	124	015	917	340	413	482	130	082	923	340	463	354	130	045	333
340	221	432	126	052	159	340	414	465	128	091	887	340	464	320	112	069	333
340	222	394	107	030	787	340	415	435	125	047	861	340	465	302	103	045	339
340	223	418	122	054	051	340	416	423	141	116	866	340	466	309	109	072	333
340	224	388	108	033	769	340	417	428	139	020	926	340	467	326	110	030	811
340	225	378	127	025	834	340	418	415	136	035	863	340	468	356	121	026	846
340	226	399	130	004	859	340	419	393	130	091	795	340	469	318	122	061	822
340	227	403	132	004	809	340	420	403	111	021	787	340	501	435	142	026	113
340	228	411	137	001	068	340	421	399	111	018	816	340	502	430	138	038	074
340	229	430	128	058	322	340	422	411	116	018	835	340	503	426	128	062	255
340	230	386	112	066	338	340	423	408	116	039	833	340	504	423	122	016	240
340	231	424	130	052	349	340	424	432	129	081	913	340	505	439	135	035	255
340	232	381	116	053	342	340	425	433	126	078	901	340	506	458	139	045	300

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPHEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPHEAN	CPRMS	CPMAX	CPHIN
340	507	437	136	000	001	340	901	480	191	153	092	350	127	420	171	096	098
340	508	429	131	022	968	340	902	324	160	847	175	350	128	486	176	043	040
340	509	428	130	025	865	340	903	016	135	598	535	350	129	484	174	073	076
340	510	420	128	025	842	340	904	392	138	028	092	350	130	487	176	029	074
340	511	418	111	046	826	340	905	116	143	614	387	350	131	394	181	961	211
340	512	429	115	023	821	340	906	387	148	130	084	350	132	244	171	834	352
340	513	420	111	057	874	340	907	303	121	793	108	350	133	090	149	560	737
340	514	419	111	040	830	340	908	047	111	414	340	350	134	250	128	254	755
340	515	427	105	090	834	340	909	037	114	399	457	350	135	463	118	044	785
340	516	428	108	082	859	340	910	422	132	019	947	350	136	242	131	330	733
340	517	426	107	085	861	350	1	616	206	102	568	350	137	394	114	026	767
340	518	431	107	085	861	350	2	336	157	089	180	350	138	317	123	145	717
340	519	426	119	007	862	350	3	493	128	149	023	350	139	106	139	332	660
340	520	406	115	048	746	350	4	510	133	127	043	350	140	107	148	761	699
340	521	399	114	036	752	350	5	533	176	121	496	350	141	314	157	068	555
340	522	392	113	038	746	350	6	556	182	038	485	350	142	471	164	041	466
340	523	449	114	093	924	350	7	553	159	110	473	350	143	338	179	157	607
340	524	393	106	066	806	350	8	524	177	076	269	350	144	553	186	165	021
340	525	443	117	085	851	350	9	528	169	056	378	350	145	310	177	133	200
340	526	444	134	058	154	350	10	553	174	084	376	350	146	398	179	995	688
340	527	452	130	007	878	350	11	466	178	103	565	350	147	207	174	798	699
340	528	420	121	013	873	350	12	509	174	047	465	350	148	082	151	599	699
340	529	407	120	024	793	350	13	478	173	132	190	350	149	258	132	250	933
340	530	398	119	006	823	350	14	439	155	165	189	350	150	364	138	015	897
340	531	444	133	069	013	350	101	461	120	063	229	350	151	273	130	156	712
340	532	381	117	083	767	350	102	364	115	011	835	350	152	770	129	007	819
340	533	440	136	062	040	350	103	230	123	175	737	350	153	333	133	233	816
340	534	433	135	064	969	350	104	133	134	304	717	350	154	373	147	488	921
340	535	415	128	055	015	350	105	006	154	561	578	350	155	098	145	606	666
340	536	391	126	089	295	350	106	089	158	678	469	350	156	269	159	253	201
340	537	380	124	066	949	350	107	126	165	733	436	350	157	390	163	061	333
340	538	371	123	070	915	350	108	068	156	757	463	350	158	457	169	096	444
340	539	431	137	066	023	350	109	080	153	625	496	350	159	451	168	061	444
340	540	388	118	022	847	350	110	065	159	644	556	350	160	431	168	158	455
340	541	421	126	048	552	350	111	011	158	580	607	350	161	299	165	875	272
340	542	410	128	015	852	350	112	213	148	278	766	350	162	140	152	699	950
340	543	423	142	022	338	350	113	409	137	047	904	350	163	171	132	609	333
340	544	405	130	038	333	350	114	080	127	463	499	350	164	253	135	244	577
340	545	403	129	017	943	350	115	098	147	464	685	350	165	333	133	074	888
340	546	402	131	029	937	350	116	133	153	730	350	166	333	127	129	209	727
340	547	422	124	057	355	350	117	302	156	000	210	350	167	333	125	084	666
340	548	423	124	056	363	350	118	433	168	047	124	350	168	333	145	167	666
340	549	083	127	474	338	350	119	493	181	1061	123	350	169	333	155	460	666
340	550	041	122	432	433	350	120	468	181	119	118	350	170	133	145	647	666
340	551	031	126	487	414	350	121	503	196	101	103	350	171	252	140	793	666
340	552	407	118	008	851	350	122	372	116	006	752	350	172	333	138	935	666
340	553	402	119	007	862	350	123	258	124	248	647	350	173	333	133	917	666
340	554	097	142	563	396	350	124	090	145	525	504	350	174	333	131	890	666
340	555	074	114	492	339	350	125	127	152	701	351	350	175	329	133	841	666
340	556	064	119	505	78	350	126	305	160	940	186	350	176	267	141	686	666



APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
33500	177	.063	.158	.611	-.482	33500	318	-.423	.116	.055	-.881	350	420	-.398	.113	.042	-.761
33500	178	-.182	.130	.250	-.664	33500	319	-.429	.120	.037	-1.021	350	421	-.393	.114	.017	-.787
33500	179	-.271	.122	.102	-.751	33500	320	-.438	.140	-.002	-1.136	350	422	-.410	.119	.026	-.827
33500	180	-.363	.139	.106	-.971	33500	321	-.391	.122	-.007	-.948	350	423	-.412	.118	-.050	-.786
33500	181	-.302	.118	.106	-.709	33500	322	-.438	.141	-.023	-1.196	350	424	-.432	.119	-.033	-.881
33500	182	-.348	.130	.060	-.887	33500	323	-.384	.125	.020	-.938	350	425	-.433	.118	-.034	-.866
33500	183	-.183	.120	.186	-.694	33500	324	-.379	.130	.011	-1.022	350	426	-.422	.122	-.039	-.919
33500	184	.053	.111	.418	-.366	33500	325	-.389	.133	-.016	-1.053	350	427	-.435	.120	-.066	-.911
33500	185	.126	.132	.723	-.283	33500	326	-.413	.134	-.017	-1.278	350	428	-.418	.130	.045	-.940
33500	186	.241	.135	.838	-.180	33500	327	-.418	.139	-.014	-1.007	350	429	-.405	.124	.036	-.926
33500	187	.069	.108	.472	-.298	33500	328	-.444	.139	-.011	-1.066	350	430	-.394	.122	.039	-.814
33500	188	.194	.127	.725	-.215	33500	329	-.392	.120	.031	-.815	350	431	-.386	.120	.011	-.743
33500	189	.088	.113	.410	-.537	33500	330	-.439	.139	-.023	-1.382	350	432	-.387	.114	-.037	-.742
33500	190	.246	.111	.659	-.111	33500	331	-.390	.123	.019	-1.005	350	433	-.391	.112	.003	-.758
33500	191	.329	.122	.868	-.064	33500	332	-.374	.114	.022	-.840	350	434	-.408	.114	.053	-.752
33500	192	.375	.134	.849	-.076	33500	333	-.401	.118	.031	-1.022	350	435	-.423	.117	.068	-.800
33500	193	.376	.130	.795	-.007	33500	334	-.410	.123	.010	-.894	350	436	-.451	.122	.071	-.863
33500	194	.349	.130	.840	-.029	33500	335	-.425	.135	-.009	-.958	350	437	-.421	.121	-.037	-.804
33500	195	.217	.136	.611	-.200	33500	336	-.410	.135	-.029	-1.129	350	438	-.447	.124	-.066	-.847
33500	196	.061	.130	.453	-.326	33500	337	-.377	.119	.023	-.851	350	439	-.416	.124	.081	-.835
33500	197	-.138	.121	.268	-.676	33500	338	-.418	.137	-.023	-1.208	350	440	-.401	.116	.029	-.915
33500	198	-.253	.117	.130	-.893	33500	339	-.394	.127	-.006	-.907	350	441	-.382	.111	.011	-.897
33500	199	.021	.115	.455	-.379	33500	340	-.376	.123	-.014	-.834	350	442	-.370	.109	.036	-.819
33500	200	.288	.156	1.092	-.151	33500	341	-.379	.130	-.030	-1.234	350	443	-.367	.105	.070	-.780
33500	201	.173	.144	.715	-.265	33500	342	-.393	.148	-.021	-1.601	350	444	-.376	.110	.048	-.914
33500	202	.366	.123	.751	-.111	33500	343	-.363	.121	.003	-.911	350	445	-.392	.113	.046	-.857
33500	203	.381	.132	.901	-.052	33500	344	-.364	.123	.013	-.946	350	446	-.413	.119	.004	-1.069
33500	204	.417	.138	.989	-.003	33500	345	-.370	.122	.052	-.938	350	447	-.446	.152	.049	-1.000
33500	205	.429	.154	1.071	-.127	33500	346	-.370	.125	.053	-.995	350	448	-.401	.122	.020	-.820
33500	206	.407	.153	.924	-.111	33500	347	-.378	.139	.024	-1.442	350	449	-.436	.126	.070	-1.203
33500	207	.289	.148	.843	-.143	33500	348	-.354	.130	.158	-.990	350	450	-.384	.125	.034	-.925
33500	208	.062	.151	.665	-.370	33500	401	-.418	.148	.037	-.894	350	451	-.350	.139	.120	-.733
33500	209	.042	.122	.449	-.384	33500	402	-.411	.134	.018	-.873	350	452	-.362	.116	.030	-.763
33500	210	-.453	.118	-.090	-.890	33500	403	-.410	.135	.054	-.832	350	453	-.343	.111	.025	-.772
33500	301	-.458	.123	-.066	-1.035	33500	404	-.463	.139	.026	-.904	350	454	-.353	.112	.072	-.779
33500	302	-.463	.140	-.045	-1.175	33500	405	-.460	.136	.014	-.888	350	455	-.370	.117	.078	-.973
33500	303	-.443	.145	.001	-1.376	33500	406	-.451	.139	.034	-.928	350	456	-.424	.132	.021	-.964
33500	304	-.432	.142	.109	-1.292	33500	407	-.439	.135	-.053	-.991	350	457	-.476	.153	.060	-1.495
33500	305	-.442	.146	.062	-1.233	33500	408	-.421	.135	.012	-.983	350	458	-.507	.162	.058	-1.457
33500	306	-.443	.116	.052	-.855	33500	409	-.424	.138	-.009	-.960	350	459	-.399	.124	.019	-1.073
33500	307	-.447	.116	.066	-.869	33500	410	-.484	.138	.073	-.908	350	460	-.430	.134	.011	-.976
33500	308	-.455	.125	.007	-.923	33500	411	-.488	.141	-.067	-1.041	350	461	-.376	.124	.026	-.907
33500	309	-.462	.128	.055	-.938	33500	412	-.511	.132	-.102	-1.017	350	462	-.361	.121	.015	-.817
33500	310	-.454	.129	.144	-.908	33500	413	-.486	.128	.054	-.953	350	463	-.346	.115	.029	-.759
33500	311	-.454	.139	.071	-1.026	33500	414	-.477	.127	-.063	-.958	350	464	-.339	.125	.077	-.914
33500	312	-.417	.118	-.050	-.816	33500	415	-.456	.124	.107	-.872	350	465	-.340	.122	.078	-.912
33500	313	-.444	.132	.087	-1.195	33500	416	-.453	.120	.012	-.868	350	466	-.353	.126	.111	-.917
33500	314	-.407	.117	.040	-.794	33500	417	-.428	.118	-.045	-.971	350	467	-.377	.129	.140	-.926
33500	315	-.397	.111	.064	-.841	33500	418	-.419	.117	-.036	-.984	350	468	-.401	.129	.019	-1.052
33500	316	-.408	.116	.068	-1.077	33500	419	-.398	.114	-.027	-.913	350	469	-.340	.131	.139	-.851

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3500	501	-.494	.154	-.015	-1.123	3500	523	-.462	.124	-.076	-1.050	3500	545	-.488	.155	.029	-1.017
3500	502	-.494	.148	-.050	-1.056	3500	524	-.412	.105	-.045	-1.782	3500	546	-.495	.157	.019	-1.066
3500	503	-.475	.150	-.003	-1.308	3500	525	-.466	.129	-.092	-1.138	3500	547	-.498	.148	-.042	-1.025
3500	504	-.477	.143	-.034	-1.027	3500	526	-.454	.155	-.046	-1.114	3500	548	-.507	.146	-.045	-1.041
3500	505	-.499	.145	.024	-1.045	3500	527	-.465	.131	-.004	-1.155	3500	549	-.199	.115	.631	-1.196
3500	506	-.499	.144	.022	-1.067	3500	528	-.438	.127	.037	-1.286	3500	550	.108	.127	.530	-1.427
3500	507	-.483	.139	.035	-.980	3500	529	-.416	.121	.047	-.908	3500	551	.131	.115	.515	-1.270
3500	508	-.483	.133	-.003	-.943	3500	530	-.414	.121	-.059	-.891	3500	552	-.489	.149	-.028	-1.102
3500	509	-.476	.131	-.034	-.916	3500	531	-.486	.148	-.019	-1.274	3500	553	-.458	.144	-.022	-.992
3500	510	-.470	.130	-.055	-.949	3500	532	-.431	.129	-.040	-1.149	3500	554	.239	.129	.772	-1.199
3500	511	-.471	.113	-.127	-.847	3500	533	-.485	.155	.046	-1.104	3500	555	.131	.117	.551	-1.271
3500	512	-.495	.118	-.117	-.910	3500	534	-.487	.150	.062	-1.142	3500	556	.115	.123	.578	-1.301
3500	513	-.473	.113	-.109	-.902	3500	535	-.472	.143	.045	-1.175	3500	901	.462	.190	1.038	-1.157
3500	514	-.473	.112	-.114	-.862	3500	536	-.456	.141	-.033	-1.227	3500	902	.397	.174	1.052	-1.197
3500	515	-.453	.136	.016	-1.174	3500	537	-.436	.135	-.012	-1.108	3500	903	.129	.157	.693	-1.392
3500	516	-.425	.125	-.084	-.810	3500	538	-.432	.134	-.017	-1.041	3500	904	-.358	.131	.003	-.972
3500	517	-.459	.139	-.020	-1.106	3500	539	-.470	.151	-.021	-1.252	3500	905	.013	.149	.593	-1.412
3500	518	-.461	.137	-.021	-1.081	3500	540	-.429	.133	-.060	-1.273	3500	906	.360	.157	1.007	-1.072
3500	519	-.471	.122	.009	-.869	3500	541	-.431	.144	.001	-1.133	3500	907	.371	.132	.826	-1.014
3500	520	-.450	.119	.023	-.810	3500	542	-.435	.136	-.023	-1.139	3500	908	.130	.109	.526	-1.193
3500	521	-.436	.119	.047	-.792	3500	543	-.521	.174	.012	-1.276	3500	909	-.082	.121	.552	-1.338
3500	522	-.434	.119	.057	-.786	3500	544	-.499	.156	.025	-1.102	3500	910	-.469	.145	.012	-1.059

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	171	.171	.058	-1.349		0	137	.289	.104	.069	-.615	0	187	.046	.114	.448	.333
0	172	.142	.016	-1.050		0	138	.257	.110	.171	-.619	0	188	.142	.128	.603	.257
0	173	.333	.009	-.921		0	139	.086	.129	.457	-.534	0	189	.047	.126	.471	.365
0	174	.333	.032	-.914		0	140	.124	.148	.709	-.429	0	190	.223	.137	.677	.161
0	175	.333	.056	-.503		0	141	.333	.150	.865	-.114	0	191	.333	.144	.824	.052
0	176	.424	.093	-1.230		0	142	.490	.153	.968	-.021	0	192	.388	.146	.854	.030
0	177	.418	.099	-1.181		0	143	.554	.155	1.050	-.068	0	193	.400	.143	.927	.014
0	178	.408	.174	-1.319		0	144	.546	.152	1.008	-.067	0	194	.366	.140	.893	.060
0	179	.400	.065	-1.114		0	145	.495	.167	1.011	-.036	0	195	.222	.135	.685	.240
0	180	.400	.103	-1.276		0	146	.336	.162	.876	-.204	0	196	.222	.123	.685	.341
0	181	.359	.193	-1.286		0	147	.151	.148	.699	-.321	0	197	.200	.107	.278	.488
0	182	.359	.157	-1.091		0	148	.099	.123	.323	-.507	0	198	.200	.104	.180	.608
0	183	.336	.278	-1.101		0	149	.211	.110	.190	-.688	0	199	.200	.108	.420	.362
0	184	.336	.202	-1.236		0	150	.267	.104	.073	-.796	0	200	.254	.173	.648	.290
0	185	.336	.058	-.761		0	151	.212	.109	.176	-.651	0	201	.153	.146	.734	.293
0	186	.336	.099	-.718		0	152	.267	.106	.074	-.750	0	202	.200	.133	.536	.111
0	187	.336	.278	-.560		0	153	.255	.111	.138	-.677	0	203	.379	.142	.863	.010
0	188	.336	.278	-.455		0	154	.096	.123	.405	-.543	0	204	.379	.144	.955	.030
0	189	.336	.423	-.390		0	155	.079	.138	.564	-.369	0	205	.423	.150	.994	.009
0	190	.336	.660	-.245		0	156	.263	.131	.781	-.298	0	206	.339	.148	.101	.046
0	191	.336	.703	-.334		0	157	.384	.137	.938	-.101	0	207	.200	.144	.791	.191
0	192	.336	.741	-.434		0	158	.449	.135	.960	-.036	0	208	.200	.143	.512	.478
0	193	.336	.701	-.434		0	159	.448	.134	.930	-.046	0	209	.200	.124	.400	.600
0	194	.336	.680	-.408		0	160	.423	.133	.944	-.042	0	301	.301	.111	.010	.882
0	195	.336	.455	-.539		0	161	.284	.162	.860	-.204	0	302	.336	.115	.010	.882
0	196	.336	.269	-.685		0	162	.126	.144	.571	-.332	0	303	.336	.123	.044	.882
0	197	.336	.003	-.731		0	163	.128	.116	.274	-.511	0	304	.336	.133	.099	.948
0	198	.336	.361	-.464		0	164	.191	.110	.207	-.583	0	305	.336	.132	.088	.919
0	199	.336	.438	-.523		0	165	.283	.114	.026	-.686	0	306	.336	.136	.095	.919
0	200	.336	.774	-.294		0	166	.196	.114	.213	-.587	0	307	.336	.117	.071	.806
0	201	.336	.948	-.059		0	167	.289	.113	.029	-.698	0	308	.336	.116	.001	.745
0	202	.336	.018	-.078		0	168	.273	.117	.062	-.672	0	309	.336	.118	.013	.887
0	203	.336	.141	-.049		0	169	.106	.120	.335	-.543	0	310	.336	.121	.000	.787
0	204	.336	.185	-.049		0	170	.052	.124	.547	-.415	0	311	.336	.123	.028	.794
0	205	.336	.017	-.029		0	171	.201	.127	.660	-.210	0	312	.336	.119	.025	.885
0	206	.336	.084	-.597		0	172	.303	.128	.805	-.083	0	313	.336	.104	.005	.885
0	207	.336	.233	-.526		0	173	.375	.133	.833	-.108	0	314	.336	.111	.012	.885
0	208	.336	.448	-.427		0	174	.383	.149	.825	-.081	0	315	.336	.104	.014	.672
0	209	.336	.728	-.351		0	175	.360	.152	.880	-.124	0	316	.336	.114	.010	.710
0	210	.336	.935	-.145		0	176	.225	.152	.925	-.221	0	317	.336	.116	.003	.771
0	211	.336	.068	-.088		0	177	.030	.146	.505	-.428	0	318	.336	.117	.004	.846
0	212	.336	.093	-.007		0	178	.188	.126	.214	-.628	0	319	.336	.119	.004	.791
0	213	.336	.011	-.118		0	179	.250	.120	.153	-.717	0	320	.336	.117	.029	.805
0	214	.336	.034	-.072		0	180	.319	.111	.036	-.709	0	321	.336	.111	.062	.695
0	215	.336	.952	-.105		0	181	.249	.118	.157	-.758	0	322	.336	.117	.022	.757
0	216	.336	.159	-.339		0	182	.285	.120	.096	-.766	0	323	.336	.113	.012	.893
0	217	.336	.318	-.539		0	183	.184	.116	.192	-.647	0	324	.336	.117	.064	.676
0	218	.336	.135	-.574		0	184	.011	.118	.365	-.390	0	325	.336	.117	.074	.679
0	219	.336	.029	-.634		0	185	.064	.126	.587	-.301	0	326	.336	.121	.028	.747
0	220	.336	.118	-.595		0	186	.183	.131	.672	-.189	0	327	.336	.124	.015	.977

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
00	3328	.317	.126	.133	-1.049	00	430	-.308	.113	.068	-.701	00	511	-.284	.113	.101	-.736
00	3329	.278	.117	.158	-.722	00	431	-.303	.113	.068	-.705	00	512	-.300	.115	.096	-.766
00	3330	.313	.126	.160	-1.068	00	432	-.291	.099	.033	-.643	00	513	-.282	.113	.107	-.702
00	3331	.274	.113	.166	-.821	00	433	-.288	.099	.047	-.647	00	514	-.283	.113	.084	-.703
00	3332	.294	.117	.166	-.749	00	434	-.299	.104	.041	-.657	00	515	-.306	.107	.032	-.718
00	3333	.310	.116	.096	-.793	00	435	-.309	.107	.030	-.668	00	516	-.281	.104	.036	-.622
00	3334	.318	.122	.054	-.848	00	436	-.294	.118	.089	-.751	00	517	-.306	.106	.029	-.697
00	3335	.322	.124	.045	-1.009	00	437	-.295	.117	.081	-.773	00	518	-.303	.106	.026	-.684
00	3336	.310	.128	.164	-.896	00	438	-.290	.117	.067	-.764	00	519	-.303	.115	.055	-.707
00	3337	.276	.116	.169	-.710	00	439	-.293	.120	.112	-.787	00	520	-.291	.113	.141	-.644
00	3338	.307	.127	.173	-.909	00	440	-.300	.106	.038	-.658	00	521	-.290	.113	.136	-.618
00	3339	.290	.120	.141	-.728	00	441	-.282	.103	.055	-.643	00	522	-.277	.113	.134	-.615
00	3340	.282	.111	.058	-.622	00	442	-.267	.104	.097	-.660	00	523	-.338	.112	.034	-.699
00	3341	.286	.112	.050	-.635	00	443	-.261	.103	.046	-.649	00	524	-.274	.106	.131	-.649
00	3342	.289	.117	.058	-.724	00	444	-.294	.111	.157	-.620	00	525	-.314	.112	.037	-.708
00	3343	.278	.112	.073	-.653	00	445	-.305	.114	.112	-.696	00	526	-.319	.116	.066	-.677
00	3344	.299	.108	.048	-.671	00	446	-.322	.119	.137	-.709	00	527	-.308	.115	.077	-.676
00	3345	.293	.107	.064	-.759	00	447	-.310	.115	.018	-.658	00	528	-.284	.110	.088	-.614
00	3346	.293	.109	.066	-.804	00	448	-.303	.105	.103	-.703	00	529	-.267	.110	.068	-.633
00	3347	.293	.109	.053	-.761	00	449	-.297	.107	.089	-.691	00	530	-.263	.111	.070	-.615
00	3348	.323	.116	.018	-.751	00	450	-.293	.106	.097	-.693	00	531	-.305	.121	.141	-.770
00	3349	.323	.122	.040	-.783	00	451	-.277	.121	.136	-.715	00	532	-.298	.115	.131	-.637
00	3350	.326	.123	.077	-.823	00	452	-.282	.119	.145	-.680	00	533	-.299	.120	.139	-.770
00	3351	.349	.130	.126	-.804	00	453	-.243	.120	.131	-.661	00	534	-.299	.121	.141	-.777
00	3352	.343	.128	.135	-.757	00	454	-.248	.120	.143	-.685	00	535	-.293	.116	.043	-.786
00	3353	.334	.133	.203	-.766	00	455	-.264	.113	.109	-.691	00	536	-.293	.112	.078	-.783
00	3354	.321	.131	.166	-.866	00	456	-.281	.113	.084	-.702	00	537	-.279	.113	.081	-.740
00	3355	.298	.124	.137	-.734	00	457	-.304	.116	.097	-.738	00	538	-.297	.112	.077	-.742
00	3356	.303	.127	.115	-.980	00	458	-.302	.120	.080	-.727	00	539	-.297	.112	.155	-.655
00	3357	.376	.122	.054	-.771	00	459	-.294	.108	.041	-.843	00	540	-.278	.108	.159	-.664
00	3358	.383	.122	.001	-.839	00	460	-.294	.108	.041	-.843	00	541	-.304	.120	.166	-.775
00	3359	.389	.125	.040	-.767	00	461	-.278	.107	.034	-.800	00	542	-.296	.115	.161	-.705
00	3360	.366	.124	.079	-.774	00	462	-.268	.105	.033	-.693	00	543	-.302	.114	.076	-.790
00	3361	.344	.119	.108	-.729	00	463	-.243	.098	.066	-.630	00	544	-.300	.111	.054	-.787
00	3362	.333	.114	.088	-.743	00	464	-.243	.111	.090	-.636	00	545	-.296	.113	.078	-.803
00	3363	.322	.111	.036	-.704	00	465	-.231	.109	.152	-.619	00	546	-.295	.114	.085	-.787
00	3364	.322	.108	.061	-.706	00	466	-.234	.111	.216	-.615	00	547	-.308	.118	.042	-.709
00	3365	.320	.107	.064	-.692	00	467	-.253	.110	.163	-.640	00	548	-.311	.117	.030	-.714
00	3366	.303	.105	.038	-.663	00	468	-.267	.104	.042	-.648	00	549	-.332	.128	.035	-.269
00	3367	.301	.117	.093	-.754	00	469	-.271	.104	.030	-.673	00	550	-.303	.129	.502	-.406
00	3368	.291	.117	.091	-.719	00	501	-.315	.129	.116	-.838	00	551	-.305	.109	.054	-.729
00	3369	.304	.120	.110	-.764	00	502	-.318	.123	.103	-.822	00	552	-.292	.111	.071	-.735
00	3370	.305	.121	.103	-.759	00	503	-.316	.119	.040	-.941	00	553	-.293	.111	.071	-.735
00	3371	.300	.132	.132	-.763	00	504	-.316	.119	.051	-.760	00	554	-.294	.141	.602	-.382
00	3372	.303	.131	.111	-.753	00	505	-.350	.131	.101	-.854	00	555	-.299	.123	.591	-.389
00	3373	.303	.135	.128	-.755	00	506	-.349	.130	.111	-.967	00	556	-.300	.128	.695	-.378
00	3374	.303	.131	.139	-.759	00	507	-.293	.124	.244	-.936	00	901	-.471	.173	.965	-.071
00	3375	.323	.116	.015	-.712	00	508	-.289	.120	.240	-.890	00	902	-.477	.178	.992	-.043
00	3376	.313	.113	.017	-.696	00	509	-.286	.119	.234	-.816	00	903	-.214	.166	.749	-.502
00	3377	.313	.113	.017	-.696	00	510	-.279	.118	.246	-.746	00	904	-.275	.116	.112	-.671

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
00	905	.070	.125	.529	-.292	10	131	.218	.143	.681	-.327	10	181	-.259	.110	.073	-.622
00	906	.417	.136	1.029	-.023	10	132	-.038	.130	.527	-.469	10	182	-.239	.123	.180	-.761
00	907	.379	.139	.977	-.038	10	133	-.188	.110	.225	-.591	10	183	-.110	.120	.380	-.507
00	908	.063	.117	.432	-.328	10	134	-.268	.102	.081	-.603	10	184	.091	.121	.641	-.411
00	909	.020	.116	.427	-.342	10	135	-.240	.106	.099	-.584	10	185	.147	.124	.632	-.212
00	910	.317	.119	1.02	-.729	10	136	-.253	.103	.101	-.632	10	186	.268	.127	.693	-.103
10	1	-.447	.174	-.043	-1.319	10	137	-.252	.101	.043	-.589	10	187	.083	.107	.476	-.264
10	2	-.386	.132	-.001	-.960	10	138	-.179	.110	.177	-.548	10	188	.208	.120	.665	-.126
10	3	-.379	.132	-.003	-.950	10	139	.064	.136	.535	-.418	10	189	.098	.129	.735	-.413
10	4	-.385	.134	-.018	-.929	10	140	.291	.156	.833	-.231	10	190	.307	.116	.847	-.047
10	5	-.426	.171	.010	-1.740	10	141	.429	.162	.970	-.039	10	191	.385	.117	.871	-.019
10	6	-.398	.165	.159	-1.251	10	142	.503	.160	1.089	.093	10	192	.392	.117	.843	-.028
10	7	-.423	.156	-.011	-1.300	10	143	.495	.164	1.074	.063	10	193	.359	.134	.911	-.063
10	8	-.433	.178	.145	-1.114	10	144	.460	.160	.991	.018	10	194	.314	.132	.944	-.107
10	9	-.411	.157	.081	-1.256	10	145	.406	.161	.932	-.090	10	195	.134	.139	.642	-.251
10	10	-.400	.162	.089	-1.284	10	146	.180	.153	.737	-.340	10	196	-.024	.133	.460	-.425
10	11	-.351	.174	.194	-1.353	10	147	-.001	.143	.589	-.587	10	197	-.148	.100	.267	-.454
10	12	-.370	.177	.220	-1.342	10	148	-.192	.127	.318	-.716	10	198	-.225	.098	.112	-.573
10	13	-.352	.172	.184	-1.221	10	149	-.247	.100	.065	-.613	10	199	.075	.107	.426	-.280
10	14	-.347	.161	.187	-1.035	10	150	-.233	.101	.072	-.571	10	200	.353	.151	.886	-.053
10	101	-.292	.117	.117	-.784	10	151	-.250	.097	.045	-.635	10	201	.244	.149	.791	-.179
10	102	-.179	.120	.246	-.680	10	152	-.242	.103	.079	-.595	10	202	.350	.125	.781	-.004
10	103	-.020	.137	.529	-.555	10	153	-.181	.119	.216	-.627	10	203	.405	.128	.842	-.004
10	104	.087	.149	.697	-.466	10	154	.042	.142	.518	-.445	10	204	.403	.129	.884	-.030
10	105	.206	.154	.743	-.259	10	155	.238	.158	.784	-.266	10	205	.376	.144	.917	-.031
10	106	.231	.150	.833	-.246	10	156	.395	.163	.967	-.117	10	206	.347	.139	.931	-.043
10	107	.188	.147	.871	-.386	10	157	.438	.162	1.045	-.017	10	207	.170	.138	.742	-.242
10	108	.105	.132	.605	-.434	10	158	.435	.154	.986	-.009	10	208	-.082	.141	.577	-.623
10	109	.108	.143	.648	-.361	10	159	.405	.147	.956	-.005	10	209	-.014	.123	.417	-.370
10	110	.024	.135	.532	-.394	10	160	.364	.142	.869	-.077	10	301	-.313	.119	.076	-.719
10	111	.083	.136	.476	-.480	10	161	.159	.139	.606	-.289	10	302	-.315	.122	.076	-.750
10	112	.253	.126	.246	-.595	10	162	-.023	.120	.412	-.448	10	303	-.315	.128	.088	-.803
10	113	.347	.107	-.002	-.731	10	163	-.221	.100	.140	-.608	10	304	-.312	.126	.161	-.890
10	114	.094	.130	.546	-.338	10	164	-.256	.097	.066	-.626	10	305	-.316	.126	.154	-.959
10	115	.121	.148	.585	-.411	10	165	-.256	.111	.186	-.657	10	306	-.316	.127	.137	-.761
10	116	.343	.167	.891	-.146	10	166	-.252	.106	.140	-.675	10	307	-.295	.111	.082	-.635
10	117	.491	.179	1.050	-.028	10	167	-.271	.109	.135	-.672	10	308	-.274	.117	.114	-.642
10	118	.531	.172	1.144	.014	10	168	-.224	.113	.174	-.636	10	309	-.285	.118	.095	-.643
10	119	.499	.170	1.118	-.048	10	169	-.002	.127	.527	-.477	10	310	-.303	.121	.152	-.652
10	120	.452	.166	1.061	-.115	10	170	-.169	.132	.673	-.315	10	311	-.293	.120	.161	-.655
10	121	.421	.160	1.032	-.087	10	171	-.314	.134	.769	-.084	10	312	-.344	.119	.032	-.756
10	122	.210	.108	.177	-.587	10	172	.387	.133	.805	-.013	10	313	-.310	.109	.071	-.677
10	123	.077	.125	.350	-.452	10	173	.362	.130	.834	-.059	10	314	-.332	.112	.020	-.693
10	124	.119	.153	.639	-.349	10	174	.334	.123	.821	-.065	10	315	-.298	.108	.087	-.681
10	125	.350	.161	.873	-.159	10	175	.293	.121	.748	-.098	10	316	-.280	.104	.087	-.585
10	126	.483	.169	1.182	-.067	10	176	.097	.123	.596	-.286	10	317	-.293	.104	.078	-.585
10	127	.527	.175	1.176	-.065	10	177	-.102	.132	.337	-.597	10	318	-.307	.105	.065	-.616
10	128	.497	.173	1.024	-.099	10	178	-.257	.118	.149	-.635	10	319	-.312	.106	.074	-.688
10	129	.450	.154	.944	-.016	10	179	-.289	.116	.122	-.673	10	320	-.313	.109	.034	-.663
10	130	.414	.150	.927	-.069	10	180	-.297	.123	.131	-.695	10	321	-.270	.109	.087	-.654

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	3222	314	109	038	660	10	424	321	114	176	676	10	505	314	140	050	086
10	3223	326	110	101	633	10	425	333	114	172	698	10	506	326	134	052	089
10	3224	327	118	088	669	10	426	309	112	114	661	10	507	327	119	096	093
10	3225	328	118	063	876	10	427	332	115	161	721	10	508	328	113	090	113
10	3226	307	119	041	781	10	428	296	109	099	652	10	509	307	111	081	092
10	3227	313	126	037	829	10	429	299	107	080	669	10	510	313	111	107	099
10	3228	311	107	062	853	10	430	285	107	091	642	10	511	311	117	089	099
10	3229	311	107	078	604	10	431	282	105	091	616	10	512	311	120	078	099
10	3230	311	111	074	732	10	432	283	101	083	600	10	513	311	118	124	099
10	3231	311	108	065	611	10	433	303	100	049	620	10	514	311	117	104	099
10	3232	329	104	098	644	10	434	312	103	057	652	10	515	329	108	028	099
10	3233	305	104	077	644	10	435	319	105	081	666	10	516	305	102	040	099
10	3234	312	105	071	673	10	436	305	124	049	707	10	517	312	108	017	099
10	3235	316	104	086	654	10	437	325	117	081	730	10	518	316	107	024	099
10	3236	311	111	046	700	10	438	333	124	023	733	10	519	311	124	147	099
10	3237	320	103	076	699	10	439	293	120	106	743	10	520	320	121	159	099
10	3238	305	112	040	512	10	440	269	114	178	628	10	521	305	121	185	099
10	3239	325	108	033	838	10	441	266	111	181	695	10	522	325	122	190	099
10	3240	325	116	119	743	10	442	253	111	146	690	10	523	325	113	014	099
10	3241	324	114	119	795	10	443	254	109	131	615	10	524	324	105	094	099
10	3242	323	113	120	700	10	444	270	112	046	694	10	525	323	116	001	099
10	3243	329	114	117	719	10	445	327	114	075	726	10	526	329	124	052	099
10	3244	304	107	047	800	10	446	309	117	024	768	10	527	304	120	064	099
10	3245	328	107	041	716	10	447	332	120	039	729	10	528	328	115	079	099
10	3246	303	108	047	702	10	448	322	114	066	700	10	529	303	113	138	099
10	3247	326	106	052	622	10	449	329	121	029	735	10	530	326	114	137	099
10	3248	328	112	124	666	10	450	284	115	102	697	10	531	328	117	066	099
10	3249	327	121	072	744	10	451	275	113	197	693	10	532	327	111	157	099
10	3250	321	127	086	753	10	452	261	101	114	630	10	533	321	119	120	099
10	3251	323	129	122	781	10	453	257	096	071	613	10	534	323	118	113	099
10	3252	334	122	050	739	10	454	258	100	055	677	10	535	334	109	078	099
10	3253	330	129	122	781	10	455	277	105	052	645	10	536	330	108	039	099
10	3254	330	119	118	722	10	456	286	116	151	678	10	537	330	107	089	099
10	3255	322	121	119	769	10	457	321	118	075	730	10	538	322	124	025	099
10	3256	317	121	088	844	10	458	334	124	116	736	10	539	317	108	040	099
10	3257	319	135	215	956	10	459	325	113	101	686	10	540	319	125	027	099
10	3258	330	129	021	810	10	460	315	113	003	798	10	541	330	120	010	099
10	3259	338	129	001	892	10	461	289	106	054	653	10	542	338	131	095	099
10	3260	327	129	037	845	10	462	277	105	076	653	10	543	327	121	111	099
10	3261	325	126	060	835	10	463	256	100	088	633	10	544	325	121	090	099
10	3262	330	123	063	792	10	464	253	094	137	691	10	545	330	121	099	099
10	3263	337	119	094	790	10	465	244	094	132	682	10	546	337	123	102	099
10	3264	333	119	153	688	10	466	250	097	158	612	10	547	333	124	047	099
10	3265	333	115	083	688	10	467	266	101	150	631	10	548	333	124	046	099
10	3266	333	116	109	644	10	468	282	109	055	664	10	549	333	127	084	099
10	3267	306	114	152	644	10	469	339	113	153	665	10	550	306	130	059	099
10	3268	306	112	075	722	10	501	338	137	076	841	10	551	306	116	037	099
10	3269	306	112	109	746	10	502	335	131	094	835	10	552	306	117	074	099
10	3270	317	115	041	725	10	503	336	132	106	814	10	553	317	118	085	099
10	3271	319	115	074	745	10	504	331	125	128	825	10	554	319	130	085	099

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	555	158	111	580	206	20	125	441	177	1040	228	20	175	242	120	623	127
10	556	157	119	587	258	20	126	515	175	1113	085	20	176	062	129	482	419
10	901	430	167	925	089	20	127	492	166	991	076	20	177	139	124	314	330
10	902	317	177	1077	017	20	128	409	150	878	055	20	178	252	108	119	645
10	903	354	174	865	183	20	129	361	155	847	162	20	179	258	108	098	657
10	904	290	122	121	688	20	130	330	150	795	188	20	180	256	133	261	722
10	905	040	131	402	466	20	131	094	146	701	478	20	181	283	116	094	658
10	906	359	138	909	047	20	132	077	131	390	561	20	182	246	128	182	711
10	907	420	144	964	010	20	133	265	104	101	638	20	183	087	126	369	533
10	908	138	125	656	342	20	134	288	101	056	633	20	184	132	122	626	233
10	909	092	126	612	287	20	135	167	110	292	522	20	185	225	135	862	109
20	910	360	123	1233	379	20	136	281	101	059	612	20	186	324	134	874	051
20	321	409	120	1239	377	20	137	189	112	215	621	20	187	134	119	653	212
20	322	392	135	101	981	20	138	070	121	328	509	20	188	263	133	855	082
20	323	398	130	050	994	20	139	189	142	394	303	20	189	151	134	600	409
20	324	438	136	011	954	20	140	384	160	183	078	20	190	354	125	809	057
20	325	438	136	004	978	20	141	497	185	183	089	20	191	391	127	891	046
20	326	474	175	288	111	20	142	504	169	057	028	20	192	358	124	870	027
20	327	415	150	003	050	20	143	434	150	059	118	20	193	316	126	877	173
20	328	445	176	113	111	20	144	382	135	871	135	20	194	259	126	810	135
20	329	406	147	104	091	20	145	347	138	838	095	20	195	027	122	520	354
20	330	380	156	057	128	20	146	055	124	475	401	20	196	120	117	314	000
20	331	343	181	198	580	20	147	112	109	271	514	20	197	186	108	167	904
20	332	356	175	168	125	20	148	246	093	047	612	20	198	237	105	097	934
20	333	357	171	258	151	20	149	265	088	065	615	20	199	109	118	682	215
20	334	384	170	292	139	20	150	167	103	175	629	20	200	360	161	070	015
20	335	204	125	297	550	20	151	250	087	078	611	20	201	318	155	061	199
20	336	076	131	466	420	20	152	189	105	172	599	20	202	392	140	046	030
20	1033	084	145	473	437	20	153	098	121	454	513	20	203	413	143	977	009
20	104	165	151	632	413	20	154	147	139	780	271	20	204	379	140	997	075
20	105	237	156	796	207	20	155	319	152	931	173	20	205	335	142	858	019
20	106	209	144	757	204	20	156	422	154	045	020	20	206	308	132	805	058
20	107	115	131	568	327	20	157	420	155	014	020	20	207	082	127	553	298
20	108	034	119	517	397	20	158	363	143	855	030	20	208	170	130	381	610
20	109	060	119	514	375	20	159	321	132	750	029	20	209	079	115	412	462
20	110	066	114	333	463	20	160	277	128	719	089	20	301	301	115	103	739
20	111	176	114	232	623	20	161	020	138	494	422	20	302	306	119	122	753
20	112	301	109	082	725	20	162	130	124	325	519	20	303	306	126	130	848
20	113	350	117	051	730	20	163	242	103	089	618	20	304	291	123	101	978
20	114	200	154	724	352	20	164	251	103	072	653	20	305	292	125	121	885
20	115	274	173	825	264	20	165	187	115	237	599	20	306	296	126	094	987
20	116	467	189	085	110	20	166	253	103	107	626	20	307	269	104	110	681
20	117	513	177	090	009	20	167	212	116	168	545	20	308	306	107	069	684
20	118	489	182	007	019	20	168	129	124	344	510	20	309	317	108	043	706
20	119	420	155	969	038	20	169	094	128	643	461	20	310	339	115	049	900
20	120	360	147	856	112	20	170	245	129	914	178	20	311	329	115	097	752
20	121	331	142	783	278	20	171	346	130	968	057	20	312	306	115	062	755
20	122	139	107	205	493	20	172	360	130	882	075	20	313	306	107	071	652
20	123	041	127	322	260	20	173	321	135	782	060	20	314	293	108	049	892
20	124	274	154	791	206	20	174	286	123	679	085	20	315	260	106	090	659

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	416	.273	.115	.094	-.642	20	418	-.282	.115	.132	-.610	20	446	-.282	.117	.067	-.751
20	331	-.283	.115	.082	-.663	20	419	-.267	.114	.133	-.595	20	448	-.282	.117	.181	-.635
20	317	-.292	.116	.095	-.693	20	420	-.280	.110	.060	-.619	20	449	-.282	.166	.075	-1.348
20	318	-.299	.118	.065	-.697	20	421	-.283	.108	.071	-.624	20	5501	-.333	.153	.121	-1.194
20	319	-.299	.109	.016	-.729	20	422	-.297	.109	.074	-.681	20	5502	-.333	.158	.052	-1.175
20	320	-.266	.108	.080	-.696	20	423	-.297	.108	.103	-.661	20	5503	-.333	.142	.019	-1.325
20	321	-.366	.111	.020	-.754	20	424	-.317	.117	.090	-.731	20	5504	-.333	.163	.046	-1.227
20	322	-.357	.111	.075	-.683	20	425	-.330	.118	.061	-.736	20	5505	-.333	.153	.039	-1.207
20	323	-.254	.107	.094	-.618	20	426	-.292	.105	.026	-.678	20	5506	-.333	.148	.061	-1.132
20	324	-.274	.106	.083	-.618	20	427	-.328	.120	.076	-.750	20	5507	-.333	.135	.069	-1.007
20	325	-.293	.108	.032	-.670	20	428	-.271	.103	.031	-.623	20	5508	-.333	.132	.098	-1.993
20	326	-.293	.110	.046	-.714	20	429	-.273	.102	.035	-.601	20	5509	-.333	.137	.063	-.869
20	327	-.293	.116	.048	-.671	20	430	-.268	.103	.045	-.575	20	5510	-.333	.126	.011	-.791
20	328	-.292	.111	.124	-.588	20	431	-.276	.101	.027	-.679	20	5511	-.333	.128	.002	-.893
20	329	-.260	.111	.042	-.727	20	432	-.289	.107	.090	-.656	20	5512	-.333	.126	.038	-.854
20	330	-.244	.108	.134	-.623	20	433	-.309	.106	.047	-.655	20	5513	-.333	.120	.020	-.774
20	331	-.264	.106	.078	-.601	20	434	-.313	.109	.057	-.703	20	5514	-.333	.139	.103	-1.289
20	332	-.267	.110	.061	-.629	20	435	-.318	.113	.086	-.753	20	5515	-.333	.111	.001	-.810
20	333	-.279	.113	.088	-.672	20	436	-.309	.110	.089	-.738	20	5516	-.333	.142	.128	-1.102
20	334	-.286	.109	.067	-.690	20	437	-.260	.102	.143	-.621	20	5517	-.333	.136	.124	-1.127
20	335	-.286	.109	.094	-.741	20	438	-.316	.113	.075	-.763	20	5518	-.333	.123	.019	-1.014
20	336	-.265	.106	.074	-.635	20	439	-.247	.103	.084	-.600	20	5519	-.333	.117	.055	-.776
20	337	-.269	.106	.120	-.775	20	440	-.239	.096	.085	-.562	20	5520	-.333	.110	.086	-.720
20	338	-.269	.109	.060	-.669	20	441	-.242	.095	.078	-.554	20	5521	-.333	.109	.074	-.718
20	339	-.264	.106	.197	-.698	20	442	-.249	.097	.064	-.551	20	5522	-.333	.140	.123	-1.039
20	340	-.264	.103	.186	-.695	20	443	-.268	.098	.058	-.549	20	5523	-.333	.114	.116	-.762
20	341	-.269	.103	.174	-.702	20	444	-.288	.109	.103	-.632	20	5524	-.333	.146	.155	-1.129
20	342	-.267	.103	.162	-.692	20	445	-.310	.112	.042	-.682	20	5525	-.333	.133	.088	-1.081
20	343	-.281	.099	.081	-.607	20	446	-.322	.118	.067	-.726	20	5526	-.333	.130	.115	-1.018
20	344	-.259	.103	.103	-.596	20	447	-.331	.127	.098	-.763	20	5527	-.333	.126	.087	-1.042
20	345	-.260	.102	.086	-.658	20	448	-.254	.105	.163	-.598	20	5528	-.333	.119	.059	-.825
20	346	-.277	.098	.079	-.600	20	449	-.334	.125	.069	-.650	20	5529	-.333	.118	.071	-.781
20	347	-.262	.110	.119	-.605	20	450	-.270	.106	.191	-.631	20	5530	-.333	.152	.130	-1.417
20	348	-.305	.120	.133	-.837	20	451	-.254	.112	.104	-.652	20	5531	-.333	.124	.031	-.986
20	349	-.303	.124	.106	-.790	20	452	-.233	.105	.127	-.619	20	5532	-.333	.124	.031	-.986
20	350	-.305	.128	.109	-.820	20	453	-.244	.106	.095	-.618	20	5533	-.333	.151	.136	-1.402
20	351	-.298	.137	.105	-.793	20	454	-.263	.108	.089	-.644	20	5534	-.333	.145	.109	-1.120
20	352	-.298	.130	.130	-.781	20	455	-.283	.109	.078	-.662	20	5535	-.333	.138	.110	-1.020
20	353	-.301	.132	.129	-.1.196	20	456	-.327	.105	.089	-.683	20	5536	-.333	.128	.104	-1.080
20	354	-.307	.131	.216	-.017	20	457	-.327	.112	.059	-.829	20	5537	-.333	.119	.107	-.755
20	355	-.322	.130	.097	-.929	20	458	-.343	.120	.074	-.849	20	5538	-.333	.117	.098	-.740
20	356	-.334	.134	.087	-.969	20	459	-.277	.101	.132	-.622	20	5539	-.333	.148	.030	-.985
20	357	-.322	.122	.013	-.961	20	460	-.365	.128	-.002	-.096	20	5540	-.333	.132	.034	-.867
20	358	-.368	.120	.004	-.918	20	461	-.274	.098	.043	-.642	20	5541	-.333	.134	.094	-.885
20	359	-.369	.126	.077	-.858	20	462	-.274	.098	.038	-.615	20	5542	-.333	.134	.110	-.980
20	360	-.344	.120	.069	-.786	20	463	-.263	.096	.067	-.594	20	5543	-.333	.147	.017	-1.012
20	361	-.336	.115	.093	-.792	20	464	-.276	.100	.023	-.580	20	5544	-.333	.135	.012	-.936
20	362	-.335	.115	.065	-.809	20	465	-.278	.099	.017	-.566	20	5545	-.333	.135	.025	-.924
20	363	-.322	.115	.065	-.809	20	466	-.290	.101	.003	-.636	20	5546	-.333	.137	.021	-.934
20	364	-.305	.117	.073	-.682	20	467	-.300	.103	.002	-.691	20	5547	-.333	.132	.099	-1.053
20	365	-.289	.115	.118	-.616	20	467	-.300	.103	.002	-.691	20	5548	-.333	.130	.103	-.998





APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

ID	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	ID	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	ID	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	410	117	099	099	669	30	412	357	141	065	897	30	462	233	100	061	587
30	411	112	110	110	651	30	413	325	132	060	770	30	463	233	101	093	581
30	412	098	061	061	710	30	414	325	127	070	724	30	464	267	120	163	713
30	413	098	046	046	582	30	415	320	130	113	800	30	465	271	120	165	667
30	414	102	032	032	540	30	416	322	123	122	702	30	466	276	125	194	663
30	415	096	067	067	588	30	417	298	113	064	727	30	467	292	134	166	759
30	416	101	160	160	621	30	418	287	113	072	715	30	468	309	149	153	095
30	417	101	142	142	624	30	419	284	117	077	697	30	469	207	135	246	797
30	418	102	145	145	622	30	420	284	115	091	688	30	470	378	211	293	236
30	419	101	145	145	622	30	421	299	119	079	688	30	471	378	193	31	411
30	420	111	151	151	542	30	422	299	123	050	687	30	472	416	197	379	402
30	421	107	199	199	540	30	423	299	123	086	690	30	473	332	179	105	347
30	422	109	163	163	561	30	424	307	134	144	847	30	474	334	218	005	672
30	423	108	253	253	519	30	425	321	142	142	876	30	475	339	217	014	646
30	424	107	085	085	586	30	426	277	111	067	674	30	476	361	191	290	585
30	425	105	058	058	602	30	427	322	148	158	913	30	477	357	172	218	358
30	426	107	105	105	609	30	428	272	107	097	655	30	478	390	186	327	380
30	427	110	065	065	677	30	429	268	105	100	641	30	479	420	174	420	209
30	428	114	102	102	655	30	430	273	104	100	616	30	480	411	168	086	397
30	429	105	111	111	655	30	431	290	104	114	651	30	481	473	176	095	408
30	430	103	105	105	633	30	432	300	102	059	633	30	482	411	167	190	263
30	431	110	114	114	655	30	433	307	105	032	647	30	483	444	160	107	676
30	432	109	106	106	655	30	434	300	114	087	636	30	484	444	189	220	379
30	433	122	109	109	601	30	435	307	126	118	775	30	485	333	183	070	679
30	434	116	132	132	643	30	436	333	147	138	049	30	486	333	193	200	686
30	435	121	153	153	743	30	437	262	107	106	589	30	487	333	178	261	316
30	436	118	194	194	711	30	438	329	148	100	861	30	488	319	180	169	659
30	437	106	148	148	577	30	439	241	108	106	651	30	489	393	172	200	605
30	438	109	097	097	722	30	440	230	106	103	583	30	490	389	190	039	787
30	439	110	144	144	588	30	441	235	102	118	604	30	491	389	188	055	754
30	440	104	107	107	599	30	442	261	103	072	628	30	492	347	196	163	470
30	441	104	073	073	600	30	443	295	108	051	651	30	493	372	185	127	495
30	442	105	097	097	600	30	444	302	118	179	720	30	494	350	193	304	456
30	443	103	097	097	600	30	445	299	123	180	722	30	495	333	171	368	091
30	444	101	093	093	594	30	446	304	138	203	824	30	496	333	191	234	769
30	445	101	110	110	572	30	447	346	151	121	917	30	497	333	188	192	583
30	446	102	084	084	567	30	448	318	111	146	627	30	498	333	200	134	644
30	447	101	084	084	594	30	449	220	144	144	791	30	499	333	196	133	439
30	448	103	139	139	586	30	450	230	109	141	566	30	500	333	192	284	300
30	449	128	150	150	756	30	451	246	115	136	616	30	501	366	168	046	277
30	450	139	207	207	847	30	452	225	116	242	595	30	502	333	177	195	959
30	451	132	206	206	843	30	453	250	117	196	604	30	503	333	166	338	663
30	452	133	152	152	933	30	454	277	120	123	659	30	504	401	168	236	743
30	453	131	166	166	933	30	455	285	123	116	680	30	505	409	165	035	419
30	454	132	148	148	921	30	456	300	123	147	786	30	506	333	193	022	752
30	455	134	231	231	144	30	457	329	138	134	018	30	507	433	190	029	680
30	456	162	214	214	153	30	458	344	147	141	047	30	508	333	153	139	064
30	457	170	223	223	200	30	459	269	108	092	654	30	509	419	169	117	184
30	458	136	090	090	873	30	460	355	147	129	013	30	510	280	133	164	882
30	459	133	087	087	831	30	461	226	099	059	601	30	542	292	137	225	878

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	543	.381	.171	.097	-1.127	40	113	-.252	.168	.097	-.626	40	163	-.210	.104	.138	-.586
40	544	-.399	.156	.051	-1.023	40	114	-.404	.169	.980	-.171	40	164	-.194	.103	.142	-.558
40	545	-.411	.155	.082	-1.079	40	115	-.532	.179	1.020	-.117	40	165	-.072	.161	.525	-.589
40	546	-.422	.159	.075	-1.155	40	116	-.561	.171	1.138	-.068	40	166	-.191	.103	.162	-.622
40	547	-.401	.151	.037	-1.445	40	117	-.412	.165	.942	-.275	40	167	-.065	.154	.445	-.561
40	548	-.421	.149	.010	-1.328	40	118	-.251	.143	.703	-.360	40	168	.087	.149	.629	-.361
40	549	-.357	.141	.886	-.034	40	119	-.129	.127	.569	-.410	40	169	.341	.151	.900	-.165
40	550	-.214	.152	.873	-.433	40	120	-.085	.113	.514	-.348	40	170	.392	.144	.942	-.044
40	551	-.243	.127	.788	-.126	40	121	-.070	.105	.435	-.279	40	171	.335	.132	.910	-.094
40	552	-.372	.145	.089	-.879	40	122	-.071	.161	.569	-.609	40	172	.205	.121	.687	-.169
40	553	-.246	.142	.300	-.885	40	123	-.274	.155	.842	-.232	40	173	.131	.126	.546	-.278
40	554	-.345	.143	.916	-.043	40	124	-.513	.168	1.044	-.026	40	174	.119	.113	.507	-.248
40	555	-.269	.139	.772	-.102	40	125	-.521	.172	1.052	-.001	40	175	.101	.107	.446	-.246
40	556	-.269	.137	.966	-.103	40	126	-.409	.156	.899	-.068	40	176	-.204	.128	.206	-.655
40	901	-.223	.141	.754	-.196	40	127	-.237	.139	.682	-.280	40	177	-.241	.106	.118	-.594
40	902	-.423	.160	.979	-.128	40	128	-.093	.123	.478	-.400	40	178	-.197	.100	.177	-.573
40	903	-.511	.189	1.183	-.050	40	129	-.093	.109	.427	-.280	40	179	-.178	.099	.181	-.537
40	904	-.221	.108	.180	-.550	40	130	-.099	.104	.428	-.257	40	180	-.137	.141	.331	-.866
40	905	-.177	.110	.205	-.521	40	131	-.219	.111	.196	-.566	40	181	-.181	.095	.159	-.489
40	906	-.216	.108	.586	-.145	40	132	-.285	.106	.077	-.626	40	182	-.124	.128	.542	-.613
40	907	-.356	.126	.922	-.075	40	133	-.232	.094	.660	-.563	40	183	.067	.120	.513	-.345
40	908	-.252	.127	.922	-.147	40	134	-.231	.092	.077	-.524	40	184	.257	.126	.777	-.115
40	909	-.282	.134	.754	-.280	40	135	-.066	.164	.473	-.617	40	185	.294	.126	.760	-.105
40	910	-.326	.152	.198	-1.017	40	136	-.219	.092	.066	-.535	40	186	.319	.126	.798	-.041
40	1	-.352	.203	.634	-1.172	40	137	-.109	.164	.593	-.761	40	187	.194	.114	.595	-.136
40	2	-.420	.170	.165	-1.615	40	138	-.176	.170	.857	-.413	40	188	.304	.126	.855	-.049
40	3	-.511	.173	.007	-1.305	40	139	-.488	.185	1.039	-.068	40	189	.245	.117	.703	-.240
40	4	-.564	.147	.114	-1.052	40	140	-.559	.175	1.143	-.065	40	190	.330	.116	.842	-.007
40	5	-.716	.186	.134	-1.403	40	141	-.429	.164	.953	-.027	40	191	.280	.117	.699	-.071
40	6	-.510	.188	.402	-1.062	40	142	-.256	.137	.717	-.156	40	192	.191	.114	.562	-.164
40	7	-.310	.157	.157	-1.148	40	143	-.101	.121	.541	-.282	40	193	.153	.107	.490	-.208
40	8	-.624	.198	.119	-1.396	40	144	-.102	.111	.514	-.265	40	194	.113	.101	.428	-.207
40	9	-.434	.211	.231	-1.362	40	145	-.166	.102	.494	-.228	40	195	-.150	.108	.235	-.511
40	10	-.332	.179	.381	-1.042	40	146	-.253	.119	.183	-.632	40	196	-.219	.110	.162	-.612
40	11	-.251	.179	.381	-1.042	40	147	-.288	.109	.119	-.699	40	197	-.187	.098	.118	-.498
40	12	-.242	.192	.477	-1.171	40	148	-.225	.101	.133	-.572	40	198	-.190	.098	.119	-.504
40	13	-.219	.195	.382	-1.137	40	149	-.209	.095	.167	-.558	40	199	.201	.122	.663	-.172
40	14	-.389	.210	.217	-1.138	40	150	-.057	.168	.503	-.717	40	200	.362	.128	.807	-.084
40	101	-.040	.153	.474	-.555	40	151	-.204	.095	.074	-.548	40	201	.350	.140	.984	-.015
40	102	-.121	.151	.649	-.385	40	152	-.097	.166	.467	-.735	40	202	.355	.134	.805	-.008
40	103	-.197	.149	.708	-.323	40	153	-.110	.156	.746	-.449	40	203	.293	.134	.700	-.175
40	104	-.184	.142	.671	-.316	40	154	-.387	.150	.970	-.054	40	204	.201	.129	.614	-.302
40	105	-.118	.131	.504	-.344	40	155	-.442	.144	.950	-.002	40	205	.169	.116	.648	-.177
40	106	-.011	.115	.324	-.412	40	156	-.372	.131	.861	-.013	40	206	.172	.112	.649	-.149
40	107	-.133	.107	.202	-.522	40	157	-.220	.135	.614	-.185	40	207	-.104	.117	.308	-.487
40	108	-.135	.102	.187	-.496	40	158	-.081	.123	.488	-.290	40	208	-.269	.118	.108	-.675
40	109	-.064	.108	.355	-.399	40	159	-.080	.108	.422	-.276	40	209	-.151	.091	.259	-.460
40	110	-.227	.104	.225	-.589	40	160	-.091	.098	.437	-.234	40	301	-.256	.101	.049	-.622
40	111	-.279	.114	.088	-.632	40	161	-.253	.118	.132	-.646	40	302	-.254	.106	.111	-.621
40	112	-.277	.118	.136	-.748	40	162	-.282	.110	.097	-.697	40	303	-.259	.115	.143	-.686

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	304	237	130	140	8334	40	406	233	171	233	-1.840	40	456	229	128	225	-1.879
40	305	241	126	132	7999	40	407	242	156	242	-1.284	40	457	239	135	151	-1.903
40	306	239	124	144	773	40	408	237	145	237	-1.036	40	458	239	140	148	-1.964
40	307	230	113	125	671	40	409	227	149	227	-1.036	40	459	233	110	150	-1.645
40	308	243	120	148	620	40	410	300	125	119	-1.804	40	460	233	133	165	-1.953
40	309	258	122	157	624	40	411	297	124	111	-1.783	40	461	233	144	109	-1.538
40	310	272	126	127	632	40	412	305	140	117	-1.932	40	462	233	093	079	-1.543
40	311	264	125	121	636	40	413	297	132	094	-1.894	40	463	233	093	071	-1.539
40	312	255	114	074	736	40	414	290	127	108	-1.728	40	464	227	100	079	-1.634
40	313	238	102	050	555	40	415	269	130	124	-1.833	40	465	227	104	038	-1.623
40	314	252	105	068	589	40	416	262	125	141	-1.794	40	466	310	113	056	-1.719
40	315	230	100	071	563	40	417	267	116	097	-1.741	40	467	323	137	100	-1.868
40	316	195	107	130	324	40	418	252	116	107	-1.742	40	468	333	177	248	-1.326
40	317	208	106	109	664	40	419	245	113	107	-1.670	40	469	333	144	283	-1.945
40	318	207	106	111	433	40	420	248	123	207	-1.684	40	470	333	182	279	-1.085
40	319	210	107	111	664	40	421	261	123	163	-1.784	40	471	233	201	362	-1.085
40	320	238	097	114	602	40	422	250	125	177	-1.738	40	472	233	198	266	-1.220
40	321	213	093	123	601	40	423	239	128	204	-1.819	40	473	233	182	144	-1.268
40	322	229	096	107	612	40	424	248	124	221	-1.786	40	474	233	182	266	-1.803
40	323	194	095	149	627	40	425	264	130	227	-1.851	40	475	233	193	133	-1.450
40	324	193	099	134	606	40	426	265	108	100	-1.650	40	476	233	193	296	-1.111
40	325	213	098	097	630	40	427	257	140	205	-1.861	40	477	233	193	216	-1.434
40	326	206	097	103	600	40	428	263	117	115	-1.681	40	478	233	193	216	-1.488
40	327	205	097	106	587	40	429	266	114	093	-1.671	40	479	233	193	216	-1.700
40	328	224	101	095	553	40	430	259	113	098	-1.619	40	480	233	211	031	-1.698
40	329	202	103	174	537	40	431	272	113	129	-1.653	40	481	233	215	052	-1.280
40	330	207	104	123	337	40	432	271	119	100	-1.691	40	482	233	215	026	-1.407
40	331	193	107	209	667	40	433	253	121	146	-1.755	40	483	233	222	272	-1.634
40	332	165	103	221	312	40	434	240	129	136	-1.834	40	484	233	222	059	-1.625
40	333	182	102	194	312	40	435	243	141	255	-1.921	40	485	233	229	340	-1.883
40	334	172	104	208	492	40	436	251	149	192	-1.809	40	486	233	229	403	-1.769
40	335	171	102	188	496	40	437	258	113	118	-1.662	40	487	233	218	329	-1.651
40	336	199	114	189	349	40	438	249	152	238	-1.900	40	488	233	222	171	-1.427
40	337	191	108	181	312	40	439	242	116	123	-1.625	40	489	233	222	052	-1.699
40	338	213	110	160	347	40	440	238	106	129	-1.646	40	490	233	222	046	-1.672
40	339	185	110	191	228	40	441	250	104	105	-1.602	40	491	233	218	361	-1.313
40	340	185	098	144	485	40	442	277	107	125	-1.636	40	492	233	218	001	-1.928
40	341	187	096	191	488	40	443	300	110	041	-1.656	40	493	233	209	329	-1.209
40	342	193	096	161	476	40	444	285	115	095	-1.646	40	494	233	194	267	-1.104
40	343	196	097	175	501	40	445	270	124	169	-1.696	40	495	233	214	151	-1.541
40	344	201	102	134	634	40	446	258	137	196	-1.792	40	496	233	213	335	-1.397
40	345	187	102	188	398	40	447	256	148	139	-1.845	40	497	233	228	008	-1.788
40	346	186	102	203	399	40	448	222	115	190	-1.607	40	498	233	227	008	-1.803
40	347	191	101	170	331	40	449	269	142	206	-1.749	40	499	233	201	292	-1.527
40	348	201	105	126	221	40	450	227	116	226	-1.819	40	500	233	172	006	-1.734
40	401	257	122	128	724	40	451	238	113	213	-1.740	40	501	233	169	189	-1.249
40	402	269	133	211	875	40	452	243	110	100	-1.577	40	502	233	169	259	-1.992
40	403	268	137	193	882	40	453	292	110	053	-1.674	40	503	233	202	259	-1.179
40	404	282	145	174	552	40	454	311	116	033	-1.681	40	504	233	209	157	-1.277
40	405	302	164	255	559	40	455	330	124	035	-1.922	40	505	233	209	157	-1.277

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	537	.605	.252	.135	-1.699	50	107	-.165	.107	.183	-.526	50	157	.151	.136	.650	-.260
40	538	.256	.245	.085	-1.668	50	108	-.138	.103	.220	-.536	50	158	.003	.122	.421	-.467
40	539	.155	.155	.155	-.938	50	109	-.072	.105	.324	-.493	50	159	.019	.107	.366	-.354
40	540	.270	.244	.079	-1.538	50	110	-.234	.100	.096	-.604	50	160	.051	.095	.413	-.280
40	541	.138	.138	.138	-.938	50	111	-.266	.111	.126	-.739	50	161	-.290	.117	.088	-.715
40	542	.223	.223	.223	-.938	50	112	-.286	.117	.132	-.783	50	162	-.289	.107	.078	-.679
40	543	.168	.168	.168	-1.334	50	113	-.234	.117	.124	-.865	50	163	-.206	.097	.092	-.557
40	544	.157	.157	.157	-1.111	50	114	-.464	.166	.967	-.103	50	164	-.193	.096	.194	-.537
40	545	.136	.136	.136	-1.111	50	115	-.551	.170	1.094	-.037	50	165	-.058	.176	.589	-.529
40	546	.160	.160	.160	-1.111	50	116	-.520	.162	1.048	-.040	50	166	-.190	.097	.128	-.552
40	547	.342	.342	.342	-1.198	50	117	-.309	.149	.864	-.184	50	167	-.052	.170	.565	-.512
40	548	.133	.133	.133	-1.117	50	118	-.132	.124	.562	-.339	50	168	.179	.163	.722	-.355
40	549	.368	.368	.368	-1.014	50	119	-.046	.110	.430	-.368	50	169	.339	.147	.885	-.090
40	550	.240	.240	.240	-1.402	50	120	.018	.101	.430	-.357	50	170	.348	.133	.840	-.003
40	551	.283	.283	.283	-1.299	50	121	-.022	.106	.400	-.285	50	171	.262	.124	.697	-.123
40	552	.156	.156	.156	-1.939	50	122	.088	.177	.624	-.483	50	172	.125	.120	.526	-.270
40	553	.190	.190	.190	-1.775	50	123	-.371	.173	.900	-.317	50	173	.022	.129	.382	-.409
40	554	.359	.359	.359	-1.106	50	124	.536	.179	1.031	-.126	50	174	.042	.111	.383	-.346
40	555	.344	.344	.344	-1.111	50	125	.507	.174	1.025	-.010	50	175	.055	.099	.360	-.247
40	556	.333	.333	.333	-1.308	50	126	.566	.144	.776	-.135	50	176	-.255	.132	.164	-.671
40	557	.333	.333	.333	-1.308	50	127	.507	.124	.625	-.299	50	177	-.276	.123	.167	-.723
40	558	.333	.333	.333	-1.308	50	128	.011	.111	.454	-.392	50	178	-.191	.112	.198	-.562
40	559	.333	.333	.333	-1.308	50	129	.029	.104	.368	-.292	50	179	-.175	.111	.192	-.573
40	560	.192	.192	.192	-1.547	50	130	-.057	.101	.418	-.287	50	180	.021	.168	.596	-.502
40	561	.179	.179	.179	-1.547	50	131	-.264	.108	.130	-.580	50	181	-.180	.102	.139	-.597
40	562	.163	.163	.163	-1.214	50	132	-.308	.108	.082	-.625	50	182	.043	.164	.823	-.574
40	563	.114	.114	.114	-1.188	50	133	-.239	.105	.094	-.644	50	183	.190	.139	.840	-.336
40	564	.310	.310	.310	-1.188	50	134	-.213	.101	.122	-.601	50	184	.301	.126	.827	-.122
40	565	.245	.245	.245	-1.104	50	135	-.071	.173	.677	-.468	50	185	.304	.127	.738	-.066
40	566	.790	.790	.790	-1.142	50	136	-.214	.103	.104	-.668	50	186	.252	.123	.701	-.150
40	567	.764	.764	.764	-1.142	50	137	.062	.192	.665	-.561	50	187	.256	.121	.654	-.131
40	568	.688	.688	.688	-1.142	50	138	.303	.174	.869	-.266	50	188	.314	.127	.724	-.056
40	569	.119	.119	.119	-1.300	50	139	.504	.167	1.042	-.050	50	189	.311	.124	.772	-.130
40	570	.155	.155	.155	-1.300	50	140	.488	.156	1.007	-.024	50	190	.275	.129	.735	-.078
40	571	.111	.111	.111	-1.544	50	141	.367	.148	.866	-.135	50	191	.181	.124	.631	-.192
40	572	.131	.131	.131	-1.544	50	142	.159	.133	.549	-.389	50	192	.068	.119	.501	-.322
40	573	.255	.255	.255	-1.544	50	143	-.004	.123	.379	-.463	50	193	.021	.105	.345	-.327
40	574	.330	.330	.330	-1.038	50	144	-.004	.113	.393	-.432	50	194	.020	.095	.309	-.287
40	575	.412	.412	.412	-1.038	50	145	-.062	.108	.425	-.274	50	195	-.258	.108	.099	-.688
40	576	.247	.247	.247	-1.798	50	146	-.303	.124	.071	-.694	50	196	-.282	.106	.132	-.734
40	577	.158	.158	.158	-1.798	50	147	-.308	.113	.034	-.710	50	197	-.177	.099	.248	-.509
40	578	.166	.166	.166	-1.820	50	148	-.231	.105	.130	-.596	50	198	-.160	.096	.252	-.458
40	579	.149	.149	.149	-1.820	50	149	-.220	.097	.198	-.605	50	199	.295	.135	1.082	-.080
40	580	.103	.103	.103	-1.997	50	150	-.091	.180	.688	-.574	50	200	.257	.139	.883	-.042
40	581	.144	.144	.144	-1.997	50	151	.097	.180	.122	-.554	50	201	.371	.142	.928	-.062
40	582	.124	.124	.124	-1.997	50	152	.034	.185	.786	-.713	50	202	.308	.146	1.003	-.133
40	583	.445	.445	.445	-1.997	50	153	.211	.169	.822	-.267	50	203	.173	.142	.821	-.200
40	584	.260	.260	.260	-1.997	50	154	.437	.186	1.090	-.037	50	204	.050	.138	.588	-.338
40	585	.260	.260	.260	-1.997	50	155	.152	.152	.980	-.002	50	205	.058	.108	.454	-.286
40	586	.260	.260	.260	-1.997	50	156	.334	.141	.813	-.105	50	206	.098	.103	.488	-.221

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	
50	207	190	101	153	538	50	348	161	108	217	529	50	450	224	108	141	381	
50	208	281	102	107	629	50	401	228	108	182	800	50	451	239	101	080	364	
50	209	163	106	145	499	50	402	226	133	187	918	50	452	235	097	084	615	
50	2099	116	116	166	585	50	403	234	157	199	385	50	453	276	098	032	661	
50	3001	207	120	150	627	50	404	245	149	162	829	50	454	296	103	053	639	
50	3002	200	116	163	609	50	405	224	120	167	998	50	455	312	106	046	733	
50	3003	203	112	150	623	50	406	206	108	201	707	50	456	264	110	142	654	
50	3004	204	113	160	602	50	407	206	102	149	539	50	457	250	109	228	640	
50	3005	203	112	163	609	50	408	215	104	133	590	50	458	256	113	236	746	
50	3006	203	114	151	720	50	409	211	104	192	586	50	459	213	109	220	580	
50	3007	200	109	159	575	50	410	245	115	110	591	50	460	239	098	096	650	
50	3008	217	106	115	579	50	411	245	113	121	616	50	461	174	090	159	615	
50	3009	229	104	105	574	50	412	234	131	169	776	50	462	191	092	149	637	
50	3110	236	107	104	564	50	413	231	116	169	643	50	463	205	091	121	646	
50	3111	235	109	106	603	50	414	231	113	107	648	50	464	206	099	098	546	
50	3112	222	107	157	607	50	415	215	111	134	632	50	465	226	100	081	531	
50	3113	209	101	173	607	50	416	218	099	121	604	50	466	232	103	110	539	
50	3114	210	101	238	574	50	417	216	106	150	569	50	467	208	111	146	570	
50	3115	204	102	178	587	50	418	217	107	160	563	50	468	308	134	123	968	
50	3116	202	100	175	584	50	419	215	106	145	592	50	469	255	115	347	701	
50	3117	209	098	129	559	50	420	215	099	107	561	50	501	061	112	372	429	
50	3118	202	097	131	542	50	421	205	093	122	516	50	502	049	143	647	490	
50	3119	208	097	126	543	50	422	202	092	121	463	50	503	084	113	300	574	
50	3200	211	098	091	543	50	423	195	091	100	473	50	504	305	125	125	818	
50	3221	198	099	133	516	50	424	198	101	102	545	50	505	638	279	245	461	
50	3222	204	098	114	511	50	425	192	099	084	535	50	506	727	251	185	637	
50	3223	185	100	192	513	50	426	229	102	073	555	50	507	098	097	253	412	
50	3224	190	101	172	527	50	427	195	101	120	591	50	508	017	109	357	386	
50	3225	200	098	164	546	50	428	247	098	123	595	50	509	106	101	318	534	
50	3226	191	097	178	495	50	429	239	095	104	561	50	510	235	132	210	965	
50	3227	195	099	194	496	50	430	239	093	113	575	50	511	544	266	232	348	
50	3228	205	102	175	498	50	431	245	093	108	585	50	512	650	270	193	518	
50	3229	184	106	171	545	50	432	227	103	171	553	50	513	263	213	361	049	
50	3230	191	102	219	489	50	433	206	101	172	520	50	514	486	227	222	207	
50	3231	175	109	243	529	50	434	194	104	187	540	50	515	103	108	267	574	
50	3232	179	106	187	570	50	435	190	105	185	574	50	516	637	255	124	443	
50	3233	188	104	175	562	50	436	171	109	169	699	50	517	103	112	243	540	
50	3234	180	108	178	565	50	437	219	103	137	563	50	518	076	125	361	579	
50	3235	175	105	206	536	50	438	172	111	187	681	50	519	109	143	369	803	
50	3236	169	104	244	558	50	439	219	109	196	585	50	520	276	172	215	316	
50	3237	155	101	224	522	50	440	246	100	110	582	50	521	629	277	315	633	
50	3238	176	102	208	512	50	441	245	093	081	545	50	522	635	252	302	595	
50	3239	151	101	210	495	50	442	270	095	069	588	50	523	096	115	332	842	
50	3240	167	098	100	538	50	443	269	095	056	588	50	524	659	234	143	528	
50	3241	168	095	107	515	50	444	226	092	090	623	50	525	106	117	287	666	
50	3242	173	096	085	511	50	445	201	093	101	803	50	526	080	121	324	028	
50	3243	179	095	090	524	50	446	196	098	122	937	50	527	126	136	339	894	
50	3244	163	095	155	533	50	447	215	100	101	852	50	528	126	165	171	178	
50	3245	148	095	150	502	50	448	232	105	133	615	50	529	600	288	334	616	
50	3246	150	096	148	528	50	449	216	102	227	583	50	530	609	259	265	823	
50	3247	156	095	162	537	50						50						

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	531	-.126	.120	.237	-.925	60	101	.267	.166	.954	-.229	60	151	-.195	.099	.124	-.358
50	532	-.592	.230	.237	-1.598	60	102	.295	.158	.915	-.190	60	152	-.274	.185	1.103	-.382
50	533	-.149	.118	.224	-.756	60	103	.210	.147	.693	-.325	60	153	.388	.184	1.114	-.168
50	534	-.120	.130	.306	-.817	60	104	.119	.133	.550	-.447	60	154	.444	.161	1.035	-.623
50	535	-.127	.136	.264	-.797	60	105	.001	.120	.424	-.415	60	155	.340	.141	.849	-.657
50	536	-.243	.157	.143	-1.132	60	106	-.142	.106	.289	-.610	60	156	.151	.129	.646	-.303
50	537	-.507	.252	.325	-1.522	60	107	-.230	.107	.156	-.635	60	157	-.077	.143	.447	-.562
50	538	-.527	.224	.289	-1.506	60	108	-.160	.107	.239	-.522	60	158	-.193	.128	.201	-.623
50	539	.135	.107	.196	-.588	60	109	-.077	.109	.287	-.478	60	159	-.140	.114	.234	-.521
50	540	.435	.206	.287	-1.474	60	110	-.230	.103	.086	-.626	60	160	-.035	.095	.312	-.365
50	541	.111	.112	.236	-.574	60	111	-.249	.119	.069	-.784	60	161	-.412	.125	.016	-.882
50	542	.080	.124	.355	-.553	60	112	-.243	.144	.158	-.993	60	162	-.385	.117	.034	-.839
50	543	.108	.165	.310	-.860	60	113	-.231	.131	.182	-.872	60	163	-.236	.102	.082	-.646
50	544	.163	.172	.300	-.783	60	114	.571	.179	1.136	.046	60	164	-.294	.100	.147	-.626
50	545	.225	.188	.385	-.896	60	115	.550	.175	1.146	.068	60	165	-.278	.167	.828	-.311
50	546	.264	.189	.364	-1.020	60	116	.403	.160	1.043	-.126	60	166	-.186	.107	.161	-.623
50	547	.125	.176	.364	-.703	60	117	.133	.142	.058	-.323	60	167	.251	.132	.751	-.431
50	548	.174	.168	.316	-.790	60	118	-.025	.124	.399	-.482	60	168	.328	.145	.831	-.251
50	549	.333	.128	.853	-.105	60	119	-.100	.110	.214	-.557	60	169	.363	.145	.844	-.068
50	550	.273	.123	.724	-.221	60	120	.089	.100	.240	-.508	60	170	.289	.128	.762	-.084
50	551	.302	.118	.848	-.046	60	121	.077	.090	.227	-.405	60	171	.132	.122	.611	-.235
50	552	.154	.165	.421	-.650	60	122	.414	.180	1.042	-.198	60	172	.041	.126	.399	-.446
50	553	.037	.154	.516	-.562	60	123	.544	.176	1.193	.044	60	173	-.163	.128	.311	-.644
50	554	.358	.123	.827	-.014	60	124	.551	.163	1.183	.060	60	174	-.110	.114	.297	-.509
50	555	.325	.126	.908	-.028	60	125	.398	.152	.868	-.142	60	175	.041	.098	.304	-.419
50	556	.365	.138	1.030	-.014	60	126	.174	.129	.594	-.302	60	176	.342	.129	.065	-.773
50	901	.020	.126	.426	-.445	60	127	-.050	.121	.368	-.410	60	177	.288	.119	.136	-.555
50	902	.181	.143	.746	-.324	60	128	-.159	.110	.199	-.472	60	178	.180	.108	.209	-.509
50	903	.496	.172	1.000	-.082	60	129	-.108	.099	.236	-.513	60	179	.151	.107	.232	-.503
50	904	.163	.106	.148	-.525	60	130	-.036	.096	.305	-.404	60	180	.214	.158	.984	-.273
50	905	.208	.111	.203	-.611	60	131	-.358	.110	.003	-.728	60	181	-.158	.100	.169	-.484
50	906	.063	.107	.535	-.313	60	132	-.355	.111	-.025	-.757	60	182	.213	.143	.858	-.273
50	907	.171	.125	.611	-.251	60	133	-.248	.105	.153	-.581	60	183	.280	.131	.836	-.115
50	908	.321	.133	.756	-.073	60	134	-.203	.100	.164	-.530	60	184	.308	.126	.737	-.079
50	909	.326	.132	.783	-.127	60	135	-.388	.185	1.033	-.392	60	185	.274	.129	.808	-.105
50	910	.102	.159	.457	-.642	60	136	-.216	.104	.159	-.565	60	186	.134	.128	.622	-.254
60	1	.137	.136	.296	-.778	60	137	-.331	.185	.835	-.316	60	187	.280	.123	.789	-.084
60	2	.266	.151	.137	-.909	60	138	-.465	.174	1.008	-.138	60	188	.302	.129	.816	-.092
60	3	.385	.201	.203	-1.413	60	139	.514	.168	1.114	-.066	60	189	.281	.118	.909	-.029
60	4	.514	.139	.067	-1.155	60	140	.398	.150	1.027	-.177	60	190	.135	.126	.543	-.338
60	5	.823	.183	-.179	-1.486	60	141	-.178	.136	.610	-.322	60	191	.027	.114	.445	-.498
60	6	.095	.142	.403	-.611	60	142	-.042	.124	.349	-.487	60	192	-.088	.109	.271	-.499
60	7	.254	.179	.324	-.941	60	143	-.177	.115	.158	-.618	60	193	-.060	.106	.266	-.488
60	8	.558	.184	.101	-1.164	60	144	-.118	.104	.191	-.530	60	194	.034	.096	.342	-.420
60	9	.088	.118	.275	-.733	60	145	-.024	.098	.268	-.369	60	195	-.261	.101	.663	-.605
60	10	.139	.133	.373	-.728	60	146	-.395	.129	.038	-.805	60	196	-.228	.099	.113	-.559
60	11	.047	.126	.458	-.505	60	147	-.356	.125	.061	-.760	60	197	-.148	.100	.206	-.491
60	12	.053	.109	.351	-.441	60	148	-.245	.111	.129	-.636	60	198	-.139	.097	.220	-.479
60	13	.032	.107	.365	-.391	60	149	-.204	.100	.142	-.638	60	199	.331	.132	.948	-.068
60	14	.371	.145	.093	-1.040	60	150	.327	.187	1.044	-.330	60	200	.323	.124	.884	-.040

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	201	.297	.124	.871	.116	60	342	.121	.102	.206	-.489	60	444	-.261	.102	.148	-.348
60	202	.119	.140	.787	.413	60	343	.124	.103	.219	-.473	60	445	-.180	.101	.184	-.307
60	203	.002	.119	.348	.343	60	344	.126	.093	.200	-.432	60	446	-.171	.102	.213	-.470
60	204	.104	.120	.426	.493	60	345	.119	.095	.164	-.409	60	447	-.196	.100	.121	-.320
60	205	.058	.109	.363	.415	60	346	.121	.096	.167	-.426	60	448	-.248	.113	.198	-.677
60	206	.002	.104	.354	.340	60	347	.120	.094	.230	-.421	60	449	-.210	.101	.167	-.356
60	207	.225	.116	.168	.600	60	348	.127	.095	.234	-.405	60	450	-.228	.113	.177	-.732
60	208	.221	.116	.248	.635	60	401	.223	.126	.182	-.735	60	451	-.236	.110	.141	-.679
60	209	.141	.102	.187	.438	60	402	.226	.151	.191	-.074	60	452	-.227	.117	.193	-.629
60	301	.189	.110	.150	.352	60	403	.223	.165	.335	-.115	60	453	-.263	.116	.158	-.608
60	302	.175	.110	.181	.357	60	404	.238	.131	.154	-.094	60	454	-.270	.121	.160	-.757
60	303	.169	.107	.218	.321	60	405	.221	.109	.207	-.699	60	455	-.276	.121	.177	-.735
60	304	.180	.099	.108	.537	60	406	.205	.108	.174	-.692	60	456	-.247	.099	.105	-.386
60	305	.195	.104	.104	.557	60	407	.218	.094	.108	-.566	60	457	-.241	.098	.102	-.359
60	306	.192	.107	.119	.533	60	408	.224	.106	.238	-.620	60	458	-.242	.100	.103	-.364
60	307	.187	.097	.145	.534	60	409	.214	.104	.236	-.572	60	459	-.198	.105	.162	-.715
60	308	.180	.104	.149	.534	60	410	.242	.127	.265	-.792	60	460	-.220	.107	.121	-.616
60	309	.204	.104	.117	.308	60	411	.237	.119	.241	-.735	60	461	-.158	.099	.190	-.473
60	310	.205	.106	.112	.335	60	412	.246	.126	.199	-.716	60	462	-.176	.102	.192	-.507
60	311	.205	.109	.124	.375	60	413	.229	.113	.183	-.630	60	463	-.197	.102	.173	-.522
60	312	.211	.114	.156	.320	60	414	.224	.109	.178	-.580	60	464	-.231	.100	.119	-.395
60	313	.203	.105	.196	.320	60	415	.207	.107	.175	-.574	60	465	-.246	.098	.086	-.393
60	314	.205	.104	.159	.375	60	416	.211	.104	.137	-.547	60	466	-.245	.100	.096	-.641
60	315	.188	.106	.227	.534	60	417	.227	.118	.209	-.722	60	467	-.219	.101	.111	-.558
60	316	.176	.095	.123	.538	60	418	.219	.117	.240	-.686	60	468	-.230	.120	.159	-.759
60	317	.196	.091	.093	.580	60	419	.209	.112	.213	-.688	60	469	-.218	.111	.167	-.636
60	318	.182	.090	.166	.580	60	420	.209	.110	.161	-.616	60	501	-.064	.115	.366	-.431
60	319	.185	.090	.103	.536	60	421	.200	.104	.173	-.587	60	502	-.170	.154	.730	-.339
60	320	.172	.115	.268	.538	60	422	.192	.103	.185	-.542	60	503	-.022	.113	.353	-.396
60	321	.164	.117	.251	.392	60	423	.183	.103	.178	-.518	60	504	-.166	.123	.235	-.598
60	322	.168	.114	.240	.363	60	424	.192	.095	.120	-.564	60	505	-.164	.259	.497	-.1162
60	323	.141	.118	.262	.316	60	425	.188	.094	.113	-.543	60	506	-.237	.285	.552	-.1150
60	324	.159	.101	.286	.311	60	426	.238	.107	.136	-.689	60	507	-.058	.100	.248	-.420
60	325	.178	.098	.202	.311	60	427	.183	.095	.139	-.530	60	508	-.058	.110	.432	-.306
60	326	.165	.098	.211	.310	60	428	.231	.104	.094	-.570	60	509	-.063	.108	.401	-.417
60	327	.172	.098	.230	.529	60	429	.219	.100	.088	-.538	60	510	-.073	.115	.297	-.480
60	328	.183	.099	.113	.472	60	430	.212	.096	.084	-.520	60	511	-.044	.252	.668	-.1006
60	329	.169	.099	.159	.477	60	431	.212	.096	.084	-.538	60	512	-.124	.276	.704	-.1032
60	330	.179	.099	.097	.504	60	432	.204	.100	.185	-.506	60	513	-.108	.187	.630	-.643
60	331	.140	.101	.190	.460	60	433	.184	.099	.202	-.501	60	514	-.052	.223	.674	-.785
60	332	.134	.104	.212	.326	60	434	.174	.101	.217	-.509	60	515	-.064	.112	.422	-.384
60	333	.156	.102	.200	.363	60	435	.170	.101	.220	-.486	60	516	-.087	.271	.883	-.1066
60	334	.134	.103	.206	.306	60	436	.180	.096	.231	-.486	60	517	-.012	.115	.401	-.445
60	335	.138	.100	.196	.313	60	437	.256	.107	.123	-.670	60	518	-.074	.125	.501	-.478
60	336	.158	.115	.226	.337	60	438	.184	.098	.219	-.470	60	519	-.061	.126	.542	-.388
60	337	.134	.109	.200	.319	60	439	.268	.111	.126	-.849	60	520	-.045	.128	.434	-.450
60	338	.149	.111	.222	.495	60	440	.243	.105	.134	-.691	60	521	-.083	.303	.748	-.1051
60	339	.123	.111	.251	.485	60	441	.227	.096	.146	-.565	60	522	-.133	.283	.745	-.1044
60	340	.118	.103	.236	.439	60	442	.241	.097	.084	-.621	60	523	-.009	.112	.420	-.316
60	341	.121	.101	.197	.475	60	443	.238	.098	.070	-.624	60	524	-.130	.277	.744	-.1166



APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	525	.006	.113	.440	-.369	70	9	-.158	.139	.286	-.627	70	145	-.082	.096	.216	-.433
60	526	.028	.116	.476	-.422	70	10	-.077	.103	.291	-.453	70	146	-.412	.122	-.044	-.879
60	527	.034	.113	.448	-.331	70	11	-.008	.104	.374	-.377	70	147	-.345	.119	-.095	-.757
60	528	.050	.116	.386	-.535	70	12	-.079	.106	.334	-.477	70	148	-.215	.107	-.251	-.618
60	529	.111	.291	.660	-.131	70	13	-.091	.124	.393	-.525	70	149	-.179	.098	-.159	-.544
60	530	.159	.270	.692	-.079	70	14	-.382	.139	.108	-.863	70	150	-.495	.160	-.976	-.014
60	531	.035	.112	.447	-.338	70	101	-.359	.161	.928	-.233	70	151	-.167	.094	.151	-.531
60	532	.127	.264	.639	-.409	70	102	.310	.150	.845	-.252	70	152	.446	.158	1.068	-.019
60	533	.057	.113	.353	-.367	70	103	.159	.133	.622	-.310	70	153	.432	.152	.961	-.054
60	534	.004	.120	.460	-.403	70	104	.032	.119	.494	-.405	70	154	.361	.142	.908	-.100
60	535	.014	.119	.442	-.389	70	105	-.101	.107	.346	-.580	70	155	.187	.133	.622	-.245
60	536	.038	.126	.454	-.502	70	106	-.212	.100	.239	-.628	70	156	-.045	.127	.355	-.504
60	537	.105	.285	.799	-.202	70	107	-.259	.108	.128	-.718	70	157	-.272	.139	.161	-.701
60	538	.156	.268	.872	-.101	70	108	-.177	.124	.210	-.679	70	158	-.329	.126	.053	-.772
60	539	.058	.110	.364	-.384	70	109	-.087	.102	.256	-.369	70	159	-.249	.116	.139	-.432
60	540	.095	.236	.609	-.864	70	110	-.262	.112	.077	-.925	70	160	-.089	.092	.221	-.879
60	541	.015	.112	.440	-.397	70	111	-.298	.142	.103	-.960	70	161	-.422	.121	.055	-.633
60	542	.052	.122	.524	-.347	70	112	-.245	.141	.213	-.949	70	162	-.350	.116	.004	-.763
60	543	.059	.107	.447	-.374	70	113	-.206	.129	.312	-.906	70	163	-.195	.104	.214	-.661
60	544	.055	.124	.568	-.488	70	114	-.589	.162	1.043	-.035	70	164	-.165	.102	.230	-.558
60	545	.063	.173	.668	-.495	70	115	.436	.147	.919	-.042	70	165	.414	.150	.953	-.012
60	546	.036	.185	.709	-.506	70	116	.197	.138	.668	-.215	70	166	.162	.098	.235	-.493
60	547	.061	.165	.616	-.477	70	117	-.097	.133	.342	-.482	70	167	.370	.141	.881	-.121
60	548	.019	.170	.661	-.460	70	118	-.208	.111	.153	-.558	70	168	.377	.138	.832	-.028
60	549	.334	.137	.911	-.060	70	119	-.221	.098	.106	-.512	70	169	.291	.128	.744	-.196
60	550	.306	.125	.784	-.069	70	120	-.168	.088	.136	-.442	70	170	.150	.122	.658	-.222
60	551	.223	.136	.729	-.319	70	121	-.131	.094	.170	-.468	70	171	-.040	.128	.397	-.443
60	552	.096	.162	.657	-.412	70	122	-.528	.178	.074	-.089	70	172	-.216	.134	.327	-.738
60	553	.147	.145	.635	-.368	70	123	.538	.178	1.049	-.058	70	173	-.283	.127	.111	-.703
60	554	.319	.132	.834	-.071	70	124	.428	.163	.970	-.024	70	174	-.208	.119	.198	-.655
60	555	.339	.130	.970	-.003	70	125	.236	.142	.682	-.252	70	175	-.078	.100	.283	-.469
60	556	.331	.156	1.000	-.163	70	126	-.031	.126	.440	-.477	70	176	-.357	.127	.100	-.747
60	901	-.128	.103	.229	-.463	70	127	-.241	.123	.242	-.677	70	177	-.314	.119	.088	-.727
60	902	.003	.120	.407	-.490	70	128	-.303	.115	.113	-.707	70	178	-.185	.106	.166	-.551
60	903	.336	.148	.751	-.142	70	129	-.188	.095	.234	-.484	70	179	-.155	.104	.191	-.511
60	904	.133	.099	.175	-.440	70	130	-.123	.091	.290	-.423	70	180	.305	.140	.861	-.254
60	905	.191	.100	.153	-.709	70	131	-.360	.112	.068	-.699	70	181	-.136	.095	.135	-.488
60	906	.017	.096	.336	-.408	70	132	-.328	.115	.092	-.670	70	182	.237	.129	.853	-.163
60	907	.028	.115	.463	-.389	70	133	-.270	.110	.150	-.593	70	183	.243	.128	.766	-.102
60	908	.283	.121	.744	-.095	70	134	-.192	.106	.174	-.524	70	184	.213	.126	.647	-.150
60	909	.287	.112	.654	-.085	70	135	.558	.168	1.046	-.283	70	185	.177	.122	.647	-.217
60	910	.101	.141	.643	-.489	70	136	-.193	.111	.191	-.532	70	186	-.050	.136	.396	-.530
70	1	-.047	.124	.339	-.543	70	137	.479	.168	1.017	-.059	70	187	-.215	.125	.757	-.016
70	2	-.195	.135	.192	-.913	70	138	.496	.161	1.018	-.001	70	188	-.258	.125	.801	-.143
70	3	-.280	.175	.177	-.786	70	139	.410	.147	.876	-.014	70	189	-.264	.128	.738	-.136
70	4	-.444	.134	.036	-.456	70	140	-.213	.127	.648	-.187	70	190	-.072	.128	.436	-.522
70	5	-.710	.180	.099	-.359	70	141	-.064	.136	.380	-.586	70	191	-.155	.111	.223	-.556
70	6	-.015	.117	.451	-.423	70	142	-.297	.133	.134	-.694	70	192	-.246	.112	.090	-.617
70	7	-.125	.128	.308	-.635	70	143	-.365	.123	.040	-.717	70	193	-.157	.102	.224	-.609
70	8	-.527	.165	.026	-.284	70	144	-.275	.117	.149	-.705	70	194	-.090	.091	.221	-.430

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	195	234	104	109	588	70	336	148	103	183	446	70	438	170	103	144	577
70	196	163	103	155	551	70	337	090	099	255	430	70	439	264	121	155	640
70	197	104	100	287	448	70	338	121	103	234	475	70	440	226	116	078	712
70	198	101	097	271	435	70	339	093	099	250	475	70	441	222	102	087	591
70	199	287	132	790	189	70	340	091	098	203	451	70	442	224	106	090	339
70	200	245	117	637	159	70	341	089	095	222	448	70	443	225	108	103	653
70	201	247	137	873	123	70	342	083	095	225	444	70	444	223	117	154	717
70	202	131	164	494	696	70	343	088	095	216	441	70	445	210	113	153	661
70	203	177	131	206	625	70	344	119	095	203	414	70	446	206	116	167	658
70	204	264	138	126	736	70	345	113	094	208	409	70	447	196	106	146	539
70	205	142	103	283	465	70	346	117	096	226	423	70	448	265	116	159	684
70	206	061	101	292	382	70	347	115	094	203	413	70	449	233	105	108	728
70	207	193	107	266	545	70	348	073	106	252	456	70	450	230	119	194	656
70	208	137	106	308	445	70	401	214	132	173	889	70	451	217	113	236	687
70	209	125	107	206	471	70	402	220	163	264	034	70	452	210	104	130	581
70	301	188	117	197	629	70	403	216	172	325	102	70	453	252	106	095	712
70	302	174	118	184	641	70	404	279	156	270	092	70	454	227	105	087	733
70	303	163	116	180	610	70	405	259	134	219	928	70	455	228	103	074	666
70	304	136	106	243	457	70	406	234	111	131	798	70	456	229	112	078	715
70	305	152	109	224	483	70	407	284	108	144	776	70	457	259	111	086	801
70	306	156	111	209	553	70	408	260	120	139	769	70	458	263	114	103	838
70	307	152	105	170	508	70	409	229	114	177	660	70	459	183	125	174	677
70	308	150	112	190	576	70	410	235	143	253	847	70	460	231	110	112	654
70	309	159	110	184	576	70	411	228	134	205	833	70	461	128	097	172	436
70	310	168	115	149	576	70	412	253	133	177	916	70	462	145	101	180	461
70	311	176	119	194	593	70	413	233	112	243	740	70	463	166	102	158	544
70	312	220	115	169	738	70	414	217	099	253	528	70	464	210	110	155	630
70	313	183	103	215	492	70	415	210	096	191	485	70	465	243	110	091	641
70	314	206	105	252	534	70	416	210	101	153	536	70	466	252	111	113	760
70	315	168	102	228	470	70	417	245	134	321	554	70	467	222	112	130	888
70	316	161	102	209	546	70	418	237	130	311	862	70	468	224	110	144	888
70	317	175	100	181	545	70	419	222	119	193	750	70	469	247	104	123	888
70	318	166	100	153	536	70	420	219	114	103	887	70	501	017	113	416	70
70	319	173	100	182	551	70	421	211	101	091	645	70	502	204	161	749	70
70	320	163	110	261	545	70	422	190	097	115	533	70	503	050	112	412	70
70	321	136	108	255	509	70	423	181	097	129	505	70	504	009	162	462	70
70	322	161	112	220	515	70	424	173	107	186	519	70	505	218	129	734	70
70	323	121	108	276	494	70	425	169	106	183	519	70	506	219	215	828	70
70	324	137	103	223	420	70	426	253	131	140	794	70	507	019	106	347	70
70	325	152	102	207	333	70	427	159	109	235	536	70	508	122	117	553	70
70	326	143	102	227	324	70	428	250	129	238	840	70	509	096	118	557	70
70	327	159	103	219	542	70	429	230	122	215	815	70	510	092	131	524	70
70	328	204	097	119	513	70	430	206	110	208	853	70	511	341	191	891	70
70	329	170	095	138	519	70	431	213	110	210	838	70	512	343	221	959	70
70	330	203	096	128	546	70	432	214	105	157	490	70	513	347	150	447	70
70	331	148	098	182	485	70	433	184	102	192	498	70	514	348	206	949	70
70	332	117	108	230	569	70	434	167	101	153	495	70	515	348	113	436	70
70	333	132	105	215	585	70	435	163	102	164	499	70	516	348	236	944	70
70	334	125	109	212	584	70	436	164	100	149	549	70	517	344	117	481	70
70	335	137	108	250	571	70	437	258	118	120	686	70	518	173	134	676	70

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	519	.171	.115	.597	-.185	80	3	.219	.139	.203	-.992	80	139	.276	.150	.904	-.206
70	520	.141	.130	.682	-.300	80	4	.417	.138	.009	-1.027	80	140	.006	.136	.497	-.461
70	521	.317	.197	1.052	-.313	80	5	.664	.193	-.081	-1.479	80	141	.268	.133	.178	-.665
70	522	.304	.225	1.119	-.476	80	6	.087	.109	.418	-.326	80	142	.449	.135	.027	-.876
70	523	.055	.107	.476	-.278	80	7	.073	.100	.255	-.466	80	143	.435	.118	-.046	-.809
70	524	.303	.221	.965	-.616	80	8	.551	.161	.006	-1.130	80	144	.332	.121	.050	-.891
70	525	.050	.109	.430	-.284	80	9	.243	.149	.232	-.756	80	145	.117	.105	.333	-.526
70	526	.140	.124	.605	-.230	80	10	.037	.096	.290	-.424	80	146	.420	.133	.014	-.842
70	527	.144	.114	.593	-.262	80	11	.013	.112	.449	-.396	80	147	.318	.129	.096	-.744
70	528	.132	.132	.636	-.298	80	12	.071	.117	.417	-.461	80	148	.159	.113	.196	-.594
70	529	.293	.195	1.110	-.497	80	13	.165	.136	.287	-.657	80	149	.114	.098	.203	-.511
70	530	.275	.221	1.148	-.468	80	14	.438	.145	.010	-1.006	80	150	.441	.185	.007	-.235
70	531	.015	.108	.389	-.375	80	101	.315	.165	.809	-.219	80	151	.105	.095	.165	-.487
70	532	.226	.209	.639	-.417	80	102	.230	.150	.669	-.301	80	152	.400	.185	.967	-.326
70	533	.071	.105	.378	-.340	80	103	.054	.130	.497	-.418	80	153	.371	.169	.981	-.345
70	534	.112	.116	.526	-.231	80	104	.085	.115	.308	-.453	80	154	.219	.141	.700	-.170
70	535	.119	.128	.579	-.245	80	105	.209	.106	.120	-.572	80	155	.005	.129	.434	-.449
70	536	.238	.188	.981	-.453	80	106	.292	.106	.027	-.660	80	156	.453	.136	.175	-.774
70	537	.223	.213	.967	-.311	80	107	.305	.117	.038	-.650	80	157	.446	.141	.061	-.975
70	538	.005	.104	.336	-.338	80	108	.232	.141	.208	-1.018	80	158	.446	.125	.065	-.882
70	539	.197	.185	.795	-.416	80	109	.130	.110	.223	-.553	80	159	.334	.124	.033	-.779
70	540	.037	.103	.465	-.293	80	110	.276	.125	.049	-.873	80	160	.118	.097	.133	-.442
70	541	.121	.112	.555	-.227	80	111	.314	.137	.097	-.858	80	161	.404	.122	.044	-.769
70	542	.142	.112	.555	-.264	80	112	.189	.120	.173	-.694	80	162	.301	.114	.030	-.642
70	543	.176	.121	.601	-.227	80	113	.160	.114	.196	-.593	80	163	.136	.099	.185	-.436
70	544	.230	.140	.684	-.281	80	114	.517	.210	1.095	-.352	80	164	.110	.097	.215	-.404
70	545	.225	.149	.720	-.412	80	115	.279	.136	.829	-.160	80	165	.362	.167	1.027	-.279
70	546	.227	.135	.720	-.233	80	116	.023	.125	.532	-.450	80	166	.093	.093	.249	-.365
70	547	.199	.144	.616	-.249	80	117	.320	.128	.080	-.792	80	167	.333	.161	1.060	-.439
70	548	.292	.129	.796	-.056	80	118	.360	.113	.019	-.732	80	168	.302	.144	1.014	-.190
70	549	.267	.122	.742	-.070	80	119	.312	.101	-.002	-.683	80	169	.177	.137	.634	-.271
70	550	.064	.144	.515	-.541	80	120	.219	.092	.066	-.559	80	170	.055	.129	.482	-.440
70	551	.233	.141	.773	-.171	80	121	.157	.098	.213	-.476	80	171	.232	.129	.142	-.642
70	552	.247	.134	.794	-.179	80	122	.503	.262	1.116	-.170	80	172	.332	.132	.021	-.798
70	553	.264	.124	.855	-.063	80	123	.455	.185	1.112	-.049	80	173	.273	.122	.022	-.787
70	554	.289	.122	.920	-.119	80	124	.280	.158	.799	-.167	80	174	.292	.117	.079	-.726
70	555	.156	.156	.798	-.285	80	125	.021	.128	.472	-.396	80	175	.204	.095	.231	-.436
70	901	.195	.102	.710	-.522	80	126	.332	.114	.134	-.596	80	176	.208	.121	.101	-.702
70	902	.161	.123	.346	-.774	80	127	.393	.116	-.070	-.784	80	177	.205	.110	.153	-.621
70	903	.183	.131	.608	-.336	80	128	.388	.109	.032	-.761	80	178	.098	.096	.195	-.464
70	904	.101	.097	.258	-.410	80	129	.351	.103	.160	-.630	80	179	.083	.095	.211	-.432
70	905	.133	.098	.178	-.423	80	130	.173	.097	.201	-.513	80	180	.262	.161	.954	-.405
70	906	.091	.097	.276	-.395	80	131	.340	.117	.019	-.765	80	181	.053	.101	.312	-.427
70	907	.131	.113	.279	-.486	80	132	.290	.118	.097	-.739	80	182	.211	.162	.809	-.553
70	908	.169	.114	.636	-.167	80	133	.176	.107	.205	-.537	80	183	.210	.139	.760	-.302
70	909	.215	.115	.604	-.227	80	134	.137	.105	.208	-.487	80	184	.142	.129	.600	-.304
70	910	.225	.122	.865	-.194	80	135	.524	.188	1.097	-.187	80	185	.045	.115	.448	-.392
80	1	.088	.113	.439	-.271	80	136	.129	.105	.243	-.491	80	186	.225	.121	.227	-.621
80	2	.094	.109	.221	-.572	80	137	.497	.186	1.081	-.154	80	187	.115	.116	.520	-.366
80						80	138	.466	.168	1.093	-.073	80	188	.152	.125	.568	-.386

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	189	.156	.128	.590	-.261	80	330	-.114	.115	.259	-.680	80	432	-.291	.136	.342	-.762
80	190	-.230	.141	.171	-.762	80	331	-.066	.105	.243	-.433	80	433	-.280	.128	.120	-.921
80	191	-.255	.127	.142	-.702	80	332	-.061	.098	.278	-.414	80	434	-.239	.118	.153	-.715
80	192	-.292	.127	.093	-.719	80	333	-.074	.095	.226	-.388	80	435	-.223	.116	.163	-.699
80	193	-.206	.112	.127	-.656	80	334	-.075	.099	.238	-.408	80	436	-.220	.114	.148	-.591
80	194	-.112	.102	.184	-.464	80	335	-.081	.100	.299	-.427	80	437	-.221	.137	.226	-.706
80	195	-.146	.112	.214	-.579	80	336	-.094	.099	.267	-.497	80	438	-.241	.117	.106	-.676
80	196	-.086	.106	.285	-.459	80	337	-.050	.095	.277	-.436	80	439	-.182	.136	.223	-.732
80	197	-.070	.096	.269	-.436	80	338	-.075	.098	.233	-.436	80	440	-.159	.135	.259	-.704
80	198	-.075	.095	.264	-.383	80	339	-.046	.094	.283	-.347	80	441	-.171	.141	.255	-.839
80	199	-.211	.157	.826	-.310	80	340	-.042	.103	.385	-.380	80	442	-.304	.142	.114	-.833
80	200	-.161	.131	.729	-.319	80	341	-.039	.101	.375	-.358	80	443	-.317	.127	.080	-.888
80	201	-.183	.125	.723	-.181	80	342	-.037	.101	.370	-.344	80	444	-.289	.117	.054	-.839
80	202	-.308	.150	.100	-.929	80	343	-.034	.100	.371	-.336	80	445	-.282	.119	.069	-.839
80	203	-.270	.124	.105	-.699	80	344	-.035	.097	.304	-.364	80	446	-.284	.107	.073	-.839
80	204	-.309	.131	.093	-.791	80	345	-.039	.097	.304	-.368	80	447	-.154	.125	.199	-.833
80	205	-.186	.112	.198	-.566	80	346	-.044	.097	.304	-.372	80	448	-.122	.133	.071	-.855
80	206	-.104	.101	.236	-.477	80	347	-.038	.096	.302	-.366	80	449	-.126	.116	.216	-.644
80	207	-.112	.108	.263	-.548	80	348	-.033	.098	.304	-.346	80	450	-.129	.116	.353	-.411
80	208	-.075	.102	.269	-.503	80	401	-.213	.151	.224	-.852	80	451	-.126	.116	.251	-.533
80	209	-.062	.100	.242	-.458	80	402	-.209	.183	.428	-.008	80	452	-.129	.121	.229	-.823
80	301	-.128	.112	.318	-.530	80	403	-.220	.199	.365	-.440	80	453	-.117	.138	.229	-.823
80	302	-.109	.113	.281	-.515	80	404	-.257	.186	.215	-.466	80	454	-.117	.153	.256	-.851
80	303	-.095	.109	.295	-.494	80	405	-.293	.176	.282	-.370	80	455	-.117	.153	.105	-.455
80	304	-.107	.113	.256	-.486	80	406	-.280	.134	.150	-.087	80	456	-.117	.152	.069	-.176
80	305	-.130	.118	.285	-.547	80	407	-.336	.123	.055	-.792	80	457	-.117	.148	.039	-.034
80	306	-.137	.125	.235	-.718	80	408	-.402	.143	.054	-.991	80	458	-.117	.151	.074	-.039
80	307	-.125	.114	.238	-.570	80	409	-.364	.136	.095	-.910	80	459	-.117	.114	.275	-.688
80	308	-.121	.102	.193	-.481	80	410	-.210	.171	.320	-.997	80	460	-.117	.144	.044	-.334
80	309	-.122	.097	.171	-.472	80	411	-.209	.160	.277	-.914	80	461	-.117	.094	.263	-.334
80	310	-.132	.106	.205	-.505	80	412	-.325	.167	.213	-.912	80	462	-.117	.097	.259	-.706
80	311	-.147	.114	.211	-.515	80	413	-.326	.140	.154	-.818	80	463	-.117	.101	.262	-.558
80	312	-.155	.136	.263	-.669	80	414	-.323	.131	.168	-.836	80	464	-.117	.120	.247	-.698
80	313	-.114	.116	.232	-.597	80	415	-.290	.121	.140	-.688	80	465	-.117	.126	.220	-.630
80	314	-.145	.126	.240	-.650	80	416	-.249	.122	.165	-.662	80	466	-.117	.133	.226	-.657
80	315	-.096	.113	.250	-.481	80	417	-.197	.157	.271	-.901	80	467	-.117	.156	.189	-.020
80	316	-.120	.105	.209	-.476	80	418	-.191	.152	.208	-.822	80	468	-.117	.162	.078	-.039
80	317	-.131	.102	.197	-.485	80	419	-.193	.143	.279	-.807	80	469	-.117	.144	.058	-.049
80	318	-.130	.104	.188	-.523	80	420	-.220	.142	.312	-.956	80	501	-.117	.120	.403	-.437
80	319	-.143	.106	.200	-.555	80	421	-.261	.142	.194	-.091	80	502	-.117	.151	.715	-.677
80	320	-.143	.107	.331	-.519	80	422	-.257	.129	.128	-.886	80	503	-.117	.131	.537	-.441
80	321	-.093	.098	.259	-.411	80	423	-.221	.120	.135	-.657	80	504	-.117	.146	.605	-.333
80	322	-.138	.108	.293	-.491	80	424	-.227	.115	.154	-.673	80	505	-.117	.171	.930	-.522
80	323	-.082	.099	.311	-.377	80	425	-.222	.113	.157	-.632	80	506	-.117	.182	.994	-.522
80	324	-.080	.102	.365	-.447	80	426	-.204	.135	.249	-.809	80	507	-.117	.119	.489	-.522
80	325	-.095	.100	.333	-.392	80	427	-.199	.114	.163	-.575	80	508	-.117	.131	.699	-.484
80	326	-.097	.102	.345	-.432	80	428	-.202	.137	.309	-.717	80	509	-.117	.134	.679	-.484
80	327	-.112	.105	.312	-.458	80	429	-.190	.129	.316	-.696	80	510	-.117	.151	.866	-.544
80	328	-.124	.115	.223	-.625	80	430	-.186	.119	.338	-.695	80	511	-.117	.172	.1070	-.544
80	329	-.083	.105	.237	-.480	80	431	-.240	.127	.270	-.697	80	512	-.117	.179	.112	-.223

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAB COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	907	.236	.124	.181	-.710	80	907	.236	.124	.181	-.710	90	133	-.118	.096	.209	-.535
80	908	.044	.118	.463	-.393	80	908	.044	.118	.463	-.393	90	134	-.089	.095	.219	-.513
80	909	.134	.120	.609	-.243	80	909	.134	.120	.609	-.243	90	135	-.246	.263	.990	-.852
80	910	.257	.125	.557	.168	80	910	.257	.125	.557	.168	90	136	-.060	.094	.296	-.486
80	1	.118	.166	.301	-.301	80	1	.118	.166	.301	-.301	90	137	-.189	.268	.966	-.726
80	2	.036	.103	.400	-.400	80	2	.036	.103	.400	-.400	90	138	-.202	.203	.860	-.611
80	3	.125	.108	.325	-.581	80	3	.125	.108	.325	-.581	90	139	-.031	.152	.563	-.443
80	4	.372	.130	.186	-.920	80	4	.372	.130	.186	-.920	90	140	-.483	.333	.060	-.624
80	5	.081	.180	.445	-.548	80	5	.081	.180	.445	-.548	90	141	-.611	.143	.219	-.982
80	6	.094	.100	.445	-.235	80	6	.094	.100	.445	-.235	90	142	-.346	.132	.027	-.770
80	7	.035	.098	.341	-.424	80	7	.035	.098	.341	-.424	90	143	-.069	.099	.268	-.405
80	8	.614	.161	-.053	-.171	80	8	.614	.161	-.053	-.171	90	144	-.042	.095	.257	-.428
80	9	.167	.167	-.176	-.934	80	9	.167	.167	-.176	-.934	90	145	-.195	.271	.927	-.1019
80	10	.066	.097	.381	-.441	80	10	.066	.097	.381	-.441	90	146	-.069	.099	.268	-.405
80	11	.037	.107	.384	-.300	80	11	.037	.107	.384	-.300	90	147	-.042	.095	.257	-.428
80	12	.014	.113	.331	-.369	80	12	.014	.113	.331	-.369	90	148	-.195	.271	.927	-.1019
80	13	.167	.139	.278	-.606	80	13	.167	.139	.278	-.606	90	149	-.038	.094	.268	-.405
80	14	.500	.138	.040	-.171	80	14	.500	.138	.040	-.171	90	150	-.166	.280	.958	-.899
80	101	.083	.196	.617	-.856	80	101	.083	.196	.617	-.856	90	151	-.205	.196	.869	-.754
80	102	.049	.143	.491	-.539	80	102	.049	.143	.491	-.539	90	152	-.032	.032	.137	-.283
80	103	.097	.119	.293	-.535	80	103	.097	.119	.293	-.535	90	153	-.468	.449	.449	-.533
80	104	.211	.168	.149	-.688	80	104	.211	.168	.149	-.688	90	154	-.222	.129	.283	-.722
80	105	.292	.104	.023	-.641	80	105	.292	.104	.023	-.641	90	155	-.468	.449	.449	-.533
80	106	.334	.168	.068	-.830	80	106	.334	.168	.068	-.830	90	156	-.142	.053	.053	-.997
80	107	.367	.151	.050	-.502	80	107	.367	.151	.050	-.502	90	157	-.156	.156	.156	-.156
80	108	.321	.147	.103	-.050	80	108	.321	.147	.103	-.050	90	158	-.322	.322	.322	.322
80	109	.189	.120	.179	-.616	80	109	.189	.120	.179	-.616	90	159	-.113	.113	.113	.113
80	110	.359	.146	.165	-.916	80	110	.359	.146	.165	-.916	90	160	-.294	.115	.099	-.791
80	111	.278	.128	.150	-.879	80	111	.278	.128	.150	-.879	90	161	-.174	.168	.199	-.678
80	112	.145	.109	.240	-.541	80	112	.145	.109	.240	-.541	90	162	-.057	.097	.241	-.509
80	113	.133	.107	.207	-.497	80	113	.133	.107	.207	-.497	90	163	-.045	.097	.254	-.483
80	114	.114	.265	1.035	-.675	80	114	.114	.265	1.035	-.675	90	164	-.128	.265	.784	-.1142
80	115	.089	.130	.568	-.438	80	115	.089	.130	.568	-.438	90	165	-.050	.097	.303	-.412
80	116	.242	.128	.200	-.717	80	116	.242	.128	.200	-.717	90	166	-.094	.251	.679	-.1429
80	117	.457	.133	.050	-.888	80	117	.457	.133	.050	-.888	90	167	-.135	.184	.620	-.976
80	118	.427	.118	.003	-.799	80	118	.427	.118	.003	-.799	90	168	-.015	.144	.430	-.594
80	119	.329	.106	.038	-.660	80	119	.329	.106	.038	-.660	90	169	-.015	.144	.430	-.594
80	120	.097	.097	.091	-.603	80	120	.097	.097	.091	-.603	90	170	-.400	.144	.153	-.927
80	121	.143	.097	.195	-.517	80	121	.143	.097	.195	-.517	90	171	-.500	.147	.002	-.1100
80	122	.088	.254	.990	-.766	80	122	.088	.254	.990	-.766	90	172	-.339	.131	.016	-.835
80	123	.233	.196	.874	-.719	80	123	.233	.196	.874	-.719	90	173	-.233	.131	.016	-.835
80	124	.073	.139	.574	-.366	80	124	.073	.139	.574	-.366	90	174	-.233	.131	.016	-.835
80	125	.184	.133	.330	-.610	80	125	.184	.133	.330	-.610	90	175	-.166	.114	.196	-.590
80	126	.410	.131	.026	-.838	80	126	.410	.131	.026	-.838	90	176	-.085	.104	.273	-.447
80	127	.505	.135	-.053	-.910	80	127	.505	.135	-.053	-.910	90	177	-.054	.098	.363	-.377
80	128	.433	.124	.014	-.858	80	128	.433	.124	.014	-.858	90	178	-.047	.098	.358	-.375
80	129	.272	.107	.113	-.679	80	129	.272	.107	.113	-.679	90	179	-.023	.243	.856	-.1057
80	130	.184	.102	.237	-.528	80	130	.184	.102	.237	-.528	90	180	-.033	.207	.687	-.1083
80	131	.276	.110	.133	-.635	80	131	.276	.110	.133	-.635	90	181	-.033	.207	.687	-.1083
80	132	.218	.108	.156	-.582	80	132	.218	.108	.156	-.582	90	182	-.033	.207	.687	-.1083

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	183	.076	.149	.594	-.591	90	324	-.032	.090	.300	-.384	90	426	-.048	.121	.358	-.358
90	184	-.010	.136	.418	-.609	90	325	-.038	.089	.274	-.377	90	427	-.334	.143	.102	-.925
90	185	-.103	.116	.310	-.512	90	326	-.042	.094	.332	-.392	90	428	-.065	.109	.271	-.537
90	186	-.327	.125	.090	-.733	90	327	-.044	.096	.338	-.476	90	429	-.056	.112	.326	-.552
90	187	-.030	.128	.435	-.453	90	328	-.044	.102	.354	-.477	90	430	-.078	.126	.319	-.637
90	188	-.026	.135	.429	-.455	90	329	-.041	.094	.328	-.386	90	431	-.151	.148	.366	-.725
90	189	-.020	.132	.477	-.509	90	330	-.039	.097	.362	-.460	90	432	-.256	.164	.341	-.825
90	190	-.365	.127	-.014	-.875	90	331	-.039	.097	.323	-.396	90	433	-.369	.162	.367	-.958
90	191	-.325	.114	-.007	-.729	90	332	-.044	.092	.340	-.403	90	434	-.361	.138	.092	-.086
90	192	-.274	.115	.098	-.647	90	333	-.049	.089	.326	-.380	90	435	-.338	.134	.098	-.277
90	193	-.167	.111	.173	-.526	90	334	-.051	.094	.296	-.378	90	436	-.325	.125	.023	-.855
90	194	-.129	.106	.257	-.500	90	335	-.049	.092	.270	-.370	90	437	-.042	.114	.394	-.563
90	195	-.069	.102	.265	-.428	90	336	-.031	.100	.353	-.424	90	438	-.342	.139	.042	-.029
90	196	-.043	.101	.381	-.369	90	337	-.024	.098	.321	-.339	90	439	-.039	.113	.396	-.533
90	197	-.029	.101	.381	-.443	90	338	-.040	.101	.312	-.372	90	440	-.048	.114	.401	-.478
90	198	-.038	.102	.354	-.448	90	339	-.015	.101	.336	-.314	90	441	-.056	.128	.392	-.494
90	199	-.059	.171	.608	-.504	90	340	-.031	.090	.259	-.303	90	442	-.134	.154	.485	-.692
90	200	-.029	.147	.441	-.493	90	341	-.025	.088	.248	-.337	90	443	-.267	.175	.293	-.905
90	201	-.027	.139	.467	-.397	90	342	-.029	.090	.265	-.361	90	444	-.363	.176	.285	-.014
90	202	-.388	.145	.061	-.889	90	343	-.028	.091	.271	-.370	90	445	-.375	.153	.056	-.054
90	203	-.293	.122	.090	-.652	90	344	-.011	.094	.331	-.313	90	446	-.371	.152	.079	-.331
90	204	-.248	.120	.131	-.649	90	345	-.008	.094	.328	-.311	90	447	-.373	.149	.085	-.028
90	205	-.180	.112	.202	-.542	90	346	-.009	.095	.330	-.325	90	448	-.049	.105	.306	-.392
90	206	-.135	.105	.232	-.488	90	347	-.011	.094	.325	-.303	90	449	-.424	.166	.139	-.083
90	207	-.072	.104	.283	-.410	90	348	-.011	.097	.406	-.308	90	450	-.045	.102	.276	-.459
90	208	-.056	.102	.266	-.381	90	401	-.094	.110	.244	-.578	90	451	-.025	.100	.324	-.391
90	209	-.051	.101	.299	-.430	90	402	-.065	.130	.335	-.796	90	452	-.030	.110	.371	-.549
90	301	-.083	.103	.269	-.445	90	403	-.077	.156	.360	-.113	90	453	-.060	.127	.351	-.644
90	302	-.069	.104	.288	-.391	90	404	-.145	.196	.339	-.078	90	454	-.170	.171	.401	-.892
90	303	-.065	.104	.286	-.442	90	405	-.246	.217	.302	-.311	90	455	-.356	.186	.349	-.972
90	304	-.071	.108	.413	-.542	90	406	-.362	.180	.191	-.405	90	456	-.425	.186	.133	-.269
90	305	-.083	.110	.362	-.568	90	407	-.462	.154	.066	-.059	90	457	-.422	.172	.085	-.194
90	306	-.080	.110	.340	-.589	90	408	-.520	.140	-.089	-.030	90	458	-.424	.173	.108	-.276
90	307	-.081	.106	.302	-.454	90	409	-.508	.141	-.070	-.980	90	459	-.035	.101	.279	-.386
90	308	-.085	.107	.289	-.532	90	410	-.047	.138	.416	-.787	90	460	-.522	.218	.138	-.378
90	309	-.088	.104	.284	-.473	90	411	-.101	.128	.349	-.785	90	461	-.024	.093	.306	-.415
90	310	-.100	.110	.296	-.511	90	412	-.134	.154	.393	-.790	90	462	-.023	.095	.311	-.422
90	311	-.109	.112	.273	-.561	90	413	-.216	.146	.223	-.909	90	463	-.030	.095	.281	-.420
90	312	-.096	.113	.313	-.573	90	414	-.372	.145	.248	-.887	90	464	-.036	.105	.283	-.412
90	313	-.053	.105	.354	-.470	90	415	-.425	.141	-.029	-.902	90	465	-.070	.115	.286	-.490
90	314	-.082	.114	.302	-.683	90	416	-.383	.131	.037	-.846	90	466	-.163	.138	.254	-.647
90	315	-.035	.102	.326	-.427	90	417	-.070	.109	.300	-.492	90	467	-.322	.165	.158	-.075
90	316	-.023	.100	.370	-.346	90	418	-.081	.121	.360	-.498	90	468	-.494	.230	.080	-.500
90	317	-.042	.097	.363	-.325	90	419	-.084	.142	.429	-.687	90	469	-.431	.205	.128	-.306
90	318	-.057	.105	.366	-.568	90	420	-.151	.154	.352	-.802	90	501	-.050	.124	.579	-.440
90	319	-.060	.110	.384	-.590	90	421	-.295	.188	.284	-.606	90	502	-.246	.141	.794	-.261
90	320	-.063	.107	.342	-.516	90	422	-.407	.158	.143	-.026	90	503	-.179	.144	.792	-.301
90	321	-.030	.098	.369	-.345	90	423	-.398	.134	.105	-.908	90	504	-.245	.159	.852	-.335
90	322	-.052	.105	.312	-.479	90	424	-.373	.146	.086	-.858	90	505	-.434	.180	.994	-.186
90	323	-.034	.099	.375	-.351	90	425	-.354	.143	.088	-.853	90	506	-.451	.185	1.103	-.260

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
90	507	.012	.120	.487	-.389	90	901	-.246	.107	.128	-.640	100	127	-.548	.133	-.061	-1.064
90	508	.242	.139	.692	-.203	90	902	-.375	.127	.092	-.827	100	128	-.430	.118	-.021	-.820
90	509	.286	.146	.759	-.137	90	903	-.208	.127	.236	-.629	100	129	-.315	.110	-.039	-.731
90	510	.405	.169	.948	-.139	90	904	-.027	.096	.303	-.393	100	130	-.175	.100	-.184	-.550
90	511	.620	.177	.251	-.055	90	905	-.064	.092	.266	-.471	100	131	-.278	.108	-.055	-.652
90	512	.598	.178	.272	-.015	90	906	-.128	.098	.199	-.537	100	132	-.252	.110	-.117	-.650
90	513	.575	.172	.175	-.038	90	907	-.244	.104	.102	-.626	100	133	-.150	.099	-.177	-.499
90	514	.617	.178	.241	-.025	90	908	-.078	.117	.358	-.544	100	134	-.116	.099	-.239	-.426
90	515	.122	.122	.511	-.311	90	909	-.005	.129	.365	-.445	100	135	-.386	.315	-.555	-1.626
90	516	.554	.180	.241	-.000	90	910	-.280	.124	.848	-.137	100	136	-.110	.099	-.296	-1.404
90	517	.143	.126	.550	-.253	100	1	-.063	.113	.409	-.321	100	137	-.420	.327	-.529	-1.450
90	518	.301	.150	.825	-.121	100	2	-.040	.105	.310	-.395	100	138	-.301	.332	-.431	-1.391
90	519	.350	.140	.840	-.056	100	3	-.076	.114	.333	-.511	100	139	-.240	.138	-.194	-.771
90	520	.481	.160	.059	-.020	100	4	-.297	.131	.087	-.790	100	140	-.446	.134	-.446	-1.010
90	521	.576	.179	.216	-.039	100	5	-.563	.170	.495	-.192	100	141	-.633	.153	-.166	-1.125
90	522	.534	.185	.194	-.094	100	6	-.021	.117	.495	-.549	100	142	-.647	.145	-.222	-1.115
90	523	.092	.126	.493	-.321	100	7	-.026	.125	.466	-.442	100	143	-.499	.135	-.135	-.959
90	524	.486	.177	.031	-.012	100	8	-.531	.147	-.040	-.100	100	144	-.251	.112	-.136	-.690
90	525	.094	.128	.504	-.314	100	9	-.402	.162	.246	-.339	100	145	-.127	.098	.231	-.494
90	526	.258	.136	.752	-.142	100	10	-.045	.123	.358	-.301	100	146	-.220	.108	.136	-.595
90	527	.293	.146	.787	-.123	100	11	-.058	.108	.317	-.501	100	147	-.157	.100	.132	-.494
90	528	.408	.164	.956	-.022	100	12	-.113	.130	.379	-.677	100	148	-.109	.093	.202	-.429
90	529	.488	.177	.096	-.045	100	13	-.231	.171	.375	-.062	100	149	-.098	.093	.204	-.466
90	530	.448	.180	.093	-.154	100	14	-.450	.131	-.061	-.958	100	150	-.414	.325	.500	-1.498
90	531	.066	.127	.508	-.303	100	101	-.343	.235	.305	-.315	100	151	-.025	.097	.203	-.500
90	532	.406	.169	.043	-.067	100	102	-.181	.154	.274	-.865	100	152	-.425	.339	.610	-1.488
90	533	.025	.126	.503	-.431	100	103	-.245	.112	.123	-.720	100	153	-.283	.332	.523	-1.626
90	534	.180	.146	.741	-.264	100	104	-.327	.107	.012	-.738	100	154	-.240	.147	.248	-.897
90	535	.254	.133	.731	-.117	100	105	-.350	.102	.001	-.735	100	155	-.433	.149	.433	-1.032
90	536	.360	.148	.895	-.022	100	106	-.382	.122	.018	-.959	100	156	-.579	.156	.151	-1.108
90	537	.421	.165	.178	-.010	100	107	-.550	.212	-.039	-.241	100	157	-.584	.148	.142	-1.061
90	538	.386	.170	.144	-.101	100	108	-.460	.164	.020	-.087	100	158	-.418	.135	.017	-.906
90	539	.002	.127	.523	-.433	100	109	-.301	.122	.147	-.829	100	159	-.201	.106	.112	-.641
90	540	.304	.146	.860	-.205	100	110	-.392	.134	-.060	-.960	100	160	-.102	.097	.202	-.496
90	541	.005	.125	.437	-.449	100	111	-.242	.112	.119	-.754	100	161	-.151	.105	.205	-.502
90	542	.160	.124	.579	-.227	100	112	-.151	.102	.226	-.652	100	162	-.101	.097	.204	-.453
90	543	.204	.126	.768	-.119	100	113	-.149	.108	.277	-.581	100	163	-.088	.097	.204	-.453
90	544	.274	.130	.801	-.099	100	114	-.374	.218	.610	-.142	100	164	-.086	.098	.204	-.453
90	545	.267	.133	.806	-.158	100	115	-.173	.160	.295	-.793	100	165	-.430	.301	.446	-1.437
90	546	.252	.132	.800	-.176	100	116	-.406	.121	-.006	-.778	100	166	-.092	.105	.222	-.554
90	547	.292	.125	.889	-.071	100	117	-.549	.134	.139	-.002	100	167	-.412	.286	.363	-1.503
90	548	.279	.123	.780	-.045	100	118	-.450	.119	-.086	-.850	100	168	-.274	.279	.398	-1.308
90	549	.064	.148	.670	-.416	100	119	-.353	.108	.047	-.685	100	169	-.207	.132	.358	-.662
90	550	.040	.139	.572	-.406	100	120	-.304	.110	-.012	-.755	100	170	-.332	.127	.124	-.782
90	551	.188	.113	.227	-.632	100	121	-.152	.110	.209	-.571	100	171	-.419	.131	.003	-.867
90	552	.342	.134	.918	-.031	100	122	-.402	.303	.637	-.175	100	172	-.397	.132	.046	-.860
90	553	.319	.127	.844	-.057	100	123	-.283	.287	.370	-.374	100	173	-.294	.151	.222	-.894
90	554	.074	.132	.494	-.384	100	124	-.207	.145	.299	-.818	100	174	-.166	.120	.272	-.594
90	555	.181	.176	.823	-.439	100	125	-.387	.124	-.089	-.823	100	175	-.124	.126	.376	-.680
90	556	.080	.141	.560	-.527	100	126	-.524	.129	-.069	-.970	100	176	-.114	.128	.314	-.709

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	177	.084	.124	.324	-.333	100	418	.057	.108	.428	-.424	100	468	.233	.251	.493	-.108
100	178	.079	.117	.310	-.495	100	419	.016	.110	.425	-.424	100	469	.228	.233	.493	-.108
100	179	.080	.120	.318	-.562	100	420	.115	.106	.438	-.435	100	470	.222	.222	.493	-.108
100	180	.314	.285	.470	-.508	100	421	.112	.105	.444	-.435	100	471	.217	.217	.493	-.108
100	181	.080	.103	.282	-.537	100	422	.079	.100	.448	-.429	100	472	.212	.212	.493	-.108
100	182	.311	.266	.269	-.623	100	423	.099	.099	.452	-.422	100	473	.207	.207	.493	-.108
100	183	.132	.160	.242	-.448	100	424	.070	.099	.456	-.415	100	474	.202	.202	.493	-.108
100	184	.177	.146	.222	-.467	100	425	.099	.100	.460	-.410	100	475	.197	.197	.493	-.108
100	185	.218	.116	.200	-.486	100	426	.045	.104	.464	-.405	100	476	.192	.192	.493	-.108
100	186	.314	.112	.177	-.496	100	427	.041	.100	.468	-.400	100	477	.187	.187	.493	-.108
100	187	.176	.135	.167	-.521	100	428	.037	.102	.472	-.395	100	478	.182	.182	.493	-.108
100	188	.180	.132	.167	-.539	100	429	.040	.101	.476	-.390	100	479	.177	.177	.493	-.108
100	189	.167	.141	.167	-.558	100	430	.038	.098	.480	-.385	100	480	.172	.172	.493	-.108
100	190	.353	.137	.142	-.579	100	431	.081	.099	.484	-.380	100	481	.167	.167	.493	-.108
100	191	.252	.124	.121	-.599	100	432	.075	.097	.488	-.375	100	482	.162	.162	.493	-.108
100	192	.172	.114	.122	-.620	100	433	.067	.099	.492	-.370	100	483	.157	.157	.493	-.108
100	193	.138	.109	.124	-.648	100	434	.067	.103	.496	-.365	100	484	.152	.152	.493	-.108
100	194	.138	.110	.124	-.677	100	435	.061	.102	.500	-.360	100	485	.147	.147	.493	-.108
100	195	.114	.109	.124	-.706	100	436	.053	.105	.504	-.355	100	486	.142	.142	.493	-.108
100	196	.101	.106	.124	-.735	100	437	.053	.105	.508	-.350	100	487	.137	.137	.493	-.108
100	197	.093	.100	.124	-.764	100	438	.042	.108	.512	-.345	100	488	.132	.132	.493	-.108
100	198	.099	.103	.124	-.793	100	439	.038	.107	.516	-.340	100	489	.127	.127	.493	-.108
100	199	.184	.145	.141	-.822	100	440	.041	.100	.520	-.335	100	490	.122	.122	.493	-.108
100	200	.187	.134	.129	-.851	100	441	.039	.097	.524	-.330	100	491	.117	.117	.493	-.108
100	201	.165	.144	.129	-.880	100	442	.038	.097	.528	-.325	100	492	.112	.112	.493	-.108
100	202	.391	.136	.129	-.909	100	443	.038	.097	.532	-.320	100	493	.107	.107	.493	-.108
100	203	.250	.121	.150	-.938	100	444	.041	.098	.536	-.315	100	494	.102	.102	.493	-.108
100	204	.181	.113	.167	-.967	100	445	.041	.098	.540	-.310	100	495	.097	.097	.493	-.108
100	205	.128	.103	.176	-.996	100	446	.045	.102	.544	-.305	100	496	.092	.092	.493	-.108
100	206	.121	.100	.176	-.1025	100	447	.044	.101	.548	-.300	100	497	.087	.087	.493	-.108
100	207	.099	.102	.176	-.1054	100	448	.045	.102	.552	-.295	100	498	.082	.082	.493	-.108
100	208	.093	.102	.176	-.1083	100	449	.050	.102	.556	-.290	100	499	.077	.077	.493	-.108
100	209	.120	.107	.176	-.1112	100	450	.050	.102	.560	-.285	100	500	.072	.072	.493	-.108
100	210	.143	.100	.176	-.1141	100	451	.050	.102	.564	-.280	100	501	.067	.067	.493	-.108
100	211	.129	.102	.176	-.1170	100	452	.050	.102	.568	-.275	100	502	.062	.062	.493	-.108
100	212	.124	.103	.176	-.1199	100	453	.050	.102	.572	-.270	100	503	.057	.057	.493	-.108
100	213	.092	.133	.176	-.1228	100	454	.050	.102	.576	-.265	100	504	.052	.052	.493	-.108
100	214	.098	.132	.176	-.1257	100	455	.050	.102	.580	-.260	100	505	.047	.047	.493	-.108
100	215	.090	.131	.176	-.1286	100	456	.050	.102	.584	-.255	100	506	.042	.042	.493	-.108
100	216	.103	.130	.176	-.1315	100	457	.050	.102	.588	-.250	100	507	.037	.037	.493	-.108
100	217	.102	.095	.176	-.1344	100	458	.050	.102	.592	-.245	100	508	.032	.032	.493	-.108
100	218	.100	.093	.176	-.1373	100	459	.050	.102	.596	-.240	100	509	.027	.027	.493	-.108
100	219	.104	.096	.176	-.1402	100	460	.050	.102	.600	-.235	100	510	.022	.022	.493	-.108
100	220	.114	.097	.176	-.1431	100	461	.050	.102	.604	-.230	100	511	.017	.017	.493	-.108
100	221	.096	.098	.176	-.1460	100	462	.050	.102	.608	-.225	100	512	.012	.012	.493	-.108
100	222	.086	.097	.176	-.1489	100	463	.050	.102	.612	-.220	100	513	.007	.007	.493	-.108
100	223	.072	.097	.176	-.1518	100	464	.050	.102	.616	-.215	100	514	.002	.002	.493	-.108
100	224	.083	.097	.176	-.1547	100	465	.050	.102	.620	-.210	100	515	.000	.000	.493	-.108
100	225	.119	.108	.176	-.1576	100	466	.050	.102	.624	-.205	100	516	.000	.000	.493	-.108
100	226	.116	.104	.176	-.1605	100	467	.050	.102	.628	-.200	100	517	.000	.000	.493	-.108



APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	501	.123	.136	.591	-.311	100	551	-.214	.112	.189	-.566	110	121	-.210	.131	.338	-.703
100	502	.293	.150	.795	-.266	100	552	.351	.160	.995	-.159	110	122	-1.145	.443	.058	-2.496
100	503	.317	.155	.842	-.238	100	553	.312	.151	.941	-.217	110	123	-.740	.261	.163	-1.597
100	504	.391	.164	.921	-.159	100	554	-.118	.144	.340	-.580	110	124	-.525	.195	.035	-1.338
100	505	.455	.179	1.014	-.180	100	555	-.058	.214	.728	-.763	110	125	-.519	.121	.130	-.941
100	506	.386	.182	.974	-.274	100	556	-.078	.144	.482	-.750	110	126	-.547	.123	.164	-.959
100	507	.122	.131	.578	-.367	100	901	-.318	.131	.113	-.900	110	127	-.494	.128	.051	-.983
100	508	.344	.147	.862	-.166	100	902	-.399	.121	.112	-.887	110	128	-.432	.131	.132	-.994
100	509	.418	.161	1.003	-.093	100	903	-.385	.097	.058	-.876	110	129	-.284	.135	.163	-.903
100	510	.550	.180	1.091	-.020	100	904	-.048	.124	.230	-.488	110	130	-.183	.119	.245	-.625
100	511	.568	.178	1.138	-.304	100	905	-.100	.099	.226	-.429	110	131	-.263	.132	.163	-.697
100	512	.443	.184	1.074	-.360	100	906	-.126	.104	.212	-.516	110	132	-.220	.123	.206	-.718
100	513	.596	.172	1.220	-.166	100	907	-.197	.112	.185	-.573	110	133	-.184	.102	.144	-.625
100	514	.576	.177	1.183	-.231	100	908	-.187	.125	.234	-.864	110	134	-.172	.098	.176	-.506
100	515	.191	.129	.628	-.243	100	909	-.164	.150	.227	-.805	110	135	-1.100	.308	-.048	-2.216
100	516	.411	.185	1.030	-.269	100	910	-.271	.135	.834	-.148	110	136	-.165	.101	.167	-.586
100	517	.202	.131	.652	-.214	110	1	-.046	.119	.506	-.333	110	137	-1.154	.361	-.014	-2.367
100	518	.386	.152	.866	-.084	110	2	-.008	.108	.417	-.444	110	138	-1.083	.409	.139	-2.287
100	519	.439	.155	1.041	-.087	110	3	-.073	.110	.352	-.511	110	139	-.540	.179	.071	-1.528
100	520	.556	.165	1.079	-.048	110	4	-.208	.129	.221	-.869	110	140	-.635	.160	.190	-1.188
100	521	.493	.177	.965	-.048	110	5	-.583	.146	-.112	-1.168	110	141	-.659	.171	.155	-1.219
100	522	.356	.192	.889	-.243	110	6	-.049	.113	.367	-.508	110	142	-.545	.168	.004	-1.063
100	523	.144	.133	.644	-.382	110	7	-.056	.122	.471	-.545	110	143	-.308	.138	.197	-.786
100	524	.307	.187	.931	-.326	110	8	-.507	.129	.038	-1.019	110	144	-.195	.112	.151	-.644
100	525	.149	.134	.681	-.257	110	9	-.428	.190	.247	-1.181	110	145	-.177	.110	.245	-.557
100	526	.341	.158	.930	-.163	110	10	-.225	.152	.299	-.788	110	146	-.170	.110	.215	-.580
100	527	.379	.158	.947	-.082	110	11	-.166	.114	.181	-.811	110	147	-.163	.110	.226	-.533
100	528	.487	.171	1.099	-.079	110	12	-.292	.130	.122	-.816	110	148	-.159	.108	.175	-.474
100	529	.419	.174	.988	-.274	110	13	-.420	.168	.175	-1.084	110	149	-.159	.104	.202	-.550
100	530	.280	.185	.865	-.419	110	14	-.539	.147	-.112	-1.131	110	150	-1.098	.355	.045	-2.496
100	531	.134	.138	.723	-.343	110	101	-.885	.294	.008	-1.969	110	151	-.159	.108	.180	-.597
100	532	.264	.188	.925	-.284	110	102	-.515	.196	.033	-1.409	110	152	-1.102	.372	.133	-2.393
100	533	.095	.135	.593	-.357	110	103	-.421	.131	-.008	-1.270	110	153	-.996	.413	.105	-2.367
100	534	.264	.149	.804	-.190	110	104	-.405	.113	-.603	-.920	110	154	-.517	.171	-.055	-1.801
100	535	.311	.141	.894	-.125	110	105	-.395	.115	-.022	-1.014	110	155	-.596	.145	.088	-1.154
100	536	.395	.155	1.029	-.050	110	106	-.541	.210	-.028	-1.635	110	156	-.612	.149	.083	-1.125
100	537	.338	.162	.941	-.106	110	107	-.713	.236	-.039	-1.751	110	157	-.511	.169	.028	-1.033
100	538	.227	.168	.844	-.385	110	108	-.483	.191	-.102	-1.307	110	158	-.278	.139	.100	-.831
100	539	.087	.123	.542	-.324	110	109	-.308	.135	.089	-.833	110	159	-.189	.112	.155	-.613
100	540	.186	.149	.770	-.322	110	110	-.288	.134	.111	-.771	110	160	-.173	.117	.203	-.618
100	541	.083	.116	.612	-.343	110	111	-.200	.112	.146	-.612	110	161	-.157	.112	.192	-.535
100	542	.197	.116	.721	-.189	110	112	-.157	.098	.132	-.520	110	162	-.150	.110	.171	-.778
100	543	.238	.126	.749	-.159	110	113	-.160	.099	.151	-.582	110	163	-.150	.107	.167	-.605
100	544	.269	.130	.791	-.141	110	114	-.777	.217	.078	-1.454	110	164	-.151	.110	.176	-.653
100	545	.225	.137	.804	-.160	110	115	-.548	.211	.189	-1.205	110	165	-1.012	.357	.129	-2.367
100	546	.187	.138	.735	-.188	110	116	-.491	.127	-.053	-.931	110	166	-.151	.119	.259	-.679
100	547	.274	.147	1.051	-.175	110	117	-.487	.134	-.051	-.977	110	167	-.943	.339	.041	-2.289
100	548	.242	.138	.915	-.190	110	118	-.407	.118	-.038	-.812	110	168	-.841	.386	.135	-2.393
100	549	-.114	.145	.429	-.620	110	119	-.398	.124	-.005	-.845	110	169	-.482	.163	-.054	-1.472
100	550	-.123	.142	.419	-.708	110	120	-.286	.142	.239	-.826	110	170	-.518	.136	-.123	-1.009

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	171	-.492	.142	-.082	-.976	110	312	-.176	.110	.250	-.506	110	414	-.009	.120	.377	-.639
110	172	-.360	.149	-.076	-.818	110	313	-.161	.107	.186	-.488	110	415	-.148	.165	.388	-.902
110	173	-.194	.116	.307	-.627	110	314	-.138	.105	.240	-.432	110	416	-.258	.169	.259	-.907
110	174	-.160	.108	.238	-.565	110	315	-.151	.108	.239	-.485	110	417	-.096	.106	.234	-.513
110	175	-.160	.112	.412	-.554	110	316	-.159	.095	.190	-.470	110	418	-.063	.107	.336	-.489
110	176	-.142	.111	.454	-.563	110	317	-.161	.094	.179	-.472	110	419	-.003	.107	.342	-.444
110	177	-.142	.115	.217	-.506	110	318	-.152	.094	.188	-.450	110	420	.032	.099	.377	-.323
110	178	-.138	.111	.193	-.636	110	319	-.148	.095	.194	-.449	110	421	.075	.101	.476	-.323
110	179	-.143	.117	.212	-.726	110	320	-.118	.097	.213	-.447	110	422	.036	.132	.453	-.572
110	180	-.816	.278	.100	-.911	110	321	-.135	.099	.229	-.491	110	423	-.189	.215	.360	-.882
110	181	-.153	.129	.312	-.677	110	322	-.109	.099	.220	-.439	110	424	-.203	.156	.369	-.816
110	182	-.709	.264	-.001	-.911	110	323	-.116	.101	.227	-.484	110	425	-.269	.150	.291	-.968
110	183	-.404	.183	.146	-.139	110	324	-.114	.097	.215	-.435	110	426	-.108	.093	.175	-.392
110	184	-.432	.172	.057	-.118	110	325	-.118	.093	.218	-.403	110	427	-.291	.155	.300	-.905
110	185	-.400	.142	.071	-.905	110	326	-.107	.095	.218	-.412	110	428	-.097	.093	.250	-.418
110	186	-.340	.122	.057	-.745	110	327	-.102	.094	.225	-.399	110	429	.064	.090	.260	-.418
110	187	-.399	.146	.072	-.903	110	328	-.126	.093	.198	-.405	110	430	-.008	.088	.302	-.373
110	188	-.394	.145	.067	-.898	110	329	-.146	.097	.184	-.566	110	431	.041	.088	.358	-.237
110	189	-.400	.155	.053	-.1290	110	330	-.119	.092	.191	-.402	110	432	.054	.101	.423	-.329
110	190	-.320	.126	.041	-.835	110	331	-.125	.100	.234	-.453	110	433	.061	.132	.437	-.845
110	191	-.253	.118	.104	-.815	110	332	-.089	.096	.282	-.399	110	434	-.147	.244	.501	-.1057
110	192	-.189	.105	.151	-.611	110	333	-.094	.093	.233	-.397	110	435	-.314	.187	.305	-.1015
110	193	-.176	.111	.213	-.556	110	334	-.085	.097	.277	-.414	110	436	-.281	.173	.404	-.1043
110	194	-.177	.113	.215	-.686	110	335	-.083	.095	.254	-.394	110	437	-.089	.094	.203	-.399
110	195	-.158	.112	.232	-.531	110	336	-.081	.090	.248	-.411	110	438	-.256	.187	.352	-.959
110	196	-.142	.113	.240	-.538	110	337	-.089	.091	.224	-.401	110	439	-.092	.097	.216	-.394
110	197	-.161	.103	.154	-.630	110	338	-.088	.091	.230	-.425	110	440	-.071	.093	.263	-.370
110	198	-.169	.108	.145	-.660	110	339	-.087	.092	.251	-.393	110	441	.013	.090	.331	-.311
110	199	-.418	.145	.032	-.962	110	340	-.092	.091	.243	-.398	110	442	.030	.092	.364	-.272
110	200	-.401	.141	.053	-.937	110	341	-.079	.088	.219	-.391	110	443	.062	.096	.408	-.286
110	201	-.345	.125	.033	-.826	110	342	-.080	.088	.202	-.396	110	444	-.072	.127	.493	-.590
110	202	-.277	.129	.077	-.791	110	343	-.090	.089	.198	-.380	110	445	-.031	.229	.599	-.1048
110	203	-.226	.109	.107	-.619	110	344	-.093	.095	.222	-.408	110	446	-.214	.238	.654	-.1136
110	204	-.178	.101	.121	-.566	110	345	-.079	.094	.260	-.402	110	447	-.246	.184	.328	-.1006
110	205	-.153	.107	.209	-.526	110	346	-.084	.094	.278	-.378	110	448	-.072	.095	.237	-.365
110	206	-.150	.106	.199	-.660	110	347	-.080	.093	.227	-.411	110	449	-.144	.194	.514	-.843
110	207	-.137	.109	.203	-.561	110	348	-.090	.087	.223	-.402	110	450	-.062	.093	.251	-.358
110	208	-.125	.107	.211	-.567	110	401	-.147	.095	.184	-.472	110	451	-.031	.097	.243	-.370
110	209	-.110	.109	.244	-.536	110	402	-.088	.088	.212	-.423	110	452	-.027	.093	.330	-.435
110	301	-.128	.099	.200	-.562	110	403	-.060	.094	.259	-.488	110	453	.031	.092	.392	-.361
110	302	-.123	.101	.205	-.502	110	404	-.041	.105	.325	-.419	110	454	.056	.096	.418	-.318
110	303	-.115	.101	.217	-.439	110	405	-.064	.146	.599	-.449	110	455	.074	.106	.417	-.390
110	304	-.121	.101	.219	-.476	110	406	-.100	.119	.307	-.708	110	456	.031	.181	.488	-.774
110	305	-.145	.101	.212	-.514	110	407	-.182	.137	.200	-.788	110	457	-.103	.211	.553	-.883
110	306	-.135	.100	.233	-.489	110	408	-.473	.184	.207	-.1022	110	458	-.147	.192	.558	-.931
110	307	-.136	.099	.253	-.493	110	409	-.517	.157	.024	-.1141	110	459	-.093	.093	.257	-.426
110	308	-.146	.095	.217	-.481	110	410	-.052	.110	.330	-.385	110	460	-.136	.211	.470	-.1278
110	309	-.150	.093	.204	-.449	110	411	-.133	.102	.197	-.462	110	461	-.107	.089	.168	-.448
110	310	-.160	.095	.222	-.503	110	412	-.027	.109	.424	-.361	110	462	-.089	.090	.176	-.417
110	311	-.167	.097	.225	-.504	110	413	.004	.110	.374	-.522	110	463	-.044	.089	.222	-.358

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	464	.005	.088	.347	-.325	110	545	.132	.134	.661	-.311	120	115	-.854	.206	-.297	-1.590
110	465	.043	.090	.380	-.274	110	546	.065	.136	.529	-.338	120	116	-.436	.158	.015	-1.267
110	466	.116	.107	.529	-.213	110	547	.222	.146	.787	-.205	120	117	-.361	.127	.024	-.903
110	467	.146	.136	.670	-.375	110	548	.180	.127	.624	-.216	120	118	-.310	.123	.082	-.842
110	468	.125	.206	.745	-.724	110	549	-.328	.125	.135	-.792	120	119	-.248	.129	.162	-.767
110	469	.110	.184	.637	-.720	110	550	-.345	.138	.095	-.904	120	120	-.221	.126	.176	-.715
110	501	.236	.145	.787	-.304	110	551	-.293	.140	.184	-.947	120	121	-.212	.108	.112	-.600
110	502	.366	.155	.958	-.194	110	552	-.297	.153	.866	-.185	120	122	-1.473	.372	-.247	-2.467
110	503	.356	.166	.943	-.222	110	553	-.284	.144	.896	-.135	120	123	-.934	.211	.155	-1.585
110	504	.395	.173	.012	-.196	110	554	-.315	.130	.811	-.811	120	124	-.871	.239	.108	-1.817
110	505	.336	.174	.870	-.297	110	555	-.294	.163	.498	-.906	120	125	-.501	.140	.047	-1.153
110	506	.188	.171	.732	-.515	110	556	-.178	.167	.476	-.817	120	126	-.390	.126	.052	-.968
110	507	.230	.146	.831	-.289	110	901	-.255	.135	.183	-.851	120	127	-.331	.126	.085	-.835
110	508	.427	.155	.013	-.208	110	902	-.386	.132	.038	-.842	120	128	-.223	.114	.109	-.865
110	509	.512	.169	.099	-.214	110	903	-.428	.135	.007	-.921	120	129	-.218	.125	.118	-.858
110	510	.489	.178	.173	-.205	110	904	-.113	.100	.235	-.459	120	130	-.211	.117	.164	-.719
110	511	.462	.181	.162	-.173	110	905	-.126	.105	.206	-.573	120	131	-.214	.109	.169	-.654
110	512	.213	.184	.924	-.415	110	906	-.135	.099	.159	-.514	120	132	-.214	.103	.100	-.670
110	513	.609	.190	.308	-.053	110	907	-.177	.106	.150	-.672	120	133	-.215	.100	.098	-.592
110	514	.508	.180	.244	-.138	110	908	-.339	.161	.169	-1.045	120	134	-.213	.100	.088	-.596
110	515	.310	.144	.787	-.134	110	909	-.371	.142	.032	-.973	120	135	-1.302	.312	-.208	-2.274
110	516	.112	.183	.709	-.476	110	910	-.166	.118	.605	-.208	120	136	-.219	.103	.106	-.625
110	517	.321	.142	.810	-.109	120	1	-.007	.131	.330	-.628	120	137	-1.262	.327	-.291	-2.357
110	518	.458	.158	.961	-.030	120	2	-.007	.116	.374	-.544	120	138	-1.260	.327	-.282	-2.357
110	519	.323	.175	.120	-.019	120	3	-.010	.129	.439	-.598	120	139	-.801	.300	.016	-1.903
110	520	.363	.179	.108	-.001	120	4	-.124	.149	.451	-.672	120	140	-.572	.180	.100	-1.576
110	521	.321	.171	.873	-.246	120	5	-.659	.171	-.114	-1.653	120	141	-.397	.157	.289	-1.361
110	522	.057	.187	.627	-.561	120	6	-.164	.113	.180	-.656	120	142	-.262	.131	.185	-.878
110	523	.271	.144	.821	-.274	120	7	-.106	.134	.271	-.678	120	143	-.225	.130	.121	-1.277
110	524	.025	.193	.707	-.567	120	8	-.617	.154	-.078	-1.224	120	144	-.217	.117	.121	-.838
110	525	.273	.144	.754	-.204	120	9	-.479	.213	.229	-1.323	120	145	-.215	.109	.116	-1.270
110	526	.404	.159	.908	-.113	120	10	-.357	.132	.077	-.906	120	146	-.222	.102	.090	-.601
110	527	.446	.161	.958	-.041	120	11	-.234	.120	.166	-.840	120	147	-.217	.100	.113	-.655
110	528	.464	.174	.032	-.027	120	12	-.401	.129	.014	-.822	120	148	-.210	.100	.122	-.552
110	529	.238	.182	.885	-.291	120	13	-.558	.154	.055	-1.095	120	149	-.217	.101	.107	-.632
110	530	.023	.204	.678	-.618	120	14	-.657	.183	-.091	-1.611	120	150	-1.182	.368	-.028	-2.467
110	531	.251	.152	.777	-.250	120	101	-1.137	.268	-.313	-2.056	120	151	-.200	.102	.166	-.577
110	532	.021	.180	.616	-.612	120	102	-.825	.226	-.119	-1.703	120	152	-1.142	.398	-.005	-2.374
110	533	.228	.146	.741	-.220	120	103	-.649	.203	-.000	-1.531	120	153	-1.180	.386	.088	-2.357
110	534	.333	.154	.925	-.120	120	104	-.448	.152	.095	-1.177	120	154	-.734	.289	.025	-2.033
110	535	.344	.142	.910	-.147	120	105	-.379	.171	.068	-1.595	120	155	-.537	.191	.108	-1.532
110	536	.345	.157	.926	-.183	120	106	-.478	.230	.023	-1.779	120	156	-.372	.156	.132	-1.065
110	537	.162	.167	.779	-.407	120	107	-.401	.212	.160	-1.485	120	157	-.232	.124	.138	-.761
110	538	.039	.187	.680	-.638	120	108	-.242	.141	.189	-.896	120	158	-.199	.111	.166	-.679
110	539	.210	.136	.782	-.150	120	109	-.191	.106	.152	-.591	120	159	-.195	.103	.092	-.610
110	540	.041	.178	.721	-.610	120	110	-.196	.101	.145	-.606	120	160	-.214	.103	.076	-.651
110	541	.210	.126	.701	-.189	120	111	-.202	.106	.090	-.732	120	161	-.225	.111	.103	-.804
110	542	.265	.129	.796	-.102	120	112	-.208	.102	.094	-.653	120	162	-.205	.106	.092	-.714
110	543	.282	.137	.754	-.109	120	113	-.213	.108	.095	-.630	120	163	-.181	.106	.125	-.691
110	544	.221	.138	.764	-.210	120	114	-.876	.182	-.264	-1.457	120	164	-.182	.109	.157	-.838

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	165	-1.042	.406	-.004	-2.357	120	306	-.171	.117	.214	-.676	120	408	-.216	.256	.430	-1.052
120	166	-.168	.105	-.228	-.660	120	307	-.163	.114	.180	-.672	120	409	-.355	.209	.388	-.996
120	167	-.958	.379	-.025	-2.274	120	308	-.196	.105	.158	-.563	120	410	-.079	.116	.347	-.472
120	168	-.947	.378	.017	-2.374	120	309	-.196	.104	.148	-.574	120	411	-.149	.108	.258	-.549
120	169	-.612	.250	.044	-1.721	120	310	-.209	.107	.126	-.581	120	412	-.080	.119	.578	-.332
120	170	-.460	.173	.094	-1.231	120	311	-.226	.109	.134	-.639	120	413	.037	.114	.641	-.347
120	171	-.332	.143	.190	-.848	120	312	-.245	.117	.131	-.682	120	414	.078	.107	.567	-.241
120	172	-.240	.120	.235	-.752	120	313	-.199	.103	.107	-.577	120	415	.123	.171	.648	-.694
120	173	-.219	.127	.193	-.692	120	314	-.174	.104	.133	-.622	120	416	.012	.181	.526	-.673
120	174	-.219	.117	.183	-.607	120	315	-.189	.103	.153	-.594	120	417	-.133	.099	.481	-.422
120	175	-.228	.116	.152	-.598	120	316	-.203	.113	.182	-.594	120	418	-.071	.100	.250	-.455
120	176	-.231	.115	.143	-.662	120	317	-.197	.112	.176	-.606	120	419	-.022	.102	.384	-.289
120	177	-.205	.119	.150	-.638	120	318	-.188	.112	.193	-.582	120	420	.082	.106	.443	-.466
120	178	-.179	.114	.183	-.557	120	319	-.184	.112	.180	-.581	120	421	-.124	.105	.488	-.199
120	179	-.179	.120	.231	-.669	120	320	-.151	.098	.172	-.468	120	422	.145	.109	.381	-.241
120	180	-.921	.383	-.010	-2.358	120	321	-.165	.097	.155	-.472	120	423	-.151	.167	.572	-.495
120	181	-.201	.123	.177	-.711	120	322	-.136	.097	.199	-.453	120	424	-.034	.226	.655	-.834
120	182	-.694	.273	.077	-2.242	120	323	-.149	.099	.175	-.487	120	425	-.060	.214	.488	-1.019
120	183	-.493	.201	.187	-.393	120	324	-.173	.105	.124	-.588	120	426	-.152	.109	.201	-.506
120	184	-.502	.214	.159	-.427	120	325	-.174	.104	.149	-.577	120	427	-.051	.233	.799	-.899
120	185	-.441	.194	.085	-.429	120	326	-.158	.104	.177	-.533	120	428	-.144	.101	.164	-.499
120	186	-.305	.144	.141	-.894	120	327	-.154	.104	.198	-.522	120	429	-.096	.100	.199	-.438
120	187	-.426	.170	.096	-.667	120	328	-.141	.095	.162	-.475	120	430	-.063	.103	.305	-.344
120	188	-.418	.168	.103	-.647	120	329	-.137	.098	.181	-.454	120	431	-.081	.106	.392	-.236
120	189	-.463	.216	.142	-.396	120	330	-.130	.094	.246	-.434	120	432	-.151	.112	.561	-.204
120	190	-.297	.164	.203	-.935	120	331	-.153	.101	.232	-.552	120	433	-.207	.117	.625	-.172
120	191	-.251	.151	.215	-.847	120	332	-.160	.098	.180	-.517	120	434	-.038	.170	.687	-.711
120	192	-.225	.139	.257	-.706	120	333	-.161	.096	.159	-.470	120	435	.038	.248	.791	-.759
120	193	-.202	.112	.168	-.655	120	334	-.153	.100	.162	-.472	120	436	-.009	.241	.750	-.871
120	194	-.195	.106	.137	-.536	120	335	-.147	.098	.181	-.461	120	437	.123	.102	.220	-.466
120	195	-.192	.104	.215	-.570	120	336	-.144	.101	.200	-.458	120	438	-.024	.239	.743	-.855
120	196	-.180	.106	.202	-.580	120	337	-.168	.108	.197	-.606	120	439	-.118	.102	.216	-.468
120	197	-.189	.117	.223	-.756	120	338	-.155	.104	.190	-.461	120	440	-.082	.093	.238	-.381
120	198	-.189	.118	.191	-.944	120	339	-.156	.108	.206	-.543	120	441	-.082	.094	.346	-.297
120	199	-.442	.169	.002	-1.127	120	340	-.148	.105	.181	-.525	120	442	-.074	.099	.425	-.237
120	200	-.422	.163	-.004	-1.096	120	341	-.142	.105	.168	-.540	120	443	.126	.104	.539	-.200
120	201	-.466	.151	-.014	-1.049	120	342	-.141	.105	.197	-.513	120	444	-.174	.114	.611	-.247
120	202	-.287	.128	-.092	-.895	120	343	-.155	.101	.171	-.502	120	445	-.201	.149	.680	-.712
120	203	-.268	.120	.089	-.809	120	344	-.177	.108	.200	-.536	120	446	-.089	.230	.742	-.784
120	204	-.249	.114	.074	-.698	120	345	-.162	.103	.220	-.529	120	447	-.042	.215	.729	-.737
120	205	-.210	.125	.224	-.816	120	346	-.167	.105	.221	-.557	120	448	-.125	.109	.269	-.494
120	206	-.209	.123	.184	-.729	120	347	-.147	.103	.233	-.511	120	449	-.074	.237	.881	-.799
120	207	-.198	.123	.180	-.692	120	348	-.145	.111	.233	-.559	120	450	-.117	.109	.259	-.436
120	208	-.189	.122	.187	-.721	120	401	-.167	.093	.140	-.475	120	451	-.033	.096	.314	-.363
120	209	-.159	.118	.179	-.655	120	402	-.107	.109	.245	-.447	120	452	-.015	.097	.356	-.332
120	301	-.179	.111	.193	-.601	120	403	-.065	.114	.343	-.464	120	453	-.072	.100	.421	-.254
120	302	-.177	.113	.194	-.618	120	404	-.067	.104	.307	-.425	120	454	.130	.107	.492	-.220
120	303	-.166	.113	.172	-.537	120	405	-.058	.148	.737	-.433	120	455	.181	.114	.615	-.189
120	304	-.142	.115	.255	-.809	120	406	-.098	.109	.356	-.513	120	456	.218	.136	.694	-.461
120	305	-.176	.119	.236	-.694	120	407	-.102	.117	.337	-.580	120	457	.158	.199	.769	-.703

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
1200	45	.099	.203	.788	.636	1200	539	.296	.144	.855	-.149	1300	109	-.335	.215	.404	-1.607
1200	46	.122	.098	.211	-.533	1200	540	-.156	.151	.410	-.675	1300	110	-.308	.193	.169	-1.737
1200	46	.136	.189	.665	-.653	1200	541	.296	.136	.828	-.172	1300	111	-.271	.147	.133	-1.345
1200	46	.136	.096	.240	-.453	1200	542	.310	.146	.818	-.185	1300	112	-.257	.119	.091	-.892
1200	46	.136	.254	.254	-.424	1200	543	.310	.146	.839	-.130	1300	113	-.271	.117	.090	-.659
1200	46	.032	.094	.290	-.363	1200	544	.153	.126	.670	-.204	1300	114	-.390	.153	.029	-1.101
1200	46	.055	.089	.306	-.349	1200	545	.046	.126	.570	-.297	1300	115	-.405	.167	.052	-1.160
1200	46	.080	.089	.383	-.247	1200	546	-.040	.127	.503	-.421	1300	116	-.366	.145	.048	-.920
1200	46	.264	.105	.755	-.149	1200	547	.120	.136	.612	-.336	1300	117	-.320	.138	.116	-.910
1200	46	.269	.113	.807	-.076	1200	548	.128	.126	.634	-.220	1300	118	-.284	.132	.150	-.882
1200	46	.296	.143	.873	-.309	1200	549	-.399	.170	.129	-1.187	1300	119	-.284	.132	.147	-.796
1200	46	.284	.138	.815	-.334	1200	550	-.414	.182	.127	-1.261	1300	120	-.285	.132	.154	-.766
1200	50	.321	.162	.896	-.337	1200	551	-.396	.183	.089	-1.194	1300	121	-.304	.146	.099	-1.070
1200	50	.380	.171	.950	-.247	1200	552	.186	.156	1.083	-.302	1300	122	-.390	.208	.083	-1.691
1200	50	.381	.167	.975	-.222	1200	553	.232	.153	.915	-.246	1300	123	-.371	.153	.071	-1.185
1200	50	.357	.175	.977	-.323	1200	554	-.378	.149	.092	-.960	1300	124	-.381	.170	.098	-1.433
1200	50	.262	.168	.841	-.397	1200	555	.397	.167	.113	-1.079	1300	125	-.357	.147	.057	-.989
1200	50	.262	.164	.841	-.397	1200	556	.357	.176	.164	-1.177	1300	126	-.315	.127	.124	-.827
1200	50	.373	.169	.979	-.394	1200	900	.220	.129	.128	-1.801	1300	127	-.290	.122	.070	-.859
1200	50	.373	.164	.979	-.394	1200	901	-.288	.144	.118	-1.117	1300	128	-.282	.119	.088	-.747
1200	50	.526	.178	1.036	-.053	1200	902	-.464	.179	.125	-1.294	1300	129	-.279	.120	.057	-.832
1200	50	.526	.188	1.036	-.125	1200	903	-.469	.161	.166	-.509	1300	130	-.284	.117	.026	-.810
1200	50	.292	.155	.906	-.551	1200	904	-.190	.120	.211	-.696	1300	131	-.276	.110	.028	-.875
1200	50	.003	.147	.653	-.213	1200	905	-.217	.123	.135	-.766	1300	132	-.258	.103	.033	-.694
1200	50	.490	.183	1.046	-.064	1200	906	-.226	.134	.150	-.802	1300	133	-.254	.104	.053	-.666
1200	51	.395	.160	.956	-.148	1200	907	-.402	.196	.129	-1.317	1300	134	-.254	.102	.068	-.715
1200	51	.445	.152	.942	-.023	1200	908	-.390	.174	.605	-.966	1300	135	-.396	.217	.052	-2.126
1200	51	.141	.178	.459	-.705	1200	910	.135	.128	.603	-.292	1300	136	-.252	.105	.100	-.608
1200	51	.449	.154	.961	-.033	1300	1	-.243	.126	.165	-.815	1300	137	-.439	.268	.067	-2.119
1200	51	.532	.161	1.039	-.038	1300	2	-.209	.142	.245	-.742	1300	138	-.446	.259	.067	-2.062
1200	51	.532	.175	1.133	-.038	1300	3	-.054	.134	.451	-.603	1300	139	-.394	.200	.127	-1.612
1200	51	.493	.183	1.145	-.210	1300	4	-.228	.169	.442	-.781	1300	140	-.364	.179	.193	-1.215
1200	51	.130	.165	.782	-.438	1300	5	-.616	.166	.287	-1.412	1300	141	-.319	.151	.209	-.893
1200	51	.179	.168	.487	-.753	1300	6	-.252	.133	.184	-.854	1300	142	-.302	.132	.115	-.793
1200	51	.415	.155	.957	-.053	1300	7	-.316	.183	.190	-1.019	1300	143	-.304	.124	.086	-.832
1200	52	.169	.169	.418	-.866	1300	8	-.594	.161	.113	-1.298	1300	144	-.286	.113	.106	-.759
1200	52	.401	.151	1.021	-.032	1300	9	-.538	.211	.186	-1.478	1300	145	-.296	.106	.066	-.640
1200	52	.480	.167	1.146	-.003	1300	10	-.340	.145	.147	-.867	1300	146	-.291	.106	.069	-.634
1200	52	.478	.166	1.043	-.044	1300	11	-.328	.144	.217	-1.017	1300	147	-.266	.103	.103	-.618
1200	52	.378	.176	1.087	-.157	1300	12	-.458	.139	.144	-.947	1300	148	-.248	.102	.091	-.563
1200	52	.064	.158	.664	-.436	1300	13	-.633	.174	-.060	-1.312	1300	149	-.246	.100	.062	-.607
1200	53	.230	.172	.333	-.835	1300	14	-.655	.173	-.120	-1.581	1300	150	-.394	.217	.090	-1.546
1200	53	.377	.161	1.009	-.120	1300	101	-.600	.174	-.106	-1.340	1300	151	-.233	.100	.074	-.701
1200	53	.189	.171	.482	-.761	1300	102	-.629	.167	-.115	-1.227	1300	152	-.407	.245	.098	-1.753
1200	53	.349	.152	.882	-.107	1300	103	-.444	.186	.220	-1.420	1300	153	-.429	.248	.123	-1.505
1200	53	.396	.160	.979	-.084	1300	104	-.409	.186	.195	-1.222	1300	154	-.394	.211	.220	-1.323
1200	53	.377	.163	.950	-.122	1300	105	-.343	.195	.194	-1.311	1300	155	-.357	.189	.203	-1.259
1200	53	.274	.171	.853	-.404	1300	106	-.315	.180	.187	-1.220	1300	156	-.316	.163	.127	-1.069
1200	53	.032	.159	.713	-.541	1300	107	-.287	.150	.175	-.943	1300	157	-.303	.142	.176	-.798
1200	53	.194	.174	.457	-.864	1300	108	-.272	.145	.174	-1.106	1300	158	-.308	.127	.086	-.707

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	159	-.282	.108	.035	-.669	130	209	-.211	.110	.128	-.586	130	402	-.125	.100	.208	-.484
130	160	-.278	.103	.026	-.672	130	301	-.257	.107	.091	-.702	130	403	-.069	.105	.291	-.421
130	161	-.275	.115	.091	-.619	130	302	-.255	.109	.102	-.633	130	404	-.045	.116	.356	-.461
130	162	-.233	.108	.145	-.590	130	303	-.247	.109	.104	-.667	130	405	-.060	.143	.748	-.433
130	163	-.209	.106	.094	-.597	130	304	-.246	.113	.101	-.731	130	406	-.062	.118	.358	-.460
130	164	-.212	.107	.088	-.617	130	305	-.300	.122	.102	-.744	130	407	-.020	.125	.449	-.515
130	165	-.397	.233	.161	-.642	130	306	-.292	.118	.088	-.743	130	408	-.046	.162	.533	-.759
130	166	-.200	.101	.127	-.566	130	307	-.247	.103	.110	-.595	130	409	-.037	.223	.584	-.784
130	167	-.402	.234	.143	-.854	130	308	-.245	.110	.092	-.565	130	410	-.068	.125	.521	-.457
130	168	-.408	.231	.154	-.738	130	309	-.243	.109	.071	-.573	130	411	-.121	.122	.329	-.520
130	169	-.352	.183	.200	-.480	130	310	-.258	.112	.069	-.608	130	412	.123	.128	.566	-.055
130	170	-.324	.166	.221	-.013	130	311	-.297	.121	.061	-.723	130	413	.088	.124	.543	-.354
130	171	-.298	.153	.215	-.863	130	312	-.345	.132	.043	-.857	130	414	-.142	.120	.343	-.584
130	172	-.297	.147	.158	-.962	130	313	-.245	.103	.087	-.697	130	415	-.283	.152	.719	-.518
130	173	-.325	.150	.204	-.915	130	314	-.217	.102	.124	-.565	130	416	-.247	.183	.808	-.333
130	174	-.279	.129	.151	-.753	130	315	-.245	.104	.077	-.738	130	417	-.150	.101	.203	-.439
130	175	-.268	.127	.101	-.742	130	316	-.233	.107	.130	-.642	130	418	-.067	.103	.324	-.339
130	176	-.247	.128	.112	-.710	130	317	-.223	.105	.125	-.603	130	419	.048	.108	.435	-.257
130	177	-.173	.113	.209	-.688	130	318	-.213	.105	.131	-.587	130	420	.145	.113	.317	-.295
130	178	-.160	.109	.184	-.598	130	319	-.210	.105	.140	-.579	130	421	.190	.113	.561	-.222
130	179	-.169	.112	.184	-.629	130	320	-.227	.110	.159	-.629	130	422	.231	.119	.616	-.222
130	180	-.392	.250	.097	-.583	130	321	-.253	.117	.124	-.881	130	423	.312	.137	.934	-.254
130	181	-.219	.110	.102	-.688	130	322	-.215	.109	.138	-.593	130	424	.271	.198	.888	-.276
130	182	-.393	.190	.127	-.310	130	323	-.240	.118	.144	-.788	130	425	.239	.199	.847	-.357
130	183	-.362	.164	.124	-.214	130	324	-.247	.124	.153	-.768	130	426	.152	.113	.283	-.669
130	184	-.350	.161	.159	-.173	130	325	-.235	.120	.148	-.680	130	427	-.263	.217	.915	-.113
130	185	-.332	.171	.183	-.021	130	326	-.221	.121	.170	-.660	130	428	-.145	.102	.193	-.441
130	186	-.314	.164	.181	-.024	130	327	-.215	.120	.197	-.647	130	429	-.085	.100	.263	-.441
130	187	-.321	.159	.201	-.032	130	328	-.211	.106	.105	-.693	130	430	.038	.102	.413	-.298
130	188	-.316	.159	.196	-.991	130	329	-.243	.116	.086	-.819	130	431	.144	.107	.537	-.200
130	189	-.348	.155	.183	-.998	130	330	-.201	.106	.139	-.609	130	432	.219	.120	.638	-.169
130	190	-.325	.148	.075	-.966	130	331	-.229	.118	.103	-.7037	130	433	.283	.125	.737	-.099
130	191	-.307	.146	.078	-.105	130	332	-.220	.109	.148	-.704	130	434	.350	.140	.914	-.392
130	192	-.296	.139	.093	-.879	130	333	-.214	.103	.110	-.548	130	435	.318	.203	.992	-.098
130	193	-.252	.124	.110	-.716	130	334	-.210	.109	.114	-.590	130	436	.260	.223	.841	-.596
130	194	-.248	.118	.101	-.640	130	335	-.202	.107	.112	-.564	130	437	-.144	.101	.216	-.477
130	195	-.229	.113	.092	-.623	130	336	-.190	.114	.214	-.544	130	438	-.266	.208	.842	-.472
130	196	-.205	.110	.174	-.634	130	337	-.197	.118	.190	-.959	130	439	-.140	.103	.231	-.493
130	197	-.210	.124	.154	-.613	130	338	-.209	.121	.211	-.695	130	440	-.082	.108	.319	-.483
130	198	-.214	.122	.169	-.598	130	339	-.188	.120	.209	-.664	130	441	.015	.109	.487	-.268
130	199	-.320	.152	.077	-.867	130	340	-.185	.108	.199	-.595	130	442	.119	.116	.381	-.233
130	200	-.315	.148	.084	-.865	130	341	-.193	.110	.172	-.617	130	443	.186	.121	.675	-.143
130	201	-.323	.146	.083	-.982	130	342	-.185	.108	.161	-.586	130	444	.264	.113	.661	-.277
130	202	-.277	.141	.258	-.875	130	343	-.205	.108	.167	-.608	130	445	.317	.127	.784	-.161
130	203	-.268	.141	.260	-.869	130	344	-.222	.113	.160	-.654	130	446	.295	.190	.877	-.221
130	204	-.265	.136	.181	-.783	130	345	-.187	.107	.170	-.587	130	447	-.279	.195	.931	-.646
130	205	-.244	.115	.117	-.700	130	346	-.190	.109	.181	-.592	130	448	-.154	.110	.269	-.521
130	206	-.252	.115	.104	-.708	130	347	-.178	.106	.190	-.560	130	449	-.279	.188	.989	-.355
130	207	-.222	.109	.114	-.647	130	348	-.199	.100	.131	-.523	130	450	-.154	.111	.280	-.504
130	208	-.204	.108	.135	-.605	130	401	-.213	.099	.175	-.596	130	451	-.049	.092	.299	-.364

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
1330	452	.009	.101	.421	-.306	130	533	.363	.141	.872	-.091	140	103	-.364	.128	.017	-1.311
1330	453	.114	.102	.500	-.210	130	534	.378	.140	.865	-.040	140	104	-.339	.137	.048	-1.225
1330	454	.190	.109	.566	-.142	130	535	.349	.155	.935	-.035	140	105	-.318	.146	.167	-1.004
1330	455	.248	.118	.696	-.087	130	536	.202	.157	.819	-.358	140	106	-.311	.147	.168	-1.955
1330	456	.274	.122	.696	-.235	130	537	.046	.128	.541	-.437	140	107	-.310	.150	.150	-1.319
1330	457	.261	.156	.760	-.476	130	538	-.087	.129	.395	-.639	140	108	-.293	.151	.170	-1.463
1330	458	.235	.176	.806	-.426	130	539	.313	.135	.813	-.121	140	109	-.299	.152	.137	-1.550
1330	459	.180	.111	.254	-.596	130	540	-.074	.128	.503	-.558	140	110	-.290	.117	.076	-1.878
1330	460	.253	.141	.819	-.340	130	541	.298	.128	.751	-.109	140	111	-.297	.119	.097	-1.741
1330	461	.190	.102	.154	-.512	130	542	.307	.129	.777	-.111	140	112	-.299	.121	.180	-1.818
1330	462	.144	.106	.197	-.472	130	543	.276	.129	.753	-.170	140	113	-.301	.112	.151	-1.897
1330	463	-.036	.091	.304	-.346	130	544	.122	.123	.565	-.309	140	114	-.291	.092	.023	-1.605
1330	464	.014	.088	.305	-.288	130	545	.050	.113	.420	-.358	140	115	-.298	.095	.015	-1.669
1330	465	.116	.092	.449	-.188	130	546	-.014	.114	.337	-.426	140	116	-.294	.094	.030	-1.677
1330	466	.291	.119	.868	-.053	130	547	.116	.132	.603	-.295	140	117	-.290	.113	.060	-1.643
1330	467	.340	.127	.880	-.028	130	548	.141	.128	.696	-.325	140	118	-.284	.114	.070	-1.635
1330	468	.349	.133	.894	-.077	130	549	-.297	.133	.136	-.855	140	119	-.291	.117	.080	-1.640
1330	469	.327	.132	.882	-.090	130	550	-.296	.137	.145	-.887	140	120	-.292	.116	.087	-1.644
1330	501	.390	.168	.942	-.193	130	551	.300	.149	.100	-1.125	140	121	-.279	.105	.053	-1.794
1330	502	.392	.170	.922	-.194	130	552	.160	.137	.619	-.233	140	122	-.279	.108	.124	-1.640
1330	503	.329	.170	.873	-.292	130	553	.216	.146	.717	-.199	140	123	-.282	.109	.125	-1.652
1330	504	.241	.168	.833	-.377	130	554	-.289	.141	.142	-.862	140	124	-.286	.111	.105	-1.722
1330	505	.114	.146	.592	-.394	130	555	.306	.159	.146	-1.145	140	125	-.293	.115	.065	-1.810
1330	506	-.036	.136	.445	-.556	130	556	-.298	.161	.263	-1.232	140	126	-.288	.109	.036	-1.705
1330	507	.476	.170	1.150	-.114	130	901	-.288	.140	.202	-.780	140	127	-.295	.113	.058	-1.754
1330	508	.508	.170	1.226	-.087	130	902	-.307	.143	.201	-.860	140	128	-.300	.113	.055	-1.737
1330	509	.481	.179	1.201	-.135	130	903	-.358	.145	.192	-.903	140	129	-.287	.107	.080	-1.722
1330	510	.378	.189	1.013	-.260	130	904	-.220	.127	.214	-.618	140	130	-.280	.104	.082	-1.700
1330	511	.233	.138	.706	-.207	130	905	-.220	.113	.150	-.674	140	131	-.284	.106	.077	-1.665
1330	512	.012	.125	.470	-.429	130	906	-.258	.119	.117	-.901	140	132	-.283	.106	.098	-1.658
1330	513	.369	.164	.898	-.154	130	907	-.285	.137	.087	-1.217	140	133	-.273	.107	.089	-1.636
1330	514	.341	.152	.826	-.114	130	908	-.315	.154	.119	-1.107	140	134	-.272	.106	.070	-1.625
1330	515	.500	.164	1.057	-.004	130	909	-.305	.146	.167	-.949	140	135	-.265	.111	.104	-1.759
1330	516	.066	.138	.432	-.495	130	910	-.127	.128	.569	-.289	140	136	-.274	.106	.077	-1.670
1330	517	.497	.159	1.014	-.007	140	1	-.316	.156	.187	-1.131	140	137	-.269	.120	.059	-1.331
1330	518	.527	.160	1.026	.040	140	2	-.326	.152	.135	-.950	140	138	-.266	.118	.060	-1.298
1330	519	.520	.169	1.210	-.012	140	3	-.176	.159	.380	-.694	140	139	-.274	.120	.094	-1.404
1330	520	.369	.175	.890	-.151	140	4	-.254	.179	.321	-.906	140	140	-.278	.117	.088	-1.837
1330	521	.145	.149	.674	-.416	140	5	-.649	.219	.151	-1.733	140	141	-.292	.104	.053	-1.774
1330	522	-.022	.152	.507	-.823	140	6	-.342	.162	.161	-.982	140	142	-.302	.099	.038	-1.655
1330	523	.467	.163	1.013	-.088	140	7	-.451	.166	.052	-1.350	140	143	-.321	.101	.004	-1.696
1330	524	-.032	.148	.550	-.562	140	8	-.555	.157	.007	-1.471	140	144	-.299	.097	.026	-1.667
1330	525	.437	.158	1.074	-.051	140	9	-.566	.187	.030	-1.388	140	145	-.295	.098	.027	-1.606
1330	526	.496	.166	1.081	-.061	140	10	-.363	.153	.107	-1.126	140	146	-.278	.097	.057	-1.628
1330	527	.441	.175	1.050	-.019	140	11	-.345	.140	.148	-1.060	140	147	-.268	.099	.056	-1.595
1330	528	.284	.170	.969	-.333	140	12	-.404	.125	.063	-1.108	140	148	-.273	.105	.084	-1.676
1330	529	.098	.146	.640	-.406	140	13	-.535	.151	-.058	-1.171	140	149	-.274	.101	.023	-1.610
1330	530	-.061	.152	.406	-.716	140	14	-.578	.171	-.097	-1.433	140	150	-.235	.103	.126	-1.798
1330	531	.411	.147	.932	-.065	140	101	-.434	.135	-.005	-1.083	140	151	-.257	.103	.059	-1.658
1330	532	-.061	.149	.377	-.741	140	102	-.471	.152	.012	-1.182	140	152	-.240	.114	.104	-1.003

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	153	-.2635	.116	.243	-1.121	140	203	-.296	.124	.066	-1.004	140	344	-.285	.117	.127	-1.799
140	154	-.284	.116	.284	-.744	140	204	-.296	.117	.081	-.892	140	345	-.226	.107	.171	-.639
140	155	-.276	.119	.234	-.965	140	205	-.233	.111	.173	-.597	140	346	-.234	.110	.152	-.681
140	156	-.290	.111	.163	-.838	140	206	-.239	.111	.158	-.593	140	347	-.213	.106	.170	-.646
140	157	-.308	.117	.051	-.705	140	207	-.221	.114	.167	-.588	140	348	-.250	.116	.163	-.638
140	158	-.311	.115	.041	-.682	140	208	-.222	.116	.147	-.614	140	401	-.241	.102	.093	-.585
140	159	-.285	.110	.054	-.622	140	209	-.220	.123	.130	-.685	140	402	-.133	.115	.311	-.519
140	160	-.289	.110	.069	-.581	140	301	-.299	.126	.121	-.808	140	403	-.050	.120	.415	-.466
140	161	-.265	.103	.053	-.600	140	302	-.289	.127	.142	-.818	140	404	.007	.125	.437	-.415
140	162	-.233	.100	.128	-.586	140	303	-.285	.126	.133	-.826	140	405	.070	.144	.629	-.422
140	163	-.248	.106	.126	-.625	140	304	-.297	.123	.120	-.808	140	406	.005	.132	.415	-.411
140	164	-.253	.108	.133	-.689	140	305	-.351	.130	.046	-.920	140	407	.078	.140	.492	-.411
140	165	-.244	.114	.134	-.730	140	306	-.334	.125	.065	-.881	140	408	.192	.144	.643	-.297
140	166	-.229	.112	.227	-.765	140	307	-.297	.121	.047	-.777	140	409	.236	.179	.715	-.525
140	167	-.245	.117	.136	-.841	140	308	-.288	.110	.121	-.688	140	410	-.027	.129	.535	-.437
140	168	-.248	.118	.129	-.842	140	309	-.295	.107	.099	-.678	140	411	-.056	.127	.419	-.484
140	169	-.275	.125	.122	-1.138	140	310	-.288	.108	.117	-.653	140	412	.197	.149	.662	-.325
140	170	-.275	.124	.126	-1.335	140	311	-.367	.121	.036	-.729	140	413	.190	.145	.657	-.264
140	171	-.296	.121	.127	-1.118	140	312	-.425	.146	.084	-1.042	140	414	.249	.149	.722	-.196
140	172	-.313	.118	.057	-.751	140	313	-.316	.117	.150	-.839	140	415	.411	.163	.915	-.074
140	173	-.300	.136	.144	-.835	140	314	-.271	.112	.195	-.701	140	416	-.439	.184	.090	-.132
140	174	-.260	.121	.157	-.745	140	315	-.309	.121	.180	-.983	140	417	-.171	.110	.214	-.586
140	175	-.239	.119	.167	-.716	140	316	-.302	.126	.037	-.835	140	418	-.066	.115	.333	-.455
140	176	-.218	.117	.163	-.676	140	317	-.301	.121	.039	-.696	140	419	.090	.123	.501	-.345
140	177	-.211	.116	.186	-.598	140	318	-.279	.119	.080	-.675	140	420	.223	.121	.665	-.251
140	178	-.237	.118	.144	-.833	140	319	-.273	.119	.106	-.672	140	421	.274	.121	.711	-.194
140	179	-.244	.120	.144	-.875	140	320	-.265	.103	.076	-.657	140	422	.322	.129	.756	-.184
140	180	-.269	.119	.054	-.857	140	321	-.318	.115	-.027	-1.020	140	423	.416	.143	.981	-.123
140	181	-.264	.114	.089	-.684	140	322	-.263	.104	.092	-.658	140	424	.478	.173	.105	-.100
140	182	-.312	.133	.068	-.992	140	323	-.298	.117	.033	-.988	140	425	.479	.189	.136	-.357
140	183	-.307	.131	.069	-.943	140	324	-.273	.129	.086	-1.211	140	426	-.150	.107	.255	-.534
140	184	-.316	.129	.066	-.937	140	325	-.268	.117	.100	-.857	140	427	-.504	.192	.092	-.335
140	185	-.304	.124	.085	-1.049	140	326	-.241	.114	.123	-.780	140	428	-.151	.105	.236	-.494
140	186	-.317	.123	.052	-.921	140	327	-.233	.113	.159	-.727	140	429	-.064	.105	.374	-.389
140	187	-.289	.120	.097	-.785	140	328	-.245	.112	.109	-.611	140	430	.083	.112	.428	-.260
140	188	-.292	.120	.085	-.787	140	329	-.304	.123	.100	-.844	140	431	.219	.120	.648	-.164
140	189	-.261	.133	.225	-.756	140	330	-.249	.113	.099	-.620	140	432	.288	.129	.764	-.093
140	190	-.283	.128	.217	-.876	140	331	-.280	.123	.135	-.676	140	433	.365	.135	.886	-.039
140	191	-.271	.129	.197	-.905	140	332	-.253	.125	.129	-1.001	140	434	.430	.149	.985	-.022
140	192	-.242	.124	.184	-.730	140	333	-.267	.117	.122	-.926	140	435	.467	.166	.087	-.195
140	193	-.244	.117	.097	-.708	140	334	-.259	.122	.116	-.848	140	436	.462	.187	.012	-.292
140	194	-.245	.116	.097	-.688	140	335	-.253	.119	.089	-.837	140	437	-.147	.102	.153	-.578
140	195	-.222	.119	.283	-.612	140	336	-.243	.120	.150	-.778	140	438	.435	.178	.998	-.171
140	196	-.222	.118	.142	-.612	140	337	-.225	.115	.142	-.738	140	439	-.149	.105	.156	-.580
140	197	-.201	.118	.142	-.649	140	338	-.290	.132	.105	-.880	140	440	-.069	.108	.276	-.422
140	198	-.215	.117	.126	-.658	140	339	-.213	.116	.159	-.758	140	441	.067	.105	.474	-.296
140	199	-.245	.131	.171	-.790	140	340	-.232	.110	.162	-.679	140	442	.191	.110	.642	-.212
140	200	-.249	.130	.132	-.801	140	341	-.255	.116	.162	-.695	140	443	.281	.116	.713	-.133
140	201	-.296	.128	.077	-1.077	140	342	-.244	.109	.125	-.704	140	444	.360	.132	.846	-.020
140	202	-.301	.125	.066	-.979	140	343	-.270	.112	.102	-.714	140	445	.420	.143	.916	-.044



APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	446	.446	.158	.985	.118	140	501	.368	.182	.945	-.200	150	11	-.378	.148	.015	-1.213
140	447	.455	.179	1.127	-.291	140	502	.146	.177	.738	-.485	150	12	-.395	.137	.080	-.925
140	448	-.170	.104	.169	-.551	140	503	.042	.133	.517	-.388	150	13	-.491	.164	.124	-1.134
140	449	.376	.158	1.002	-.282	140	504	-.080	.122	.356	-.486	150	14	-.559	.195	.014	-1.704
140	450	-.183	.105	.182	-.534	140	505	-.080	.122	1.100	-.248	150	101	-.336	.123	-.025	-.773
140	451	-.052	.102	.283	-.403	140	506	-.085	.116	.323	-.553	150	102	-.378	.133	-.003	-.874
140	452	.043	.113	.503	-.291	140	507	-.324	.192	1.019	-.230	150	103	-.324	.122	.073	-.784
140	453	.181	.116	.632	-.189	140	508	.336	.188	.990	-.308	150	104	-.296	.124	.076	-.694
140	454	.261	.126	.727	-.142	140	509	.282	.154	.813	-.180	150	105	-.312	.138	.104	-.934
140	455	.328	.134	.879	-.093	140	510	.077	.156	.675	-.442	150	106	-.312	.146	.136	-1.559
140	456	.372	.150	.900	.047	140	511	-.007	.120	.439	-.408	150	107	-.295	.141	.090	-1.225
140	457	.390	.161	.937	-.063	140	512	-.089	.113	.310	-.484	150	108	-.304	.125	.131	-1.233
140	458	.408	.169	.983	-.110	140	513	.294	.174	.991	-.324	150	109	-.327	.129	.105	-.999
140	459	.426	.173	1.033	-.198	140	514	-.090	.123	.352	-.500	150	110	-.323	.128	.148	-.790
140	460	.444	.183	1.095	-.292	140	515	.253	.155	.877	-.233	150	111	-.325	.132	.145	-.916
140	461	.461	.191	1.169	-.406	140	516	.288	.166	.873	-.222	150	112	-.329	.134	.140	-.910
140	462	.478	.200	1.254	-.533	140	517	.333	.179	.878	-.230	150	113	-.324	.124	.072	-.773
140	463	.495	.204	1.349	-.666	140	518	.368	.193	.878	-.233	150	114	-.278	.097	.039	-.630
140	464	.512	.208	1.454	-.800	140	519	.403	.207	.877	-.233	150	115	-.279	.097	.045	-.614
140	465	.529	.212	1.569	-.933	140	520	.438	.221	.877	-.233	150	116	-.275	.097	.043	-.617
140	466	.546	.216	1.694	-1.066	140	521	.473	.235	.877	-.233	150	117	-.274	.107	.047	-.670
140	467	.563	.219	1.829	-1.200	140	522	.508	.249	.877	-.233	150	118	-.274	.107	.077	-.650
140	468	.580	.223	1.964	-1.333	140	523	.543	.263	.877	-.233	150	119	-.274	.107	.053	-.662
140	469	.597	.226	2.100	-1.466	140	524	.578	.277	.877	-.233	150	120	-.287	.106	.039	-.661
140	501	.614	.229	2.235	-1.600	140	525	.613	.291	.877	-.233	150	121	-.308	.111	.070	-.739
140	502	.631	.232	2.370	-1.733	140	526	.648	.305	.877	-.233	150	122	-.295	.112	.068	-.725
140	503	.648	.235	2.505	-1.866	140	527	.683	.319	.877	-.233	150	123	-.295	.113	.061	-.720
140	504	.665	.238	2.640	-2.000	140	528	.718	.333	.877	-.233	150	124	-.294	.114	.061	-.730
140	505	.682	.241	2.775	-2.133	140	529	.753	.347	.877	-.233	150	125	-.289	.106	.036	-.703
140	506	.699	.244	2.910	-2.266	140	530	.788	.361	.877	-.233	150	126	-.299	.106	.034	-.755
140	507	.716	.247	3.045	-2.400	140	531	.823	.375	.877	-.233	150	127	-.299	.106	.037	-.706
140	508	.733	.250	3.180	-2.533	140	532	.858	.389	.877	-.233	150	128	-.303	.108	.037	-.741
140	509	.750	.253	3.315	-2.666	140	533	.893	.403	.877	-.233	150	129	-.305	.110	.058	-.675
140	510	.767	.256	3.450	-2.800	140	534	.928	.417	.877	-.233	150	130	-.300	.099	.044	-.675
140	511	.784	.259	3.585	-2.933	140	535	.963	.431	.877	-.233	150	131	-.308	.105	.043	-.773
140	512	.801	.262	3.720	-3.066	140	536	.998	.445	.877	-.233	150	132	-.311	.111	.030	-.754
140	513	.818	.265	3.855	-3.200	140	537	1.033	.459	.877	-.233	150	133	-.312	.117	.127	-.815
140	514	.835	.268	3.990	-3.333	140	538	1.068	.473	.877	-.233	150	134	-.317	.118	.107	-.866
140	515	.852	.271	4.125	-3.466	140	539	1.103	.487	.877	-.233	150	135	-.268	.109	.104	-.652
140	516	.869	.274	4.260	-3.600	140	540	1.138	.501	.877	-.233	150	136	-.317	.120	.033	-.889
140	517	.886	.277	4.395	-3.733	140	541	1.173	.515	.877	-.233	150	137	-.258	.108	.082	-.626
140	518	.903	.280	4.530	-3.866	140	542	1.208	.529	.877	-.233	150	138	-.258	.107	.092	-.617
140	519	.920	.283	4.665	-4.000	140	543	1.243	.543	.877	-.233	150	139	-.265	.109	.080	-.657
140	520	.937	.286	4.800	-4.133	140	544	1.278	.557	.877	-.233	150	140	-.273	.109	.074	-.673
140	521	.954	.289	4.935	-4.266	140	545	1.313	.571	.877	-.233	150	141	-.294	.109	.111	-.706
140	522	.971	.292	5.070	-4.400	140	546	1.348	.585	.877	-.233	150	142	-.311	.111	.103	-.768
140	523	.988	.295	5.205	-4.533	140	547	1.383	.599	.877	-.233	150	143	-.319	.112	.044	-.785
140	524	1.005	.298	5.340	-4.666	140	548	1.418	.613	.877	-.233	150	144	-.293	.105	.104	-.626
140	525	1.022	.301	5.475	-4.800	140	549	1.453	.627	.877	-.233	150	145	-.297	.107	.043	-.730
140	526	1.039	.304	5.610	-4.933	140	550	1.488	.641	.877	-.233	150	146	-.297	.111	.048	-.760

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	147	-.301	.118	-.206	-.702	150	197	-.254	.123	-.152	-.759	150	338	-.386	.147	-.048	-.966
150	148	-.315	.122	-.049	-.949	150	198	-.256	.122	-.151	-.758	150	339	-.254	.123	-.121	-.699
150	149	-.316	.120	-.191	-.834	150	199	-.242	.115	-.139	-.644	150	340	-.235	.127	-.176	-.725
150	150	-.252	.104	-.076	-.686	150	200	-.252	.114	-.113	-.653	150	341	-.270	.133	-.138	-.767
150	151	-.309	.123	-.148	-.760	150	201	-.274	.109	-.099	-.731	150	342	-.248	.122	-.112	-.588
150	152	-.241	.108	-.113	-.614	150	202	-.274	.108	-.085	-.686	150	343	-.287	.123	-.069	-.651
150	153	-.252	.108	-.092	-.741	150	203	-.276	.109	-.076	-.730	150	344	-.318	.128	-.107	-.854
150	154	-.258	.108	-.084	-.813	150	204	-.259	.109	-.089	-.615	150	345	-.238	.122	-.257	-.721
150	155	-.272	.110	-.082	-.825	150	205	-.241	.107	-.132	-.566	150	346	-.245	.123	-.193	-.709
150	156	-.292	.110	-.068	-.871	150	206	-.237	.107	-.125	-.585	150	347	-.227	.116	-.185	-.627
150	157	-.327	.114	-.032	-.990	150	207	-.243	.111	-.171	-.635	150	348	-.252	.112	-.116	-.730
150	158	-.323	.115	-.097	-.945	150	208	-.255	.115	-.128	-.682	150	401	-.217	.117	-.243	-.666
150	159	-.283	.104	-.080	-.676	150	209	-.248	.122	-.110	-.802	150	402	-.083	.120	-.424	-.526
150	160	-.268	.101	-.215	-.593	150	301	-.348	.146	-.084	-.992	150	403	-.006	.130	-.450	-.425
150	161	-.261	.105	-.085	-.702	150	302	-.343	.145	-.126	-.902	150	404	-.055	.133	-.534	-.469
150	162	-.269	.109	-.181	-.773	150	303	-.342	.145	-.139	-1.110	150	405	-.108	.141	-.764	-.344
150	163	-.292	.115	-.076	-.821	150	304	-.364	.134	-.049	-.890	150	406	-.095	.138	-.727	-.351
150	164	-.298	.118	-.093	-.836	150	305	-.399	.139	-.019	-.943	150	407	-.168	.144	-.734	-.337
150	165	-.243	.112	-.134	-.825	150	306	-.384	.134	-.001	-.949	150	408	-.244	.159	-.705	-.320
150	166	-.295	.132	-.096	-.847	150	307	-.347	.138	-.048	-1.170	150	409	-.303	.169	-.819	-.441
150	167	-.238	.111	-.130	-.694	150	308	-.341	.128	-.013	-1.002	150	410	-.012	.146	-.689	-.499
150	168	-.239	.112	-.118	-.745	150	309	-.331	.117	-.005	-.912	150	411	-.002	.150	-.666	-.492
150	169	-.265	.113	-.109	-.605	150	310	-.328	.117	-.049	-.816	150	412	-.264	.152	-.724	-.219
150	170	-.281	.112	-.067	-.675	150	311	-.432	.134	-.028	-1.012	150	413	-.275	.148	-.737	-.162
150	171	-.309	.118	-.022	-.874	150	312	-.460	.158	-.034	-1.088	150	414	-.358	.155	-.868	-.099
150	172	-.327	.122	-.019	-.813	150	313	-.329	.133	-.046	-1.030	150	415	-.473	.168	1.021	-.056
150	173	-.318	.118	-.123	-.755	150	314	-.297	.120	-.072	-.693	150	416	-.541	.174	1.163	-.034
150	174	-.268	.104	-.122	-.646	150	315	-.338	.142	-.064	-1.168	150	417	-.151	.113	1.261	-.544
150	175	-.258	.102	-.103	-.638	150	316	-.358	.142	-.126	-1.065	150	418	-.012	.123	1.473	-.444
150	176	-.260	.108	-.094	-.633	150	317	-.335	.129	-.044	-.968	150	419	-.177	.136	1.790	-.307
150	177	-.252	.123	-.236	-.872	150	318	-.326	.125	-.052	-.972	150	420	-.331	.145	1.880	-.100
150	178	-.277	.121	-.084	-.915	150	319	-.325	.124	-.018	-1.006	150	421	-.387	.147	1.962	-.068
150	179	-.288	.123	-.078	-.900	150	320	-.321	.110	-.020	-.805	150	422	-.451	.158	1.037	-.060
150	180	-.255	.110	-.133	-.685	150	321	-.354	.138	-.103	-1.152	150	423	-.534	.172	1.105	-.054
150	181	-.276	.124	-.105	-.764	150	322	-.311	.112	-.036	-.737	150	424	-.533	.181	1.224	-.020
150	182	-.254	.118	-.121	-.817	150	323	-.347	.143	-.149	-1.080	150	425	-.525	.184	1.215	-.074
150	183	-.254	.118	-.133	-.708	150	324	-.320	.139	-.126	-1.118	150	426	-.135	.119	1.320	-.589
150	184	-.264	.118	-.136	-.725	150	325	-.301	.127	-.071	-1.040	150	427	-.527	.186	1.188	-.046
150	185	-.267	.119	-.211	-.899	150	326	-.286	.120	-.058	-.758	150	428	-.122	.120	1.264	-.478
150	186	-.272	.119	-.126	-.944	150	327	-.283	.116	-.087	-.741	150	429	-.018	.121	1.406	-.397
150	187	-.253	.117	-.208	-.861	150	328	-.307	.116	-.056	-.802	150	430	-.162	.135	1.652	-.293
150	188	-.257	.117	-.212	-.863	150	329	-.339	.137	-.044	-1.434	150	431	-.307	.146	1.819	-.166
150	189	-.259	.124	-.214	-.747	150	330	-.295	.115	-.065	-.764	150	432	-.425	.145	1.963	-.015
150	190	-.270	.120	-.190	-.789	150	331	-.319	.129	-.119	-.871	150	433	-.501	.151	1.028	-.084
150	191	-.276	.122	-.144	-.728	150	332	-.299	.142	-.183	-1.115	150	434	-.560	.167	1.187	-.103
150	192	-.260	.126	-.133	-.646	150	333	-.301	.134	-.135	-.851	150	435	-.573	.181	1.195	-.044
150	193	-.227	.118	-.180	-.683	150	334	-.325	.144	-.162	-.921	150	436	-.531	.190	1.128	-.221
150	194	-.223	.116	-.154	-.681	150	335	-.310	.137	-.146	-.884	150	437	-.141	.114	1.323	-.548
150	195	-.231	.120	-.144	-.693	150	336	-.311	.122	-.089	-.731	150	438	-.491	.186	1.011	-.060
150	196	-.240	.123	-.132	-.731	150	337	-.270	.119	-.097	-.798	150	439	-.147	.117	1.305	-.588

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
1550	440	.038	.110	.351	-.479	150	150	.052	.114	.339	-.445	160	5	.495	.193	.154	-1.294
1550	441	.124	.115	.493	-.252	150	150	.148	.105	.198	-.537	160	6	.412	.168	.018	-1.221
1550	442	.270	.126	.726	-.107	150	150	.330	.203	.922	-.464	160	7	.403	.147	.029	-.965
1550	443	.365	.135	.767	-.053	150	150	.117	.102	.227	-.466	160	8	.479	.163	.033	-1.050
1550	444	.429	.143	.948	.018	150	150	.293	.195	.862	-.466	160	9	.480	.167	.016	-1.066
1550	445	.463	.147	1.052	.008	150	150	.296	.211	1.055	-.663	160	10	.356	.142	.040	-1.394
1550	446	.453	.156	1.056	.017	150	150	.235	.153	.847	-.299	160	11	.365	.126	.041	-1.030
1550	447	.437	.174	.934	.017	150	150	.038	.153	.633	-.649	160	12	.438	.120	.092	-1.794
1550	448	.433	.153	.770	-.074	150	150	.049	.112	.469	-.421	160	13	.438	.144	.011	-1.058
1550	449	.371	.159	.670	-.748	150	150	.139	.104	.469	-.491	160	14	.490	.164	.093	-1.351
1550	450	.323	.159	.534	-.079	150	150	.230	.206	.867	-.491	160	101	.309	.112	.097	-.753
1550	451	.293	.159	.229	-.304	150	150	.137	.160	.228	-.456	160	102	.306	.115	.089	-.757
1550	452	.222	.117	.443	-.444	150	150	.161	.195	.339	-.570	160	103	.282	.113	.176	-.702
1550	453	.206	.117	.609	-.157	150	150	.171	.195	.339	-.570	160	104	.273	.118	.191	-.702
1550	454	.206	.126	.765	-.066	150	150	.159	.206	.339	-.596	160	105	.299	.137	.141	-.957
1550	455	.334	.136	.839	.061	150	150	.080	.144	.442	-.652	160	106	.299	.137	.127	-.928
1550	456	.466	.140	.905	-.030	150	150	.071	.107	.307	-.457	160	107	.229	.144	.146	-.806
1550	457	.335	.147	.952	-.077	150	150	.137	.103	.219	-.519	160	108	.333	.133	.133	-.801
1550	458	.335	.157	.931	-.183	150	150	.110	.188	.188	-.633	160	109	.333	.126	.086	-.761
1550	459	.233	.121	.118	-.759	150	150	.149	.105	.234	-.477	160	110	.333	.124	.061	-.751
1550	460	.209	.138	.788	-.156	150	150	.120	.166	.756	-.625	160	111	.333	.127	.069	-.861
1550	461	.206	.124	.089	-.808	150	150	.164	.167	.747	-.394	160	112	.333	.136	.080	-1.028
1550	462	.213	.118	.151	-.111	150	150	.164	.136	.723	-.298	160	113	.333	.140	.104	-.978
1550	463	.206	.101	.288	-.412	150	150	.020	.117	.469	-.427	160	114	.269	.102	.047	-.624
1550	464	.051	.098	.613	-.168	150	150	.066	.113	.395	-.437	160	115	.266	.102	.055	-.624
1550	465	.216	.110	.613	-.099	150	150	.066	.114	.359	-.505	160	116	.266	.102	.051	-.637
1550	466	.409	.148	.622	-.007	150	150	.066	.117	.357	-.403	160	117	.266	.103	.079	-.615
1550	467	.409	.156	.247	-.013	150	150	.052	.117	.447	-.369	160	118	.266	.101	.069	-.594
1550	468	.328	.143	.877	-.180	150	150	.294	.122	.222	-.738	160	119	.266	.103	.059	-.614
1550	469	.268	.135	.846	-.232	150	150	.294	.123	.222	-.737	160	120	.299	.104	.048	-.644
1550	501	.249	.213	.894	-.681	150	150	.285	.116	.085	-.970	160	121	.299	.103	.048	-.644
1550	502	.273	.176	.838	-.723	150	150	.024	.109	.564	-.354	160	122	.266	.103	.144	-.616
1550	503	.110	.178	.739	-.548	150	150	.104	.123	.723	-.314	160	123	.259	.104	.157	-.623
1550	504	.063	.170	.629	-.739	150	150	.271	.114	.101	-.879	160	124	.259	.104	.178	-.632
1550	505	.054	.123	.446	-.461	150	150	.259	.109	.097	-.684	160	125	.269	.105	.040	-.704
1550	506	.157	.137	.286	-.523	150	150	.104	.104	.090	-.678	160	126	.278	.104	.008	-.726
1550	507	.136	.113	.052	-.111	150	150	.271	.108	.096	-.669	160	127	.283	.106	.003	-.762
1550	508	.136	.113	.052	-.111	150	150	.271	.106	.083	-.660	160	128	.292	.106	.003	-.726
1550	509	.169	.162	.323	-.111	150	150	.266	.105	.089	-.688	160	129	.294	.111	.148	-.715
1550	510	.028	.130	.692	-.099	150	150	.116	.116	.146	-.748	160	130	.307	.111	.130	-.715
1550	511	.111	.130	.619	-.099	150	150	.121	.121	.158	-.707	160	131	.317	.116	.128	-.839
1550	512	.117	.114	.375	-.099	150	150	.169	.109	.144	-.587	160	132	.318	.119	.106	-.882
1550	513	.044	.158	.755	-.099	150	150	.168	.118	.168	-.676	160	133	.309	.119	.030	-.864
1550	514	.144	.152	.755	-.099	150	150	.144	.144	.144	-.644	160	134	.316	.124	.041	-.876
1550	515	.393	.225	1.122	-.466	150	150	.157	.119	.655	-.379	160	135	.233	.093	.082	-.544
1550	516	.140	.114	.265	-.605	150	150	.113	.113	.401	-.379	160	136	.222	.127	.056	-.908
1550	517	.359	.227	1.114	-.361	150	150	.172	.172	.233	-.241	160	137	.244	.093	.034	-.565
1550	518	.297	.227	.985	-.386	150	150	.180	.180	.163	-.213	160	138	.244	.093	.024	-.560
1550	519	.156	.156	.887	-.377	150	150	.161	.161	.302	-.191	160	139	.244	.093	.020	-.557
1550	520	.001	.161	.502	-.374	160	160	.140	.140	.195	-.946	160	140	.257	.093	.010	-.569

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	141	-.275	.100	.039	-.659	160	191	-.294	.120	.119	-.817	160	332	-.290	.147	.241	-.996
160	142	-.283	.102	.016	-.686	160	192	-.267	.121	.146	-.734	160	333	-.334	.152	.202	-1.029
160	143	-.284	.103	.027	-.677	160	193	-.218	.107	.204	-.709	160	334	-.375	.158	.168	-1.108
160	144	-.277	.101	.096	-.620	160	194	-.227	.107	.148	-.698	160	335	-.369	.149	.126	-.983
160	145	-.280	.098	.015	-.566	160	195	-.256	.120	.054	-.686	160	336	-.378	.152	.039	-1.366
160	146	-.301	.101	.047	-.582	160	196	-.267	.119	.057	-.735	160	337	-.272	.122	.101	-.737
160	147	-.314	.111	.054	-.743	160	197	-.248	.120	.135	-.732	160	338	-.492	.190	.055	-1.507
160	148	-.327	.123	.124	-.927	160	198	-.253	.118	.154	-.679	160	339	-.265	.127	.128	-.919
160	149	-.329	.136	.066	-.935	160	199	-.229	.112	.102	-.586	160	340	-.281	.135	.160	-.780
160	150	-.242	.101	.135	-.588	160	200	-.241	.112	.091	-.605	160	341	-.280	.140	.132	-.822
160	151	-.320	.139	.058	-1.008	160	201	-.257	.111	.131	-.678	160	342	-.300	.127	.209	-1.717
160	152	-.233	.104	.145	-.590	160	202	-.262	.109	.096	-.736	160	343	-.306	.126	.143	-.787
160	153	-.232	.106	.100	-.680	160	203	-.260	.114	.146	-.848	160	344	-.353	.126	.025	-1.811
160	154	-.240	.105	.106	-.711	160	204	-.245	.113	.161	-.650	160	345	-.259	.131	.376	-.739
160	155	-.248	.107	.094	-.733	160	205	-.212	.106	.185	-.604	160	346	-.270	.123	.180	-.713
160	156	-.268	.111	.091	-.874	160	206	-.226	.106	.097	-.638	160	347	-.249	.111	.093	-.660
160	157	-.280	.102	.029	-.752	160	207	-.247	.113	.129	-.647	160	348	-.243	.107	.128	-.718
160	158	-.265	.097	.098	-.753	160	208	-.254	.114	.135	-.665	160	401	-.190	.121	.188	-.819
160	159	-.245	.093	.051	-.677	160	209	-.249	.125	.181	-.636	160	402	-.025	.130	.414	-.546
160	160	-.244	.092	.079	-.364	160	3301	-.347	.163	.195	-1.344	160	403	-.074	.139	.615	-.498
160	161	-.261	.107	.074	-.739	160	3302	-.339	.167	.219	-1.134	160	404	-.101	.132	.595	-.383
160	162	-.281	.111	.074	-.768	160	3303	-.359	.165	.164	-1.117	160	405	-.114	.137	.588	-.430
160	163	-.291	.124	.126	-.876	160	3304	-.391	.133	.047	-1.069	160	406	-.143	.143	.659	-.391
160	164	-.299	.130	.117	-.935	160	3305	-.426	.139	.030	-1.092	160	407	-.204	.152	.759	-.411
160	165	-.234	.102	.070	-.607	160	3306	-.416	.147	.064	-1.284	160	408	-.282	.154	.840	-.316
160	166	-.307	.130	.140	-.950	160	3307	-.356	.149	.076	-1.250	160	409	-.285	.162	.885	-.352
160	167	-.228	.104	.095	-.613	160	3308	-.354	.148	.079	-1.073	160	410	-.127	.160	.988	-.421
160	168	-.229	.104	.079	-.623	160	3309	-.374	.145	.062	-1.143	160	411	-.142	.168	.969	-.474
160	169	-.233	.102	.093	-.660	160	3310	-.372	.147	.050	-1.341	160	412	-.349	.159	.936	-.217
160	170	-.250	.102	.086	-.646	160	3311	-.478	.156	.027	-1.558	160	413	-.357	.153	.838	-.194
160	171	-.275	.108	.054	-.759	160	3312	-.487	.176	.039	-1.346	160	414	-.441	.158	.972	-.197
160	172	-.280	.110	.021	-.885	160	3313	-.374	.158	.048	-1.446	160	415	-.516	.166	1.063	-.047
160	173	-.243	.119	.128	-.741	160	3314	-.362	.146	.065	-1.071	160	416	-.495	.183	1.189	-.212
160	174	-.218	.107	.114	-.591	160	3315	-.373	.168	.181	-1.305	160	417	-.119	.130	.369	-.642
160	175	-.223	.111	.113	-.819	160	3316	-.334	.153	.136	-1.092	160	418	-.052	.141	.547	-.427
160	176	-.250	.126	.147	-.873	160	3317	-.335	.142	.062	-1.121	160	419	-.269	.157	.807	-.298
160	177	-.291	.132	.088	-1.000	160	3318	-.327	.135	.042	-1.999	160	420	-.396	.162	.914	-.077
160	178	-.298	.133	.065	-1.020	160	3319	-.329	.130	.041	-1.957	160	421	-.434	.160	1.015	-.026
160	179	-.301	.137	.082	-1.105	160	3320	-.366	.127	.003	-1.021	160	422	-.491	.168	1.060	-.045
160	180	-.233	.110	.110	-.652	160	3321	-.396	.166	.073	-1.402	160	423	-.342	.176	1.039	-.047
160	181	-.275	.121	.158	-.869	160	3322	-.367	.129	.019	-.939	160	424	-.517	.188	1.134	-.067
160	182	-.250	.115	.123	-.695	160	3323	-.378	.172	.122	-1.389	160	425	-.446	.190	1.043	-.155
160	183	-.246	.116	.131	-.711	160	3324	-.365	.180	.127	-1.450	160	426	-.102	.134	.387	-.573
160	184	-.255	.116	.116	-.711	160	3325	-.365	.164	.129	-1.170	160	427	-.442	.193	1.120	-.148
160	185	-.243	.113	.107	-.672	160	3326	-.351	.162	.131	-1.227	160	428	-.097	.126	.332	-.612
160	186	-.254	.113	.099	-.737	160	3327	-.351	.155	.098	-1.017	160	429	-.027	.127	.468	-.417
160	187	-.231	.113	.165	-.665	160	3328	-.354	.146	.070	-.959	160	430	-.233	.140	.719	-.183
160	188	-.235	.112	.141	-.641	160	3329	-.356	.171	.177	-1.289	160	431	-.384	.151	.869	-.128
160	189	-.280	.117	.163	-.725	160	3330	-.343	.142	.063	-1.022	160	432	-.469	.148	.991	-.029
160	190	-.296	.117	.122	-.828	160	3331	-.320	.157	.325	-1.252	160	433	-.520	.154	1.022	-.090

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	434	.547	.166	1.228	-.045	160	515	.074	.241	.784	-.762	160	909	-.227	.114	.136	-.601
160	435	.500	.175	1.179	-.125	160	516	-.220	.110	.236	-.573	160	910	-.006	.111	.330	-.365
160	436	.415	.191	1.050	-.169	160	517	.033	.243	.771	-.733	170	1	-.392	.185	.149	-1.540
160	437	-.120	.121	1.295	-.618	160	518	.036	.257	.756	-.753	170	2	-.392	.174	.226	-1.307
160	438	.363	.185	1.084	-.339	160	519	-.162	.160	.660	-.757	170	3	-.433	.182	.259	-1.392
160	439	-.127	.124	.312	-.618	160	520	-.192	.139	.303	-.704	170	4	-.327	.149	.313	-.951
160	440	.008	.143	.573	-.457	160	521	-.141	.107	.253	-.495	170	5	-.403	.174	.260	-1.143
160	441	.184	.147	.778	-.277	160	522	-.202	.105	.167	-.535	170	6	-.444	.187	.185	-1.382
160	442	.331	.155	.953	-.185	160	523	-.028	.228	.742	-.832	170	7	-.403	.145	-.013	-1.014
160	443	.411	.159	1.010	-.049	160	524	-.192	.106	.157	-.630	170	8	-.479	.166	-.023	-1.081
160	444	.441	.159	1.004	-.156	160	525	-.001	.218	.733	-.785	170	9	-.472	.159	.020	-1.058
160	445	.443	.165	1.016	-.192	160	526	-.019	.252	.622	-.992	170	10	-.385	.141	-.003	-1.207
160	446	.387	.173	.978	-.245	160	527	-.071	.175	.646	-.783	170	11	-.385	.137	.062	-1.011
160	447	-.285	.186	.924	-.517	160	528	-.223	.138	.303	-.744	170	12	-.366	.122	.017	-.862
160	448	-.138	.125	.253	-.622	160	529	-.159	.110	.252	-.496	170	13	-.422	.149	.027	-1.022
160	449	-.275	.176	.849	-.236	160	530	-.202	.110	.173	-.562	170	14	-.481	.172	.038	-1.223
160	450	-.170	.126	.292	-.574	160	531	-.106	.250	.769	-1.003	170	101	-.291	.113	.106	-.712
160	451	-.037	.122	.441	-.468	160	532	-.197	.105	.193	-.543	170	102	-.291	.113	.113	-.702
160	452	.138	.125	.561	-.235	160	533	-.126	.224	.737	-.837	170	103	-.277	.113	.128	-.694
160	453	.281	.127	.687	-.094	160	534	-.125	.240	.809	-.818	170	104	-.277	.123	.185	-.802
160	454	.362	.135	.788	-.053	160	535	-.009	.169	.496	-.944	170	105	-.289	.130	.131	-.792
160	455	.392	.145	.910	-.054	160	536	-.227	.140	.234	-.763	170	106	-.314	.125	.120	-.745
160	456	.387	.163	.898	-.068	160	537	-.157	.108	.208	-.512	170	107	-.352	.129	.130	-.793
160	457	.312	.167	.994	-.216	160	538	-.195	.107	.157	-.554	170	108	-.363	.131	.081	-.901
160	458	.229	.181	.978	-.385	160	539	-.091	.191	.620	-.891	170	109	-.348	.132	.151	-.980
160	459	-.261	.147	.173	-.983	160	540	-.175	.107	.191	-.684	170	110	-.339	.132	.140	-1.301
160	460	-.190	.164	.891	-.358	160	541	-.079	.214	.478	-1.003	170	111	-.328	.137	.123	-1.032
160	461	-.290	.114	.120	-.716	160	542	-.063	.205	.537	-.937	170	112	-.316	.146	.148	-.852
160	462	-.205	.109	.198	-.608	160	543	-.016	.172	.555	-.563	170	113	-.325	.144	.125	-1.098
160	463	-.026	.095	.303	-.405	160	544	-.089	.124	.399	-.509	170	114	-.286	.109	.105	-.601
160	464	.070	.103	.428	-.235	160	545	-.093	.129	.415	-.555	170	115	-.286	.100	.119	-.627
160	465	.247	.115	.638	-.103	160	546	-.128	.127	.388	-.580	170	116	-.271	.101	.106	-.623
160	466	.432	.149	1.016	.047	160	547	-.086	.107	.251	-.481	170	117	-.270	.109	.068	-.683
160	467	.384	.144	1.131	-.016	160	548	-.029	.112	.368	-.383	170	118	-.286	.108	.032	-.712
160	468	.253	.151	.970	-.198	160	549	-.271	.102	.083	-.654	170	119	-.299	.111	.047	-.697
160	469	.153	.151	.879	-.361	160	550	-.266	.102	.086	-.665	170	120	-.307	.110	.048	-.667
160	501	-.120	.239	.750	-.870	160	551	-.267	.105	.072	-.633	170	121	-.312	.108	.084	-.699
160	502	-.045	.285	.784	-.939	160	552	-.049	.113	.533	-.466	170	122	-.264	.104	.155	-.589
160	503	-.103	.164	.467	-.855	160	553	-.031	.124	.655	-.449	170	123	-.264	.105	.152	-.609
160	504	-.275	.176	.348	-1.062	160	554	-.265	.106	.056	-.630	170	124	-.265	.104	.139	-.575
160	505	-.145	.112	.236	-.550	160	555	-.244	.107	.113	-.629	170	125	-.271	.111	.129	-.675
160	506	-.207	.107	.126	-.582	160	556	-.262	.106	.061	-.618	170	126	-.281	.111	.130	-.684
160	507	.045	.322	.773	-1.292	160	901	-.299	.111	.094	-.661	170	127	-.296	.113	.114	-.667
160	508	.086	.241	.722	-.868	160	902	-.287	.106	.123	-.722	170	128	-.307	.111	.130	-.682
160	509	.110	.141	.562	-.546	160	903	-.277	.106	.117	-.658	170	129	-.307	.110	.024	-.656
160	510	-.174	.147	.318	-.782	160	904	-.260	.134	.293	-.852	170	130	-.307	.111	.024	-.673
160	511	-.084	.105	.401	-.457	160	905	-.249	.134	.193	-1.050	170	131	-.308	.116	.116	-.702
160	512	-.191	.102	.218	-.564	160	906	-.230	.117	.189	-.696	170	132	-.300	.120	.106	-.700
160	513	-.156	.124	.392	-.579	160	907	-.251	.117	.240	-.672	170	133	-.310	.126	.131	-.865
160	514	-.018	.122	.611	-.457	160	908	-.238	.115	.246	-.729	170	134	-.316	.130	.118	-.938

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	135	-.260	.104	.106	-.764	170	185	-.263	.118	.053	-.807	170	326	-.450	.211	.129	-.138
170	136	-.325	.141	.176	-1.165	170	186	-.273	.118	.068	-.808	170	327	-.448	.209	.146	-.180
170	137	-.248	.106	.122	-.627	170	187	-.249	.115	.056	-.654	170	328	-.480	.202	.104	-.139
170	138	-.250	.105	.102	-.623	170	188	-.254	.114	.057	-.666	170	329	-.342	.176	.263	-.142
170	139	-.255	.105	.105	-.625	170	189	-.252	.109	.197	-.760	170	330	-.465	.207	.123	-.141
170	140	-.264	.105	.078	-.642	170	190	-.267	.108	.086	-.882	170	331	-.305	.156	.162	-.102
170	141	-.287	.114	.085	-.779	170	191	-.257	.106	.182	-.678	170	332	-.302	.149	.212	-.911
170	142	-.292	.113	.084	-.772	170	192	-.241	.105	.130	-.695	170	333	-.379	.167	.234	-.153
170	143	-.284	.111	.056	-.727	170	193	-.213	.113	.150	-.634	170	334	-.460	.194	.204	-.144
170	144	-.277	.110	.074	-.760	170	194	-.230	.117	.128	-.692	170	335	-.469	.181	.111	-.128
170	145	-.295	.106	.018	-.705	170	195	-.263	.131	.128	-.731	170	336	-.465	.202	.041	-.153
170	146	-.323	.116	.005	-.790	170	196	-.256	.127	.122	-.755	170	337	-.257	.130	.169	-.322
170	147	-.323	.124	.077	-.820	170	197	-.244	.127	.142	-.722	170	338	-.589	.243	.057	-.838
170	148	-.321	.139	.129	-.967	170	198	-.252	.126	.140	-.715	170	339	-.257	.136	.177	-.740
170	149	-.323	.156	.166	-1.094	170	199	-.229	.115	.170	-.573	170	340	-.265	.130	.141	-.820
170	150	-.246	.107	.071	-.641	170	200	-.237	.113	.160	-.561	170	341	-.300	.131	.092	-.987
170	151	-.318	.156	.170	-1.218	170	201	-.265	.115	.081	-.744	170	342	-.257	.117	.099	-.712
170	152	-.238	.111	.122	-.649	170	202	-.270	.115	.077	-.826	170	343	-.289	.119	.077	-.724
170	153	-.246	.113	.142	-.652	170	203	-.260	.116	.078	-.750	170	344	-.322	.125	.044	-.842
170	154	-.252	.110	.119	-.603	170	204	-.238	.116	.123	-.590	170	345	-.222	.141	.441	-.774
170	155	-.266	.113	.095	-.609	170	205	-.213	.100	.156	-.607	170	346	-.248	.123	.183	-.827
170	156	-.283	.117	.153	-.698	170	206	-.228	.099	.154	-.627	170	347	-.221	.112	.121	-.624
170	157	-.277	.108	.101	-.694	170	207	-.243	.106	.092	-.651	170	348	-.210	.110	.107	-.597
170	158	-.261	.100	.089	-.616	170	208	-.243	.106	.140	-.644	170	401	-.152	.134	.395	-.723
170	159	-.251	.098	.119	-.552	170	209	-.262	.121	.176	-.697	170	402	-.024	.145	.578	-.542
170	160	-.255	.102	.115	-.585	170	301	-.359	.164	.174	-1.388	170	403	-.122	.151	.655	-.456
170	161	-.301	.128	.119	-.880	170	302	-.359	.171	.218	-1.373	170	404	-.142	.138	.654	-.411
170	162	-.306	.136	.134	-.781	170	303	-.458	.192	.120	-1.320	170	405	-.127	.137	.624	-.335
170	163	-.311	.151	.163	-.938	170	304	-.469	.171	.111	-1.257	170	406	-.171	.151	.738	-.308
170	164	-.316	.158	.177	-1.013	170	305	-.648	.255	.096	-1.616	170	407	-.199	.160	.821	-.289
170	165	-.230	.108	.132	-.650	170	306	-.697	.328	.088	-2.112	170	408	-.236	.164	.786	-.301
170	166	-.279	.139	.269	-.933	170	307	-.351	.149	.203	-1.093	170	409	-.184	.169	.819	-.344
170	167	-.227	.109	.121	-.659	170	308	-.314	.155	.224	-.965	170	410	-.149	.178	.800	-.447
170	168	-.226	.108	.128	-.682	170	309	-.412	.177	.308	-1.116	170	411	-.177	.190	.860	-.474
170	169	-.235	.106	.158	-.644	170	310	-.484	.224	.161	-1.432	170	412	-.388	.171	.908	-.236
170	170	-.252	.105	.161	-.663	170	311	-.579	.224	.042	-1.493	170	413	-.384	.165	.874	-.154
170	171	-.270	.109	.154	-.657	170	312	-.584	.207	.065	-1.592	170	414	-.461	.169	.992	-.139
170	172	-.261	.111	.123	-.736	170	313	-.350	.167	.172	-1.379	170	415	-.472	.172	.1010	-.042
170	173	-.223	.114	.116	-.566	170	314	-.479	.188	.005	-1.293	170	416	-.428	.181	.053	-.122
170	174	-.218	.107	.138	-.572	170	315	-.359	.180	.215	-1.363	170	417	-.125	.152	.387	-.626
170	175	-.225	.110	.147	-.599	170	316	-.342	.165	.193	-1.142	170	418	-.091	.156	.605	-.600
170	176	-.253	.122	.124	-.680	170	317	-.420	.180	.198	-1.331	170	419	-.341	.168	.845	-.186
170	177	-.264	.122	.079	-.739	170	318	-.470	.191	.068	-1.274	170	420	-.446	.168	.032	-.103
170	178	-.258	.126	.108	-.838	170	319	-.464	.186	.045	-1.190	170	421	-.463	.163	.994	-.048
170	179	-.260	.130	.120	-.951	170	320	-.471	.199	.062	-1.252	170	422	-.497	.171	.118	-.029
170	180	-.218	.110	.147	-.588	170	321	-.350	.189	.143	-1.388	170	423	-.492	.178	.018	-.041
170	181	-.256	.119	.134	-.686	170	322	-.472	.205	.119	-1.210	170	424	-.442	.179	.992	-.105
170	182	-.245	.114	.151	-.757	170	323	-.322	.189	.295	-1.465	170	425	-.279	.183	.867	-.399
170	183	-.241	.115	.174	-.765	170	324	-.337	.175	.311	-1.460	170	426	-.082	.148	.468	-.663
170	184	-.249	.114	.169	-.784	170	325	-.400	.188	.193	-1.355	170	427	-.264	.193	.887	-.347

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	428	.077	.154	.458	-.676	170	509	-.116	.217	.496	-1.071	170	903	-.285	.126	.084	-.669
170	429	.092	.151	.615	-.442	170	510	-.315	.133	.192	-.875	170	904	-.259	.143	.278	-.785
170	430	.332	.159	.819	-.208	170	511	-.150	.104	.194	-.582	170	905	-.236	.121	.195	-.631
170	431	.480	.164	1.038	-.061	170	512	-.206	.104	.138	-.655	170	906	-.221	.109	.101	-.571
170	432	.513	.165	1.154	.051	170	513	-.253	.117	.122	-.692	170	907	-.239	.103	.084	-.616
170	433	.536	.165	1.201	.112	170	514	-.106	.116	.296	-.544	170	908	-.238	.106	.088	-.621
170	434	.511	.171	1.194	.025	170	515	-.295	.250	.463	-1.603	170	909	-.239	.110	.097	-.643
170	435	.380	.173	.067	-.100	170	516	-.244	.119	.201	-.655	170	910	-.072	.120	.352	-.536
170	436	.216	.198	.940	-.383	170	517	-.329	.247	.420	-1.243	180	1	-.449	.190	.211	-1.303
170	437	.119	.149	.464	-.708	170	518	-.342	.254	.442	-1.264	180	2	-.398	.182	.177	-1.514
170	438	.163	.191	.840	-.407	170	519	-.124	.268	.432	-1.221	180	3	-.416	.187	.097	-1.425
170	439	.135	.149	.417	-.720	170	520	-.296	.136	.133	-.990	180	4	-.390	.172	.325	-1.204
170	440	.031	.141	.520	-.439	170	521	-.223	.105	.126	-.646	180	5	-.341	.159	.227	-1.006
170	441	.218	.145	.779	-.324	170	522	-.255	.104	.079	-.729	180	6	-.452	.190	.062	-1.640
170	442	.352	.154	.924	-.215	170	523	-.344	.240	.644	-1.074	180	7	-.355	.138	.029	-1.066
170	443	.405	.159	.983	-.138	170	524	-.218	.107	.148	-.677	180	8	-.469	.165	-.008	-1.146
170	444	.465	.174	1.050	-.046	170	525	-.349	.237	.617	-1.102	180	9	-.443	.149	.037	-1.174
170	445	.414	.177	.232	-.101	170	526	-.228	.271	.353	-1.235	180	10	-.428	.153	-.006	-1.269
170	446	.283	.189	1.253	-.307	170	527	-.167	.143	.431	-1.239	180	11	-.417	.142	.000	-1.132
170	447	.088	.191	.636	-.527	170	528	-.282	.143	.156	-.609	180	12	-.372	.117	-.023	-.843
170	448	.145	.140	.322	-.739	170	529	-.198	.113	.181	-.630	180	13	-.393	.126	.012	-.895
170	449	.108	.177	.984	-.373	170	530	-.230	.111	.106	-.629	180	14	-.443	.154	.013	-1.106
170	450	.171	.132	.277	-.789	170	531	-.411	.243	.413	-1.424	180	101	-.275	.117	.151	-.780
170	451	.018	.127	.436	-.441	170	532	-.215	.122	.237	-.814	180	102	-.270	.118	.143	-.747
170	452	.185	.129	.590	-.350	170	533	-.380	.219	.464	-1.363	180	103	-.268	.123	.167	-.729
170	453	.321	.131	.763	-.177	170	534	-.396	.228	.583	-1.551	180	104	-.264	.128	.102	-.884
170	454	.382	.138	.880	-.084	170	535	-.237	.239	.382	-1.082	180	105	-.310	.127	.156	-.727
170	455	.385	.144	.019	-.190	170	536	-.278	.145	.254	-.938	180	106	-.336	.127	.090	-.813
170	456	.332	.157	.899	-.197	170	537	-.197	.120	.221	-.694	180	107	-.339	.128	.114	-.781
170	457	.191	.154	.726	-.414	170	538	-.213	.116	.203	-.729	180	108	-.341	.129	.075	-.813
170	458	.054	.159	.770	-.584	170	539	-.305	.200	.385	-.923	180	109	-.333	.126	.115	-.766
170	459	.237	.146	.272	-.755	170	540	-.207	.120	.213	-.718	180	110	-.316	.124	.085	-.798
170	460	.000	.159	.605	-.492	170	541	-.315	.269	.436	-1.632	180	111	-.287	.131	.116	-1.037
170	461	-.273	.118	.113	-.736	170	542	-.297	.244	.419	-1.355	180	112	-.279	.130	.113	-.840
170	462	-.188	.113	.178	-.620	170	543	-.163	.174	.328	-.811	180	113	-.270	.113	.129	-.705
170	463	-.028	.103	.332	-.386	170	544	-.153	.130	.212	-.743	180	114	-.233	.097	.089	-.612
170	464	.110	.097	.456	-.195	170	545	-.159	.127	.216	-.709	180	115	-.261	.097	.103	-.608
170	465	.306	.117	.702	-.051	170	546	-.186	.124	.215	-.674	180	116	-.261	.097	.075	-.612
170	466	.466	.160	1.001	-.027	170	547	-.152	.124	.260	-.694	180	117	-.284	.109	.054	-.620
170	467	.347	.149	.924	-.067	170	548	-.063	.122	.360	-.561	180	118	-.299	.106	.047	-.657
170	468	.148	.145	.783	-.410	170	549	-.253	.117	.134	-.680	180	119	-.297	.107	.059	-.686
170	469	.026	.145	.572	-.528	170	550	-.254	.116	.118	-.659	180	120	-.300	.106	.039	-.707
170	501	-.357	.196	.419	-.086	170	551	-.254	.112	.107	-.660	180	121	-.288	.109	.097	-.730
170	502	-.345	.235	.417	-.231	170	552	-.103	.118	.288	-.546	180	122	-.271	.107	.099	-.843
170	503	-.175	.165	.363	-.944	170	553	-.035	.125	.407	-.453	180	123	-.262	.108	.114	-.824
170	504	-.421	.178	.111	-.127	170	554	-.249	.112	.114	-.646	180	124	-.264	.106	.083	-.831
170	505	-.216	.111	.153	-.630	170	555	-.236	.109	.144	-.587	180	125	-.273	.101	.126	-.610
170	506	-.259	.111	.163	-.622	170	556	-.229	.106	.125	-.579	180	126	-.289	.101	.079	-.621
170	507	-.461	.246	.727	-.1567	170	901	-.312	.125	.067	-.745	180	127	-.283	.102	.080	-.636
170	508	-.329	.258	.692	-1.252	170	902	-.303	.124	.093	-.746	180	128	-.301	.102	.065	-.604

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	129	-.295	.102	.054	-.730	180	179	-.252	.117	.126	-.724	180	320	-.621	.197	-.037	-1.347
180	130	-.293	.102	.031	-.703	180	180	-.267	.121	.143	-.799	180	321	-.301	.151	-.275	-1.099
180	131	-.279	.104	.043	-.674	180	181	-.219	.124	.198	-.819	180	322	-.605	.202	-.007	-1.325
180	132	-.268	.106	.073	-.639	180	182	-.231	.126	.138	-.729	180	323	-.288	.152	-.203	-1.326
180	133	-.259	.115	.243	-.653	180	183	-.230	.125	.129	-.763	180	324	-.281	.151	-.230	-1.092
180	134	-.262	.114	.223	-.652	180	184	-.232	.122	.126	-.956	180	325	-.393	.189	-.158	-1.122
180	135	-.252	.115	.110	-.885	180	185	-.259	.129	.139	-.833	180	326	-.520	.245	-.217	-1.598
180	136	-.267	.120	.257	-.698	180	186	-.255	.127	.130	-.708	180	327	-.578	.215	-.048	-1.466
180	137	-.280	.118	.100	-.801	180	187	-.245	.129	.175	-.740	180	328	-.588	.226	-.023	-1.513
180	138	-.279	.115	.090	-.755	180	188	-.245	.127	.162	-.751	180	329	-.279	.155	-.267	-1.236
180	139	-.278	.111	.102	-.741	180	189	-.250	.124	.161	-.678	180	330	-.555	.228	-.077	-1.440
180	140	-.294	.111	.056	-.756	180	190	-.254	.121	.167	-.689	180	331	-.258	.150	-.397	-.998
180	141	-.287	.118	.088	-.755	180	191	-.244	.121	.177	-.691	180	332	-.250	.140	-.173	-.957
180	142	-.284	.111	.051	-.724	180	192	-.232	.117	.217	-.604	180	333	-.333	.168	-.242	-1.144
180	143	-.274	.106	.079	-.610	180	193	-.232	.105	.151	-.568	180	334	-.419	.226	-.290	-1.358
180	144	-.275	.104	.056	-.611	180	194	-.239	.104	.103	-.611	180	335	-.499	.202	-.108	-1.357
180	145	-.280	.099	.030	-.718	180	195	-.260	.110	.080	-.781	180	336	-.479	.193	-.159	-1.498
180	146	-.289	.103	-.001	-.723	180	196	-.244	.108	.101	-.613	180	337	-.240	.123	-.157	-.706
180	147	-.274	.104	.043	-.733	180	197	-.241	.115	.141	-.730	180	338	-.551	.243	-.178	-1.423
180	148	-.269	.113	.080	-.735	180	198	-.245	.113	.131	-.693	180	339	-.253	.129	-.309	-.803
180	149	-.276	.127	.119	-.936	180	199	-.247	.121	.213	-.786	180	340	-.224	.133	-.183	-.732
180	150	-.251	.109	.128	-.660	180	200	-.247	.116	.156	-.721	180	341	-.241	.132	-.138	-.783
180	151	-.272	.133	.109	-1.009	180	201	-.258	.114	.097	-.653	180	342	-.178	.119	-.184	-.697
180	152	-.244	.111	.158	-.773	180	202	-.253	.108	.081	-.598	180	343	-.201	.123	-.195	-.741
180	153	-.244	.117	.154	-.731	180	203	-.242	.108	.138	-.598	180	344	-.251	.124	-.138	-.736
180	154	-.250	.109	.106	-.706	180	204	-.228	.108	.195	-.585	180	345	-.187	.135	-.439	-.710
180	155	-.258	.106	.071	-.586	180	205	-.211	.101	.105	-.540	180	346	-.215	.122	-.296	-.598
180	156	-.263	.106	.103	-.605	180	206	-.220	.099	.079	-.537	180	347	-.167	.114	-.174	-.568
180	157	-.262	.114	.062	-.823	180	207	-.233	.104	.091	-.561	180	348	-.189	.116	-.202	-.589
180	158	-.257	.107	.068	-.670	180	208	-.222	.104	.116	-.569	180	401	-.085	.153	-.465	-.694
180	159	-.251	.105	.065	-.630	180	209	-.257	.119	.194	-.735	180	402	-.079	.152	-.619	-.479
180	160	-.251	.105	.082	-.647	180	301	-.316	.125	.093	-.794	180	403	-.155	.156	-.719	-.485
180	161	-.263	.107	.075	-.723	180	302	-.312	.129	.119	-.849	180	404	-.199	.153	-.752	-.445
180	162	-.256	.108	.077	-.706	180	303	-.554	.214	.106	-1.434	180	405	-.164	.140	-.755	-.383
180	163	-.246	.119	.139	-.716	180	304	-.393	.164	.111	-1.113	180	406	-.205	.153	-.741	-.321
180	164	-.250	.123	.139	-.765	180	305	-.708	.248	.002	-1.560	180	407	-.195	.157	-.756	-.333
180	165	-.243	.120	.102	-.787	180	306	-.763	.282	-.098	-1.934	180	408	-.158	.153	-.692	-.456
180	166	-.243	.121	.160	-.819	180	307	-.284	.116	.136	-.720	180	409	-.041	.156	-.605	-.592
180	167	-.232	.122	.114	-.798	180	308	-.268	.116	.092	-.767	180	410	-.251	.183	1.008	-.420
180	168	-.231	.119	.174	-.759	180	309	-.419	.160	.062	-1.183	180	411	-.299	.205	1.120	-.327
180	169	-.240	.116	.119	-.692	180	310	-.504	.261	.153	-1.477	180	412	-.445	.188	-.995	-.165
180	170	-.259	.112	.131	-.639	180	311	-.660	.239	.055	-1.699	180	413	-.433	.181	-.979	-.110
180	171	-.254	.115	.126	-.806	180	312	-.717	.232	.086	-1.730	180	414	-.489	.184	1.009	-.112
180	172	-.236	.112	.152	-.671	180	313	-.302	.124	.167	-.937	180	415	-.432	.180	1.076	-.156
180	173	-.236	.111	.141	-.695	180	314	-.687	.217	.013	-1.441	180	416	-.345	.181	-.900	-.186
180	174	-.237	.108	.124	-.697	180	315	-.301	.140	.160	-1.025	180	417	-.103	.150	-.473	-.643
180	175	-.247	.112	.124	-.754	180	316	-.289	.135	.152	-.930	180	418	-.147	.153	-.808	-.424
180	176	-.263	.116	.105	-.775	180	317	-.419	.182	.249	-1.248	180	419	-.404	.167	1.111	-.171
180	177	-.261	.112	.068	-.640	180	318	-.580	.234	.246	-1.394	180	420	-.520	.177	1.149	-.170
180	178	-.247	.114	.143	-.686	180	319	-.630	.193	-.005	-1.360	180	421	-.526	.171	1.024	-.105



APPENDIX A -- PRESSURE DATA: CONFIGURATION B : PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	422	.540	.180	1.063	-.101	180	503	-.335	.186	.141	-1.045	180	553	-.150	.138	.345	-.759
180	423	.481	.183	1.126	-.152	180	504	-.455	.172	.042	-1.261	180	554	-.259	.118	.068	-.783
180	424	.282	.170	.863	-.257	180	505	-.252	.120	.153	-.717	180	555	-.247	.107	.119	-.635
180	425	.065	.171	.611	-.512	180	506	-.268	.121	.173	-.702	180	556	-.246	.103	.117	-.618
180	426	.035	.164	.604	-.579	180	507	-.600	.204	.009	-1.496	180	901	-.304	.120	.052	-.696
180	427	.042	.169	.616	-.509	180	508	-.590	.213	.113	-1.470	180	902	-.302	.117	.036	-.690
180	428	.061	.159	.514	-.646	180	509	-.443	.265	.267	-1.469	180	903	-.289	.118	.051	-.709
180	429	.131	.158	.708	-.321	180	510	-.352	.147	.110	-.985	180	904	-.225	.136	.318	-.669
180	430	.362	.170	.931	-.162	180	511	-.238	.112	.111	-.921	180	905	-.243	.118	.119	-.699
180	431	.478	.175	1.057	-.080	180	512	-.263	.112	.093	-.960	180	906	-.245	.112	.126	-.690
180	432	.352	.183	1.203	-.025	180	513	-.337	.127	.075	-.975	180	907	-.240	.111	.117	-.687
180	433	.542	.182	1.207	-.041	180	514	-.201	.126	.311	-.821	180	908	-.254	.115	.113	-.739
180	434	.448	.184	1.076	-.084	180	515	-.628	.240	.254	-1.486	180	909	-.247	.123	.127	-.742
180	435	.226	.175	.783	-.327	180	516	-.274	.115	.125	-.993	180	910	-.177	.142	.312	-.734
180	436	.026	.173	.683	-.607	180	517	-.621	.208	.217	-1.321	190	1	-.484	.203	.076	-.1792
180	437	.072	.151	.434	-.615	180	518	-.629	.211	.251	-1.340	190	2	-.377	.168	.158	-.114
180	438	.014	.167	.618	-.589	180	519	-.481	.287	.356	-1.368	190	3	-.404	.181	.139	-.1423
180	439	.094	.154	.536	-.665	180	520	-.348	.165	.187	-1.236	190	4	-.391	.172	.210	-.1135
180	440	.102	.156	.650	-.466	180	521	-.260	.118	.132	-.740	190	5	-.362	.174	.368	-.1084
180	441	.326	.162	.855	-.100	180	522	-.260	.114	.204	-.760	190	6	-.462	.179	.070	-.1159
180	442	.451	.170	1.025	-.017	180	523	-.618	.209	.090	-1.445	190	7	-.393	.143	.026	-.1076
180	443	.487	.171	1.023	-.017	180	524	-.259	.124	.184	-.804	190	8	-.440	.170	.024	-.1348
180	444	.472	.163	.961	-.012	180	525	-.601	.209	.262	-1.383	190	9	-.399	.140	.013	-.1009
180	445	.374	.160	.930	-.088	180	526	-.585	.214	.163	-1.460	190	10	-.464	.174	.004	-.1470
180	446	.152	.161	.779	-.352	180	527	-.523	.277	.330	-1.353	190	11	-.460	.171	.159	-.1390
180	447	.059	.170	.541	-.640	180	528	-.395	.183	.253	-1.285	190	12	-.396	.136	.034	-.1128
180	448	.130	.157	.462	-.687	180	529	-.279	.141	.262	-.936	190	13	-.378	.124	.078	-.867
180	449	.049	.155	.579	-.645	180	530	-.273	.135	.262	-.922	190	14	-.430	.150	.063	-.1077
180	450	.134	.149	.421	-.642	180	531	-.565	.201	.197	-1.408	190	101	-.313	.135	.095	-.996
180	451	.062	.141	.587	-.482	180	532	-.232	.135	.179	-.961	190	102	-.302	.135	.106	-.1060
180	452	.233	.130	.865	-.208	180	533	-.521	.195	.125	-1.397	190	103	-.306	.131	.161	-.1369
180	453	.356	.134	.845	-.051	180	534	-.529	.201	.205	-1.494	190	104	-.322	.127	.116	-.919
180	454	.385	.142	.860	-.011	180	535	-.470	.226	.285	-1.282	190	105	-.342	.126	.074	-.937
180	455	.358	.145	.818	-.059	180	536	-.362	.178	.331	-1.047	190	106	-.344	.124	.051	-.775
180	456	.276	.146	.870	-.206	180	537	-.261	.154	.320	-1.141	190	107	-.347	.124	.018	-.786
180	457	.090	.142	.621	-.416	180	538	-.249	.152	.376	-1.047	190	108	-.343	.125	.127	-.854
180	458	.088	.146	.379	-.666	180	539	-.465	.183	.198	-1.431	190	109	-.313	.118	.099	-.714
180	459	.182	.144	.367	-.756	180	540	-.258	.137	.132	-.928	190	110	-.275	.110	.115	-.740
180	460	.120	.134	.425	-.741	180	541	-.518	.255	.266	-2.099	190	111	-.268	.111	.126	-.681
180	461	.210	.118	.191	-.673	180	542	-.494	.219	.282	-1.779	190	112	-.264	.109	.090	-.619
180	462	.132	.114	.268	-.573	180	543	-.332	.180	.294	-.917	190	113	-.262	.109	.121	-.627
180	463	.011	.102	.382	-.343	180	544	-.269	.162	.238	-1.080	190	114	-.239	.117	.086	-.854
180	464	.121	.101	.462	-.234	180	545	-.275	.152	.220	-1.006	190	115	-.304	.113	.078	-.791
180	465	.307	.117	.728	-.100	180	546	-.236	.148	.214	-1.026	190	116	-.308	.111	.080	-.793
180	466	.422	.155	1.059	-.603	180	547	-.247	.137	.272	-.877	190	117	-.308	.117	.016	-.831
180	467	.263	.140	.832	-.155	180	548	-.168	.135	.262	-.864	190	118	-.301	.113	.007	-.679
180	468	.005	.123	.488	-.541	180	549	-.258	.121	.240	-.643	190	119	-.309	.116	.006	-.704
180	469	.127	.129	.330	-.727	180	550	-.255	.121	.244	-.642	190	120	-.270	.117	.077	-.706
180	501	-.690	.289	.013	-2.276	180	551	-.265	.117	.071	-.815	190	121	-.270	.109	.042	-.640
180	502	-.657	.259	.022	-2.111	180	552	-.206	.129	.215	-.722	190	122	-.234	.132	.101	-.909

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	123	-.286	.128	.117	-.826	190	173	-.250	.123	.228	-.611	190	314	-.460	.241	.354	-1.874
190	124	-.284	.121	.070	-.746	190	174	-.251	.118	.193	-.652	190	315	-.274	.109	.122	-.634
190	125	-.307	.112	.051	-.748	190	175	-.253	.119	.193	-.682	190	316	-.268	.110	.099	-.873
190	126	-.313	.106	.037	-.739	190	176	-.261	.120	.119	-.702	190	317	-.378	.157	.102	-1.266
190	127	-.312	.106	.046	-.805	190	177	-.261	.129	.062	-1.052	190	318	-.331	.300	.358	-1.597
190	128	-.307	.105	.011	-.877	190	178	-.243	.123	.089	-.968	190	319	-.494	.241	.377	-1.426
190	129	-.285	.101	.083	-.611	190	179	-.249	.125	.101	-.978	190	320	-.412	.231	.521	-1.252
190	130	-.273	.100	.085	-.590	190	180	-.308	.140	.152	-.951	190	321	-.212	.117	.153	-.705
190	131	-.256	.102	.111	-.598	190	181	-.212	.129	.245	-.643	190	322	-.417	.228	.571	-1.358
190	132	-.244	.102	.129	-.591	190	182	-.265	.153	.191	-1.198	190	323	-.204	.119	.285	-.600
190	133	-.259	.105	.069	-.634	190	183	-.262	.152	.223	-1.104	190	324	-.247	.120	.138	-.834
190	134	-.261	.104	.068	-.642	190	184	-.266	.148	.165	-.956	190	325	-.372	.163	.103	-1.237
190	135	-.312	.135	.062	-.852	190	185	-.311	.134	.150	-1.609	190	326	-.361	.284	.381	-1.556
190	136	-.261	.104	.081	-.633	190	186	-.287	.130	.120	-.753	190	327	-.505	.215	.318	-1.434
190	137	-.309	.149	.135	-.977	190	187	-.295	.129	.113	-.796	190	328	-.460	.215	.357	-1.196
190	138	-.301	.138	.155	-.893	190	188	-.297	.127	.093	-.772	190	329	-.439	.118	.196	-.806
190	139	-.300	.130	.130	-.790	190	189	-.293	.131	.194	-.912	190	330	-.243	.210	.190	-1.367
190	140	-.311	.126	.091	-.767	190	190	-.275	.125	.211	-.737	190	331	-.231	.123	.230	-.687
190	141	-.292	.108	.072	-.722	190	191	-.247	.124	.204	-.636	190	332	-.236	.121	.207	-.693
190	142	-.284	.099	.011	-.670	190	192	-.243	.117	.153	-.583	190	333	-.323	.148	.137	-1.030
190	143	-.276	.095	.024	-.568	190	193	-.246	.123	.163	-.797	190	334	-.280	.213	.330	-1.073
190	144	-.273	.095	.023	-.588	190	194	-.251	.123	.111	-.822	190	335	-.401	.197	.223	-1.347
190	145	-.280	.100	.043	-.632	190	195	-.259	.129	.073	-.912	190	336	-.403	.199	.268	-1.472
190	146	-.281	.099	.038	-.640	190	196	-.248	.126	.086	-.838	190	337	-.222	.113	.256	-.653
190	147	-.265	.099	.064	-.615	190	197	-.244	.122	.118	-.775	190	338	-.366	.222	.249	-1.280
190	148	-.265	.101	.081	-.593	190	198	-.252	.121	.099	-.816	190	339	-.240	.124	.210	-.737
190	149	-.252	.104	.085	-.674	190	199	-.276	.133	.111	-.932	190	340	-.251	.130	.168	-.753
190	150	-.314	.144	.111	-.972	190	200	-.281	.127	.119	-.835	190	341	-.263	.128	.142	-.800
190	151	-.249	.107	.089	-.949	190	201	-.299	.142	.166	-.906	190	342	-.151	.118	.206	-.560
190	152	-.302	.150	.127	-.963	190	202	-.279	.133	.127	-.869	190	343	-.156	.121	.193	-.592
190	153	-.285	.152	.167	-.954	190	203	-.255	.129	.173	-.762	190	344	-.175	.132	.285	-.678
190	154	-.290	.137	.077	-.827	190	204	-.250	.123	.133	-.726	190	345	-.146	.136	.354	-.600
190	155	-.295	.131	.025	-.809	190	205	-.277	.135	.113	-.803	190	346	-.180	.121	.200	-.602
190	156	-.280	.121	.037	-.889	190	206	-.285	.134	.128	-.867	190	347	-.107	.120	.287	-.620
190	157	-.260	.112	.083	-.645	190	207	-.287	.137	.151	-.941	190	348	-.102	.118	.281	-.557
190	158	-.264	.110	.106	-.761	190	208	-.276	.135	.156	-.785	190	401	-.059	.153	.603	-.407
190	159	-.266	.112	.177	-.789	190	209	-.202	.122	.176	-.788	190	402	-.202	.162	.719	-.347
190	160	-.261	.113	.159	-.922	190	301	-.245	.111	.255	-.632	190	403	-.230	.159	.767	-.268
190	161	-.253	.098	.106	-.608	190	302	-.224	.112	.276	-.573	190	404	-.186	.160	.707	-.372
190	162	-.247	.096	.088	-.592	190	303	-.458	.175	.159	-1.210	190	405	-.141	.147	.605	-.440
190	163	-.236	.100	.074	-.981	190	304	-.251	.150	.219	-.783	190	406	-.174	.159	.677	-.376
190	164	-.234	.101	.064	-.674	190	305	-.458	.250	.365	-1.211	190	407	-.139	.164	.732	-.472
190	165	-.299	.153	.229	-1.188	190	306	-.507	.211	.403	-1.467	190	408	-.070	.152	.713	-.500
190	166	-.232	.107	.079	-.647	190	307	-.273	.117	.160	-.664	190	409	-.078	.155	.554	-.685
190	167	-.296	.147	.130	-1.073	190	308	-.247	.111	.091	-.735	190	410	-.348	.184	.998	-.209
190	168	-.289	.143	.145	-.979	190	309	-.394	.142	.051	-1.021	190	411	-.374	.202	.005	-.222
190	169	-.280	.129	.108	-.799	190	310	-.208	.219	.299	-1.405	190	412	-.419	.186	.989	-.187
190	170	-.290	.123	.105	-.806	190	311	-.431	.250	.375	-1.146	190	413	-.384	.177	.971	-.237
190	171	-.272	.118	.116	-.845	190	312	-.490	.246	.414	-1.366	190	414	-.428	.177	.954	-.159
190	172	-.248	.108	.096	-.702	190	313	-.280	.110	.107	-.626	190	415	-.325	.169	.913	-.182

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	416	.265	.174	.900	-.436	190	466	.375	.133	1.132	-.070	190	547	-.277	.141	.231	-.914
190	417	.073	.200	.730	-.762	190	467	.199	.135	.847	-.166	190	548	-.232	.139	.214	-1.008
190	418	.296	.187	.899	-.384	190	468	-.061	.126	.455	-.532	190	549	-.265	.122	.159	-.686
190	419	.493	.188	1.045	-.089	190	469	-.195	.134	.261	-.814	190	550	-.266	.123	.158	-.691
190	420	.538	.181	1.022	-.025	190	501	-.851	.384	-.061	-2.266	190	551	-.263	.140	.184	-.924
190	421	.491	.174	.994	-.054	190	502	-.770	.305	-.084	-2.034	190	552	-.264	.149	.221	-1.006
190	422	.477	.180	1.016	-.116	190	503	-.467	.183	.136	-1.245	190	553	-.231	.154	.301	-.968
190	423	.380	.176	.947	-.195	190	504	-.459	.191	.116	-1.293	190	554	-.267	.139	.194	-.892
190	424	.196	.161	.759	-.664	190	505	-.319	.148	.225	-.941	190	555	-.274	.136	.166	-.856
190	425	-.043	.163	.555	-.790	190	506	-.316	.146	.193	-.952	190	556	-.277	.134	.118	-.865
190	426	.116	.188	.845	-.589	190	507	-.673	.240	-.931	-1.998	190	901	-.308	.111	.103	-.674
190	427	-.048	.164	.530	-.764	190	508	-.672	.243	.022	-1.925	190	902	-.324	.107	.047	-.741
190	428	.098	.172	.967	-.395	190	509	-.614	.246	.095	-2.028	190	903	-.323	.112	.088	-.767
190	429	.273	.166	1.036	-.210	190	510	-.428	.175	.249	-1.204	190	904	-.175	.124	.400	-.661
190	430	.477	.174	1.154	-.048	190	511	-.308	.147	.242	-.931	190	905	-.237	.113	.157	-.727
190	431	.552	.179	1.293	-.017	190	512	-.307	.147	.307	-1.084	190	906	-.249	.105	.081	-.676
190	432	.516	.171	1.068	-.016	190	513	-.381	.157	.211	-1.277	190	907	-.253	.107	.070	-.623
190	433	.468	.163	1.008	-.018	190	514	-.298	.158	.212	-1.039	190	908	-.295	.131	.036	-1.373
190	434	.353	.159	.916	-.148	190	515	-.580	.211	.007	-1.335	190	909	-.258	.122	.120	-.726
190	435	.120	.151	.669	-.348	190	516	-.308	.155	.193	-1.165	190	910	-.246	.134	.152	-.823
190	436	-.064	.153	.586	-.634	190	517	-.551	.204	-.016	-1.335	350	2	-.432	.164	.025	-1.216
190	437	.092	.176	.678	-.402	190	518	-.562	.205	.034	-1.343	350	1	-.387	.136	.005	-.961
190	438	-.098	.150	.454	-.619	190	519	-.566	.240	.145	-1.490	350	2	-.378	.129	.002	-.802
190	439	.072	.177	.751	-.486	190	520	-.463	.222	.302	-1.652	350	3	-.408	.140	.013	-1.071
190	440	.227	.167	.857	-.396	190	521	-.350	.191	.268	-1.527	350	4	-.454	.199	.127	-1.960
190	441	.392	.163	.951	-.208	190	522	-.347	.199	.268	-1.573	350	5	-.418	.164	.024	-1.212
190	442	.475	.162	1.013	-.097	190	523	-.533	.213	.028	-1.257	350	6	-.429	.139	.052	-1.117
190	443	.480	.158	.959	-.034	190	524	-.332	.186	.286	-1.460	350	7	-.387	.167	.231	-1.250
190	444	.396	.158	1.067	-.187	190	525	-.528	.224	.065	-1.367	350	8	-.413	.155	.081	-.994
190	445	.268	.154	.909	-.310	190	526	-.502	.209	.030	-1.384	350	9	-.413	.144	.027	-1.502
190	446	.053	.151	.618	-.460	190	527	-.540	.235	.176	-1.681	350	10	-.379	.172	.211	-1.055
190	447	-.157	.148	.429	-.801	190	528	-.426	.215	.213	-1.294	350	11	-.409	.170	.187	-1.267
190	448	.008	.173	.630	-.600	190	529	-.330	.186	.208	-1.211	350	12	-.395	.177	.136	-.379
190	449	-.111	.141	.537	-.565	190	530	-.324	.195	.209	-1.484	350	13	-.331	.152	.135	-1.132
190	450	-.006	.163	.712	-.489	190	531	-.519	.246	.205	-1.614	350	14	-.371	.118	.045	-.830
190	451	.140	.141	.689	-.419	190	532	-.326	.196	.313	-1.396	350	101	-.319	.113	.074	-.775
190	452	.311	.147	.965	-.125	190	533	-.492	.239	.216	-1.458	350	102	-.225	.118	.147	-.716
190	453	.391	.143	.975	-.062	190	534	-.500	.242	.212	-1.476	350	103	-.132	.127	.278	-.580
190	454	.406	.144	1.047	-.024	190	535	-.469	.207	.089	-1.498	350	104	-.016	.135	.493	-.451
190	455	.353	.141	.890	-.032	190	536	-.391	.189	.273	-1.332	350	105	.123	.140	.654	-.389
190	456	.199	.143	.733	-.210	190	537	-.319	.181	.194	-1.315	350	106	-.180	.144	.606	-.304
190	457	.004	.135	.487	-.509	190	538	-.315	.190	.213	-1.608	350	107	-.135	.140	.622	-.357
190	458	-.144	.142	.412	-.737	190	539	-.423	.199	.083	-1.325	350	108	-.184	.146	.677	-.304
190	459	.030	.151	.547	-.534	190	540	-.301	.162	.137	-1.177	350	109	-.187	.144	.643	-.367
190	460	-.150	.127	.296	-.578	190	541	-.452	.242	.053	-2.266	350	110	-.122	.142	.626	-.389
190	461	-.113	.118	.285	-.468	190	542	-.454	.215	.056	-1.504	350	111	-.068	.128	.369	-.497
190	462	-.037	.113	.357	-.372	190	543	-.390	.170	.208	-1.021	350	112	-.276	.118	.240	-.712
190	463	.070	.099	.419	-.270	190	544	-.346	.170	.190	-1.140	350	113	-.114	.119	.312	-.551
190	464	.150	.096	.499	-.175	190	545	-.315	.165	.161	-1.139	350	114	-.187	.137	.318	-.721
190	465	.308	.118	.795	-.077	190	546	-.311	.164	.175	-1.096	350	115	-.040	.147	.593	-.423

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	117	247	152	760	313	350	167	276	110	129	656	350	308	103	031	662	
350	118	417	160	932	091	350	168	278	114	125	670	350	309	111	019	989	
350	119	519	172	074	046	350	169	208	114	121	639	350	310	112	046	817	
350	120	528	172	006	037	350	170	095	124	305	476	350	311	114	074	753	
350	121	522	177	087	008	350	171	074	132	539	319	350	312	124	074	942	
350	122	299	096	033	646	350	172	225	138	755	194	350	313	106	080	658	
350	123	251	099	135	601	350	173	317	139	867	102	350	314	121	110	819	
350	124	166	116	317	565	350	174	350	135	843	071	350	315	107	096	664	
350	125	026	132	521	404	350	175	355	139	952	093	350	316	120	048	899	
350	126	223	142	744	200	350	176	274	149	833	258	350	317	124	039	926	
350	127	385	158	973	104	350	177	145	152	690	332	350	318	124	048	160	
350	128	483	169	012	067	350	178	091	136	288	432	350	319	132	063	036	
350	129	488	172	074	020	350	179	181	130	280	730	350	320	132	063	036	
350	130	493	171	033	058	350	180	303	108	058	573	350	321	132	063	036	
350	131	457	175	986	104	350	181	197	120	307	614	350	322	134	049	913	
350	132	338	165	875	162	350	182	255	108	081	323	350	323	111	121	233	
350	133	022	129	481	460	350	183	191	109	151	336	350	324	115	091	913	
350	134	139	113	246	641	350	184	071	118	340	412	350	325	119	060	026	
350	135	301	106	094	702	350	185	032	133	386	484	350	326	130	091	111	
350	136	118	112	210	606	350	186	084	138	600	339	350	327	133	127	188	
350	137	281	105	058	612	350	187	067	119	334	376	350	328	143	074	169	
350	138	300	108	061	598	350	188	052	135	324	390	350	329	122	038	771	
350	139	216	122	188	462	350	189	014	116	322	379	350	330	145	060	093	
350	140	045	135	443	339	350	190	128	119	521	244	350	331	132	050	932	
350	141	161	146	641	339	350	191	252	127	775	128	350	332	132	121	882	
350	142	346	144	881	160	350	192	344	130	926	012	350	333	138	087	958	
350	143	473	148	996	047	350	193	395	136	005	006	350	334	133	134	153	
350	144	521	153	002	109	350	194	391	133	968	017	350	335	144	088	883	
350	145	524	153	096	109	350	195	300	129	808	074	350	336	133	088	883	
350	146	438	153	030	028	350	196	162	121	621	212	350	337	129	168	823	
350	147	287	146	821	186	350	197	043	113	515	440	350	338	136	136	808	
350	148	025	127	449	403	350	198	159	109	272	535	350	339	128	106	976	
350	149	138	115	247	493	350	199	025	107	333	430	350	340	132	140	062	
350	150	294	106	000	658	350	200	137	172	732	408	350	341	141	147	740	
350	151	153	118	232	541	350	201	023	148	528	435	350	342	155	133	633	
350	152	280	110	083	689	350	202	201	134	638	209	350	343	124	146	877	
350	153	287	101	041	575	350	203	310	145	890	145	350	344	124	243	866	
350	154	229	115	131	575	350	204	387	154	113	066	350	345	121	083	850	
350	155	088	129	422	446	350	205	447	158	038	031	350	346	127	088	029	
350	156	112	132	719	273	350	206	442	158	039	032	350	347	140	093	056	
350	157	302	149	834	258	350	207	360	152	962	095	350	348	131	191	556	
350	158	403	144	910	041	350	208	175	152	718	370	350	349	117	024	957	
350	159	441	149	958	028	350	209	123	117	570	247	350	350	133	063	064	
350	160	434	154	904	049	350	301	329	110	004	715	350	403	133	093	919	
350	161	355	152	956	100	350	302	334	114	011	731	350	404	134	215	811	
350	162	204	146	736	256	350	303	339	130	025	944	350	405	134	172	820	
350	163	067	129	331	548	350	304	354	138	106	233	350	406	138	143	868	
350	164	145	124	264	600	350	305	353	136	096	332	350	407	134	153	890	
350	165	264	110	142	553	350	306	357	142	102	003	350	408	128	207	801	
350	166	138	117	238	448	350	307	442	115	023	815	350	409	130	232	831	

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3550	410	363	127	120	938	3550	452	279	122	159	771	3550	525	299	115	080	688
3550	411	366	132	147	051	3550	453	242	114	196	699	3550	526	313	114	016	690
3550	412	382	133	034	915	3550	454	240	107	172	626	3550	527	290	117	118	732
3550	413	363	132	043	923	3550	455	233	103	138	627	3550	528	271	113	149	654
3550	414	349	130	041	984	3550	456	251	110	134	635	3550	529	256	115	148	650
3550	415	315	126	094	925	3550	457	254	111	151	681	3550	530	253	115	160	655
3550	416	318	123	048	780	3550	458	281	114	113	636	3550	531	292	119	109	722
3550	417	319	121	073	768	3550	459	299	124	113	636	3550	532	292	119	121	616
3550	418	317	120	081	739	3550	460	280	114	077	630	3550	533	293	119	101	689
3550	419	293	117	098	692	3550	461	302	119	070	791	3550	534	275	120	099	688
3550	420	312	107	082	662	3550	462	290	116	051	702	3550	535	275	109	143	620
3550	421	299	106	070	657	3550	463	263	108	085	607	3550	536	260	108	103	614
3550	422	310	109	068	654	3550	464	244	109	193	665	3550	537	244	109	123	578
3550	423	296	109	113	667	3550	465	234	105	212	593	3550	538	242	109	124	572
3550	424	301	115	093	668	3550	466	226	109	211	573	3550	539	283	120	081	779
3550	425	298	113	078	660	3550	467	239	109	173	605	3550	540	262	114	075	687
3550	426	321	121	099	745	3550	468	253	107	130	615	3550	541	289	122	054	927
3550	427	294	112	085	652	3550	469	262	107	083	636	3550	542	283	121	064	835
3550	428	335	116	013	751	3550	501	303	136	166	882	3550	543	289	117	040	741
3550	429	318	111	013	715	3550	502	299	132	174	872	3550	544	288	116	043	675
3550	430	317	109	010	729	3550	503	309	118	124	162	3550	545	286	118	043	695
3550	431	304	109	062	735	3550	504	310	113	069	750	3550	546	287	118	044	682
3550	432	282	113	134	616	3550	505	338	120	146	788	3550	547	275	110	092	674
3550	433	263	114	142	634	3550	506	336	120	095	823	3550	548	282	109	085	692
3550	434	273	115	101	637	3550	507	326	120	044	812	3550	549	335	122	493	559
3550	435	274	116	126	685	3550	508	324	116	037	764	3550	550	010	119	415	402
3550	436	303	112	098	708	3550	509	325	116	025	798	3550	551	013	123	348	571
3550	437	316	123	120	934	3550	510	315	113	010	772	3550	552	275	105	053	682
3550	438	293	112	081	688	3550	511	290	111	181	672	3550	553	268	106	084	662
3550	439	318	126	154	962	3550	512	302	114	165	726	3550	554	038	136	519	543
3550	440	312	112	098	699	3550	513	296	111	174	672	3550	555	066	121	385	362
3550	441	288	106	113	651	3550	514	294	111	167	664	3550	556	023	122	371	399
3550	442	285	106	068	661	3550	515	303	106	092	643	3550	901	512	179	126	024
3550	443	263	103	127	633	3550	516	279	105	116	627	3550	902	412	165	1010	101
3550	444	261	103	128	554	3550	517	305	106	117	644	3550	903	061	143	608	394
3550	445	248	102	099	540	3550	518	304	106	116	647	3550	904	299	119	140	910
3550	446	271	104	052	589	3550	519	312	112	036	867	3550	905	103	129	596	307
3550	447	301	112	033	689	3550	520	300	110	046	773	3550	906	394	149	1110	032
3550	448	310	122	048	735	3550	521	289	110	102	706	3550	907	303	142	852	123
3550	449	257	112	108	644	3550	522	286	110	113	668	3550	908	019	126	489	412
3550	450	300	120	087	710	3550	523	301	113	053	706	3550	909	033	118	301	452
3550	451	287	115	118	734	3550	524	262	111	077	682	3550	910	293	118	088	686

APPENDIX A -- PRESSURE DATA: CONFIGURATION C ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
12	113	.469	.139	.052	-.943	250	540	-.119	.107	.250	-.781	316	405	-.296	.114	.087	-1.098
12	324	-.280	.113	.086	-.629	252	113	-.835	.390	.286	-2.462	316	540	-.227	.101	.119	-1.617
12	405	-.345	.138	.109	-.899	252	324	-.052	.137	.739	-.411	318	113	-.180	.201	.480	-1.061
12	540	-.465	.266	.010	-1.819	252	405	-.045	.159	.707	-.457	318	324	-.685	.246	.037	-1.565
14	113	-.396	.125	-.033	-.894	252	540	-.109	.106	.196	-.597	318	405	-.317	.135	.126	-1.227
14	324	-.255	.169	.078	-.630	254	113	-.841	.433	.255	-2.495	318	540	-.225	.101	.121	-1.561
14	405	-.328	.126	-.046	-.847	254	324	-.030	.136	.581	-.453	320	113	-.252	.205	.406	-1.317
14	540	-.420	.162	-.056	-1.563	254	405	-.052	.155	.854	-.411	320	324	-.710	.253	-.022	-2.022
16	113	-.389	.135	.080	-.828	254	540	-.082	.105	.273	-.454	320	405	-.337	.153	.128	-1.217
16	324	-.260	.169	.135	-.635	256	113	-.761	.408	.317	-2.373	320	540	-.247	.108	.160	-1.640
16	405	-.331	.132	.089	-.856	256	324	.040	.141	.647	-.568	322	113	-.280	.188	.426	-1.052
16	540	-.464	.201	.046	-1.671	256	405	-.065	.152	.746	-.362	322	324	-.663	.260	-.019	-1.755
18	113	-.389	.132	.055	-.891	256	540	-.057	.101	.319	-.380	322	405	-.358	.146	.151	-1.336
18	324	-.237	.166	.104	-.618	258	113	-.726	.400	.361	-2.251	322	540	-.251	.098	.114	-1.604
18	405	-.333	.133	.113	-.833	258	324	-.078	.144	.657	-.418	324	113	-.338	.188	.343	-1.102
18	540	-.499	.233	-.018	-2.053	258	405	-.054	.148	.698	-.476	324	324	-.686	.289	-.045	-1.758
20	113	-.349	.140	.056	-.893	258	540	-.048	.102	.295	-.416	324	405	-.400	.154	.066	-1.665
20	324	-.249	.113	.136	-.652	260	113	-.597	.394	.378	-2.391	324	540	-.291	.107	.084	-1.690
20	405	-.345	.136	.101	-.932	260	324	-.067	.155	.784	-.411	326	113	-.339	.176	.268	-1.995
20	540	-.561	.255	.020	-1.848	260	405	-.052	.139	.712	-.404	326	324	-.622	.264	.027	-2.125
22	113	-.373	.127	.024	-.820	260	540	-.041	.101	.295	-.466	326	405	-.410	.156	.050	-1.219
22	324	-.339	.164	.137	-.565	262	113	-.483	.370	.636	-2.297	326	540	-.294	.111	.064	-1.753
22	405	-.332	.127	.098	-.867	262	324	-.099	.164	.693	-.467	328	113	-.338	.174	.400	-1.135
22	540	-.506	.225	.006	-1.628	262	405	-.046	.133	.692	-.569	328	324	-.565	.255	.109	-2.187
24	113	-.375	.135	.090	-.816	262	540	-.021	.100	.344	-.337	328	405	-.425	.162	.128	-1.573
24	324	-.232	.106	.099	-.601	264	113	-.424	.358	.692	-1.992	328	540	-.305	.115	.122	-1.709
24	405	-.341	.133	.081	-1.344	264	324	-.119	.167	.741	-.523	330	113	-.346	.167	.464	-1.110
24	540	-.476	.222	.091	-1.466	264	405	-.033	.125	.492	-.403	330	324	-.552	.225	.060	-1.860
26	113	-.346	.125	.033	-.877	264	540	-.021	.100	.321	-.469	330	405	-.451	.145	.007	-1.241
26	324	-.212	.165	.183	-.548	266	113	-.304	.344	.674	-1.856	330	540	-.326	.111	.063	-1.750
26	405	-.308	.126	.092	-.761	266	324	-.126	.157	.896	-.305	332	113	-.330	.164	.252	-1.937
26	540	-.564	.250	.029	-1.763	266	405	-.016	.130	.557	-.536	332	324	-.493	.207	.007	-1.528
28	113	-.364	.126	.100	-.890	266	540	-.018	.097	.351	-.335	332	405	-.433	.141	.099	-1.111
28	324	-.230	.165	.137	-.640	268	113	-.247	.333	.704	-1.665	332	540	-.327	.116	.123	-1.762
28	405	-.336	.128	.054	-.880	268	324	-.193	.177	.813	-.569	334	113	-.341	.154	.425	-1.958
28	540	-.576	.252	-.050	-1.833	268	405	-.000	.136	.432	-.573	334	324	-.452	.152	-.021	-1.327
24	113	-.572	.223	-.039	-1.955	268	540	-.009	.097	.343	-.388	334	405	-.439	.133	-.002	-1.943
24	324	-.12	.143	.671	-.356	312	113	-.022	.205	.659	-.807	334	540	-.351	.115	.013	-1.850
24	405	-.020	.157	.815	-.416	312	324	-.521	.258	.208	-1.395	336	113	-.355	.159	.224	-1.984
24	540	-.168	.121	.218	-.868	312	405	-.273	.114	.131	-.687	336	324	-.456	.157	-.020	-1.495
24	113	-.667	.267	-.011	-2.333	312	540	-.211	.111	.204	-.563	336	405	-.449	.142	.037	-1.048
24	324	-.097	.136	.566	-.383	314	113	-.060	.207	.643	-.792	336	540	-.375	.120	.017	-1.870
24	405	-.018	.154	.726	-.493	314	324	-.572	.264	.483	-1.396	338	113	-.367	.148	.183	-1.946
24	540	-.114	.114	.211	-.558	314	405	-.284	.164	.661	-.938	338	324	-.421	.135	-.010	-1.310
25	113	-.749	.358	.122	-2.492	314	540	-.221	.097	.118	-.582	338	405	-.447	.135	.020	-1.950
25	324	-.649	.130	.648	-.497	316	113	-.123	.203	.502	-.746	338	540	-.375	.122	.034	-1.755
25	405	-.030	.151	.688	-.432	316	324	-.643	.259	.116	-2.070						

APPENDIX A -- PRESSURE DATA: CONFIGURATION C ; PIC LAS COLINAS OFFICE BUILDING

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
12	113	.409	.139	.052	-.943	2550	540	-.119	.107	.250	-.781	316	405	-.296	.114	.087	-1.098
12	324	.086	.113	-.086	-.629	2552	113	-.835	.390	.286	-2.462	316	540	-.227	.101	.119	-.617
12	405	.138	.109	.109	-.899	2552	324	-.052	.137	.739	-.411	318	113	-.190	.201	.480	-1.061
12	540	.465	.266	-.010	-1.819	2552	405	-.045	.159	.707	-.457	318	324	-.685	.246	.037	-1.565
14	113	.396	.125	-.033	-.894	2552	540	-.109	.106	.196	-.597	318	405	-.317	.135	.126	-1.527
14	324	.255	.109	.078	-.630	2554	113	-.841	.433	.255	-2.495	318	540	-.225	.101	.121	-.561
14	405	.328	.126	-.046	-.847	2554	324	-.030	.136	.581	-.453	320	113	-.252	.205	.406	-1.317
14	540	.420	.162	-.056	-1.563	2554	405	-.052	.155	.854	-.411	320	324	-.710	.253	-.022	-2.022
16	113	.389	.135	.080	-.828	2554	540	-.082	.105	.273	-.454	320	405	-.337	.153	.128	-1.217
16	324	.260	.109	.135	-.635	2556	113	-.761	.408	.317	-2.373	320	540	-.247	.108	.160	-.640
16	405	.331	.132	.089	-.856	2556	324	-.040	.141	.647	-.568	322	113	-.280	.188	.426	-1.052
16	540	.454	.201	.046	-1.671	2556	405	-.065	.152	.746	-.362	322	324	-.663	.260	-.019	-1.755
18	113	.389	.132	.055	-.891	2556	540	-.057	.101	.319	-.380	322	405	-.358	.146	.151	-1.336
18	324	.255	.106	.104	-.618	2558	113	-.726	.400	.361	-2.251	322	540	-.251	.098	.114	-.604
18	405	.399	.128	.113	-.833	2558	324	-.038	.144	.657	-.418	324	113	-.338	.188	.343	-1.102
18	540	.499	.235	-.018	-2.055	2558	405	-.054	.148	.698	-.476	324	324	-.686	.289	-.045	-1.758
20	113	.389	.140	-.056	-.893	2558	540	-.048	.102	.295	-.416	324	405	-.400	.154	.066	-1.665
20	324	.244	.115	.101	-.653	2560	113	-.597	.394	.378	-2.391	324	540	-.291	.107	.084	-.690
20	405	.345	.136	.101	-.932	2560	324	-.067	.155	.784	-.411	326	113	-.339	.176	.268	-.995
20	540	.501	.255	.020	-1.848	2600	405	-.052	.139	.712	-.404	326	324	-.622	.264	-.027	-2.125
22	113	.373	.127	.024	-.820	2600	540	-.041	.101	.295	-.466	326	405	-.410	.156	.050	-1.219
22	324	.239	.104	.137	-.565	2620	113	-.483	.370	.636	-2.297	326	540	-.294	.111	.064	-.753
22	405	.332	.127	.098	-.867	2620	324	-.099	.164	.762	-.467	328	113	-.338	.174	.400	-1.135
22	540	.506	.225	.006	-1.628	2620	405	-.046	.133	.693	-.569	328	324	-.565	.255	.109	-2.187
24	113	.375	.135	.090	-.816	2620	540	-.021	.100	.344	-.337	328	405	-.425	.162	.128	-1.573
24	324	.232	.106	.099	-.601	2640	113	-.424	.358	.692	-1.992	328	540	-.305	.115	.122	-.709
24	405	.344	.133	.081	-1.344	2640	324	-.119	.167	.741	-.523	330	113	-.346	.167	.464	-1.110
24	540	.534	.222	.001	-1.460	2640	405	-.033	.125	.492	-.403	330	324	-.552	.225	-.060	-1.860
26	113	.212	.125	.053	-.877	2640	540	-.021	.100	.321	-.469	330	405	-.451	.145	-.007	-1.241
26	324	.308	.105	.183	-.548	2660	113	-.304	.344	.674	-1.856	330	540	-.326	.111	.063	-.750
26	405	.364	.126	.092	-.761	2660	324	-.126	.157	.896	-.305	332	113	-.330	.164	.252	-.937
26	540	.504	.250	.029	-1.763	2660	405	-.016	.130	.557	-.536	332	324	-.493	.207	.007	-1.528
28	113	.364	.126	.100	-.890	2660	540	-.018	.097	.351	-.335	332	405	-.433	.141	.099	-1.111
28	324	.230	.105	.137	-.640	2680	113	-.247	.333	.704	-1.665	332	540	-.327	.116	.123	-.762
28	405	.336	.128	-.054	-.880	2680	324	-.193	.177	.813	-.569	334	113	-.341	.154	.425	-.958
28	540	.576	.252	-.050	-1.833	2680	405	-.000	.136	.432	-.573	334	324	-.452	.152	-.021	-1.327
44	113	.572	.223	-.039	-1.955	2680	540	-.009	.097	.343	-.388	334	405	-.439	.133	-.002	-.943
44	324	.122	.143	.671	-.356	3120	113	-.022	.205	.659	-.807	334	540	-.351	.115	.013	-.850
44	405	.157	.157	.815	-.416	3120	324	-.521	.258	.208	-1.395	336	113	-.355	.159	.224	-.984
44	540	.121	.121	.218	-.868	3120	405	-.273	.114	.131	-.687	336	324	-.456	.157	.020	-1.495
48	113	.267	.157	.016	-2.332	3120	540	-.211	.111	.204	-.563	336	405	-.449	.142	.037	-1.048
48	324	.091	.136	.556	-.378	3140	113	-.060	.207	.643	-.792	336	540	-.375	.120	.017	-.870
48	405	.154	.154	.726	-.493	3140	324	-.572	.264	.483	-1.396	338	113	-.367	.148	.183	-.946
48	540	.151	.114	.211	-.555	3140	405	-.284	.104	.061	-.938	338	324	-.421	.135	.010	-1.310
50	113	.769	.358	.122	-2.492	3310	540	-.221	.097	.118	-.582	338	405	-.447	.135	.020	-.950
50	324	.069	.130	.648	-.497	3316	113	-.123	.203	.502	-.746	338	540	-.375	.122	.034	-.755
50	405	.030	.151	.688	-.432	316	324	-.643	.259	.116	-2.070						