WIND-TUNNEL STUDY OF 1415 LOUISIANA TOWER, HOUSTON

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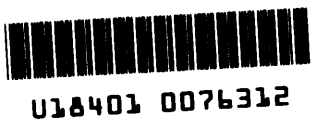


TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF SYMBOLS

Symbol	Definition
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν, ρ	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_∞	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
δ	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, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{max}}$	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

Symbol	Definition
p	Fluctuating pressure at a pressure tap on the structure
p_∞	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, $\dfrac{F_x}{A_R \; 0.5\rho \; U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\dfrac{F_y}{A_R \; 0.5\rho \; U_\infty^2}$

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/ν be similar for model and prototype. Since ν, 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 ($>2\times10^4$) 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_∞. 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, δ, is shown in Figure 7. The corresponding prototype value of δ 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_∞, turbulence intensity U_{rms}/U_∞, 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

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

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

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

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.

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

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 indicated that the highest pressures on the building would be near corners of the building, particularly near the setbacks where evidence of organized vortices could be observed. The presence of the large proposed structure to the east caused accelerated flows deflected from the adjacent structure to impinge on the 1415 Louisiana Tower building. This deflected wind may result in higher pressures than would otherwise occur. Winds in pedestrian areas at the base of the structure did not appear to be excessive for a city environment.

5.2 Pedestrian Winds

Figure 4 shows the 21 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 1415 Louisiana Tower building. Table 2 and Figure 8 show that the largest value of mean velocity was measured at location 16 with a value of 70 percent of the mean velocity, U_∞, at the boundary-layer height. No other values exceeded 58 percent of U_∞. The largest value at reference location 1 was 36 percent of U_∞ while an open-country environment might expect about 45 percent.

The largest values of fluctuating velocity, U_{rms}, were measured at locations 15, 16 and 20 with values ranging from 20 to 25 percent of U_∞. For comparison, reference location 1 had a largest value of 14 percent while 10 to 12 percent might be expected in an open-country environment. The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 2,

15 and 16 with values ranging from 109 to 115 percent of U_∞. Reference location 1 had peak gust values up to 72 percent while an open-country environment might expect values of 80 to 85 percent of U_∞.

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 are 3 and 20 which are predicted to be acceptable but uncomfortable for walking 10 to 20 percent of the time. Locations 16 and 17 are predicted to be uncomfortable for walking 5 to 10 percent of the time. The regions surrounding locations 17 and 20 which will experience these winds will be fairly small. Other areas about the building should have reasonably low winds. Wind gusts should be of less concern than mean wind speeds.

The results of the pedestrian wind analysis showed that a few locations will have winds considered uncomfortable for walking on higher wind days, but in general, the wind environment about the base of the building will be no more windy than is typical in a downtown 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 36 wind directions. Configuration B 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 -3.23 at tap 528 adjacent to a setback for a wind direction of 170 degrees. This is a wind direction for which the large proposed structure to the east is deflecting

accelerated winds onto the 1415 Louisiana Tower building. Three other pressure taps, roof taps 706, 726 and 705, experienced pressure coefficients between -3.0 and -3.2. The largest peak coefficient represents, using the 100-year recurrence wind reference pressure of Table 5, peak cladding pressures of 136 psf. Figure 10 shows that several corners on the building experienced peak cladding pressures in excess of 100 psf. Most areas of the building had peak cladding pressures in the 40 to 60 psf range.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for the wind directions yielding largest base moments about the X and Y axes. At the wind direction for which the X moment is maximum, the Y moment is nearly at its maximum also.

REFERENCES

1. Cermak, J. E., "Laboratory Simulation of the Atmospheric Boundary Layer," AIAA J1., Vol. 9, September 1971.

2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME J1. of Fluids Engineering, Vol. 97, No. 1, March 1975.

3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.

4. Penwarden, A. D., and Wise, A. F. E., "Wind Environment Around Buildings," Building Research Establishment Report, HMSO, 1975.

5. Melbourne, W. H., "Criteria for Environmental Wind Conditions," J1. Industrial Aerodynamics, vol. 3, pp. 241-247, 1978.

6. American National Standards Institute, "American National Standard Building Code Requirements for Minimum Design Loads in Buildings and Other Structures," ANSI Standard A58.1, 1972.

7. Hollister, S. C., "The Engineering Interpretation of Weather Bureau Records for Wind Loading on Structures," Building Science Series 30--Wind Loads on Buildings and Structures, National Bureau of Standards, pp. 151-164, 1970.

8. Peterka, J. A., and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colroado State University, September 1974.

9. PPG Glass Thickness Recommendations to Meet Architects' Specified 1-Minute Wind Load, Pittsburgh Plate Glass Industries, April 1979.

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

FIGURES

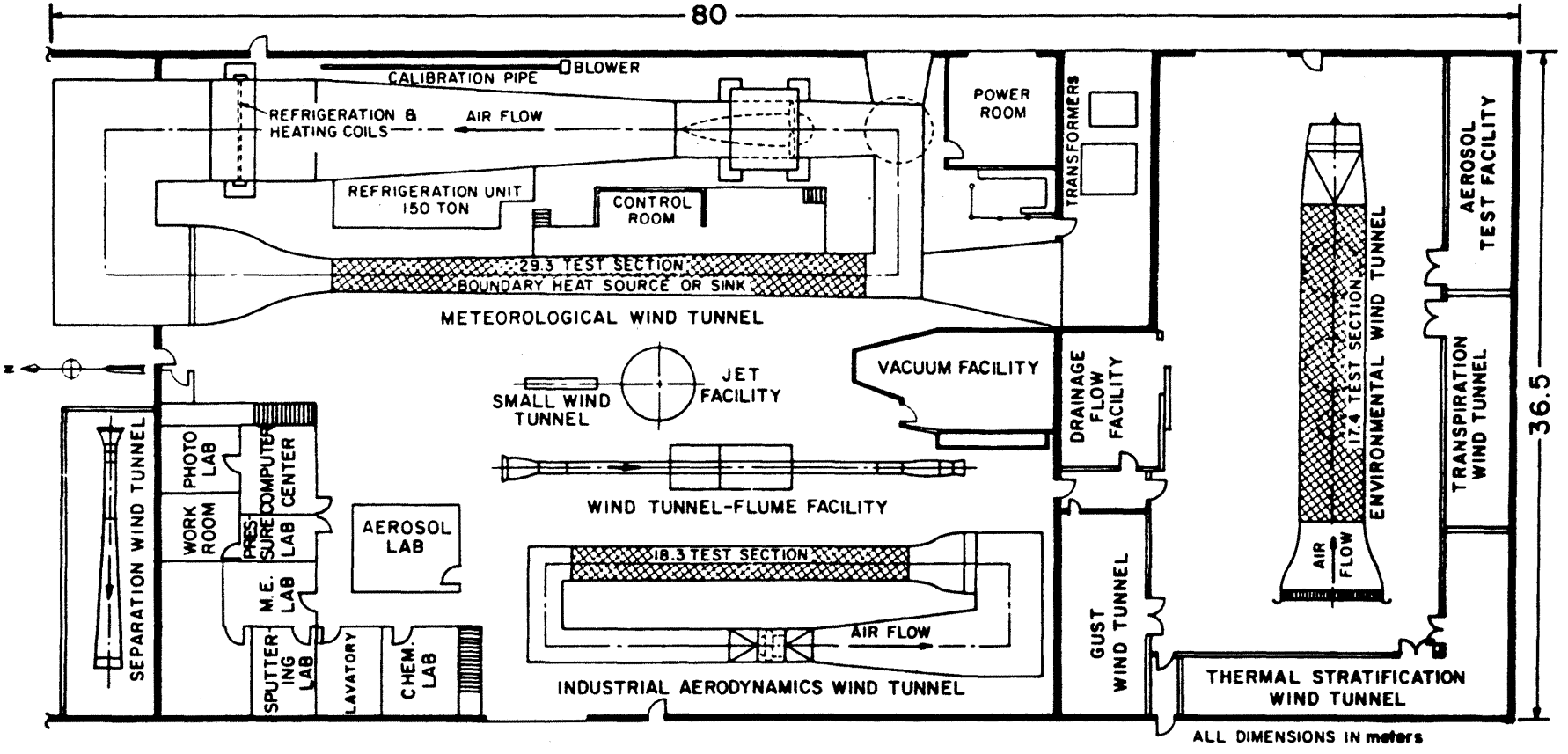
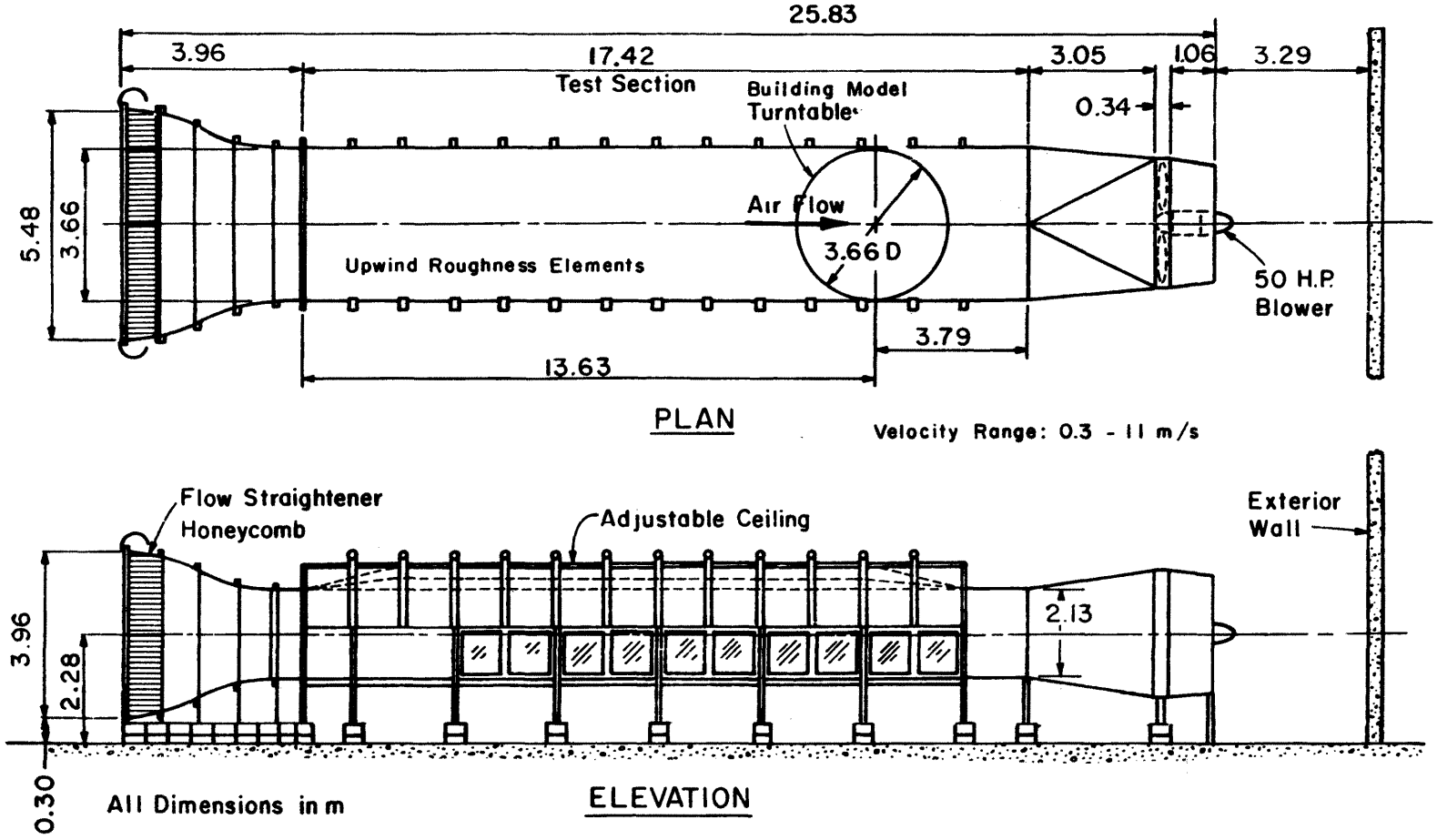
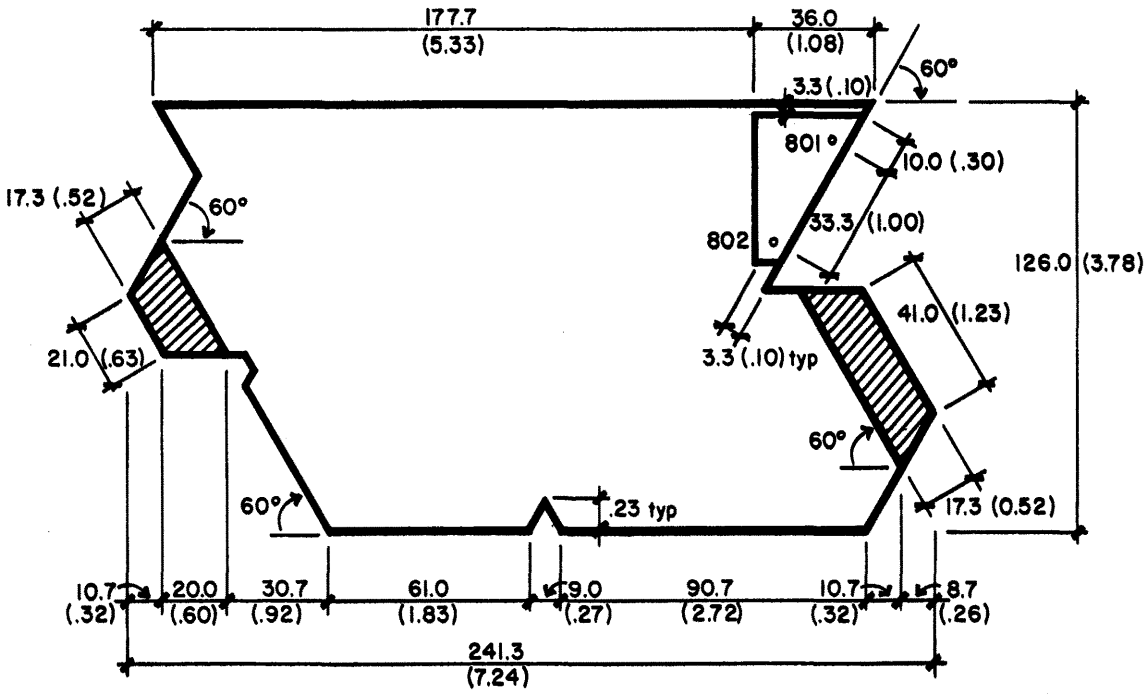


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**

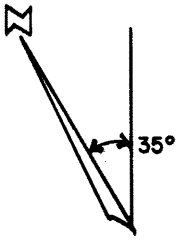


ENVIRONMENTAL WIND TUNNEL

Figure 2 - Wind-Tunnel Configuration



GROUND LEVEL
SOFFIT TAPS



MODEL SCALE = 1/400
TOTAL TAPS = 393

dimensions in model inches
& full scale feet ( )

represents areas cut into the baseplate - el. -0.48

Figure 3a. Pressure Tap Locations

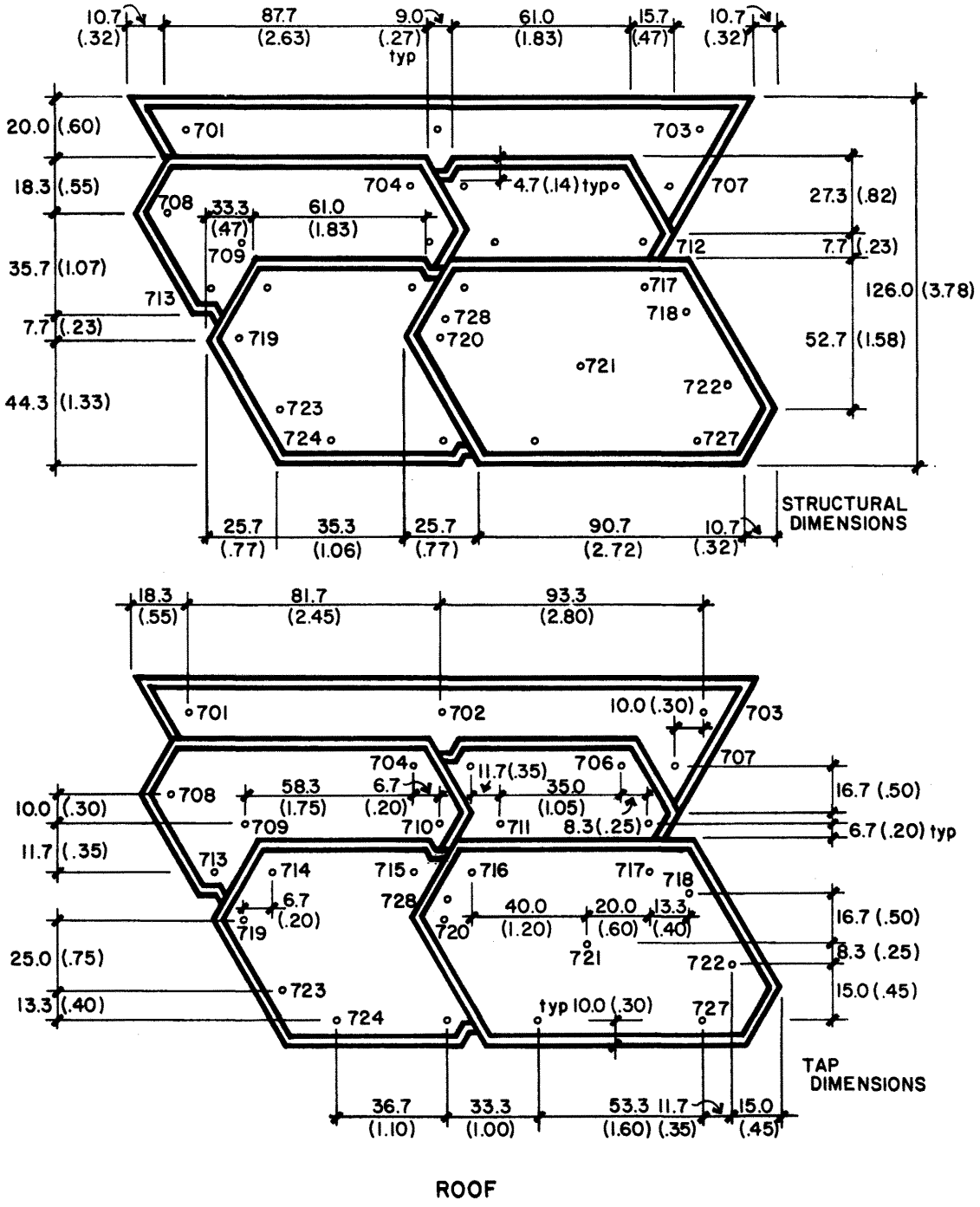


Figure 3b. Pressure Tap Locations

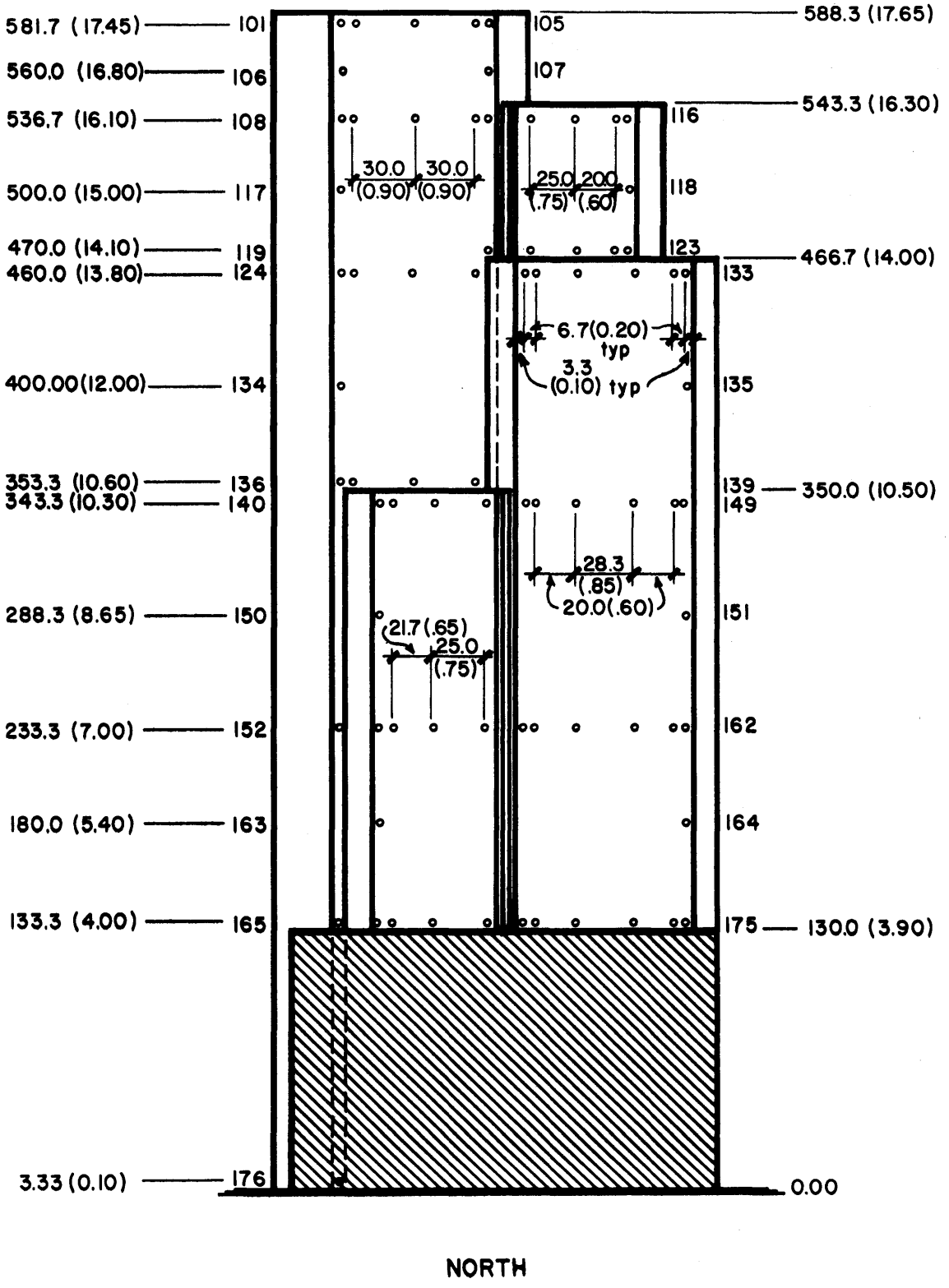


Figure 3c. Pressure Tap Locations

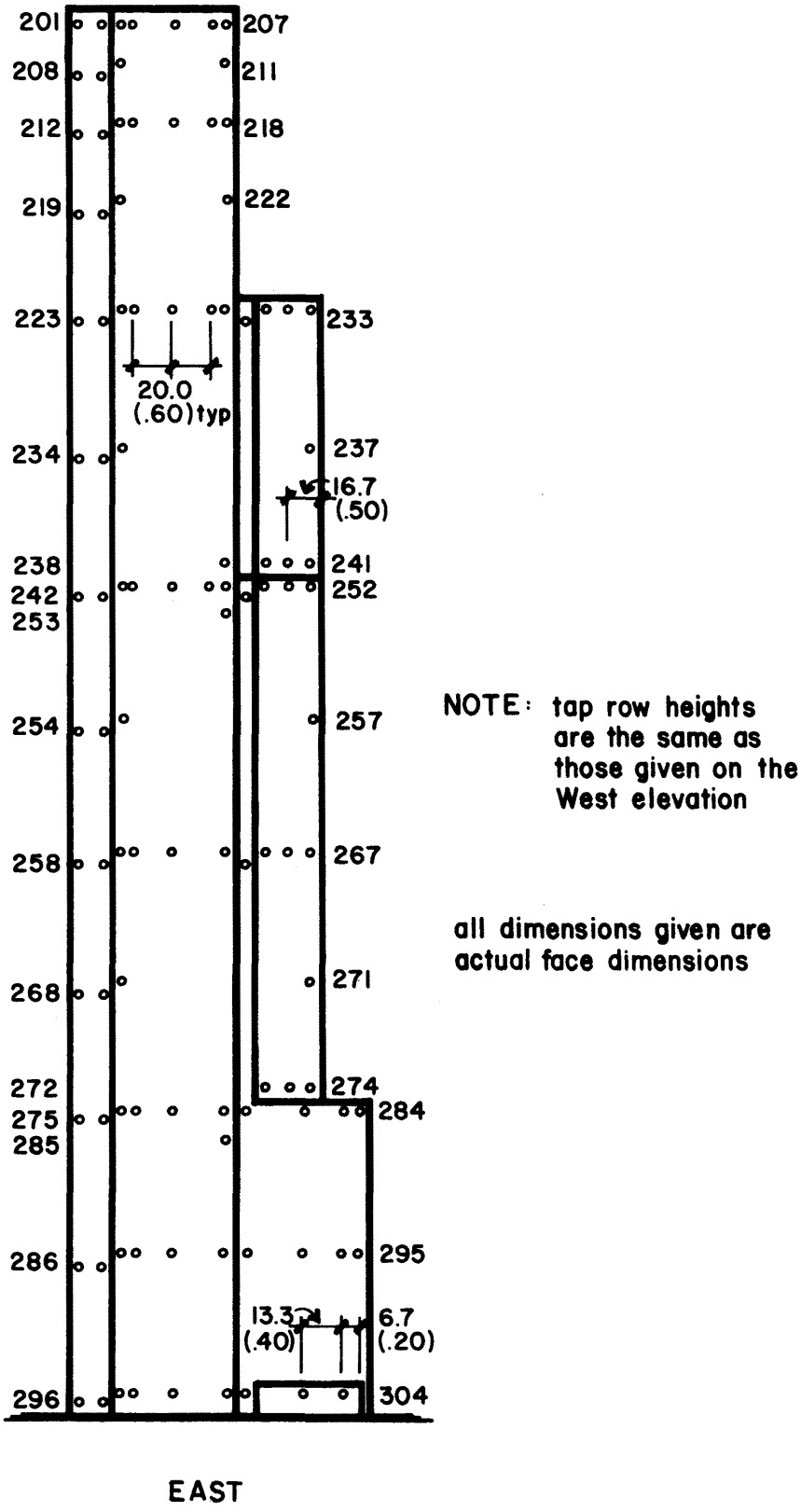


Figure 3d. Pressure Tap Locations

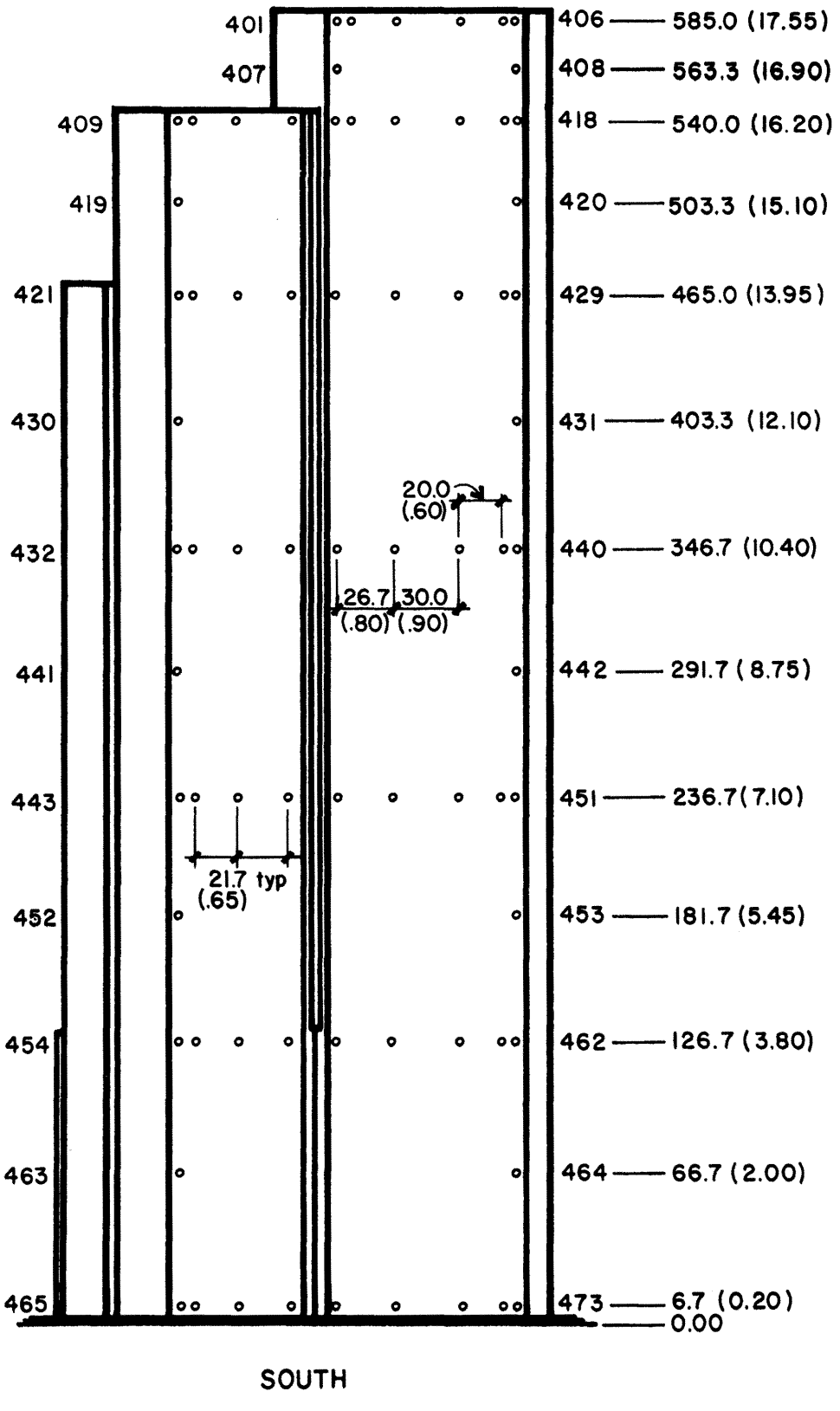


Figure 3e. Pressure Tap Locations

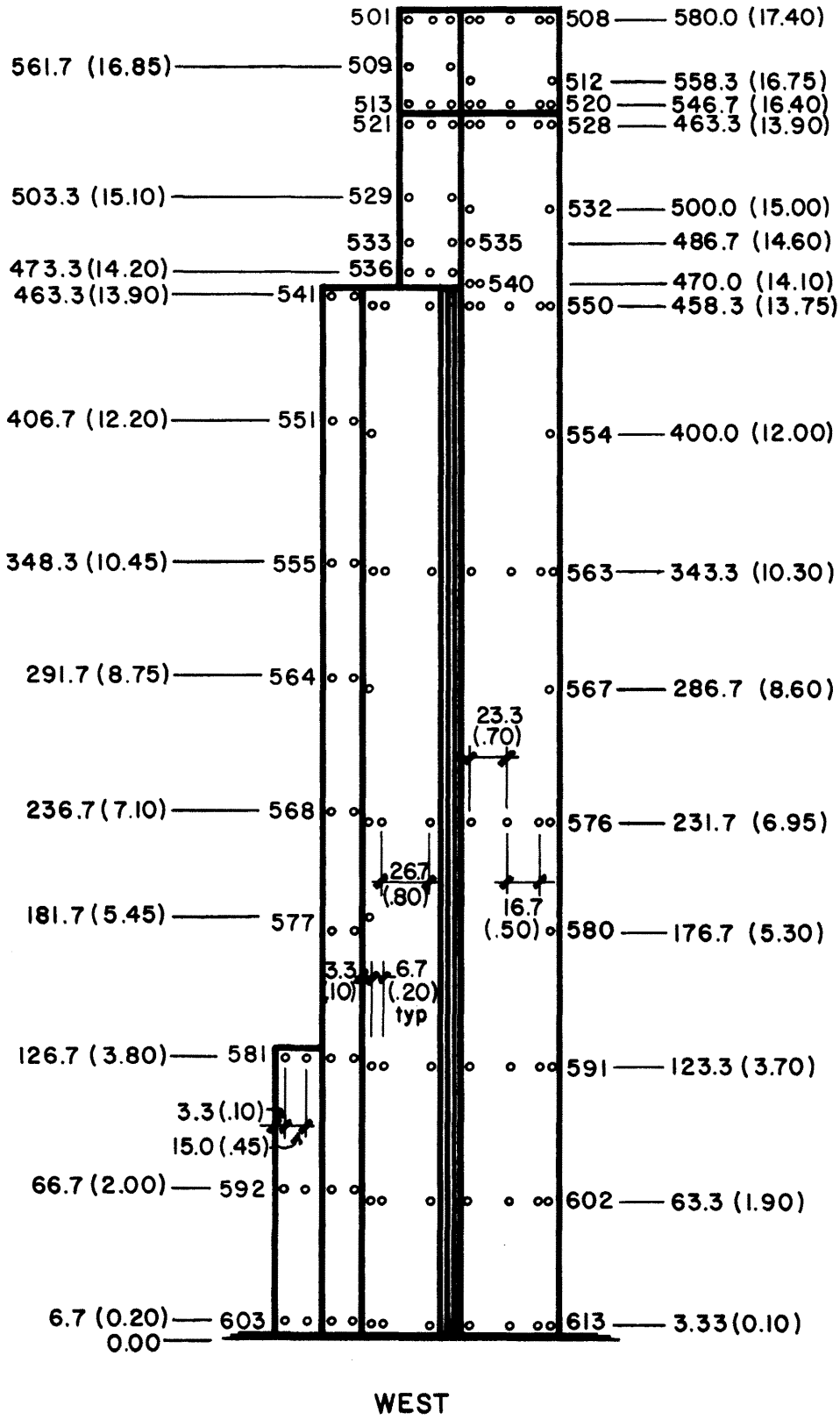


Figure 3f. Pressure Tap Locations

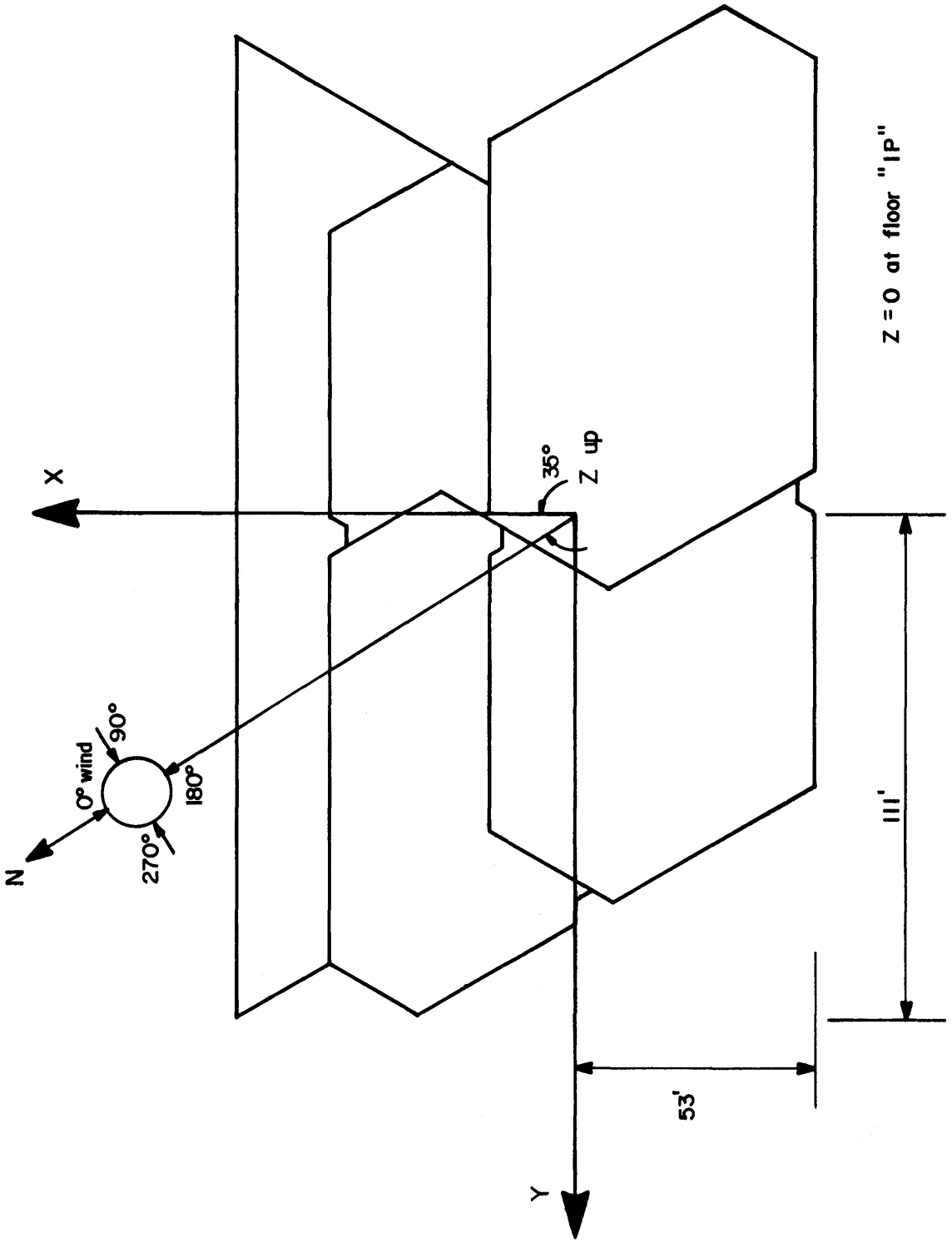


Figure 3g. Pressure Tap Locations

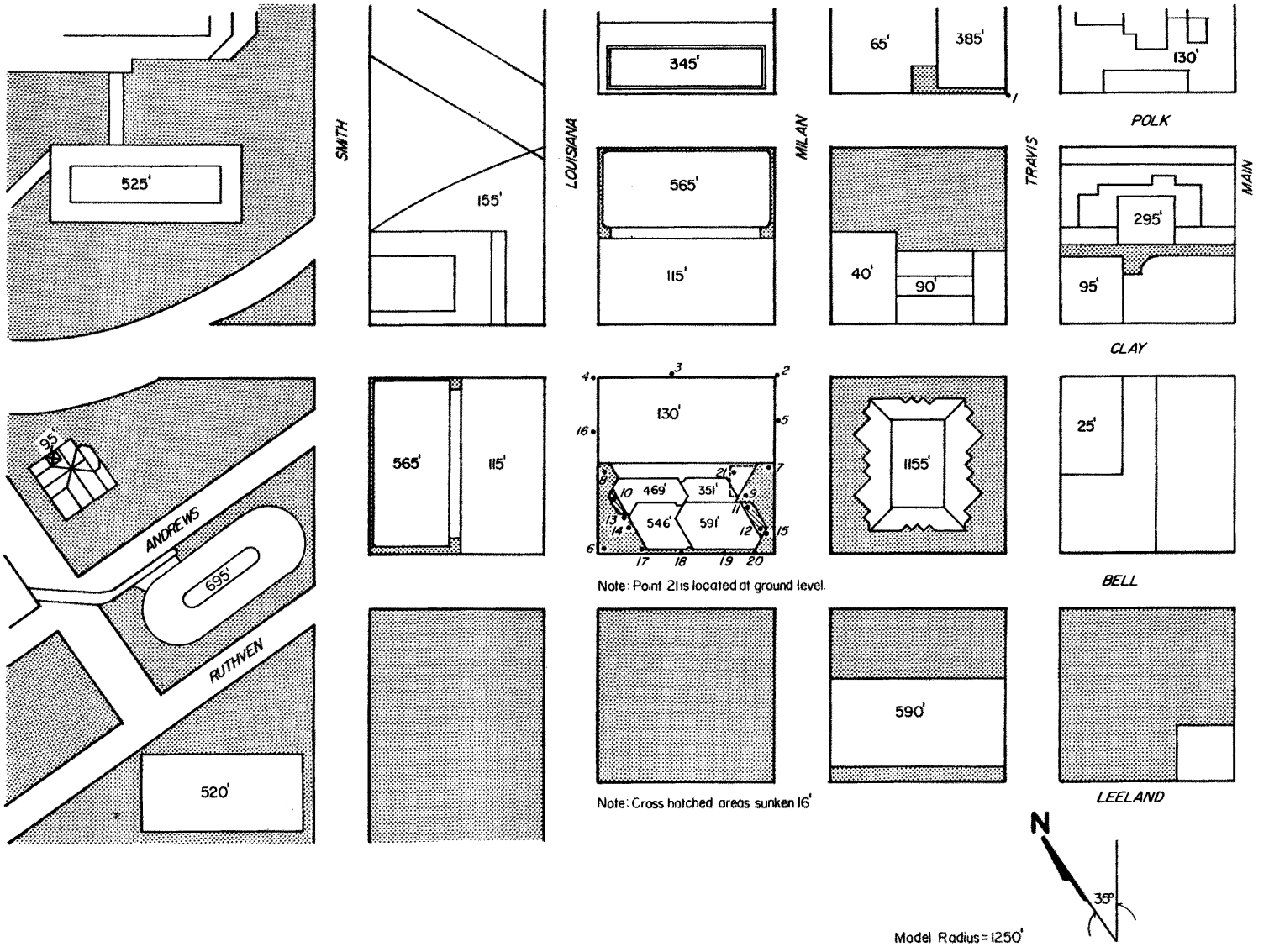
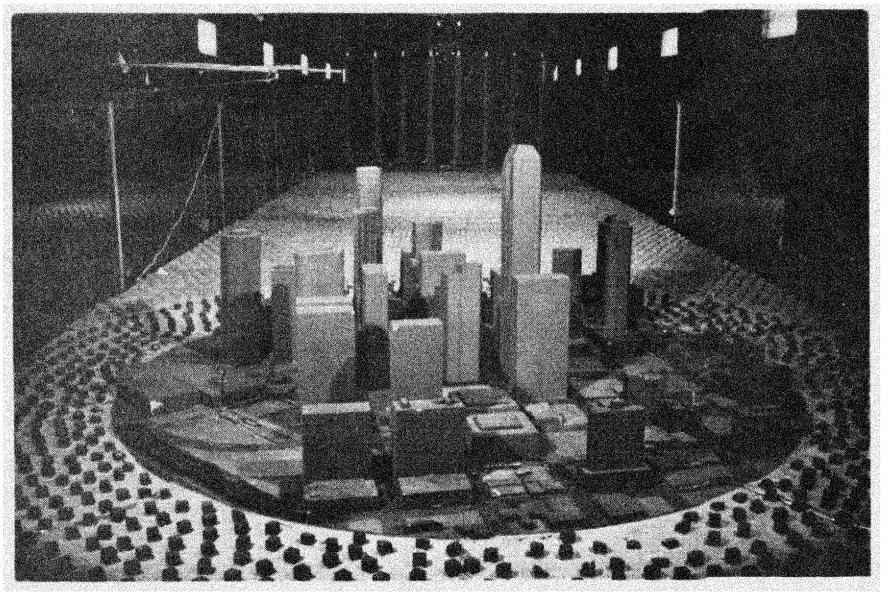


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions



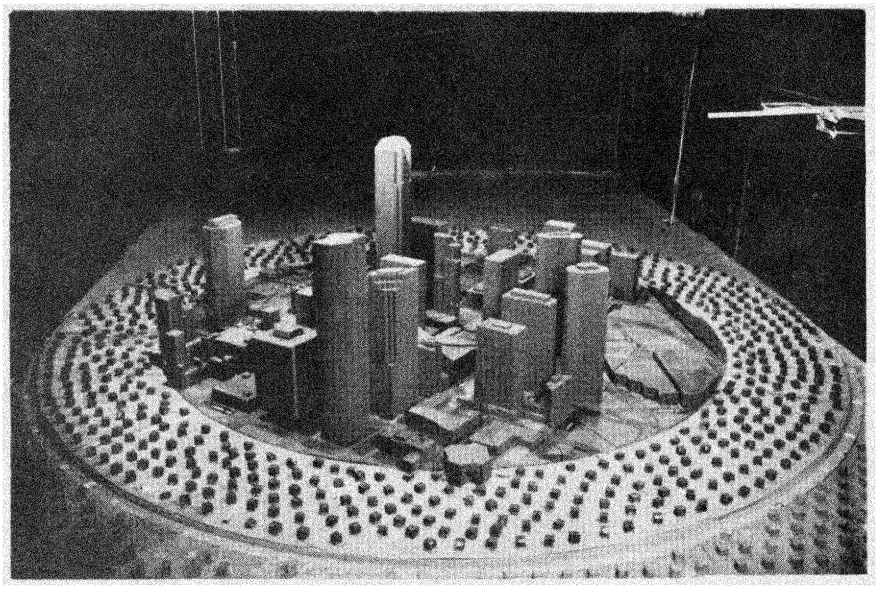
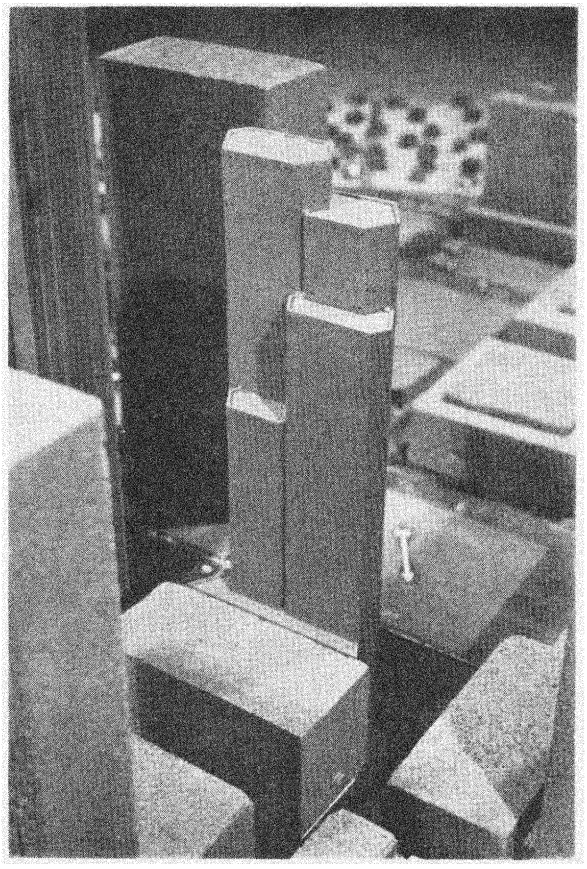


Figure 5. Completed Model in Wind Tunnel



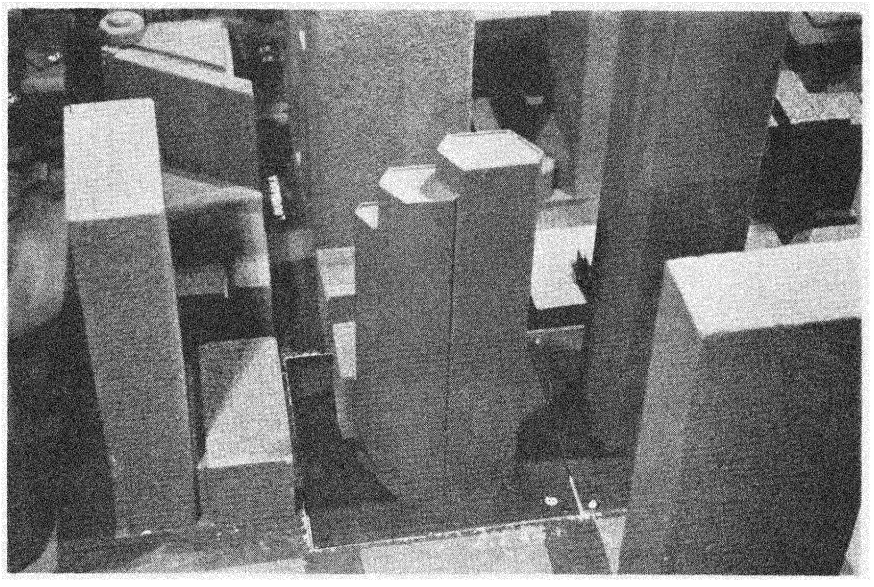


Figure 5. Completed Model in Wind Tunnel

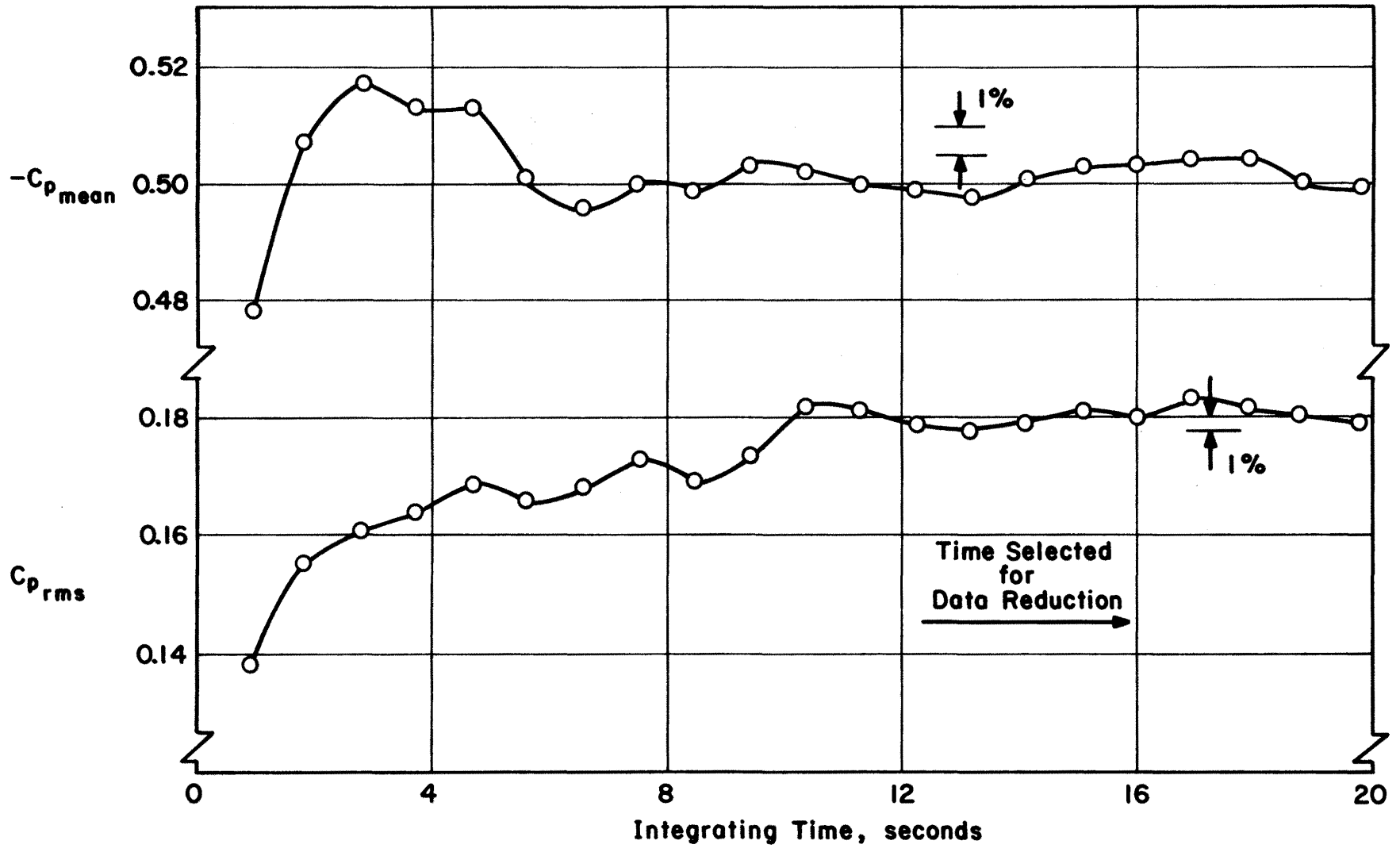


Figure 6 - Data Sampling Time Verification

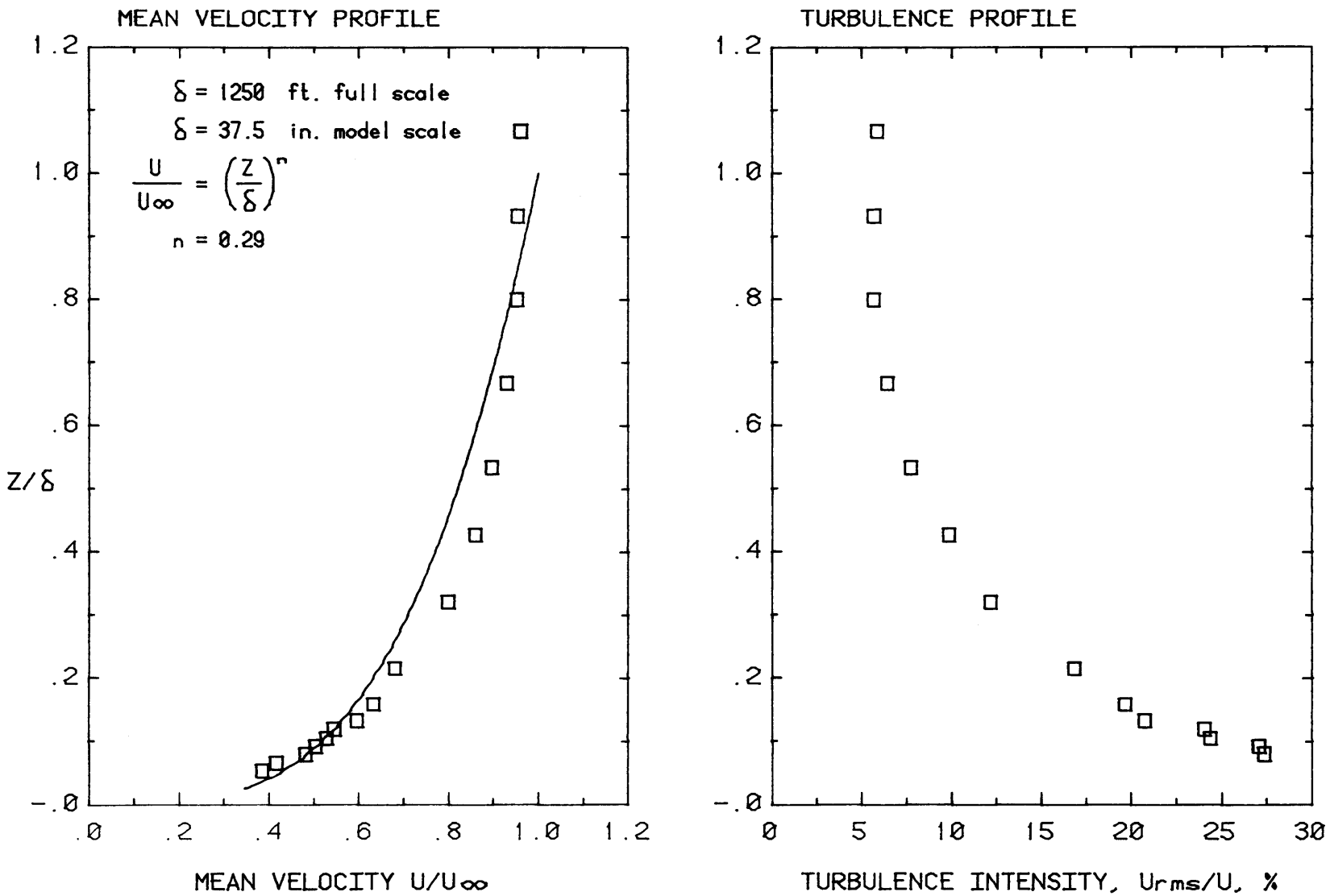


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

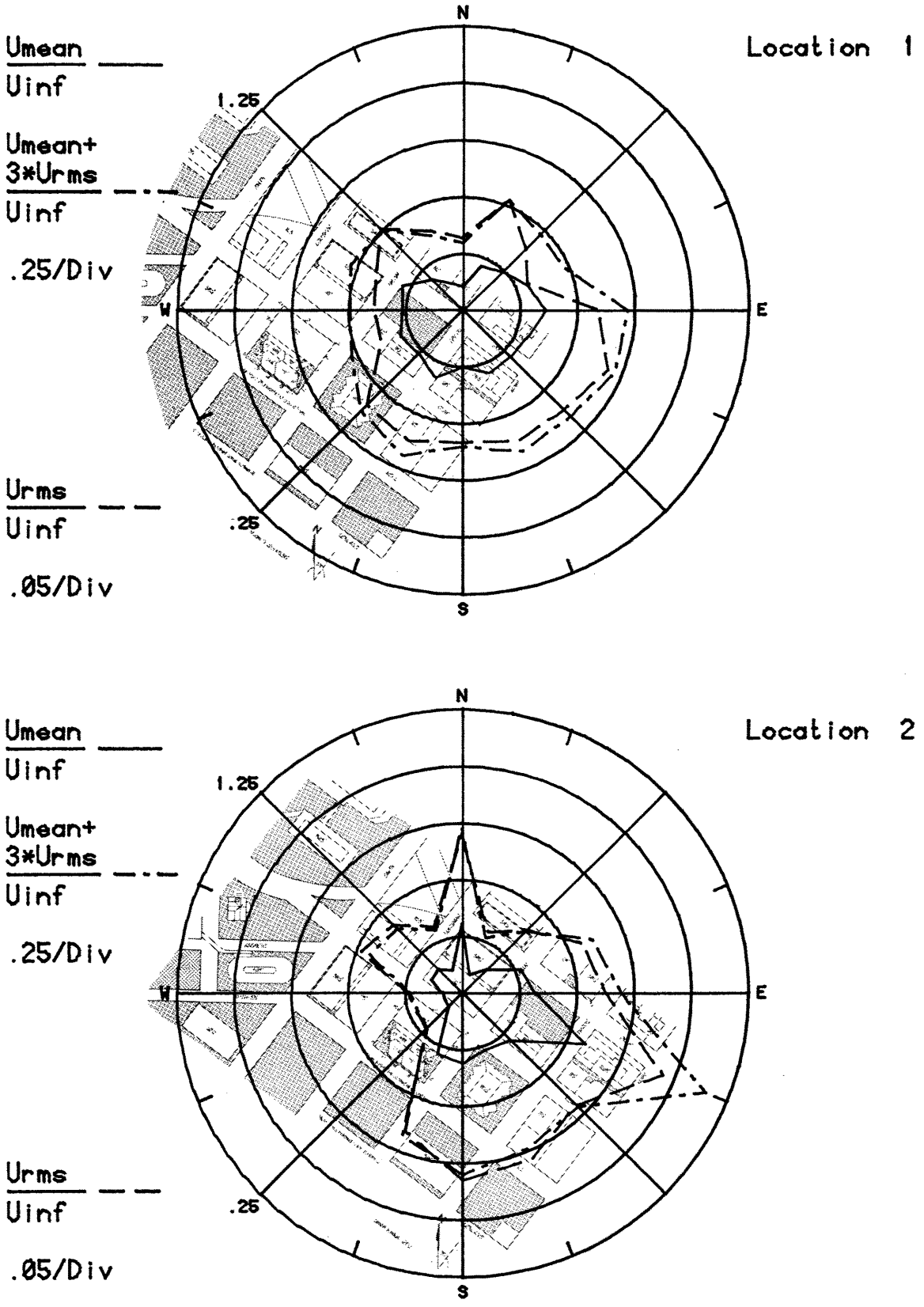


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

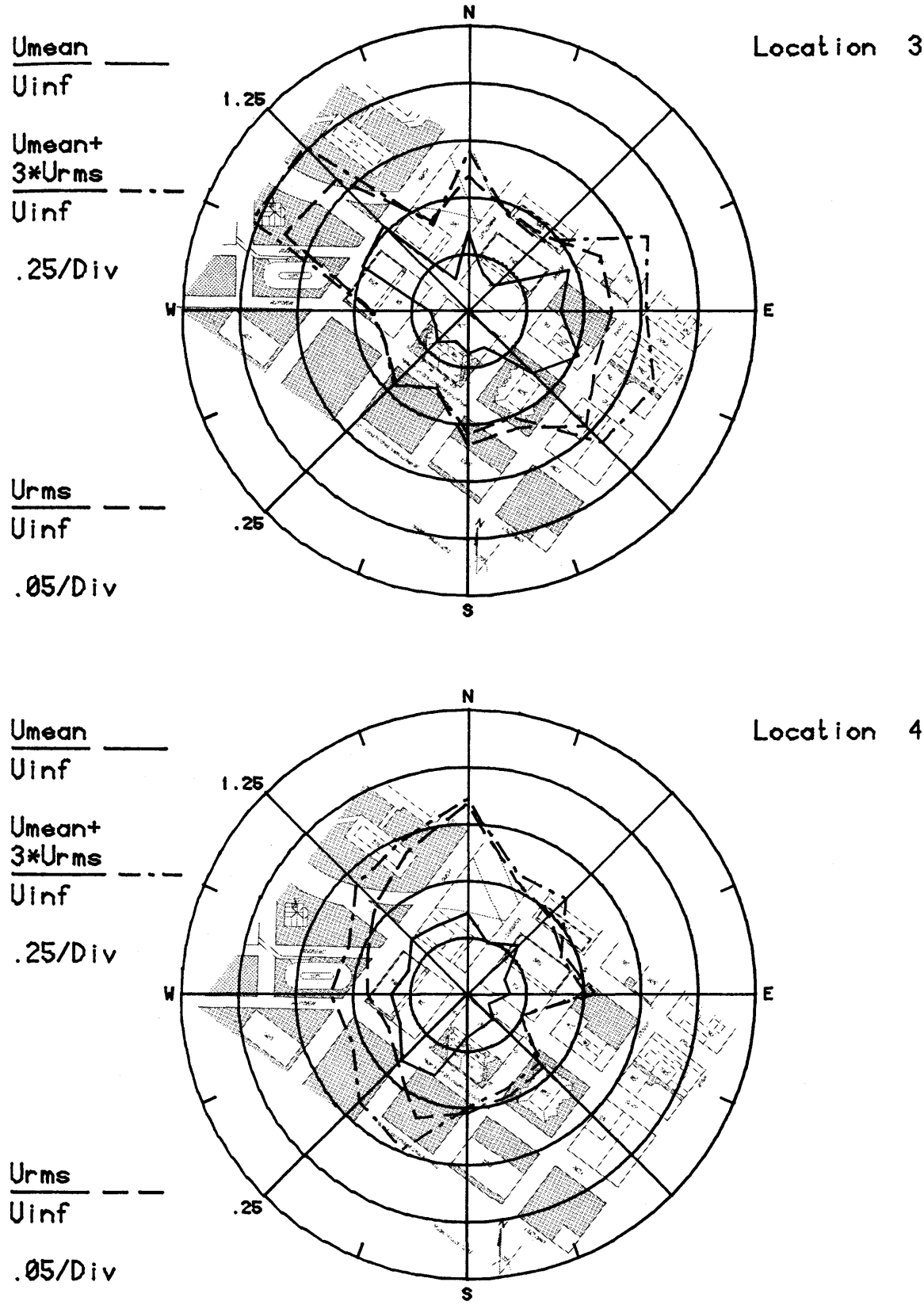


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

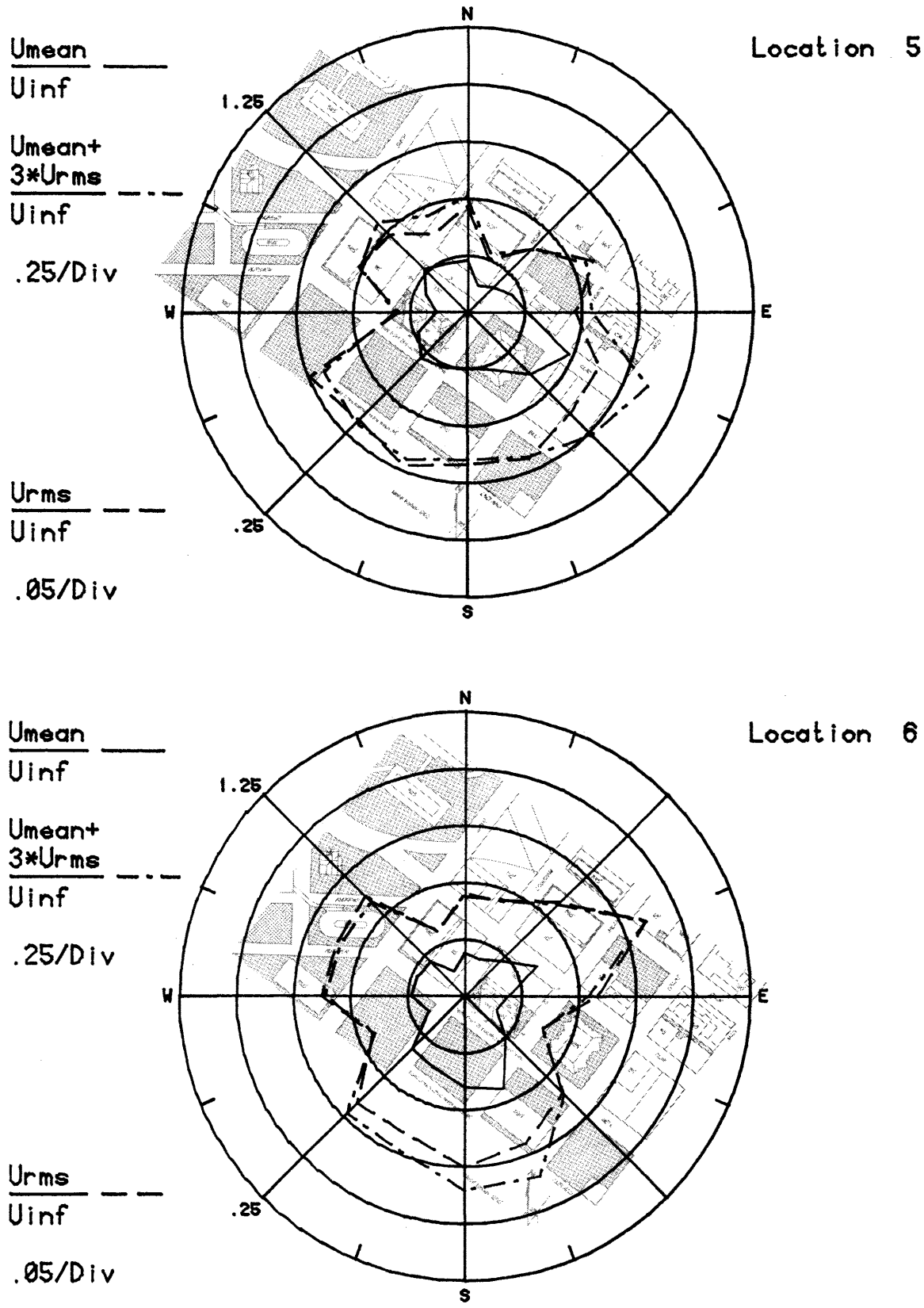


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

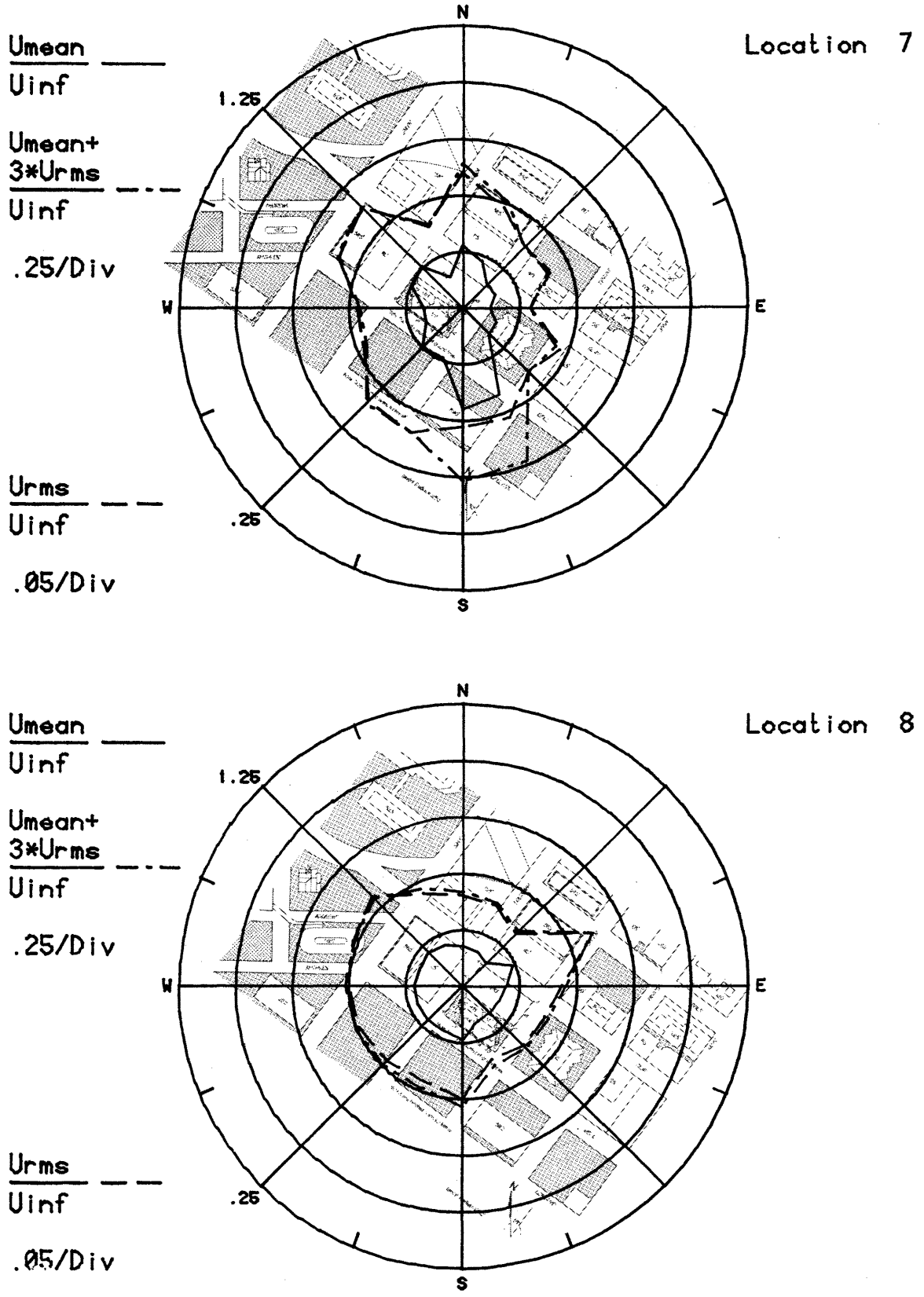


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

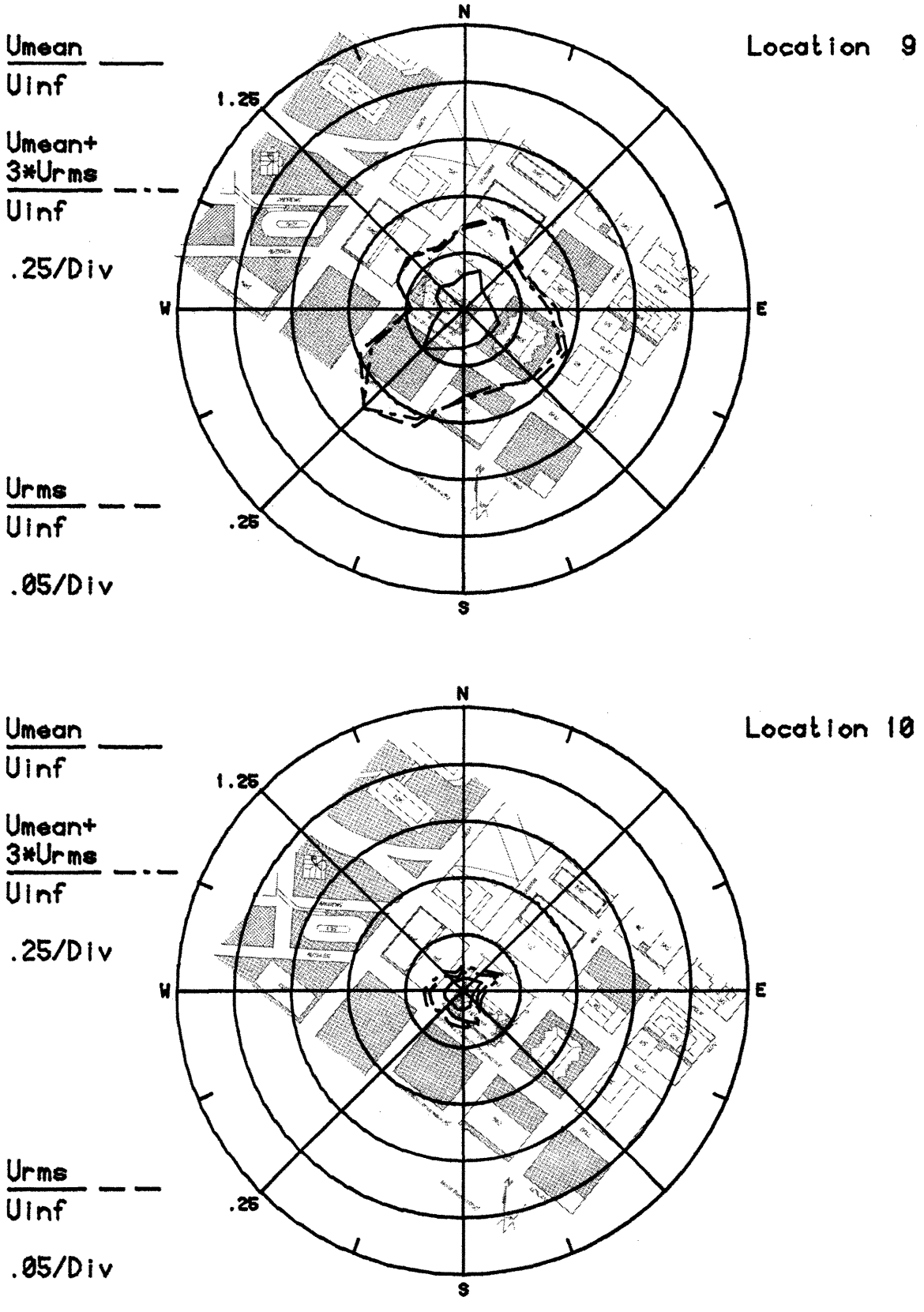


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

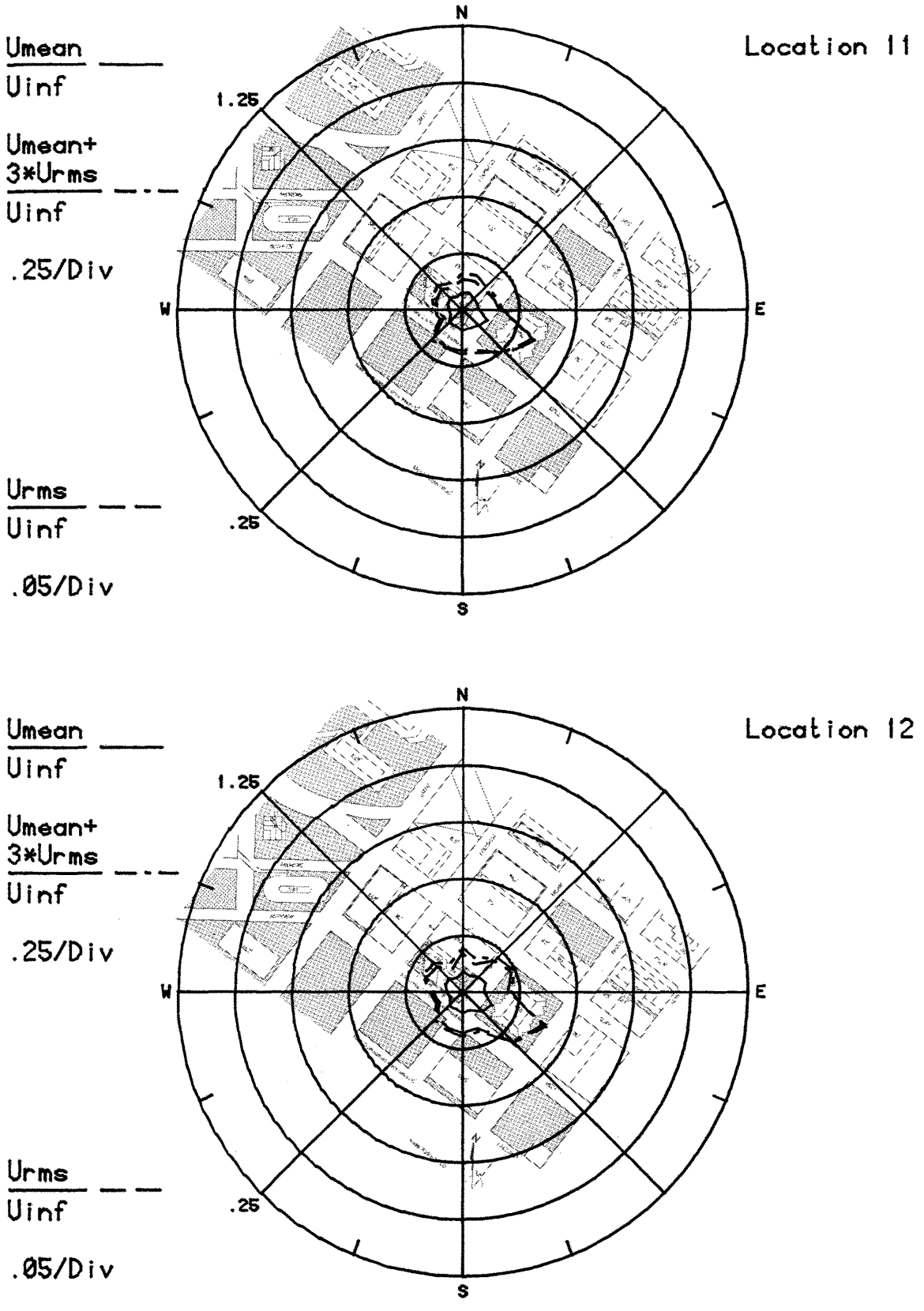


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

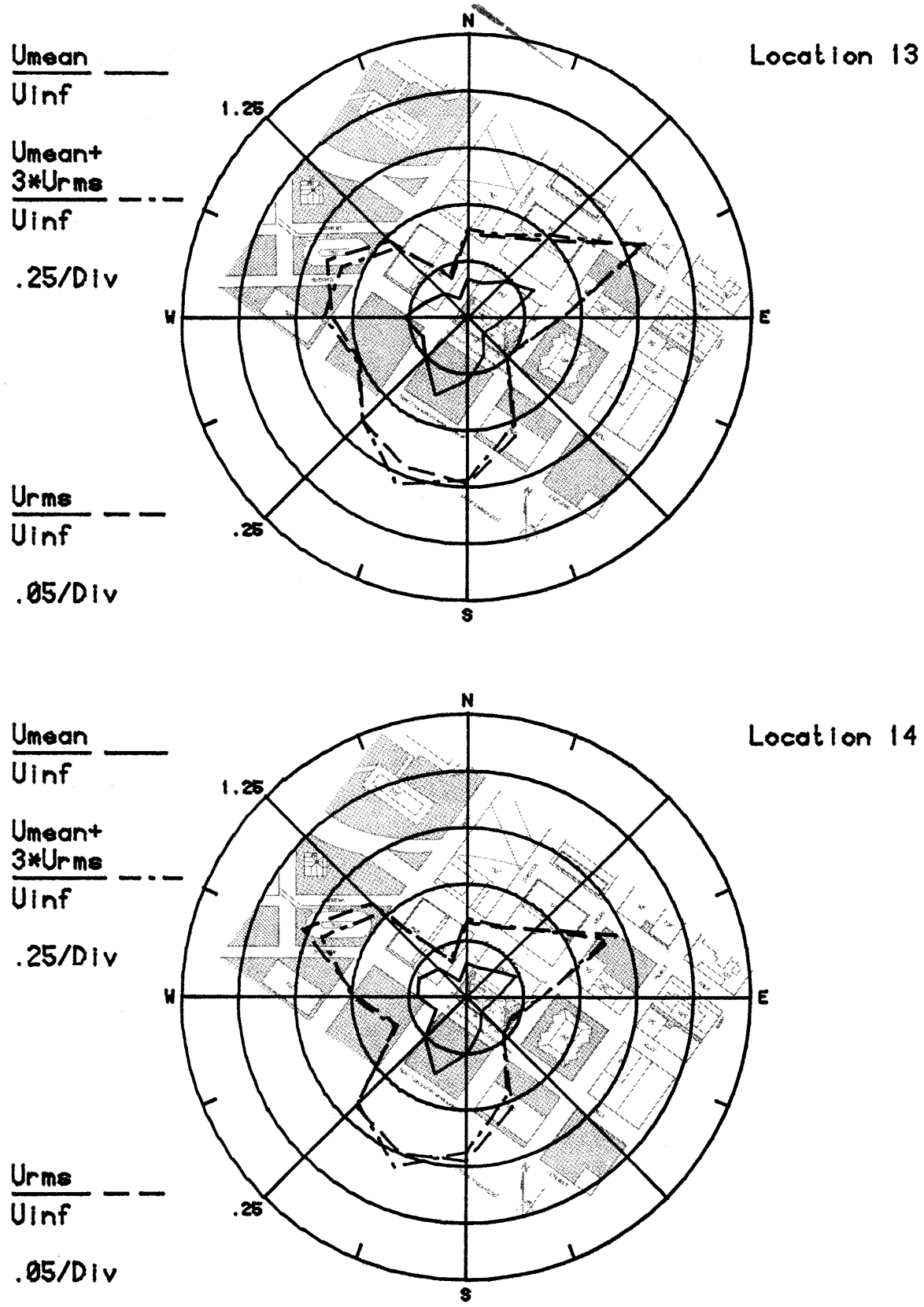


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

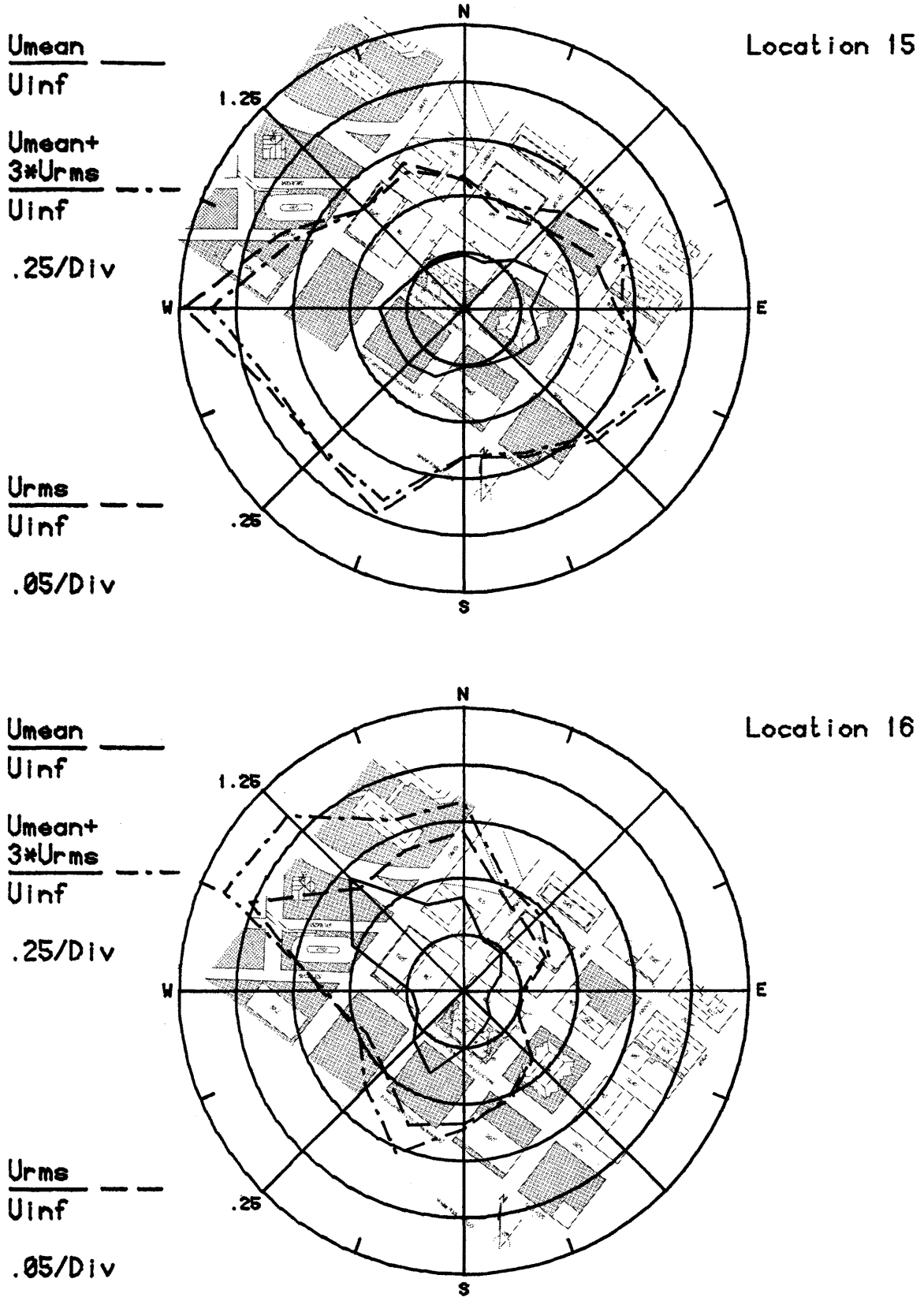


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

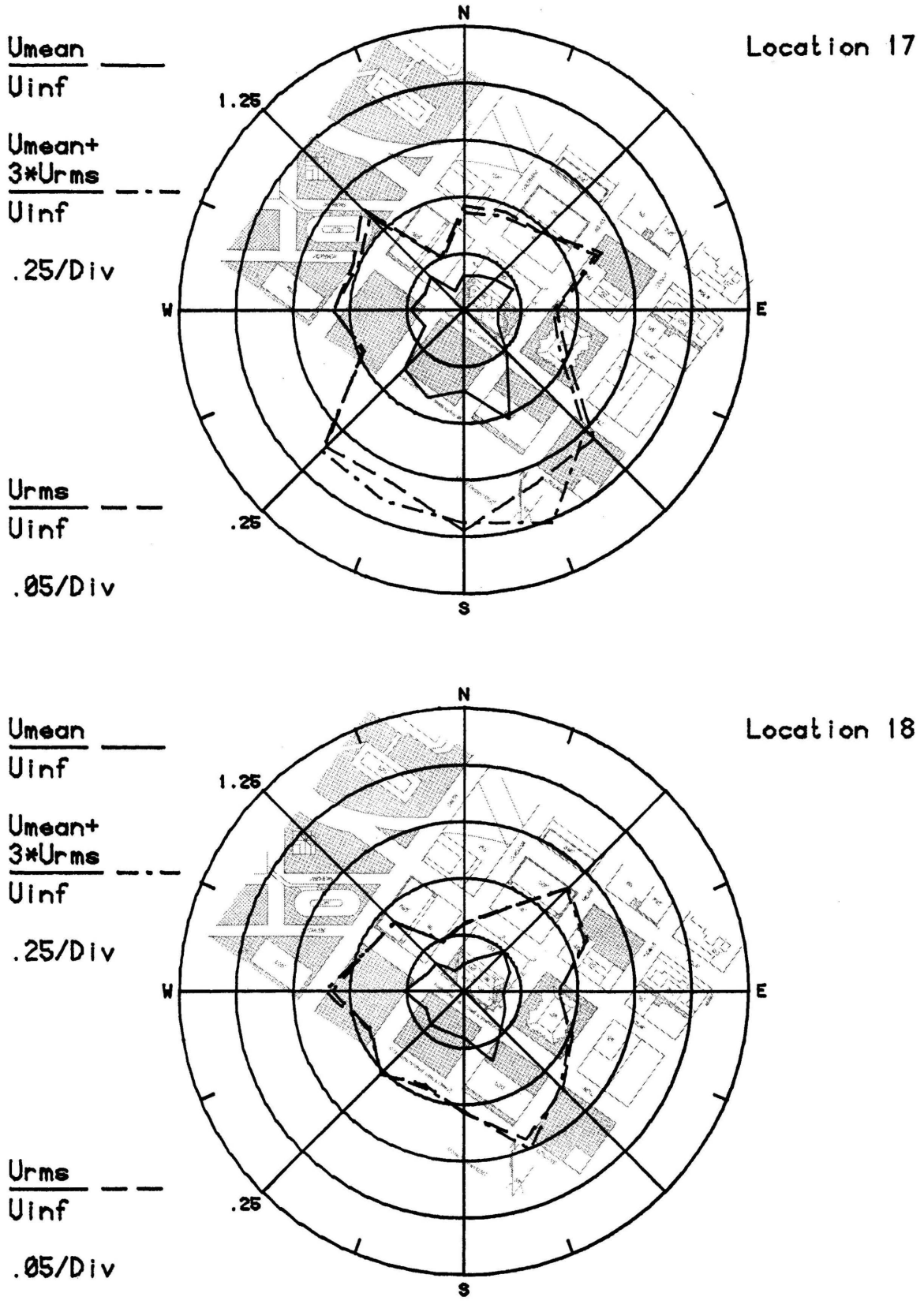


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

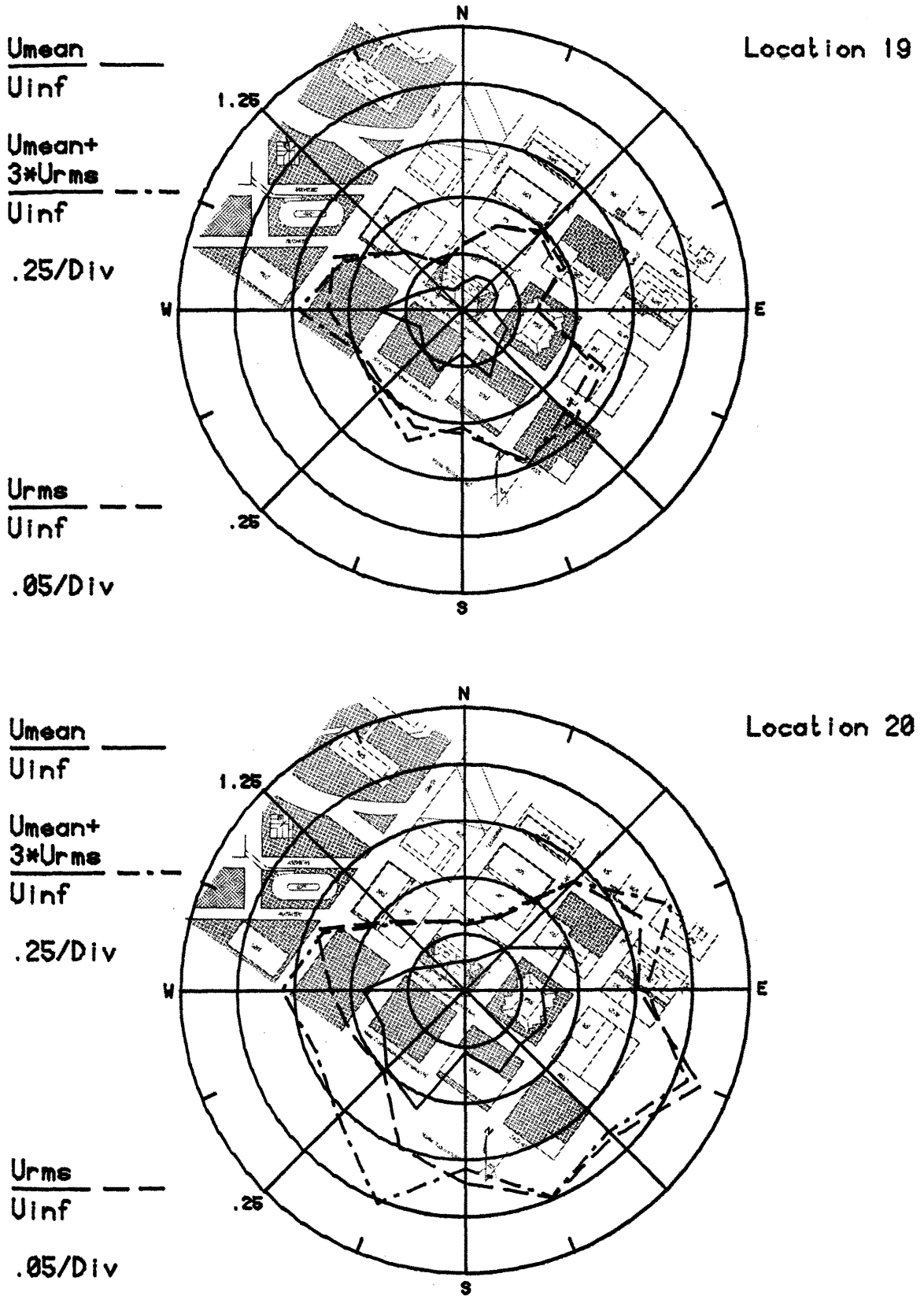


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20

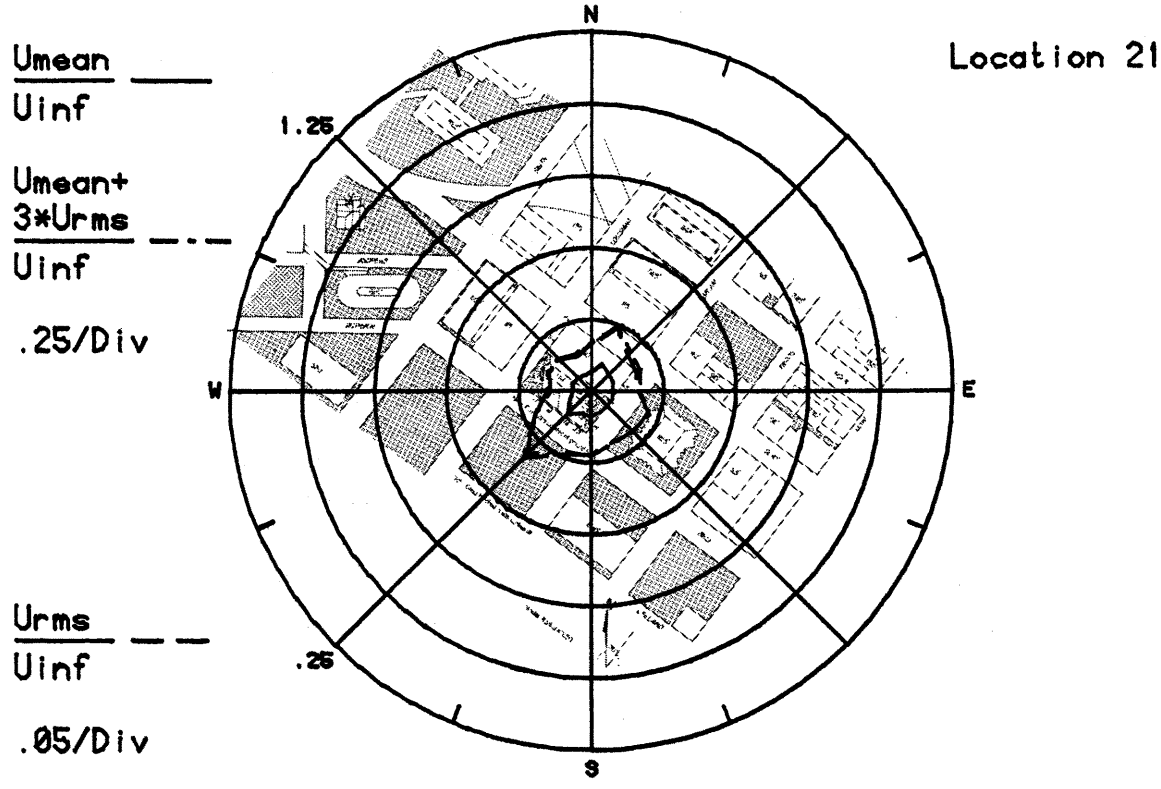


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Location 21

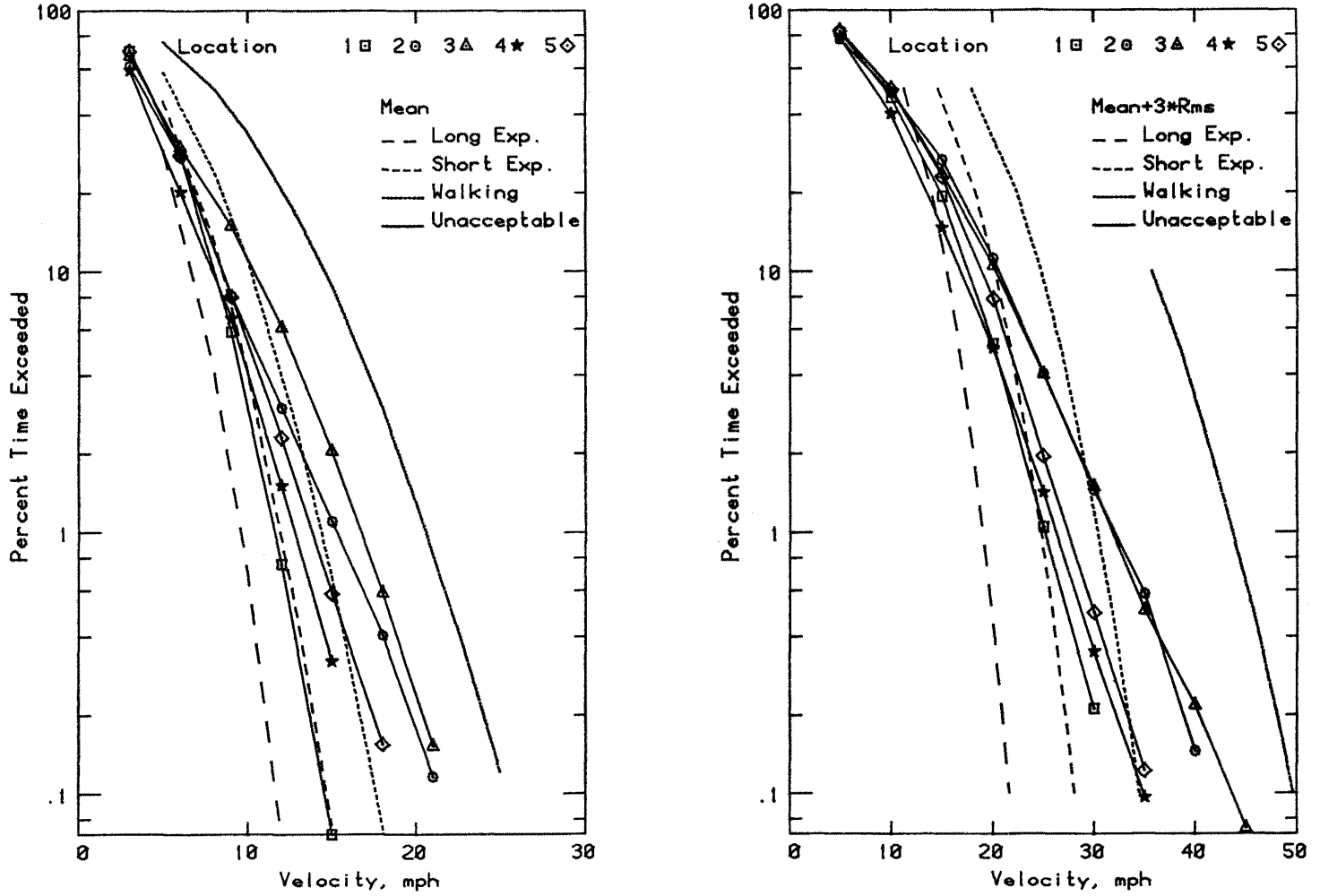


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

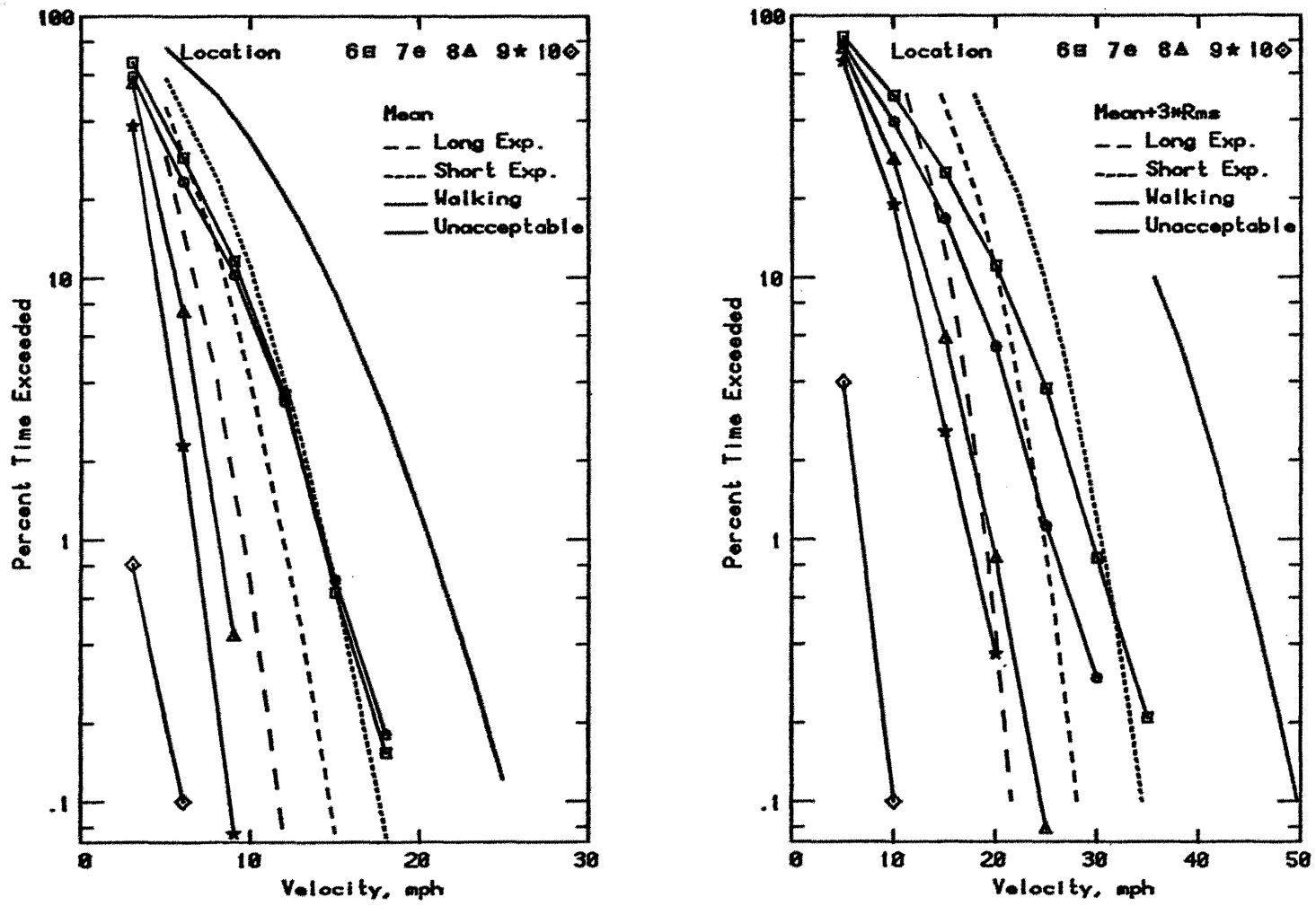


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

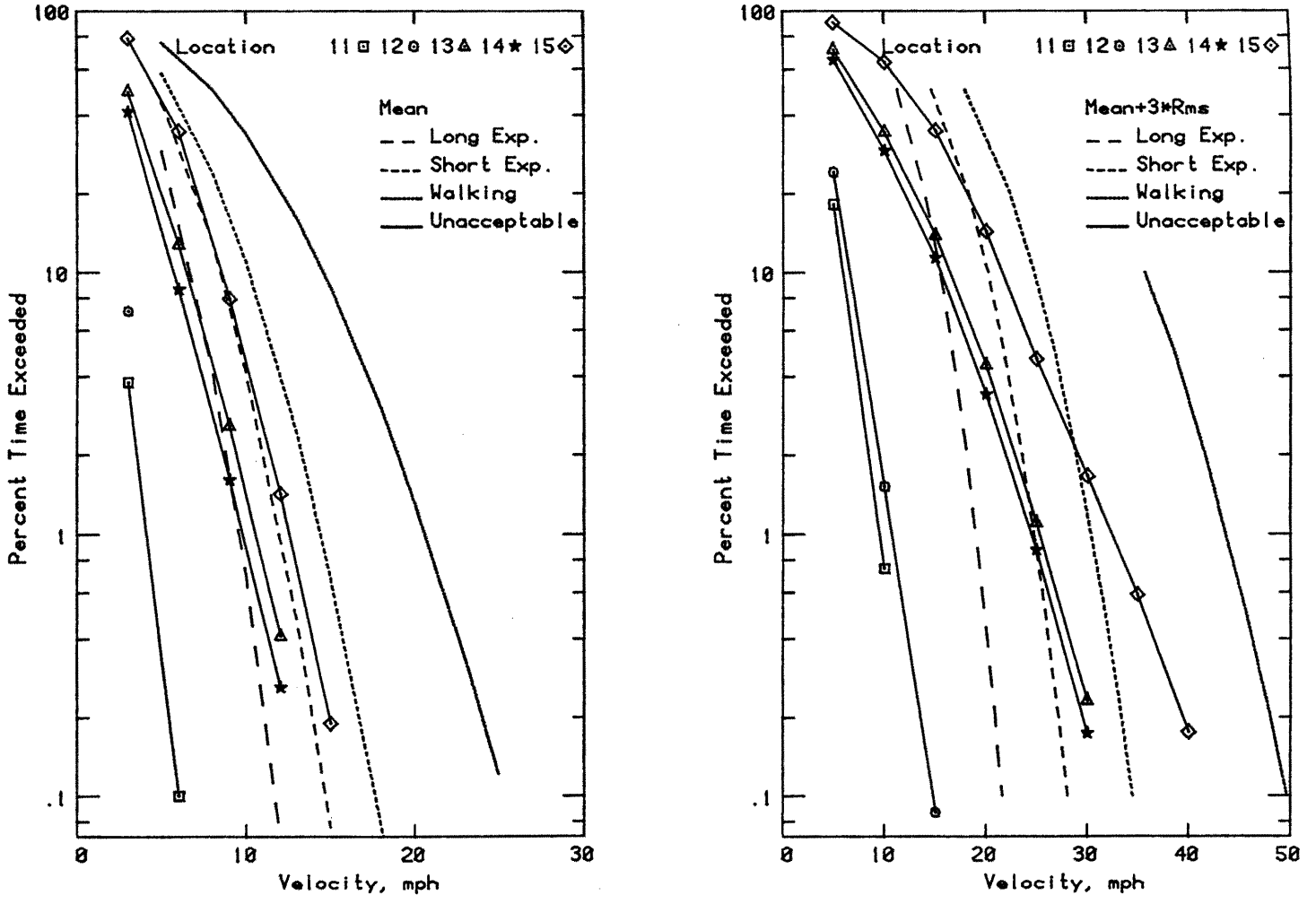


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

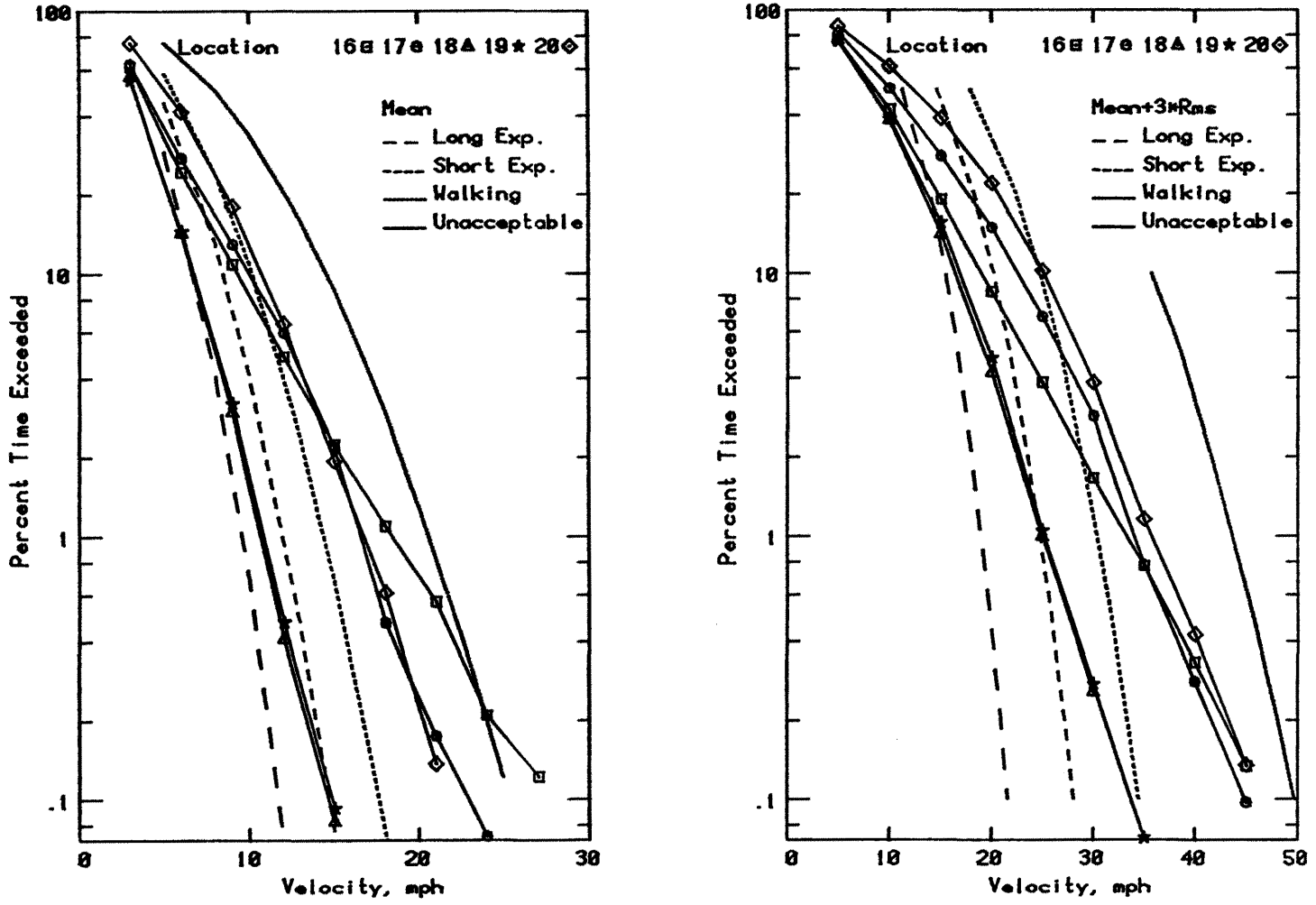


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

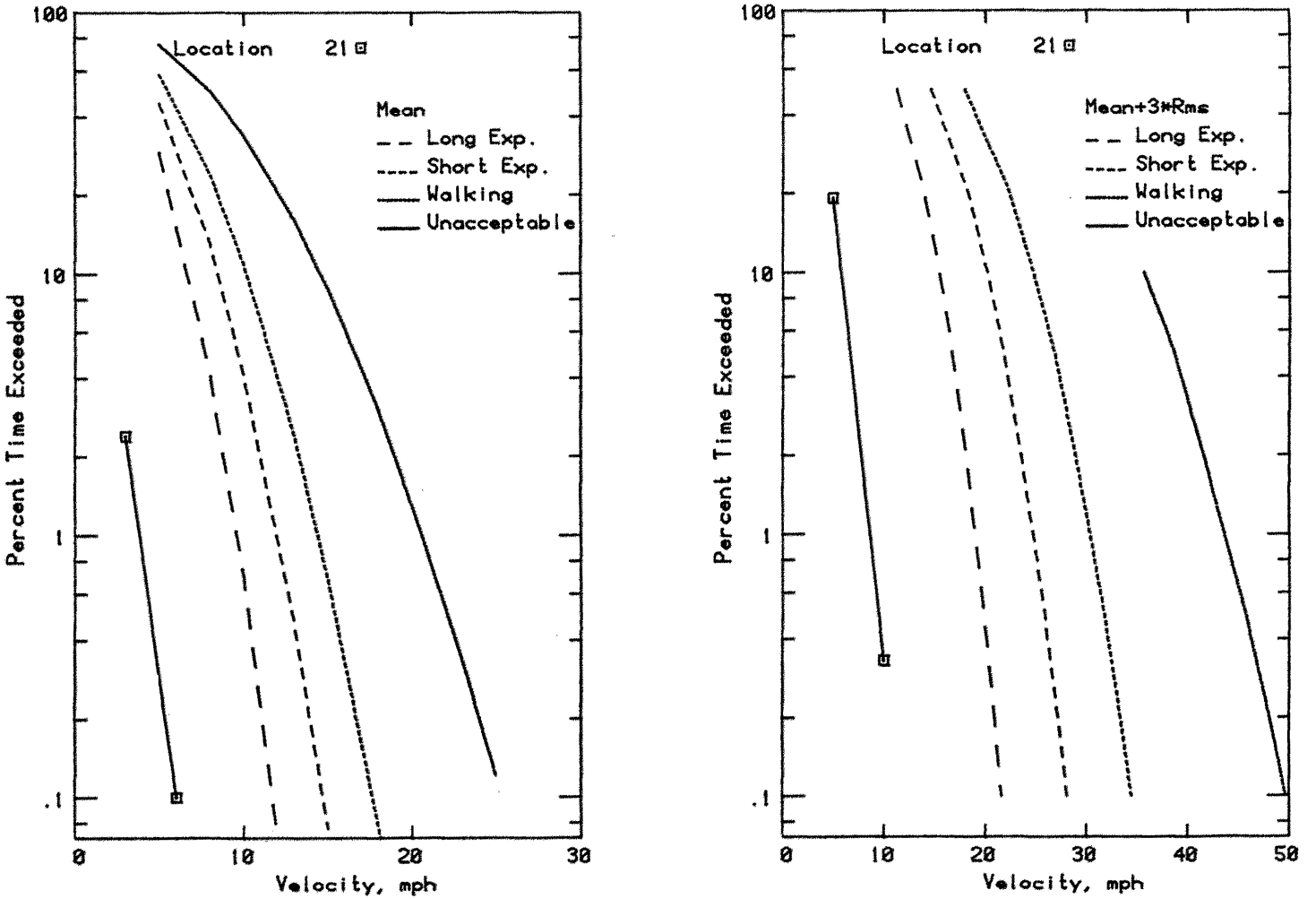


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

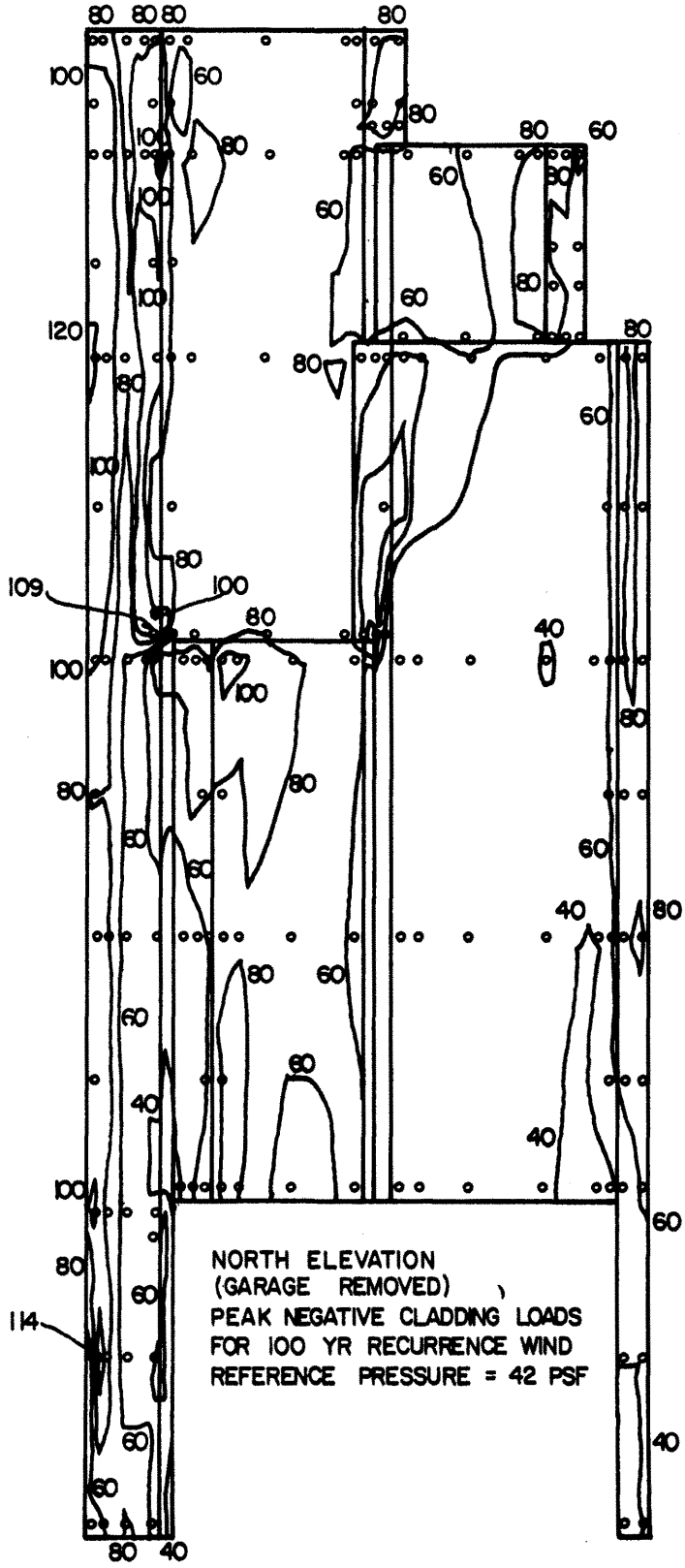


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

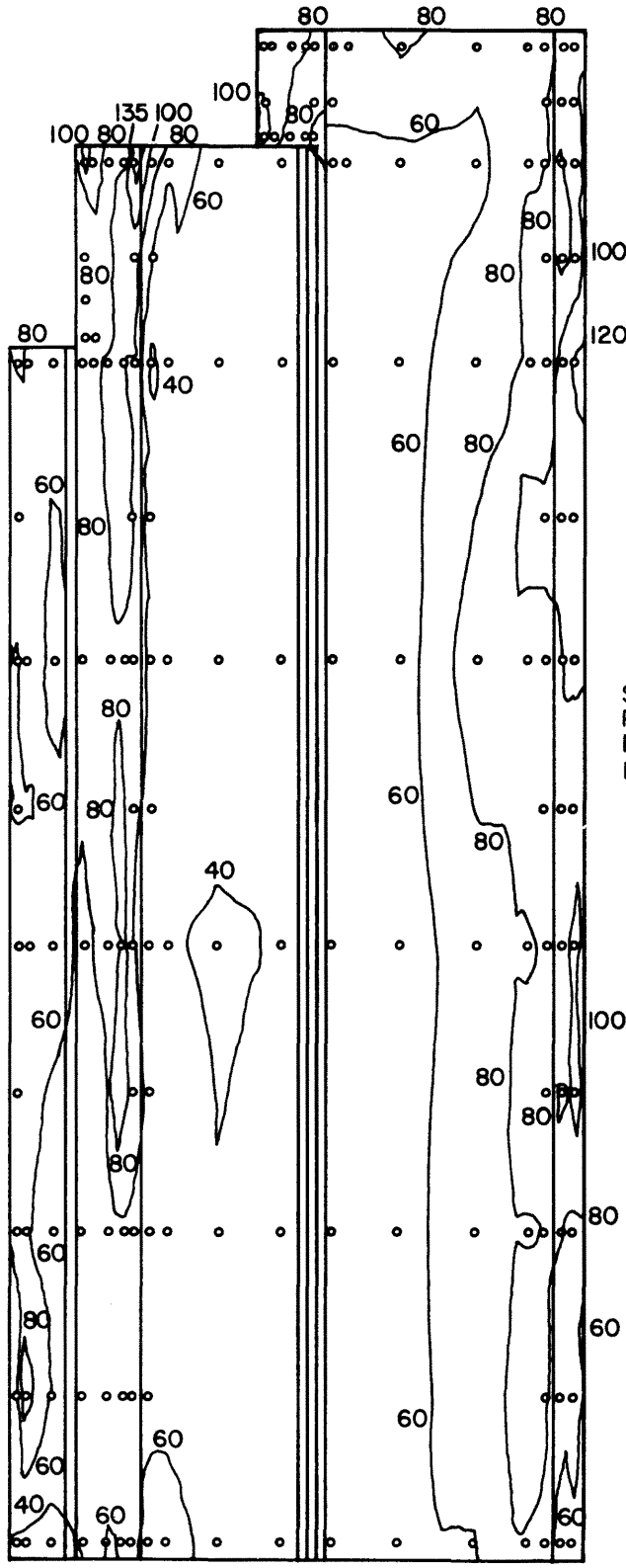


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

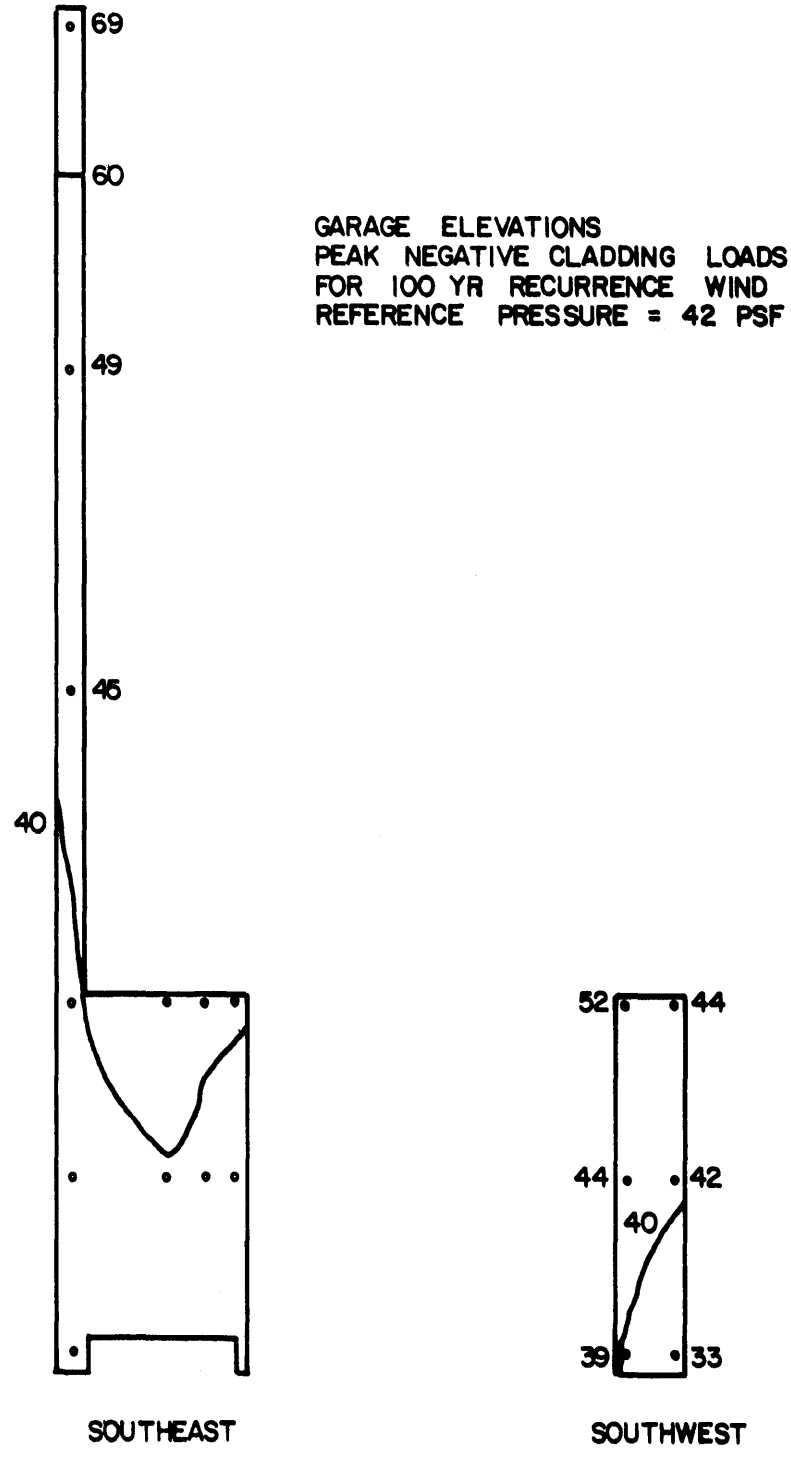


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

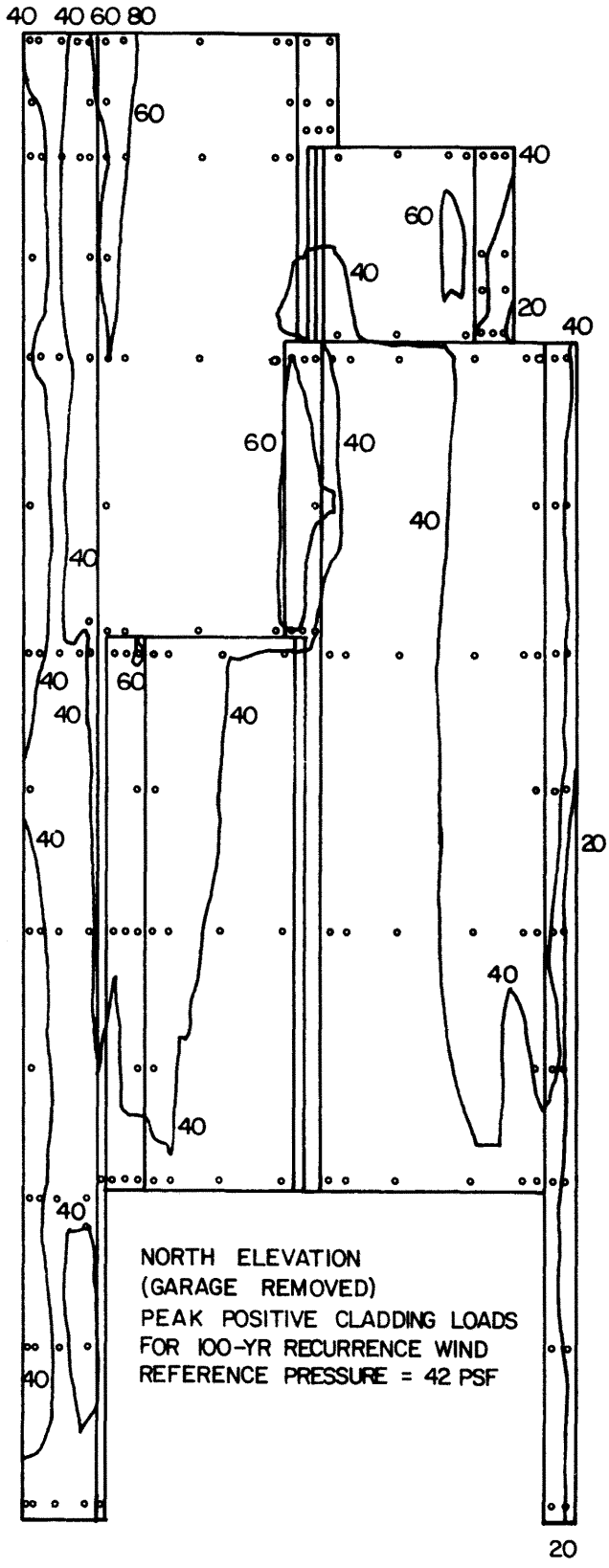


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

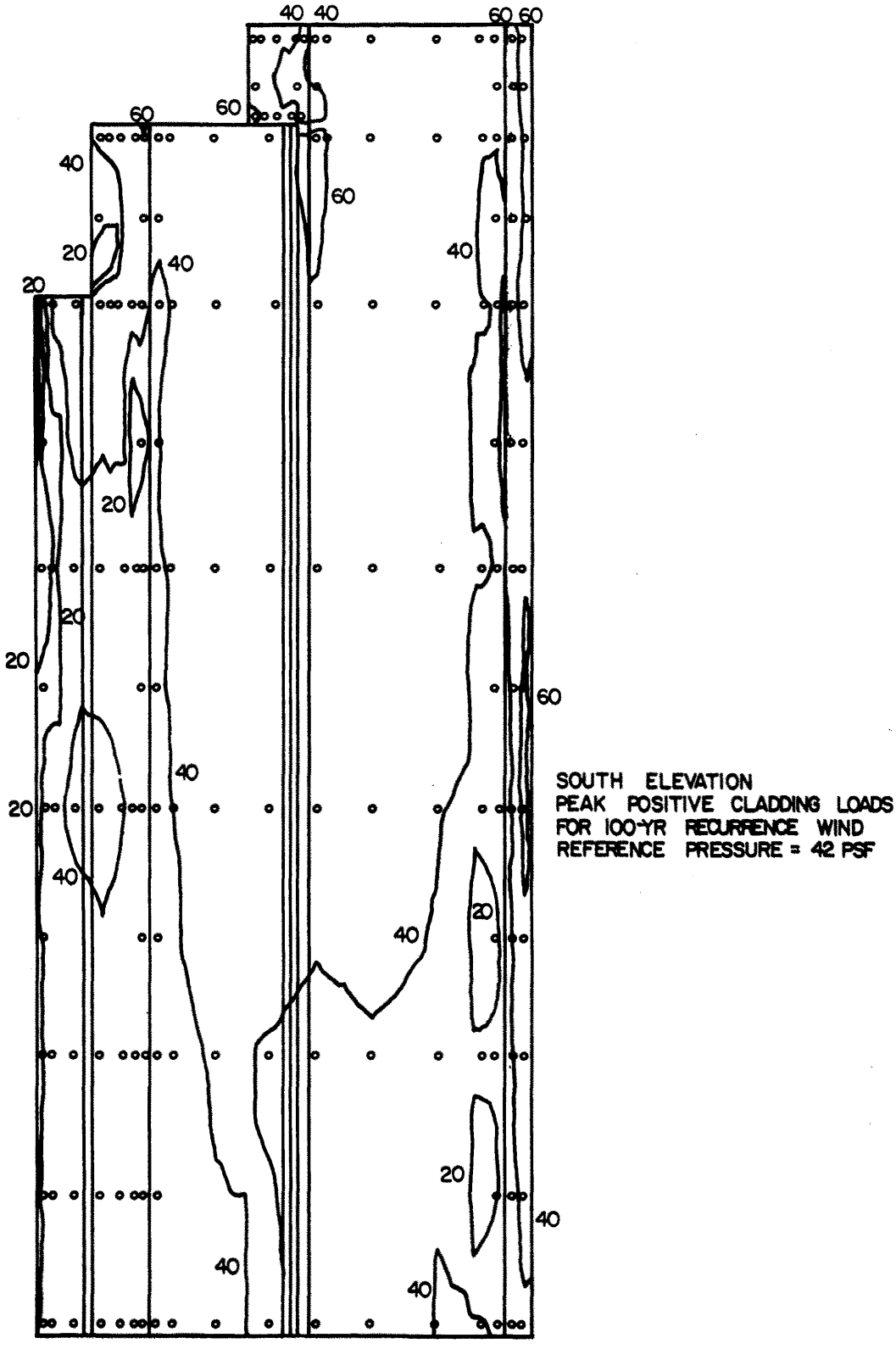


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

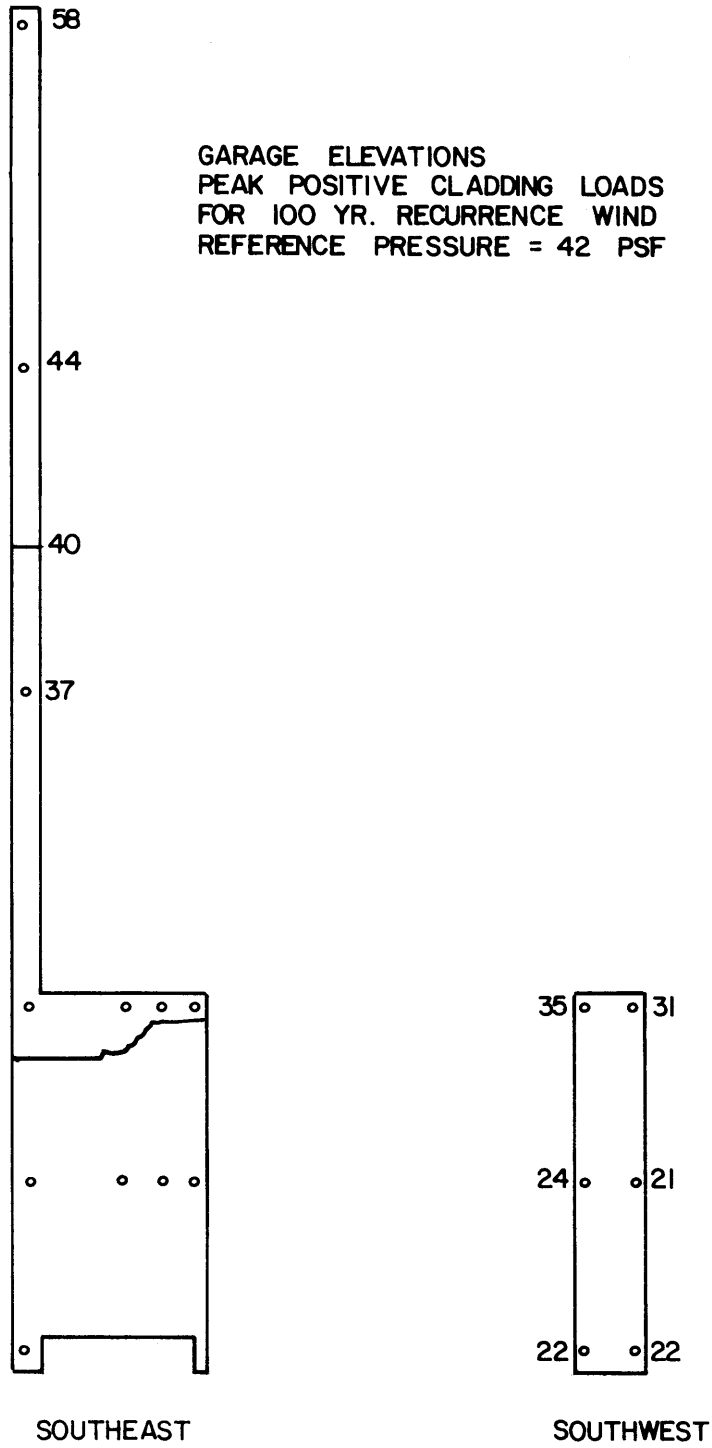


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

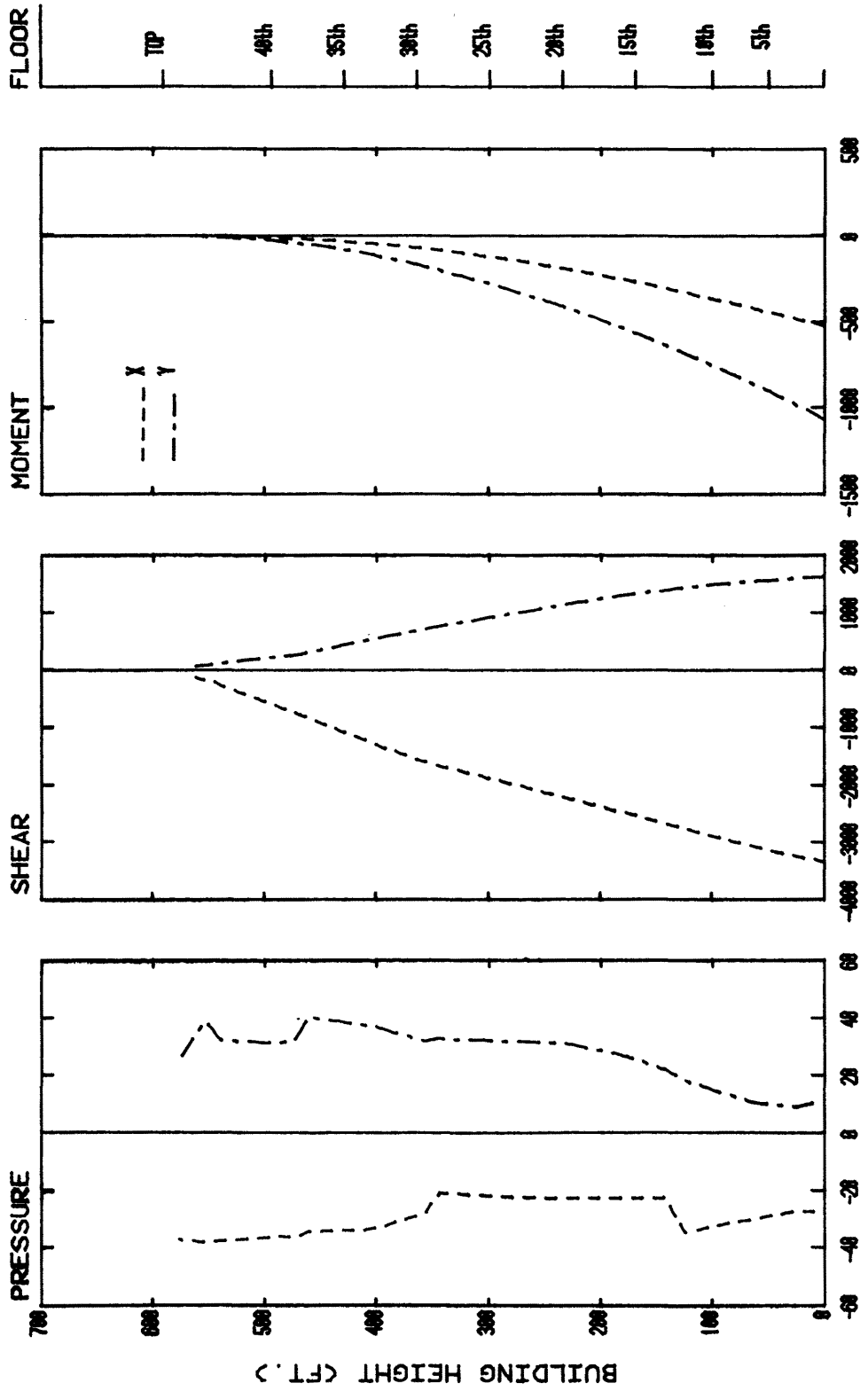


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

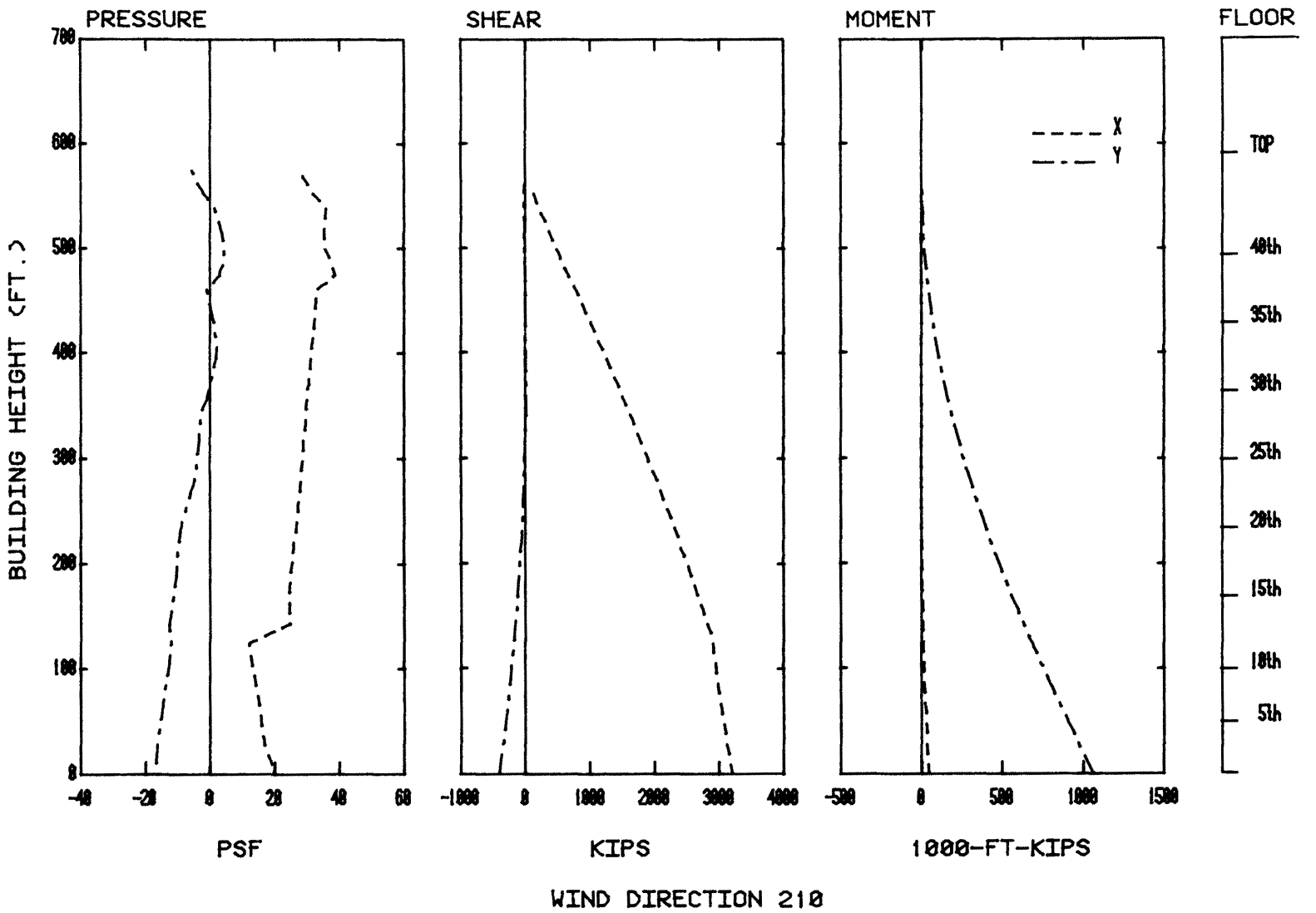


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

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

1415 LOUISIANA TOWER

High Pressure Areas

Run	Tap No.	Azimuth
1	528	170
2	706,726	120
3	705	130

Pedestrian Locations

Run	Pedestrian Location No.	Azimuth
4	16	315
5	2	112.5
6	20	202.5

TABLE 2--PEDESTRIAN.WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.6	6.4	29.7
22.50	21.0	10.5	52.5
45.00	24.3	7.7	47.5
67.50	30.0	6.1	48.3
90.00	36.4	11.8	71.8
112.50	30.4	13.7	71.4
135.00	29.0	12.4	66.3
157.50	29.7	12.5	67.1
180.00	25.2	11.7	60.2
202.50	32.0	12.4	69.3
225.00	27.4	11.8	62.8
247.50	29.6	7.7	52.6
270.00	26.2	7.8	49.4
292.50	28.5	8.2	53.1
315.00	19.1	10.1	49.3
337.50	12.6	7.5	35.2

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.6	14.0	72.6
22.50	8.8	5.8	26.3
45.00	15.0	7.9	38.6
67.50	27.4	11.4	61.5
90.00	31.6	12.5	69.0
112.50	58.1	18.9	114.9
135.00	28.9	14.0	70.8
157.50	26.6	15.8	74.0
180.00	30.6	16.5	80.0
202.50	28.9	13.2	68.4
225.00	8.3	4.4	21.6
247.50	8.1	4.4	21.1
270.00	8.7	4.8	22.9
292.50	15.0	9.6	43.9
315.00	14.6	8.5	40.1
337.50	10.9	6.3	29.9

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.7	11.8	70.2
22.50	17.1	9.3	44.9
45.00	15.7	9.3	43.5
67.50	46.9	12.4	84.2
90.00	39.8	12.5	77.3
112.50	51.9	11.9	87.7
135.00	38.8	14.4	81.9
157.50	17.4	11.2	50.9
180.00	18.7	11.8	54.1
202.50	14.4	7.5	36.9
225.00	19.2	9.0	46.1
247.50	15.7	7.8	39.1
270.00	17.2	8.4	42.5
292.50	50.2	17.3	102.3
315.00	52.4	16.3	101.3
337.50	15.1	8.5	40.6

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	35.7	16.7	85.9
22.50	24.3	10.7	56.4
45.00	30.1	9.8	59.4
67.50	16.6	8.9	43.3
90.00	18.0	11.0	51.0
112.50	9.8	4.9	24.4
135.00	15.6	9.1	43.0
157.50	15.6	9.6	44.3
180.00	18.6	10.4	49.9
202.50	38.3	11.8	73.7
225.00	41.0	8.6	66.8
247.50	32.0	7.5	54.5
270.00	33.6	8.8	59.9
292.50	27.5	9.5	55.9
315.00	34.5	11.3	68.5
337.50	32.8	13.6	73.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.0	9.3	50.7
22.50	12.4	5.0	27.5
45.00	15.5	7.9	39.1
67.50	20.6	11.9	56.2
90.00	26.2	9.4	54.4
112.50	48.1	12.4	85.4
135.00	38.6	12.6	76.5
157.50	27.2	13.9	69.0
180.00	24.6	13.4	64.8
202.50	26.2	14.6	69.9
225.00	28.5	13.4	68.8
247.50	23.4	14.9	68.1
270.00	13.5	6.0	31.5
292.50	19.8	10.4	50.9
315.00	26.7	9.6	55.5
337.50	23.2	7.5	45.6

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.6	8.7	44.8
22.50	17.5	9.1	44.9
45.00	21.9	11.6	56.7
67.50	34.1	17.2	85.6
90.00	19.1	11.6	53.9
112.50	14.6	7.4	36.7
135.00	25.2	12.1	61.4
157.50	43.7	14.0	85.7
180.00	40.0	15.1	85.2
202.50	34.2	13.1	73.7
225.00	33.0	13.3	72.9
247.50	16.7	8.6	42.7
270.00	23.5	12.5	61.0
292.50	22.5	12.1	58.8
315.00	21.0	12.4	58.2
337.50	12.0	6.1	30.5

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.7	12.0	63.7
22.50	22.6	9.6	51.3
45.00	15.1	7.7	38.1
67.50	15.3	8.3	40.1
90.00	11.7	5.9	29.4
112.50	16.1	9.4	44.3
135.00	16.0	8.0	40.1
157.50	41.6	10.6	73.4
180.00	45.0	10.5	76.6
202.50	23.7	12.0	59.6
225.00	24.9	11.7	60.0
247.50	17.2	9.4	45.5
270.00	17.5	9.3	45.4
292.50	24.4	11.8	59.9
315.00	25.6	12.4	62.9
337.50	15.0	7.9	38.8

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.7	8.0	41.9
22.50	16.7	7.7	40.0
45.00	14.7	6.6	34.4
67.50	24.0	12.3	60.9
90.00	19.1	8.7	45.1
112.50	17.1	7.6	40.0
135.00	16.7	7.5	39.1
157.50	16.7	6.9	37.4
180.00	23.4	10.0	53.3
202.50	21.3	9.0	48.5
225.00	21.3	9.4	49.3
247.50	21.3	9.8	50.8
270.00	21.4	10.0	51.5
292.50	20.1	10.4	51.4
315.00	21.3	11.2	54.9
337.50	19.8	8.9	46.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.4	7.1	36.7
22.50	18.2	8.6	43.9
45.00	11.5	6.4	30.7
67.50	11.2	6.4	30.3
90.00	12.9	8.2	37.5
112.50	16.8	9.8	46.3
135.00	15.8	8.9	42.6
157.50	16.3	7.4	38.4
180.00	16.9	7.7	40.1
202.50	18.8	11.2	52.4
225.00	24.7	12.3	61.6
247.50	14.1	9.7	43.2
270.00	8.9	4.5	22.5
292.50	12.8	6.3	31.6
315.00	14.1	6.5	33.7
337.50	12.4	5.6	29.3

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	5.6	1.7	10.8
22.50	5.6	1.6	10.4
45.00	6.3	2.0	12.2
67.50	8.9	3.2	18.6
90.00	5.4	1.7	10.4
112.50	4.7	1.4	8.8
135.00	5.1	1.8	10.5
157.50	7.4	3.1	16.7
180.00	8.1	2.6	15.8
202.50	8.3	2.4	15.4
225.00	7.2	2.1	13.4
247.50	8.4	2.9	17.0
270.00	8.2	3.0	17.1
292.50	6.3	2.2	12.9
315.00	6.1	1.9	11.9
337.50	5.0	1.3	8.8

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.6	2.7	15.7
22.50	8.0	2.7	16.2
45.00	7.1	2.6	14.7
67.50	7.2	2.9	15.9
90.00	7.6	3.4	17.8
112.50	12.1	7.0	33.2
135.00	10.0	5.4	26.3
157.50	8.9	3.9	20.6
180.00	8.8	3.5	19.4
202.50	7.6	3.6	18.3
225.00	8.1	3.6	18.8
247.50	5.4	1.7	10.4
270.00	5.9	2.2	12.5
292.50	6.8	2.4	14.2
315.00	7.4	2.6	15.1
337.50	6.5	2.1	12.8

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.0	3.5	19.4
22.50	7.8	2.6	15.7
45.00	9.5	3.9	21.2
67.50	10.9	4.6	24.7
90.00	9.4	3.9	21.2
112.50	14.2	7.9	37.9
135.00	11.9	6.3	30.6
157.50	8.6	3.4	18.9
180.00	8.8	3.5	19.4
202.50	7.9	3.4	18.0
225.00	8.0	3.1	17.3
247.50	5.9	2.2	12.4
270.00	6.7	2.6	14.6
292.50	8.5	3.5	18.9
315.00	8.5	3.2	18.1
337.50	6.9	2.3	13.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.8	7.4	38.9
22.50	16.2	7.7	39.2
45.00	22.4	9.6	51.1
67.50	31.4	16.8	81.9
90.00	16.8	8.4	41.9
112.50	11.7	5.6	28.5
135.00	9.8	5.0	24.6
157.50	18.5	11.3	52.4
180.00	27.9	14.7	72.0
202.50	27.2	14.2	70.9
225.00	25.8	12.9	64.4
247.50	21.1	10.1	51.4
270.00	27.2	11.8	62.6
292.50	19.0	13.3	58.9
315.00	14.7	9.5	43.3
337.50	8.9	3.7	20.1

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.6	6.6	34.4
22.50	13.9	6.7	34.1
45.00	16.5	8.4	41.7
67.50	23.7	14.3	66.6
90.00	13.4	6.7	33.3
112.50	10.2	4.3	23.2
135.00	9.0	4.6	22.9
157.50	15.7	10.6	47.4
180.00	25.3	14.5	68.8
202.50	36.5	15.0	81.4
225.00	25.8	13.6	66.7
247.50	14.2	6.5	33.6
270.00	21.3	9.5	49.8
292.50	22.2	15.5	68.8
315.00	17.3	11.7	52.4
337.50	7.7	3.3	17.6

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.8	11.3	57.7
22.50	22.2	8.8	48.6
45.00	30.3	10.0	60.4
67.50	39.3	12.2	75.9
90.00	28.9	13.4	69.2
112.50	35.3	18.9	92.2
135.00	30.1	16.4	79.3
157.50	26.6	14.1	69.0
180.00	25.8	13.2	65.2
202.50	32.5	19.7	91.5
225.00	34.7	17.8	88.1
247.50	34.7	18.6	90.3
270.00	37.4	24.6	111.1
292.50	27.9	17.3	79.7
315.00	24.8	12.3	61.8
337.50	23.6	13.8	65.1

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	41.1	14.1	83.4
22.50	23.6	9.1	50.8
45.00	23.5	7.9	47.2
67.50	17.3	7.8	40.6
90.00	11.5	5.0	26.6
112.50	10.6	5.2	26.1
135.00	16.5	8.6	42.3
157.50	19.3	10.5	50.7
180.00	25.9	11.7	61.0
202.50	39.2	12.8	77.5
225.00	31.3	9.8	60.8
247.50	21.6	9.4	49.7
270.00	23.1	12.5	60.6
292.50	52.8	20.4	113.9
315.00	70.4	12.8	108.8
337.50	41.0	13.4	81.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.2	9.1	42.7
22.50	16.4	9.3	44.4
45.00	18.9	9.6	47.8
67.50	23.3	13.1	62.5
90.00	15.0	8.1	39.4
112.50	16.1	9.7	45.3
135.00	26.6	16.1	75.0
157.50	52.0	16.5	101.6
180.00	35.7	19.4	94.0
202.50	41.5	16.5	91.0
225.00	36.7	17.1	88.0
247.50	18.2	9.6	47.0
270.00	23.5	11.4	57.7
292.50	18.7	10.5	50.2
315.00	20.2	12.6	58.0
337.50	9.3	5.0	24.4

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.1	5.9	29.9
22.50	15.7	7.6	38.5
45.00	24.9	12.9	63.6
67.50	21.9	11.7	57.1
90.00	17.1	8.3	42.0
112.50	19.5	10.3	50.4
135.00	23.0	12.2	59.7
157.50	33.0	14.1	75.4
180.00	20.6	10.7	52.9
202.50	19.1	8.9	45.8
225.00	20.5	10.3	51.5
247.50	18.3	8.8	44.7
270.00	26.1	11.6	60.8
292.50	18.3	9.2	46.0
315.00	17.1	8.6	42.8
337.50	10.1	4.7	24.2

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.7	5.8	29.0
22.50	16.1	8.0	40.2
45.00	17.8	9.8	47.3
67.50	16.9	9.7	45.9
90.00	13.0	6.4	32.3
112.50	21.4	13.5	61.9
135.00	21.8	13.9	63.5
157.50	31.6	14.3	74.7
180.00	19.2	10.9	52.0
202.50	29.0	11.2	62.5
225.00	24.5	9.6	53.4
247.50	20.0	9.7	49.1
270.00	36.9	11.8	72.3
292.50	20.0	12.1	56.4
315.00	14.0	7.3	36.0
337.50	9.8	4.3	22.8

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.7	5.8	30.2
22.50	15.0	6.7	35.0
45.00	26.7	13.5	67.1
67.50	48.3	16.7	98.5
90.00	33.8	15.2	79.5
112.50	38.5	22.4	105.8
135.00	33.8	18.3	88.8
157.50	39.1	19.9	98.8
180.00	27.8	17.0	78.8
202.50	56.4	15.1	101.6
225.00	48.7	10.1	79.1
247.50	39.2	10.6	70.9
270.00	45.0	11.8	80.3
292.50	24.8	14.1	67.2
315.00	15.7	8.6	41.5
337.50	13.2	6.6	32.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	6.8	3.2	16.4
22.50	9.9	4.8	24.2
45.00	8.3	3.6	19.0
67.50	8.2	3.4	18.3
90.00	7.3	3.2	17.0
112.50	8.0	4.4	21.3
135.00	7.7	4.1	19.9
157.50	8.2	3.9	19.9
180.00	9.0	4.5	22.3
202.50	8.4	4.8	22.8
225.00	11.4	6.6	31.2
247.50	7.9	4.1	20.4
270.00	6.4	2.8	14.9
292.50	6.7	3.2	16.3
315.00	6.6	3.1	15.8
337.50	5.9	2.6	13.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

1415 LOUISIANA TOWER, HOUSTON

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
16	315.0	70.4	12.8	108.8
2	112.5	58.1	18.9	114.9
20	202.5	56.4	15.1	101.6
16	292.5	52.8	20.4	113.9
3	315.0	52.4	16.3	101.3
17	157.5	52.0	16.5	101.6
3	112.5	51.9	11.9	87.7
3	292.5	50.2	17.3	102.3
20	225.0	48.7	10.1	79.1
20	67.5	48.3	16.7	98.5

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
15	270.0	37.4	24.6	111.1
20	112.5	38.5	22.4	105.8
16	292.5	52.8	20.4	113.9
20	157.5	39.1	19.9	98.8
15	202.5	32.5	19.7	91.5
17	180.0	35.7	19.4	94.0
15	112.5	35.3	18.9	92.2
2	112.5	58.1	18.9	114.9
15	247.5	34.7	18.6	90.3
20	135.0	33.8	18.3	88.8

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
2	112.5	58.1	18.9	114.9
16	292.5	52.8	20.4	113.9
15	270.0	37.4	24.6	111.1
16	315.0	70.4	12.8	108.8
20	112.5	38.5	22.4	105.8
3	292.5	50.2	17.3	102.3
20	202.5	56.4	15.1	101.6
17	157.5	52.0	16.5	101.6
3	315.0	52.4	16.3	101.3
20	157.5	39.1	19.9	98.8

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

HOUSTON, TEXAS INTERNATIONAL AIRPORT (1951-1960)

SEASON : ANNUAL NO. OF OBS.= 87672 HT. OF MEAS.= 87. 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	.26	.83	1.87	1.75	.61	.13	.01	.02	0.00	5.46
NNE	.23	.93	1.48	1.44	.54	.13	.05	0.00	0.00	4.58
NE	.29	1.05	2.08	1.44	.36	.11	.04	.01	.01	5.38
ENE	.32	1.28	2.80	2.16	.43	.11	.01	0.00	0.00	7.12
E	.32	1.18	2.30	1.23	.32	.11	.01	0.00	0.00	5.47
ESE	.41	1.87	3.09	2.27	.55	.15	.01	0.00	0.00	8.36
SE	.36	1.40	3.93	3.24	1.10	.21	.07	.06	0.00	10.36
SSE	.37	1.75	4.55	4.70	2.06	.34	.08	.06	0.00	13.92
S	.33	1.53	3.30	2.93	.90	.18	.04	0.00	0.00	9.21
SSW	.31	1.12	2.23	1.65	.52	.14	.03	0.00	0.00	5.99
SW	.28	.94	1.35	.74	.23	.10	.01	0.00	0.00	3.66
WSW	.27	.90	1.23	.66	.23	.07	.03	.01	0.00	3.40
W	.20	.67	.87	.39	.18	.08	.02	.01	0.00	2.40
WNW	.24	.78	1.17	.81	.39	.11	.03	.01	.01	3.56
NW	.20	.76	1.30	.96	.47	.12	.04	.03	.01	3.89
NNW	.22	.79	1.70	1.89	.78	.20	.04	.05	.04	5.70
CALM	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
TOT	5.97	17.73	35.25	28.26	9.67	2.29	.50	.26	.07	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

	Beaufort number	Speed (mph)	Effects
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):

   100-yr fastest mile at 30 ft = 90 mph

   Mean hourly wind speed = $\frac{90}{1.28}$ = 70.3 mph

   Mean hourly gradient wind speed = $70.3 \left(\frac{1000}{30}\right)^{.17}$ = 127.6 mph

   Mean hourly wind at reference location = U_∞ = gradient wind = 127.6 mph

   Reference Pressure = $0.5 \rho U_\infty^2 = (.00256)\ (127.6)^2 =$ 41.7

   Use 42 psf

2. Loads for 50-yr recurrence wind:

   50-yr fastest mile at 30 ft = 76 mph

   Multiply 50-yr loads by $\left(\frac{76}{90}\right)^2$ = 0.71

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

Gust Duration, sec	Gust Load Factor
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 : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.6 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
101	70	1.99	-61.8	83.6	149	130	-1.37	-57.4	48.5	221	120	-2.82	-118.5	42.9
102	70	1.53	-61.7	64.5	150	120	-1.82	-76.3	49.7	222	120	-2.36	-98.9	56.8
103	120	-1.53	-64.4	42.8	151	150	-1.42	-59.5	44.7	223	100	-2.73	-114.7	57.7
104	130	-1.77	-74.3	41.6	152	60	1.13	-40.8	47.4	224	100	-2.91	-122.2	65.9
105	130	-1.89	-79.5	41.0	153	120	-1.81	-76.0	44.6	225	130	-2.87	-120.5	41.0
106	40	1.49	-50.7	62.5	154	120	-1.81	-75.9	42.5	226	120	-2.76	-115.8	38.7
107	130	-1.56	-65.4	44.5	155	140	-1.70	-71.2	39.2	227	120	-1.92	-80.7	37.1
108	130	-1.73	-72.6	59.7	156	150	-1.40	-58.9	27.9	228	110	-2.61	-109.8	41.9
109	140	-2.16	-90.8	61.4	157	130	-1.29	-54.2	33.7	229	110	-2.80	-117.5	46.7
110	140	-1.62	-67.9	49.4	158	140	-1.34	-56.3	31.6	230	130	-1.65	-69.2	58.3
111	120	-1.55	-65.1	47.9	159	150	-1.42	-59.5	35.4	231	120	-1.58	-66.3	61.4
112	120	-1.29	-54.2	41.6	160	150	-1.13	-47.3	43.9	232	110	-1.78	-74.8	59.3
113	130	-1.16	-48.8	42.4	161	10	1.05	-37.0	44.1	233	120	-1.88	-78.9	58.9
114	150	-1.49	-62.6	43.1	162	150	-1.31	-55.1	43.5	234	200	-2.47	-103.9	53.6
115	150	-1.84	-77.5	49.2	163	130	-1.98	-83.2	46.0	235	100	-2.51	-105.4	52.9
116	120	-2.17	-91.0	49.1	164	150	-1.33	-55.9	42.4	236	120	-2.58	-108.4	51.9
117	120	-1.78	-74.6	61.9	165	120	-.88	-36.9	34.9	237	120	-2.60	-109.0	63.1
118	120	-2.22	-93.1	62.2	166	150	-1.98	-83.2	36.2	238	110	-2.59	-108.9	42.7
119	140	-1.39	-58.5	39.3	167	130	-1.90	-80.0	37.5	239	120	-2.36	-99.1	65.6
120	50	-1.45	-61.0	38.1	168	140	-1.18	-49.7	39.9	240	110	-2.91	-122.4	63.5
121	130	-1.16	-48.7	45.0	169	150	-1.53	-64.2	30.9	241	120	-1.32	-55.5	43.3
122	130	-1.72	-72.2	41.0	170	140	-1.27	-53.5	32.2	242	100	-2.34	-98.4	48.6
123	290	-1.91	-80.1	42.4	171	140	-1.36	-57.0	33.0	243	90	-2.76	-115.8	55.5
124	120	-1.71	-72.0	61.2	172	140	-1.05	-44.0	38.0	244	110	-2.41	-101.2	49.6
125	130	-1.56	-65.4	55.8	173	130	-1.00	-41.8	39.4	245	110	-2.37	-99.7	40.2
126	160	-1.71	-72.0	58.2	174	0	.94	-33.1	39.7	246	110	-1.35	-56.5	38.2
127	150	-1.98	-83.1	56.2	175	10	.87	-35.4	36.7	247	110	-1.30	-54.7	38.1
128	60	-2.29	-96.0	37.9	176	170	1.05	-36.2	44.2	248	110	-1.99	-83.6	41.7
129	130	-1.98	-83.2	37.7	201	200	-2.38	-99.9	59.9	249	110	-1.16	-48.6	43.7
130	270	-1.60	-67.0	33.8	202	100	-2.09	-87.8	62.5	250	110	-2.06	-86.7	45.4
131	130	-1.14	-47.7	42.4	203	130	-2.25	-94.6	32.4	251	110	-2.42	-101.7	48.4
132	130	-1.20	-50.2	46.7	204	130	-2.24	-94.1	27.5	252	110	-1.80	-75.6	60.8
133	170	-1.29	-54.0	49.4	205	200	-1.62	-67.8	27.9	253	110	-1.69	-71.0	30.0
134	120	-1.50	-62.8	51.6	206	10	-1.75	-73.6	55.5	254	200	-1.96	-82.4	47.8
135	150	-1.42	-59.6	56.9	207	120	-2.07	-86.7	53.8	255	100	-2.13	-89.7	63.4
136	160	-1.42	-59.6	48.5	208	90	-2.08	-87.3	57.4	256	120	-1.90	-79.6	35.0
137	120	-1.71	-71.9	57.0	209	100	-2.06	-86.6	64.6	257	110	-1.93	-81.2	49.8
138	160	-1.85	-77.5	56.3	210	130	-2.60	-109.0	40.5	258	100	-2.16	-90.8	42.0
139	120	-1.49	-62.5	58.0	211	80	-2.01	-84.3	54.5	259	110	-2.42	-101.8	65.6
140	130	-2.61	-109.7	52.5	212	100	-1.86	-78.3	57.3	260	120	-2.08	-87.5	54.5
141	160	-2.45	-102.9	47.5	213	100	-2.08	-87.6	60.3	261	120	-2.24	-94.2	44.6
142	140	-2.04	-85.5	41.7	214	120	-2.70	-113.4	53.6	262	110	-1.28	-53.7	33.3
143	130	-1.47	-61.9	32.2	215	120	-2.80	-117.5	43.7	263	110	-1.33	-56.0	35.9
144	110	-1.36	-56.9	36.7	216	120	-1.76	-74.1	36.0	264	130	-1.07	-44.8	37.3
145	70	-1.28	-53.8	36.3	217	110	-1.93	-81.2	56.0	265	10	-1.13	-47.6	42.5
146	170	-1.18	-49.7	37.1	218	80	-2.57	-107.8	59.3	266	140	-1.13	-47.3	42.8
147	0	1.03	-39.3	43.1	219	100	-1.72	-72.3	52.1	267	140	-1.56	-65.6	48.2
148	150	-1.04	-43.9	40.4	220	110	-1.97	-82.6	62.9	268	100	-1.82	-76.5	45.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.6 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
269	100	-2.50	-105.1	54.2
270	110	-2.21	-92.7	52.1
271	220	-1.39	-58.3	45.2
272	140	-.94	-39.3	29.1
273	180	-1.49	-62.7	33.0
274	350	-1.63	-68.4	32.1
275	50	-2.01	-84.4	43.3
276	50	-1.72	-72.0	46.9
277	120	-2.43	-102.0	51.0
278	120	-1.97	-82.9	42.4
279	110	-1.31	-55.1	32.9
280	130	-1.52	-63.8	32.7
281	110	-.91	-38.1	38.1
282	110	-1.44	-60.4	38.2
283	140	-1.05	-44.0	39.4
284	130	-1.01	-42.4	39.2
285	130	-1.00	-42.2	41.9
286	210	-1.43	-60.0	33.6
287	110	-1.59	-66.7	52.3
288	110	-1.49	-62.8	40.2
289	110	-2.71	-113.8	47.9
290	220	-1.08	-45.6	39.2
291	120	-1.43	-60.0	41.9
292	180	1.07	-29.3	45.0
293	160	1.08	-37.4	45.2
294	170	1.17	-34.8	49.1
295	170	1.18	-32.8	49.5
296	110	-1.30	-54.5	27.9
297	110	-1.33	-55.8	33.7
298	110	-1.41	-59.1	33.2
299	110	-1.36	-57.1	37.1
300	210	-1.92	-80.6	39.2
301	240	-1.47	-61.9	38.9
302	160	1.06	-33.7	44.5
303	160	1.03	-29.6	43.3
304	180	1.05	-30.0	43.9
401	260	-1.45	-61.0	47.8
402	290	-1.59	-66.7	56.0
403	110	-1.98	-83.3	53.1
404	110	-1.55	-64.9	46.5
405	180	-1.54	-64.7	48.0
406	140	-1.68	-70.7	48.5
407	260	-1.75	-73.3	54.7
408	130	-1.91	-80.3	50.5
409	330	-2.20	-92.3	54.1
410	330	-1.67	-70.0	56.8
411	200	1.29	-53.7	54.1
412	320	-1.35	-56.5	51.3
413	200	1.61	-57.3	67.6
414	200	1.39	-56.6	58.2
415	210	1.41	-55.3	59.4
416	200	1.41	-56.3	59.1
417	100	-1.67	-70.0	50.5
418	120	-1.94	-81.6	40.5
419	180	-1.41	-59.3	49.1
420	100	-2.04	-85.8	33.1
421	170	-.87	-36.5	29.8
422	330	-1.14	-48.0	45.9
423	240	1.22	-48.0	51.2
424	220	1.31	-47.1	55.0
425	210	1.41	-48.1	59.3
426	110	-1.29	-54.3	53.3
427	90	-1.66	-69.9	51.5
428	170	-1.97	-82.7	43.7
429	130	-1.94	-81.4	36.3
430	260	-1.22	-51.3	40.7
431	110	-2.51	-105.3	40.4
432	170	-1.34	-56.1	39.4
433	260	-1.10	-46.3	41.4
434	220	1.23	-49.3	51.5
435	220	1.36	-44.7	57.0
436	220	1.32	-47.2	55.3
437	210	1.33	-48.2	55.7
438	160	-2.22	-93.2	51.4
439	110	-2.24	-94.3	46.9
440	110	-2.26	-94.9	33.6
441	170	-1.07	-45.0	34.7
442	110	-2.25	-94.4	28.4
443	270	-1.01	-42.6	35.5
444	270	-.99	-41.5	40.7
445	210	1.38	-37.9	57.8
446	210	1.24	-40.9	52.0
447	70	-1.24	-52.0	47.3
448	80	-1.22	-51.1	48.0
449	70	-1.66	-69.6	40.7
450	170	-1.69	-71.2	36.6
451	100	-2.10	-88.1	29.2
452	70	-1.19	-50.2	35.0
453	110	-2.18	-91.5	21.1
454	80	-1.26	-53.0	32.6
455	80	-1.30	-54.5	35.4
456	200	1.01	-41.1	42.3
457	70	-1.12	-47.2	39.0
458	60	-1.16	-48.7	36.0
459	60	-1.19	-49.9	38.8
460	160	-1.78	-74.7	38.3
461	130	-1.81	-75.9	27.1
462	130	-1.91	-80.3	21.7
463	60	-1.26	-53.1	34.8
464	110	-2.10	-88.1	20.2
465	70	-1.67	-70.1	26.4
466	80	-1.79	-75.0	34.3
467	80	-1.12	-46.9	37.6
468	70	-1.38	-57.9	42.6
469	80	-1.10	-46.0	35.6
470	80	-1.43	-60.1	27.2
471	60	-1.42	-59.8	41.1
472	110	-1.87	-78.6	41.4
473	100	-1.67	-70.3	34.2
501	110	-1.91	-80.0	45.2
502	120	-1.93	-81.0	45.5
503	120	-1.98	-83.1	53.5
504	120	-2.18	-91.6	52.0
505	120	-2.02	-84.6	51.7
506	120	-2.37	-99.5	53.2
507	120	-1.88	-79.1	51.2
508	160	-1.83	-76.8	32.2
509	70	-2.00	-84.0	54.1
510	150	-1.96	-82.2	55.4
511	120	-2.41	-101.1	39.6
512	150	-1.66	-69.8	30.3
513	60	-2.15	-90.2	53.1
514	200	-2.14	-89.7	56.3
515	80	-1.59	-66.9	45.0
516	120	-2.38	-100.0	65.6
517	180	-2.38	-99.9	59.2
518	140	-1.44	-60.3	58.3
519	270	1.55	-65.0	65.2
520	290	-2.04	-85.7	31.9
521	160	-1.97	-82.8	49.8
522	170	-2.37	-99.3	56.2
523	170	-1.54	-64.8	49.6
524	330	-2.56	-107.6	55.2
525	170	-2.19	-92.2	52.9
526	170	-1.74	-73.2	57.1
527	120	-1.80	-75.6	51.1
528	170	-3.23	-135.5	60.8
529	110	-1.66	-69.6	43.0
530	270	-1.65	-69.1	29.9
531	10	-1.73	-72.7	21.0
532	200	-2.16	-90.9	48.5
533	50	-2.10	-88.3	47.4
534	270	-1.81	-76.9	31.1
535	0	-1.67	-70.0	15.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.6 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
536	50	-2.28	-95.9	34.1
537	40	-1.61	-67.7	40.5
538	170	-1.42	-59.7	19.4
539	170	-1.67	-70.2	43.2
540	170	-1.59	-66.7	49.0
541	40	-2.15	-90.3	44.3
542	40	-1.78	-74.9	45.5
543	50	-2.16	-90.6	18.4
544	50	-1.81	-75.9	49.4
545	330	-1.48	-62.3	54.7
546	180	-1.68	-70.4	49.6
547	180	-1.61	-67.7	51.1
548	200	-2.19	-91.9	45.4
549	180	-1.84	-77.4	57.3
550	170	-2.01	-84.4	43.9
551	210	-2.10	-88.2	46.2
552	180	-1.73	-72.5	39.2
553	270	-1.58	-66.5	13.3
554	260	-1.86	-78.3	13.8
555	50	-2.17	-91.3	50.9
556	50	-1.65	-69.3	42.6
557	160	-1.44	-60.3	32.1
558	250	-1.66	-69.9	17.1
559	20	-1.29	-54.3	34.6
560	200	-1.61	-67.4	33.1
561	200	-1.71	-71.8	36.0
562	170	-1.76	-73.8	40.4
563	170	-1.88	-78.9	35.0
564	50	-1.48	-62.0	44.2
565	50	-1.70	-71.2	37.8
566	40	-1.41	-59.3	14.0
567	250	-1.66	-69.7	24.4
568	190	-1.90	-79.8	41.2
569	60	-1.99	-83.6	16.8
570	20	-1.63	-68.4	29.0
571	20	-1.71	-71.7	36.2
572	0	-1.68	-70.6	44.3
573	0	-1.33	-55.7	44.2
574	200	-1.54	-64.8	40.4
575	200	-2.09	-87.7	38.9
576	210	-1.47	-61.9	29.9
577	10	-1.61	-67.6	46.5
578	270	-1.64	-69.1	19.4
579	0	-1.67	-70.3	24.3
580	190	-1.81	-76.1	36.7
581	10	-1.23	-51.8	34.5
582	20	-1.04	-43.8	31.2
583	50	-1.22	-51.0	21.5
584	60	-1.35	-56.5	18.1
585	20	-1.50	-63.1	23.3
586	20	-1.49	-62.5	27.5
587	20	-1.14	-48.0	27.2
588	150	-1.32	-55.4	34.8
589	150	-1.21	-50.9	36.5
590	150	-1.38	-58.1	32.3
591	310	-1.30	-54.6	31.9
592	60	-1.05	-44.3	24.4
593	60	-1.00	-41.9	21.0
594	60	-.96	-40.1	20.9
595	320	-.95	-40.0	20.4
596	40	-1.08	-45.4	21.0
597	40	-2.23	-93.6	22.2
598	40	-1.39	-58.3	23.2
599	150	-1.41	-59.2	26.9
600	160	-1.23	-51.8	32.6
601	160	-1.30	-54.5	30.7
602	300	-1.30	-54.5	27.7
603	70	-.94	-39.4	22.0
604	60	-.79	-33.1	21.7
605	60	-.74	-31.1	21.4
606	320	-.74	-31.2	21.2
607	160	-.89	-37.5	21.2
608	140	-.85	-35.5	24.0
609	140	-.77	-32.5	26.3
610	160	-.98	-41.1	27.6
611	160	-1.46	-61.3	32.2
612	160	-1.43	-60.2	30.4
613	160	-1.18	-49.8	26.3
701	20	1.18	-40.5	49.5
702	150	-1.32	-55.5	36.9
703	170	-1.53	-64.4	35.8
704	60	-1.50	-63.0	44.8
705	130	-3.01	-126.4	64.9
706	120	-3.20	-134.4	54.7
707	170	-2.43	-101.9	40.0
708	130	-1.67	-70.0	39.6
709	170	-1.45	-60.7	34.6
710	110	-1.55	-65.1	45.1
711	80	1.75	-68.8	73.5
712	160	-2.87	-120.7	56.1
713	150	-1.50	-62.9	60.5
714	120	-1.76	-74.0	35.9
715	80	-2.24	-93.9	41.7
716	120	-2.71	-113.7	29.8
717	70	-2.29	-96.0	24.6
718	70	-2.18	-91.6	27.4
719	120	-1.75	-73.5	36.5
720	110	-2.39	-100.3	28.3
721	120	-1.76	-73.8	25.3
722	140	-2.17	-91.0	25.0
723	120	-1.72	-72.4	37.8
724	120	-2.45	-102.9	42.4
725	220	-2.29	-96.0	55.8
726	120	-3.04	-127.7	24.9
727	220	-2.66	-111.7	36.1
728	110	-2.50	-105.0	37.6
801	180	.95	-30.4	39.8
802	100	-1.01	-42.4	40.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
528	170	-3.23	-135.5	60.8
706	120	-3.20	-134.4	54.7
726	120	-3.04	-127.7	24.9
705	130	-3.01	-126.4	64.9
240	110	-2.91	-122.4	63.5
224	100	-2.91	-122.2	65.9
712	160	-2.87	-120.7	56.1
225	130	-2.87	-120.5	41.0
221	120	-2.82	-118.5	42.9
229	110	-2.80	-117.5	46.7
215	120	-2.80	-117.5	43.7
226	120	-2.76	-115.8	38.7
243	90	-2.76	-115.8	55.5
223	100	-2.73	-114.7	57.7
289	110	-2.71	-113.8	47.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.6 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
221	124	-2.90	-121.9	50.3	240	120	-3.04	-127.6	56.7	706	122	-3.22	-135.3	43.4
224	120	-3.19	-134.0	65.4	528	174	-3.07	-129.0	21.8	712	164	-2.89	-121.6	48.3
225	118	-3.00	-125.9	45.3	705	118	-3.16	-132.8	60.3	726	118	-3.01	-126.5	28.7

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : 1415 LOUISIANA TOWER, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 9 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
706	122	-3.22	-135.3	43.4
224	120	-3.19	-134.0	65.4
705	118	-3.16	-132.8	60.3
528	174	-3.07	-129.0	21.8
240	120	-3.04	-127.6	56.7
726	118	-3.01	-126.5	28.7
225	118	-3.00	-125.9	45.3
221	124	-2.90	-121.9	50.3
712	164	-2.89	-121.6	48.3

TABLE 8B. COMPARISON OF CONFIGURATIONS A AND B : 1415 LOUISIANA TOWER, HOUSTON
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 42.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG. PSF LOAD
224	100	-122.2	120	-134.0
225	130	-120.5	118	-125.9
240	110	-122.4	120	-127.6
705	130	-126.4	118	-132.8

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : 1415 LOUISIANA TOWER, HOUSTON
CONFIGURATION A REFERENCE PRESSURE 42.0 GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-1950.7	161.2	-21.8	-549.8	68.0	5	-31
10	-1594.9	154.1	-31.3	-403.5	59.0	7	-33
20	-1548.4	333.4	-95.2	-376.4	35.5	9	-20
30	-1859.2	638.8	-199.9	-539.8	2.5	11	-1
40	-2499.2	1231.2	-416.5	-795.6	-24.5	17	7
50	-3335.5	1628.7	-520.6	-1063.2	-41.3	19	9
60	-3607.7	1600.0	-487.4	-1116.9	-52.3	10	11
70	-3735.3	1250.3	-377.5	-1115.4	-49.3	7	11
80	-3458.1	940.4	-282.8	-1065.0	-54.9	8	13
90	-2267.7	502.8	-140.5	-684.7	-47.1	8	18
100	-1922.3	46.8	17.4	-541.7	-35.4	1	17
110	-1019.7	-443.8	187.2	-256.8	6.5	0	-0
120	330.4	-270.7	143.3	226.6	20.5	7	33
130	768.9	154.3	4.3	421.5	17.6	8	20
140	850.1	610.2	-167.4	388.4	-2.7	3	-22
150	879.4	872.2	-240.0	384.6	-4.0	4	-21
160	299.8	1331.0	-353.9	227.1	-7.3	10	-19
170	541.4	1355.5	-432.7	296.2	-2.0	2	-9
180	626.8	970.8	-304.6	264.9	9.3	4	4
190	1109.1	302.8	-81.8	396.3	22.3	9	17
200	2219.1	-269.1	37.8	753.6	38.9	4	16
210	3206.6	-396.7	47.5	1066.9	74.4	5	21
220	2860.2	-236.5	13.1	973.0	69.4	4	23
230	1967.7	-599.1	139.7	696.6	30.2	8	13
240	1804.4	-679.5	172.2	655.0	13.5	5	6
250	1278.4	-650.9	145.6	477.6	6.2	4	3
260	1110.7	-966.7	288.2	437.9	-11.0	9	-5
270	1335.5	-926.7	300.8	573.1	-13.0	9	-6
280	935.3	-445.9	186.6	410.4	-6.0	9	-0
290	450.9	-15.8	50.1	217.3	6.9	1	14
300	237.1	277.1	-48.8	154.5	8.3	33	13
310	-198.0	555.8	-134.5	21.2	14.8	44	-8
320	-882.7	375.1	-71.1	-213.7	16.5	13	-14
330	-1083.1	84.5	17.9	-299.8	29.9	4	-25
340	-1032.4	96.2	-5.0	-247.8	18.7	3	-16
350	-1793.5	160.5	-18.7	-500.5	47.7	4	-24

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1950.7	161.2	-21.8	-549.8	68.0
2ND	20.00	-61.1	15.3	2962	2264	-20.6	6.7	7	-14	-1889.7	145.9	-18.7	-511.4	67.0
3RD	30.00	-32.5	4.6	1556	1262	-20.9	3.6	2	-8	-1857.2	141.4	-17.2	-492.7	66.7
4TH	40.00	-33.1	3.8	1556	1262	-21.2	3.0	2	-8	-1824.1	137.6	-15.9	-474.3	66.4
5TH	50.00	-33.6	3.0	1556	1262	-21.6	2.4	1	-8	-1790.5	134.6	-14.5	-456.2	66.1
6TH	60.00	-34.2	2.3	1556	1262	-22.0	1.8	1	-8	-1756.3	132.3	-13.2	-438.5	65.8
7TH	70.00	-34.8	1.6	1556	1262	-22.3	1.3	1	-8	-1721.5	130.7	-11.8	-421.1	65.5
8TH	80.00	-35.2	2.9	1556	1262	-22.6	2.3	2	-10	-1686.3	127.8	-10.5	-404.1	65.2
9TH	90.00	-35.6	4.4	1556	1262	-22.9	3.5	3	-12	-1650.8	123.3	-9.3	-387.4	64.7
10TH	100.00	-36.0	6.0	1556	1262	-23.1	4.7	5	-14	-1614.8	117.4	-8.1	-371.0	64.1
11TH	110.00	-36.4	7.5	1556	1262	-23.4	6.0	7	-16	-1578.4	109.8	-7.0	-355.1	63.4
12TH	120.00	-36.8	9.0	1556	1262	-23.6	7.2	9	-17	-1541.7	100.8	-5.9	-339.5	62.7
13TH	130.00	-37.4	10.6	1556	1262	-24.0	8.4	11	-18	-1504.3	90.2	-4.9	-324.2	61.9
14TH	156.00	-88.7	11.0	5822	2758	-15.2	4.0	12	-45	-1415.6	79.2	-2.7	-286.3	57.4
15TH	169.00	-46.8	5.9	2911	1379	-16.1	4.3	12	-45	-1368.8	73.3	-1.8	-268.2	55.1
16TH	182.00	-48.5	6.1	2911	1379	-16.7	4.4	12	-45	-1320.3	67.2	-.8	-250.7	52.6
17TH	195.00	-48.7	5.3	2911	1379	-16.7	3.9	10	-45	-1271.6	61.8	-.0	-233.9	50.2
18TH	208.00	-48.1	4.4	2911	1379	-16.5	3.2	8	-43	-1223.5	57.4	.8	-217.6	47.8
19TH	221.00	-47.5	3.6	2911	1379	-16.3	2.6	7	-42	-1176.0	53.8	1.5	-202.0	45.6
20TH	234.00	-47.0	2.7	2911	1379	-16.1	1.9	5	-40	-1129.0	51.2	2.2	-187.1	43.5
21ST	247.00	-46.8	2.6	2911	1379	-16.1	1.9	5	-40	-1082.2	48.6	2.8	-172.7	41.4
22ND	260.00	-46.9	3.1	2911	1379	-16.1	2.2	6	-41	-1035.4	45.5	3.4	-158.9	39.3
23RD	273.00	-46.9	3.6	2911	1379	-16.1	2.6	7	-42	-988.4	41.9	4.0	-145.8	37.1
24TH	286.00	-47.0	4.2	2911	1379	-16.2	3.0	8	-43	-941.4	37.7	4.5	-133.2	34.9
25TH	299.00	-46.9	4.6	2911	1379	-16.1	3.3	9	-43	-894.6	33.2	5.0	-121.3	32.6
		-45.7	4.9	2911	1379	-15.7	3.5	9	-42					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-848.8	28.3	5.4	-110.0	30.5
27TH	325.00	-44.6	5.1	2911	1379	-15.3	3.7	10	-41	-804.3	23.1	5.7	-99.2	28.4
28TH	338.00	-43.4	5.4	2911	1379	-14.9	3.9	11	-40	-760.9	17.7	6.0	-89.0	26.4
29TH	351.00	-42.3	5.6	2911	1379	-14.5	4.0	11	-39	-718.6	12.1	6.2	-79.4	24.6
30TH	364.00	-41.1	8.1	2911	1379	-14.1	5.9	19	-47	-677.5	4.0	6.3	-70.3	22.4
31ST	377.00	-42.1	7.9	2911	1379	-14.5	5.8	18	-46	-635.4	-3.9	6.3	-61.8	20.1
32ND	390.00	-43.1	7.8	2911	1379	-14.8	5.6	17	-46	-592.3	-11.7	6.2	-53.8	17.9
33RD	403.00	-44.2	7.6	2911	1379	-15.2	5.5	16	-45	-548.1	-19.3	6.0	-46.4	15.6
34TH	416.00	-44.8	7.4	2911	1379	-15.4	5.4	15	-45	-503.4	-26.7	5.7	-39.6	13.3
35TH	429.00	-44.9	7.2	2911	1379	-15.4	5.2	15	-45	-458.4	-33.9	5.3	-33.3	11.1
36TH	442.00	-45.1	7.0	2911	1379	-15.5	5.1	15	-45	-413.4	-41.0	4.8	-27.7	8.8
37TH	455.00	-45.2	6.9	2911	1379	-15.5	5.0	14	-44	-368.1	-47.8	4.2	-22.6	6.5
38TH	468.00	-45.4	6.7	2911	1379	-15.6	4.8	14	-44	-322.8	-54.5	3.6	-18.1	4.2
39TH	481.00	-32.7	-3.2	2584	958	-12.6	-3.3	-5	-23	-290.1	-51.3	2.9	-14.1	3.4
40TH	494.00	-35.8	-4.3	2557	923	-14.0	-4.7	-6	-23	-254.3	-47.0	2.2	-10.6	2.5
41ST	507.00	-40.1	-6.3	2557	923	-15.7	-6.8	-8	-24	-214.1	-40.7	1.7	-7.5	1.4
42ND	520.00	-42.7	-6.3	2557	923	-16.7	-6.9	-7	-22	-171.4	-34.4	1.2	-5.0	.3
43RD	533.00	-44.8	-5.8	2557	923	-17.5	-6.3	-5	-19	-126.6	-28.6	.8	-3.1	-.6
44TH	546.00	-46.9	-5.4	2557	923	-18.3	-5.8	-4	-16	-79.7	-23.2	.4	-1.7	-1.4
45TH	562.00	-30.6	-12.6	2027	1136	-15.1	-11.1	10	12	-49.2	-10.7	.2	-.7	-1.0
TOP	591.00	-49.2	-10.7	3673	2059	-13.4	-5.2	8	17	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1594.9	154.1	-31.3	-403.5	59.0
2ND	20.00	-59.8	12.7	2962	2264	-20.2	5.6	5	-10	-1535.1	141.3	-28.4	-372.2	58.3
3RD	30.00	-31.7	3.6	1556	1262	-20.4	2.8	1	-5	-1503.4	137.8	-27.0	-357.0	58.1
4TH	40.00	-32.0	3.3	1556	1262	-20.5	2.6	1	-5	-1471.5	134.5	-25.6	-342.1	58.0
5TH	50.00	-32.2	3.0	1556	1262	-20.7	2.4	1	-6	-1439.2	131.5	-24.3	-327.5	57.8
6TH	60.00	-32.5	2.7	1556	1262	-20.9	2.1	1	-6	-1406.7	128.9	-23.0	-313.3	57.5
7TH	70.00	-32.8	2.4	1556	1262	-21.1	1.9	1	-7	-1373.9	126.4	-21.7	-299.4	57.3
8TH	80.00	-32.9	3.4	1556	1262	-21.2	2.7	2	-9	-1341.0	123.0	-20.5	-285.8	56.9
9TH	90.00	-33.0	4.6	1556	1262	-21.2	3.7	3	-11	-1307.9	118.4	-19.3	-272.6	56.5
10TH	100.00	-33.1	5.8	1556	1262	-21.3	4.6	5	-14	-1274.8	112.6	-18.1	-259.7	56.0
11TH	110.00	-33.2	7.0	1556	1262	-21.3	5.5	7	-16	-1241.6	105.6	-17.0	-247.1	55.4
12TH	120.00	-33.3	8.2	1556	1262	-21.4	6.5	9	-18	-1208.3	97.4	-16.0	-234.8	54.7
13TH	130.00	-33.3	9.1	1556	1262	-21.4	7.2	11	-20	-1175.1	88.3	-15.1	-222.9	53.9
14TH	156.00	-79.0	5.6	5822	2758	-13.6	2.0	7	-49	-1096.0	82.7	-12.9	-193.4	49.5
15TH	169.00	-42.9	3.2	2911	1379	-14.7	2.3	8	-50	-1053.1	79.5	-11.8	-179.4	47.2
16TH	182.00	-45.2	3.5	2911	1379	-15.5	2.5	8	-50	-1007.9	76.0	-10.8	-166.0	44.7
17TH	195.00	-45.8	3.2	2911	1379	-15.8	2.3	7	-49	-962.1	72.8	-9.8	-153.2	42.2
18TH	208.00	-45.7	2.8	2911	1379	-15.7	2.1	6	-47	-916.4	70.0	-8.9	-141.0	39.8
19TH	221.00	-45.5	2.5	2911	1379	-15.6	1.8	5	-45	-870.9	67.5	-8.0	-129.4	37.5
20TH	234.00	-45.3	2.2	2911	1379	-15.6	1.6	4	-44	-825.6	65.3	-7.1	-118.4	35.3
21ST	247.00	-44.9	2.3	2911	1379	-15.4	1.6	5	-43	-780.7	63.1	-6.3	-107.9	33.2
22ND	260.00	-44.6	2.7	2911	1379	-15.3	2.0	6	-44	-736.1	60.4	-5.5	-98.1	31.0
23RD	273.00	-44.2	3.1	2911	1379	-15.2	2.3	7	-46	-691.9	57.2	-4.7	-88.8	28.7
24TH	286.00	-43.8	3.6	2911	1379	-15.1	2.6	8	-47	-648.1	53.6	-4.0	-80.1	26.4
25TH	299.00	-43.2	3.8	2911	1379	-14.8	2.8	9	-47	-604.9	49.8	-3.4	-71.9	24.2
		-41.5	3.8	2911	1379	-14.2	2.8	9	-47					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-563.4	46.0	-2.7	-64.4	22.0
		-39.7	3.8	2911	1379	-13.6	2.7	9	-46					
27TH	325.00									-523.7	42.2	-2.2	-57.3	19.9
		-38.0	3.8	2911	1379	-13.0	2.7	10	-46					
28TH	338.00									-485.7	38.5	-1.6	-50.7	18.0
		-36.2	3.5	2911	1379	-12.4	2.6	9	-46					
29TH	351.00									-449.6	34.9	-1.2	-44.6	16.1
		-32.5	4.6	2911	1379	-11.2	3.4	16	-55					
30TH	364.00									-417.1	30.3	-.7	-39.0	14.1
		-32.7	4.6	2911	1379	-11.2	3.3	15	-53					
31ST	377.00									-384.4	25.7	-.4	-33.8	12.2
		-32.9	4.5	2911	1379	-11.3	3.3	15	-51					
32ND	390.00									-351.5	21.2	-.1	-29.0	10.3
		-33.0	4.4	2911	1379	-11.3	3.2	14	-49					
33RD	403.00									-318.5	16.8	.2	-24.7	8.4
		-32.6	4.5	2911	1379	-11.2	3.2	14	-48					
34TH	416.00									-285.9	12.3	.4	-20.7	6.7
		-31.4	4.6	2911	1379	-10.8	3.3	14	-46					
35TH	429.00									-254.5	7.8	.5	-17.2	5.1
		-30.2	4.7	2911	1379	-10.4	3.4	14	-44					
36TH	442.00									-224.3	3.1	.6	-14.1	3.5
		-29.1	4.8	2911	1379	-10.0	3.5	15	-42					
37TH	455.00									-195.2	-1.8	.6	-11.4	2.1
		-27.9	5.0	2911	1379	-9.6	3.6	15	-40					
38TH	468.00									-167.3	-6.7	.5	-9.0	.9
		-15.9	.5	2584	958	-6.2	.5	1	-11					
39TH	481.00									-151.4	-7.2	.4	-7.0	.7
		-18.6	.1	2557	923	-7.3	.1	0	-12					
40TH	494.00									-132.8	-7.3	.3	-5.1	.4
		-23.3	-1.4	2557	923	-9.1	-1.5	-2	-17					
41ST	507.00									-109.4	-5.9	.3	-3.5	-.0
		-24.7	-1.3	2557	923	-9.7	-1.4	-2	-16					
42ND	520.00									-84.7	-4.6	.2	-2.3	-.5
		-25.0	-.7	2557	923	-9.8	-.8	-1	-13					
43RD	533.00									-59.7	-3.9	.1	-1.3	-.8
		-25.4	-.2	2557	923	-9.9	-.2	-0	-10					
44TH	546.00									-34.3	-3.7	.1	-.7	-1.1
		-14.6	-1.1	2027	1136	-7.2	-1.0	5	29					
45TH	562.00									-19.8	-2.6	.0	-.3	-.6
		-19.8	-2.6	3673	2059	-5.4	-1.2	8	28					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-58.7	13.2	2962	2264	-19.8	5.8	5	-10	-1548.4	333.4	-95.2	-376.4	35.5
2ND	20.00	-31.8	4.0	1556	1262	-20.4	3.2	1	-3	-1489.7	320.2	-88.7	-346.0	34.9
3RD	30.00	-32.4	3.9	1556	1262	-20.8	3.1	1	-3	-1457.9	316.2	-85.5	-331.3	34.8
4TH	40.00	-33.0	3.9	1556	1262	-21.2	3.1	1	-3	-1425.5	312.3	-82.3	-316.9	34.7
5TH	50.00	-33.7	3.8	1556	1262	-21.7	3.0	1	-3	-1392.5	308.4	-79.2	-302.8	34.6
6TH	60.00	-34.3	3.8	1556	1262	-22.1	3.0	1	-3	-1358.8	304.6	-76.2	-289.0	34.5
7TH	70.00	-34.7	4.9	1556	1262	-22.3	3.9	2	-5	-1324.5	300.8	-73.1	-275.6	34.4
8TH	80.00	-35.1	6.2	1556	1262	-22.5	4.9	3	-8	-1289.7	295.8	-70.2	-262.5	34.1
9TH	90.00	-35.4	7.4	1556	1262	-22.8	5.8	5	-10	-1254.7	289.7	-67.2	-249.8	33.8
10TH	100.00	-35.8	8.6	1556	1262	-23.0	6.8	6	-13	-1219.2	282.3	-64.4	-237.4	33.4
11TH	110.00	-36.1	9.8	1556	1262	-23.2	7.8	9	-15	-1183.5	273.7	-61.6	-225.4	32.9
12TH	120.00	-36.7	11.1	1556	1262	-23.6	8.8	11	-17	-1147.4	263.9	-58.9	-213.8	32.2
13TH	130.00	-88.0	15.4	5822	2758	-15.1	5.6	13	-36	-1110.7	252.8	-56.3	-202.5	31.5
14TH	156.00	-46.0	7.3	2911	1379	-15.8	5.3	13	-38	-1022.7	237.4	-49.9	-174.7	27.9
15TH	169.00	-47.3	7.0	2911	1379	-16.3	5.1	12	-40	-976.7	230.2	-46.9	-161.7	25.9
16TH	182.00	-47.3	6.6	2911	1379	-16.2	4.8	12	-40	-929.4	223.2	-44.0	-149.4	23.7
17TH	195.00	-46.5	6.1	2911	1379	-16.0	4.4	11	-39	-882.1	216.6	-41.1	-137.6	21.6
18TH	208.00	-45.7	5.7	2911	1379	-15.7	4.1	10	-39	-835.6	210.5	-38.3	-126.4	19.5
19TH	221.00	-45.0	5.3	2911	1379	-15.5	3.8	9	-38	-789.8	204.8	-35.6	-115.9	17.5
20TH	234.00	-43.9	5.2	2911	1379	-15.1	3.8	10	-38	-744.8	199.5	-33.0	-105.9	15.6
21ST	247.00	-42.6	5.5	2911	1379	-14.6	4.0	11	-39	-700.9	194.3	-30.4	-96.5	13.7
22ND	260.00	-41.2	5.8	2911	1379	-14.2	4.2	12	-40	-658.3	188.7	-27.9	-87.6	11.9
23RD	273.00	-39.8	6.1	2911	1379	-13.7	4.5	13	-41	-617.1	182.9	-25.5	-79.4	10.0
24TH	286.00	-38.4	6.6	2911	1379	-13.2	4.8	15	-42	-577.3	176.7	-23.2	-71.6	8.1
25TH	299.00	-36.9	7.2	2911	1379	-12.7	5.3	16	-39	-538.9	170.1	-20.9	-64.3	6.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-501.9	162.9	-18.8	-57.6	4.6
27TH	325.00	-35.4	7.9	2911	1379	-12.2	5.7	17	-37	-466.5	155.0	-16.7	-51.3	3.1
28TH	338.00	-33.9	8.5	2911	1379	-11.7	6.2	18	-34	-432.6	146.5	-14.7	-45.4	1.8
29TH	351.00	-32.4	9.1	2911	1379	-11.1	6.6	18	-31	-400.2	137.4	-12.9	-40.0	.5
30TH	364.00	-30.7	11.8	2911	1379	-10.5	8.6	24	-30	-369.5	125.5	-11.2	-35.0	-.6
31ST	377.00	-30.2	11.5	2911	1379	-10.4	8.3	22	-27	-339.3	114.0	-9.6	-30.4	-1.7
32ND	390.00	-29.7	11.1	2911	1379	-10.2	8.1	19	-24	-309.7	102.9	-8.2	-26.2	-2.6
33RD	403.00	-29.2	10.8	2911	1379	-10.0	7.8	17	-22	-280.5	92.1	-7.0	-22.4	-3.4
34TH	416.00	-28.4	10.4	2911	1379	-9.8	7.6	14	-19	-252.1	81.6	-5.8	-18.9	-4.0
35TH	429.00	-27.2	10.1	2911	1379	-9.4	7.3	12	-16	-224.8	71.5	-4.8	-15.8	-4.6
36TH	442.00	-26.1	9.8	2911	1379	-9.0	7.1	10	-13	-198.8	61.8	-4.0	-13.0	-5.0
37TH	455.00	-24.9	9.4	2911	1379	-8.5	6.9	7	-9	-173.9	52.3	-3.2	-10.6	-5.3
38TH	468.00	-23.7	9.1	2911	1379	-8.1	6.6	5	-6	-150.2	43.2	-2.6	-8.5	-5.5
39TH	481.00	-17.4	4.3	2584	958	-6.7	4.5	-12	22	-132.8	38.9	-2.1	-6.7	-5.0
40TH	494.00	-16.8	4.5	2557	923	-6.6	4.9	-16	28	-115.9	34.3	-1.6	-5.1	-4.4
41ST	507.00	-17.9	4.6	2557	923	-7.0	5.0	-13	25	-98.0	29.8	-1.2	-3.7	-3.9
42ND	520.00	-18.4	4.7	2557	923	-7.2	5.1	-13	24	-79.6	25.1	-.8	-2.5	-3.4
43RD	533.00	-18.7	4.8	2557	923	-7.3	5.2	-13	25	-60.8	20.3	-.5	-1.6	-2.8
44TH	546.00	-19.0	4.9	2557	923	-7.4	5.4	-14	25	-41.8	15.3	-.3	-.9	-2.3
45TH	562.00	-15.2	7.6	2027	1136	-7.5	6.7	-45	43	-26.6	7.7	-.1	-.4	-1.4
TOP	591.00	-26.6	7.7	3673	2059	-7.2	3.8	-26	43	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1859.2	638.8	-199.9	-539.8	2.7
2ND	20.00	-58.8	15.9	2962	2264	-19.9	7.0	5	-9	-1800.3	622.9	-187.3	-503.2	2.1
3RD	30.00	-31.3	6.1	1556	1262	-20.1	4.9	2	-5	-1769.1	616.7	-181.1	-485.3	2.0
4TH	40.00	-31.9	6.0	1556	1262	-20.5	4.7	2	-5	-1737.1	610.8	-175.0	-467.8	1.8
5TH	50.00	-32.6	5.8	1556	1262	-20.9	4.6	2	-5	-1704.5	605.0	-168.9	-450.6	1.6
6TH	60.00	-33.2	5.6	1556	1262	-21.4	4.5	2	-5	-1671.3	599.3	-162.9	-433.7	1.4
7TH	70.00	-33.9	5.6	1556	1262	-21.8	4.4	2	-5	-1637.4	593.8	-156.9	-417.2	1.2
8TH	80.00	-34.6	6.5	1556	1262	-22.2	5.1	3	-7	-1602.9	587.3	-151.0	-401.0	.9
9TH	90.00	-35.2	7.5	1556	1262	-22.6	5.9	4	-8	-1567.7	579.8	-145.1	-385.1	.6
10TH	100.00	-35.8	8.5	1556	1262	-23.0	6.7	5	-9	-1531.9	571.3	-139.4	-369.6	.2
11TH	110.00	-36.4	9.5	1556	1262	-23.4	7.6	6	-10	-1495.5	561.8	-133.7	-354.5	-.2
12TH	120.00	-37.0	10.6	1556	1262	-23.8	8.4	7	-12	-1458.4	551.2	-128.2	-339.7	-.7
13TH	130.00	-37.7	11.5	1556	1262	-24.2	9.1	8	-13	-1420.7	539.7	-122.7	-325.3	-1.3
14TH	156.00	-78.7	24.2	5822	2758	-13.5	8.8	11	-17	-1342.1	515.5	-109.0	-289.4	-3.0
15TH	169.00	-40.4	12.1	2911	1379	-13.9	8.8	12	-19	-1301.6	503.4	-102.4	-272.2	-3.9
16TH	182.00	-41.2	12.1	2911	1379	-14.2	8.8	12	-20	-1260.4	491.4	-95.9	-255.6	-4.8
17TH	195.00	-41.5	12.7	2911	1379	-14.2	9.2	12	-19	-1219.0	478.7	-89.6	-239.4	-5.8
18TH	208.00	-41.5	13.3	2911	1379	-14.3	9.6	11	-17	-1177.5	465.4	-83.5	-223.9	-6.6
19TH	221.00	-41.5	14.0	2911	1379	-14.3	10.1	11	-15	-1136.0	451.4	-77.5	-208.8	-7.4
20TH	234.00	-41.5	14.6	2911	1379	-14.3	10.6	10	-13	-1094.5	436.8	-71.7	-194.3	-8.1
21ST	247.00	-41.2	15.0	2911	1379	-14.2	10.9	9	-12	-1053.2	421.8	-66.1	-180.4	-8.7
22ND	260.00	-40.1	15.2	2911	1379	-13.8	11.1	10	-12	-1013.1	406.6	-60.8	-166.9	-9.3
23RD	273.00	-39.0	15.5	2911	1379	-13.4	11.2	10	-12	-974.2	391.1	-55.6	-154.0	-9.9
24TH	286.00	-37.8	15.7	2911	1379	-13.0	11.4	10	-12	-936.3	375.4	-50.6	-141.6	-10.5
25TH	299.00	-36.7	15.8	2911	1379	-12.6	11.5	10	-11	-899.7	359.6	-45.8	-129.7	-11.0
		-35.2	15.9	2911	1379	-12.1	11.5	9	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										-864.5	343.7	-41.2	-118.2	-11.5
26TH	312.00	-33.8	15.9	2911	1379	-11.6	11.5	9	-9	-830.7	327.9	-36.9	-107.2	-11.9
27TH	325.00	-32.3	15.9	2911	1379	-11.1	11.5	8	-7	-798.3	311.9	-32.7	-96.6	-12.2
28TH	338.00	-31.1	16.0	2911	1379	-10.7	11.6	6	-6	-767.2	295.9	-28.8	-86.4	-12.5
29TH	351.00	-41.3	19.8	2911	1379	-14.2	14.4	-0	0	-725.9	276.1	-25.0	-76.7	-12.5
30TH	364.00	-42.9	20.6	2911	1379	-14.7	14.9	-1	1	-683.0	255.5	-21.6	-67.5	-12.4
31ST	377.00	-44.5	21.3	2911	1379	-15.3	15.5	-1	1	-638.5	234.2	-18.4	-59.0	-12.4
32ND	390.00	-46.0	22.1	2911	1379	-15.8	16.0	-1	1	-592.5	212.1	-15.5	-51.0	-12.3
33RD	403.00	-46.9	22.6	2911	1379	-16.1	16.4	-1	1	-545.6	189.5	-12.9	-43.6	-12.2
34TH	416.00	-47.0	22.8	2911	1379	-16.1	16.5	-1	1	-498.6	166.7	-10.6	-36.8	-12.1
35TH	429.00	-47.1	23.0	2911	1379	-16.2	16.7	-1	1	-451.5	143.7	-8.6	-30.6	-12.0
36TH	442.00	-47.2	23.2	2911	1379	-16.2	16.8	-1	1	-404.3	120.5	-6.8	-25.0	-12.0
37TH	455.00	-47.3	23.4	2911	1379	-16.2	17.0	-1	1	-357.1	97.1	-5.4	-20.1	-11.9
38TH	468.00	-43.1	12.0	2584	958	-16.7	12.6	-12	20	-314.0	85.0	-4.2	-15.7	-10.8
39TH	481.00	-41.4	11.3	2557	923	-16.2	12.3	-14	24	-272.6	73.7	-3.2	-11.9	-9.6
40TH	494.00	-42.3	11.7	2557	923	-16.5	12.6	-13	22	-230.3	62.1	-2.3	-8.6	-8.5
41ST	507.00	-43.1	11.6	2557	923	-16.9	12.6	-12	22	-187.2	50.5	-1.6	-5.9	-7.4
42ND	520.00	-43.8	11.4	2557	923	-17.1	12.3	-12	22	-143.4	39.1	-1.0	-3.8	-6.2
43RD	533.00	-44.4	11.1	2557	923	-17.4	12.1	-12	23	-99.0	28.0	-.6	-2.2	-5.0
44TH	546.00	-36.1	12.0	2027	1136	-17.8	10.5	-30	44	-62.9	16.0	-.2	-.9	-3.1
45TH	562.00	-62.9	16.0	3673	2059	-17.1	7.8	-22	42	0.0	0.0	0.0	0.0	0.0
TOP	591.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-2499.2	1231.2	-416.5	-795.6	-24.5
2ND	20.00	-68.0	18.6	2962	2264	-23.0	8.2	3	-5	-2431.2	1212.6	-392.1	-746.3	-25.0
3RD	30.00	-36.1	7.6	1556	1262	-23.2	6.0	1	-3	-2395.1	1205.0	-380.0	-722.1	-25.1
4TH	40.00	-36.9	7.6	1556	1262	-23.7	6.0	2	-4	-2358.2	1197.4	-368.0	-698.4	-25.3
5TH	50.00	-37.6	7.7	1556	1262	-24.1	6.1	2	-5	-2320.7	1189.7	-356.1	-675.0	-25.5
6TH	60.00	-38.3	7.8	1556	1262	-24.6	6.1	2	-6	-2282.4	1181.9	-344.2	-652.0	-25.7
7TH	70.00	-39.0	7.9	1556	1262	-25.1	6.3	3	-7	-2243.4	1174.0	-332.4	-629.3	-26.1
8TH	80.00	-39.7	8.8	1556	1262	-25.5	7.0	4	-8	-2203.6	1165.2	-320.7	-607.1	-26.4
9TH	90.00	-40.5	9.9	1556	1262	-26.0	7.8	4	-9	-2163.2	1155.3	-309.1	-585.3	-26.8
10TH	100.00	-41.2	10.9	1556	1262	-26.5	8.6	5	-10	-2121.9	1144.4	-297.6	-563.8	-27.3
11TH	110.00	-42.0	11.9	1556	1262	-27.0	9.4	6	-10	-2079.9	1132.5	-286.2	-542.8	-27.8
12TH	120.00	-42.8	12.9	1556	1262	-27.5	10.2	7	-11	-2037.2	1119.6	-275.0	-522.2	-28.4
13TH	130.00	-43.5	13.8	1556	1262	-27.9	10.9	8	-12	-1993.7	1105.8	-263.9	-502.1	-29.0
14TH	156.00	-85.8	35.5	5822	2758	-14.7	12.9	1	-1	-1907.9	1070.3	-235.6	-451.4	-29.1
15TH	169.00	-43.5	20.6	2911	1379	-14.9	14.9	2	-2	-1864.4	1049.7	-221.8	-426.9	-29.2
16TH	182.00	-43.8	22.5	2911	1379	-15.1	16.3	3	-3	-1820.6	1027.2	-208.3	-402.9	-29.4
17TH	195.00	-44.2	23.8	2911	1379	-15.2	17.3	3	-3	-1776.4	1003.4	-195.1	-379.5	-29.6
18TH	208.00	-44.5	25.2	2911	1379	-15.3	18.3	2	-2	-1731.8	978.2	-182.2	-356.7	-29.7
19TH	221.00	-44.9	26.5	2911	1379	-15.4	19.3	1	-1	-1686.9	951.6	-169.7	-334.5	-29.8
20TH	234.00	-45.2	27.9	2911	1379	-15.5	20.2	1	-0	-1641.7	923.7	-157.5	-312.9	-29.8
21ST	247.00	-45.4	29.1	2911	1379	-15.6	21.1	0	-0	-1596.3	894.7	-145.7	-291.8	-29.8
22ND	260.00	-45.4	30.1	2911	1379	-15.6	21.8	0	-0	-1550.9	864.5	-134.2	-271.4	-29.8
23RD	273.00	-45.3	31.2	2911	1379	-15.6	22.6	1	-0	-1505.6	833.4	-123.2	-251.5	-29.9
24TH	286.00	-45.2	32.2	2911	1379	-15.5	3.4	1	-0	-1460.3	801.2	-112.6	-232.2	-29.9
25TH	299.00	-45.0	32.9	2911	1379	-15.4	3.8	1	-0	-1415.4	768.3	-102.4	-213.5	-29.9
		-43.8	33.1	2911	1379	-15.1	4.0	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										-1371.5	735.2	-92.6	-195.4	-29.9
26TH	312.00	-42.7	33.3	2911	1379	-14.7	24.1	-0	0	-1328.9	701.9	-83.2	-177.8	-29.9
27TH	325.00	-41.5	33.5	2911	1379	-14.3	24.3	-1	0	-1287.4	668.5	-74.3	-160.8	-29.9
28TH	338.00	-40.8	34.0	2911	1379	-14.0	24.7	-2	1	-1246.6	634.4	-65.9	-144.4	-29.8
29TH	351.00	-61.6	37.3	2911	1379	-21.2	27.0	-9	7	-1185.0	597.1	-57.9	-128.6	-29.2
30TH	364.00	-64.9	39.4	2911	1379	-22.3	28.6	-8	6	-1120.1	557.7	-50.4	-113.6	-28.5
31ST	377.00	-68.1	41.5	2911	1379	-23.4	30.1	-7	6	-1052.0	516.2	-43.4	-99.5	-27.9
32ND	390.00	-71.4	43.6	2911	1379	-24.5	31.6	-6	5	-980.6	472.6	-36.9	-86.3	-27.4
33RD	403.00	-73.3	45.2	2911	1379	-25.2	32.8	-6	5	-907.3	427.5	-31.1	-74.0	-26.9
34TH	416.00	-73.7	46.1	2911	1379	-25.3	33.4	-7	5	-833.6	381.3	-25.8	-62.7	-26.3
35TH	429.00	-74.1	47.0	2911	1379	-25.5	34.1	-7	5	-759.5	334.3	-21.2	-52.3	-25.7
36TH	442.00	-74.5	48.0	2911	1379	-25.6	34.8	-8	6	-685.0	286.3	-17.2	-42.9	-25.0
37TH	455.00	-74.9	48.9	2911	1379	-25.7	35.5	-8	6	-610.0	237.4	-13.7	-34.5	-24.3
38TH	468.00	-72.1	28.1	2584	958	-27.9	29.3	-20	24	-537.9	209.3	-10.8	-27.0	-22.0
39TH	481.00	-70.2	27.2	2557	923	-27.4	29.4	-23	28	-467.7	182.2	-8.3	-20.5	-19.5
40TH	494.00	-72.5	26.8	2557	923	-28.4	29.1	-21	27	-395.3	155.3	-6.1	-14.9	-17.1
41ST	507.00	-73.9	26.4	2557	923	-28.9	28.6	-20	26	-321.4	128.9	-4.3	-10.2	-14.7
42ND	520.00	-74.9	25.9	2557	923	-29.3	28.1	-19	27	-246.5	103.0	-2.8	-6.5	-12.2
43RD	533.00	-75.9	25.5	2557	923	-29.7	27.6	-19	27	-170.6	77.5	-1.6	-3.8	-9.7
44TH	546.00	-60.6	34.9	2027	1136	-29.9	30.8	-51	43	-109.9	42.6	-.6	-1.6	-5.9
45TH	562.00	-109.9	42.6	3673	2059	-29.9	20.7	-34	42	0.0	0.0	0.0	0.0	0.0
TOP	591.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-3335.5	1628.7	-520.6	-1063.2	-41.3
2ND	20.00	-80.6	23.7	2962	2264	-27.2	10.5	2	-2	-3254.9	1605.0	-488.3	-997.3	-41.6
3RD	30.00	-42.3	11.7	1556	1262	-27.2	9.3	2	-3	-3212.6	1593.3	-472.3	-964.9	-41.7
4TH	40.00	-43.4	12.1	1556	1262	-27.9	9.6	2	-4	-3169.2	1581.2	-456.4	-933.0	-41.9
5TH	50.00	-44.4	12.6	1556	1262	-28.6	10.0	3	-5	-3124.8	1568.6	-440.7	-901.5	-42.2
6TH	60.00	-45.5	13.0	1556	1262	-29.2	10.3	4	-6	-3079.3	1555.6	-425.1	-870.5	-42.5
7TH	70.00	-46.6	13.7	1556	1262	-29.9	10.8	4	-7	-3032.7	1541.9	-409.6	-840.0	-42.9
8TH	80.00	-47.8	15.3	1556	1262	-30.7	12.1	6	-9	-2984.9	1526.6	-394.2	-809.9	-43.4
9TH	90.00	-49.0	16.9	1556	1262	-31.5	13.4	7	-10	-2935.9	1509.7	-379.1	-780.3	-44.0
10TH	100.00	-50.2	18.5	1556	1262	-32.2	14.7	8	-11	-2885.8	1491.2	-364.0	-751.2	-44.7
11TH	110.00	-51.3	20.1	1556	1262	-33.0	15.9	10	-12	-2834.4	1471.1	-349.2	-722.6	-45.5
12TH	120.00	-52.5	21.7	1556	1262	-33.8	17.2	11	-13	-2781.9	1449.5	-334.6	-694.5	-46.4
13TH	130.00	-53.6	22.9	1556	1262	-34.5	18.1	12	-14	-2728.3	1426.6	-320.3	-666.9	-47.3
14TH	156.00	-132.1	60.7	5822	2758	-22.7	22.0	-1	1	-2596.2	1365.8	-284.0	-597.7	-47.2
15TH	169.00	-65.6	34.1	2911	1379	-22.6	24.8	-0	0	-2530.6	1331.7	-266.4	-564.4	-47.2
16TH	182.00	-65.4	36.7	2911	1379	-22.5	26.6	1	-1	-2465.2	1295.0	-249.3	-531.9	-47.2
17TH	195.00	-65.4	38.2	2911	1379	-22.5	27.7	0	-0	-2399.8	1256.8	-232.8	-500.3	-47.2
18TH	208.00	-65.6	39.7	2911	1379	-22.5	28.8	-1	0	-2334.2	1217.1	-216.7	-469.5	-47.2
19TH	221.00	-65.7	41.2	2911	1379	-22.6	29.9	-1	1	-2268.5	1175.8	-201.1	-439.6	-47.1
20TH	234.00	-65.9	42.7	2911	1379	-22.6	31.0	-2	2	-2202.6	1133.1	-186.1	-410.5	-46.9
21ST	247.00	-65.8	43.5	2911	1379	-22.6	31.6	-3	2	-2136.8	1089.6	-171.7	-382.3	-46.7
22ND	260.00	-65.3	43.7	2911	1379	-22.4	31.7	-3	2	-2071.5	1045.8	-157.8	-355.0	-46.5
23RD	273.00	-64.8	43.9	2911	1379	-22.3	31.8	-4	3	-2006.6	1001.9	-144.5	-328.5	-46.2
24TH	286.00	-64.4	44.1	2911	1379	-22.1	32.0	-5	3	-1942.2	957.8	-131.7	-302.8	-45.8
25TH	299.00	-63.8	44.3	2911	1379	-21.9	32.1	-5	4	-1878.5	913.5	-119.6	-278.0	-45.4
		-62.9	44.6	2911	1379	-21.6	32.3	-6	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-1815.6	868.9	-108.0	-254.0	-45.0
27TH	325.00	-61.9	44.9	2911	1379	-21.3	32.5	-7	5	-1753.6	824.1	-97.0	-230.8	-44.5
28TH	338.00	-61.0	45.1	2911	1379	-21.0	32.7	-8	5	-1692.6	778.9	-86.6	-208.4	-43.9
29TH	351.00	-60.5	45.5	2911	1379	-20.8	33.0	-9	6	-1632.1	733.4	-76.7	-186.7	-43.3
30TH	364.00	-81.2	44.2	2911	1379	-27.9	32.0	-12	11	-1550.9	689.2	-67.5	-166.1	-42.0
31ST	377.00	-86.0	46.2	2911	1379	-29.5	33.5	-12	10	-1464.9	643.0	-58.8	-146.5	-40.8
32ND	390.00	-90.8	48.2	2911	1379	-31.2	35.0	-11	10	-1374.1	594.8	-50.8	-128.0	-39.5
33RD	403.00	-95.7	50.2	2911	1379	-32.9	36.4	-10	9	-1278.4	544.6	-43.4	-110.8	-38.2
34TH	416.00	-98.4	51.8	2911	1379	-33.8	37.5	-10	9	-1180.0	492.8	-36.6	-94.8	-36.9
35TH	429.00	-98.9	52.7	2911	1379	-34.0	38.2	-10	9	-1081.1	440.1	-30.6	-80.1	-35.6
36TH	442.00	-99.4	53.7	2911	1379	-34.2	38.9	-10	9	-981.7	386.4	-25.2	-66.7	-34.3
37TH	455.00	-99.9	54.7	2911	1379	-34.3	39.6	-10	9	-881.7	331.7	-20.5	-54.6	-33.1
38TH	468.00	-100.4	55.6	2911	1379	-34.5	40.4	-10	9	-781.3	276.1	-16.6	-43.8	-31.8
39TH	481.00	-94.3	30.9	2584	958	-36.5	32.3	-18	26	-687.0	245.2	-13.2	-34.2	-28.7
40TH	494.00	-92.2	29.0	2557	923	-36.1	31.4	-19	29	-594.7	216.2	-10.2	-25.9	-25.5
41ST	507.00	-93.7	29.2	2557	923	-36.6	31.6	-18	28	-501.1	187.1	-7.6	-18.8	-22.3
42ND	520.00	-94.8	29.4	2557	923	-37.1	31.8	-18	28	-406.3	157.7	-5.3	-12.9	-19.0
43RD	533.00	-95.7	29.6	2557	923	-37.4	32.1	-18	28	-310.6	128.1	-3.5	-8.2	-15.8
44TH	546.00	-96.6	30.0	2557	923	-37.8	32.5	-18	28	-214.0	98.0	-2.0	-4.8	-12.5
45TH	562.00	-77.4	44.0	2027	1136	-38.2	38.7	-52	43	-136.7	54.0	-.8	-2.0	-7.5
TOP	591.00	-136.7	54.0	3673	2059	-37.2	26.2	-36	43	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-3607.7	1600.0	-487.4	-1116.9	-52.3
2ND	20.00	-103.0	31.1	2962	2264	-34.8	13.7	1	-2	-3504.7	1568.9	-455.7	-1045.8	-52.6
3RD	30.00	-52.7	16.4	1556	1262	-33.9	13.0	2	-4	-3452.0	1552.6	-440.1	-1011.0	-52.8
4TH	40.00	-53.4	17.2	1556	1262	-34.3	13.7	3	-5	-3398.6	1535.3	-424.6	-976.8	-53.2
5TH	50.00	-54.0	18.1	1556	1262	-34.7	14.3	4	-6	-3344.6	1517.3	-409.4	-943.1	-53.6
6TH	60.00	-54.6	18.9	1556	1262	-35.1	15.0	6	-8	-3290.0	1498.3	-394.3	-909.9	-54.1
7TH	70.00	-55.3	19.9	1556	1262	-35.5	15.8	7	-9	-3234.7	1478.4	-379.4	-877.3	-54.7
8TH	80.00	-55.7	21.1	1556	1262	-35.8	16.7	8	-10	-3179.0	1457.4	-364.7	-845.2	-55.5
9TH	90.00	-56.0	22.2	1556	1262	-36.0	17.6	9	-11	-3123.0	1435.1	-350.3	-813.7	-56.2
10TH	100.00	-56.4	23.4	1556	1262	-36.3	18.5	10	-12	-3066.6	1411.8	-336.0	-782.7	-57.1
11TH	110.00	-56.8	24.5	1556	1262	-36.5	19.4	12	-13	-3009.8	1387.2	-322.0	-752.4	-58.1
12TH	120.00	-57.1	25.7	1556	1262	-36.7	20.3	13	-14	-2952.6	1361.6	-308.3	-722.6	-59.1
13TH	130.00	-57.2	26.2	1556	1262	-36.8	20.8	14	-15	-2895.4	1335.3	-294.8	-693.3	-60.2
14TH	156.00	-156.8	67.2	5822	2758	-26.9	24.4	-2	2	-2738.6	1268.2	-260.9	-620.1	-59.9
15TH	169.00	-77.1	35.6	2911	1379	-26.5	25.8	-2	2	-2661.5	1232.6	-244.7	-585.0	-59.7
16TH	182.00	-76.3	36.9	2911	1379	-26.2	26.8	-2	2	-2585.2	1195.6	-228.9	-550.9	-59.5
17TH	195.00	-75.8	37.7	2911	1379	-26.0	27.3	-3	3	-2509.5	1157.9	-213.6	-517.8	-59.2
18TH	208.00	-75.4	38.4	2911	1379	-25.9	27.9	-3	3	-2434.0	1119.5	-198.8	-485.6	-58.9
19TH	221.00	-75.1	39.1	2911	1379	-25.8	28.4	-4	4	-2359.0	1080.4	-184.5	-454.5	-58.5
20TH	234.00	-74.7	39.8	2911	1379	-25.7	28.9	-5	4	-2284.2	1040.6	-170.7	-424.3	-58.0
21ST	247.00	-73.8	40.4	2911	1379	-25.3	29.3	-6	5	-2210.5	1000.1	-157.5	-395.1	-57.4
22ND	260.00	-72.3	41.0	2911	1379	-24.8	29.7	-7	6	-2138.2	959.2	-144.7	-366.8	-56.8
23RD	273.00	-70.8	41.5	2911	1379	-24.3	30.1	-8	7	-2067.4	917.7	-132.5	-339.5	-56.1
24TH	286.00	-69.3	42.0	2911	1379	-23.8	30.5	-9	7	-1998.1	875.7	-120.9	-313.0	-55.4
25TH	299.00	-67.7	42.2	2911	1379	-23.3	30.6	-11	8	-1930.4	833.4	-109.8	-287.5	-54.5
		-65.8	42.1	2911	1379	-22.6	30.5	-12	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-1864.6	791.3	-99.2	-262.8	-53.6
27TH	325.00	-64.0	42.0	2911	1379	-22.0	30.4	-13	10	-1800.6	749.3	-89.2	-239.0	-52.6
28TH	338.00	-62.1	41.8	2911	1379	-21.3	30.4	-14	10	-1738.5	707.5	-79.7	-216.0	-51.6
29TH	351.00	-60.6	42.0	2911	1379	-20.8	30.4	-16	11	-1677.9	665.5	-70.8	-193.8	-50.5
30TH	364.00	-79.4	39.3	2911	1379	-27.3	28.5	-16	15	-1598.4	626.2	-62.4	-172.5	-48.8
31ST	377.00	-85.0	41.2	2911	1379	-29.2	29.9	-15	15	-1513.4	585.0	-54.5	-152.3	-47.1
32ND	390.00	-90.6	43.1	2911	1379	-31.1	31.3	-15	15	-1422.8	541.9	-47.2	-133.2	-45.3
33RD	403.00	-96.2	45.0	2911	1379	-33.1	32.6	-14	14	-1326.5	496.9	-40.4	-115.3	-43.4
34TH	416.00	-99.8	46.4	2911	1379	-34.3	33.6	-14	14	-1226.7	450.5	-34.3	-98.7	-41.5
35TH	429.00	-101.3	47.2	2911	1379	-34.8	34.2	-13	14	-1125.5	403.4	-28.7	-83.4	-39.7
36TH	442.00	-102.7	48.0	2911	1379	-35.3	34.8	-13	13	-1022.7	355.4	-23.8	-69.5	-37.8
37TH	455.00	-104.1	48.8	2911	1379	-35.8	35.4	-13	13	-918.6	306.7	-19.5	-56.9	-36.0
38TH	468.00	-105.6	49.6	2911	1379	-36.3	35.9	-12	13	-813.0	257.1	-15.8	-45.6	-34.2
39TH	481.00	-97.2	27.5	2584	958	-37.6	28.7	-17	29	-715.8	229.6	-12.7	-35.7	-30.9
40TH	494.00	-96.0	25.9	2557	923	-37.6	28.0	-18	31	-619.8	203.8	-9.9	-27.0	-27.3
41ST	507.00	-97.4	26.6	2557	923	-38.1	28.8	-17	30	-522.4	177.2	-7.4	-19.6	-23.8
42ND	520.00	-98.5	26.5	2557	923	-38.5	28.7	-17	30	-423.9	150.7	-5.2	-13.4	-20.2
43RD	533.00	-99.5	26.1	2557	923	-38.9	28.3	-17	30	-324.4	124.6	-3.5	-8.5	-16.7
44TH	546.00	-100.4	26.0	2557	923	-39.3	28.1	-17	31	-224.0	98.6	-2.0	-5.0	-13.0
45TH	562.00	-82.3	44.7	2027	1136	-40.6	39.3	-50	44	-141.7	54.0	-.8	-2.1	-7.8
TOP	591.00	-141.7	54.0	3673	2059	-38.6	26.2	-35	44	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-3735.3	1250.3	-377.5	-1115.4	-49.3
2ND	20.00	-108.8	29.3	2962	2264	-36.7	12.9	0	-0	-3626.5	1220.9	-352.8	-1041.8	-49.3
3RD	30.00	-56.4	15.6	1556	1262	-36.2	12.4	1	-2	-3570.1	1205.3	-340.6	-1005.8	-49.4
4TH	40.00	-57.5	16.6	1556	1262	-36.9	13.1	2	-3	-3512.6	1188.7	-328.6	-970.4	-49.7
5TH	50.00	-58.6	17.5	1556	1262	-37.7	13.9	3	-5	-3454.0	1171.2	-316.8	-935.5	-50.0
6TH	60.00	-59.7	18.5	1556	1262	-38.4	14.6	4	-6	-3394.3	1152.8	-305.2	-901.3	-50.5
7TH	70.00	-60.7	19.3	1556	1262	-39.0	15.3	5	-7	-3333.6	1133.5	-293.8	-867.6	-51.0
8TH	80.00	-60.8	19.4	1556	1262	-39.1	15.3	5	-8	-3272.8	1114.1	-282.6	-834.6	-51.6
9TH	90.00	-60.8	19.4	1556	1262	-39.1	15.4	5	-8	-3212.0	1094.8	-271.5	-802.2	-52.1
10TH	100.00	-60.9	19.4	1556	1262	-39.1	15.4	5	-8	-3151.1	1075.4	-260.7	-770.4	-52.7
11TH	110.00	-60.9	19.4	1556	1262	-39.2	15.4	5	-8	-3090.2	1055.9	-250.0	-739.2	-53.3
12TH	120.00	-61.0	19.4	1556	1262	-39.2	15.4	5	-8	-3029.2	1036.5	-239.5	-708.6	-53.8
13TH	130.00	-61.0	19.3	1556	1262	-39.2	15.3	5	-8	-2968.2	1017.3	-229.3	-678.6	-54.4
14TH	156.00	-185.8	49.2	5822	2758	-31.9	17.8	-3	6	-2782.4	968.0	-203.5	-603.8	-53.1
15TH	169.00	-89.7	25.5	2911	1379	-30.8	18.5	-3	6	-2692.8	942.5	-191.0	-568.2	-52.5
16TH	182.00	-87.5	26.1	2911	1379	-30.1	18.9	-3	5	-2605.2	916.4	-179.0	-533.8	-52.0
17TH	195.00	-86.2	26.7	2911	1379	-29.6	19.3	-4	6	-2519.0	889.7	-167.2	-500.5	-51.4
18TH	208.00	-85.2	27.2	2911	1379	-29.3	19.7	-4	6	-2433.8	862.5	-155.8	-468.3	-50.8
19TH	221.00	-84.3	27.8	2911	1379	-29.0	20.1	-4	6	-2349.5	834.7	-144.8	-437.2	-50.2
20TH	234.00	-83.4	28.3	2911	1379	-28.6	20.5	-4	6	-2266.1	806.4	-134.1	-407.2	-49.6
21ST	247.00	-82.0	28.9	2911	1379	-28.2	21.0	-5	6	-2184.1	777.5	-123.8	-378.3	-48.9
22ND	260.00	-80.0	29.6	2911	1379	-27.5	21.4	-5	7	-2104.2	747.9	-113.9	-350.4	-48.3
23RD	273.00	-78.0	30.2	2911	1379	-26.8	21.9	-6	7	-2026.2	717.7	-104.4	-323.6	-47.5
24TH	286.00	-75.9	30.9	2911	1379	-26.1	22.4	-7	8	-1950.3	686.9	-95.3	-297.7	-46.8
25TH	299.00	-73.9	31.1	2911	1379	-25.4	22.5	-7	8	-1876.4	655.8	-86.5	-272.8	-46.0
		-71.6	30.8	2911	1379	-24.6	22.3	-8	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-1804.7	625.0	-78.2	-248.9	-45.2
27TH	325.00	-69.4	30.5	2911	1379	-23.8	22.1	-8	9	-1735.3	594.5	-70.3	-225.9	-44.3
28TH	338.00	-67.1	30.2	2911	1379	-23.1	21.9	-9	10	-1668.2	564.2	-62.8	-203.8	-43.4
29TH	351.00	-65.2	30.1	2911	1379	-22.4	21.8	-10	10	-1603.0	534.2	-55.6	-182.5	-42.5
30TH	364.00	-80.1	31.8	2911	1379	-27.5	23.1	-10	12	-1522.9	502.4	-48.9	-162.2	-41.3
31ST	377.00	-84.8	33.6	2911	1379	-29.1	24.4	-10	12	-1438.1	468.8	-42.6	-143.0	-40.0
32ND	390.00	-89.5	35.4	2911	1379	-30.7	25.7	-10	12	-1348.6	433.3	-36.7	-124.8	-38.6
33RD	403.00	-94.1	37.2	2911	1379	-32.3	27.0	-10	12	-1254.5	396.1	-31.3	-107.9	-37.1
34TH	416.00	-97.1	38.6	2911	1379	-33.4	28.0	-10	12	-1157.3	357.5	-26.4	-92.2	-35.6
35TH	429.00	-98.3	39.6	2911	1379	-33.8	28.7	-10	11	-1059.1	317.9	-22.0	-77.8	-34.2
36TH	442.00	-99.4	40.6	2911	1379	-34.2	29.4	-9	11	-959.6	277.3	-18.2	-64.7	-32.7
37TH	455.00	-100.6	41.5	2911	1379	-34.5	30.1	-9	10	-859.1	235.8	-14.8	-52.9	-31.4
38TH	468.00	-101.7	42.5	2911	1379	-34.9	30.8	-9	10	-757.4	193.3	-12.0	-42.4	-30.1
39TH	481.00	-92.3	21.7	2584	958	-35.7	22.6	-13	27	-665.0	171.7	-9.7	-33.1	-27.2
40TH	494.00	-90.3	19.3	2557	923	-35.3	20.9	-13	30	-574.8	152.3	-7.6	-25.1	-24.1
41ST	507.00	-91.1	18.9	2557	923	-35.6	20.4	-12	29	-483.7	133.5	-5.7	-18.2	-21.0
42ND	520.00	-91.5	18.5	2557	923	-35.8	20.1	-12	29	-392.2	115.0	-4.1	-12.5	-18.0
43RD	533.00	-91.5	18.2	2557	923	-35.8	19.7	-12	29	-300.7	96.8	-2.7	-8.0	-15.0
44TH	546.00	-91.6	18.2	2557	923	-35.8	19.7	-12	29	-209.0	78.6	-1.6	-4.7	-11.9
45TH	562.00	-74.9	37.1	2027	1136	-36.9	32.6	-47	45	-134.2	41.6	-.6	-1.9	-7.2
TOP	591.00	-134.2	41.6	3673	2059	-36.5	20.2	-29	44	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-3458.1	940.4	-282.8	-1065.0	-54.9
2ND	20.00	-89.1	17.9	2962	2264	-30.1	7.9	-1	2	-3369.0	922.5	-264.2	-996.7	-54.7
3RD	30.00	-47.0	9.8	1556	1262	-30.2	7.7	-1	1	-3322.0	912.8	-255.0	-963.3	-54.7
4TH	40.00	-48.2	11.0	1556	1262	-31.0	8.7	0	-0	-3273.8	901.8	-245.9	-930.3	-54.7
5TH	50.00	-49.4	12.2	1556	1262	-31.7	9.6	1	-2	-3224.5	889.6	-237.0	-897.8	-54.8
6TH	60.00	-50.6	13.4	1556	1262	-32.5	10.6	2	-3	-3173.9	876.3	-228.1	-865.8	-55.0
7TH	70.00	-51.8	14.5	1556	1262	-33.3	11.5	3	-4	-3122.1	861.8	-219.4	-834.3	-55.2
8TH	80.00	-52.6	14.7	1556	1262	-33.8	11.6	2	-4	-3069.4	847.1	-210.9	-803.4	-55.5
9TH	90.00	-53.5	14.7	1556	1262	-34.4	11.7	2	-4	-3016.0	832.3	-202.5	-772.9	-55.8
10TH	100.00	-54.3	14.8	1556	1262	-34.9	11.7	2	-4	-2961.7	817.5	-194.2	-743.0	-56.0
11TH	110.00	-55.1	14.9	1556	1262	-35.4	11.8	2	-4	-2906.6	802.7	-186.1	-713.7	-56.2
12TH	120.00	-56.0	14.9	1556	1262	-36.0	11.8	2	-3	-2850.6	787.7	-178.2	-684.9	-56.5
13TH	130.00	-56.6	14.7	1556	1262	-36.4	11.6	2	-3	-2794.0	773.0	-170.4	-656.7	-56.7
14TH	156.00	-154.6	36.4	5822	2758	-26.6	13.2	-4	9	-2639.4	736.7	-150.8	-586.1	-55.1
15TH	169.00	-76.3	19.1	2911	1379	-26.2	13.9	-5	9	-2563.1	717.5	-141.3	-552.2	-54.3
16TH	182.00	-75.7	19.8	2911	1379	-26.0	14.3	-5	10	-2487.4	697.8	-132.1	-519.4	-53.5
17TH	195.00	-75.4	20.2	2911	1379	-25.9	14.6	-6	10	-2412.1	677.6	-123.2	-487.6	-52.6
18TH	208.00	-75.2	20.6	2911	1379	-25.8	14.9	-6	10	-2336.9	657.0	-114.5	-456.7	-51.6
19TH	221.00	-75.1	21.0	2911	1379	-25.8	15.2	-6	11	-2261.7	636.0	-106.1	-426.8	-50.7
20TH	234.00	-75.0	21.3	2911	1379	-25.8	15.5	-7	11	-2186.7	614.7	-98.0	-397.9	-49.6
21ST	247.00	-74.0	21.9	2911	1379	-25.4	15.9	-7	12	-2112.8	592.8	-90.1	-369.9	-48.6
22ND	260.00	-71.8	22.5	2911	1379	-24.7	16.3	-8	12	-2041.0	570.3	-82.6	-342.9	-47.5
23RD	273.00	-69.6	23.2	2911	1379	-23.9	16.8	-9	12	-1971.4	547.1	-75.3	-316.9	-46.5
24TH	286.00	-67.4	23.8	2911	1379	-23.2	17.3	-9	12	-1903.9	523.3	-68.3	-291.7	-45.4
25TH	299.00	-65.1	24.1	2911	1379	-22.4	17.4	-10	13	-1838.8	499.3	-61.7	-267.4	-44.4
		-62.5	23.8	2911	1379	-21.5	17.2	-10	13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-1776.3	475.5	-55.3	-243.9	-43.4
27TH	325.00	-59.9	23.5	2911	1379	-20.6	17.0	-10	13	-1716.4	452.0	-49.3	-221.2	-42.4
28TH	338.00	-57.2	23.2	2911	1379	-19.7	16.8	-11	13	-1659.2	428.8	-43.6	-199.2	-41.5
29TH	351.00	-55.1	22.9	2911	1379	-18.9	16.6	-11	13	-1604.1	405.9	-38.2	-178.0	-40.6
30TH	364.00	-81.9	25.5	2911	1379	-28.1	18.5	-11	16	-1522.3	380.4	-33.1	-157.7	-39.0
31ST	377.00	-87.2	27.5	2911	1379	-30.0	19.9	-10	15	-1435.0	352.9	-28.3	-138.5	-37.3
32ND	390.00	-92.6	29.5	2911	1379	-31.8	21.4	-10	15	-1342.4	323.4	-23.9	-120.4	-35.7
33RD	403.00	-98.0	31.5	2911	1379	-33.7	22.9	-10	14	-1244.5	291.9	-19.9	-103.6	-34.0
34TH	416.00	-101.4	33.0	2911	1379	-34.8	24.0	-9	13	-1143.0	258.8	-16.3	-88.1	-32.3
35TH	429.00	-102.7	34.0	2911	1379	-35.3	24.6	-9	13	-1040.3	224.8	-13.2	-73.9	-30.7
36TH	442.00	-104.0	34.9	2911	1379	-35.7	25.3	-8	12	-936.3	189.9	-10.5	-61.0	-29.2
37TH	455.00	-105.4	35.9	2911	1379	-36.2	26.0	-8	11	-830.9	154.0	-8.2	-49.5	-27.8
38TH	468.00	-106.7	36.8	2911	1379	-36.6	26.7	-7	10	-724.2	117.2	-6.5	-39.4	-26.5
39TH	481.00	-93.4	18.6	2584	958	-36.1	19.4	-11	27	-630.9	98.6	-5.1	-30.6	-23.6
40TH	494.00	-89.5	15.2	2557	923	-35.0	16.5	-11	30	-541.3	83.4	-3.9	-23.0	-20.6
41ST	507.00	-89.9	12.8	2557	923	-35.2	13.9	-8	28	-451.4	70.5	-2.9	-16.6	-17.8
42ND	520.00	-89.4	11.1	2557	923	-35.0	12.0	-7	27	-362.0	59.4	-2.0	-11.3	-15.1
43RD	533.00	-88.4	9.6	2557	923	-34.6	10.4	-6	27	-273.5	49.8	-1.3	-7.1	-12.4
44TH	546.00	-87.5	8.3	2557	923	-34.2	9.0	-5	27	-186.0	41.6	-.7	-4.1	-9.7
45TH	562.00	-67.8	23.2	2027	1136	-33.5	20.5	-34	47	-118.2	18.3	-.3	-1.7	-5.8
TOP	591.00	-118.2	18.3	3673	2059	-32.2	8.9	-14	43	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-2267.7	502.8	-140.5	-684.7	-47.1
2ND	20.00	-64.5	16.6	2962	2264	-21.8	7.3	1	-1	-2203.3	486.2	-130.6	-640.0	-47.2
3RD	30.00	-34.5	7.4	1556	1262	-22.1	5.9	-1	2	-2168.8	478.8	-125.8	-618.2	-47.1
4TH	40.00	-35.5	7.6	1556	1262	-22.8	6.0	-1	1	-2133.3	471.2	-121.0	-596.7	-47.1
5TH	50.00	-36.5	7.8	1556	1262	-23.5	6.2	-0	1	-2096.8	463.4	-116.3	-575.5	-47.0
6TH	60.00	-37.5	8.1	1556	1262	-24.1	6.4	-0	1	-2059.3	455.3	-111.7	-554.7	-47.0
7TH	70.00	-38.5	8.3	1556	1262	-24.7	6.6	-0	1	-2020.8	447.0	-107.2	-534.3	-47.0
8TH	80.00	-39.1	8.6	1556	1262	-25.1	6.8	-0	1	-1981.7	438.5	-102.8	-514.3	-47.0
9TH	90.00	-39.7	8.9	1556	1262	-25.5	7.0	-1	1	-1942.0	429.6	-98.5	-494.7	-46.9
10TH	100.00	-40.4	9.2	1556	1262	-26.0	7.3	-1	1	-1901.6	420.4	-94.2	-475.5	-46.8
11TH	110.00	-41.0	9.5	1556	1262	-26.4	7.6	-1	2	-1860.6	410.8	-90.1	-456.7	-46.8
12TH	120.00	-41.7	9.9	1556	1262	-26.8	7.8	-1	2	-1818.9	400.9	-86.0	-438.3	-46.7
13TH	130.00	-42.3	10.2	1556	1262	-27.2	8.0	-1	2	-1776.6	390.8	-82.0	-420.3	-46.6
14TH	156.00	-80.0	24.4	5822	2758	-13.7	8.8	-9	15	-1696.6	366.4	-72.2	-375.1	-45.1
15TH	169.00	-41.4	12.3	2911	1379	-14.2	8.9	-10	16	-1655.2	354.1	-67.5	-353.3	-44.3
16TH	182.00	-42.3	12.3	2911	1379	-14.5	8.9	-11	17	-1612.9	341.8	-63.0	-332.1	-43.4
17TH	195.00	-43.1	12.0	2911	1379	-14.8	8.7	-11	18	-1569.7	329.8	-58.6	-311.4	-42.5
18TH	208.00	-43.8	11.7	2911	1379	-15.1	8.5	-10	18	-1525.9	318.2	-54.4	-291.3	-41.5
19TH	221.00	-44.5	11.3	2911	1379	-15.3	8.2	-10	19	-1481.3	306.8	-50.3	-271.8	-40.5
20TH	234.00	-45.2	11.0	2911	1379	-15.5	8.0	-10	19	-1436.1	295.8	-46.4	-252.8	-39.5
21ST	247.00	-45.7	11.0	2911	1379	-15.7	8.0	-10	19	-1390.4	284.8	-42.7	-234.4	-38.5
22ND	260.00	-46.1	11.3	2911	1379	-15.8	8.2	-10	20	-1344.2	273.5	-39.0	-216.6	-37.4
23RD	273.00	-46.5	11.7	2911	1379	-16.0	8.5	-11	21	-1297.7	261.8	-35.5	-199.5	-36.3
24TH	286.00	-46.9	12.0	2911	1379	-16.1	8.7	-11	21	-1250.8	249.8	-32.2	-182.9	-35.1
25TH	299.00	-47.3	12.0	2911	1379	-16.2	8.7	-12	22	-1203.5	237.8	-29.1	-167.0	-33.9
		-47.4	11.6	2911	1379	-16.3	8.4	-11	22					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										-1156.1	226.2	-26.0	-151.6	-32.7
26TH	312.00	-47.6	11.2	2911	1379	-16.3	8.1	-11	22	-1108.5	215.0	-23.2	-136.9	-31.5
27TH	325.00	-47.7	10.9	2911	1379	-16.4	7.9	-10	22	-1060.8	204.2	-20.4	-122.8	-30.3
28TH	338.00	-48.1	10.4	2911	1379	-16.5	7.5	-10	22	-1012.7	193.8	-17.9	-109.3	-29.1
29TH	351.00	-58.8	11.9	2911	1379	-20.2	8.6	-9	21	-953.9	181.9	-15.4	-96.5	-27.6
30TH	364.00	-60.9	13.1	2911	1379	-20.9	9.5	-9	21	-893.0	168.8	-13.1	-84.5	-26.2
31ST	377.00	-63.0	14.4	2911	1379	-21.6	10.4	-9	20	-830.0	154.4	-11.0	-73.3	-24.7
32ND	390.00	-65.1	15.7	2911	1379	-22.4	11.4	-9	19	-764.9	138.7	-9.1	-63.0	-23.3
33RD	403.00	-66.2	16.5	2911	1379	-22.7	11.9	-9	18	-698.7	122.3	-7.4	-53.4	-21.9
34TH	416.00	-66.0	16.8	2911	1379	-22.7	12.2	-9	17	-632.7	105.5	-6.0	-44.8	-20.6
35TH	429.00	-65.8	17.1	2911	1379	-22.6	12.4	-8	16	-566.9	88.4	-4.7	-37.0	-19.4
36TH	442.00	-65.7	17.4	2911	1379	-22.6	12.6	-8	14	-501.3	70.9	-3.7	-30.1	-18.3
37TH	455.00	-65.5	17.7	2911	1379	-22.5	12.9	-8	13	-435.8	53.2	-2.8	-24.0	-17.2
38TH	468.00	-54.8	8.7	2584	958	-21.2	9.1	-11	32	-380.9	44.5	-2.2	-18.7	-15.2
39TH	481.00	-52.5	7.4	2557	923	-20.6	8.0	-10	35	-328.4	37.1	-1 7	-14.0	-13.1
40TH	494.00	-54.0	6.5	2557	923	-21.1	7.1	-8	31	-274.4	30.6	-1.2	-10.1	-11.3
41ST	507.00	-53.7	5.3	2557	923	-21.0	5.8	-6	30	-220.7	25.2	-.9	-6.9	-9.5
42ND	520.00	-52.8	4.1	2557	923	-20.7	4.4	-5	30	-167.9	21.2	-.6	-4.4	-7.7
43RD	533.00	-51.9	2.9	2557	923	-20.3	3.1	-3	30	-116.0	18.3	-.3	-2.5	-6.0
44TH	546.00	-44.5	10.5	2027	1136	-22.0	9.2	-23	47	-71.5	7.8	-.1	-1.0	-3.6
45TH	562.00	-71.5	7.8	3673	2059	-19.5	3.8	-10	44	0.0	0.0	0.0	0.0	0.0
TOP	591.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-67.8	10.2	2962	2264	-22.9	4.5	-2	7	-1922.3	46.8	17.4	-541.7	-35.4
2ND	20.00									-1854.5	36.6	18.3	-503.9	-34.9
		-36.3	3.4	1556	1262	-23.3	2.7	-3	13	-1818.2	33.1	18.6	-485.5	-34.4
3RD	30.00									-1781.3	29.2	18.9	-467.5	-33.8
		-36.9	3.9	1556	1262	-23.7	3.1	-3	13	-1743.7	24.8	19.2	-449.9	-33.3
4TH	40.00									-1705.4	19.9	19.4	-432.7	-32.7
		-37.6	4.4	1556	1262	-24.2	3.5	-3	13	-1666.6	14.6	19.6	-415.8	-32.1
5TH	50.00									-1627.8	9.4	19.7	-399.3	-31.5
		-38.3	4.9	1556	1262	-24.6	3.9	-4	13	-1589.0	4.5	19.8	-383.2	-31.0
6TH	60.00									-1550.2	-.1	19.8	-367.5	-30.4
		-38.8	5.3	1556	1262	-25.0	4.2	-4	14	-1511.4	-4.5	19.8	-352.2	-29.9
7TH	70.00									-1472.6	-8.5	19.7	-337.3	-29.4
		-38.8	5.2	1556	1262	-24.9	4.1	-4	13	-1433.8	-12.3	19.6	-322.8	-28.9
8TH	80.00									-1360.9	-22.3	19.2	-286.4	-27.3
		-38.8	4.9	1556	1262	-24.9	3.9	-3	13	-1321.9	-27.2	18.8	-269.0	-26.4
9TH	90.00									-1281.1	-31.9	18.5	-252.1	-25.4
		-38.8	4.6	1556	1262	-24.9	3.7	-3	12	-1239.8	-36.6	18.0	-235.7	-24.5
10TH	100.00									-1198.5	-41.2	17.5	-219.9	-23.6
		-38.8	4.4	1556	1262	-24.9	3.5	-3	12	-1157.3	-45.9	16.9	-204.5	-22.8
11TH	110.00									-1116.2	-50.5	16.3	-189.8	-22.1
		-38.8	4.1	1556	1262	-24.9	3.2	-2	11	-1075.2	-54.7	15.6	-175.5	-21.4
12TH	120.00									-1033.9	-58.0	14 9	-161.8	-20.6
		-38.8	3.8	1556	1262	-24.9	3.0	-2	11	-992.3	-60.4	14.1	-148.6	-19.9
13TH	130.00									-950.3	-61.9	13.3	-136.0	-19.1
		-72.9	10.0	5822	2758	-12.5	3.6	-6	20	-908.1	-62.7	12.5	-123.9	-18.3
14TH	156.00													
		-39.0	4.8	2911	1379	-13.4	3.5	-5	21					
15TH	169.00													
		-40.8	4.7	2911	1379	-14.0	3.4	-5	21					
16TH	182.00													
		-41.3	4.7	2911	1379	-14.2	3.4	-5	20					
17TH	195.00													
		-41.3	4.7	2911	1379	-14.2	3.4	-4	19					
18TH	208.00													
		-41.2	4.7	2911	1379	-14.2	3.4	-4	18					
19TH	221.00													
		-41.1	4.6	2911	1379	-14.1	3.4	-4	16					
20TH	234.00													
		-40.9	4.1	2911	1379	-14.1	3.0	-3	15					
21ST	247.00													
		-41.3	3.3	2911	1379	-14.2	2.4	-3	16					
22ND	260.00													
		-41.6	2.4	2911	1379	-14.3	1.7	-2	17					
23RD	273.00													
		-42.0	1.5	2911	1379	-14.4	1.1	-1	17					
24TH	286.00													
		-42.2	.8	2911	1379	-14.5	.6	-1	17					
25TH	299.00													
		-42.1	.1	2911	1379	-14.5	.1	-0	16					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-866.0	-62.8	11.7	-112.4	-17.5
		-41.9	-.5	2911	1379	-14.4	-.4	0	15					
27TH	325.00									-824.1	-62.3	10.9	-101.4	-16.8
		-41.8	-1.1	2911	1379	-14.3	-.8	1	14					
28TH	338.00									-782.3	-61.2	10.1	-91.0	-16.2
		-41.7	-1.6	2911	1379	-14.3	-1.2	1	12					
29TH	351.00									-740.6	-59.5	9.3	-81.1	-15.6
		-42.6	-1.9	2911	1379	-14.6	-1.3	1	10					
30TH	364.00									-698.0	-57.7	8.5	-71.7	-15.1
		-44.1	-1.5	2911	1379	-15.2	-1.1	1	11					
31ST	377.00									-653.9	-56.2	7.8	-62.9	-14.6
		-45.7	-1.1	2911	1379	-15.7	-.8	1	12					
32ND	390.00									-608.2	-55.0	7.1	-54.7	-14.0
		-47.3	-.8	2911	1379	-16.2	-.6	0	13					
33RD	403.00									-560.9	-54.2	6.4	-47.1	-13.3
		-47.9	-.6	2911	1379	-16.5	-.4	0	13					
34TH	416.00									-513.0	-53.7	5.7	-40.2	-12.6
		-47.5	-.5	2911	1379	-16.3	-.3	0	13					
35TH	429.00									-465.5	-53.2	5.0	-33.8	-11.9
		-47.1	-.4	2911	1379	-16.2	-.3	0	12					
36TH	442.00									-418.3	-52.8	4.3	-28.1	-11.3
		-46.7	-.3	2911	1379	-16.1	-.2	0	11					
37TH	455.00									-371.6	-52.5	3.6	-22.9	-10.8
		-46.4	-.2	2911	1379	-15.9	-.2	0	10					
38TH	468.00									-325.2	-52.3	2.9	-18.4	-10.3
		-38.5	-4.9	2584	958	-14.9	-5.1	7	25					
39TH	481.00									-286.8	-47.4	2.3	-14.4	-9.2
		-37.1	-5.9	2557	923	-14.5	-6.4	9	27					
40TH	494.00									-249.7	-41.4	1.7	-10.9	-8.0
		-38.8	-7.3	2557	923	-15.2	-7.9	9	22					
41ST	507.00									-210.9	-34.1	1.2	-7.9	-7.0
		-39.5	-7.4	2557	923	-15.4	-8.1	8	21					
42ND	520.00									-171.4	-26.7	.8	-5.4	-6.1
		-39.7	-7.2	2557	923	-15.5	-7.8	8	21					
43RD	533.00									-131.7	-19.5	.5	-3.5	-5.1
		-39.9	-6.9	2557	923	-15.6	-7.5	8	21					
44TH	546.00									-91.7	-12.6	.3	-2.0	-4.2
		-34.4	-3.6	2027	1136	-17.0	-3.2	9	43					
45TH	562.00									-57.3	-9.0	.1	-.8	-2.5
		-57.3	-9.0	3673	2059	-15.6	-4.4	13	39					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1019.7	-443.8	187.2	-256.8	.6
2ND	20.00	-54.5	6.6	2962	2264	-18.4	2.9	-3	12	-965.2	-450.4	178.2	-237.0	1.3
3RD	30.00	-28.7	1.8	1556	1262	-18.5	1.4	-2	17	-936.5	-452.1	173.7	-227.5	1.9
4TH	40.00	-29.2	1.6	1556	1262	-18.8	1.3	-2	18	-907.3	-453.8	169.2	-218.3	2.5
5TH	50.00	-29.7	1.5	1556	1262	-19.1	1.2	-2	18	-877.6	-455.3	164.7	-209.3	3.1
6TH	60.00	-30.1	1.4	1556	1262	-19.4	1.1	-2	19	-847.5	-456.7	160.1	-200.7	3.7
7TH	70.00	-30.4	1.3	1556	1262	-19.5	1.0	-2	19	-817.1	-458.0	155.5	-192.4	4.3
8TH	80.00	-29.9	.9	1556	1262	-19.2	.7	-1	20	-787.2	-458.9	150.9	-184.4	5.0
9TH	90.00	-29.4	.6	1556	1262	-18.9	.5	-1	20	-757.8	-459.5	146.3	-176.6	5.7
10TH	100.00	-28.9	.3	1556	1262	-18.6	.3	-0	21	-728.8	-459.9	141.7	-169.2	6.3
11TH	110.00	-28.4	.0	1556	1262	-18.3	.0	-0	21	-700.4	-459.9	137.1	-162.1	7.0
12TH	120.00	-28.0	-.3	1556	1262	-18.0	-.2	0	22	-672.4	-459.6	132.5	-155.2	7.7
13TH	130.00	-27.2	-.8	1556	1262	-17.5	-.6	1	22	-645.2	-458.8	128.0	-148.6	8.3
14TH	156.00	-48.1	-2.5	5822	2758	-8.3	-.9	2	22	-597.1	-456.3	116.1	-132.5	9.5
15TH	169.00	-24.4	-1.7	2911	1379	-8.4	-1.2	4	25	-572.7	-454.7	110.1	-124.9	10.2
16TH	182.00	-24.6	-2.0	2911	1379	-8.4	-1.4	4	27	-548.1	-452.7	104.2	-117.6	11.0
17TH	195.00	-23.0	-2.2	2911	1379	-7.9	-1.6	5	24	-525.2	-450.5	98.4	-110.6	11.6
18TH	208.00	-20.4	-2.4	2911	1379	-7.0	-1.7	4	18	-504.8	-448.1	92.5	-103.9	12.0
19TH	221.00	-17.8	-2.6	2911	1379	-6.1	-1.9	3	10	-487.0	-445.5	86.7	-97.5	12.2
20TH	234.00	-15.2	-2.8	2911	1379	-5.2	-2.0	0	0	-471.9	-442.7	80.9	-91.2	12.2
21ST	247.00	-12.9	-4.5	2911	1379	-4.4	-3.3	-9	-13	-459.0	-438.2	75.2	-85.2	12.0
22ND	260.00	-12.7	-7.5	2911	1379	-4.4	-5.4	-19	-15	-446.3	-430.7	69.6	-79.3	11.7
23RD	273.00	-12.5	-10.4	2911	1379	-4.3	-7.6	-28	-16	-433.8	-420.2	64.0	-73.6	11.3
24TH	286.00	-12.3	-13.4	2911	1379	-4.2	-9.7	-35	-16	-421.5	-406.8	58.7	-68.0	10.9
25TH	299.00	-12.1	-15.4	2911	1379	-4.2	-11.2	-41	-15	-409.4	-391.4	53.5	-62.6	10.3
		-11.9	-16.2	2911	1379	-4.1	-11.8	-44	-16					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-397.5	-375.2	48.5	-57.4	9.7
		-11.8	-17.1	2911	1379	-4.0	-12.4	-48	-16					
27TH	325.00									-385.7	-358.1	43.7	-52.3	9.1
		-11.6	-17.9	2911	1379	-4.0	-13.0	-52	-16					
28TH	338.00									-374.2	-340.3	39.2	-47.3	8.4
		-11.5	-18.8	2911	1379	-3.9	-13.6	-54	-16					
29TH	351.00									-362.7	-321.4	34.9	-42.5	7.7
		-13.3	-18.5	2911	1379	-4.6	-13.4	-66	-23					
30TH	364.00									-349.4	-303.0	30.8	-37.9	6.7
		-16.1	-18.9	2911	1379	-5.5	-13.7	-53	-22					
31ST	377.00									-333.3	-284.1	27.0	-33.5	5.8
		-18.9	-19.2	2911	1379	-6.5	-13.9	-43	-20					
32ND	390.00									-314.4	-264.9	23.4	-29.3	4.9
		-21.8	-19.6	2911	1379	-7.5	-14.2	-35	-19					
33RD	403.00									-292.6	-245.3	20.1	-25.3	4.1
		-23.5	-19.6	2911	1379	-8.1	-14.2	-32	-18					
34TH	416.00									-269.1	-225.7	17.1	-21.7	3.3
		-24.1	-19.3	2911	1379	-8.3	-14.0	-32	-19					
35TH	429.00									-245.0	-206.3	14.3	-18.3	2.4
		-24.6	-19.1	2911	1379	-8.5	-13.8	-32	-20					
36TH	442.00									-220.4	-187.3	11.7	-15.3	1.6
		-25.1	-18.8	2911	1379	-8.6	-13.6	-33	-21					
37TH	455.00									-195.3	-168.5	9.4	-12.6	.7
		-25.7	-18.5	2911	1379	-8.8	-13.4	-33	-22					
38TH	468.00									-169.6	-150.0	7.3	-10.2	-.3
		-15.6	-21.3	2584	958	-6.1	-22.3	-15	-5					
39TH	481.00									-153.9	-128.7	5.5	-8.1	-.5
		-15.6	-21.5	2557	923	-6.1	-23.3	-10	-4					
40TH	494.00									-138.3	-107.2	4.0	-6.2	-.7
		-18.3	-22.0	2557	923	-7.2	-23.9	-15	-6					
41ST	507.00									-120.1	-85.2	2.7	-4.5	-1.0
		-20.7	-20.7	2557	923	-8.1	-22.5	-11	-5					
42ND	520.00									-99.4	-64.4	1.8	-3.1	-1.3
		-22.9	-19.0	2557	923	-9.0	-20.6	-6	-4					
43RD	533.00									-76.4	-45.4	1.0	-2.0	-1.4
		-25.1	-17.2	2557	923	-9.8	-18.6	-2	-1					
44TH	546.00									-51.3	-28.2	.6	-1.1	-1.5
		-18.6	-13.5	2027	1136	-9.2	-11.9	25	16					
45TH	562.00									-32.7	-14.7	.2	-.5	-1.0
		-32.7	-14.7	3673	2059	-8.9	-7.2	21	22					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-41.0	8.3	2962	2264	-13.8	3.7	-2	4	330.4	-270.7	143.3	226.6	20.5
2ND	20.00	-21.4	3.7	1556	1262	-13.8	2.9	-3	7	371.4	-278.9	137.8	219.6	20.7
3RD	30.00	-21.8	3.8	1556	1262	-14.0	3.0	-3	8	392.8	-282.6	135.0	215.8	20.8
4TH	40.00	-22.2	3.8	1556	1262	-14.3	3.0	-3	8	414.6	-286.4	132.1	211.7	21.0
5TH	50.00	-22.6	3.9	1556	1262	-14.5	3.1	-3	9	436.7	-290.2	129.3	207.5	21.2
6TH	60.00	-22.8	3.8	1556	1262	-14.7	3.0	-3	9	459.3	-294.1	126.3	203.0	21.4
7TH	70.00	-22.3	3.5	1556	1262	-14.3	2.8	-3	10	482.1	-297.9	123.4	198.3	21.7
8TH	80.00	-21.8	3.2	1556	1262	-14.0	2.5	-4	12	504.4	-301.4	120.4	193.4	21.9
9TH	90.00	-21.3	2.9	1556	1262	-13.7	2.3	-4	14	526.2	-304.6	117.3	188.2	22.2
10TH	100.00	-20.8	2.6	1556	1262	-13.4	2.0	-4	16	547.5	-307.4	114.3	182.8	22.6
11TH	110.00	-20.3	2.3	1556	1262	-13.1	1.8	-4	18	568.3	-310.0	111.2	177.3	22.9
12TH	120.00	-19.7	1.9	1556	1262	-12.6	1.5	-4	20	588.6	-312.3	108.1	171.5	23.4
13TH	130.00	-6.7	3.8	5822	2758	-1.1	1.4	-91	76	608.3	-314.1	105.0	165.5	23.8
14TH	156.00	-2.6	2.2	2911	1379	-.9	1.6	-162	93	615.0	-318.0	96.7	149.6	24.5
15TH	169.00	-2.1	2.4	2911	1379	-.7	1.7	-224	98	617.6	-320.2	92.6	141.6	25.0
16TH	182.00	.2	2.8	2911	1379	.1	2.0	-288	-10	619.8	-322.5	88.4	133.5	25.5
17TH	195.00	3.6	3.3	2911	1379	1.2	2.4	-68	-35	619.6	-325.3	84.2	125.5	25.9
18TH	208.00	6.9	3.8	2911	1379	2.4	2.7	-9	-8	616.0	-328.6	80.0	117.5	26.2
19TH	221.00	10.3	4.3	2911	1379	3.5	3.1	6	7	609.1	-332.4	75.7	109.5	26.3
20TH	234.00	13.2	3.0	2911	1379	4.5	2.2	9	18	598.9	-336.7	71.3	101.6	26.2
21ST	247.00	14.3	.4	2911	1379	4.9	.3	1	23	585.6	-339.7	66.9	93.9	25.9
22ND	260.00	15.3	-2.2	2911	1379	5.2	-1.6	-7	25	571.4	-340.1	62.5	86.4	25.5
23RD	273.00	16.3	-4.8	2911	1379	5.6	-3.5	-16	26	556.1	-337.9	58.1	79.1	25.1
24TH	286.00	17.8	-6.3	2911	1379	6.1	-4.6	-19	26	539.8	-333.2	53.7	72.0	24.6
25TH	299.00	21.0	-6.4	2911	1379	7.2	-4.7	-18	29	522.0	-326.9	49.4	65.1	24.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									501.0	-320.5	45.2	58.4	23.3
		24.3	-6.5	2911	1379	8.3	-4.7	-17	31					
27TH	325.00									476.8	-313.9	41.1	52.1	22.4
		27.5	-6.7	2911	1379	9.4	-4.8	-16	32					
28TH	338.00									449.3	-307.2	37.1	46.0	21.4
		30.8	-6.9	2911	1379	10.6	-5.0	-16	33					
29TH	351.00									418.5	-300.3	33.1	40.4	20.2
		32.4	-12.9	2911	1379	11.1	-9.4	-25	30					
30TH	364.00									386.0	-287.4	29.3	35.2	18.9
		31.1	-15.4	2911	1379	10.7	-11.2	-30	29					
31ST	377.00									355.0	-271.9	25.7	30.4	17.7
		29.7	-17.9	2911	1379	10.2	-13.0	-35	28					
32ND	390.00									325.3	-254.0	22.2	25.9	16.4
		28.3	-20.4	2911	1379	9.7	-14.8	-39	26					
33RD	403.00									296.9	-233.5	19.1	21.9	15.2
		27.6	-21.3	2911	1379	9.5	-15.4	-41	26					
34TH	416.00									269.4	-212.3	16.2	18.2	13.9
		27.4	-20.2	2911	1379	9.4	-14.7	-41	27					
35TH	429.00									242.0	-192.0	13.5	14.9	12.7
		27.3	-19.2	2911	1379	9.4	-13.9	-41	28					
36TH	442.00									214.7	-172.8	11.2	11.9	11.4
		27.2	-18.2	2911	1379	9.3	-13.2	-41	29					
37TH	455.00									187.5	-154.7	9.0	9.3	10.2
		27.0	-17.1	2911	1379	9.3	-12.4	-40	30					
38TH	468.00									160.5	-137.6	7.1	7.0	8.9
		28.8	-15.5	2584	958	11.1	-16.2	-32	28					
39TH	481.00									131.7	-122.0	5.5	5.1	7.7
		27.1	-18.1	2557	923	10.6	-19.6	-35	25					
40TH	494.00									104.6	-103.9	4.0	3.6	6.6
		24.0	-20.7	2557	923	9.4	-22.4	-43	24					
41ST	507.00									80.6	-83.3	2.8	2.4	5.5
		21.4	-19.6	2557	923	8.4	-21.3	-49	25					
42ND	520.00									59.3	-63.6	1.8	1.5	4.4
		19.0	-17.6	2557	923	7.4	-19.1	-54	28					
43RD	533.00									40.3	-46.0	1.1	.8	3.3
		16.6	-15.5	2557	923	6.5	-16.8	-60	31					
44TH	546.00									23.6	-30.6	.6	.4	2.3
		13.0	-14.4	2027	1136	6.4	-12.7	-82	36					
45TH	562.00									10.6	-16.2	.2	.2	1.1
		10.6	-16.2	3673	2059	2.9	-7.9	-93	29					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									768.9	154.3	4.3	421.5	17.6
2ND	20.00	-35.7	13.6	2962	2264	-12.0	6.0	5	-6	804.6	140.8	7.3	405.7	17.3
3RD	30.00	-19.2	7.0	1556	1262	-12.4	5.5	2	-3	823.8	133.8	8.7	397.6	17.2
4TH	40.00	-20.1	7.2	1556	1262	-12.9	5.7	1	-1	843.9	126.6	10.0	389.2	17.2
5TH	50.00	-21.0	7.5	1556	1262	-13.5	5.9	-1	1	864.9	119.1	11.2	380.7	17.3
6TH	60.00	-21.8	7.7	1556	1262	-14.0	6.1	-2	2	886.7	111.4	12.3	371.9	17.3
7TH	70.00	-22.5	7.9	1556	1262	-14.5	6.3	-3	4	909.2	103.5	13.4	363.0	17.4
8TH	80.00	-22.3	8.1	1556	1262	-14.3	6.4	-3	3	931.5	95.4	14.4	353.8	17.5
9TH	90.00	-22.1	8.3	1556	1262	-14.2	6.6	-3	3	953.6	87.2	15.3	344.3	17.6
10TH	100.00	-21.8	8.5	1556	1262	-14.0	6.7	-3	3	975.4	78.7	16.2	334.7	17.7
11TH	110.00	-21.6	8.7	1556	1262	-13.9	6.9	-3	3	997.0	70.0	16.9	324.8	17.8
12TH	120.00	-21.4	8.9	1556	1262	-13.8	7.1	-3	3	1018.5	61.1	17.6	314.7	17.9
13TH	130.00	-21.0	9.0	1556	1262	-13.5	7.1	-2	3	1039.5	52.1	18.1	304.5	18.0
14TH	156.00	-4.2	20.1	5822	2758	-.7	7.3	-47	5	1043.7	32.0	19.2	277.4	18.5
15TH	169.00	-2.2	10.7	2911	1379	-.8	7.8	-55	6	1045.9	21.3	19.6	263.8	18.8
16TH	182.00	-2.3	11.1	2911	1379	-.8	8.1	-60	6	1048.2	10.2	19.8	250.2	19.2
17TH	195.00	-.8	12.1	2911	1379	-.3	8.8	-48	2	1049.0	-1.9	19.8	236.5	19.5
18TH	208.00	1.7	13.0	2911	1379	.6	9.5	-26	-2	1047.4	-14.9	19.7	222.9	19.7
19TH	221.00	4.1	14.0	2911	1379	1.4	10.2	-7	-1	1043.3	-28.9	19.4	209.3	19.7
20TH	234.00	6.5	15.0	2911	1379	2.2	10.9	8	2	1036.7	-43.9	18.9	195.8	19.7
21ST	247.00	10.1	13.9	2911	1379	3.5	10.1	18	6	1026.7	-57.8	18.3	182.4	19.5
22ND	260.00	13.0	11.3	2911	1379	4.5	8.2	15	8	1013.6	-69.1	17.5	169.1	19.2
23RD	273.00	16.0	8.6	2911	1379	5.5	6.2	10	9	997.7	-77.7	16.5	156.1	19.0
24TH	286.00	18.9	5.9	2911	1379	6.5	4.3	6	9	978.8	-83.6	15.5	143.2	18.8
25TH	299.00	22.4	4.2	2911	1379	7.7	3.0	4	10	956.4	-87.8	14.3	130.6	18.6
		28.0	3.7	2911	1379	9.6	2.6	4	13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									928.4	-91.5	13.2	118.4	18.2
		33.7	3.1	2911	1379	11.6	2.3	3	16					
27TH	325.00									894.7	-94.6	12.0	106.5	17.6
		39.4	2.6	2911	1379	13.5	1.9	2	18					
28TH	338.00									855.2	-97.1	10.7	95.2	16.8
		45.2	2.2	2911	1379	15.5	1.6	2	19					
29TH	351.00									810.1	-99.3	9.4	84.3	15.9
		50.4	-4.0	2911	1379	17.3	-2.9	-3	20					
30TH	364.00									759.6	-95.3	8.2	74.1	14.7
		49.7	-5.9	2911	1379	17.1	-4.3	-4	18					
31ST	377.00									710.0	-89.3	7.0	64.6	13.7
		48.9	-7.9	2911	1379	16.8	-5.7	-5	15					
32ND	390.00									661.0	-81.5	5.9	55.7	12.9
		48.2	-9.8	2911	1379	16.6	-7.1	-6	13					
33RD	403.00									612.8	-71.7	4.9	47.4	12.2
		49.1	-10.2	2911	1379	16.9	-7.4	-5	12					
34TH	416.00									563.7	-61.5	4.0	39.7	11.5
		51.9	-9.0	2911	1379	17.8	-6.5	-4	12					
35TH	429.00									511.8	-52.5	3.3	32.7	10.8
		54.7	-7.8	2911	1379	18.8	-5.6	-3	12					
36TH	442.00									457.1	-44.8	2.6	26.5	10.1
		57.5	-6.5	2911	1379	19.7	-4.7	-3	12					
37TH	455.00									399.7	-38.2	2.1	20.9	9.3
		60.2	-5.3	2911	1379	20.7	-3.8	-2	11					
38TH	468.00									339.4	-32.9	1.6	16.1	8.5
		55.9	-.4	2584	958	21.6	-.4	-0	16					
39TH	481.00									283.6	-32.5	1.2	12.0	7.6
		51.7	-3.7	2557	923	20.2	-4.0	-2	14					
40TH	494.00									231.8	-28.8	.8	8.7	6.8
		46.6	-8.5	2557	923	18.2	-9.2	-5	13					
41ST	507.00									185.2	-20.3	.5	6.0	6.1
		43.9	-7.7	2557	923	17.2	-8.3	-6	16					
42ND	520.00									141.4	-12.6	.3	3.8	5.3
		41.8	-5.3	2557	923	16.4	-5.7	-6	22					
43RD	533.00									99.6	-7.3	.1	2.3	4.3
		39.8	-2.7	2557	923	15.6	-3.0	-4	28					
44TH	546.00									59.8	-4.6	.1	1.2	3.0
		25.8	-3.1	2027	1136	12.7	-2.7	-12	48					
45TH	562.00									34.0	-1.5	0	.5	1.7
		34.0	-1.5	3673	2059	9.2	-.7	-4	44					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									850.1	610.2	-167.4	388.4	-2.7
2ND	20.00	-25.0	25.5	2962	2264	-8.4	11.2	35	-16	875.2	584.8	-155.4	371.1	-3.6
3RD	30.00	-13.5	14.0	1556	1262	-8.6	11.1	32	-15	888.6	570.8	-149.6	362.3	-4.1
4TH	40.00	-14.3	14.5	1556	1262	-9.2	11.5	27	-13	902.9	556.4	-144.0	353.3	-4.5
5TH	50.00	-15.1	15.0	1556	1262	-9.7	11.9	23	-11	918.0	541.4	-138.5	344.2	-4.9
6TH	60.00	-15.9	15.5	1556	1262	-10.2	12.3	20	-10	933.9	525.9	-133.2	335.0	-5.2
7TH	70.00	-16.6	15.9	1556	1262	-10.6	12.6	18	-9	950.4	510.0	-128.0	325.5	-5.5
8TH	80.00	-16.7	15.8	1556	1262	-10.7	12.5	17	-9	967.1	494.2	-123.0	316.0	-5.8
9TH	90.00	-16.8	15.6	1556	1262	-10.8	12.4	17	-9	983.8	478.6	-118.1	306.2	-6.1
10TH	100.00	-16.9	15.4	1556	1262	-10.9	12.2	16	-8	1000.8	463.2	-113.4	296.3	-6.4
11TH	110.00	-17.1	15.2	1556	1262	-11.0	12.0	15	-8	1017.8	448.1	-108.8	286.2	-6.7
12TH	120.00	-17.2	14.9	1556	1262	-11.1	11.8	14	-8	1035.0	433.1	-104.4	275.9	-6.9
13TH	130.00	-17.2	14.6	1556	1262	-11.0	11.5	14	-8	1052.2	418.6	-100.2	265.5	-7.2
14TH	156.00	20.8	27.2	5822	2758	3.6	9.9	-7	-3	1031.4	391.4	-89.6	238.4	-7.1
15TH	169.00	10.6	13.8	2911	1379	3.6	10.0	-16	-6	1020.8	377.6	-84.7	225.1	-6.9
16TH	182.00	10.7	14.0	2911	1379	3.7	10.1	-22	-8	1010.1	363.6	-79.8	211.9	-6.6
17TH	195.00	12.0	14.8	2911	1379	4.1	10.8	-18	-7	998.1	348.7	-75.2	198.8	-6.4
18TH	208.00	13.8	15.8	2911	1379	4.7	11.4	-11	-5	984.3	333.0	-70.8	185.9	-6.2
19TH	221.00	15.6	16.7	2911	1379	5.4	12.1	-5	-2	968.7	316.3	-66.6	173.2	-6.1
20TH	234.00	17.5	17.6	2911	1379	6.0	12.8	-0	-0	951.2	298.7	-62.6	160.7	-6.1
21ST	247.00	19.9	16.9	2911	1379	6.8	12.2	3	2	931.3	281.8	-58.8	148.5	-6.2
22ND	260.00	21.6	14.8	2911	1379	7.4	10.7	0	0	909.7	267.0	-55.2	136.5	-6.2
23RD	273.00	23.3	12.7	2911	1379	8.0	9.2	-2	-1	886.4	254.4	-51.8	124.9	-6.1
24TH	286.00	25.0	10.6	2911	1379	8.6	7.7	-3	-3	861.4	243.8	-48.6	113.5	-6.0
25TH	299.00	27.2	9.6	2911	1379	9.4	6.9	-3	-4	834.1	234.3	-45.5	102.5	-5.9
		31.3	9.9	2911	1379	10.7	7.2	-0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	35.3	10.3	2911	1379	12.1	7.5	2	3	802.9	224.3	-42.5	91.9	-5.9
27TH	325.00	39.4	10.7	2911	1379	13.5	7.7	3	6	767.5	214.0	-39.7	81.6	-6.0
28TH	338.00	43.5	11.1	2911	1379	14.9	8.1	4	8	728.2	203.4	-36.9	71.9	-6.3
29TH	351.00	47.4	4.9	2911	1379	16.3	3.6	2	9	684.7	192.2	-34.4	62.7	-6.7
30TH	364.00	47.1	3.2	2911	1379	16.2	2.3	1	6	637.3	187.3	-31.9	54.1	-7.2
31ST	377.00	46.9	1.4	2911	1379	16.1	1.0	0	2	590.2	184.1	-29.5	46.2	-7.5
32ND	390.00	46.6	-.3	2911	1379	16.0	-.2	0	-1	543.3	182.7	-27.1	38.8	-7.6
33RD	403.00	47.5	-.6	2911	1379	16.3	-.4	0	-3	496.7	183.0	-24.7	32.0	-7.5
34TH	416.00	49.7	.8	2911	1379	17.1	.6	-0	-3	449.2	183.5	-22.3	25.9	-7.4
35TH	429.00	51.9	2.2	2911	1379	17.8	1.6	-0	-4	399.5	182.7	-20.0	20.4	-7.2
36TH	442.00	54.1	3.6	2911	1379	18.6	2.6	-1	-4	347.6	180.5	-17.6	15.5	-7.0
37TH	455.00	56.3	4.9	2911	1379	19.3	3.6	-1	-5	293.5	177.0	-15.3	11.4	-6.7
38TH	468.00	51.7	12.8	2584	958	20.0	13.4	-1	-3	237.3	172.0	-13.0	7.9	-6.4
39TH	481.00	46.4	10.2	2557	923	18.1	11.0	-4	-8	185.6	159.2	-10.9	5.2	-6.3
40TH	494.00	41.2	8.7	2557	923	16.1	9.4	-7	-16	139.2	149.0	-8.9	3.0	-5.8
41ST	507.00	37.7	10.9	2557	923	14.7	11.8	-10	-16	98.0	140.3	-7.0	1.5	-5.1
42ND	520.00	34.6	14.2	2557	923	13.5	15.3	-11	-13	60.3	129.4	-5.2	.5	-4.3
43RD	533.00	31.5	17.7	2557	923	12.3	19.1	-12	-10	25.7	115.3	-3.6	-.1	-3.7
44TH	546.00	1.8	32.5	2027	1136	.9	28.6	-56	-2	-5.8	97.6	-2.2	-.2	-3.3
45TH	562.00	-7.6	65.1	3673	2059	-2.1	31.6	-66	4	-7.6	65.1	-.9	-.1	-2.3
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									879.4	872.2	-240.0	384.6	-4.0
2ND	20.00	-23.5	37.9	2962	2264	-7.9	16.8	30	-9	903.0	834.3	-222.9	366.8	-4.9
3RD	30.00	-11.8	21.5	1556	1262	-7.6	17.1	36	-9	914.7	812.7	-214.7	357.7	-5.4
4TH	40.00	-12.4	22.2	1556	1262	-8.0	17.6	33	-9	927.1	790.5	-206.6	348.5	-5.9
5TH	50.00	-13.0	22.9	1556	1262	-8.3	18.1	30	-8	940.1	767.7	-198.9	339.1	-6.4
6TH	60.00	-13.6	23.5	1556	1262	-8.7	18.7	28	-8	953.6	744.1	-191.3	329.7	-6.9
7TH	70.00	-14.1	24.2	1556	1262	-9.1	19.2	27	-7	967.7	719.9	-184.0	320.1	-7.3
8TH	80.00	-14.4	24.0	1556	1262	-9.2	19.0	28	-8	982.1	695.9	-176.9	310.3	-7.8
9TH	90.00	-14.7	23.7	1556	1262	-9.4	18.8	29	-9	996.8	672.2	-170.1	300.4	-8.3
10TH	100.00	-15.0	23.3	1556	1262	-9.7	18.5	30	-9	1011.8	648.9	-163.5	290.4	-8.8
11TH	110.00	-15.3	23.0	1556	1262	-9.9	18.2	30	-10	1027.2	625.9	-157.1	280.2	-9.4
12TH	120.00	-15.7	22.7	1556	1262	-10.1	18.0	31	-10	1042.8	603.2	-150.9	269.8	-9.9
13TH	130.00	-16.2	22.5	1556	1262	-10.4	17.9	31	-11	1059.1	580.7	-145.0	259.3	-10.5
14TH	156.00	25.0	41.0	5822	2758	4.3	14.9	7	2	1034.1	539.6	-130.5	232.1	-10.7
15TH	169.00	13.5	19.6	2911	1379	4.6	14.2	2	1	1020.5	520.1	-123.6	218.8	-10.7
16TH	182.00	14.2	18.9	2911	1379	4.9	13.7	-1	-0	1006.3	501.1	-116.9	205.6	-10.7
17TH	195.00	16.5	18.5	2911	1379	5.7	13.4	-2	-1	989.9	482.6	-110.5	192.6	-10.7
18TH	208.00	19.5	18.1	2911	1379	6.7	13.1	-0	-0	970.3	464.6	-104.4	179.9	-10.6
19TH	221.00	22.6	17.7	2911	1379	7.8	12.8	1	0	947.7	446.9	-98.5	167.4	-10.7
20TH	234.00	25.7	17.2	2911	1379	8.8	12.5	2	1	922.1	429.7	-92.8	155.3	-10.7
21ST	247.00	27.6	16.3	2911	1379	9.5	11.9	2	1	894.4	413.3	-87.3	143.4	-10.8
22ND	260.00	27.5	15.1	2911	1379	9.5	10.9	-1	-1	866.9	398.3	-82.0	132.0	-10.7
23RD	273.00	27.4	13.8	2911	1379	9.4	10.0	-4	-3	839.5	384.5	-76.9	120.9	-10.6
24TH	286.00	27.2	12.5	2911	1379	9.4	9.1	-6	-6	812.3	372.0	-72.0	110.2	-10.4
25TH	299.00	27.5	11.9	2911	1379	9.5	8.6	-7	-8	784.8	360.2	-67.2	99.8	-10.1
		29.8	12.1	2911	1379	10.2	8.7	-4	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									755.0	348.1	-62.6	89.8	-9.9
27TH	325.00	32.0	12.2	2911	1379	11.0	8.9	-2	-3	723.1	335.9	-58.2	80.2	-9.8
28TH	338.00	34.2	12.4	2911	1379	11.7	9.0	-1	-1	688.9	323.4	-53.9	71.0	-9.8
29TH	351.00	36.5	12.8	2911	1379	12.5	9.3	1	1	652.4	310.6	-49.8	62.3	-9.8
30TH	364.00	42.3	8.5	2911	1379	14.5	6.2	2	4	610.1	302.1	-45.8	54.1	-10.0
31ST	377.00	42.3	7.7	2911	1379	14.5	5.6	-0	-0	567.8	294.3	-41.9	46.4	-10.0
32ND	390.00	42.4	6.9	2911	1379	14.6	5.0	-2	-5	525.4	287.4	-38.1	39.3	-9.8
33RD	403.00	42.4	6.2	2911	1379	14.6	4.5	-3	-10	482.9	281.2	-34.4	32.8	-9.3
34TH	416.00	43.6	6.4	2911	1379	15.0	4.6	-4	-12	439.3	274.9	-30.8	26.8	-8.7
35TH	429.00	46.1	7.7	2911	1379	15.8	5.6	-4	-11	393.3	267.2	-27.3	21.3	-8.2
36TH	442.00	48.5	9.0	2911	1379	16.7	6.5	-4	-10	344.8	258.3	-23.9	16.5	-7.6
37TH	455.00	50.9	10.3	2911	1379	17.5	7.4	-4	-10	293.9	248.0	-20.6	12.4	-7.0
38TH	468.00	53.4	11.6	2911	1379	18.3	8.4	-4	-9	240.5	236.4	-17.4	8.9	-6.5
39TH	481.00	47.4	18.1	2584	958	18.3	18.9	-4	-6	193.1	218.3	-14.5	6.1	-6.1
40TH	494.00	43.2	15.9	2557	923	16.9	17.2	-8	-10	149.9	202.4	-11.8	3.9	-5.6
41ST	507.00	39.3	14.1	2557	923	15.4	15.2	-12	-16	110.5	188.3	-9.2	2.2	-4.8
42ND	520.00	37.4	16.2	2557	923	14.6	17.5	-14	-16	73.1	172.1	-6.9	1.0	-4.0
43RD	533.00	35.9	19.4	2557	923	14.1	21.0	-14	-12	37.2	152.8	-4.8	.3	-3.4
44TH	546.00	34.5	22.9	2557	923	13.5	24.8	-13	-9	2.7	129.9	-2.9	.0	-2.8
45TH	562.00	3.0	46.0	2027	1136	1.5	40.5	-39	-1	-.4	83.9	-1.2	-.0	-1.9
TOP	591.00	-.4	83.9	3673	2059	-.1	40.7	-43	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-28.0	54.7	2962	2264	-9.5	24.1	27	-7	299.8	1331.0	-353.9	227.1	-7.3
2ND	20.00									327.9	1276.4	-327.8	220.9	-8.3
		-13.3	33.2	1556	1262	-8.5	26.3	40	-8	341.1	1243.2	-315.2	217.5	-9.1
3RD	30.00									355.6	1209.1	-302.9	214.0	-9.8
		-14.5	34.1	1556	1262	-9.3	27.0	35	-7	371.4	1174.0	-291.0	210.4	-10.5
4TH	40.00									388.3	1138.1	-279.5	206.6	-11.1
		-15.7	35.0	1556	1262	-10.1	27.8	31	-7	406.3	1101.2	-268.3	202.6	-11.7
5TH	50.00									424.7	1064.7	-257.4	198.5	-12.3
		-16.9	36.0	1556	1262	-10.9	28.5	26	-6	443.4	1028.7	-247.0	194.1	-12.8
6TH	60.00									462.5	993.1	-236.9	189.6	-13.4
		-18.0	36.8	1556	1262	-11.6	29.2	23	-5	482.0	958.1	-227.1	184.9	-13.9
7TH	70.00									501.8	923.5	-217.7	180.0	-14.5
		-18.4	36.5	1556	1262	-11.8	29.0	23	-6	521.6	889.9	-208.6	174.8	-15.1
8TH	80.00									520.4	831.0	-186.3	161.3	-13.7
		-18.7	36.0	1556	1262	-12.0	28.6	23	-6	521.1	803.3	-175.6	154.5	-12.9
9TH	90.00									522.6	776.7	-165.4	147.7	-12.1
		-19.1	35.5	1556	1262	-12.3	28.2	23	-6	523.2	751.3	-155.4	141.0	-11.4
10TH	100.00									522.1	726.9	-145.8	134.2	-10.7
		-19.5	35.0	1556	1262	-12.5	27.8	23	-6	519.2	703.6	-136.5	127.4	-10.2
11TH	110.00									514.7	681.5	-127.5	120.7	-9.8
		-19.8	34.5	1556	1262	-12.7	27.4	23	-6	509.2	659.8	-118.8	114.0	-9.4
12TH	120.00									504.9	638.1	-110.4	107.4	-8.9
		-19.8	33.6	1556	1262	-12.7	26.6	24	-7	501.6	616.3	-102.2	100.9	-8.2
13TH	130.00									499.4	594.5	-94.4	94.4	-7.4
		1.2	58.9	5822	2758	.2	21.4	-45	-0	497.8	572.1	-86.8	87.9	-6.5
14TH	156.00													
		-.7	27.7	2911	1379	-.2	20.1	-52	1					
15TH	169.00													
		-1.5	26.6	2911	1379	-.5	19.3	-56	2					
16TH	182.00													
		-.6	25.5	2911	1379	-.2	18.5	-55	1					
17TH	195.00													
		1.1	24.4	2911	1379	.4	17.7	-49	-1					
18TH	208.00													
		2.8	23.3	2911	1379	1.0	16.9	-42	-2					
19TH	221.00													
		4.6	22.2	2911	1379	1.6	16.1	-34	-3					
20TH	234.00													
		5.4	21.7	2911	1379	1.9	15.7	-32	-4					
21ST	247.00													
		4.4	21.7	2911	1379	1.5	15.8	-43	-4					
22ND	260.00													
		3.3	21.8	2911	1379	1.1	15.8	-55	-4					
23RD	273.00													
		2.2	21.8	2911	1379	.8	15.8	-67	-3					
24TH	286.00													
		1.6	22.4	2911	1379	.5	16.2	-75	-3					
25TH	299.00													
		2.6	23.7	2911	1379	.9	17.2	-64	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									495.2	548.4	-79.5	81.4	-5.7
27TH	325.00	3.6	24.9	2911	1379	1.2	18.1	-55	-4	491.6	523.5	-72.5	75.0	-5.0
28TH	338.00	4.6	26.2	2911	1379	1.6	19.0	-46	-4	487.1	497.3	-65.9	68.7	-4.3
29TH	351.00	5.8	27.5	2911	1379	2.0	20.0	-38	-4	481.2	469.8	-59.6	62.4	-3.8
30TH	364.00	18.5	23.8	2911	1379	6.4	17.2	-6	-2	462.7	446.0	-53.6	56.2	-3.6
31ST	377.00	17.9	23.0	2911	1379	6.1	16.7	-16	-6	444.9	423.0	-48.0	50.3	-3.3
32ND	390.00	17.2	22.3	2911	1379	5.9	16.2	-27	-10	427.6	400.7	-42.6	44.7	-2.8
33RD	403.00	16.6	21.5	2911	1379	5.7	15.6	-39	-15	411.1	379.2	-37.6	39.2	-2.1
34TH	416.00	17.7	21.5	2911	1379	6.1	15.6	-41	-16	393.4	357.6	-32.8	34.0	-1.3
35TH	429.00	20.7	22.4	2911	1379	7.1	16.2	-31	-14	372.7	335.2	-28.3	29.0	-.6
36TH	442.00	23.7	23.2	2911	1379	8.2	16.9	-24	-12	348.9	312.0	-24.1	24.3	-.0
37TH	455.00	26.8	24.1	2911	1379	9.2	17.5	-18	-10	322.2	287.9	-20.2	19.9	.5
38TH	468.00	29.8	24.9	2911	1379	10.2	18.1	-13	-7	292.4	263.0	-16.6	16.0	.9
39TH	481.00	34.7	26.8	2584	958	13.4	28.0	-11	-7	257.6	236.2	-13.3	12.4	1.3
40TH	494.00	35.2	26.2	2557	923	13.8	28.4	-10	-6	222.5	210.0	-10.4	9.3	1.7
41ST	507.00	34.6	24.1	2557	923	13.5	26.1	-8	-5	187.9	185.9	-7.9	6.6	2.0
42ND	520.00	36.8	26.1	2557	923	14.4	28.3	-2	-1	151.1	159.8	-5.6	4.4	2.1
43RD	533.00	39.9	29.4	2557	923	15.6	31.8	4	2	111.2	130.4	-3.7	2.7	1.9
44TH	546.00	42.9	32.6	2557	923	16.8	35.3	9	5	68.3	97.9	-2.3	1.5	1.5
45TH	562.00	25.3	32.3	2027	1136	12.5	28.4	24	9	43.0	65.5	-1.0	.6	.9
TOP	591.00	43.0	65.5	3673	2059	11.7	31.8	18	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									541.4	1355.5	-432.7	296.2	-2.0
2ND	20.00	-21.0	42.2	2962	2264	-7.1	18.6	32	-8	562.3	1313.3	-406.1	285.1	-2.9
3RD	30.00	-9.1	25.7	1556	1262	-5.9	20.3	47	-8	571.5	1287.6	-393.1	279.4	-3.6
4TH	40.00	-9.7	26.2	1556	1262	-6.2	20.8	41	-7	581.1	1261.4	-380.3	273.7	-4.2
5TH	50.00	-10.2	26.7	1556	1262	-6.6	21.2	36	-7	591.3	1234.7	-367.8	267.8	-4.8
6TH	60.00	-10.7	27.2	1556	1262	-6.9	21.6	31	-6	602.0	1207.5	-355.6	261.9	-5.3
7TH	70.00	-11.3	27.8	1556	1262	-7.2	22.0	27	-5	613.3	1179.7	-343.7	255.8	-5.8
8TH	80.00	-11.9	27.7	1556	1262	-7.7	21.9	27	-6	625.2	1152.1	-332.0	249.6	-6.3
9TH	90.00	-12.6	27.4	1556	1262	-8.1	21.7	26	-6	637.8	1124.7	-320.6	243.3	-6.7
10TH	100.00	-13.3	27.1	1556	1262	-8.5	21.5	25	-6	651.1	1097.6	-309.5	236.8	-7.2
11TH	110.00	-14.0	26.8	1556	1262	-9.0	21.3	25	-6	665.1	1070.8	-298.7	230.2	-7.6
12TH	120.00	-14.7	26.6	1556	1262	-9.4	21.0	24	-6	679.8	1044.2	-288.1	223.5	-8.1
13TH	130.00	-14.8	25.7	1556	1262	-9.5	20.3	26	-7	694.5	1018.6	-277.8	216.6	-8.5
14TH	156.00	19.7	37.6	5822	2758	3.4	13.6	-49	-12	674.8	980.9	-251.8	198.8	-7.3
15TH	169.00	9.3	17.2	2911	1379	3.2	12.5	-55	-14	665.5	963.7	-239.2	190.1	-6.6
16TH	182.00	8.9	16.1	2911	1379	3.1	11.7	-59	-16	656.6	947.6	-226.7	181.5	-6.0
17TH	195.00	9.2	15.8	2911	1379	3.2	11.5	-57	-16	647.4	931.8	-214.5	173.1	-5.3
18TH	208.00	9.9	15.6	2911	1379	3.4	11.3	-51	-16	637.5	916.3	-202.5	164.7	-4.7
19TH	221.00	10.6	15.3	2911	1379	3.6	11.1	-46	-15	626.9	900.9	-190.7	156.5	-4.2
20TH	234.00	11.2	15.1	2911	1379	3.9	11.0	-40	-14	615.7	885.8	-179.1	148.4	-3.7
21ST	247.00	11.1	15.7	2911	1379	3.8	11.4	-41	-14	604.6	870.1	-167.7	140.5	-3.2
22ND	260.00	9.4	16.9	2911	1379	3.2	12.3	-53	-14	595.2	853.2	-156.5	132.7	-2.6
23RD	273.00	7.6	18.2	2911	1379	2.6	13.2	-64	-13	587.6	835.0	-145.5	125.0	-1.9
24TH	286.00	5.9	19.4	2911	1379	2.0	14.1	-74	-11	581.7	815.6	-134.8	117.4	-1.0
25TH	299.00	4.1	21.3	2911	1379	1.4	15.5	-80	-7	577.6	794.3	-124.3	109.9	-.1
		2.4	24.1	2911	1379	.8	17.5	-71	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									575.2	770.2	-114.1	102.4	.8
		.6	26.9	2911	1379	.2	19.5	-63	-1					
27TH	325.00									574.6	743.3	-104.3	94.9	1.7
		-1.1	29.7	2911	1379	-.4	21.5	-56	1					
28TH	338.00									575.7	713.6	-94.8	87.4	2.6
		-2.5	32.8	2911	1379	-.8	23.8	-48	2					
29TH	351.00									578.2	680.7	-85.8	79.9	3.4
		18.0	29.9	2911	1379	6.2	21.7	-5	-1					
30TH	364.00									560.2	650.8	-77.1	72.5	3.6
		18.3	30.6	2911	1379	6.3	22.2	-14	-4					
31ST	377.00									541.9	620.2	-68.8	65.4	3.9
		18.6	31.3	2911	1379	6.4	22.7	-23	-6					
32ND	390.00									523.3	588.8	-61.0	58.4	4.4
		19.0	32.1	2911	1379	6.5	23.3	-31	-9					
33RD	403.00									504.3	556.8	-53.5	51.8	5.1
		20.2	33.3	2911	1379	6.9	24.1	-31	-9					
34TH	416.00									484.1	523.5	-46.5	45.3	5.8
		22.4	35.0	2911	1379	7.7	25.4	-22	-7					
35TH	429.00									461.7	488.5	-39.9	39.2	6.4
		24.5	36.8	2911	1379	8.4	26.7	-15	-5					
36TH	442.00									437.2	451.7	-33.8	33.3	6.8
		26.7	38.6	2911	1379	9.2	28.0	-8	-3					
37TH	455.00									410.4	413.1	-28.2	27.8	7.0
		28.9	40.3	2911	1379	9.9	29.2	-3	-1					
38TH	468.00									381.5	372.8	-23.1	22.7	7.1
		37.9	39.1	2584	958	14.7	40.8	-4	-2					
39TH	481.00									343.7	333.7	-18.5	18.0	7.3
		40.4	37.2	2557	923	15.8	40.3	-0	-0					
40TH	494.00									303.3	296.5	-14.4	13.8	7.3
		40.2	36.0	2557	923	15.7	39.0	7	4					
41ST	507.00									263.1	260.5	-10.8	10.1	7.0
		44.3	39.2	2557	923	17.3	42.5	12	7					
42ND	520.00									218.8	221.3	-7.7	6.9	6.4
		49.6	43.7	2557	923	19.4	47.3	15	8					
43RD	533.00									169.3	177.6	-5.1	4.4	5.6
		54.9	47.9	2557	923	21.5	51.9	18	10					
44TH	546.00									114.4	129.8	-3.1	2.6	4.6
		40.4	39.7	2027	1136	19.9	35.0	42	21					
45TH	562.00									74.0	90.0	-1.3	1.1	2.8
		74.0	90.0	3673	2059	20.1	43.7	35	14					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									626.8	970.7	-304.6	264.9	9.9
2ND	20.00	5.7	36.2	2962	2264	1.9	16.0	50	4	621.1	934.5	-285.6	252.5	8.9
3RD	30.00	3.8	23.0	1556	1262	2.4	18.3	64	5	617.3	911.5	-276.3	246.3	8.1
4TH	40.00	2.7	23.4	1556	1262	1.7	18.5	58	3	614.7	888.1	-267.4	240.1	7.3
5TH	50.00	1.6	23.7	1556	1262	1.0	18.8	52	2	613.1	864.4	-258.6	234.0	6.7
6TH	60.00	.5	24.1	1556	1262	.3	19.1	45	0	612.6	840.3	-250.1	227.8	6.1
7TH	70.00	-.6	24.4	1556	1262	-.4	19.3	40	-0	613.2	815.9	-241.8	221.7	5.6
8TH	80.00	-1.8	22.8	1556	1262	-1.1	18.0	40	-1	615.0	793.1	-233.7	215.6	5.1
9TH	90.00	-2.9	20.7	1556	1262	-1.9	16.4	40	-3	617.9	772.4	-225.9	209.4	4.7
10TH	100.00	-4.1	18.7	1556	1262	-2.6	14.8	40	-4	622.0	753.7	-218.3	203.2	4.2
11TH	110.00	-5.2	16.7	1556	1262	-3.3	13.3	40	-6	627.2	736.9	-210.8	197.0	3.9
12TH	120.00	-6.4	14.7	1556	1262	-4.1	11.7	38	-8	633.5	722.2	-203.5	190.7	3.5
13TH	130.00	-7.3	12.5	1556	1262	-4.7	9.9	37	-10	640.8	709.7	-196.4	184.3	3.2
14TH	156.00	30.7	13.5	5822	2758	5.3	4.9	-10	-10	610.1	696.2	-178.1	168.0	3.6
15TH	169.00	14.3	7.0	2911	1379	4.9	5.1	-5	-5	595.8	689.3	-169.1	160.2	3.7
16TH	182.00	13.7	7.1	2911	1379	4.7	5.2	-1	-1	582.1	682.1	-160.2	152.5	3.7
17TH	195.00	13.6	7.6	2911	1379	4.7	5.5	1	1	568.5	674.5	-151.4	145.1	3.7
18TH	208.00	13.8	8.1	2911	1379	4.8	5.9	2	2	554.7	666.4	-142.6	137.8	3.6
19TH	221.00	14.1	8.6	2911	1379	4.8	6.3	3	2	540.6	657.8	-134.0	130.6	3.6
20TH	234.00	14.3	9.1	2911	1379	4.9	6.6	4	3	526.3	648.7	-125.5	123.7	3.5
21ST	247.00	13.9	10.3	2911	1379	4.8	7.4	1	1	512.4	638.4	-117.2	117.0	3.5
22ND	260.00	12.1	11.9	2911	1379	4.2	8.6	-9	-4	500.2	626.5	-109.0	110.4	3.6
23RD	273.00	10.4	13.5	2911	1379	3.6	9.8	-22	-8	489.8	613.1	-100.9	103.9	3.9
24TH	286.00	8.7	15.1	2911	1379	3.0	10.9	-37	-10	481.2	598.0	-93.0	97.6	4.3
25TH	299.00	6.9	17.0	2911	1379	2.4	12.4	-50	-10	474.3	580.9	-85.4	91.4	4.8
		4.8	19.4	2911	1379	1.7	14.1	-52	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	2.8	21.8	2911	1379	1.0	15.8	-52	-3	469.5	561.5	-77.9	85.3	5.4
27TH	325.00	.8	24.2	2911	1379	.3	17.5	-51	-1	466.7	539.7	-70.8	79.2	6.0
28TH	338.00	-1.0	26.6	2911	1379	-.3	19.3	-48	1	465.9	515.6	-63.9	73.1	6.6
29TH	351.00	12.8	24.7	2911	1379	4.4	17.9	-8	-2	466.9	488.9	-57.4	67.1	7.3
30TH	364.00	12.9	25.8	2911	1379	4.4	18.7	-19	-4	454.1	464.2	-51.2	61.1	7.4
31ST	377.00	13.1	26.9	2911	1379	4.5	19.5	-28	-7	441.2	438.5	-45.3	55.3	7.8
32ND	390.00	13.2	28.0	2911	1379	4.5	20.3	-37	-8	428.1	411.6	-39.8	49.6	8.3
33RD	403.00	14.6	28.7	2911	1379	5.0	20.8	-36	-9	414.9	383.6	-34.6	44.1	8.9
34TH	416.00	17.3	29.0	2911	1379	5.9	21.0	-25	-7	400.4	354.9	-29.8	38.8	9.6
35TH	429.00	20.1	29.3	2911	1379	6.9	21.2	-15	-5	383.1	326.0	-25.4	33.7	10.1
36TH	442.00	22.8	29.5	2911	1379	7.8	21.4	-7	-3	363.0	296.7	-21.4	28.9	10.5
37TH	455.00	25.6	29.8	2911	1379	8.8	21.6	-0	-0	340.2	267.2	-17.7	24.3	10.7
38TH	468.00	30.7	29.1	2584	958	11.9	30.4	3	2	314.6	237.3	-14.4	20.1	10.7
39TH	481.00	29.8	26.3	2557	923	11.7	28.5	13	7	283.9	208.2	-11.5	16.2	10.6
40TH	494.00	28.2	22.8	2557	923	11.0	24.7	25	15	254.0	181.9	-9.0	12.7	10.1
41ST	507.00	31.4	23.7	2557	923	12.3	25.7	27	17	225.8	159.1	-6.8	9.6	9.4
42ND	520.00	35.9	25.8	2557	923	14.0	27.9	27	18	194.4	135.4	-4.8	6.8	8.4
43RD	533.00	40.4	27.7	2557	923	15.8	30.0	26	18	158.6	109.6	-3.3	4.5	7.4
44TH	546.00	38.7	21.6	2027	1136	19.1	19.1	44	38	118.2	81.9	-2.0	2.7	6.2
45TH	562.00	79.5	60.3	3673	2059	21.6	29.3	46	29	79.5	60.3	-.9	1.2	4.0
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1109.1	302.8	-81.8	396.3	22.3
2ND	20.00	21.7	10.5	2962	2264	7.3	4.6	25	24	1087.4	292.2	-75.8	374.3	21.6
3RD	30.00	11.2	7.3	1556	1262	7.2	5.8	36	27	1076.2	285.0	-72.9	363.5	21.1
4TH	40.00	11.0	7.7	1556	1262	7.0	6.1	38	26	1065.3	277.2	-70.1	352.8	20.6
5TH	50.00	10.7	8.2	1556	1262	6.9	6.5	39	24	1054.6	269.0	-67.4	342.2	20.2
6TH	60.00	10.5	8.7	1556	1262	6.7	6.9	40	23	1044.1	260.3	-64.8	331.7	19.7
7TH	70.00	10.0	9.2	1556	1262	6.4	7.3	42	22	1034.1	251.2	-62.2	321.3	19.3
8TH	80.00	8.5	8.6	1556	1262	5.5	6.8	48	23	1025.5	242.6	-59.7	311.0	18.8
9TH	90.00	7.0	7.8	1556	1262	4.5	6.2	55	24	1018.5	234.8	-57.3	300.8	18.4
10TH	100.00	5.5	7.0	1556	1262	3.5	5.5	65	25	1013.0	227.9	-55.0	290.6	18.0
11TH	110.00	4.0	6.2	1556	1262	2.6	4.9	79	25	1009.0	221.7	-52.8	280.5	17.7
12TH	120.00	2.5	5.4	1556	1262	1.6	4.2	100	22	1006.5	216.3	-50.6	270.5	17.3
13TH	130.00	1.0	4.5	1556	1262	.7	3.6	130	14	1005.4	211.8	-48.4	260.4	17.0
14TH	156.00	44.8	1.6	5822	2758	7.7	.6	0	6	960.6	210.2	-43.0	234.8	16.7
15TH	169.00	21.4	.8	2911	1379	7.4	.6	1	12	939.2	209.4	-40.2	222.5	16.4
16TH	182.00	20.8	.9	2911	1379	7.1	.6	1	16	918.4	208.5	-37.5	210.4	16.0
17TH	195.00	20.8	1.5	2911	1379	7.2	1.1	3	17	897.6	207.0	-34.8	198.6	15.6
18TH	208.00	21.2	2.2	2911	1379	7.3	1.6	3	15	876.4	204.8	-32.1	187.1	15.3
19TH	221.00	21.6	2.9	2911	1379	7.4	2.1	4	13	854.8	201.9	-29.5	175.8	15.0
20TH	234.00	22.0	3.6	2911	1379	7.5	2.6	4	12	832.8	198.2	-26.9	164.9	14.7
21ST	247.00	22.0	4.5	2911	1379	7.6	3.3	4	10	810.8	193.7	-24.3	154.2	14.4
22ND	260.00	21.4	5.4	2911	1379	7.4	3.9	5	9	789.4	188.3	-21.9	143.8	14.2
23RD	273.00	20.8	6.4	2911	1379	7.1	4.6	5	8	768.6	181.9	-19.5	133.6	14.0
24TH	286.00	20.1	7.3	2911	1379	6.9	5.3	5	7	748.5	174.6	-17.1	123.8	13.8
25TH	299.00	19.5	8.8	2911	1379	6.7	6.4	4	4	729.0	165.8	-14.9	114.2	13.7
		19.0	10.8	2911	1379	6.5	7.9	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	18.6	12.9	2911	1379	6.4	9.4	-5	-4	710.0	155.0	-12.8	104.8	13.7
27TH	325.00	18.1	15.0	2911	1379	6.2	10.9	-11	-6	691.4	142.1	-10.9	95.7	13.8
28TH	338.00	17.8	17.1	2911	1379	6.1	12.4	-17	-8	673.3	127.1	-9.2	86.8	14.0
29TH	351.00	28.9	13.7	2911	1379	9.9	9.9	5	5	655.5	110.0	-7.6	78.2	14.3
30TH	364.00	30.1	13.0	2911	1379	10.4	9.5	5	6	626.6	96.3	-6.3	69.9	14.1
31ST	377.00	31.4	12.4	2911	1379	10.8	9.0	6	7	596.5	83.3	-5.1	61.9	13.9
32ND	390.00	32.7	11.8	2911	1379	11.2	8.6	7	9	565.1	70.8	-4.1	54.4	13.6
33RD	403.00	34.3	10.6	2911	1379	11.8	7.7	6	10	532.4	59.0	-3.3	47.2	13.2
34TH	416.00	36.3	8.6	2911	1379	12.5	6.2	5	10	498.1	48.4	-2.6	40.5	12.8
35TH	429.00	38.3	6.6	2911	1379	13.2	4.8	3	10	461.8	39.8	-2.0	34.3	12.4
36TH	442.00	40.3	4.6	2911	1379	13.9	3.3	2	9	423.4	33.2	-1.5	28.5	12.0
37TH	455.00	42.3	2.6	2911	1379	14.5	1.9	1	9	383.1	28.6	-1.1	23.3	11.6
38TH	468.00	46.7	5.1	2584	958	18.1	5.3	2	10	340.8	26.0	-.8	18.6	11.1
39TH	481.00	43.0	5.3	2557	923	16.8	5.7	5	18	294.1	21.0	-.5	14.5	10.6
40TH	494.00	39.5	4.9	2557	923	15.5	5.3	7	25	251.1	15.7	-.2	10.9	9.7
41ST	507.00	39.6	4.8	2557	923	15.5	5.2	6	25	211.6	10.8	-.0	7.9	8.6
42ND	520.00	40.7	4.7	2557	923	15.9	5.1	6	23	172.0	6.1	.1	5.4	7.5
43RD	533.00	41.7	4.7	2557	923	16.3	5.1	5	21	131.3	1.3	.1	3.5	6.4
44TH	546.00	31.5	-.1	2027	1136	15.6	-.1	-0	54	89.6	-3.4	.1	2.0	5.4
45TH	562.00	58.1	-3.2	3673	2059	15.8	-1.6	-6	55	58.1	-3.2	.0	.8	3.6
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		38.1	-21.3	2962	2264	12.9	-9.4	-18	15	2219.1	-269.1	37.8	753.6	38.9
2ND	20.00	17.4	-11.7	1556	1262	11.2	-9.3	-12	8	2181.0	-247.8	32.6	709.6	38.1
3RD	30.00	16.8	-11.5	1556	1262	10.8	-9.1	-10	7	2163.6	-236.1	30.2	687.9	37.8
4TH	40.00	16.2	-11.3	1556	1262	10.4	-9.0	-8	6	2146.8	-224.6	27.9	666.4	37.6
5TH	50.00	15.6	-11.1	1556	1262	10.1	-8.8	-6	4	2130.5	-213.3	25.7	645.0	37.5
6TH	60.00	15.0	-11.0	1556	1262	9.6	-8.7	-4	3	2114.9	-202.2	23.6	623.8	37.4
7TH	70.00	14.2	-11.0	1556	1262	9.1	-8.7	-6	4	2099.9	-191.2	21.6	602.7	37.3
8TH	80.00	13.4	-10.9	1556	1262	8.6	-8.7	-7	4	2085.7	-180.3	19.8	581.7	37.2
9TH	90.00	12.6	-10.9	1556	1262	8.1	-8.6	-9	5	2072.3	-169.3	18.0	561.0	37.1
10TH	100.00	11.8	-10.9	1556	1262	7.6	-8.6	-11	5	2059.8	-158.4	16.4	540.3	37.0
11TH	110.00	11.0	-10.8	1556	1262	7.0	-8.6	-13	6	2048.0	-147.5	14.9	519.8	36.9
12TH	120.00	10.5	-11.2	1556	1262	6.8	-8.8	-17	8	2037.0	-136.7	13.4	499.3	36.7
13TH	130.00	99.0	-27.5	5822	2758	17.0	-10.0	-4	6	2026.5	-125.5	12.1	479.0	36.5
14TH	156.00	49.0	-12.5	2911	1379	16.8	-9.1	-5	9	1927.5	-98.0	9.2	427.6	35.8
15TH	169.00	48.7	-11.7	2911	1379	16.7	-8.4	-6	11	1878.5	-85.5	8.0	402.9	35.3
16TH	182.00	49.4	-10.8	2911	1379	17.0	-7.8	-5	11	1829.7	-73.8	7.0	378.8	34.6
17TH	195.00	50.5	-9.9	2911	1379	17.3	-7.2	-4	9	1780.4	-63.1	6.1	355.3	34.0
18TH	208.00	51.6	-9.1	2911	1379	17.7	-6.6	-3	8	1729.9	-53.1	5.3	332.5	33.5
19TH	221.00	52.7	-8.2	2911	1379	18.1	-6.0	-2	6	1678.3	-44.1	4.7	310.3	33.0
20TH	234.00	53.7	-7.2	2911	1379	18.4	-5.2	-2	6	1625.6	-35.8	4.2	288.9	32.6
21ST	247.00	54.1	-6.1	2911	1379	18.6	-4.4	-2	8	1571.9	-28.6	3.8	268.1	32.3
22ND	260.00	54.4	-5.0	2911	1379	18.7	-3.6	-2	10	1517.9	-22.5	3.4	248.0	31.8
23RD	273.00	54.8	-3.9	2911	1379	18.8	-2.8	-2	12	1463.5	-17.6	3.2	228.6	31.2
24TH	286.00	55.3	-3.2	2911	1379	19.0	-2.3	-2	13	1408.6	-13.7	3.0	209.9	30.4
25TH	299.00	56.1	-3.0	2911	1379	19.3	-2.2	-1	13	1353.4	-10.5	2.8	192.0	29.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									1297.3	-7.5	2.7	174.8	28.8
27TH	325.00	56.9	-2.8	2911	1379	19.6	-2.1	-1	13	1240.4	-4.7	2.6	158.3	28.0
28TH	338.00	57.7	-2.7	2911	1379	19.8	-1.9	-1	13	1182.6	-2.0	2.6	142.5	27.1
29TH	351.00	58.6	-2.6	2911	1379	20.1	-1.9	-1	13	1124.1	.6	2.6	127.5	26.2
30TH	364.00	60.1	-1.4	2911	1379	20.7	-1.0	-1	15	1063.9	2.0	2.6	113.3	25.2
31ST	377.00	61.1	.1	2911	1379	21.0	.1	0	16	1002.9	1.9	2.6	99.9	24.1
32ND	390.00	62.0	1.6	2911	1379	21.3	1.2	1	17	940.9	.2	2.6	87.2	22.9
33RD	403.00	62.9	3.2	2911	1379	21.6	2.3	2	18	878.0	-2.9	2.6	75.4	21.7
34TH	416.00	64.0	3.6	2911	1379	22.0	2.6	2	18	814.0	-6.5	2.6	64.4	20.4
35TH	429.00	65.1	2.7	2911	1379	22.4	2.0	1	16	748.9	-9.2	2.5	54.3	19.2
36TH	442.00	66.3	1.9	2911	1379	22.8	1.4	1	14	682.6	-11.1	2.3	45.0	18.2
37TH	455.00	67.5	1.0	2911	1379	23.2	.7	0	13	615.1	-12.1	2.2	36.5	17.2
38TH	468.00	68.7	.2	2911	1379	23.6	.1	0	11	546.4	-12.3	2.0	29.0	16.4
39TH	481.00	72.7	1.3	2584	958	28.1	1.3	0	12	473.7	-13.5	1.8	22.3	15.4
40TH	494.00	70.1	2.3	2557	923	27.4	2.5	1	17	403.6	-15.9	1.7	16.6	14.1
41ST	507.00	67.3	2.9	2557	923	26.3	3.1	2	22	336.3	-18.7	1.4	11.8	12.5
42ND	520.00	68.3	2.4	2557	923	26.7	2.6	2	23	268.0	-21.1	1.2	7.9	10.8
43RD	533.00	70.4	1.6	2557	923	27.5	1.8	1	22	197.6	-22.7	.9	4.9	9.0
44TH	546.00	72.6	.8	2557	923	28.4	.8	0	21	125.1	-23.5	.6	2.8	7.3
45TH	562.00	46.4	-6.0	2027	1136	22.9	-5.3	-14	53	78.6	-17.5	.3	1.1	4.6
TOP	591.00	78.6	-17.5	3673	2059	21.4	-8.5	-23	50	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									3206.6	-396.7	47.5	1066.9	74.4
2ND	20.00	57.4	-37.7	2962	2264	19.4	-16.6	-22	16	3149.3	-359.0	39.9	1003.3	72.9
3RD	30.00	26.4	-20.5	1556	1262	17.0	-16.2	-16	10	3122.9	-338.5	36.4	972.0	72.5
4TH	40.00	25.8	-19.9	1556	1262	16.6	-15.8	-16	10	3097.1	-318.6	33.1	940.9	72.0
5TH	50.00	25.3	-19.4	1556	1262	16.2	-15.3	-16	10	3071.8	-299.3	30.0	910.0	71.6
6TH	60.00	24.7	-18.8	1556	1262	15.9	-14.9	-16	10	3047.1	-280.5	27.1	879.4	71.1
7TH	70.00	24.1	-18.2	1556	1262	15.5	-14.4	-16	10	3023.1	-262.3	24.4	849.1	70.7
8TH	80.00	23.2	-17.6	1556	1262	14.9	-13.9	-18	11	2999.9	-244.7	21.9	819.0	70.3
9TH	90.00	22.3	-17.0	1556	1262	14.3	-13.5	-19	12	2977.6	-227.7	19.5	789.1	69.8
10TH	100.00	21.4	-16.4	1556	1262	13.8	-13.0	-21	13	2956.2	-211.3	17.3	759.4	69.3
11TH	110.00	20.6	-15.8	1556	1262	13.2	-12.5	-23	15	2935.6	-195.5	15.3	730.0	68.8
12TH	120.00	19.7	-15.3	1556	1262	12.7	-12.1	-26	16	2915.9	-180.2	13.4	700.7	68.2
13TH	130.00	19.0	-15.0	1556	1262	12.2	-11.9	-29	17	2896.9	-165.2	11.7	671.6	67.6
14TH	156.00	144.4	-34.4	5822	2758	24.8	-12.5	-6	12	2752.6	-130.8	7.8	598.2	65.5
15TH	169.00	72.0	-15.8	2911	1379	24.7	-11.5	-7	15	2680.5	-115.0	6.3	562.9	64.3
16TH	182.00	71.9	-14.9	2911	1379	24.7	-10.8	-7	17	2608.6	-100.1	4.9	528.5	62.9
17TH	195.00	72.8	-14.3	2911	1379	25.0	-10.4	-7	16	2535.8	-85.8	3.6	495.1	61.5
18TH	208.00	74.1	-13.8	2911	1379	25.5	-10.0	-6	15	2461.7	-72.0	2.6	462.6	60.2
19TH	221.00	75.4	-13.3	2911	1379	25.9	-9.7	-5	14	2386.3	-58.7	1.8	431.1	59.0
20TH	234.00	76.8	-12.8	2911	1379	26.4	-9.3	-5	13	2309.5	-45.9	1.1	400.5	57.9
21ST	247.00	78.2	-11.6	2911	1379	26.9	-8.4	-4	13	2231.3	-34.2	.6	371.0	56.7
22ND	260.00	79.5	-9.9	2911	1379	27.3	-7.2	-4	14	2151.8	-24.3	.2	342.5	55.5
23RD	273.00	80.8	-8.2	2911	1379	27.8	-6.0	-3	16	2071.0	-16.1	-.1	315.1	54.0
24TH	286.00	82.2	-6.5	2911	1379	28.2	-4.7	-3	17	1988.8	-9.6	-.2	288.7	52.4
25TH	299.00	83.4	-5.4	2911	1379	28.6	-3.9	-2	18	1905.4	-4.2	-.3	263.4	50.7
		84.3	-4.9	2911	1379	28.9	-3.6	-2	18					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	85.1	-4.5	2911	1379	29.2	-3.3	-2	19	1821.2	.7	-.4	239.2	49.0
27TH	325.00	86.0	-4.1	2911	1379	29.5	-2.9	-2	19	1736.0	5.2	-.3	216.0	47.2
28TH	338.00	86.9	-3.7	2911	1379	29.8	-2.7	-2	19	1650.0	9.3	-.2	194.0	45.5
29TH	351.00	88.0	-1.1	2911	1379	30.2	-.8	-1	20	1563.1	12.9	-.1	173.1	43.6
30TH	364.00	89.3	.3	2911	1379	30.7	.2	0	21	1475.2	14.0	.1	153.4	41.6
31ST	377.00	90.6	1.7	2911	1379	31.1	1.2	1	22	1385.9	13.7	.3	134.8	39.6
32ND	390.00	91.9	3.1	2911	1379	31.6	2.2	2	23	1295.3	12.0	.4	117.4	37.4
33RD	403.00	93.0	3.3	2911	1379	31.9	2.4	2	22	1203.5	9.0	.6	101.1	35.1
34TH	416.00	93.9	2.1	2911	1379	32.3	1.5	1	21	1110.5	5.7	.7	86.1	32.7
35TH	429.00	94.8	1.0	2911	1379	32.6	.7	0	20	1016.6	3.6	.7	72.3	30.6
36TH	442.00	95.7	-.1	2911	1379	32.9	-.1	-0	18	921.8	2.6	.8	59.7	28.5
37TH	455.00	96.7	-1.3	2911	1379	33.2	-.9	-0	17	826.0	2.7	.8	48.3	26.6
38TH	468.00	100.4	2.8	2584	958	38.9	2.9	1	17	729.4	4.0	.9	38.2	24.8
39TH	481.00	96.1	4.0	2557	923	37.6	4.3	2	21	628.9	1.2	.9	29.4	22.9
40TH	494.00	91.6	4.2	2557	923	35.8	4.6	3	26	532.8	-2.8	.9	21.8	20.6
41ST	507.00	91.1	3.4	2557	923	35.6	3.7	2	27	441.3	-7.0	.8	15.5	17.9
42ND	520.00	91.7	2.4	2557	923	35.9	2.6	1	27	350.2	-10.4	.7	10.3	15.2
43RD	533.00	92.3	1.3	2557	923	36.1	1.4	1	26	258.4	-12.8	.6	6.4	12.5
44TH	546.00	64.6	-2.5	2027	1136	31.9	-2.2	-4	55	166.1	-14.2	.4	3.6	9.8
45TH	562.00	101.6	-11.7	3673	2059	27.6	-5.7	-12	52	101.6	-11.7	.2	1.5	5.9
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									2860.2	-236.6	13.1	973.0	69.4
2ND	20.00	48.4	-30.4	2962	2264	16.4	-13.4	-23	17	2811.8	-206.3	8.7	916.3	68.1
3RD	30.00	21.5	-16.2	1556	1262	13.9	-12.8	-19	12	2790.2	-190.1	6.7	888.3	67.6
4TH	40.00	20.5	-15.5	1556	1262	13.2	-12.3	-19	12	2769.7	-174.6	4.9	860.5	67.2
5TH	50.00	19.5	-14.8	1556	1262	12.5	-11.8	-20	13	2750.2	-159.7	3.2	832.9	66.7
6TH	60.00	18.5	-14.2	1556	1262	11.9	-11.2	-21	13	2731.7	-145.6	1.7	805.5	66.3
7TH	70.00	17.5	-13.5	1556	1262	11.2	-10.7	-22	14	2714.2	-132.1	.3	778.3	65.9
8TH	80.00	16.4	-12.8	1556	1262	10.6	-10.1	-24	15	2697.8	-119.3	-1.0	751.2	65.5
9TH	90.00	15.4	-12.1	1556	1262	9.9	-9.6	-26	16	2682.4	-107.2	-2.1	724.3	65.0
10TH	100.00	14.4	-11.5	1556	1262	9.3	-9.1	-28	17	2668.0	-95.8	-3.1	697.5	64.6
11TH	110.00	13.4	-10.8	1556	1262	8.6	-8.6	-31	18	2654.6	-85.0	-4.0	670.9	64.1
12TH	120.00	12.4	-10.2	1556	1262	7.9	-8.1	-34	20	2642.3	-74.8	-4.8	644.4	63.7
13TH	130.00	11.1	-9.4	1556	1262	7.1	-7.4	-36	21	2631.2	-65.4	-5.5	618.1	63.3
14TH	156.00	118.7	-21.5	5822	2758	20.4	-7.8	-5	12	2512.4	-43.9	-6.9	551.2	61.6
15TH	169.00	61.0	-10.3	2911	1379	20.9	-7.4	-6	16	2451.5	-33.7	-7.4	518.9	60.5
16TH	182.00	62.0	-9.9	2911	1379	21.3	-7.2	-6	18	2389.4	-23.8	-7.8	487.5	59.2
17TH	195.00	63.5	-9.8	2911	1379	21.8	-7.1	-6	18	2325.9	-13.9	-8.0	456.8	57.9
18TH	208.00	65.2	-9.8	2911	1379	22.4	-7.1	-5	17	2260.8	-4.2	-8.2	427.0	56.6
19TH	221.00	66.8	-9.7	2911	1379	23.0	-7.0	-5	16	2193.9	5.5	-8.2	398.1	55.4
20TH	234.00	68.5	-9.6	2911	1379	23.5	-7.0	-4	15	2125.4	15.1	-8.0	370.0	54.3
21ST	247.00	70.3	-8.7	2911	1379	24.1	-6.3	-4	14	2055.2	23.8	-7.8	342.8	53.1
22ND	260.00	71.9	-7.3	2911	1379	24.7	-5.3	-3	16	1983.2	31.1	-7.4	316.6	51.8
23RD	273.00	73.6	-5.8	2911	1379	25.3	-4.2	-3	18	1909.6	36.8	-7.0	291.3	50.4
24TH	286.00	75.3	-4.3	2911	1379	25.9	-3.1	-2	19	1834.4	41.1	-6.5	266.9	48.8
25TH	299.00	76.7	-3.1	2911	1379	26.4	-2.2	-2	20	1757.6	44.2	-5.9	243.6	47.1
		77.2	-2.2	2911	1379	26.5	-1.6	-1	20					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	77.7	-1.3	2911	1379	26.7	-.9	-1	19	1680.4	46.4	-5.3	221.2	45.4
27TH	325.00	78.1	-.4	2911	1379	26.8	-.3	-0	19	1602.8	47.6	-4.7	199.9	43.7
28TH	338.00	78.6	.6	2911	1379	27.0	.5	0	19	1524.6	48.0	-4.1	179.6	42.1
29TH	351.00	80.6	2.6	2911	1379	27.7	1.9	1	20	1446.0	47.4	-3.5	160.3	40.4
30TH	364.00	82.0	3.6	2911	1379	28.2	2.6	2	21	1365.4	44.8	-2.9	142.0	38.6
31ST	377.00	83.5	4.6	2911	1379	28.7	3.4	3	22	1283.4	41.2	-2.3	124.8	36.7
32ND	390.00	85.0	5.7	2911	1379	29.2	4.1	3	23	1199.9	36.6	-1.8	108.6	34.6
33RD	403.00	86.1	5.6	2911	1379	29.6	4.1	3	22	1114.9	30.9	-1.4	93.6	32.5
34TH	416.00	86.9	4.4	2911	1379	29.9	3.2	2	21	1028.7	25.3	-1.0	79.6	30.3
35TH	429.00	87.7	3.1	2911	1379	30.1	2.3	1	20	941.8	21.0	-.7	66.8	28.3
36TH	442.00	88.5	1.9	2911	1379	30.4	1.4	1	18	854.1	17.9	-.4	55.2	26.4
37TH	455.00	89.2	.6	2911	1379	30.7	.5	0	17	765.7	16.0	-.2	44.6	24.6
38TH	468.00	93.0	3.5	2584	958	36.0	3.7	1	18	676.4	15.3	-.0	35.3	23.0
39TH	481.00	89.5	4.3	2557	923	35.0	4.6	2	23	583.4	11.8	.2	27.1	21.1
40TH	494.00	86.5	4.2	2557	923	33.8	4.5	3	27	493.9	7.5	.3	20.1	18.9
41ST	507.00	85.5	3.9	2557	923	33.4	4.2	3	27	407.4	3.4	.4	14.2	16.2
42ND	520.00	85.1	3.5	2557	923	33.3	3.8	2	27	321.9	-.5	.4	9.5	13.6
43RD	533.00	84.7	3.1	2557	923	33.1	3.3	2	26	236.8	-4.0	.3	5.8	11.1
44TH	546.00	59.3	2.4	2027	1136	29.3	2.1	4	53	152.1	-7.1	.3	3.3	8.7
45TH	562.00	92.8	-9.4	3673	2059	25.3	-4.6	-11	51	92.8	-9.4	.1	1.3	5.3
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1967.7	-599.1	139.7	696.6	30.2
2ND	20.00	17.7	-28.4	2962	2264	6.0	-12.5	-6	2	1950.0	-570.7	128.0	657.4	30.0
3RD	30.00	6.5	-16.5	1556	1262	4.2	-13.1	21	-4	1943.6	-554.2	122.4	638.0	30.3
4TH	40.00	6.2	-15.8	1556	1262	4.0	-12.5	19	-4	1937.4	-538.4	116.9	618.6	30.4
5TH	50.00	5.8	-15.1	1556	1262	3.8	-12.0	17	-3	1931.6	-523.3	111.6	599.2	30.6
6TH	60.00	5.5	-14.5	1556	1262	3.6	-11.5	14	-3	1926.0	-508.8	106.5	579.9	30.7
7TH	70.00	5.2	-13.8	1556	1262	3.3	-11.0	11	-2	1920.8	-495.0	101.4	560.7	30.8
8TH	80.00	5.0	-13.9	1556	1262	3.2	-11.0	10	-2	1915.9	-481.2	96.6	541.5	30.9
9TH	90.00	4.7	-14.0	1556	1262	3.0	-11.1	9	-1	1911.1	-467.2	91.8	522.4	31.0
10TH	100.00	4.5	-14.1	1556	1262	2.9	-11.2	8	-1	1906.6	-453.1	87.2	503.3	31.0
11TH	110.00	4.3	-14.2	1556	1262	2.8	-11.2	7	-1	1902.3	-438.9	82.8	484.3	31.1
12TH	120.00	4.1	-14.3	1556	1262	2.6	-11.3	7	-1	1898.2	-424.7	78.4	465.2	31.2
13TH	130.00	3.8	-14.3	1556	1262	2.4	-11.3	7	-1	1894.5	-410.4	74.3	446.3	31.2
14TH	156.00	92.4	-33.6	5822	2758	15.9	-12.2	-2	2	1802.1	-376.7	64.0	398.2	30.9
15TH	169.00	46.4	-16.6	2911	1379	15.9	-12.0	-3	4	1755.6	-360.2	59.2	375.1	30.7
16TH	182.00	46.5	-16.4	2911	1379	16.0	-11.9	-3	5	1709.1	-343.7	54.7	352.6	30.4
17TH	195.00	47.0	-16.5	2911	1379	16.1	-12.0	-3	4	1662.1	-327.2	50.3	330.7	30.2
18TH	208.00	47.6	-16.6	2911	1379	16.3	-12.0	-3	4	1614.5	-310.6	46.2	309.4	30.0
19TH	221.00	48.2	-16.7	2911	1379	16.6	-12.1	-2	3	1566.3	-293.9	42.2	288.7	29.8
20TH	234.00	48.8	-16.8	2911	1379	16.8	-12.2	-2	2	1517.6	-277.1	38.5	268.7	29.6
21ST	247.00	49.3	-16.3	2911	1379	16.9	-11.8	-2	3	1468.3	-260.8	35.0	249.2	29.5
22ND	260.00	49.2	-15.4	2911	1379	16.9	-11.1	-4	6	1419.1	-245.5	31.7	230.5	29.1
23RD	273.00	49.1	-14.4	2911	1379	16.9	-10.5	-5	9	1370.0	-231.1	28.6	212.3	28.6
24TH	286.00	49.0	-13.5	2911	1379	16.8	-9.8	-7	12	1321.0	-217.6	25.7	194.9	27.9
25TH	299.00	49.3	-12.9	2911	1379	16.9	-9.4	-8	14	1271.7	-204.7	23.0	178.0	27.1
		51.3	-12.8	2911	1379	17.6	-9.3	-7	13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									1220.4	-191.8	20.4	161.8	26.4
27TH	325.00	53.4	-12.7	2911	1379	18.3	-9.2	-6	11	1167.1	-179.1	18.0	146.3	25.7
28TH	338.00	55.4	-12.6	2911	1379	19.0	-9.2	-5	10	1111.6	-166.5	15.7	131.5	25.0
29TH	351.00	57.5	-12.4	2911	1379	19.7	-9.0	-4	9	1054.2	-154.1	13.7	117.4	24.4
30TH	364.00	58.2	-11.3	2911	1379	20.0	-8.2	-4	11	996.0	-142.8	11.7	104.1	23.7
31ST	377.00	58.6	-11.3	2911	1379	20.1	-8.2	-5	12	937.4	-131.5	9.9	91.5	22.9
32ND	390.00	58.9	-11.3	2911	1379	20.3	-8.2	-6	14	878.4	-120.3	8.3	79.7	21.9
33RD	403.00	59.3	-11.3	2911	1379	20.4	-8.2	-6	16	819.1	-109.0	6.8	68.7	20.9
34TH	416.00	60.4	-11.8	2911	1379	20.8	-8.5	-6	16	758.7	-97.2	5.5	58.4	19.8
35TH	429.00	62.4	-12.9	2911	1379	21.4	-9.4	-6	14	696.3	-84.3	4.3	49.0	18.8
36TH	442.00	64.4	-14.1	2911	1379	22.1	-10.2	-6	13	631.9	-70.2	3.3	40.3	17.8
37TH	455.00	66.4	-15.2	2911	1379	22.8	-11.0	-6	12	565.5	-55.0	2.5	32.5	16.9
38TH	468.00	68.3	-16.4	2911	1379	23.5	-11.9	-5	10	497.2	-38.6	1.9	25.6	16.1
39TH	481.00	69.1	-7.4	2584	958	26.7	-7.7	-4	16	428.1	-31.2	1.4	19.6	14.8
40TH	494.00	65.1	-5.9	2557	923	25.4	-6.4	-4	23	363.0	-25.3	1.0	14.5	13.2
41ST	507.00	64.0	-4.6	2557	923	25.0	-5.0	-4	26	299.0	-20.7	.7	10.2	11.4
42ND	520.00	64.0	-4.5	2557	923	25.0	-4.9	-4	25	235.0	-16.2	.5	6.7	9.6
43RD	533.00	64.3	-4.8	2557	923	25.1	-5.2	-4	24	170.7	-11.4	.3	4.1	7.8
44TH	546.00	64.5	-4.9	2557	923	25.2	-5.3	-4	23	106.2	-6.5	.2	2.3	6.1
45TH	562.00	43.4	.2	2027	1136	21.4	.2	1	52	62.8	-6.8	.1	.9	3.6
TOP	591.00	62.8	-6.8	3673	2059	17.1	-3.3	-12	52	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1804.4	-679.5	172.2	655.0	13.5
2ND	20.00	12.5	-28.4	2962	2264	4.2	-12.6	3	-1	1791.9	-651.1	158.9	619.0	13.5
3RD	30.00	3.6	-17.0	1556	1262	2.3	-13.5	34	-3	1788.3	-634.1	152.5	601.1	13.8
4TH	40.00	3.1	-16.6	1556	1262	2.0	-13.1	32	-3	1785.2	-617.5	146.2	583.3	14.1
5TH	50.00	2.7	-16.2	1556	1262	1.7	-12.8	30	-2	1782.5	-601.3	140.2	565.4	14.4
6TH	60.00	2.2	-15.8	1556	1262	1.4	-12.5	27	-2	1780.3	-585.5	134.2	547.6	14.6
7TH	70.00	1.8	-15.4	1556	1262	1.1	-12.2	25	-1	1778.5	-570.1	128.4	529.8	14.8
8TH	80.00	1.7	-15.4	1556	1262	1.1	-12.2	24	-1	1776.8	-554.8	122.8	512.0	15.0
9TH	90.00	1.7	-15.4	1556	1262	1.1	-12.2	22	-1	1775.1	-539.3	117.3	494.3	15.2
10TH	100.00	1.6	-15.5	1556	1262	1.1	-12.3	21	-1	1773.5	-523.8	112.0	476.5	15.4
11TH	110.00	1.6	-15.6	1556	1262	1.0	-12.3	20	-1	1771.9	-508.3	106.9	458.8	15.5
12TH	120.00	1.6	-15.6	1556	1262	1.0	-12.4	19	-1	1770.3	-492.6	101.9	441.1	15.7
13TH	130.00	1.6	-15.8	1556	1262	1.0	-12.5	17	-1	1768.7	-476.8	97.0	423.4	15.8
14TH	156.00	87.5	-36.7	5822	2758	15.0	-13.3	2	-2	1681.2	-440.1	85.1	378.6	16.1
15TH	169.00	44.2	-18.1	2911	1379	15.2	-13.1	1	-1	1637.0	-422.1	79.5	357.0	16.2
16TH	182.00	44.5	-17.9	2911	1379	15.3	-13.0	0	-1	1592.5	-404.2	74.1	336.0	16.2
17TH	195.00	45.0	-17.9	2911	1379	15.5	-13.0	1	-1	1547.5	-386.2	69.0	315.6	16.3
18TH	208.00	45.6	-18.0	2911	1379	15.7	-13.0	1	-1	1501.9	-368.2	64.1	295.8	16.3
19TH	221.00	46.2	-18.0	2911	1379	15.9	-13.1	1	-2	1455.8	-350.2	59.4	276.5	16.4
20TH	234.00	46.8	-18.1	2911	1379	16.1	-13.1	2	-2	1409.0	-332.1	55.0	257.9	16.6
21ST	247.00	46.7	-17.2	2911	1379	16.0	-12.5	1	-2	1362.3	-314.9	50.8	239.9	16.7
22ND	260.00	44.9	-15.6	2911	1379	15.4	-11.3	-1	1	1317.3	-299.3	46.8	222.5	16.6
23RD	273.00	43.2	-14.0	2911	1379	14.8	-10.2	-3	5	1274.1	-285.2	43.0	205.7	16.4
24TH	286.00	41.5	-12.5	2911	1379	14.2	-9.0	-5	8	1232.7	-272.8	39.4	189.4	16.0
25TH	299.00	40.5	-11.6	2911	1379	13.9	-8.4	-7	12	1192.2	-261.1	35.9	173.6	15.4
		42.8	-11.8	2911	1379	14.7	-8.5	-6	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	45.1	-11.9	2911	1379	15.5	-8.6	-5	9	1149.4	-249.3	32.6	158.4	14.9
27TH	325.00	47.4	-12.0	2911	1379	16.3	-8.7	-4	7	1104.3	-237.4	29.4	143.7	14.4
28TH	338.00	49.7	-12.4	2911	1379	17.1	-9.0	-3	6	1056.8	-225.4	26.4	129.7	14.0
29TH	351.00	50.3	-12.6	2911	1379	17.3	-9.1	-3	6	1007.1	-213.0	23.5	116.3	13.7
30TH	364.00	50.9	-12.5	2911	1379	17.5	-9.1	-3	7	956.8	-200.4	20.9	103.5	13.3
31ST	377.00	51.5	-12.4	2911	1379	17.7	-9.0	-4	7	905.9	-187.9	18.3	91.4	12.9
32ND	390.00	52.1	-12.3	2911	1379	17.9	-9.0	-4	8	854.4	-175.5	16.0	79.9	12.5
33RD	403.00	53.7	-12.8	2911	1379	18.4	-9.3	-4	8	802.3	-163.1	13.8	69.2	12.0
34TH	416.00	56.4	-13.9	2911	1379	19.4	-10.1	-3	6	748.6	-150.3	11.7	59.1	11.5
35TH	429.00	59.2	-14.9	2911	1379	20.3	-10.8	-3	5	692.2	-136.5	9.9	49.7	11.1
36TH	442.00	61.9	-16.0	2911	1379	21.3	-11.6	-2	4	633.0	-121.5	8.2	41.1	10.7
37TH	455.00	64.6	-17.1	2911	1379	22.2	-12.4	-2	3	571.2	-105.5	6.7	33.3	10.5
38TH	468.00	65.9	-9.2	2584	958	25.5	-9.6	-2	8	506.6	-88.4	5.5	26.3	10.2
39TH	481.00	63.9	-7.4	2557	923	25.0	-8.0	-3	13	440.6	-79.2	4.4	20.1	9.6
40TH	494.00	64.6	-7.7	2557	923	25.3	-8.4	-3	14	376.7	-71.8	3.4	14.8	8.7
41ST	507.00	66.9	-9.9	2557	923	26.2	-10.7	-4	13	312.1	-64.1	2.5	10.3	7.7
42ND	520.00	69.7	-12.6	2557	923	27.3	-13.7	-4	12	245.2	-54.2	1.7	6.7	6.7
43RD	533.00	72.4	-15.1	2557	923	28.3	-16.4	-4	10	175.5	-41.5	1.1	4.0	5.8
44TH	546.00	43.3	-6.1	2027	1136	21.3	-5.3	-11	39	103.1	-26.4	.7	2.2	5.0
45TH	562.00	59.8	-20.4	3673	2059	16.3	-9.9	-30	42	59.8	-20.4	.3	.9	3.1
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
2ND	20.00	10.2	-31.5	2962	2264	3.5	-13.9	21	-3	1278.4	-650.0	145.6	477.6	6.2
3RD	30.00	1.6	-19.1	1556	1262	1.0	-15.1	50	-2	1268.2	-618.6	132.9	452.2	6.6
4TH	40.00	.6	-18.9	1556	1262	.4	-15.0	49	-1	1266.7	-599.5	126.8	439.5	7.1
5TH	50.00	-.4	-18.8	1556	1262	-.3	-14.9	47	1	1266.1	-580.5	120.9	426.8	7.6
6TH	60.00	-1.4	-18.6	1556	1262	-.9	-14.7	44	2	1266.5	-561.8	115.2	414.2	8.1
7TH	70.00	-2.3	-18.4	1556	1262	-1.5	-14.6	42	3	1268.0	-543.2	109.7	401.5	8.5
8TH	80.00	-2.5	-18.1	1556	1262	-1.6	-14.3	43	3	1270.3	-524.8	104.3	388.8	8.9
9TH	90.00	-2.6	-17.8	1556	1262	-1.7	-14.1	44	3	1272.7	-506.7	99.2	376.1	9.4
10TH	100.00	-2.7	-17.6	1556	1262	-1.7	-13.9	45	3	1275.3	-488.9	94.2	363.4	9.8
11TH	110.00	-2.8	-17.3	1556	1262	-1.8	-13.7	46	4	1278.0	-471.3	89.4	350.6	10.2
12TH	120.00	-2.9	-17.0	1556	1262	-1.9	-13.5	47	4	1280.8	-454.0	84.8	337.8	10.6
13TH	130.00	-3.1	-16.7	1556	1262	-2.0	-13.2	49	4	1283.7	-437.0	80.3	325.0	11.1
14TH	156.00	67.1	-38.3	5822	2758	11.5	-13.9	13	-11	1286.9	-420.3	76.0	312.1	11.5
15TH	169.00	33.1	-18.7	2911	1379	11.4	-13.6	12	-10	1219.7	-382.0	65.6	279.5	12.6
16TH	182.00	32.7	-18.4	2911	1379	11.2	-13.4	11	-9	1186.7	-363.2	60.8	263.9	13.1
17TH	195.00	32.8	-18.5	2911	1379	11.3	-13.4	10	-8	1153.9	-344.8	56.2	248.7	13.5
18TH	208.00	33.1	-18.6	2911	1379	11.4	-13.5	10	-8	1121.1	-326.3	51.8	233.9	13.9
19TH	221.00	33.5	-18.7	2911	1379	11.5	-13.5	9	-8	1088.0	-307.7	47.7	219.5	14.3
20TH	234.00	33.8	-18.8	2911	1379	11.6	-13.6	9	-8	1054.5	-289.1	43.8	205.6	14.7
21ST	247.00	33.6	-17.8	2911	1379	11.5	-12.9	8	-7	1020.7	-270.3	40.2	192.1	15.1
22ND	260.00	31.8	-16.1	2911	1379	10.9	-11.7	4	-4	987.1	-252.5	36.8	179.1	15.4
23RD	273.00	30.0	-14.4	2911	1379	10.3	-10.4	0	-0	955.3	-236.4	33.6	166.4	15.6
24TH	286.00	28.2	-12.6	2911	1379	9.7	-9.2	-4	4	925.3	-222.0	30.6	154.2	15.6
25TH	299.00	27.2	-11.7	2911	1379	9.4	-8.5	-8	9	897.1	-209.4	27.8	142.4	15.4
		29.8	-11.6	2911	1379	10.2	-8.4	-5	7	869.9	-197.7	25.2	130.9	15.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									840.1	-186.0	22.7	119.8	14.9
27TH	325.00	32.3	-11.6	2911	1379	11.1	-8.4	-4	5	807.8	-174.4	20.3	109.1	14.7
28TH	338.00	34.8	-11.6	2911	1379	12.0	-8.4	-2	3	772.9	-162.9	18.1	98.8	14.5
29TH	351.00	37.4	-11.6	2911	1379	12.8	-8.4	-1	2	735.6	-151.3	16.1	89.0	14.5
30TH	364.00	36.8	-10.9	2911	1379	12.6	-7.9	-2	3	698.8	-140.3	14.2	79.7	14.3
31ST	377.00	36.0	-10.3	2911	1379	12.4	-7.5	-3	5	662.7	-130.0	12.4	70.8	14.1
32ND	390.00	35.3	-9.7	2911	1379	12.1	-7.0	-5	8	627.4	-120.4	10.8	62.4	13.8
33RD	403.00	34.6	-9.0	2911	1379	11.9	-6.5	-6	11	592.9	-111.4	9.3	54.5	13.3
34TH	416.00	35.2	-9.1	2911	1379	12.1	-6.6	-7	12	557.7	-102.3	7.9	47.0	12.8
35TH	429.00	37.2	-9.9	2911	1379	12.8	-7.2	-6	11	520.5	-92.3	6.6	40.0	12.3
36TH	442.00	39.3	-10.8	2911	1379	13.5	-7.8	-5	9	481.2	-81.6	5.5	33.5	11.9
37TH	455.00	41.3	-11.6	2911	1379	14.2	-8.4	-5	8	439.9	-69.9	4.5	27.5	11.5
38TH	468.00	43.4	-12.5	2911	1379	14.9	-9.1	-4	7	396.5	-57.4	3.7	22.1	11.1
39TH	481.00	46.3	-6.1	2584	958	17.9	-6.4	-4	13	350.3	-51.3	3.0	17.2	10.5
40TH	494.00	45.6	-4.3	2557	923	17.8	-4.7	-4	19	304.7	-47.0	2.4	13.0	9.5
41ST	507.00	47.2	-4.7	2557	923	18.4	-5.1	-4	20	257.5	-42.3	1.8	9.3	8.5
42ND	520.00	49.4	-5.9	2557	923	19.3	-6.4	-5	20	208.1	-36.4	1.3	6.3	7.4
43RD	533.00	51.8	-7.3	2557	923	20.3	-8.0	-6	19	156.3	-29.0	.8	3.9	6.3
44TH	546.00	54.2	-8.7	2557	923	21.2	-9.4	-6	18	102.2	-20.4	.5	2.2	5.2
45TH	562.00	39.3	-4.4	2027	1136	19.4	-3.8	-10	43	62.9	-16.0	.2	.9	3.3
TOP	591.00	62.9	-16.0	3673	2059	17.1	-7.8	-24	45	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1110.7	-966.7	288.2	437.9	-11.0
2ND	20.00	-3.4	-32.3	2962	2264	-1.1	-14.3	67	3	1114.1	-934.4	269.2	415.6	-9.9
3RD	30.00	-5.2	-19.2	1556	1262	-3.3	-15.2	75	10	1119.2	-915.2	259.9	404.5	-9.1
4TH	40.00	-6.1	-19.0	1556	1262	-4.0	-15.0	68	11	1125.4	-896.2	250.9	393.2	-8.3
5TH	50.00	-7.1	-18.7	1556	1262	-4.6	-14.8	61	11	1132.5	-877.5	242.0	382.0	-7.6
6TH	60.00	-8.1	-18.5	1556	1262	-5.2	-14.7	54	11	1140.7	-859.0	233.3	370.6	-7.0
7TH	70.00	-8.9	-18.3	1556	1262	-5.7	-14.5	48	11	1149.6	-840.7	224.8	359.1	-6.4
8TH	80.00	-8.2	-18.0	1556	1262	-5.2	-14.2	50	11	1157.7	-822.8	216.5	347.6	-5.8
9TH	90.00	-7.4	-17.6	1556	1262	-4.7	-14.0	52	10	1165.1	-805.1	208.4	336.0	-5.3
10TH	100.00	-6.6	-17.3	1556	1262	-4.2	-13.7	54	10	1171.7	-787.8	200.4	324.3	-4.7
11TH	110.00	-5.8	-17.0	1556	1262	-3.7	-13.5	56	9	1177.5	-770.8	192.6	312.6	-4.1
12TH	120.00	-5.0	-16.7	1556	1262	-3.2	-13.2	58	8	1182.5	-754.1	185.0	300.8	-3.6
13TH	130.00	-4.5	-16.1	1556	1262	-2.9	-12.7	63	8	1186.9	-738.1	177.5	288.9	-3.0
14TH	156.00	64.3	-37.0	5822	2758	11.0	-13.4	21	-17	1122.6	-701.1	158.8	258.9	-1.4
15TH	169.00	31.4	-18.3	2911	1379	10.8	-13.3	20	-17	1091.3	-682.8	149.8	244.5	-.6
16TH	182.00	30.9	-18.1	2911	1379	10.6	-13.2	20	-16	1060.4	-664.7	141.1	230.5	.1
17TH	195.00	30.9	-18.5	2911	1379	10.6	-13.4	19	-15	1029.5	-646.2	132.6	216.9	.9
18TH	208.00	31.1	-18.8	2911	1379	10.7	-13.7	19	-15	998.4	-627.4	124.3	203.7	1.6
19TH	221.00	31.3	-19.2	2911	1379	10.8	-13.9	18	-14	967.1	-608.1	116.2	191.0	2.2
20TH	234.00	31.5	-19.6	2911	1379	10.8	-14.2	17	-13	935.6	-588.6	108.5	178.6	2.9
21ST	247.00	31.0	-19.0	2911	1379	10.6	-13.8	16	-13	904.6	-569.6	100.9	166.6	3.5
22ND	260.00	28.6	-17.6	2911	1379	9.8	-12.8	12	-9	876.0	-551.9	93.6	155.1	3.9
23RD	273.00	26.2	-16.3	2911	1379	9.0	-11.8	7	-5	849.8	-535.6	86.6	143.9	4.1
24TH	286.00	23.8	-14.9	2911	1379	8.2	-10.8	1	-1	826.0	-520.7	79.7	133.0	4.1
25TH	299.00	22.3	-14.8	2911	1379	7.7	-10.7	-6	4	803.7	-505.9	73.0	122.4	4.0
		24.9	-16.1	2911	1379	8.6	-11.6	-3	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									778.8	-489.9	66.6	112.1	3.9
27TH	325.00	27.5	-17.3	2911	1379	9.4	-12.6	-2	1	751.3	-472.5	60.3	102.1	3.8
28TH	338.00	30.1	-18.6	2911	1379	10.3	-13.5	-0	0	721.3	-453.9	54.3	92.6	3.8
29TH	351.00	32.6	-20.0	2911	1379	11.2	-14.5	1	-1	688.6	-433.9	48.5	83.4	3.9
30TH	364.00	32.0	-20.1	2911	1379	11.0	-14.6	4	-3	656.6	-413.8	43.0	74.7	4.0
31ST	377.00	31.7	-20.9	2911	1379	10.9	-15.2	4	-3	624.9	-392.9	37.8	66.3	4.1
32ND	390.00	31.4	-21.7	2911	1379	10.8	-15.8	4	-2	593.6	-371.1	32.8	58.4	4.3
33RD	403.00	31.0	-22.5	2911	1379	10.7	-16.3	3	-2	562.5	-348.6	28.1	50.9	4.4
34TH	416.00	32.5	-24.9	2911	1379	11.2	-18.1	5	-3	530.0	-323.7	23.7	43.8	4.6
35TH	429.00	36.0	-29.0	2911	1379	12.4	-21.1	9	-5	493.9	-294.7	19.7	37.1	4.9
36TH	442.00	39.6	-33.1	2911	1379	13.6	-24.0	11	-6	454.4	-261.5	16.1	31.0	5.4
37TH	455.00	43.1	-37.3	2911	1379	14.8	-27.0	14	-8	411.3	-224.3	13.0	25.3	6.0
38TH	468.00	46.6	-41.4	2911	1379	16.0	-30.0	16	-8	364.7	-182.9	10.3	20.3	6.8
39TH	481.00	44.2	-24.2	2584	958	17.1	-25.2	-3	2	320.5	-158.7	8.1	15.8	6.6
40TH	494.00	37.3	-18.9	2557	923	14.6	-20.5	-16	15	283.2	-139.8	6.1	11.9	5.9
41ST	507.00	43.8	-20.0	2557	923	17.1	-21.7	-8	8	239.4	-119.8	4.5	8.5	5.4
42ND	520.00	47.0	-22.1	2557	923	18.4	-23.9	-6	6	192.3	-97.8	3.0	5.7	5.0
43RD	533.00	49.1	-24.3	2557	923	19.2	-26.3	-5	5	143.2	-73.4	1.9	3.5	4.7
44TH	546.00	51.2	-26.2	2557	923	20.0	-28.4	-4	3	92.0	-47.2	1.1	2.0	4.5
45TH	562.00	35.4	-12.9	2027	1136	17.5	-11.4	-22	29	56.6	-34.3	.5	.8	3.1
TOP	591.00	56.6	-34.3	3673	2059	15.4	-16.7	-47	37	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1335.5	-926.7	300.8	573.1	-13.0
2ND	20.00	-2.0	-23.9	2962	2264	-.7	-10.6	63	3	1337.6	-902.8	282.5	546.4	-12.2
3RD	30.00	-4.9	-14.1	1556	1262	-3.2	-11.1	67	11	1342.5	-888.7	273.6	533.0	-11.6
4TH	40.00	-6.5	-13.8	1556	1262	-4.2	-10.9	56	13	1349.1	-874.9	264 8	519.6	-11.1
5TH	50.00	-8.2	-13.5	1556	1262	-5.2	-10.7	45	13	1357.2	-861.4	256.1	506.0	-10.7
6TH	60.00	-9.8	-13.2	1556	1262	-6.3	-10.5	35	13	1367.0	-848.2	247.5	492.4	-10.3
7TH	70.00	-11.1	-13.0	1556	1262	-7.1	-10.3	28	11	1378.1	-835.2	239.1	478.7	-10.0
8TH	80.00	-10.6	-13.3	1556	1262	-6.8	-10.6	31	12	1388.7	-821.8	230.8	464.8	-9.6
9TH	90.00	-10.1	-13.6	1556	1262	-6.5	-10.8	35	12	1398.8	-808.2	222.7	450.9	-9.2
10TH	100.00	-9.6	-13.9	1556	1262	-6.1	-11.0	39	13	1408.4	-794.3	214.7	436.9	-8.8
11TH	110.00	-9.0	-14.2	1556	1262	-5.8	-11.3	43	13	1417.4	-780.1	206.8	422.7	-8.3
12TH	120.00	-8.5	-14.5	1556	1262	-5.5	-11.5	47	13	1425.9	-765.6	199.1	408.5	-7.8
13TH	130.00	-7.9	-14.8	1556	1262	-5.1	-11.7	51	13	1433.8	-750.8	191.5	394.2	-7.3
14TH	156.00	48.4	-33.7	5822	2758	8.3	-12.2	24	-17	1385.4	-717.1	172.4	357.6	-6.0
15TH	169.00	24.7	-16.7	2911	1379	8.5	-12.1	23	-16	1360.7	-700.4	163.2	339.7	-5.3
16TH	182.00	25.1	-16.6	2911	1379	8.6	-12.0	23	-16	1335.6	-683.8	154.2	322.2	-4.7
17TH	195.00	25.6	-16.8	2911	1379	8.8	-12.2	22	-16	1310.0	-667.0	145.4	305.0	-4.0
18TH	208.00	26.4	-17.0	2911	1379	9.1	-12.3	21	-15	1283.6	-650.1	136.8	288.1	-3.4
19TH	221.00	27.1	-17.2	2911	1379	9.3	-12.5	20	-15	1256.5	-632.9	128.5	271.6	-2.8
20TH	234.00	27.8	-17.4	2911	1379	9.5	-12.6	19	-15	1228.8	-615.5	120.4	255.5	-2.1
21ST	247.00	27.9	-16.8	2911	1379	9.6	-12.2	18	-14	1200.9	-598.8	112.5	239.7	-1.5
22ND	260.00	26.2	-15.5	2911	1379	9.0	-11.3	15	-12	1174.7	-583.2	104 8	224.2	-1.1
23RD	273.00	24.6	-14.3	2911	1379	8.5	-10.4	11	-9	1150.1	-568.9	97.3	209.1	-.7
24TH	286.00	23.0	-13.1	2911	1379	7.9	-9.5	7	-6	1127.1	-555.8	90.0	194.3	-.5
25TH	299.00	22.3	-12.8	2911	1379	7.6	-9.3	3	-3	1104.9	-543.0	82 9	179.8	-.4
		25.3	-13.8	2911	1379	8.7	-10.0	5	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										1079.6	-529.2	75.9	165.6	-.3
26TH	312.00	28.3	-14.8	2911	1379	9.7	-10.8	7	-6	1051.2	-514.3	69.1	151.8	-.0
27TH	325.00	31.4	-15.9	2911	1379	10.8	-11.5	8	-7	1019.9	-498.5	62.5	138.3	.3
28TH	338.00	34.4	-17.4	2911	1379	11.8	-12.6	9	-9	985.4	-481.1	56.2	125.3	.7
29TH	351.00	36.9	-19.9	2911	1379	12.7	-14.4	9	-8	948.5	-461.2	50.1	112.7	1.2
30TH	364.00	37.7	-21.7	2911	1379	12.9	-15.7	9	-8	910.8	-439.6	44.2	100.6	1.6
31ST	377.00	38.4	-23.4	2911	1379	13.2	-17.0	9	-7	872.5	-416.1	38.6	89.0	2.0
32ND	390.00	39.1	-25.2	2911	1379	13.4	-18.3	9	-6	833.3	-390.9	33.4	77.9	2.4
33RD	403.00	41.7	-27.8	2911	1379	14.3	-20.2	9	-6	791.6	-363.1	28.5	67.4	2.8
34TH	416.00	46.5	-31.3	2911	1379	16.0	-22.7	9	-7	745.1	-331.7	24.0	57.4	3.3
35TH	429.00	51.2	-34.8	2911	1379	17.6	-25.3	10	-7	693.9	-296.9	19.9	48.0	3.9
36TH	442.00	56.0	-38.3	2911	1379	19.2	-27.8	10	-7	638.0	-258.6	16.3	39.4	4.5
37TH	455.00	60.7	-41.9	2911	1379	20.9	-30.4	11	-7	577.3	-216.7	13.2	31.5	5.2
38TH	468.00	66.9	-23.6	2584	958	25.9	-24.6	2	-3	510.3	-193.1	10.5	24.4	5.5
39TH	481.00	61.8	-18.5	2557	923	24.2	-20.1	-3	5	448.5	-174.6	8.1	18.2	5.1
40TH	494.00	71.1	-19.6	2557	923	27.8	-21.2	0	-0	377.4	-155.0	6.0	12.8	5.2
41ST	507.00	77.3	-24.5	2557	923	30.2	-26.5	1	-1	300.1	-130.5	4.1	8.4	5.3
42ND	520.00	82.2	-30.4	2557	923	32.2	-32.9	1	-1	217.9	-100.1	2.6	5.0	5.4
43RD	533.00	87.2	-35.8	2557	923	34.1	-38.8	1	-1	130.7	-64.3	1.6	2.8	5.5
44TH	546.00	53.7	-17.6	2027	1136	26.5	-15.5	-17	25	77.0	-46.6	.7	1.1	3.8
45TH	562.00	77.0	-46.6	3673	2059	21.0	-22.7	-41	33	0.0	0.0	0.0	0.0	0.0
TOP	591.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									935.3	-445.9	186.6	410.4	-.0
2ND	20.00	-13.2	.0	2962	2264	-4.4	.0	0	-18	948.5	-445.9	177.7	391.6	-.3
3RD	30.00	-7.8	-1.7	1556	1262	-5.0	-1.3	-1	-1	956.3	-444.2	173.2	382.0	-.3
4TH	40.00	-8.1	-1.8	1556	1262	-5.2	-1.5	-1	-3	964.4	-442.4	168.8	372.4	-.3
5TH	50.00	-8.4	-2.0	1556	1262	-5.4	-1.6	-2	-4	972.8	-440.4	164.4	362.8	-.4
6TH	60.00	-8.7	-2.1	1556	1262	-5.6	-1.7	-3	-5	981.5	-438.3	160.0	353.0	-.4
7TH	70.00	-8.9	-2.3	1556	1262	-5.7	-1.8	-3	-6	990.5	-436.0	155.6	343.1	-.5
8TH	80.00	-9.0	-2.1	1556	1262	-5.8	-1.7	-4	-7	999.5	-433.8	151.3	333.2	-.6
9TH	90.00	-9.1	-1.9	1556	1262	-5.8	-1.5	-4	-8	1008.6	-431.9	147.0	323.1	-.7
10TH	100.00	-9.2	-1.7	1556	1262	-5.9	-1.4	-3	-9	1017.7	-430.2	142.6	313.0	-.7
11TH	110.00	-9.2	-1.5	1556	1262	-5.9	-1.2	-3	-10	1026.9	-428.7	138.4	302.8	-.9
12TH	120.00	-9.3	-1.3	1556	1262	-6.0	-1.0	-3	-11	1036.2	-427.5	134.1	292.5	-1.0
13TH	130.00	-9.4	-1.1	1556	1262	-6.0	-.9	-3	-11	1045.6	-426.4	129.8	282.1	-1.1
14TH	156.00	31.9	-2.7	5822	2758	5.5	-1.0	1	-3	1013.7	-423.6	118.8	255.3	-1.0
15TH	169.00	16.9	-1.7	2911	1379	5.8	-1.2	1	-6	996.9	-422.0	113.3	242.2	-.9
16TH	182.00	17.5	-1.8	2911	1379	6.0	-1.3	2	-7	979.4	-420.1	107.8	229.4	-.7
17TH	195.00	18.5	-2.4	2911	1379	6.3	-1.8	2	-7	960.9	-417.7	102.3	216.8	-.6
18TH	208.00	19.7	-3.1	2911	1379	6.8	-2.2	2	-6	941.2	-414.6	96.9	204.4	-.4
19TH	221.00	20.8	-3.7	2911	1379	7.2	-2.7	2	-6	920.4	-410.9	91.6	192.3	-.3
20TH	234.00	22.0	-4.3	2911	1379	7.6	-3.1	2	-5	898.4	-406.6	86.2	180.5	-.2
21ST	247.00	22.6	-4.8	2911	1379	7.8	-3.5	2	-5	875.8	-401.8	81.0	168.9	-.0
22ND	260.00	22.0	-5.0	2911	1379	7.6	-3.6	1	-2	853.8	-396.8	75.8	157.7	.0
23RD	273.00	21.5	-5.3	2911	1379	7.4	-3.8	-0	0	832.2	-391.6	70.7	146.7	.0
24TH	286.00	21.0	-5.5	2911	1379	7.2	-4.0	-1	2	811.2	-386.1	65.6	136.1	-.0
25TH	299.00	20.9	-6.1	2911	1379	7.2	-4.4	-3	4	790.3	-379.9	60.6	125.6	-.2
		22.7	-7.2	2911	1379	7.8	-5.2	-1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									767.6	-372.8	55.8	115.5	-.2
27TH	325.00	24.6	-8.3	2911	1379	8.4	-6.0	1	-1	743.0	-364.5	51.0	105.7	-.2
28TH	338.00	26.4	-9.3	2911	1379	9.1	-6.8	2	-3	716.6	-355.1	46.3	96.2	-.1
29TH	351.00	28.2	-10.3	2911	1379	9.7	-7.5	4	-5	688.4	-344.8	41.7	87.1	.1
30TH	364.00	28.3	-11.7	2911	1379	9.7	-8.5	6	-7	660.1	-333.1	37.3	78.3	.4
31ST	377.00	28.5	-13.6	2911	1379	9.8	-9.8	7	-8	631.7	-319.5	33.1	69.9	.7
32ND	390.00	28.6	-15.4	2911	1379	9.8	-11.2	8	-8	603.1	-304.1	29.0	61.9	1.0
33RD	403.00	28.8	-17.3	2911	1379	9.9	-12.5	9	-8	574.3	-286.9	25.2	54.2	1.3
34TH	416.00	30.2	-19.5	2911	1379	10.4	-14.1	10	-8	544.1	-267.4	21.6	47.0	1.7
35TH	429.00	32.8	-22.1	2911	1379	11.3	-16.1	11	-8	511.3	-245.2	18.3	40.1	2.1
36TH	442.00	35.5	-24.8	2911	1379	12.2	-18.0	11	-8	475.8	-220.4	15.2	33.7	2.5
37TH	455.00	38.1	-27.5	2911	1379	13.1	-19.9	12	-8	437.7	-193.0	12.5	27.8	3.0
38TH	468.00	40.8	-30.1	2911	1379	14.0	-21.9	12	-8	396.9	-162.8	10.2	22.3	3.6
39TH	481.00	42.4	-17.0	2584	958	16.4	-17.8	2	-3	354.5	-145.8	8.2	17.4	3.7
40TH	494.00	39.0	-13.8	2557	923	15.3	-15.0	-4	6	315.4	-132.0	6.4	13.1	3.4
41ST	507.00	46.6	-13.8	2557	923	18.2	-15.0	0	-0	268.8	-118.2	4.8	9.3	3.4
42ND	520.00	52.5	-17.2	2557	923	20.5	-18.7	1	-2	216.3	-101.0	3.4	6.1	3.6
43RD	533.00	57.8	-21.6	2557	923	22.6	-23.4	2	-3	158.5	-79.3	2.2	3.7	3.8
44TH	546.00	63.0	-25.6	2557	923	24.6	-27.8	3	-3	95.6	-53.7	1.3	2.1	4.0
45TH	562.00	38.3	-13.8	2027	1136	18.9	-12.2	-18	24	57.3	-39.9	.6	.8	2.8
TOP	591.00	57.3	-39.9	3673	2059	15.6	-19.4	-44	30	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									450.9	-15.8	50.1	217.3	6.9
2ND	20.00	-16.9	13.2	2962	2264	-5.7	5.8	57	-35	467.8	-29.0	49.7	208.1	5.8
3RD	30.00	-9.9	5.3	1556	1262	-6.4	4.2	34	-31	477.7	-34.3	49.4	203.4	5.4
4TH	40.00	-10.7	4.8	1556	1262	-6.9	3.8	27	-29	488.4	-39.1	49.0	198.5	5.0
5TH	50.00	-11.4	4.4	1556	1262	-7.4	3.5	21	-27	499.8	-43.5	48.6	193.6	4.6
6TH	60.00	-12.2	3.9	1556	1262	-7.9	3.1	16	-25	512.0	-47.4	48.1	188.5	4.2
7TH	70.00	-12.9	3.4	1556	1262	-8.3	2.7	13	-23	524.9	-50.8	47.6	183.3	3.9
8TH	80.00	-13.0	3.4	1556	1262	-8.4	2.7	13	-23	538.0	-54.2	47.1	178.0	3.5
9TH	90.00	-13.1	3.6	1556	1262	-8.4	2.9	13	-23	551.1	-57.8	46.6	172.6	3.1
10TH	100.00	-13.2	3.8	1556	1262	-8.5	3.0	14	-23	564.3	-61.7	46.0	167.0	2.8
11TH	110.00	-13.3	4.0	1556	1262	-8.5	3.2	15	-23	577.6	-65.7	45.3	161.3	2.4
12TH	120.00	-13.4	4.2	1556	1262	-8.6	3.3	15	-24	591.0	-69.9	44.6	155.4	2.0
13TH	130.00	-13.5	4.4	1556	1262	-8.7	3.5	16	-23	604.5	-74.3	43.9	149.5	1.6
14TH	156.00	23.9	8.2	5822	2758	4.1	3.0	6	8	580.6	-82.5	41.9	134.1	1.4
15TH	169.00	12.6	4.0	2911	1379	4.3	2.9	4	6	568.0	-86.5	40.8	126.6	1.3
16TH	182.00	13.0	3.9	2911	1379	4.5	2.9	3	5	555.0	-90.4	39.6	119.3	1.2
17TH	195.00	13.6	3.6	2911	1379	4.7	2.6	2	4	541.4	-94.0	38.4	112.2	1.2
18TH	208.00	14.2	3.2	2911	1379	4.9	2.3	1	3	527.2	-97.1	37.2	105.2	1.1
19TH	221.00	14.8	2.8	2911	1379	5.1	2.0	0	1	512.4	-99.9	35.9	98.5	1.1
20TH	234.00	15.4	2.4	2911	1379	5.3	1.7	-0	-0	497.0	-102.3	34.6	91.9	1.1
21ST	247.00	15.8	2.4	2911	1379	5.4	1.7	-0	-0	481.2	-104.7	33.3	85.5	1.1
22ND	260.00	15.6	2.6	2911	1379	5.4	1.9	1	2	465.6	-107.3	31.9	79.4	1.1
23RD	273.00	15.4	2.9	2911	1379	5.3	2.1	2	5	450.2	-110.2	30.5	73.4	1.0
24TH	286.00	15.2	3.1	2911	1379	5.2	2.3	3	8	435.0	-113.3	29.0	67.7	.8
25TH	299.00	15.2	3.2	2911	1379	5.2	2.3	4	10	419.8	-116.5	27.5	62.1	.7
		16.0	2.9	2911	1379	5.5	2.1	3	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	16.9	2.7	2911	1379	5.8	1.9	2	5	403.7	-119.4	26.0	56.8	.5
27TH	325.00	17.7	2.4	2911	1379	6.1	1.7	1	3	386.9	-122.1	24.4	51.6	.4
28TH	338.00	18.4	1.9	2911	1379	6.3	1.4	0	1	369.2	-124.5	22.8	46.7	.4
29TH	351.00	17.0	.6	2911	1379	5.8	.5	-0	-3	350.8	-126.4	21.2	42.0	.4
30TH	364.00	17.1	-.4	2911	1379	5.9	-.3	0	-4	333.8	-127.0	19.5	37.6	.4
31ST	377.00	17.3	-1.4	2911	1379	5.9	-1.0	1	-5	316.6	-126.6	17.9	33.4	.5
32ND	390.00	17.4	-2.4	2911	1379	6.0	-1.8	2	-6	299.3	-125.2	16.2	29.4	.6
33RD	403.00	18.1	-3.5	2911	1379	6.2	-2.5	3	-7	281.9	-122.8	14.6	25.6	.7
34TH	416.00	19.2	-4.5	2911	1379	6.6	-3.3	4	-8	263.8	-119.3	13.1	22.0	.9
35TH	429.00	20.4	-5.6	2911	1379	7.0	-4.1	5	-9	244.6	-114.8	11.5	18.7	1.0
36TH	442.00	21.6	-6.6	2911	1379	7.4	-4.8	7	-10	224.2	-109.2	10.1	15.7	1.3
37TH	455.00	22.7	-7.7	2911	1379	7.8	-5.6	8	-11	202.6	-102.6	8.7	12.9	1.5
38TH	468.00	18.5	-5.5	2584	958	7.2	-5.8	-0	0	179.9	-94.9	7.4	10.4	1.8
39TH	481.00	17.6	-4.2	2557	923	6.9	-4.5	-3	6	161.3	-89.4	6.2	8.2	1.8
40TH	494.00	20.6	-4.5	2557	923	8.0	-4.8	0	-1	143.7	-85.2	5.1	6.2	1.7
41ST	507.00	23.1	-6.6	2557	923	9.0	-7.2	2	-4	123.1	-80.7	4.0	4.5	1.7
42ND	520.00	25.4	-9.3	2557	923	9.9	-10.0	4	-6	100.1	-74.1	3.0	3.0	1.9
43RD	533.00	27.7	-11.8	2557	923	10.8	-12.8	6	-7	74.7	-64.8	2.1	1.9	2.0
44TH	546.00	14.0	-12.5	2027	1136	6.9	-11.0	-38	20	46.9	-53.0	1.3	1.1	2.3
45TH	562.00	32.9	-40.6	3673	2059	9.0	-19.7	-49	19	32.9	-40.6	.6	.5	1.7
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									237.1	277.1	-48.8	154.5	8.3
2ND	20.00	-28.2	21.2	2962	2264	-9.5	9.4	36	-23	265.3	255.9	-43.5	149.4	7.2
3RD	30.00	-14.9	9.3	1556	1262	-9.6	7.4	29	-22	280.2	246.5	-40 9	146.7	6.7
4TH	40.00	-15.3	8.7	1556	1262	-9.8	6.9	26	-22	295.5	237.8	-38.5	143.8	6.2
5TH	50.00	-15.6	8.2	1556	1262	-10.0	6.5	24	-22	311.1	229.6	-36.2	140.8	5.7
6TH	60.00	-16.0	7.6	1556	1262	-10.3	6.0	21	-21	327.1	222.1	-33.9	137.6	5.2
7TH	70.00	-16.3	6.9	1556	1262	-10.5	5.5	19	-21	343.4	215.1	-31.7	134.3	4.8
8TH	80.00	-16.4	6.7	1556	1262	-10.5	5.3	18	-21	359.8	208.4	-29.6	130.7	4.3
9TH	90.00	-16.5	6.7	1556	1262	-10.6	5.3	18	-21	376.2	201.7	-27.6	127.1	3.9
10TH	100.00	-16.5	6.6	1556	1262	-10.6	5.2	17	-21	392.8	195.1	-25.6	123.2	3.5
11TH	110.00	-16.6	6.6	1556	1262	-10.7	5.2	17	-21	409.3	188.5	-23.7	119.2	3.0
12TH	120.00	-16.6	6.5	1556	1262	-10.7	5.1	17	-21	426.0	182.1	-21.8	115.0	2.6
13TH	130.00	-16.7	6.5	1556	1262	-10.7	5.1	17	-21	442.7	175.6	-20.0	110.7	2.1
14TH	156.00	13.8	14.6	5822	2758	2.4	5.3	1	1	428.9	161.0	-15.6	99.4	2.1
15TH	169.00	7.5	8.0	2911	1379	2.6	5.8	0	0	421.4	153.0	-13.6	93.8	2.1
16TH	182.00	7.8	8.5	2911	1379	2.7	6.2	-0	-0	413.6	144.5	-11.7	88.4	2.1
17TH	195.00	8.4	8.5	2911	1379	2.9	6.2	-2	-1	405.2	136.0	-9.8	83.1	2.1
18TH	208.00	9.2	8.5	2911	1379	3.1	6.2	-3	-1	396.0	127.4	-8.1	77.9	2.2
19TH	221.00	9.9	8.5	2911	1379	3.4	6.2	-4	-2	386.1	118.9	-6.5	72.8	2.2
20TH	234.00	10.6	8.5	2911	1379	3.6	6.2	-5	-3	375.5	110.4	-5.0	67.8	2.3
21ST	247.00	11.1	8.7	2911	1379	3.8	6.3	-4	-2	364.5	101.8	-3.7	63.0	2.3
22ND	260.00	11.1	8.9	2911	1379	3.8	6.5	-1	-0	353.4	92.9	-2 4	58.4	2.3
23RD	273.00	11.1	9.1	2911	1379	3.8	6.6	3	2	342.3	83.7	-1.3	53.8	2.3
24TH	286.00	11.1	9.4	2911	1379	3.8	6.8	6	4	331.1	74.3	- .2	49.5	2.2
25TH	299.00	11.3	9.5	2911	1379	3.9	6.9	9	5	319.8	64.8	.7	45.2	2.1
		12.2	9.4	2911	1379	4.2	6.8	7	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									307.6	55.4	1.5	41.1	2.0
27TH	325.00	13.1	9.3	2911	1379	4.5	6.8	6	4	294.6	46.1	2.1	37.2	1.9
28TH	338.00	13.9	9.2	2911	1379	4.8	6.7	5	4	280.6	36.9	2.7	33.5	1.8
29TH	351.00	14.8	9.2	2911	1379	5.1	6.6	4	3	265.8	27.7	3.1	29.9	1.8
30TH	364.00	15.0	8.7	2911	1379	5.1	6.3	3	3	250.8	19.0	3.4	26.6	1.7
31ST	377.00	14.8	8.0	2911	1379	5.1	5.8	3	3	236.0	11.0	3.6	23.4	1.7
32ND	390.00	14.6	7.3	2911	1379	5.0	5.3	3	3	221.4	3.7	3.7	20.4	1.6
33RD	403.00	14.5	6.6	2911	1379	5.0	4.8	4	4	206.9	-2.9	3.7	17.7	1.5
34TH	416.00	14.6	5.8	2911	1379	5.0	4.2	3	4	192.3	-8.7	3.6	15.1	1.4
35TH	429.00	15.1	5.0	2911	1379	5.2	3.7	2	3	177.2	-13.8	3.5	12.7	1.4
36TH	442.00	15.6	4.3	2911	1379	5.4	3.1	1	2	161.5	-18.0	3.2	10.5	1.3
37TH	455.00	16.2	3.5	2911	1379	5.6	2.5	1	1	145.4	-21.5	3.0	8.5	1.3
38TH	468.00	16.7	2.7	2911	1379	5.7	1.9	0	1	128.7	-24.2	2.7	6.7	1.3
39TH	481.00	17.9	1.9	2584	958	6.9	1.9	0	1	110.8	-26.0	2.4	5.1	1.3
40TH	494.00	16.9	1.7	2557	923	6.6	1.8	1	3	93.9	-27.7	2.0	3.8	1.2
41ST	507.00	16.6	1.0	2557	923	6.5	1.0	0	2	77.2	-28.7	1.7	2.7	1.2
42ND	520.00	16.5	-.3	2557	923	6.4	-.3	-0	1	60.8	-28.4	1.3	1.8	1.2
43RD	533.00	16.4	-1.7	2557	923	6.4	-1.9	-0	1	44.4	-26.7	.9	1.1	1.2
44TH	546.00	16.3	-3.1	2557	923	6.4	-3.4	-0	0	28.1	-23.5	.6	.6	1.2
45TH	562.00	9.7	-5.4	2027	1136	4.8	-4.8	-27	23	18.4	-18.1	.3	.3	.9
TOP	591.00	18.4	-18.1	3673	2059	5.0	-8.8	-44	21	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-198.0	555.8	-134.5	21.2	14.8
2ND	20.00	-45.4	32.9	2962	2264	-15.3	14.5	31	-20	-152.6	522.8	-123.8	24.7	13.2
3RD	30.00	-22.8	14.8	1556	1262	-14.7	11.7	26	-19	-129.8	508.0	-118.6	26.1	12.5
4TH	40.00	-22.7	14.0	1556	1262	-14.6	11.1	25	-19	-107.1	494.0	-113.6	27.3	11.9
5TH	50.00	-22.6	13.3	1556	1262	-14.5	10.5	23	-19	-84.5	480.7	-108.7	28.3	11.2
6TH	60.00	-22.5	12.5	1556	1262	-14.4	9.9	22	-19	-62.1	468.3	-104.0	29.0	10.6
7TH	70.00	-22.4	11.7	1556	1262	-14.4	9.3	20	-19	-39.6	456.5	-99.4	29.5	10.0
8TH	80.00	-22.8	11.6	1556	1262	-14.7	9.2	20	-19	-16.8	444.9	-94.8	29.8	9.4
9TH	90.00	-23.2	11.7	1556	1262	-14.9	9.3	20	-19	6.4	433.2	-90.5	29.8	8.8
10TH	100.00	-23.6	11.8	1556	1262	-15.2	9.3	21	-20	30.1	421.4	-86.2	29.7	8.1
11TH	110.00	-24.0	11.9	1556	1262	-15.4	9.4	21	-20	54.1	409.5	-82.0	29.2	7.5
12TH	120.00	-24.4	11.9	1556	1262	-15.7	9.5	21	-21	78.5	397.6	-78.0	28.6	6.8
13TH	130.00	-25.0	12.2	1556	1262	-16.1	9.7	21	-21	103.5	385.4	-74.1	27.7	6.1
14TH	156.00	1.1	26.5	5822	2758	.2	9.6	44	1	102.4	358.9	-64.4	25.0	5.4
15TH	169.00	.1	13.7	2911	1379	.1	10.0	37	0	102.2	345.2	-59.8	23.7	5.2
16TH	182.00	-.1	14.1	2911	1379	-.0	10.2	32	-0	102.3	331.2	-55.4	22.3	4.9
17TH	195.00	.0	13.9	2911	1379	.0	10.1	32	0	102.3	317.3	-51.2	21.0	4.7
18TH	208.00	.3	13.7	2911	1379	.1	9.9	31	0	102.0	303.6	-47.2	19.7	4.5
19TH	221.00	.7	13.4	2911	1379	.2	9.8	30	1	101.3	290.2	-43.3	18.4	4.3
20TH	234.00	1.0	13.2	2911	1379	.3	9.6	29	1	100.4	276.9	-39.6	17.0	4.1
21ST	247.00	1.7	13.0	2911	1379	.6	9.5	28	2	98.7	263.9	-36.1	15.7	3.9
22ND	260.00	2.3	12.9	2911	1379	.8	9.3	28	2	96.4	251.0	-32.8	14.5	3.7
23RD	273.00	3.0	12.7	2911	1379	1.0	9.2	28	3	93.4	238.4	-29.6	13.2	3.5
24TH	286.00	3.6	12.5	2911	1379	1.2	9.1	28	4	89.8	225.9	-26.6	12.1	3.3
25TH	299.00	4.3	12.4	2911	1379	1.5	9.0	28	5	85.5	213.5	-23.7	10.9	3.1
		4.9	12.3	2911	1379	1.7	8.9	25	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	5.5	12.2	2911	1379	1.9	8.9	23	5	80.6	201.2	-21.0	9.8	2.9
27TH	325.00	6.1	12.2	2911	1379	2.1	8.8	20	5	75.2	188.9	-18.5	8.8	2.7
28TH	338.00	6.6	12.2	2911	1379	2.3	8.9	18	5	69.1	176.8	-16.1	7.9	2.5
29TH	351.00	3.1	13.5	2911	1379	1.1	9.8	10	1	62.5	164.5	-13.9	7.0	2.4
30TH	364.00	3.2	13.5	2911	1379	1.1	9.8	14	2	59.4	151.0	-11.8	6.2	2.3
31ST	377.00	3.3	13.5	2911	1379	1.1	9.8	19	2	56.2	137.5	-10.0	5.5	2.2
32ND	390.00	3.4	13.5	2911	1379	1.2	9.8	23	3	52.9	124.0	-8.3	4.8	2.1
33RD	403.00	3.6	13.4	2911	1379	1.2	9.7	25	3	49.4	110.5	-6.7	4.1	1.9
34TH	416.00	3.8	13.1	2911	1379	1.3	9.5	25	4	45.8	97.1	-5.4	3.5	1.7
35TH	429.00	4.0	12.9	2911	1379	1.4	9.4	25	4	42.0	84.0	-4.2	2.9	1.5
36TH	442.00	4.3	12.7	2911	1379	1.5	9.2	26	4	38.0	71.1	-3.2	2.4	1.3
37TH	455.00	4.5	12.4	2911	1379	1.5	9.0	26	4	33.7	58.4	-2.4	1.9	1.1
38TH	468.00	4.5	8.7	2584	958	1.8	9.1	15	4	29.3	46.0	-1.7	1.5	.9
39TH	481.00	4.1	8.7	2557	923	1.6	9.4	17	4	24.7	37.3	-1.1	1.2	.9
40TH	494.00	3.5	8.4	2557	923	1.4	9.1	22	4	20.7	28.6	-.7	.9	.8
41ST	507.00	3.4	7.5	2557	923	1.3	8.2	19	4	17.2	20.2	-.4	.6	.6
42ND	520.00	3.5	6.5	2557	923	1.4	7.0	13	3	13.8	12.6	-.2	.4	.5
43RD	533.00	3.7	5.3	2557	923	1.4	5.8	5	2	10.2	6.2	-.1	.3	.5
44TH	546.00	1.5	.7	2027	1136	.7	.6	68	70	6.6	.9	-.0	.2	.5
45TH	562.00	5.1	.2	3673	2059	1.4	.1	4	59	5.1	.2	-.0	.1	.3
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-55.3	30.1	2962	2264	-18.7	13.3	19	-17	-882.7	375.1	-71.1	-213.7	16.5
2ND	20.00	-28.7	12.9	1556	1262	-18.4	10.3	14	-15	-827.4	345.0	-63.9	-196.6	15.1
3RD	30.00	-29.1	12.0	1556	1262	-18.7	9.5	13	-15	-798.7	332.1	-60.5	-188.4	14.6
4TH	40.00	-29.5	11.1	1556	1262	-19.0	8.8	11	-14	-769.7	320.1	-57.3	-180.6	14.0
5TH	50.00	-29.9	10.1	1556	1262	-19.2	8.0	10	-14	-740.2	309.0	-54.1	-173.0	13.5
6TH	60.00	-30.3	9.1	1556	1262	-19.5	7.2	8	-13	-710.2	298.9	-51.1	-165.8	12.9
7TH	70.00	-30.6	9.1	1556	1262	-19.7	7.2	9	-14	-679.9	289.8	-48.1	-158.8	12.4
8TH	80.00	-30.8	9.4	1556	1262	-19.8	7.4	9	-14	-649.3	280.7	-45.3	-152.2	11.9
9TH	90.00	-31.0	9.6	1556	1262	-19.9	7.6	9	-15	-618.5	271.3	-42.5	-145.9	11.4
10TH	100.00	-31.3	9.9	1556	1262	-20.1	7.8	10	-15	-587.5	261.7	-39.9	-139.8	10.9
11TH	110.00	-31.5	10.1	1556	1262	-20.2	8.0	10	-15	-556.2	251.8	-37.3	-134.1	10.3
12TH	120.00	-31.9	10.5	1556	1262	-20.5	8.3	11	-15	-524.7	241.7	-34.8	-128.7	9.7
13TH	130.00	-15.7	20.1	5822	2758	-2.7	7.3	14	-5	-492.8	231.2	-32.5	-123.6	9.1
14TH	156.00	-9.5	9.8	2911	1379	-3.3	7.1	22	-10	-477.1	211.1	-26.7	-111.0	8.9
15TH	169.00	-10.6	9.6	2911	1379	-3.6	7.0	26	-14	-467.6	201.3	-24.0	-104.9	8.6
16TH	182.00	-11.2	9.4	2911	1379	-3.9	6.8	26	-15	-457.0	191.7	-21.5	-98.8	8.3
17TH	195.00	-11.5	9.2	2911	1379	-4.0	6.7	25	-15	-445.8	182.2	-19.1	-93.0	8.0
18TH	208.00	-11.9	9.0	2911	1379	-4.1	6.6	23	-15	-434.3	173.0	-16.7	-87.3	7.7
19TH	221.00	-12.2	8.8	2911	1379	-4.2	6.4	22	-15	-422.4	164.0	-14.6	-81.7	7.4
20TH	234.00	-12.4	8.8	2911	1379	-4.2	6.4	22	-15	-410.2	155.1	-12.5	-76.3	7.1
21ST	247.00	-12.7	9.0	2911	1379	-4.3	6.5	23	-16	-397.8	146.3	-10.5	-71.0	6.8
22ND	260.00	-13.0	9.1	2911	1379	-4.5	6.6	25	-17	-385.2	137.3	-8.7	-65.9	6.5
23RD	273.00	-13.2	9.3	2911	1379	-4.6	6.7	26	-18	-372.2	128.2	-7.0	-61.0	6.1
24TH	286.00	-13.4	9.4	2911	1379	-4.6	6.8	26	-18	-359.0	118.9	-5.3	-56.3	5.7
25TH	299.00	-13.1	9.4	2911	1379	-4.5	6.8	25	-16	-345.5	109.5	-3.9	-51.7	5.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-332.4	100.0	-2.5	-47.3	5.0
		-12.8	9.5	2911	1379	-4.4	6.9	23	-15					
27TH	325.00									-319.6	90.6	-1.3	-43.0	4.6
		-12.5	9.5	2911	1379	-4.3	6.9	21	-13					
28TH	338.00									-307.1	81.0	-.1	-39.0	4.4
		-12.3	9.5	2911	1379	-4.2	6.9	19	-12					
29TH	351.00									-294.8	71.5	.8	-35.1	4.1
		-14.7	11.1	2911	1379	-5.1	8.1	17	-11					
30TH	364.00									-280.0	60.4	1.7	-31.3	3.8
		-15.0	11.0	2911	1379	-5.1	8.0	18	-12					
31ST	377.00									-265.1	49.4	2.4	-27.8	3.5
		-15.2	11.0	2911	1379	-5.2	7.9	19	-13					
32ND	390.00									-249.8	38.4	3.0	-24.4	3.2
		-15.5	10.9	2911	1379	-5.3	7.9	21	-14					
33RD	403.00									-234.3	27.5	3.4	-21.3	2.8
		-15.6	10.8	2911	1379	-5.3	7.8	21	-15					
34TH	416.00									-218.8	16.8	3.7	-18.3	2.4
		-15.4	10.7	2911	1379	-5.3	7.8	22	-15					
35TH	429.00									-203.3	6.1	3.9	-15.6	2.1
		-15.3	10.6	2911	1379	-5.3	7.7	23	-16					
36TH	442.00									-188.0	-4.6	3.9	-13.0	1.7
		-15.2	10.5	2911	1379	-5.2	7.6	24	-17					
37TH	455.00									-172.8	-15.1	3.7	-10.7	1.2
		-15.1	10.5	2911	1379	-5.2	7.6	25	-17					
38TH	468.00									-157.7	-25.5	3.5	-8.6	.8
		-19.5	3.3	2584	958	-7.6	3.4	4	-12					
39TH	481.00									-138.2	-28.8	3.1	-6.6	.5
		-19.0	3.0	2557	923	-7.4	3.2	3	-9					
40TH	494.00									-119.2	-31.8	2.7	-5.0	.3
		-19.6	2.8	2557	923	-7.7	3.0	3	-10					
41ST	507.00									-99.5	-34.6	2.3	-3.5	.1
		-20.2	2.2	2557	923	-7.9	2.4	2	-9					
42ND	520.00									-79.4	-36.8	1.8	-2.4	-.1
		-20.6	1.5	2557	923	-8.1	1.7	1	-7					
43RD	533.00									-58.8	-38.3	1.3	-1.5	-.3
		-21.0	.6	2557	923	-8.2	.7	0	-5					
44TH	546.00									-37.8	-39.0	.8	-.9	-.4
		-13.4	-15.6	2027	1136	-6.6	-13.7	7	3					
45TH	562.00									-24.4	-23.4	.3	-.4	-.3
		-24.4	-23.4	3673	2059	-6.6	-11.4	11	5					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1083.1	84.5	17.9	-299.8	29.9
2ND	20.00	-55.6	19.4	2962	2264	-18.8	8.6	13	-18	-1027.5	65.2	19.4	-278.7	28.7
3RD	30.00	-28.9	7.1	1556	1262	-18.6	5.6	6	-13	-998.6	58.1	20.0	-268.6	28.3
4TH	40.00	-29.0	6.4	1556	1262	-18.7	5.0	6	-12	-969.6	51.7	20.6	-258.8	27.8
5TH	50.00	-29.2	5.7	1556	1262	-18.7	4.5	5	-12	-940.4	46.0	21.0	-249.2	27.5
6TH	60.00	-29.3	5.0	1556	1262	-18.8	3.9	4	-11	-911.1	41.1	21.5	-239.9	27.1
7TH	70.00	-29.4	4.3	1556	1262	-18.9	3.4	3	-11	-881.7	36.8	21.9	-231.0	26.7
8TH	80.00	-29.6	4.2	1556	1262	-19.0	3.3	3	-11	-852.1	32.6	22.2	-222.3	26.4
9TH	90.00	-29.8	4.2	1556	1262	-19.2	3.4	3	-12	-822.2	28.4	22.5	-213.9	26.0
10TH	100.00	-30.0	4.3	1556	1262	-19.3	3.4	4	-12	-792.2	24.1	22.8	-205.9	25.5
11TH	110.00	-30.2	4.3	1556	1262	-19.4	3.4	4	-13	-762.0	19.7	23.0	-198.1	25.1
12TH	120.00	-30.4	4.4	1556	1262	-19.6	3.5	4	-13	-731.6	15.3	23.2	-190.6	24.6
13TH	130.00	-30.6	4.4	1556	1262	-19.6	3.5	4	-14	-701.0	11.0	23.3	-183.5	24.2
14TH	156.00	-20.4	5.9	5822	2758	-3.5	2.1	20	-33	-680.6	5.1	23.5	-165.5	23.4
15TH	169.00	-11.9	3.1	2911	1379	-4.1	2.2	19	-35	-668.7	2.0	23.6	-156.7	22.9
16TH	182.00	-13.0	3.2	2911	1379	-4.5	2.3	18	-35	-655.7	-1.2	23.6	-148.1	22.3
17TH	195.00	-14.0	3.3	2911	1379	-4.8	2.4	17	-35	-641.7	-4.4	23.5	-139.7	21.8
18TH	208.00	-14.9	3.4	2911	1379	-5.1	2.4	16	-33	-626.8	-7.8	23.5	-131.4	21.2
19TH	221.00	-15.9	3.5	2911	1379	-5.4	2.5	15	-32	-610.9	-11.3	23.3	-123.4	20.6
20TH	234.00	-16.8	3.6	2911	1379	-5.8	2.6	14	-31	-594.1	-14.9	23.2	-115.6	20.0
21ST	247.00	-17.2	3.8	2911	1379	-5.9	2.7	14	-31	-577.0	-18.6	22.9	-108.0	19.4
22ND	260.00	-17.2	4.0	2911	1379	-5.9	2.9	16	-33	-559.8	-22.6	22.7	-100.6	18.7
23RD	273.00	-17.2	4.2	2911	1379	-5.9	3.1	18	-34	-542.6	-26.8	22.4	-93.4	18.0
24TH	286.00	-17.2	4.4	2911	1379	-5.9	3.2	20	-36	-525.5	-31.3	22.0	-86.5	17.3
25TH	299.00	-17.1	4.5	2911	1379	-5.9	3.3	21	-37	-508.4	-35.8	21.5	-79.7	16.5
		-16.6	4.5	2911	1379	-5.7	3.3	21	-37					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-491.8	-40.3	21.0	-73.2	15.8
		-16.2	4.4	2911	1379	-5.6	3.2	21	-36					
27TH	325.00									-475.6	-44.8	20.5	-67.0	15.1
		-15.7	4.4	2911	1379	-5.4	3.2	21	-36					
28TH	338.00									-459.9	-49.1	19.9	-60.9	14.4
		-15.3	4.4	2911	1379	-5.3	3.2	21	-35					
29TH	351.00									-444.6	-53.5	19.2	-55.0	13.8
		-17.3	5.0	2911	1379	-5.9	3.6	21	-34					
30TH	364.00									-427.4	-58.6	18.5	-49.3	13.1
		-18.1	5.4	2911	1379	-6.2	3.9	21	-34					
31ST	377.00									-409.3	-64.0	17.7	-43.9	12.3
		-18.9	5.8	2911	1379	-6.5	4.2	22	-33					
32ND	390.00									-390.4	-69.8	16.8	-38.7	11.6
		-19.7	6.2	2911	1379	-6.8	4.5	22	-33					
33RD	403.00									-370.8	-76.0	15.9	-33.7	10.8
		-20.4	6.7	2911	1379	-7.0	4.9	23	-34					
34TH	416.00									-350.3	-82.7	14.8	-29.1	9.9
		-21.2	7.2	2911	1379	-7.3	5.3	25	-36					
35TH	429.00									-329.1	-90.0	13.7	-24.6	9.0
		-22.0	7.8	2911	1379	-7.5	5.7	28	-37					
36TH	442.00									-307.2	-97.8	12.5	-20.5	8.0
		-22.7	8.4	2911	1379	-7.8	6.1	30	-39					
37TH	455.00									-284.4	-106.1	11.2	-16.7	6.9
		-23.5	8.9	2911	1379	-8.1	6.5	32	-40					
38TH	468.00									-260.9	-115.0	9.7	-13.1	5.7
		-33.3	-2.5	2584	958	-12.9	-2.6	-4	-29					
39TH	481.00									-227.7	-112.6	8.3	-9.9	4.6
		-35.6	-2.3	2557	923	-13.9	-2.5	-4	-27					
40TH	494.00									-192.1	-110.3	6.8	-7.2	3.6
		-35.6	-3.4	2557	923	-13.9	-3.7	-5	-24					
41ST	507.00									-156.4	-106.8	5.4	-4.9	2.6
		-36.4	-6.0	2557	923	-14.2	-6.5	-8	-22					
42ND	520.00									-120.1	-100.8	4.0	-3.1	1.7
		-37.3	-9.0	2557	923	-14.6	-9.8	-11	-21					
43RD	533.00									-82.7	-91.8	2.8	-1.8	.8
		-38.3	-12.3	2557	923	-15.0	-13.3	-14	-20					
44TH	546.00									-44.4	-79.5	1.7	-1.0	-.2
		-15.9	-33.0	2027	1136	-7.9	-29.0	-4	-1					
45TH	562.00									-28.5	-46.5	.7	-.4	-.3
		-28.5	-46.5	3673	2059	-7.8	-22.6	8	2					
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1032.4	96.2	-5.0	-247.8	18.7
2ND	20.00	-62.4	16.4	2962	2264	-21.1	7.2	7	-13	-970.0	79.8	-3.3	-227.8	17.7
3RD	30.00	-32.9	5.0	1556	1262	-21.2	4.0	2	-7	-937.1	74.8	-2.5	-218.2	17.5
4TH	40.00	-33.2	4.4	1556	1262	-21.4	3.5	2	-6	-903.9	70.4	-1.8	-209.0	17.2
5TH	50.00	-33.5	3.7	1556	1262	-21.5	3.0	1	-6	-870.4	66.7	-1.1	-200.2	17.0
6TH	60.00	-33.8	3.1	1556	1262	-21.7	2.5	1	-6	-836.6	63.6	-.4	-191.6	16.8
7TH	70.00	-34.0	2.5	1556	1262	-21.9	2.0	1	-5	-802.6	61.1	.2	-183.4	16.6
8TH	80.00	-34.0	2.7	1556	1262	-21.8	2.1	1	-6	-768.6	58.4	.8	-175.6	16.4
9TH	90.00	-34.0	3.1	1556	1262	-21.8	2.4	1	-6	-734.6	55.3	1.4	-168.1	16.1
10TH	100.00	-34.0	3.4	1556	1262	-21.8	2.7	1	-7	-700.6	51.8	1.9	-160.9	15.9
11TH	110.00	-33.9	3.8	1556	1262	-21.8	3.0	2	-7	-666.7	48.0	2.4	-154.0	15.6
12TH	120.00	-33.9	4.2	1556	1262	-21.8	3.3	2	-8	-632.8	43.9	2.9	-147.5	15.3
13TH	130.00	-34.1	4.7	1556	1262	-21.9	3.7	2	-8	-598.7	39.1	3.3	-141.4	15.0
14TH	156.00	-33.1	5.6	5822	2758	-5.7	2.0	6	-16	-565.6	33.6	4.2	-126.3	14.4
15TH	169.00	-16.9	2.5	2911	1379	-5.8	1.8	7	-24	-548.7	31.1	4.6	-119.0	13.9
16TH	182.00	-17.1	2.3	2911	1379	-5.9	1.7	8	-29	-531.6	28.8	5.0	-112.0	13.4
17TH	195.00	-17.3	2.2	2911	1379	-5.9	1.6	8	-31	-514.3	26.6	5.4	-105.2	12.8
18TH	208.00	-17.6	2.2	2911	1379	-6.0	1.6	8	-31	-496.7	24.4	5.7	-98.6	12.2
19TH	221.00	-17.9	2.1	2911	1379	-6.1	1.5	8	-32	-478.9	22.3	6.0	-92.3	11.5
20TH	234.00	-18.1	2.1	2911	1379	-6.2	1.5	8	-32	-460.7	20.2	6.3	-86.2	10.9
21ST	247.00	-17.9	2.2	2911	1379	-6.2	1.6	8	-33	-442.8	18.0	6.5	-80.3	10.2
22ND	260.00	-17.4	2.5	2911	1379	-6.0	1.8	10	-32	-425.4	15.6	6.8	-74.7	9.6
23RD	273.00	-17.0	2.8	2911	1379	-5.8	2.0	11	-32	-408.4	12.8	6.9	-69.2	8.9
24TH	286.00	-16.5	3.1	2911	1379	-5.7	2.2	12	-32	-391.9	9.7	7.1	-64.0	8.3
25TH	299.00	-15.9	3.2	2911	1379	-5.5	2.3	13	-32	-376.0	6.5	7.2	-59.0	7.8
		-15.0	3.2	2911	1379	-5.1	2.4	13	-30					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00									-361.1	3.3	7.3	-54.2	7.2
27TH	325.00	-14.0	3.3	2911	1379	-4.8	2.4	13	-27	-347.0	.0	7.3	-49.6	6.8
28TH	338.00	-13.1	3.3	2911	1379	-4.5	2.4	13	-25	-333.9	-3.3	7.3	-45.2	6.4
29TH	351.00	-12.2	3.3	2911	1379	-4.2	2.4	12	-21	-321.7	-6.6	7.2	-41.0	6.1
30TH	364.00	-11.4	4.0	2911	1379	-3.9	2.9	22	-29	-310.4	-10.6	7.1	-36.8	5.7
31ST	377.00	-12.3	4.2	2911	1379	-4.2	3.1	20	-28	-298.1	-14.8	6.9	-32.9	5.3
32ND	390.00	-13.2	4.4	2911	1379	-4.5	3.2	18	-26	-284.8	-19.3	6.7	-29.1	4.8
33RD	403.00	-14.2	4.6	2911	1379	-4.9	3.4	17	-25	-270.7	-23.9	6.4	-25.5	4.4
34TH	416.00	-15.0	4.8	2911	1379	-5.2	3.5	16	-25	-255.7	-28.7	6.1	-22.1	4.0
35TH	429.00	-15.8	4.8	2911	1379	-5.4	3.5	17	-26	-239.8	-33.6	5.7	-18.9	3.5
36TH	442.00	-16.7	4.9	2911	1379	-5.7	3.6	17	-28	-223.2	-38.5	5.2	-15.8	2.9
37TH	455.00	-17.5	5.0	2911	1379	-6.0	3.6	17	-29	-205.7	-43.4	4.7	-13.1	2.3
38TH	468.00	-18.3	5.0	2911	1379	-6.3	3.7	17	-30	-187.4	-48.5	4.1	-10.5	1.7
39TH	481.00	-19.8	-1.3	2584	958	-7.7	-1.4	-2	-18	-167.6	-47.2	3.4	-8.2	1.3
40TH	494.00	-21.3	-1.2	2557	923	-8.3	-1.3	-2	-16	-146.3	-46.0	2.8	-6.2	.9
41ST	507.00	-22.5	-1.8	2557	923	-8.8	-1.9	-2	-15	-123.7	-44.2	2.3	-4.4	.5
42ND	520.00	-24.1	-2.5	2557	923	-9.4	-2.8	-3	-14	-99.6	-41.7	1.7	-2.9	.1
43RD	533.00	-25.8	-3.4	2557	923	-10.1	-3.7	-4	-14	-73.7	-38.3	1.2	-1.8	-.3
44TH	546.00	-27.5	-4.4	2557	923	-10.8	-4.7	-5	-14	-46.2	-34.0	.7	-1.0	-.7
45TH	562.00	-16.4	-14.5	2027	1136	-8.1	-12.8	12	7	-29.8	-19.4	.3	-.4	-.5
TOP	591.00	-29.8	-19.4	3673	2059	-8.1	-9.4	15	11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1793.5	160.5	-18.7	-500.5	47.7
2ND	20.00	-68.8	19.4	2962	2264	-23.2	8.6	6	-10	-1724.7	141.1	-15.7	-465.3	46.9
3RD	30.00	-35.7	6.4	1556	1262	-22.9	5.1	2	-6	-1689.0	134.7	-14.3	-448.2	46.6
4TH	40.00	-35.8	5.5	1556	1262	-23.0	4.3	2	-6	-1653.2	129.2	-13.0	-431.5	46.4
5TH	50.00	-35.9	4.5	1556	1262	-23.1	3.5	2	-6	-1617.3	124.8	-11.8	-415.2	46.1
6TH	60.00	-36.0	3.5	1556	1262	-23.2	2.8	1	-6	-1581.3	121.3	-10.5	-399.2	45.9
7TH	70.00	-36.2	2.7	1556	1262	-23.2	2.1	1	-6	-1545.2	118.6	-9.3	-383.5	45.7
8TH	80.00	-36.3	3.8	1556	1262	-23.3	3.0	2	-8	-1508.9	114.8	-8.2	-368.3	45.3
9TH	90.00	-36.4	5.1	1556	1262	-23.4	4.1	3	-10	-1472.5	109.7	-7.0	-353.3	44.9
10TH	100.00	-36.5	6.5	1556	1262	-23.5	5.2	4	-11	-1436.0	103.2	-6.0	-338.8	44.5
11TH	110.00	-36.6	7.9	1556	1262	-23.5	6.2	6	-13	-1399.4	95.3	-5.0	-324.6	43.9
12TH	120.00	-36.7	9.3	1556	1262	-23.6	7.3	8	-14	-1362.7	86.1	-4.1	-310.8	43.3
13TH	130.00	-36.7	10.4	1556	1262	-23.6	8.2	9	-16	-1325.9	75.7	-3.3	-297.4	42.6
14TH	156.00	-73.0	11.0	5822	2758	-12.5	4.0	11	-34	-1252.9	64.7	-1.4	-263.9	39.8
15TH	169.00	-38.0	5.0	2911	1379	-13.1	3.6	10	-37	-1214.9	59.7	-.6	-247.8	38.2
16TH	182.00	-39.0	4.6	2911	1379	-13.4	3.3	9	-39	-1175.9	55.1	.1	-232.3	36.5
17TH	195.00	-39.5	4.1	2911	1379	-13.6	3.0	9	-39	-1136.4	51.0	.8	-217.2	34.8
18TH	208.00	-39.7	3.7	2911	1379	-13.6	2.7	7	-38	-1096.7	47.3	1.4	-202.7	33.1
19TH	221.00	-39.9	3.2	2911	1379	-13.7	2.3	6	-38	-1056.8	44.1	2.0	-188.7	31.5
20TH	234.00	-40.1	2.8	2911	1379	-13.8	2.0	5	-37	-1016.8	41.3	2.6	-175.2	29.8
21ST	247.00	-40.3	2.7	2911	1379	-13.8	2.0	5	-37	-976.5	38.6	3.1	-162.3	28.2
22ND	260.00	-40.3	3.1	2911	1379	-13.8	2.2	6	-37	-936.2	35.5	3.6	-149.9	26.5
23RD	273.00	-40.3	3.4	2911	1379	-13.8	2.5	7	-38	-896.0	32.1	4.0	-137.9	24.8
24TH	286.00	-40.3	3.7	2911	1379	-13.8	2.7	7	-38	-855.7	28.4	4.4	-126.6	23.1
25TH	299.00	-40.0	3.8	2911	1379	-13.7	2.8	8	-39	-815.7	24.6	4.8	-115.7	21.3
		-38.6	3.8	2911	1379	-13.2	2.7	8	-38					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 1415 LOUISIANA TOWER, HOUSTON
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 53 FT IN THE X DIRECTION AND 111 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	312.00	-37.1	3.7	2911	1379	-12.8	2.7	8	-37	-777.1	20.8	5.1	-105.3	19.7
27TH	325.00	-35.7	3.6	2911	1379	-12.3	2.6	8	-36	-740.0	17.2	5.3	-95.5	18.2
28TH	338.00	-34.3	3.6	2911	1379	-11.8	2.6	8	-35	-704.3	13.6	5.5	-86.1	16.8
29TH	351.00	-34.4	6.9	2911	1379	-11.8	5.0	17	-41	-670.0	10.0	5.7	-77.2	15.4
30TH	364.00	-35.8	6.9	2911	1379	-12.3	5.0	16	-40	-635.7	3.1	5.8	-68.7	13.8
31ST	377.00	-37.3	6.9	2911	1379	-12.8	5.0	15	-38	-599.8	-3.8	5.8	-60.6	12.2
32ND	390.00	-38.8	6.9	2911	1379	-13.3	5.0	14	-37	-562.5	-10.7	5.7	-53.1	10.5
33RD	403.00	-39.7	6.8	2911	1379	-13.6	4.9	13	-36	-523.7	-17.6	5.5	-46.0	8.9
34TH	416.00	-40.0	6.4	2911	1379	-13.7	4.6	12	-35	-484.0	-24.4	5.2	-39.5	7.3
35TH	429.00	-40.3	6.0	2911	1379	-13.8	4.4	11	-34	-444.1	-30.8	4.8	-33.4	5.7
36TH	442.00	-40.6	5.7	2911	1379	-13.9	4.1	10	-34	-403.8	-36.8	4.4	-27.9	4.1
37TH	455.00	-40.8	5.3	2911	1379	-14.0	3.9	9	-33	-363.2	-42.5	3.9	-23.0	2.6
38TH	468.00	-33.3	-3.1	2584	958	-12.9	-3.2	-2	-12	-322.4	-47.8	3.3	-18.5	1.1
39TH	481.00	-34.2	-3.2	2557	923	-13.4	-3.5	-2	-10	-289.1	-44.7	2.7	-14.5	.6
40TH	494.00	-38.2	-4.2	2557	923	-14.9	-4.5	-3	-13	-254.9	-41.5	2.1	-11.0	.2
41ST	507.00	-40.9	-4.5	2557	923	-16.0	-4.9	-3	-12	-216.7	-37.4	1.6	-7.9	-.3
42ND	520.00	-43.1	-4.7	2557	923	-16.9	-5.1	-2	-11	-175.8	-32.9	1.2	-5.4	-.9
43RD	533.00	-45.4	-5.0	2557	923	-17.7	-5.5	-2	-9	-132.6	-28.1	.8	-3.4	-1.4
44TH	546.00	-32.3	-11.7	2027	1136	-15.9	-10.3	11	15	-87.3	-23.1	.4	-1.9	-1.9
45TH	562.00	-55.0	-11.4	3673	2059	-15.0	-5.5	9	20	-55.0	-11.4	.2	-.8	-1.3
TOP	591.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. 1415 LOUISIANA TOWER, HOUSTON
PROJECT 7720 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 42.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 13.00
NUMBER OF SIDES = 6 NO. OF FLOORS = 45

SIDE	ANGLE	Z-AXIS
1	0.0	3.320
2	90.0	1.590
3	180.0	3.320
4	270.0	1.590
5	120.0	3.620
6	240.0	-1.490

FLOOR #	LABEL	HEIGHT-FT
1	GRND	20.00
2	2ND	10.00
3	3RD	10.00
4	4TH	10.00
5	5TH	10.00
6	6TH	10.00
7	7TH	10.00
8	8TH	10.00
9	9TH	10.00
10	10TH	10.00
11	11TH	10.00
12	12TH	10.00
13	13TH	26.00
14	14TH	13.00
15	15TH	13.00
16	16TH	13.00
17	17TH	13.00
18	18TH	13.00
19	19TH	13.00
20	20TH	13.00
21	21ST	13.00
22	22ND	13.00
23	23RD	13.00
24	24TH	13.00
25	25TH	13.00
26	26TH	13.00
27	27TH	13.00
28	28TH	13.00
29	29TH	13.00
30	30TH	13.00
31	31ST	13.00
32	32ND	13.00
33	33RD	13.00
34	34TH	13.00
35	35TH	13.00
36	36TH	13.00
37	37TH	13.00
38	38TH	13.00
39	39TH	13.00
40	40TH	13.00
41	41ST	13.00
42	42ND	13.00
43	43RD	13.00
44	44TH	16.00
45	45TH	29.00

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 ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	-.247	.157	.392	-.846
0	102	-.175	.155	.460	-.716
0	103	-.092	.173	.510	-.703
0	104	.016	.208	.771	-.618
0	105	.058	.226	.805	-.897
0	106	-.211	.159	.306	-.748
0	107	.159	.229	.985	-.651
0	108	-.197	.135	.201	-.761
0	109	-.144	.141	.448	-.593
0	110	.007	.165	.804	-.536
0	111	.108	.199	.897	-.478
0	112	.137	.200	.991	-.621
0	113	.088	.193	.880	-.587
0	114	.109	.205	.925	-.428
0	115	.171	.235	1.074	-.527
0	116	.231	.265	1.169	-.733
0	117	-.204	.135	.304	-.656
0	118	.229	.265	1.480	-.737
0	119	-.067	.152	.457	-.597
0	120	.047	.171	.632	-.454
0	121	.049	.195	.719	-.510
0	122	.050	.214	.976	-.525
0	123	.015	.212	.945	-.548
0	124	-.227	.122	.161	-.621
0	125	-.141	.156	.423	-.623
0	126	-.029	.163	.576	-.545
0	127	-.086	.179	.578	-.891
0	128	-.026	.167	.604	-.785
0	129	.013	.167	.621	-.499
0	130	.089	.183	.776	-.507
0	131	.125	.196	.848	-.450
0	132	.170	.234	1.111	-.471
0	133	.174	.247	1.177	-.540
0	134	-.165	.136	.262	-.624
0	135	.128	.227	1.354	-.534
0	136	-.252	.140	.179	-.788
0	137	-.217	.132	.317	-.822
0	138	-.078	.172	.762	-.736
0	139	-.128	.157	.503	-.681
0	140	-.195	.137	.285	-.699
0	141	-.129	.145	.483	-.620
0	142	-.056	.150	.589	-.494
0	143	-.038	.170	.609	-.592
0	144	.047	.157	.808	-.499
0	145	.039	.159	.801	-.425
0	146	.096	.169	.866	-.401
0	147	.131	.186	1.027	-.369
0	148	.121	.199	.910	-.375
0	149	.083	.206	.934	-.461
0	150	-.199	.127	.242	-.669
0	151	.095	.192	.833	-.607
0	152	-.209	.135	.226	-.751
0	153	-.242	.121	.146	-.647
0	154	-.146	.119	.313	-.533
0	155	-.040	.125	.471	-.429
0	156	.021	.133	.538	-.403
0	157	.094	.159	.802	-.430
0	158	.116	.159	.753	-.406
0	159	.149	.171	.825	-.384
0	160	.179	.185	.858	-.326
0	161	.148	.175	.893	-.346
0	162	.128	.180	.892	-.432
0	163	-.262	.126	.208	-.692
0	164	.104	.180	.992	-.447
0	165	-.228	.132	.183	-.716
0	166	-.308	.133	.185	-.781
0	167	-.183	.124	.273	-.638
0	168	-.023	.132	.452	-.620
0	169	.052	.144	.564	-.443
0	170	.126	.153	.767	-.408
0	171	.135	.156	.785	-.404
0	172	.178	.169	.905	-.413
0	173	.192	.176	.864	-.331
0	174	.154	.174	.945	-.363
0	175	.067	.167	.837	-.417
0	176	-.113	.122	.334	-.485
0	201	-.287	.146	.132	-.959
0	202	-.295	.150	.168	-1.053
0	203	-.317	.186	.274	-1.081
0	204	-.313	.177	.309	-1.280
0	205	-.354	.140	.151	-.841
0	206	-.371	.191	.295	-1.316
0	207	-.355	.193	.257	-1.520
0	208	-.266	.151	.253	-1.183
0	209	-.260	.151	.272	-1.118
0	210	-.313	.209	.285	-1.594
0	211	-.347	.163	.210	-1.158
0	212	-.283	.135	.123	-.813
0	213	-.278	.136	.138	-.790
0	214	-.338	.187	.204	-1.294
0	215	-.333	.193	.257	-1.434
0	216	-.311	.161	.185	-.997
0	217	-.324	.161	.230	-1.014
0	218	-.320	.158	.221	-.970
0	219	-.297	.137	.210	-.814
0	220	-.258	.135	.192	-.727
0	221	-.354	.194	.213	-1.716
0	222	-.340	.160	.182	-1.262
0	223	-.262	.127	.197	-.840
0	224	-.254	.122	.199	-.747
0	225	-.315	.167	.241	-1.241
0	226	-.310	.154	.238	-1.027
0	227	-.308	.142	.084	-.929
0	228	-.323	.139	.089	-.930
0	229	-.326	.140	.101	-.993
0	230	-.090	.165	.528	-.629
0	231	-.106	.158	.512	-.676
0	232	-.128	.166	.669	-.801
0	233	-.154	.174	.555	-.984
0	234	-.259	.126	.155	-.866
0	235	-.257	.121	.135	-.770
0	236	-.284	.149	.188	-.891
0	237	-.133	.139	.364	-.598
0	238	-.357	.174	.180	-1.279
0	239	-.128	.168	.404	-.852
0	240	-.158	.179	.480	-.825
0	241	-.005	.161	.610	-.430
0	242	-.250	.115	.113	-.847
0	243	-.239	.130	.232	-.634
0	244	-.262	.132	.170	-.948
0	245	-.261	.126	.162	-.875
0	246	-.231	.138	.318	-.805
0	247	-.231	.138	.285	-.852
0	248	-.309	.200	.257	-1.116
0	249	-.226	.143	.307	-.754
0	250	-.267	.155	.251	-1.215
0	251	-.266	.151	.222	-.952
0	252	-.270	.157	.261	-1.015
0	253	-.256	.146	.239	-.779
0	254	-.248	.119	.249	-.711
0	255	-.259	.185	.301	-.940
0	256	-.274	.111	.074	-.709
0	257	-.249	.126	.165	-.796
0	258	-.240	.141	.219	-.751
0	259	-.266	.188	.294	-.963
0	260	-.270	.150	.180	-.950
0	261	-.268	.149	.195	-.967
0	262	-.279	.139	.177	-1.058
0	263	-.299	.141	.120	-.969
0	264	-.289	.140	.165	-.867
0	265	-.288	.140	.178	-.852
0	266	-.296	.131	.127	-.722
0	267	-.302	.129	.107	-.755
0	268	-.213	.115	.165	-.670
0	269	-.251	.191	.280	-.968
0	270	-.206	.121	.202	-.692
0	271	-.345	.144	.106	-1.017
0	272	-.163	.136	.321	-.621
0	273	-.457	.190	.181	-1.117
0	274	-.545	.192	.088	-1.316

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	275	-.238	.126	.224	-.660
0	276	-.236	.126	.227	-.679
0	277	-.237	.123	.222	-.690
0	278	-.197	.130	.299	-.607
0	279	-.193	.128	.308	-.603
0	280	-.186	.131	.272	-.604
0	281	-.144	.128	.322	-.574
0	282	-.195	.125	.165	-.670
0	283	-.205	.124	.170	-.663
0	284	-.210	.125	.153	-.674
0	285	-.219	.112	.169	-.631
0	286	-.204	.122	.173	-.543
0	287	-.212	.122	.218	-.540
0	288	-.215	.107	.116	-.483
0	289	-.212	.122	.202	-.554
0	290	-.222	.119	.211	-.650
0	291	-.209	.117	.192	-.617
0	292	-.185	.116	.213	-.586
0	293	-.218	.119	.197	-.677
0	294	-.212	.135	.273	-.608
0	295	-.220	.136	.276	-.606
0	296	-.196	.131	.318	-.587
0	297	-.228	.139	.323	-.661
0	298	-.161	.109	.228	-.579
0	299	-.140	.114	.282	-.580
0	300	-.119	.117	.272	-.534
0	301	-.125	.115	.276	-.536
0	302	-.103	.111	.257	-.472
0	303	-.089	.110	.284	-.453
0	304	-.088	.112	.277	-.460
0	401	-.329	.173	.236	-.953
0	402	-.311	.162	.279	-.958
0	403	-.288	.154	.234	-1.034
0	404	-.277	.149	.212	-.932
0	405	-.269	.149	.239	-.886
0	406	-.270	.147	.244	-.823
0	407	-.257	.134	.216	-.793
0	408	-.261	.134	.231	-.719
0	409	-.280	.155	.282	-.998
0	410	-.265	.145	.285	-.781
0	411	-.254	.142	.302	-.789
0	412	-.250	.144	.270	-.915
0	413	-.253	.128	.221	-.641
0	414	-.254	.125	.195	-.648
0	415	-.253	.126	.164	-.640
0	416	-.258	.126	.150	-.666
0	417	-.241	.119	.162	-.686
0	418	-.256	.124	.140	-.765
0	419	-.262	.141	.200	-.878
0	420	-.243	.122	.153	-.699
0	421	-.257	.107	.061	-.610
0	422	-.249	.130	.181	-.730
0	423	-.235	.125	.164	-.737
0	424	-.230	.124	.156	-.759
0	425	-.227	.134	.174	-.638
0	426	-.225	.132	.146	-.610
0	427	-.223	.134	.146	-.595
0	428	-.233	.137	.130	-.639
0	429	-.261	.135	.168	-.803
0	430	-.239	.135	.157	-.866
0	431	-.247	.132	.149	-.731
0	432	-.235	.133	.217	-.794
0	433	-.231	.117	.164	-.629
0	434	-.227	.111	.130	-.569
0	435	-.221	.112	.129	-.584
0	436	-.217	.112	.119	-.597
0	437	-.216	.114	.200	-.642
0	438	-.234	.120	.108	-.699
0	439	-.236	.122	.136	-.707
0	440	-.243	.123	.116	-.705
0	441	-.228	.127	.262	-.695
0	442	-.227	.114	.214	-.642
0	443	-.235	.124	.258	-.660
0	444	-.221	.122	.272	-.643
0	445	-.225	.125	.161	-.636
0	446	-.222	.121	.155	-.652
0	447	-.216	.122	.157	-.644
0	448	-.209	.122	.167	-.645
0	449	-.220	.120	.176	-.709
0	450	-.228	.119	.159	-.695
0	451	-.232	.122	.162	-.680
0	452	-.244	.134	.221	-.790
0	453	-.208	.103	.174	-.571
0	454	-.240	.111	.123	-.607
0	455	-.227	.110	.120	-.626
0	456	-.217	.109	.136	-.624
0	457	-.209	.129	.204	-.606
0	458	-.205	.126	.196	-.614
0	459	-.198	.127	.216	-.590
0	460	-.196	.128	.296	-.580
0	461	-.210	.120	.175	-.650
0	462	-.220	.119	.170	-.649
0	463	-.221	.120	.134	-.657
0	464	-.220	.120	.140	-.633
0	465	-.198	.127	.260	-.650
0	466	-.199	.115	.208	-.639
0	467	-.197	.115	.257	-.580
0	468	-.193	.113	.262	-.574
0	469	-.207	.116	.145	-.685
0	470	-.199	.112	.188	-.607
0	471	-.203	.115	.211	-.623
0	472	-.209	.116	.242	-.625
0	473	-.222	.119	.239	-.726
0	501	.005	.227	.847	-.819
0	502	-.120	.194	.512	-.894
0	503	-.145	.167	.386	-.732
0	504	-.491	.227	.178	-1.462
0	505	-.466	.205	.124	-1.357
0	506	-.416	.211	.233	-1.309
0	507	-.334	.180	.346	-1.049
0	508	-.329	.168	.177	-1.126
0	509	.231	.267	1.092	-.715
0	510	.015	.214	.937	-.766
0	511	-.496	.221	.115	-1.505
0	512	-.259	.147	.326	-.907
0	513	.193	.268	1.264	-.774
0	514	-.061	.264	.953	-1.193
0	515	-.203	.189	.564	-.951
0	516	-.499	.264	.125	-1.877
0	517	-.493	.252	.178	-1.647
0	518	-.377	.217	.267	-1.412
0	519	-.222	.147	.317	-.750
0	520	-.234	.135	.216	-.753
0	521	.016	.236	.802	-1.124
0	522	-.051	.195	.690	-.763
0	523	-.146	.168	.515	-.726
0	524	-.355	.180	.117	-1.268
0	525	-.361	.174	.118	-1.175
0	526	-.323	.173	.233	-1.234
0	527	-.303	.165	.186	-1.117
0	528	-.316	.167	.168	-1.072
0	529	.052	.276	1.023	-1.460
0	530	-.113	.175	.556	-.707
0	531	-.336	.176	.198	-1.345
0	532	-.313	.168	.207	-1.136
0	533	-.014	.270	1.128	-.975
0	534	-.163	.164	.522	-.746
0	535	-.381	.198	.133	-1.666
0	536	-.074	.213	.744	-.933
0	537	-.053	.188	.723	-.670
0	538	-.245	.161	.332	-.969
0	539	-.392	.193	.076	-1.524
0	540	-.380	.185	.081	-1.448
0	541	-.041	.244	.927	-1.157
0	542	-.175	.165	.609	-.854
0	543	-.589	.295	.138	-1.969
0	544	-.376	.179	.238	-1.389
0	545	-.324	.196	.318	-1.114
0	546	-.347	.187	.247	-1.266
0	547	-.330	.180	.318	-1.137

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	548	-.327	.166	.103	-1.095
0	549	-.283	.156	.209	-.907
0	550	-.268	.139	.181	-.867
0	551	-.170	.286	.882	-1.312
0	552	-.251	.162	.339	-.887
0	553	-.445	.193	.098	-1.387
0	554	-.232	.128	.304	-.715
0	555	-.209	.284	1.212	-1.303
0	556	-.255	.151	.289	-.887
0	557	-.414	.189	.040	-1.393
0	558	-.413	.194	.051	-1.423
0	559	-.364	.185	.171	-1.108
0	560	-.307	.159	.238	-1.054
0	561	-.259	.141	.184	-.820
0	562	-.237	.135	.175	-.848
0	563	-.238	.139	.188	-.897
0	564	-.212	.268	.761	-1.325
0	565	-.258	.154	.271	-.976
0	566	-.386	.182	.128	-1.265
0	567	-.256	.143	.166	-.959
0	568	-.201	.269	.912	-1.459
0	569	-.233	.161	.352	-.839
0	570	-.349	.184	.297	-1.138
0	571	-.353	.187	.276	-1.089
0	572	-.365	.195	.187	-1.681
0	573	-.326	.174	.162	-1.327
0	574	-.276	.159	.192	-1.048
0	575	-.258	.150	.189	-.802
0	576	-.275	.145	.187	-1.018
0	577	-.260	.269	.850	-1.460
0	578	-.254	.148	.315	-.888
0	579	-.415	.180	.105	-1.675
0	580	-.257	.158	.254	-1.162
0	581	-.355	.153	.206	-1.033
0	582	-.337	.139	.128	-.844
0	583	-.345	.159	.237	-.960
0	584	-.340	.164	.156	-.998
0	585	-.397	.176	.094	-1.500
0	586	-.387	.178	.232	-1.387
0	587	-.328	.159	.185	-.925
0	588	-.279	.140	.141	-.815
0	589	-.246	.132	.190	-.692
0	590	-.226	.127	.154	-.715
0	591	-.223	.126	.147	-.693
0	592	-.261	.127	.220	-.723
0	593	-.251	.127	.249	-.856
0	594	-.225	.128	.284	-.715
0	595	-.176	.134	.379	-.617
0	596	-.264	.123	.146	-.745
0	597	-.245	.116	.137	-.697
0	598	-.222	.116	.161	-.722
0	599	-.218	.117	.166	-.725
0	600	-.202	.115	.228	-.547
0	601	-.198	.111	.229	-.544
0	602	-.198	.110	.237	-.529
0	603	-.223	.118	.163	-.606
0	604	-.228	.129	.159	-.664
0	605	-.224	.128	.165	-.668
0	606	-.197	.130	.315	-.642
0	607	-.194	.125	.240	-.638
0	608	-.188	.116	.270	-.644
0	609	-.192	.114	.264	-.630
0	610	-.179	.112	.167	-.579
0	611	-.190	.114	.226	-.565
0	612	-.188	.116	.128	-.593
0	613	-.197	.115	.226	-.561
0	701		.163	.975	-.487
0	702		.157	.873	-.436
0	703	-.021	.161	.716	-.609
0	704	.048	.164	.626	-.558
0	705	-.155	.169	.443	-.860
0	706	-.122	.146	.458	-.693
0	707	-.314	.157	.200	-.927
0	708	-.156	.152	.436	-.680
0	709	.028	.198	.804	-.604
0	710	.132	.184	.812	-.399
0	711	-.112	.146	.468	-.805
0	712	-.055	.148	.475	-.511
0	713	.020	.198	.870	-.508
0	714	-.404	.165	.160	-1.133
0	715	-.425	.276	.519	-1.673
0	716	-.430	.200	.569	-1.551
0	717	-.411	.228	.196	-2.180
0	718	-.373	.211	.212	-1.465
0	719	-.386	.181	.218	-1.410
0	720	-.459	.218	.310	-1.350
0	721	-.353	.214	.309	-1.446
0	722	-.303	.167	.324	-1.087
0	723	-.329	.167	.256	-.976
0	724	-.202	.158	.372	-.806
0	725	-.315	.192	.315	-1.240
0	726	-.356	.198	.257	-1.233
0	727	-.292	.180	.267	-1.148
0	728	-.408	.209	.200	-1.266
0	801	-.108	.120	.345	-.529
0	802	-.132	.117	.283	-.601
10	101	-.233	.146	.483	-.737
10	102	-.193	.134	.434	-.668
10	103	-.183	.133	.647	-.689
10	104	-.157	.146	.528	-.808
10	105	-.152	.167	.752	-.969
10	106	-.215	.138	.257	-.751
10	107	-.075	.189	1.012	-1.036
10	108	-.209	.137	.262	-.671
10	109	-.142	.145	.396	-.769
10	110	-.071	.145	.418	-.621
10	111	-.065	.158	.561	-.519
10	112	-.029	.165	.635	-.604
10	113	-.065	.151	.495	-.517
10	114	-.041	.162	.720	-.659
10	115	-.010	.189	.969	-.639
10	116	.000	.228	1.041	-1.059
10	117	-.197	.144	.311	-.758
10	118	.082	.262	1.359	-1.008
10	119	-.143	.142	.334	-.780
10	120	-.096	.148	.466	-.662
10	121	-.077	.177	.572	-.673
10	122	-.082	.184	.631	-.687
10	123	-.109	.182	.552	-.891
10	124	-.186	.147	.267	-.832
10	125	-.134	.140	.425	-.649
10	126	-.082	.149	.529	-.612
10	127	-.143	.151	.501	-.780
10	128	-.096	.144	.477	-.566
10	129	-.069	.160	.660	-.572
10	130	-.025	.169	.709	-.531
10	131	.011	.181	.787	-.592
10	132	.047	.212	.884	-.788
10	133	.058	.228	.964	-.954
10	134	-.170	.129	.265	-.648
10	135	.132	.240	.996	-.620
10	136	-.286	.148	.246	-.964
10	137	-.244	.145	.232	-.801
10	138	-.127	.185	.628	-.894
10	139	-.186	.177	.377	-.946
10	140	-.212	.142	.322	-.706
10	141	-.153	.140	.336	-.625
10	142	-.097	.146	.462	-.559
10	143	-.058	.151	.493	-.608
10	144	.007	.153	.594	-.437
10	145	.019	.156	.675	-.495
10	146	.079	.168	.665	-.509
10	147	.144	.196	.887	-.572
10	148	.154	.218	.962	-.634
10	149	.115	.232	1.155	-.564
10	150	-.224	.128	.273	-.621
10	151	.137	.224	1.065	-.572
10	152	-.230	.136	.268	-.751
10	153	-.215	.126	.216	-.645
10	154	-.131	.127	.379	-.585

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	155	-.020	.138	.516	-.559
10	156	.044	.150	.570	-.535
10	157	.090	.150	.737	-.466
10	158	.102	.149	.724	-.393
10	159	.148	.163	.842	-.341
10	160	.189	.181	1.046	-.300
10	161	.220	.197	1.049	-.388
10	162	.196	.206	1.035	-.487
10	163	-.245	.130	.226	-.747
10	164	-.167	.206	.917	-.407
10	165	-.226	.125	.251	-.633
10	166	-.312	.136	.187	-.832
10	167	-.191	.123	.263	-.600
10	168	-.043	.127	.526	-.441
10	169	.035	.140	.627	-.533
10	170	.102	.146	.702	-.482
10	171	.112	.150	.737	-.482
10	172	.160	.164	.834	-.462
10	173	.215	.175	.938	-.312
10	174	.183	.174	.822	-.360
10	175	.098	.172	.873	-.539
10	176	-.135	.117	.256	-.574
10	201	-.241	.128	.135	-.727
10	202	-.253	.147	.160	-.957
10	203	-.224	.153	.272	-1.184
10	204	-.225	.153	.215	-1.234
10	205	-.249	.137	.104	-.895
10	206	-.272	.178	.198	-1.753
10	207	-.271	.165	.271	-1.102
10	208	-.244	.121	.131	-.726
10	209	-.231	.121	.174	-.713
10	210	-.193	.159	.295	-1.131
10	211	-.272	.158	.374	-.816
10	212	-.250	.119	.140	-.699
10	213	-.241	.119	.141	-.747
10	214	-.202	.155	.292	-.987
10	215	-.204	.148	.344	-1.012
10	216	-.247	.177	.349	-1.217
10	217	-.251	.157	.298	-.935
10	218	-.255	.153	.309	-.832
10	219	-.237	.129	.154	-.739
10	220	-.240	.125	.179	-.694
10	221	-.207	.167	.237	-1.974
10	222	-.273	.164	.232	-1.133
10	223	-.219	.125	.150	-.750
10	224	-.217	.122	.172	-.742
10	225	-.200	.151	.265	-.959
10	226	-.207	.146	.258	-.838
10	227	-.285	.161	.180	-.997
10	228	-.304	.167	.151	-1.173
10	229	-.313	.168	.127	-1.246
10	230	-.120	.141	.380	-.648
10	231	-.148	.135	.358	-.759
10	232	-.150	.139	.334	-.921
10	233	-.154	.140	.374	-.976
10	234	-.246	.145	.216	-.786
10	235	-.244	.141	.255	-.771
10	236	-.239	.165	.262	-1.354
10	237	-.176	.153	.417	-.821
10	238	-.291	.150	.234	-1.141
10	239	-.225	.159	.353	-.841
10	240	-.236	.158	.320	-.801
10	241	-.070	.151	.587	-.594
10	242	-.238	.171	.256	-.889
10	243	-.211	.117	.247	-.727
10	244	-.245	.182	.348	-1.045
10	245	-.242	.177	.341	-1.032
10	246	-.236	.141	.172	-1.042
10	247	-.244	.139	.189	-.882
10	248	-.272	.129	.106	-.806
10	249	-.240	.143	.195	-1.032
10	250	-.247	.167	.269	-1.283
10	251	-.248	.160	.275	-.870
10	252	-.250	.163	.300	-.882
10	253	-.237	.156	.268	-1.029
10	254	-.229	.132	.202	-.808
10	255	-.227	.108	.128	-.584
10	256	-.250	.122	.078	-.649
10	257	-.236	.135	.154	-.732
10	258	-.240	.119	.110	-.666
10	259	-.226	.109	.142	-.579
10	260	-.253	.126	.104	-.754
10	261	-.253	.125	.111	-.728
10	262	-.262	.139	.226	-.820
10	263	-.282	.141	.183	-.941
10	264	-.273	.142	.196	-.945
10	265	-.273	.142	.205	-1.134
10	266	-.253	.133	.189	-.730
10	267	-.256	.131	.200	-.679
10	268	-.190	.116	.212	-.604
10	269	-.214	.108	.177	-.575
10	270	-.211	.138	.257	-.676
10	271	-.347	.163	.197	-1.065
10	272	-.158	.154	.392	-.644
10	273	-.467	.208	.320	-1.380
10	274	-.512	.183	.097	-1.214
10	275	-.200	.123	.185	-.590
10	276	-.200	.124	.196	-.613
10	277	-.198	.129	.178	-.609
10	278	-.211	.121	.190	-.596
10	279	-.209	.121	.199	-.600
10	280	-.201	.124	.213	-.616
10	281	-.159	.121	.249	-.591
10	282	-.164	.118	.204	-.536
10	283	-.172	.117	.165	-.539
10	284	-.176	.119	.172	-.557
10	285	-.184	.114	.257	-.529
10	286	-.220	.121	.220	-.621
10	287	-.233	.122	.213	-.617
10	288	-.213	.105	.162	-.527
10	289	-.209	.122	.247	-.627
10	290	-.179	.126	.215	-.568
10	291	-.167	.122	.247	-.570
10	292	-.155	.124	.247	-.561
10	293	-.182	.126	.243	-.603
10	294	-.218	.127	.209	-.666
10	295	-.222	.124	.177	-.734
10	296	-.190	.123	.230	-.571
10	297	-.221	.130	.207	-.622
10	298	-.139	.118	.244	-.511
10	299	-.123	.122	.296	-.508
10	300	-.114	.123	.273	-.523
10	301	-.119	.122	.274	-.525
10	302	-.125	.119	.257	-.567
10	303	-.127	.116	.242	-.541
10	304	-.122	.117	.261	-.537
10	401	-.260	.136	.183	-.774
10	402	-.251	.130	.196	-.849
10	403	-.247	.129	.203	-.736
10	404	-.244	.126	.174	-.642
10	405	-.245	.122	.143	-.862
10	406	-.244	.122	.163	-1.206
10	407	-.233	.118	.127	-.665
10	408	-.240	.118	.150	-.697
10	409	-.247	.141	.169	-.772
10	410	-.232	.133	.174	-.726
10	411	-.219	.129	.179	-.680
10	412	-.219	.127	.158	-.612
10	413	-.221	.124	.186	-.643
10	414	-.220	.120	.190	-.642
10	415	-.219	.119	.199	-.621
10	416	-.221	.120	.188	-.607
10	417	-.228	.122	.257	-.610
10	418	-.235	.126	.251	-.648
10	419	-.235	.135	.348	-.746
10	420	-.232	.127	.287	-.672
10	421	-.215	.112	.158	-.599
10	422	-.205	.135	.246	-.800
10	423	-.201	.131	.248	-.713
10	424	-.196	.127	.222	-.742

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	425	-.206	.128	.196	-.628
10	426	-.205	.127	.204	-.629
10	427	-.209	.130	.209	-.679
10	428	-.216	.131	.198	-.754
10	429	-.254	.124	.130	-.709
10	430	-.232	.128	.177	-.767
10	431	-.247	.125	.136	-.672
10	432	-.229	.128	.201	-.715
10	433	-.204	.136	.218	-.682
10	434	-.194	.127	.236	-.661
10	435	-.189	.126	.252	-.649
10	436	-.189	.125	.261	-.649
10	437	-.198	.117	.167	-.608
10	438	-.208	.120	.185	-.565
10	439	-.215	.123	.199	-.586
10	440	-.224	.126	.185	-.626
10	441	-.214	.136	.185	-.699
10	442	-.218	.125	.235	-.625
10	443	-.214	.132	.197	-.794
10	444	-.200	.128	.212	-.763
10	445	-.194	.114	.189	-.615
10	446	-.189	.110	.168	-.560
10	447	-.183	.109	.164	-.520
10	448	-.182	.109	.175	-.516
10	449	-.195	.110	.147	-.569
10	450	-.208	.109	.110	-.581
10	451	-.221	.113	.108	-.637
10	452	-.211	.126	.146	-.658
10	453	-.211	.135	.238	-.681
10	454	-.207	.136	.286	-.682
10	455	-.193	.135	.289	-.695
10	456	-.183	.133	.293	-.645
10	457	-.185	.111	.152	-.571
10	458	-.185	.108	.161	-.515
10	459	-.183	.109	.154	-.526
10	460	-.190	.109	.151	-.538
10	461	-.204	.115	.253	-.603
10	462	-.210	.113	.248	-.603
10	463	-.195	.117	.260	-.629
10	464	-.206	.115	.209	-.607
10	465	-.178	.117	.203	-.609
10	466	-.191	.113	.223	-.584
10	467	-.190	.116	.264	-.585
10	468	-.186	.114	.252	-.552
10	469	-.202	.126	.318	-.622
10	470	-.199	.124	.292	-.632
10	471	-.206	.127	.246	-.599
10	472	-.212	.129	.272	-.626
10	473	-.201	.117	.206	-.656
10	501	-.164	.167	.792	-.721
10	502	-.199	.158	.800	-.805
10	503	-.174	.149	.487	-.811
10	504	-.306	.182	.232	-1.211
10	505	-.297	.171	.216	-1.199
10	506	-.275	.171	.339	-1.035
10	507	-.249	.157	.236	-.887
10	508	-.242	.132	.183	-.763
10	509	-.017	.198	.693	-.543
10	510	-.117	.174	.666	-.673
10	511	-.288	.152	.164	-1.086
10	512	-.247	.129	.205	-.714
10	513	-.062	.219	1.043	-.645
10	514	-.247	.210	.757	-1.095
10	515	-.263	.167	.457	-.891
10	516	-.323	.180	.254	-1.254
10	517	-.311	.170	.232	-1.243
10	518	-.276	.148	.189	-.980
10	519	-.245	.133	.238	-.822
10	520	-.232	.130	.292	-.735
10	521	-.108	.202	.788	-.706
10	522	-.122	.181	.649	-.763
10	523	-.181	.161	.468	-.775
10	524	-.332	.186	.164	-1.187
10	525	-.328	.177	.147	-1.143
10	526	-.276	.153	.166	-.850
10	527	-.272	.157	.278	-.958
10	528	-.269	.157	.279	-1.472
10	529	-.009	.261	.975	-.765
10	530	-.116	.189	.713	-.875
10	531	-.338	.217	.306	-1.731
10	532	-.274	.151	.216	-.953
10	533	-.140	.240	.972	-.804
10	534	-.186	.171	.740	-.858
10	535	-.341	.199	.197	-1.633
10	536	-.208	.182	.488	-.783
10	537	-.180	.174	.534	-.896
10	538	-.264	.158	.392	-.934
10	539	-.315	.195	.290	-1.517
10	540	-.293	.182	.306	-1.422
10	541	-.091	.232	.913	-1.140
10	542	-.179	.173	.548	-.751
10	543	-.401	.234	.187	-1.961
10	544	-.346	.180	.261	-1.392
10	545	-.284	.173	.238	-1.277
10	546	-.279	.162	.231	-1.092
10	547	-.271	.158	.264	-.970
10	548	-.264	.145	.256	-.859
10	549	-.243	.142	.342	-.761
10	550	-.247	.134	.232	-.763
10	551	-.107	.298	1.030	-1.193
10	552	-.207	.181	.550	-.849
10	553	-.356	.190	.165	-1.430
10	554	-.253	.160	.238	-1.140
10	555	-.142	.320	.995	-1.334
10	556	-.207	.161	.410	-.812
10	557	-.338	.174	.206	-1.188
10	558	-.346	.182	.176	-1.267
10	559	-.321	.174	.251	-1.141
10	560	-.295	.167	.182	-1.384
10	561	-.259	.144	.182	-1.005
10	562	-.254	.145	.196	-1.023
10	563	-.254	.152	.185	-1.212
10	564	-.163	.318	.883	-1.329
10	565	-.226	.164	.399	-.880
10	566	-.361	.192	.196	-1.350
10	567	-.271	.160	.229	-1.315
10	568	-.126	.302	.981	-1.212
10	569	-.206	.154	.400	-.800
10	570	-.337	.181	.179	-1.244
10	571	-.343	.185	.231	-1.295
10	572	-.333	.195	.158	-1.420
10	573	-.299	.172	.202	-1.111
10	574	-.262	.156	.222	-1.033
10	575	-.251	.149	.383	-.891
10	576	-.262	.153	.230	-1.043
10	577	-.187	.297	.855	-1.609
10	578	-.210	.162	.415	-.898
10	579	-.375	.193	.101	-1.542
10	580	-.264	.153	.176	-.866
10	581	-.359	.154	.110	-1.233
10	582	-.330	.148	.272	-.929
10	583	-.342	.162	.306	-1.039
10	584	-.287	.174	.354	-1.019
10	585	-.357	.198	.200	-1.474
10	586	-.342	.190	.214	-1.422
10	587	-.281	.162	.264	-.979
10	588	-.257	.144	.175	-.919
10	589	-.224	.133	.180	-.853
10	590	-.196	.128	.198	-.787
10	591	-.193	.127	.215	-.800
10	592	-.245	.140	.316	-.664
10	593	-.236	.141	.300	-.686
10	594	-.213	.143	.333	-.697
10	595	-.167	.145	.382	-.703
10	596	-.250	.131	.236	-.726
10	597	-.235	.125	.230	-.829
10	598	-.213	.124	.237	-.752
10	599	-.213	.125	.271	-.828
10	600	-.205	.127	.217	-.630
10	601	-.201	.124	.190	-.607

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	602	-.195	.122	.205	-.605
10	603	-.228	.128	.190	-.737
10	604	-.204	.129	.210	-.636
10	605	-.204	.128	.203	-.615
10	606	-.163	.129	.357	-.566
10	607	-.170	.126	.305	-.541
10	608	-.173	.111	.193	-.588
10	609	-.173	.109	.186	-.558
10	610	-.165	.108	.190	-.538
10	611	-.176	.117	.366	-.499
10	612	-.165	.113	.227	-.618
10	613	-.184	.119	.371	-.520
10	701	.163	.174	1.038	-.341
10	702	.133	.151	.724	-.319
10	703	-.031	.143	.440	-.464
10	704	-.102	.147	.417	-.626
10	705	-.214	.167	.396	-.917
10	706	-.164	.153	.388	-.698
10	707	-.332	.167	.288	-1.031
10	708	-.205	.164	.386	-.848
10	709	-.124	.180	.688	-.860
10	710	-.062	.170	.795	-.780
10	711	-.190	.163	.349	-.842
10	712	-.096	.160	.761	-.583
10	713	-.110	.172	.582	-.705
10	714	-.308	.155	.139	-.834
10	715	-.352	.219	.535	-1.432
10	716	-.305	.149	.212	-1.107
10	717	-.303	.168	.220	-1.161
10	718	-.291	.167	.266	-1.054
10	719	-.299	.174	.363	-.951
10	720	-.309	.163	.264	-.866
10	721	-.267	.148	.176	-.873
10	722	-.259	.147	.254	-.985
10	723	-.258	.157	.581	-.921
10	724	-.215	.145	.466	-.848
10	725	-.251	.150	.280	-.839
10	726	-.261	.157	.233	-.954
10	727	-.239	.148	.197	-.901
10	728	-.300	.151	.138	-1.018
10	801	-.135	.130	.277	-.623
10	802	-.160	.118	.252	-.582
20	101	-.064	.139	.513	-.546
20	102	-.048	.135	.610	-.523
20	103	-.069	.133	.627	-.554
20	104	-.100	.128	.428	-.537
20	105	-.139	.132	.415	-.549
20	106	-.087	.136	.419	-.499
20	107	-.129	.130	.443	-.554
20	108	-.086	.132	.398	-.525
20	109	-.052	.128	.391	-.445
20	110	-.043	.122	.353	-.495
20	111	-.073	.136	.382	-.495
20	112	-.074	.126	.471	-.528
20	113	-.086	.114	.364	-.430
20	114	-.105	.114	.401	-.481
20	115	-.121	.120	.410	-.491
20	116	-.173	.154	.539	-.687
20	117	-.075	.139	.454	-.542
20	118	-.175	.166	.662	-.786
20	119	-.102	.140	.346	-.711
20	120	-.127	.151	.365	-.833
20	121	-.135	.136	.388	-.629
20	122	-.176	.131	.368	-.624
20	123	-.198	.128	.349	-.628
20	124	-.105	.133	.381	-.512
20	125	-.056	.121	.405	-.489
20	126	-.044	.122	.556	-.526
20	127	-.070	.123	.400	-.550
20	128	-.109	.119	.319	-.529
20	129	-.107	.124	.351	-.538
20	130	-.112	.124	.394	-.559
20	131	-.110	.130	.455	-.509
20	132	-.126	.156	.598	-.619
20	133	-.118	.166	.663	-.623
20	134	-.093	.119	.350	-.511
20	135	-.043	.203	.853	-.532
20	136	-.175	.153	.295	-.846
20	137	-.173	.148	.224	-1.081
20	138	-.096	.153	.413	-.772
20	139	-.123	.149	.414	-.758
20	140	-.134	.143	.318	-.783
20	141	-.106	.131	.455	-.560
20	142	-.084	.124	.371	-.511
20	143	-.030	.158	.525	-.572
20	144	-.037	.132	.401	-.484
20	145	-.024	.130	.500	-.433
20	146	-.006	.144	.523	-.431
20	147	.030	.174	.675	-.479
20	148	.047	.204	.956	-.611
20	149	.033	.221	.887	-.664
20	150	-.169	.125	.241	-.612
20	151	.086	.215	.887	-.571
20	152	-.140	.140	.278	-.729
20	153	-.179	.127	.221	-.647
20	154	-.120	.122	.344	-.565
20	155	-.045	.125	.456	-.408
20	156	-.007	.132	.516	-.383
20	157	.057	.134	.598	-.414
20	158	.060	.135	.550	-.414
20	159	.101	.147	.556	-.412
20	160	.162	.165	.715	-.369
20	161	.170	.182	.821	-.414
20	162	.153	.193	1.016	-.493
20	163	.183	.125	.246	-.633
20	164	.146	.198	1.009	-.524
20	165	.167	.119	.326	-.548
20	166	.199	.123	.254	-.649
20	167	.116	.115	.312	-.509
20	168	.019	.119	.407	-.413
20	169	.012	.119	.425	-.380
20	170	.052	.122	.490	-.324
20	171	.087	.125	.523	-.328
20	172	.114	.136	.615	-.303
20	173	.173	.162	.821	-.408
20	174	.159	.162	.807	-.379
20	175	.086	.163	.702	-.395
20	176	.127	.109	.331	-.505
20	201	.226	.116	.183	-.583
20	202	.215	.124	.161	-.707
20	203	.158	.124	.268	-.618
20	204	.148	.124	.281	-.588
20	205	.152	.107	.201	-.497
20	206	.150	.144	.478	-.735
20	207	.176	.154	.410	-.949
20	208	.212	.110	.138	-.581
20	209	.199	.111	.164	-.568
20	210	.100	.115	.354	-.532
20	211	.150	.167	.383	-.731
20	212	.196	.129	.165	-.761
20	213	.183	.129	.198	-.675
20	214	.085	.131	.308	-.731
20	215	.129	.115	.270	-.607
20	216	.113	.127	.327	-.826
20	217	.161	.140	.471	-.816
20	218	.182	.147	.491	-.771
20	219	.219	.118	.191	-.567
20	220	.225	.114	.200	-.655
20	221	.117	.127	.277	-.746
20	222	.175	.159	.350	-.825
20	223	.225	.123	.172	-.675
20	224	.228	.120	.163	-.630
20	225	.117	.129	.316	-.807
20	226	.124	.128	.292	-.630
20	227	.152	.138	.292	-.700
20	228	.194	.169	.344	-1.020
20	229	.207	.169	.408	-1.293
20	230	.024	.151	.616	-.572
20	231	.127	.138	.307	-.824
20	232	.142	.146	.306	-.785

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	233	-.136	.138	.291	-.677
20	234	-.226	.139	.192	-.712
20	235	-.226	.134	.191	-.642
20	236	-.141	.138	.324	-.944
20	237	-.113	.148	.394	-.669
20	238	-.155	.174	.440	-.933
20	239	-.159	.160	.287	-.808
20	240	-.170	.164	.309	-.808
20	241	-.087	.136	.386	-.514
20	242	-.225	.135	.212	-.653
20	243	-.175	.143	.327	-.657
20	244	-.171	.141	.290	-.768
20	245	-.162	.141	.328	-.747
20	246	-.176	.152	.389	-.877
20	247	-.202	.165	.400	-.895
20	248	-.197	.154	.389	-.814
20	249	-.205	.182	.517	-.952
20	250	-.225	.183	.293	-1.225
20	251	-.229	.178	.372	-1.196
20	252	-.245	.176	.264	-1.236
20	253	-.202	.156	.319	-1.028
20	254	-.270	.142	.161	-.851
20	255	-.219	.134	.288	-.657
20	256	-.211	.112	.093	-.569
20	257	-.282	.166	.217	-.973
20	258	-.251	.133	.149	-.671
20	259	-.227	.142	.251	-.748
20	260	-.235	.134	.197	-.772
20	261	-.223	.137	.200	-.739
20	262	-.215	.150	.261	-.794
20	263	-.248	.158	.211	-.901
20	264	-.242	.157	.262	-.906
20	265	-.255	.160	.238	-.902
20	266	-.269	.162	.237	-.930
20	267	-.273	.152	.217	-.822
20	268	-.229	.139	.189	-.684
20	269	-.225	.140	.296	-.690
20	270	-.205	.127	.199	-.620
20	271	-.280	.149	.217	-.815
20	272	-.150	.140	.334	-.652
20	273	-.343	.188	.321	-1.050
20	274	-.371	.201	.231	-1.219
20	275	-.212	.131	.190	-.613
20	276	-.209	.136	.217	-.647
20	277	-.199	.130	.188	-.616
20	278	-.190	.130	.242	-.642
20	279	-.194	.129	.250	-.611
20	280	-.177	.131	.283	-.628
20	281	-.136	.129	.282	-.522
20	282	-.176	.201	.499	-.845

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	283	-.191	.199	.475	-.884
20	284	-.174	.201	.484	-.868
20	285	-.199	.125	.260	-.626
20	286	-.222	.133	.174	-.688
20	287	-.259	.138	.123	-.824
20	288	-.182	.108	.128	-.556
20	289	-.158	.123	.246	-.601
20	290	-.116	.126	.271	-.570
20	291	-.141	.126	.258	-.596
20	292	-.125	.127	.260	-.591
20	293	-.194	.133	.182	-.651
20	294	-.244	.131	.177	-.667
20	295	-.250	.127	.184	-.654
20	296	-.218	.129	.216	-.651
20	297	-.267	.142	.180	-.760
20	298	-.119	.141	.416	-.601
20	299	-.101	.143	.416	-.639
20	300	-.076	.143	.425	-.613
20	301	-.100	.143	.452	-.631
20	302	-.131	.113	.265	-.484
20	303	-.147	.111	.225	-.499
20	304	-.126	.112	.264	-.482
20	401	-.201	.111	.191	-.620
20	402	-.190	.108	.198	-.588
20	403	-.193	.109	.186	-.541
20	404	-.193	.108	.213	-.531
20	405	-.199	.127	.268	-.590
20	406	-.196	.125	.277	-.570
20	407	-.193	.120	.202	-.571
20	408	-.195	.123	.222	-.555
20	409	-.196	.125	.284	-.653
20	410	-.188	.120	.264	-.613
20	411	-.181	.120	.281	-.591
20	412	-.184	.120	.266	-.593
20	413	-.217	.117	.145	-.639
20	414	-.217	.114	.144	-.623
20	415	-.209	.116	.155	-.623
20	416	-.211	.116	.160	-.635
20	417	-.192	.118	.191	-.564
20	418	-.195	.118	.197	-.585
20	419	-.197	.119	.234	-.619
20	420	-.193	.119	.222	-.589
20	421	-.236	.094	.110	-.573
20	422	-.228	.114	.189	-.666
20	423	-.216	.112	.217	-.603
20	424	-.215	.110	.205	-.560
20	425	-.199	.111	.232	-.577
20	426	-.197	.110	.239	-.576
20	427	-.197	.113	.238	-.581
20	428	-.201	.114	.247	-.599

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	429	-.206	.111	.244	-.559
20	430	-.210	.119	.225	-.701
20	431	-.204	.111	.224	-.549
20	432	-.217	.129	.272	-.801
20	433	-.204	.125	.169	-.622
20	434	-.196	.118	.144	-.607
20	435	-.187	.118	.170	-.589
20	436	-.187	.117	.151	-.577
20	437	-.223	.114	.149	-.552
20	438	-.202	.114	.289	-.617
20	439	-.199	.116	.296	-.632
20	440	-.206	.118	.289	-.634
20	441	-.217	.129	.162	-.658
20	442	-.211	.115	.172	-.751
20	443	-.220	.129	.148	-.675
20	444	-.206	.124	.162	-.672
20	445	-.206	.125	.185	-.686
20	446	-.200	.119	.183	-.645
20	447	-.188	.118	.198	-.589
20	448	-.188	.117	.198	-.528
20	449	-.220	.114	.181	-.590
20	450	-.234	.116	.136	-.638
20	451	-.234	.119	.146	-.653
20	452	-.239	.132	.187	-.750
20	453	-.227	.114	.274	-.615
20	454	-.227	.127	.213	-.747
20	455	-.207	.127	.216	-.686
20	456	-.198	.122	.195	-.705
20	457	-.207	.125	.246	-.677
20	458	-.207	.119	.217	-.641
20	459	-.204	.116	.160	-.628
20	460	-.214	.118	.167	-.709
20	461	-.222	.113	.118	-.608
20	462	-.230	.110	.089	-.625
20	463	-.213	.118	.191	-.571
20	464	-.222	.114	.110	-.729
20	465	-.201	.140	.249	-.728
20	466	-.206	.125	.255	-.628
20	467	-.196	.126	.246	-.717
20	468	-.190	.122	.223	-.562
20	469	-.171	.103	.172	-.539
20	470	-.166	.106	.182	-.539
20	471	-.178	.113	.175	-.663
20	472	-.183	.112	.175	-.599
20	473	-.191	.115	.199	-.559
20	501	-.249	.139	.181	-.765
20	502	-.213	.126	.189	-.701
20	503	-.180	.118	.201	-.592
20	504	-.217	.120	.248	-.611
20	505	-.220	.119	.251	-.625

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	506	-.217	.121	.266	-.620
20	507	-.206	.121	.316	-.615
20	508	-.200	.121	.200	-.607
20	509	-.230	.155	.375	-.939
20	510	-.175	.129	.274	-.578
20	511	-.207	.119	.240	-.567
20	512	-.231	.119	.196	-.628
20	513	-.248	.162	.488	-.925
20	514	-.271	.141	.246	-.979
20	515	-.246	.129	.144	-.666
20	516	-.237	.120	.200	-.686
20	517	-.238	.117	.193	-.667
20	518	-.236	.115	.177	-.658
20	519	-.229	.115	.186	-.624
20	520	-.211	.113	.151	-.555
20	521	-.251	.134	.162	-1.034
20	522	-.216	.124	.154	-.637
20	523	-.211	.117	.165	-.615
20	524	-.211	.130	.194	-.919
20	525	-.208	.127	.191	-1.014
20	526	-.238	.142	.178	-.724
20	527	-.201	.124	.188	-.719
20	528	-.232	.125	.190	-.703
20	529	-.233	.167	.643	-1.078
20	530	-.223	.153	.424	-.739
20	531	-.214	.124	.175	-.799
20	532	-.221	.138	.252	-.718
20	533	-.253	.147	.606	-.974
20	534	-.231	.139	.341	-.693
20	535	-.225	.130	.178	-.848
20	536	-.241	.133	.304	-.804
20	537	-.226	.129	.263	-.845
20	538	-.216	.127	.300	-.648
20	539	-.242	.136	.279	-.823
20	540	-.241	.133	.260	-.821
20	541	-.215	.160	.375	-1.041
20	542	-.223	.144	.265	-1.332
20	543	-.318	.186	.196	-1.398
20	544	-.269	.146	.251	-.890
20	545	-.255	.141	.219	-.753
20	546	-.253	.135	.214	-.827
20	547	-.235	.133	.249	-.715
20	548	-.215	.120	.186	-.705
20	549	-.239	.129	.307	-.739
20	550	-.209	.118	.195	-.660
20	551	-.199	.214	.736	-1.139
20	552	-.233	.152	.332	-.735
20	553	-.306	.156	.202	-1.095
20	554	-.225	.134	.180	-.810
20	555	-.184	.262	.837	-1.090

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	556	-.272	.171	.379	-.936
20	557	-.373	.180	.196	-1.301
20	558	-.368	.184	.206	-1.281
20	559	-.350	.174	.330	-1.294
20	560	-.284	.162	.289	-.904
20	561	-.254	.147	.206	-.750
20	562	-.243	.148	.221	-.902
20	563	-.245	.155	.228	-.992
20	564	-.156	.278	1.053	-1.025
20	565	-.230	.170	.473	-.821
20	566	-.348	.187	.249	-1.164
20	567	-.252	.159	.229	-.958
20	568	-.078	.291	.865	-1.046
20	569	-.216	.167	.371	-.918
20	570	-.378	.195	.153	-1.630
20	571	-.383	.199	.126	-1.708
20	572	-.364	.195	.198	-1.119
20	573	-.318	.174	.251	-1.055
20	574	-.272	.162	.222	-.896
20	575	-.252	.158	.240	-1.001
20	576	-.255	.154	.228	-.951
20	577	-.130	.278	1.107	-1.151
20	578	-.216	.168	.460	-.859
20	579	-.422	.220	.158	-1.634
20	580	-.257	.148	.315	-.765
20	581	-.343	.150	.187	-.885
20	582	-.318	.149	.178	-1.037
20	583	-.332	.166	.330	-.991
20	584	-.315	.171	.203	-.975
20	585	-.420	.201	.129	-1.502
20	586	-.388	.192	.148	-1.488
20	587	-.306	.159	.184	-1.144
20	588	-.268	.138	.176	-.805
20	589	-.238	.132	.153	-.749
20	590	-.211	.127	.182	-.775
20	591	-.212	.127	.187	-.816
20	592	-.255	.130	.222	-.718
20	593	-.257	.131	.198	-.728
20	594	-.239	.134	.240	-.737
20	595	-.184	.139	.311	-.646
20	596	-.235	.130	.146	-.745
20	597	-.226	.123	.198	-.695
20	598	-.203	.123	.240	-.660
20	599	-.202	.124	.262	-.656
20	600	-.200	.122	.173	-.645
20	601	-.200	.121	.172	-.641
20	602	-.197	.122	.157	-.586
20	603	-.245	.121	.122	-.643
20	604	-.204	.121	.183	-.580
20	605	-.200	.119	.151	-.600

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	606	-.154	.118	.303	-.524
20	607	-.169	.117	.235	-.525
20	608	-.163	.128	.278	-.654
20	609	-.166	.126	.270	-.611
20	610	-.156	.125	.284	-.593
20	611	-.188	.118	.206	-.571
20	612	-.170	.112	.228	-.511
20	613	-.180	.122	.200	-.623
20	701	.116	.214	1.179	-.538
20	702	.079	.197	.800	-.613
20	703	-.043	.186	.853	-.654
20	704	-.163	.196	.448	-1.032
20	705	-.129	.156	.359	-.708
20	706	-.122	.146	.434	-.697
20	707	-.281	.175	.262	-.989
20	708	-.167	.134	.303	-.681
20	709	-.181	.135	.383	-.651
20	710	-.134	.148	.434	-.773
20	711	-.110	.154	.465	-.733
20	712	-.067	.142	.439	-.559
20	713	-.202	.136	.259	-.627
20	714	-.241	.138	.200	-.855
20	715	-.264	.166	.310	-1.305
20	716	-.277	.157	.195	-.966
20	717	-.326	.181	.319	-1.426
20	718	-.265	.166	.286	-1.081
20	719	-.237	.127	.250	-.781
20	720	-.251	.131	.216	-.702
20	721	-.229	.149	.230	-.702
20	722	-.219	.193	.358	-1.154
20	723	-.195	.172	.367	-.957
20	724	-.191	.171	.428	-.842
20	725	-.235	.120	.163	-.703
20	726	-.203	.123	.233	-.686
20	727	-.188	.130	.290	-.682
20	728	-.249	.147	.258	-.955
20	801	-.154	.114	.241	-.526
20	802	-.164	.123	.285	-.658
30	101	.111	.212	.936	-.504
30	102	.136	.197	1.153	-.435
30	103	.091	.182	1.008	-.398
30	104	.051	.189	.865	-.478
30	105	-.006	.178	.755	-.608
30	106	.128	.196	.895	-.407
30	107	-.030	.170	.879	-.639
30	108	.137	.187	.962	-.379
30	109	.145	.172	.905	-.335
30	110	.136	.152	1.023	-.287
30	111	.100	.147	.774	-.308
30	112	.060	.155	.898	-.451

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	113	.041	.150	.806	-.398
30	114	.009	.154	.809	-.429
30	115	-.036	.161	.886	-.509
30	116	-.108	.182	.734	-.698
30	117	.118	.171	1.038	-.416
30	118	-.188	.143	.344	-.675
30	119	.088	.135	.783	-.436
30	120	.062	.148	.647	-.710
30	121	.026	.143	.619	-.494
30	122	-.061	.149	.507	-.513
30	123	-.132	.143	.427	-.575
30	124	.080	.157	.787	-.396
30	125	.113	.158	.775	-.348
30	126	.095	.135	.663	-.370
30	127	.105	.137	.707	-.357
30	128	-.051	.149	.461	-.763
30	129	-.032	.136	.471	-.606
30	130	-.033	.127	.384	-.515
30	131	-.045	.129	.492	-.509
30	132	-.065	.145	.529	-.593
30	133	-.092	.156	.473	-.669
30	134	.040	.149	.643	-.463
30	135	-.138	.154	.587	-.702
30	136	-.031	.145	.479	-.430
30	137	-.015	.156	.643	-.513
30	138	.124	.152	.728	-.455
30	139	.108	.149	.665	-.430
30	140	-.060	.167	.427	-.891
30	141	-.068	.158	.463	-.852
30	142	-.079	.140	.364	-.729
30	143	-.072	.166	.417	-.744
30	144	-.059	.136	.353	-.651
30	145	-.077	.129	.353	-.621
30	146	-.063	.117	.402	-.619
30	147	-.059	.126	.540	-.561
30	148	-.086	.143	.836	-.655
30	149	-.118	.159	.941	-.554
30	150	-.073	.130	.391	-.509
30	151	-.102	.161	.565	-.627
30	152	-.036	.130	.419	-.519
30	153	-.087	.119	.311	-.556
30	154	-.076	.112	.332	-.510
30	155	-.048	.108	.396	-.442
30	156	-.038	.109	.415	-.398
30	157	-.024	.116	.405	-.394
30	158	-.033	.114	.396	-.409
30	159	-.017	.120	.476	-.398
30	160	-.007	.133	.599	-.384
30	161	-.014	.163	.782	-.475
30	162	-.044	.177	.793	-.555

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	163	-.095	.120	.447	-.450
30	164	-.030	.185	.775	-.664
30	165	-.123	.123	.319	-.495
30	166	-.103	.124	.307	-.502
30	167	-.070	.123	.332	-.414
30	168	-.042	.126	.356	-.418
30	169	-.015	.125	.519	-.535
30	170	-.013	.125	.542	-.509
30	171	.001	.127	.567	-.498
30	172	.018	.132	.624	-.465
30	173	.022	.135	.564	-.429
30	174	.005	.139	.594	-.430
30	175	-.047	.143	.596	-.513
30	176	-.103	.122	.282	-.478
30	201	-.216	.127	.177	-.782
30	202	-.227	.129	.198	-.813
30	203	-.155	.131	.313	-.643
30	204	-.115	.136	.380	-.581
30	205	-.124	.112	.316	-.512
30	206	-.114	.210	.803	-1.132
30	207	-.160	.244	.654	-1.357
30	208	-.219	.130	.251	-.766
30	209	-.209	.130	.235	-.710
30	210	-.036	.138	.586	-.543
30	211	-.115	.264	.853	-1.307
30	212	-.225	.114	.143	-.654
30	213	-.219	.114	.152	-.661
30	214	-.033	.122	.427	-.539
30	215	-.021	.142	.436	-.516
30	216	-.002	.151	.542	-.480
30	217	-.033	.233	.645	-1.111
30	218	-.080	.257	.734	-1.188
30	219	-.239	.128	.225	-.746
30	220	-.222	.127	.253	-.682
30	221	-.049	.139	.447	-.572
30	222	-.097	.246	.806	-1.555
30	223	-.231	.123	.198	-.742
30	224	-.221	.119	.182	-.749
30	225	-.021	.123	.416	-.622
30	226	-.032	.125	.392	-.577
30	227	-.038	.140	.535	-.516
30	228	-.051	.180	.530	-.999
30	229	-.080	.199	.551	-.973
30	230	.122	.165	.710	-.646
30	231	.080	.176	.899	-.709
30	232	.058	.174	.902	-.631
30	233	.042	.167	.657	-.699
30	234	-.245	.117	.159	-.608
30	235	-.237	.113	.147	-.641
30	236	-.060	.114	.427	-.500

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	237	-.002	.120	.488	-.368
30	238	-.089	.163	.566	-.607
30	239	.105	.159	.863	-.373
30	240	.095	.156	.826	-.413
30	241	-.088	.132	.397	-.640
30	242	-.240	.130	.148	-.721
30	243	-.219	.135	.172	-.634
30	244	-.134	.125	.256	-.624
30	245	-.107	.126	.342	-.600
30	246	-.074	.141	.444	-.515
30	247	-.038	.154	.520	-.594
30	248	-.087	.142	.453	-.521
30	249	-.096	.156	.592	-.554
30	250	-.109	.166	.500	-.709
30	251	-.107	.169	.517	-.763
30	252	-.114	.188	.563	-.861
30	253	-.095	.143	.403	-.703
30	254	-.276	.122	.108	-.783
30	255	-.249	.118	.141	-.674
30	256	-.161	.092	.136	-.441
30	257	-.082	.168	.542	-.832
30	258	-.280	.146	.188	-.903
30	259	-.264	.133	.171	-.902
30	260	-.211	.127	.289	-.609
30	261	-.172	.126	.326	-.598
30	262	-.112	.135	.310	-.740
30	263	-.106	.140	.317	-.636
30	264	-.081	.141	.347	-.634
30	265	-.086	.147	.352	-.768
30	266	-.117	.145	.370	-.676
30	267	-.124	.146	.362	-.619
30	268	-.280	.147	.146	-.830
30	269	-.280	.142	.191	-1.127
30	270	-.218	.145	.270	-.634
30	271	-.143	.148	.373	-.637
30	272	-.115	.139	.385	-.545
30	273	-.121	.151	.369	-.664
30	274	-.123	.142	.274	-.830
30	275	-.232	.124	.154	-.757
30	276	-.241	.130	.179	-.666
30	277	-.196	.113	.169	-.549
30	278	-.156	.108	.277	-.486
30	279	-.129	.104	.253	-.502
30	280	-.128	.105	.235	-.463
30	281	-.082	.101	.267	-.413
30	282	-.142	.109	.314	-.566
30	283	-.144	.108	.301	-.552
30	284	-.139	.110	.312	-.560
30	285	-.132	.118	.284	-.512
30	286	-.208	.128	.174	-.622

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	287	-.254	.137	.183	-.682
30	288	-.164	.108	.165	-.499
30	289	-.124	.123	.224	-.559
30	290	-.104	.119	.256	-.462
30	291	-.126	.107	.231	-.502
30	292	-.117	.110	.238	-.492
30	293	-.138	.111	.211	-.584
30	294	-.156	.115	.248	-.537
30	295	-.163	.113	.237	-.533
30	296	-.214	.121	.227	-.580
30	297	-.267	.132	.218	-.715
30	298	-.104	.148	.428	-.650
30	299	-.080	.149	.439	-.663
30	300	-.059	.150	.474	-.668
30	301	-.079	.150	.472	-.712
30	302	-.083	.126	.371	-.434
30	303	-.096	.124	.335	-.461
30	304	-.079	.125	.357	-.440
30	401	-.209	.121	.280	-.615
30	402	-.202	.118	.317	-.580
30	403	-.203	.120	.232	-.614
30	404	-.210	.121	.200	-.598
30	405	-.212	.134	.173	-.729
30	406	-.214	.133	.180	-.702
30	407	-.202	.121	.170	-.653
30	408	-.209	.125	.152	-.673
30	409	-.219	.120	.175	-.648
30	410	-.206	.115	.164	-.564
30	411	-.211	.117	.166	-.679
30	412	-.219	.116	.166	-.616
30	413	-.205	.121	.166	-.646
30	414	-.203	.119	.183	-.654
30	415	-.202	.120	.177	-.666
30	416	-.205	.122	.189	-.687
30	417	-.196	.112	.130	-.584
30	418	-.197	.113	.183	-.586
30	419	-.211	.116	.146	-.568
30	420	-.200	.114	.165	-.570
30	421	-.228	.095	.010	-.593
30	422	-.219	.113	.115	-.610
30	423	-.211	.113	.128	-.569
30	424	-.209	.113	.133	-.573
30	425	-.206	.126	.316	-.652
30	426	-.209	.127	.299	-.643
30	427	-.206	.129	.331	-.639
30	428	-.210	.131	.330	-.626
30	429	-.221	.121	.150	-.597
30	430	-.242	.122	.154	-.612
30	431	-.224	.123	.132	-.574
30	432	-.253	.127	.161	-.697
30	433	-.214	.113	.215	-.629
30	434	-.208	.109	.198	-.567
30	435	-.204	.109	.179	-.552
30	436	-.205	.109	.186	-.546
30	437	-.213	.131	.236	-.633
30	438	-.227	.111	.094	-.587
30	439	-.228	.113	.102	-.596
30	440	-.234	.114	.095	-.743
30	441	-.250	.120	.101	-.781
30	442	-.233	.116	.212	-.664
30	443	-.260	.122	.129	-.743
30	444	-.250	.120	.120	-.738
30	445	-.231	.113	.117	-.590
30	446	-.226	.107	.107	-.561
30	447	-.223	.107	.135	-.604
30	448	-.234	.108	.169	-.620
30	449	-.260	.124	.139	-.830
30	450	-.268	.131	.152	-1.126
30	451	-.274	.136	.159	-1.293
30	452	-.272	.135	.090	-.750
30	453	-.261	.133	.133	-1.007
30	454	-.243	.125	.170	-.709
30	455	-.233	.125	.179	-.695
30	456	-.226	.125	.243	-.707
30	457	-.202	.125	.260	-.615
30	458	-.210	.120	.225	-.593
30	459	-.229	.124	.183	-.605
30	460	-.243	.128	.133	-.703
30	461	-.227	.132	.169	-.753
30	462	-.232	.133	.173	-.760
30	463	-.194	.133	.220	-.712
30	464	-.208	.130	.185	-.602
30	465	-.193	.148	.249	-.843
30	466	-.187	.125	.224	-.594
30	467	-.180	.122	.207	-.662
30	468	-.176	.116	.238	-.592
30	469	-.177	.119	.194	-.546
30	470	-.187	.123	.187	-.592
30	471	-.193	.128	.201	-.647
30	472	-.194	.127	.212	-.604
30	473	-.189	.117	.233	-.719
30	501	-.309	.203	.320	-1.089
30	502	-.220	.160	.225	-1.091
30	503	-.170	.134	.238	-.904
30	504	-.254	.126	.134	-.723
30	505	-.263	.127	.143	-.789
30	506	-.267	.134	.135	-.839
30	507	-.248	.130	.159	-.762
30	508	-.227	.115	.123	-.853
30	509	-.296	.222	.499	-1.095
30	510	-.150	.132	.369	-.671
30	511	-.240	.112	.135	-.677
30	512	-.227	.120	.162	-.648
30	513	-.278	.247	.540	-1.640
30	514	-.273	.195	.430	-1.104
30	515	-.219	.155	.301	-.824
30	516	-.257	.136	.228	-.683
30	517	-.262	.134	.207	-.704
30	518	-.263	.132	.199	-.708
30	519	-.225	.125	.261	-.594
30	520	-.233	.116	.157	-.608
30	521	-.339	.190	.246	-1.260
30	522	-.240	.159	.309	-.928
30	523	-.226	.134	.187	-.933
30	524	-.229	.120	.180	-.683
30	525	-.228	.117	.191	-.670
30	526	-.256	.131	.200	-.712
30	527	-.232	.118	.195	-.693
30	528	-.246	.132	.194	-.829
30	529	-.333	.162	.348	-1.060
30	530	-.266	.145	.249	-.789
30	531	-.234	.118	.155	-.749
30	532	-.242	.128	.176	-.692
30	533	-.319	.148	.199	-1.050
30	534	-.262	.135	.161	-.727
30	535	-.241	.124	.221	-.638
30	536	-.330	.164	.262	-1.172
30	537	-.285	.149	.218	-1.113
30	538	-.246	.119	.087	-.636
30	539	-.244	.125	.216	-.685
30	540	-.241	.123	.198	-.676
30	541	-.264	.206	.339	-1.248
30	542	-.261	.170	.250	-1.140
30	543	-.291	.152	.257	-.945
30	544	-.324	.161	.163	-1.132
30	545	-.307	.150	.143	-.947
30	546	-.267	.125	.155	-.760
30	547	-.254	.125	.169	-.755
30	548	-.217	.128	.157	-.648
30	549	-.257	.124	.181	-.792
30	550	-.223	.127	.155	-.653
30	551	-.286	.184	.406	-1.067
30	552	-.281	.159	.334	-.963
30	553	-.292	.146	.191	-.884
30	554	-.258	.134	.178	-.824
30	555	-.301	.191	.609	-1.136
30	556	-.287	.143	.166	-1.034
30	557	-.311	.136	.178	-.875
30	558	-.310	.138	.170	-.902
30	559	-.310	.134	.204	-.874

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	560	-.266	.135	.162	-.787
30	561	-.253	.128	.155	-.815
30	562	-.257	.132	.203	-.749
30	563	-.264	.136	.195	-.755
30	564	-.260	.205	.561	-1.139
30	565	-.255	.152	.312	-.856
30	566	-.297	.164	.175	-1.221
30	567	-.272	.151	.271	-.774
30	568	-.240	.234	.689	-1.339
30	569	-.267	.151	.384	-.894
30	570	-.344	.170	.205	-1.082
30	571	-.350	.173	.287	-1.155
30	572	-.336	.164	.179	-.998
30	573	-.307	.149	.151	-.864
30	574	-.277	.143	.160	-.858
30	575	-.272	.143	.173	-.782
30	576	-.255	.148	.198	-.848
30	577	-.216	.227	.575	-.988
30	578	-.239	.161	.290	-.963
30	579	-.359	.178	.158	-1.397
30	580	-.240	.143	.278	-.695
30	581	-.288	.143	.285	-.828
30	582	-.291	.131	.271	-.827
30	583	-.286	.151	.398	-1.176
30	584	-.306	.144	.221	-.832
30	585	-.353	.159	.125	-1.037
30	586	-.332	.152	.159	-.994
30	587	-.279	.138	.197	-.842
30	588	-.252	.131	.148	-.698
30	589	-.226	.129	.247	-.751
30	590	-.205	.128	.248	-.655
30	591	-.210	.128	.219	-.658
30	592	-.240	.124	.111	-.668
30	593	-.243	.125	.108	-.684
30	594	-.232	.125	.131	-.679
30	595	-.173	.131	.281	-.668
30	596	-.236	.135	.147	-.808
30	597	-.221	.129	.157	-.747
30	598	-.201	.129	.186	-.658
30	599	-.204	.132	.201	-.689
30	600	-.173	.120	.218	-.633
30	601	-.165	.120	.204	-.620
30	602	-.164	.120	.204	-.600
30	603	-.223	.120	.110	-.706
30	604	-.221	.124	.223	-.599
30	605	-.204	.123	.227	-.583
30	606	-.140	.124	.388	-.550
30	607	-.179	.123	.289	-.585
30	608	-.167	.124	.274	-.618
30	609	-.164	.121	.266	-.622
30	610	-.157	.121	.277	-.600
30	611	-.178	.112	.219	-.519
30	612	-.142	.119	.262	-.493
30	613	-.174	.117	.233	-.563
30	701	-.007	.151	.575	-.564
30	702	-.000	.132	.529	-.417
30	703	-.050	.128	.353	-.481
30	704	.050	.175	.623	-.726
30	705	.118	.157	.781	-.361
30	706	.120	.159	.794	-.440
30	707	-.091	.146	.451	-.615
30	708	-.048	.148	.562	-.505
30	709	-.147	.151	.348	-.663
30	710	.077	.186	.986	-.737
30	711	.125	.152	.824	-.341
30	712	.122	.158	.795	-.377
30	713	-.178	.157	.493	-.885
30	714	-.303	.165	.271	-1.014
30	715	-.304	.231	.537	-1.276
30	716	-.422	.213	.307	-1.357
30	717	-.432	.205	.170	-1.354
30	718	-.370	.209	.365	-1.330
30	719	-.219	.148	.223	-1.006
30	720	-.287	.165	.230	-1.364
30	721	-.311	.165	.317	-1.006
30	722	-.301	.183	.251	-1.062
30	723	-.136	.133	.451	-.586
30	724	-.139	.140	.465	-.564
30	725	-.263	.127	.157	-1.055
30	726	-.197	.140	.391	-.760
30	727	-.205	.160	.353	-.810
30	728	-.353	.185	.230	-1.185
30	801	-.112	.112	.312	-.566
30	802	-.140	.112	.197	-.557
40	101	.396	.236	1.209	-.469
40	102	.407	.229	1.226	-.364
40	103	.276	.216	1.007	-.412
40	104	.137	.203	.990	-.559
40	105	.051	.187	.730	-.508
40	106	.469	.240	1.487	-.330
40	107	-.020	.176	.625	-.677
40	108	.458	.239	1.371	-.343
40	109	.442	.233	1.225	-.289
40	110	.346	.188	1.047	-.193
40	111	.231	.183	1.028	-.366
40	112	.143	.162	.883	-.404
40	113	.144	.181	.816	-.413
40	114	.099	.189	.870	-.532
40	115	.016	.195	.768	-.609
40	116	-.157	.213	.587	-.903
40	117	.405	.246	1.209	-.432
40	118	-.256	.158	.329	-.840
40	119	.205	.181	.844	-.373
40	120	.119	.209	.907	-.721
40	121	.099	.164	.704	-.385
40	122	-.041	.151	.500	-.605
40	123	-.165	.160	.373	-.823
40	124	.360	.233	1.227	-.350
40	125	.337	.212	1.019	-.310
40	126	.270	.170	.951	-.257
40	127	.298	.176	.911	-.270
40	128	-.186	.272	.490	-1.851
40	129	-.073	.210	.480	-1.123
40	130	-.030	.161	.460	-.919
40	131	-.036	.148	.502	-.785
40	132	-.072	.179	.650	-.977
40	133	-.138	.198	.683	-.865
40	134	.226	.191	.797	-.419
40	135	-.182	.156	.669	-.751
40	136	.130	.189	.860	-.460
40	137	.166	.207	.981	-.435
40	138	.266	.177	1.025	-.321
40	139	.276	.179	1.144	-.249
40	140	.013	.225	.789	-.961
40	141	-.002	.225	.749	-1.207
40	142	-.116	.213	.536	-1.165
40	143	-.165	.190	.408	-1.201
40	144	-.166	.155	.347	-.949
40	145	-.160	.163	.403	-.774
40	146	-.095	.141	.360	-.551
40	147	-.081	.135	.359	-.546
40	148	-.133	.137	.366	-.548
40	149	-.209	.154	.413	-.737
40	150	-.005	.171	.755	-.736
40	151	-.221	.147	.318	-.711
40	152	.076	.153	.676	-.474
40	153	-.002	.140	.571	-.577
40	154	-.003	.128	.554	-.492
40	155	-.031	.118	.469	-.492
40	156	-.052	.116	.393	-.519
40	157	-.042	.122	.346	-.468
40	158	-.057	.119	.326	-.456
40	159	-.072	.122	.322	-.524
40	160	-.093	.126	.354	-.566
40	161	-.150	.130	.297	-.724
40	162	-.209	.137	.226	-.848
40	163	-.041	.134	.513	-.673
40	164	-.242	.143	.505	-.825
40	165	-.043	.129	.590	-.440
40	166	-.023	.123	.503	-.456

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	167	-.015	.123	.519	-.432
40	168	-.012	.122	.506	-.437
40	169	-.034	.116	.471	-.440
40	170	-.050	.115	.453	-.445
40	171	-.049	.116	.455	-.456
40	172	-.060	.120	.454	-.477
40	173	-.073	.121	.383	-.468
40	174	-.109	.118	.311	-.499
40	175	-.183	.125	.265	-.605
40	176	-.072	.110	.290	-.474
40	201	-.260	.125	.151	-.725
40	202	-.255	.120	.124	-.705
40	203	-.186	.132	.283	-.668
40	204	-.095	.134	.380	-.564
40	205	-.071	.115	.286	-.396
40	206	.098	.189	.857	-.577
40	207	.006	.226	.741	-.856
40	208	-.256	.127	.164	-.652
40	209	-.249	.130	.141	-.652
40	210	.034	.132	.442	-.491
40	211	.182	.258	.875	-.805
40	212	-.268	.129	.176	-.711
40	213	-.258	.130	.183	-.687
40	214	.050	.131	.455	-.381
40	215	.079	.131	.677	-.380
40	216	.161	.146	.665	-.364
40	217	.244	.210	1.059	-.641
40	218	.205	.259	1.181	-.868
40	219	-.256	.115	.119	-.715
40	220	-.271	.118	.123	-.655
40	221	.044	.121	.430	-.503
40	222	.226	.245	1.057	-.759
40	223	-.266	.119	.113	-.799
40	224	-.260	.116	.101	-.777
40	225	.057	.126	.503	-.468
40	226	.075	.136	.570	-.467
40	227	.167	.173	.766	-.419
40	228	.235	.208	.933	-.450
40	229	.223	.236	1.031	-.581
40	230	.370	.217	1.315	-.324
40	231	.315	.203	1.099	-.577
40	232	.238	.197	.990	-.668
40	233	.149	.188	.883	-.618
40	234	-.263	.134	.193	-.862
40	235	-.247	.130	.201	-.758
40	236	.012	.128	.462	-.426
40	237	.019	.151	.566	-.515
40	238	.097	.208	.861	-.601
40	239	.290	.193	1.136	-.251
40	240	.255	.188	1.179	-.264

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	241	-.159	.161	.367	-.954
40	242	-.273	.123	.122	-.990
40	243	-.245	.144	.209	-.749
40	244	-.109	.109	.230	-.509
40	245	-.060	.114	.322	-.487
40	246	.031	.158	.628	-.423
40	247	.065	.179	.736	-.502
40	248	.080	.186	.788	-.774
40	249	.072	.199	.918	-.729
40	250	.050	.225	.814	-1.309
40	251	.057	.219	.866	-1.036
40	252	.046	.240	.934	-1.182
40	253	.030	.176	.673	-.768
40	254	-.271	.132	.206	-1.032
40	255	-.269	.131	.168	-.803
40	256	-.113	.094	.166	-.403
40	257	.109	.169	.723	-.490
40	258	-.279	.159	.171	-1.023
40	259	-.276	.140	.119	-.979
40	260	-.189	.132	.235	-.677
40	261	-.127	.127	.257	-.583
40	262	-.032	.136	.455	-.631
40	263	-.003	.144	.544	-.589
40	264	.053	.155	.644	-.472
40	265	.050	.156	.627	-.442
40	266	.029	.156	.739	-.412
40	267	.024	.159	.792	-.518
40	268	-.319	.186	.190	-1.158
40	269	-.307	.156	.108	-.939
40	270	-.208	.130	.192	-.642
40	271	.004	.132	.486	-.463
40	272	-.025	.115	.344	-.458
40	273	.004	.120	.448	-.421
40	274	-.021	.130	.540	-.502
40	275	-.312	.167	.163	-1.002
40	276	-.320	.170	.153	-1.038
40	277	-.241	.136	.165	-.741
40	278	-.167	.128	.333	-.651
40	279	-.108	.123	.352	-.546
40	280	-.114	.125	.330	-.556
40	281	-.071	.120	.359	-.474
40	282	-.108	.118	.351	-.492
40	283	-.105	.116	.327	-.502
40	284	-.101	.117	.330	-.508
40	285	-.104	.118	.234	-.635
40	286	-.250	.133	.131	-.809
40	287	-.312	.143	.071	-.819
40	288	-.195	.105	.093	-.543
40	289	-.128	.114	.221	-.651
40	290	-.101	.116	.280	-.477

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	291	-.106	.114	.272	-.502
40	292	-.103	.115	.272	-.478
40	293	-.119	.115	.257	-.550
40	294	-.085	.117	.270	-.476
40	295	-.084	.115	.277	-.480
40	296	-.217	.138	.265	-.659
40	297	-.281	.151	.190	-.794
40	298	-.113	.116	.272	-.483
40	299	-.057	.115	.332	-.451
40	300	-.028	.116	.394	-.435
40	301	-.048	.115	.357	-.463
40	302	-.096	.122	.356	-.507
40	303	-.105	.119	.341	-.518
40	304	-.089	.120	.360	-.503
40	401	-.241	.147	.201	-1.192
40	402	-.233	.140	.208	-.873
40	403	-.233	.139	.249	-.727
40	404	-.240	.140	.291	-.715
40	405	-.264	.146	.246	-.808
40	406	-.260	.140	.217	-.771
40	407	-.244	.127	.165	-.750
40	408	-.241	.123	.172	-.658
40	409	-.265	.135	.185	-.837
40	410	-.248	.129	.204	-.677
40	411	-.245	.129	.219	-.626
40	412	-.259	.130	.232	-.650
40	413	-.245	.110	.209	-.657
40	414	-.237	.108	.195	-.636
40	415	-.233	.108	.200	-.599
40	416	-.233	.109	.185	-.580
40	417	-.232	.120	.156	-.641
40	418	-.233	.120	.154	-.649
40	419	-.268	.125	.112	-.691
40	420	-.234	.120	.148	-.641
40	421	-.291	.107	.033	-.620
40	422	-.275	.124	.186	-.704
40	423	-.261	.123	.168	-.708
40	424	-.252	.123	.189	-.691
40	425	-.225	.123	.138	-.687
40	426	-.219	.122	.142	-.668
40	427	-.219	.124	.163	-.676
40	428	-.219	.125	.167	-.689
40	429	-.249	.115	.078	-.623
40	430	-.295	.119	.079	-.701
40	431	-.254	.118	.113	-.640
40	432	-.302	.122	.087	-.810
40	433	-.293	.133	.151	-.787
40	434	-.279	.126	.139	-.720
40	435	-.268	.125	.157	-.665
40	436	-.256	.123	.155	-.633

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	437	-.288	.130	.209	-.691
40	438	-.241	.113	.196	-.714
40	439	-.236	.116	.137	-.722
40	440	-.236	.117	.134	-.719
40	441	-.288	.140	.139	-.847
40	442	-.243	.137	.172	-.789
40	443	-.289	.138	.124	-.719
40	444	-.274	.137	.134	-.695
40	445	-.271	.120	.190	-.631
40	446	-.267	.119	.179	-.680
40	447	-.264	.122	.168	-.728
40	448	-.268	.124	.144	-.739
40	449	-.267	.118	.176	-.713
40	450	-.268	.117	.163	-.686
40	451	-.262	.120	.175	-.735
40	452	-.278	.125	.226	-.682
40	453	-.274	.132	.257	-.878
40	454	-.275	.122	.145	-.643
40	455	-.262	.124	.152	-.658
40	456	-.258	.123	.142	-.651
40	457	-.255	.132	.254	-.699
40	458	-.262	.133	.250	-.814
40	459	-.274	.140	.160	-.739
40	460	-.288	.143	.151	-.777
40	461	-.313	.157	.184	-1.605
40	462	-.319	.157	.191	-1.208
40	463	-.236	.142	.286	-.830
40	464	-.266	.138	.157	-.862
40	465	-.169	.148	.307	-.797
40	466	-.227	.153	.335	-.830
40	467	-.213	.142	.348	-.746
40	468	-.211	.136	.258	-.679
40	469	-.196	.131	.266	-.646
40	470	-.214	.139	.233	-.763
40	471	-.224	.135	.243	-.718
40	472	-.226	.134	.248	-.643
40	473	-.218	.131	.205	-.616
40	501	-.574	.220	.325	-1.510
40	502	-.384	.215	.261	-1.285
40	503	-.259	.178	.318	-1.331
40	504	-.296	.152	.188	-.994
40	505	-.308	.153	.162	-.967
40	506	-.311	.162	.181	-1.041
40	507	-.300	.158	.227	-1.096
40	508	-.295	.148	.168	-.870
40	509	-.603	.242	.165	-1.494
40	510	-.267	.169	.222	-.983
40	511	-.299	.139	.127	-.770
40	512	-.293	.140	.169	-.783
40	513	-.657	.343	.311	-1.813

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	514	-.489	.255	.313	-1.582
40	515	-.378	.224	.283	-1.217
40	516	-.313	.153	.177	-.932
40	517	-.323	.150	.150	-.903
40	518	-.320	.142	.146	-.960
40	519	-.300	.135	.118	-.792
40	520	-.293	.135	.133	-.746
40	521	-.561	.252	.279	-1.793
40	522	-.370	.213	.287	-1.442
40	523	-.314	.174	.206	-1.188
40	524	-.316	.143	.138	-.906
40	525	-.317	.136	.080	-.857
40	526	-.270	.149	.193	-.810
40	527	-.327	.131	.093	-.911
40	528	-.312	.145	.138	-.914
40	529	-.454	.210	.171	-1.580
40	530	-.334	.189	.268	-1.094
40	531	-.305	.162	.239	-.946
40	532	-.310	.146	.106	-.872
40	533	-.470	.206	.157	-1.776
40	534	-.349	.166	.101	-1.111
40	535	-.342	.146	.155	-.875
40	536	-.442	.229	.174	-1.610
40	537	-.411	.203	.186	-1.612
40	538	-.320	.144	.102	-.918
40	539	-.310	.134	.137	-.816
40	540	-.308	.132	.142	-.789
40	541	-.472	.321	.409	-2.149
40	542	-.413	.231	.203	-1.782
40	543	-.387	.195	.182	-1.550
40	544	-.399	.174	.143	-1.346
40	545	-.403	.165	.143	-1.338
40	546	-.335	.127	.116	-.858
40	547	-.321	.128	.132	-.846
40	548	-.336	.143	.181	-.821
40	549	-.335	.130	.086	-.969
40	550	-.349	.145	.232	-.821
40	551	-.500	.225	.156	-1.470
40	552	-.403	.206	.227	-1.465
40	553	-.395	.174	.185	-1.284
40	554	-.352	.153	.114	-1.061
40	555	-.449	.209	.108	-1.841
40	556	-.375	.192	.136	-1.355
40	557	-.373	.169	.148	-1.144
40	558	-.367	.167	.141	-1.123
40	559	-.358	.160	.147	-1.070
40	560	-.359	.142	.116	-.871
40	561	-.350	.134	.098	-.830
40	562	-.349	.138	.124	-.863
40	563	-.354	.142	.140	-.894

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	564	-.413	.202	.230	-1.274
40	565	-.374	.177	.130	-1.578
40	566	-.369	.164	.095	-1.412
40	567	-.328	.139	.133	-.821
40	568	-.407	.193	.285	-1.858
40	569	-.367	.166	.229	-1.327
40	570	-.370	.158	.069	-1.206
40	571	-.368	.156	.069	-1.164
40	572	-.375	.152	.138	-1.155
40	573	-.351	.139	.068	-.934
40	574	-.329	.135	.057	-.841
40	575	-.318	.133	.075	-.807
40	576	-.293	.131	.180	-.746
40	577	-.428	.186	.220	-1.127
40	578	-.394	.175	.108	-1.126
40	579	-.402	.165	.076	-1.115
40	580	-.280	.119	.073	-.684
40	581	-.361	.129	.041	-1.024
40	582	-.325	.125	.058	-.729
40	583	-.374	.134	.043	-.878
40	584	-.369	.156	.086	-.983
40	585	-.379	.154	.074	-.983
40	586	-.353	.147	.068	-.917
40	587	-.288	.137	.111	-.827
40	588	-.245	.140	.223	-.666
40	589	-.223	.136	.224	-.614
40	590	-.207	.136	.220	-.634
40	591	-.209	.138	.234	-.658
40	592	-.301	.132	.165	-.701
40	593	-.305	.133	.167	-.673
40	594	-.286	.134	.155	-.677
40	595	-.162	.138	.334	-.597
40	596	-.227	.122	.115	-1.081
40	597	-.221	.121	.097	-2.228
40	598	-.209	.118	.116	-1.389
40	599	-.202	.120	.111	-1.276
40	600	-.184	.121	.260	-.541
40	601	-.177	.124	.288	-.531
40	602	-.189	.129	.281	-.558
40	603	-.289	.128	.200	-.686
40	604	-.257	.115	.136	-.676
40	605	-.214	.117	.203	-.573
40	606	-.117	.117	.273	-.476
40	607	-.179	.106	.215	-.542
40	608	-.164	.115	.210	-.501
40	609	-.163	.114	.232	-.502
40	610	-.163	.115	.215	-.530
40	611	-.172	.118	.233	-.540
40	612	-.165	.117	.190	-.555
40	613	-.172	.131	.269	-.576

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	701	-.073	.130	.418	-.516
40	702	.003	.121	.431	-.355
40	703	-.026	.120	.394	-.398
40	704	.132	.242	.948	-1.161
40	705	.269	.187	1.353	-.260
40	706	.244	.180	1.052	-.338
40	707	.008	.140	.664	-.410
40	708	.040	.156	.627	-.571
40	709	-.156	.155	.414	-.796
40	710	.161	.268	1.074	-1.036
40	711	.305	.195	1.123	-.289
40	712	.287	.203	1.118	-.314
40	713	-.204	.174	.449	-.880
40	714	-.392	.211	.225	-1.357
40	715	-.495	.282	.502	-1.515
40	716	-.502	.247	.208	-1.578
40	717	-.488	.212	.108	-1.453
40	718	-.480	.215	.290	-1.419
40	719	-.250	.187	.255	-1.005
40	720	-.389	.213	.324	-1.518
40	721	-.452	.191	.234	-1.120
40	722	-.433	.197	.210	-1.188
40	723	-.125	.174	.587	-.798
40	724	-.196	.169	.395	-1.421
40	725	-.313	.143	.188	-.856
40	726	-.301	.170	.264	-.866
40	727	-.335	.201	.341	-1.125
40	728	-.475	.225	.261	-1.639
40	801	-.088	.117	.302	-.506
40	802	-.081	.132	.325	-.578
50	101	.488	.205	1.152	-.298
50	102	.490	.196	1.208	-.297
50	103	.330	.181	1.020	-.348
50	104	.149	.171	.806	-.560
50	105	.036	.164	.744	-.653
50	106	.607	.216	1.292	-.432
50	107	-.031	.155	.620	-.791
50	108	.609	.216	1.314	-.300
50	109	.637	.202	1.357	-.188
50	110	.517	.182	1.134	-.138
50	111	.299	.169	.843	-.336
50	112	.202	.154	.698	-.329
50	113	.153	.166	.771	-.389
50	114	.100	.176	1.024	-.455
50	115	-.001	.191	.923	-.681
50	116	-.186	.196	.581	-.869
50	117	.575	.218	1.272	-.128
50	118	-.258	.162	.281	-.983
50	119	.257	.185	.816	-.390
50	120	.083	.232	.774	-1.452
50	121	.119	.169	1.072	-.524
50	122	-.029	.158	.780	-.513
50	123	-.167	.169	.486	-.762
50	124	.501	.222	1.377	-.338
50	125	.538	.226	1.245	-.186
50	126	.462	.203	1.113	-.154
50	127	.465	.198	1.154	-.117
50	128	-.337	.310	.486	-1.534
50	129	-.054	.233	.686	-1.100
50	130	.026	.152	.626	-.735
50	131	-.003	.138	.592	-.651
50	132	-.072	.166	.613	-.735
50	133	-.163	.182	.628	-.887
50	134	.444	.204	1.105	-.174
50	135	-.215	.162	.331	-.794
50	136	.337	.205	1.059	-.256
50	137	.320	.203	1.358	-.338
50	138	.443	.193	1.086	-.191
50	139	.458	.194	1.115	-.151
50	140	.253	.251	1.107	-.999
50	141	.234	.234	.903	-.952
50	142	.048	.269	.717	-1.297
50	143	-.152	.230	.509	-1.242
50	144	-.224	.216	.454	-1.119
50	145	-.200	.209	.329	-1.056
50	146	-.088	.157	.367	-.793
50	147	-.080	.141	.439	-.579
50	148	-.150	.146	.470	-.696
50	149	-.224	.152	.308	-.870
50	150	-.212	.220	.976	-.700
50	151	-.254	.142	.176	-.813
50	152	.243	.176	.949	-.425
50	153	.160	.166	.743	-.533
50	154	.148	.147	.652	-.396
50	155	.075	.128	.587	-.380
50	156	.008	.120	.492	-.390
50	157	.008	.131	.481	-.538
50	158	-.011	.124	.439	-.491
50	159	-.058	.124	.432	-.523
50	160	-.111	.121	.384	-.552
50	161	-.197	.125	.189	-.675
50	162	-.270	.129	.140	-.747
50	163	-.094	.172	.680	-.579
50	164	-.336	.139	.143	-1.092
50	165	.055	.149	.832	-.368
50	166	.101	.150	.788	-.291
50	167	.109	.150	.831	-.287
50	168	.098	.141	.730	-.346
50	169	.056	.132	.615	-.344
50	170	.023	.125	.446	-.360
50	171	.016	.126	.457	-.370
50	172	-.023	.124	.426	-.413
50	173	-.077	.126	.324	-.498
50	174	-.118	.124	.276	-.518
50	175	-.205	.128	.231	-.655
50	176	-.036	.119	.356	-.402
50	201	-.290	.134	.209	-.833
50	202	-.297	.131	.125	-.811
50	203	-.201	.140	.545	-.702
50	204	-.090	.144	.578	-.565
50	205	-.026	.124	.432	-.374
50	206	.193	.182	.818	-.491
50	207	.125	.225	.972	-.664
50	208	-.292	.125	.111	-.857
50	209	-.277	.125	.121	-.851
50	210	.037	.131	.527	-.440
50	211	.281	.230	.935	-.779
50	212	-.290	.131	.135	-1.455
50	213	-.273	.130	.154	-1.357
50	214	.048	.123	.491	-.426
50	215	.096	.126	.621	-.356
50	216	.205	.161	.805	-.339
50	217	.332	.189	1.123	-.412
50	218	.294	.235	1.223	-.660
50	219	-.295	.118	.089	-.737
50	220	-.293	.125	.095	-.782
50	221	.027	.113	.440	-.376
50	222	.236	.218	1.070	-.570
50	223	-.295	.130	.115	-2.011
50	224	-.299	.131	.096	-1.694
50	225	.070	.117	.635	-.498
50	226	.093	.124	.769	-.413
50	227	.188	.153	.680	-.386
50	228	.265	.189	.943	-.423
50	229	.218	.228	1.047	-.627
50	230	.522	.192	1.388	-.024
50	231	.454	.212	1.243	-.370
50	232	.369	.214	1.268	-.609
50	233	.259	.215	1.121	-.849
50	234	-.309	.140	.119	-1.024
50	235	-.286	.133	.135	-.809
50	236	.035	.128	.438	-.469
50	237	.105	.167	.758	-.427
50	238	.155	.200	.981	-.704
50	239	.457	.210	1.321	-.154
50	240	.400	.199	1.249	-.184
50	241	-.163	.179	.421	-.853
50	242	-.303	.143	.214	-.985
50	243	-.274	.135	.150	-.730
50	244	-.115	.133	.388	-.520

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	245	-.038	.138	.484	-.461
50	246	.099	.157	.698	-.382
50	247	.159	.179	.863	-.377
50	248	.159	.178	.993	-.350
50	249	.221	.211	1.041	-.456
50	250	.272	.221	.978	-1.533
50	251	.306	.223	1.075	-.758
50	252	.325	.244	1.229	-.767
50	253	.147	.169	.711	-.772
50	254	-.313	.125	.050	-.839
50	255	-.270	.120	.215	-.730
50	256	-.134	.090	.168	-.476
50	257	.299	.198	1.058	-.311
50	258	-.332	.136	.142	-.894
50	259	-.283	.134	.240	-1.085
50	260	-.226	.118	.226	-.717
50	261	-.127	.117	.358	-.551
50	262	.042	.135	.496	-.392
50	263	.088	.143	.576	-.380
50	264	.198	.157	.736	-.287
50	265	.204	.157	.760	-.279
50	266	.204	.188	.992	-.358
50	267	.222	.197	1.148	-.345
50	268	-.363	.185	.100	-1.525
50	269	-.316	.166	.270	-1.356
50	270	-.239	.157	.239	-.804
50	271	.150	.191	1.077	-.436
50	272	.048	.151	.678	-.374
50	273	.117	.166	.786	-.345
50	274	.096	.162	.692	-.457
50	275	-.410	.214	.228	-2.009
50	276	-.408	.221	.259	-1.715
50	277	-.295	.167	.262	-1.097
50	278	-.149	.154	.390	-.720
50	279	-.066	.149	.588	-.619
50	280	-.106	.152	.372	-.699
50	281	-.045	.146	.539	-.667
50	282	-.110	.123	.337	-.666
50	283	-.115	.122	.318	-.536
50	284	-.114	.124	.305	-.556
50	285	-.078	.133	.368	-.535
50	286	-.323	.168	.166	-1.014
50	287	-.408	.191	.236	-1.162
50	288	-.233	.128	.155	-.659
50	289	-.121	.127	.315	-.585
50	290	-.035	.117	.409	-.445
50	291	-.044	.113	.348	-.413
50	292	-.040	.113	.335	-.422
50	293	-.068	.113	.340	-.456
50	294	-.070	.115	.332	-.445

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	295	-.072	.114	.315	-.451
50	296	-.268	.150	.188	-.937
50	297	-.321	.157	.184	-1.047
50	298	-.133	.144	.338	-.762
50	299	-.047	.140	.428	-.531
50	300	-.009	.139	.566	-.425
50	301	-.027	.136	.428	-.455
50	302	-.043	.124	.343	-.474
50	303	-.048	.123	.334	-.465
50	304	-.039	.123	.339	-.461
50	401	-.314	.156	.179	-.880
50	402	-.306	.151	.135	-.823
50	403	-.303	.151	.128	-.798
50	404	-.303	.154	.122	-.841
50	405	-.313	.152	.236	-.973
50	406	-.311	.147	.230	-.980
50	407	-.296	.127	.121	-.733
50	408	-.284	.130	.155	-.886
50	409	-.298	.136	.136	-.922
50	410	-.289	.130	.123	-.770
50	411	-.298	.131	.121	-.746
50	412	-.305	.131	.126	-.756
50	413	-.299	.130	.163	-.824
50	414	-.293	.127	.163	-.802
50	415	-.289	.129	.136	-.799
50	416	-.281	.129	.121	-.781
50	417	-.285	.118	.081	-.755
50	418	-.286	.118	.085	-.762
50	419	-.326	.130	.083	-.793
50	420	-.289	.117	.065	-.790
50	421	-.336	.120	.022	-.802
50	422	-.321	.136	.087	-.807
50	423	-.312	.133	.112	-.773
50	424	-.303	.131	.142	-.730
50	425	-.291	.120	.160	-.730
50	426	-.286	.120	.166	-.725
50	427	-.289	.122	.152	-.720
50	428	-.285	.123	.150	-.735
50	429	-.288	.121	.130	-1.215
50	430	-.332	.127	.148	-.939
50	431	-.293	.125	.115	-1.111
50	432	-.342	.132	.109	-.965
50	433	-.342	.124	.135	-.788
50	434	-.321	.113	.068	-.734
50	435	-.314	.111	.096	-.712
50	436	-.306	.111	.089	-.696
50	437	-.312	.130	.171	-.730
50	438	-.284	.117	.153	-.670
50	439	-.282	.119	.146	-.649
50	440	-.280	.119	.135	-.652

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	441	-.348	.127	.056	-.880
50	442	-.275	.121	.119	-.667
50	443	-.349	.122	.051	-.842
50	444	-.328	.121	.101	-.787
50	445	-.325	.120	.164	-.722
50	446	-.321	.117	.042	-.738
50	447	-.318	.121	.039	-.844
50	448	-.314	.126	.069	-.917
50	449	-.308	.141	.145	-.817
50	450	-.301	.139	.169	-.923
50	451	-.298	.141	.174	-.940
50	452	-.342	.133	.083	-.745
50	453	-.313	.155	.300	-1.064
50	454	-.320	.148	.198	-1.043
50	455	-.313	.147	.257	-.989
50	456	-.310	.144	.271	-.836
50	457	-.313	.124	.125	-.829
50	458	-.321	.127	.132	-.815
50	459	-.336	.143	.095	-.964
50	460	-.343	.155	.107	-.996
50	461	-.354	.173	.058	-1.418
50	462	-.358	.177	.077	-1.438
50	463	-.280	.161	.255	-.941
50	464	-.334	.160	.125	-1.218
50	465	-.276	.181	.270	-1.198
50	466	-.265	.164	.279	-1.206
50	467	-.250	.144	.213	-.818
50	468	-.246	.140	.247	-.809
50	469	-.246	.159	.256	-.989
50	470	-.266	.167	.250	-.951
50	471	-.284	.169	.161	-1.155
50	472	-.281	.166	.133	-.927
50	473	-.287	.172	.212	-.978
50	501	-.563	.199	.029	-1.447
50	502	-.486	.199	.249	-1.575
50	503	-.389	.191	.267	-1.221
50	504	-.334	.153	.168	-1.384
50	505	-.339	.153	.146	-1.250
50	506	-.344	.150	.122	-.982
50	507	-.336	.142	.178	-.903
50	508	-.335	.152	.226	-1.040
50	509	-.590	.213	.049	-1.572
50	510	-.379	.171	.183	-1.086
50	511	-.349	.152	.157	-.961
50	512	-.331	.136	.070	-.801
50	513	-.774	.288	.210	-1.883
50	514	-.588	.242	.146	-1.643
50	515	-.484	.212	.100	-1.401
50	516	-.351	.154	.124	-1.016
50	517	-.348	.149	.117	-.976

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	518	-.359	.144	.077	-.944
50	519	-.346	.144	.070	-.919
50	520	-.349	.150	.131	-.901
50	521	-.487	.220	.163	-1.748
50	522	-.446	.216	.188	-1.586
50	523	-.393	.198	.236	-1.142
50	524	-.359	.172	.230	-1.148
50	525	-.350	.163	.217	-1.074
50	526	-.354	.153	.166	-.877
50	527	-.352	.159	.219	-.995
50	528	-.332	.161	.153	-.956
50	529	-.414	.181	.123	-1.540
50	530	-.428	.192	.228	-1.408
50	531	-.364	.160	.130	-1.213
50	532	-.334	.153	.160	-.968
50	533	-.454	.197	.069	-2.103
50	534	-.401	.186	.188	-1.258
50	535	-.362	.136	.080	-1.020
50	536	-.487	.254	.112	-2.283
50	537	-.463	.212	.109	-1.565
50	538	-.356	.147	.118	-.880
50	539	-.339	.155	.216	-.982
50	540	-.339	.152	.219	-.931
50	541	-.518	.307	.491	-1.904
50	542	-.459	.249	.223	-1.693
50	543	-.415	.219	.185	-2.156
50	544	-.406	.185	.058	-1.807
50	545	-.391	.200	.160	-1.290
50	546	-.358	.168	.111	-1.651
50	547	-.352	.165	.118	-1.100
50	548	-.357	.160	.221	-1.074
50	549	-.362	.160	.096	-1.113
50	550	-.370	.165	.192	-1.132
50	551	-.465	.256	.293	-1.800
50	552	-.425	.210	.119	-1.460
50	553	-.402	.184	.182	-1.285
50	554	-.388	.143	.058	-1.090
50	555	-.435	.208	.154	-2.173
50	556	-.392	.204	.176	-1.650
50	557	-.372	.184	.090	-1.318
50	558	-.369	.182	.092	-1.308
50	559	-.373	.172	.111	-1.239
50	560	-.386	.153	.106	-1.077
50	561	-.379	.142	.065	-1.136
50	562	-.394	.150	.045	-1.426
50	563	-.402	.157	.048	-1.498
50	564	-.378	.171	.067	-1.475
50	565	-.384	.169	.031	-1.695
50	566	-.379	.160	.036	-1.345
50	567	-.392	.152	.011	-1.059
50	568	-.479	.175	-.003	-1.833
50	569	-.491	.172	.113	-1.348
50	570	-.482	.168	.047	-1.214
50	571	-.483	.164	.010	-1.157
50	572	-.442	.162	.032	-1.141
50	573	-.411	.146	.064	-1.095
50	574	-.369	.137	.137	-1.031
50	575	-.350	.136	.102	-.938
50	576	-.381	.145	.085	-.959
50	577	-.572	.197	-.127	-1.506
50	578	-.576	.199	-.111	-1.575
50	579	-.555	.192	-.032	-1.502
50	580	-.325	.136	.114	-.883
50	581	-.481	.178	.027	-1.185
50	582	-.438	.160	.063	-.980
50	583	-.507	.178	.026	-1.215
50	584	-.539	.189	.036	-1.282
50	585	-.550	.192	-.018	-1.484
50	586	-.507	.176	-.003	-1.106
50	587	-.397	.145	.031	-1.037
50	588	-.323	.137	.145	-.761
50	589	-.279	.131	.253	-.684
50	590	-.249	.128	.252	-.700
50	591	-.254	.130	.220	-.716
50	592	-.409	.142	-.020	-.915
50	593	-.416	.147	.135	-.936
50	594	-.366	.146	.243	-.875
50	595	-.169	.146	.412	-.795
50	596	-.250	.126	.120	-.757
50	597	-.251	.118	.130	-.701
50	598	-.229	.117	.145	-.700
50	599	-.217	.121	.176	-.692
50	600	-.210	.125	.209	-.623
50	601	-.215	.130	.260	-.638
50	602	-.222	.137	.306	-.663
50	603	-.342	.145	.085	-.883
50	604	-.253	.144	.254	-.740
50	605	-.201	.139	.272	-.698
50	606	-.117	.124	.315	-.574
50	607	-.191	.129	.375	-.585
50	608	-.183	.118	.294	-.586
50	609	-.185	.116	.213	-.599
50	610	-.183	.117	.247	-.586
50	611	-.187	.123	.192	-.637
50	612	-.189	.132	.195	-.600
50	613	-.199	.138	.218	-.747
50	701	-.092	.149	.393	-.577
50	702	.055	.149	.636	-.369
50	703	.046	.149	.558	-.369
50	704	.010	.263	1.067	-.833
50	705	.427	.201	1.545	-.990
50	706	.406	.204	1.123	-.279
50	707	.164	.167	.906	-.314
50	708	.082	.168	.668	-.596
50	709	-.207	.173	.440	-.988
50	710	.051	.301	1.052	-1.179
50	711	.432	.208	1.173	-.213
50	712	.417	.217	1.145	-.486
50	713	-.255	.178	.378	-1.445
50	714	-.451	.211	.213	-1.380
50	715	-.597	.284	.565	-2.038
50	716	-.414	.193	.150	-1.887
50	717	-.424	.181	.229	-1.319
50	718	-.426	.183	.250	-1.299
50	719	-.348	.211	.421	-1.196
50	720	-.398	.193	.295	-1.356
50	721	-.416	.182	.089	-1.177
50	722	-.445	.199	.215	-1.353
50	723	-.216	.204	.447	-1.150
50	724	-.318	.178	.326	-1.406
50	725	-.363	.173	.248	-1.199
50	726	-.353	.181	.314	-1.013
50	727	-.374	.199	.345	-1.246
50	728	-.414	.193	.130	-1.336
50	801	-.046	.130	.394	-.544
50	802	-.065	.123	.375	-.492
60	101	.522	.231	1.317	-.264
60	102	.507	.209	1.232	-.165
60	103	.323	.179	.902	-.354
60	104	.125	.155	.637	-.389
60	105	-.011	.139	.474	-.735
60	106	.606	.223	1.281	-.524
60	107	-.039	.138	.428	-.635
60	108	.611	.215	1.270	-.131
60	109	.708	.209	1.341	-.052
60	110	.574	.177	1.176	-.111
60	111	.266	.160	.864	-.362
60	112	.219	.140	.673	-.285
60	113	.106	.146	.569	-.503
60	114	.037	.143	.492	-.560
60	115	-.048	.140	.478	-.584
60	116	-.222	.152	.377	-.737
60	117	.608	.210	1.447	-.039
60	118	-.243	.123	.175	-.846
60	119	.246	.177	.935	-.407
60	120	-.007	.209	.733	-.964
60	121	.083	.147	.596	-.492
60	122	-.059	.139	.372	-.556
60	123	-.183	.135	.230	-.840
60	124	.550	.208	1.215	-.122

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	125	.619	.215	1.328	-.094
60	126	.569	.195	1.385	-.028
60	127	.545	.197	1.338	-.080
60	128	-.375	.333	.781	-2.287
60	129	-.065	.262	.809	-1.105
60	130	-.033	.143	.622	-.679
60	131	-.029	.126	.473	-.477
60	132	-.108	.148	.497	-.740
60	133	-.169	.145	.396	-.761
60	134	.489	.194	1.097	-.175
60	135	-.214	.136	.251	-.635
60	136	.337	.191	1.077	-.197
60	137	.370	.199	1.136	-.199
60	138	.528	.190	1.124	-.060
60	139	.534	.188	1.180	-.045
60	140	.387	.228	1.250	-.868
60	141	.372	.227	1.118	-.808
60	142	.178	.264	.861	-1.158
60	143	-.145	.261	.576	-1.394
60	144	-.271	.228	.485	-1.204
60	145	-.233	.213	.476	-.945
60	146	-.106	.150	.423	-.668
60	147	-.118	.129	.362	-.748
60	148	-.182	.124	.205	-.746
60	149	-.248	.129	.187	-.667
60	150	.355	.201	1.011	-.365
60	151	-.250	.125	.148	-.710
60	152	.289	.161	1.128	-.304
60	153	.289	.182	.976	-.399
60	154	.272	.167	.874	-.274
60	155	.190	.143	.708	-.325
60	156	.092	.125	.570	-.405
60	157	.056	.127	.570	-.370
60	158	.025	.119	.470	-.362
60	159	-.039	.117	.451	-.430
60	160	-.116	.116	.400	-.537
60	161	-.191	.127	.222	-.637
60	162	-.248	.128	.146	-.691
60	163	.243	.202	1.096	-.488
60	164	-.309	.140	.139	-.858
60	165	.102	.161	.706	-.399
60	166	.180	.167	.858	-.323
60	167	.192	.169	.862	-.280
60	168	.176	.163	.862	-.312
60	169	.112	.147	.559	-.354
60	170	.072	.137	.572	-.365
60	171	.064	.137	.547	-.374
60	172	.001	.131	.423	-.423
60	173	-.064	.125	.383	-.487
60	174	-.105	.123	.326	-.552
60	175	-.227	.129	.218	-.641
60	176	-.007	.117	.384	-.352
60	201	-.325	.137	.099	-.897
60	202	-.315	.135	.222	-.971
60	203	-.261	.160	.580	-1.092
60	204	-.145	.167	.654	-.865
60	205	-.058	.140	.665	-.622
60	206	.217	.212	1.077	-.817
60	207	.248	.250	1.180	-1.183
60	208	-.325	.146	.203	-1.204
60	209	-.313	.144	.321	-1.061
60	210	.025	.141	.794	-.590
60	211	.338	.258	1.200	-.793
60	212	-.328	.132	.125	-1.290
60	213	-.318	.133	.128	-1.329
60	214	.012	.130	.480	-.409
60	215	.068	.134	.628	-.398
60	216	.192	.176	.858	-.369
60	217	.371	.203	1.086	-.304
60	218	.349	.256	1.257	-.585
60	219	-.324	.128	.062	-1.415
60	220	-.310	.130	.126	-1.029
60	221	.021	.125	.483	-.615
60	222	.290	.262	1.171	-.619
60	223	-.336	.129	.119	-1.883
60	224	-.336	.132	.102	-2.203
60	225	.047	.118	.697	-.570
60	226	.074	.127	.867	-.368
60	227	.188	.153	.797	-.309
60	228	.278	.193	.997	-.373
60	229	.207	.240	1.082	-.552
60	230	.538	.215	1.317	-.067
60	231	.498	.202	1.268	-.150
60	232	.442	.205	1.272	-.239
60	233	.357	.209	1.177	-.399
60	234	-.302	.158	.148	-1.735
60	235	-.302	.152	.196	-1.500
60	236	.024	.137	.454	-.595
60	237	.155	.183	.849	-.420
60	238	.090	.192	.737	-.637
60	239	.496	.191	1.196	-.216
60	240	.450	.184	1.146	-.219
60	241	-.185	.205	.520	-1.144
60	242	-.303	.152	.278	-1.534
60	243	-.288	.133	.174	-.916
60	244	-.120	.141	.447	-.655
60	245	-.037	.143	.532	-.543
60	246	.110	.152	.705	-.445
60	247	.150	.173	.809	-.441
60	248	.109	.179	.860	-.431
60	249	.247	.200	1.007	-.364
60	250	.266	.229	.989	-.609
60	251	.325	.240	1.069	-.527
60	252	.394	.255	1.218	-1.020
60	253	.106	.184	.683	-.550
60	254	-.298	.143	.180	-1.445
60	255	-.304	.129	.164	-.956
60	256	-.126	.105	.192	-.618
60	257	.375	.206	1.186	-.230
60	258	-.337	.125	.094	-.901
60	259	-.318	.135	.128	-.866
60	260	-.245	.113	.154	-.602
60	261	-.139	.115	.221	-.484
60	262	.037	.136	.487	-.338
60	263	.062	.143	.572	-.396
60	264	.205	.160	.772	-.257
60	265	.208	.158	.777	-.235
60	266	.269	.161	1.019	-.199
60	267	.292	.175	1.102	-.208
60	268	-.327	.161	.232	-1.379
60	269	-.341	.147	.072	-.983
60	270	-.233	.138	.232	-.916
60	271	.209	.158	.740	-.294
60	272	.091	.127	.554	-.313
60	273	.177	.139	.649	-.254
60	274	.158	.149	.719	-.307
60	275	-.397	.176	.118	-1.231
60	276	-.375	.175	.153	-1.097
60	277	-.276	.142	.165	-.756
60	278	-.151	.124	.330	-.604
60	279	-.066	.122	.399	-.460
60	280	-.122	.134	.430	-.660
60	281	-.041	.121	.431	-.416
60	282	-.084	.133	.364	-.679
60	283	-.102	.132	.359	-.614
60	284	-.094	.135	.341	-.570
60	285	-.069	.132	.487	-.624
60	286	-.340	.161	.163	-.959
60	287	-.438	.176	.098	-1.144
60	288	-.232	.120	.109	-.623
60	289	-.094	.128	.376	-.483
60	290	-.024	.141	.446	-.503
60	291	-.046	.137	.437	-.617
60	292	-.036	.136	.436	-.501
60	293	-.060	.137	.414	-.552
60	294	-.068	.121	.320	-.519
60	295	-.078	.129	.297	-.527
60	296	-.346	.164	.125	-.969
60	297	-.406	.177	.207	-1.033
60	298	-.161	.130	.201	-.606

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	299	-.057	.123	.319	-.449
60	300	.001	.125	.402	-.396
60	301	-.015	.119	.403	-.374
60	302	-.024	.111	.378	-.448
60	303	-.034	.109	.373	-.463
60	304	-.020	.110	.388	-.460
60	401	-.324	.155	.210	-1.043
60	402	-.317	.151	.228	-1.133
60	403	-.317	.156	.308	-1.154
60	404	-.320	.157	.259	-1.167
60	405	-.347	.163	.163	-1.171
60	406	-.343	.159	.149	-1.152
60	407	-.308	.133	.081	-1.071
60	408	-.310	.133	.110	-.778
60	409	-.304	.132	.135	-.810
60	410	-.301	.128	.113	-.797
60	411	-.315	.129	.102	-.824
60	412	-.315	.130	.108	-.809
60	413	-.323	.130	.163	-.724
60	414	-.320	.128	.136	-.855
60	415	-.318	.130	.175	-.759
60	416	-.315	.131	.167	-.978
60	417	-.311	.137	.089	-.907
60	418	-.315	.137	.107	-1.139
60	419	-.316	.126	.082	-.743
60	420	-.305	.134	.098	-.869
60	421	-.319	.112	.037	-.657
60	422	-.309	.130	.107	-.701
60	423	-.301	.129	.095	-.748
60	424	-.297	.130	.104	-.772
60	425	-.294	.121	.107	-.680
60	426	-.295	.121	.092	-.670
60	427	-.295	.125	.151	-.758
60	428	-.292	.126	.171	-.757
60	429	-.299	.124	.038	-.779
60	430	-.319	.120	.053	-.868
60	431	-.290	.124	.101	-.770
60	432	-.323	.121	.055	-.811
60	433	-.306	.114	.081	-.637
60	434	-.298	.112	.092	-.603
60	435	-.290	.115	.117	-.622
60	436	-.287	.116	.139	-.625
60	437	-.296	.117	.073	-.737
60	438	-.299	.119	.091	-.736
60	439	-.293	.121	.114	-.759
60	440	-.291	.121	.101	-.736
60	441	-.316	.122	.086	-.700
60	442	-.284	.123	.119	-.664
60	443	-.330	.123	.070	-.852
60	444	-.313	.124	.105	-.713
60	445	-.322	.134	.152	-.753
60	446	-.326	.133	.127	-.737
60	447	-.321	.136	.207	-.738
60	448	-.314	.138	.226	-.814
60	449	-.316	.117	.035	-.778
60	450	-.314	.116	.043	-.828
60	451	-.308	.119	.052	-.853
60	452	-.351	.131	.054	-.816
60	453	-.323	.139	.075	-1.200
60	454	-.355	.148	.097	-1.023
60	455	-.349	.147	.134	-1.006
60	456	-.344	.138	.104	-.880
60	457	-.346	.151	.120	-.991
60	458	-.353	.161	.087	-1.161
60	459	-.357	.171	.067	-1.187
60	460	-.345	.169	.111	-1.027
60	461	-.353	.156	.084	-1.386
60	462	-.355	.155	.098	-1.293
60	463	-.343	.171	.142	-1.264
60	464	-.361	.170	.128	-1.114
60	465	-.299	.193	.276	-1.103
60	466	-.325	.183	.234	-1.266
60	467	-.304	.161	.239	-1.058
60	468	-.294	.161	.226	-1.314
60	469	-.331	.161	.240	-.976
60	470	-.356	.163	.147	-1.212
60	471	-.365	.164	.165	-1.423
60	472	-.365	.169	.161	-1.352
60	473	-.354	.184	.107	-1.289
60	501	-.523	.186	-.030	-1.288
60	502	-.497	.186	.042	-1.401
60	503	-.435	.178	.174	-1.179
60	504	-.349	.150	.157	-.963
60	505	-.350	.145	.144	-.870
60	506	-.348	.142	.105	-.807
60	507	-.343	.140	.118	-.880
60	508	-.349	.152	.154	-1.146
60	509	-.598	.221	-.011	-1.778
60	510	-.413	.162	.039	-1.242
60	511	-.360	.150	.112	-1.017
60	512	-.329	.132	.130	-.800
60	513	-.768	.269	.090	-2.148
60	514	-.544	.230	.123	-1.513
60	515	-.512	.198	.140	-1.587
60	516	-.380	.151	.120	-.939
60	517	-.375	.146	.086	-.907
60	518	-.389	.142	.030	-.878
60	519	-.383	.146	.015	-.903
60	520	-.351	.134	.104	-.882
60	521	-.359	.142	.083	-1.346
60	522	-.360	.154	.127	-1.130
60	523	-.366	.155	.145	-1.039
60	524	-.341	.153	.252	-1.067
60	525	-.327	.146	.236	-.987
60	526	-.309	.138	.162	-.814
60	527	-.315	.140	.225	-.763
60	528	-.313	.134	.145	-.844
60	529	-.352	.151	.087	-1.196
60	530	-.352	.143	.070	-.975
60	531	-.354	.148	.059	-1.073
60	532	-.310	.168	.185	-.837
60	533	-.378	.154	.046	-1.282
60	534	-.361	.176	.149	-1.100
60	535	-.330	.127	.056	-.849
60	536	-.415	.177	.159	-1.268
60	537	-.430	.179	.123	-1.236
60	538	-.318	.135	.165	-.896
60	539	-.312	.127	.133	-.700
60	540	-.307	.125	.116	-.691
60	541	-.317	.128	.104	-1.061
60	542	-.317	.128	.171	-.848
60	543	-.310	.123	.151	-.831
60	544	-.329	.148	.153	-1.110
60	545	-.334	.140	.112	-.794
60	546	-.329	.128	.078	-.729
60	547	-.322	.128	.067	-.720
60	548	-.331	.129	.132	-.730
60	549	-.339	.131	.043	-.725
60	550	-.341	.131	.131	-.886
60	551	-.319	.135	.088	-1.088
60	552	-.316	.143	.166	-.987
60	553	-.312	.137	.140	-.888
60	554	-.341	.139	.123	-.826
60	555	-.322	.142	.186	-1.359
60	556	-.340	.130	.064	-.835
60	557	-.339	.127	.066	-.745
60	558	-.337	.127	.060	-.738
60	559	-.346	.127	.031	-.769
60	560	-.352	.123	.061	-.833
60	561	-.352	.121	.027	-.784
60	562	-.357	.126	.016	-.820
60	563	-.364	.131	.033	-.849
60	564	-.339	.125	.070	-.872
60	565	-.353	.124	.048	-.856
60	566	-.351	.125	.065	-.897
60	567	-.354	.133	.046	-.946
60	568	-.399	.168	.086	-1.717
60	569	-.413	.169	.050	-1.992
60	570	-.417	.170	.061	-1.563
60	571	-.419	.168	.093	-1.614

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	572	-.411	.150	.028	-1.164
60	573	-.399	.142	-.001	-1.035
60	574	-.371	.137	.061	-.976
60	575	-.358	.138	.108	-1.024
60	576	-.350	.136	.088	-.997
60	577	-.485	.174	-.022	-1.369
60	578	-.500	.180	.006	-1.252
60	579	-.487	.174	-.022	-1.253
60	580	-.345	.127	.038	-.846
60	581	-.490	.150	-.037	-1.093
60	582	-.451	.153	-.043	-.986
60	583	-.514	.156	-.055	-1.043
60	584	-.528	.187	-.019	-1.345
60	585	-.526	.187	-.010	-1.315
60	586	-.510	.180	.006	-1.374
60	587	-.430	.156	.032	-.961
60	588	-.376	.147	.076	-.913
60	589	-.331	.140	.146	-.867
60	590	-.313	.137	.169	-.909
60	591	-.327	.139	.131	-.932
60	592	-.466	.153	.082	-1.055
60	593	-.469	.154	.159	-.999
60	594	-.426	.155	.075	-.955
60	595	-.260	.168	.309	-.842
60	596	-.345	.139	.096	-.776
60	597	-.327	.130	.099	-.748
60	598	-.293	.126	.132	-.711
60	599	-.280	.129	.173	-.699
60	600	-.272	.127	.156	-.665
60	601	-.277	.131	.164	-.741
60	602	-.293	.140	.164	-.823
60	603	-.301	.147	.144	-.863
60	604	-.260	.145	.234	-.789
60	605	-.216	.141	.329	-.741
60	606	-.158	.137	.403	-.615
60	607	-.253	.139	.342	-.721
60	608	-.245	.123	.220	-.685
60	609	-.246	.121	.210	-.658
60	610	-.249	.125	.194	-.652
60	611	-.227	.125	.208	-.715
60	612	-.251	.134	.190	-.768
60	613	-.236	.145	.225	-.785
60	701	-.025	.142	.494	-.674
60	702	.168	.151	.803	-.427
60	703	.136	.147	.664	-.355
60	704	-.099	.225	.775	-1.500
60	705	.469	.208	1.350	-.149
60	706	.472	.216	1.179	-.141
60	707	.202	.183	.952	-.341
60	708	.050	.168	.724	-.751
60	709	-.191	.141	.400	-.872
60	710	-.070	.265	1.005	-1.123
60	711	.560	.198	1.234	-.049
60	712	.546	.203	1.335	-.150
60	713	-.297	.144	.191	-.854
60	714	-.429	.179	.212	-1.379
60	715	-.562	.256	.270	-1.855
60	716	-.400	.185	.085	-1.444
60	717	-.452	.221	.174	-1.970
60	718	-.466	.221	.173	-2.096
60	719	-.383	.197	.242	-1.296
60	720	-.421	.197	.179	-1.543
60	721	-.412	.193	.121	-1.229
60	722	-.465	.221	.226	-1.693
60	723	-.281	.178	.299	-.947
60	724	-.359	.156	.075	-1.238
60	725	-.378	.154	.054	-.917
60	726	-.398	.187	.344	-1.265
60	727	-.410	.205	.278	-1.446
60	728	-.401	.184	.150	-1.744
60	801	-.033	.124	.437	-.424
60	802	-.034	.114	.435	-.457
70	101	.533	.278	1.989	-.716
70	102	.505	.249	1.535	-.527
70	103	.269	.194	.993	-.509
70	104	.043	.160	.623	-.328
70	105	-.102	.144	.332	-.618
70	106	.559	.255	1.414	-.416
70	107	-.117	.145	.378	-.694
70	108	.531	.244	1.335	-.552
70	109	.596	.232	1.445	-.116
70	110	.448	.182	1.023	-.166
70	111	.247	.164	.855	-.324
70	112	.127	.147	.738	-.385
70	113	.081	.153	.572	-.415
70	114	.007	.149	.561	-.558
70	115	-.078	.142	.430	-.611
70	116	-.259	.144	.287	-.835
70	117	.519	.240	1.475	-.391
70	118	-.260	.122	.207	-.697
70	119	.247	.190	.881	-.588
70	120	.053	.212	.779	-.909
70	121	.076	.151	.633	-.526
70	122	-.089	.134	.401	-.534
70	123	-.215	.139	.215	-.739
70	124	.433	.224	1.458	-.235
70	125	.500	.223	1.173	-.106
70	126	.471	.194	1.037	-.055
70	127	.469	.201	1.102	-.066
70	128	-.204	.315	.864	-1.587
70	129	.011	.232	.845	-1.214
70	130	.038	.153	.643	-.925
70	131	-.035	.135	.458	-.552
70	132	-.122	.143	.590	-.594
70	133	-.183	.136	.456	-.662
70	134	.347	.202	1.228	-.304
70	135	-.237	.119	.153	-.620
70	136	.205	.180	.889	-.391
70	137	.230	.188	1.010	-.403
70	138	.466	.210	1.245	-.252
70	139	.474	.209	1.272	-.231
70	140	.278	.249	1.149	-1.039
70	141	.297	.253	1.131	-1.137
70	142	.152	.289	.923	-1.361
70	143	-.046	.271	.766	-1.234
70	144	-.120	.223	.564	-.878
70	145	-.126	.211	.654	-1.281
70	146	-.064	.147	.587	-.674
70	147	-.111	.125	.388	-.522
70	148	-.186	.118	.228	-.597
70	149	-.225	.119	.154	-.608
70	150	-.261	.189	1.183	-.281
70	151	-.232	.117	.196	-.614
70	152	-.236	.146	.825	-.206
70	153	.261	.189	1.061	-.345
70	154	.250	.179	1.013	-.251
70	155	.203	.158	.933	-.271
70	156	.123	.135	.664	-.303
70	157	.113	.133	.547	-.352
70	158	.078	.124	.477	-.353
70	159	.011	.119	.395	-.429
70	160	-.077	.115	.339	-.470
70	161	-.188	.125	.287	-.544
70	162	-.251	.125	.213	-.608
70	163	-.231	.181	.946	-.332
70	164	-.269	.127	.171	-.646
70	165	.136	.139	.728	-.292
70	166	.221	.150	.863	-.234
70	167	.245	.155	.894	-.228
70	168	.240	.158	.951	-.255
70	169	.186	.144	.736	-.259
70	170	.122	.135	.674	-.332
70	171	.118	.135	.690	-.339
70	172	.048	.128	.619	-.395
70	173	-.021	.131	.436	-.472
70	174	-.056	.126	.353	-.491
70	175	-.165	.124	.257	-.599
70	176	-.011	.122	.428	-.449
70	201	-.404	.146	.111	-.969
70	202	-.395	.159	.075	-.900

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	203	-.384	.173	.214	-1.377
70	204	-.309	.187	.384	-1.506
70	205	-.229	.156	.286	-.759
70	206	.118	.246	1.094	-.977
70	207	.120	.337	1.280	-1.525
70	208	-.396	.143	.065	-1.351
70	209	-.373	.143	.119	-1.379
70	210	-.138	.148	.486	-.809
70	211	.226	.336	1.297	-1.681
70	212	-.386	.119	.050	-.799
70	213	-.363	.117	.068	-.742
70	214	-.095	.123	.322	-.528
70	215	-.091	.148	.443	-.606
70	216	.037	.180	.719	-.987
70	217	.210	.245	1.056	-1.560
70	218	.181	.339	1.376	-1.679
70	219	-.357	.116	-.015	-.753
70	220	-.339	.121	.056	-.869
70	221	-.077	.125	.296	-.508
70	222	.117	.320	1.206	-1.769
70	223	-.356	.136	.128	-1.017
70	224	-.338	.133	.155	-.935
70	225	-.016	.135	.418	-.478
70	226	-.020	.144	.454	-.527
70	227	.046	.179	.628	-.558
70	228	.131	.240	.897	-1.042
70	229	.044	.309	1.012	-1.607
70	230	.524	.237	1.336	-.164
70	231	.507	.232	1.462	-.239
70	232	.451	.233	1.411	-.328
70	233	.386	.227	1.401	-.267
70	234	-.354	.134	.099	-.822
70	235	-.343	.132	.103	-.814
70	236	-.032	.126	.412	-.474
70	237	.222	.204	1.033	-.391
70	238	-.038	.226	.783	-.907
70	239	.516	.218	1.484	-.058
70	240	.481	.212	1.512	-.131
70	241	-.091	.226	.672	-.912
70	242	-.342	.130	.107	-.786
70	243	-.339	.136	.089	-.781
70	244	-.162	.124	.286	-.576
70	245	-.094	.127	.420	-.543
70	246	.021	.155	.590	-.446
70	247	.035	.184	.720	-.599
70	248	.016	.200	.739	-.741
70	249	.122	.195	.894	-.502
70	250	.133	.210	.830	-.723
70	251	.173	.241	.971	-.904
70	252	.232	.270	1.023	-1.395
70	253	.014	.181	.715	-.760
70	254	-.351	.132	.153	-.837
70	255	-.322	.139	.174	-.838
70	256	-.166	.098	.183	-.468
70	257	.268	.192	.985	-.347
70	258	-.414	.145	.079	-1.288
70	259	-.346	.150	.171	-1.033
70	260	-.291	.123	.139	-.771
70	261	-.175	.121	.243	-.620
70	262	-.006	.127	.421	-.407
70	263	.018	.136	.557	-.485
70	264	.171	.153	.784	-.271
70	265	.169	.150	.754	-.254
70	266	.207	.156	.748	-.252
70	267	.224	.172	.878	-.371
70	268	-.415	.173	.113	-1.150
70	269	-.374	.164	.174	-1.024
70	270	-.290	.143	.187	-.790
70	271	.168	.165	.914	-.361
70	272	.061	.135	.565	-.401
70	273	.147	.150	.709	-.343
70	274	.150	.148	.764	-.372
70	275	-.442	.169	.008	-1.292
70	276	-.435	.172	.036	-1.142
70	277	-.318	.141	.098	-.908
70	278	-.139	.131	.301	-.654
70	279	-.038	.124	.420	-.469
70	280	-.107	.137	.405	-.651
70	281	-.013	.123	.503	-.448
70	282	-.077	.126	.352	-.562
70	283	-.088	.128	.337	-.674
70	284	-.091	.128	.337	-.675
70	285	-.075	.137	.363	-.603
70	286	-.398	.173	.125	-1.107
70	287	-.491	.191	.181	-1.281
70	288	-.242	.126	.206	-.706
70	289	-.084	.134	.337	-.512
70	290	-.007	.138	.542	-.505
70	291	-.030	.132	.476	-.503
70	292	-.030	.132	.499	-.483
70	293	-.049	.133	.421	-.505
70	294	-.041	.114	.320	-.434
70	295	-.043	.112	.314	-.435
70	296	-.348	.153	.170	-.930
70	297	-.358	.169	.199	-1.036
70	298	-.140	.133	.333	-.627
70	299	-.039	.120	.378	-.461
70	300	-.002	.117	.388	-.392
70	301	-.021	.116	.362	-.405
70	302	-.023	.124	.435	-.477
70	303	-.024	.120	.402	-.447
70	304	-.017	.121	.421	-.448
70	401	-.384	.197	.217	-1.405
70	402	-.369	.186	.237	-1.226
70	403	-.374	.188	.242	-1.418
70	404	-.396	.182	.202	-1.189
70	405	-.426	.181	.278	-1.325
70	406	-.427	.177	.233	-1.296
70	407	-.337	.147	.102	-1.119
70	408	-.390	.133	.164	-.825
70	409	-.336	.138	.131	-.845
70	410	-.327	.130	.058	-.798
70	411	-.342	.131	.070	-.836
70	412	-.350	.131	.042	-.878
70	413	-.332	.138	.121	-.767
70	414	-.331	.135	.104	-.748
70	415	-.338	.135	.099	-.757
70	416	-.348	.133	.078	-.764
70	417	-.358	.127	.023	-.809
70	418	-.360	.126	.020	-.810
70	419	-.326	.130	.103	-.814
70	420	-.345	.125	.055	-.757
70	421	-.325	.105	-.000	-.656
70	422	-.317	.126	.159	-.751
70	423	-.318	.125	.194	-.739
70	424	-.325	.127	.144	-.796
70	425	-.338	.124	.065	-.731
70	426	-.340	.122	.076	-.727
70	427	-.342	.124	.102	-.749
70	428	-.342	.127	.111	-1.169
70	429	-.342	.121	.075	-.907
70	430	-.330	.124	.098	-.768
70	431	-.328	.122	.091	-.774
70	432	-.335	.130	.175	-.856
70	433	-.337	.130	.242	-.742
70	434	-.326	.122	.237	-.734
70	435	-.337	.123	.155	-.742
70	436	-.338	.123	.131	-.754
70	437	-.329	.136	.121	-.810
70	438	-.324	.140	.151	-1.013
70	439	-.323	.140	.159	-.900
70	440	-.326	.141	.158	-.815
70	441	-.359	.144	.093	-.950
70	442	-.334	.126	.102	-.816
70	443	-.384	.150	.050	-.909
70	444	-.375	.145	.069	-.874
70	445	-.380	.148	.029	-.901
70	446	-.380	.150	.017	-.908
70	447	-.389	.156	.079	-1.239
70	448	-.393	.156	.024	-.926

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	449	-.359	.150	.096	-1.658
70	450	-.348	.145	.112	-.902
70	451	-.352	.147	.098	-.954
70	452	-.387	.166	.090	-1.195
70	453	-.379	.154	.097	-.918
70	454	-.373	.155	.127	-1.078
70	455	-.375	.155	.147	-1.061
70	456	-.381	.155	.087	-.979
70	457	-.398	.166	.157	-1.123
70	458	-.401	.167	.155	-1.071
70	459	-.411	.173	.147	-1.060
70	460	-.402	.175	.135	-1.224
70	461	-.403	.149	.036	-1.082
70	462	-.398	.148	.033	-1.150
70	463	-.372	.179	.082	-1.071
70	464	-.414	.164	.058	-1.292
70	465	-.284	.209	.258	-1.668
70	466	-.301	.193	.395	-1.290
70	467	-.301	.167	.287	-.889
70	468	-.333	.175	.227	-1.378
70	469	-.341	.171	.139	-1.070
70	470	-.373	.169	.120	-1.289
70	471	-.393	.170	.092	-1.235
70	472	-.406	.173	.114	-1.151
70	473	-.424	.199	.163	-1.404
70	501	-.653	.208	-.018	-1.425
70	502	-.617	.218	.117	-1.522
70	503	-.510	.206	.176	-1.519
70	504	-.375	.165	.209	-1.259
70	505	-.378	.165	.197	-1.135
70	506	-.357	.163	.258	-.977
70	507	-.331	.160	.249	-1.066
70	508	-.337	.161	.152	-1.092
70	509	-.716	.253	-.076	-2.001
70	510	-.454	.178	.175	-1.250
70	511	-.380	.154	.128	-1.029
70	512	-.315	.143	.165	-1.073
70	513	-.797	.331	.054	-2.091
70	514	-.557	.245	.171	-1.633
70	515	-.555	.218	.095	-1.576
70	516	-.417	.171	.102	-.992
70	517	-.411	.166	.114	-.962
70	518	-.397	.162	.096	-1.112
70	519	-.398	.169	.114	-1.217
70	520	-.357	.143	.111	-1.007
70	521	-.375	.151	.108	-1.168
70	522	-.369	.162	.123	-1.145
70	523	-.383	.163	.117	-.989
70	524	-.344	.146	.176	-.842
70	525	-.328	.139	.198	-.808

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	526	-.307	.143	.255	-.829
70	527	-.310	.133	.203	-.874
70	528	-.326	.143	.135	-.976
70	529	-.345	.136	.107	-1.009
70	530	-.364	.156	.196	-1.047
70	531	-.345	.131	.093	-.890
70	532	-.309	.134	.106	-.823
70	533	-.413	.171	.158	-1.214
70	534	-.390	.150	.071	-1.179
70	535	-.341	.126	.110	-.877
70	536	-.465	.200	.116	-1.361
70	537	-.481	.199	.132	-1.241
70	538	-.332	.124	.114	-.788
70	539	-.335	.134	.126	-.777
70	540	-.327	.132	.117	-.759
70	541	-.322	.126	.065	-.796
70	542	-.320	.128	.096	-.859
70	543	-.321	.127	.107	-.775
70	544	-.312	.127	.143	-.808
70	545	-.321	.129	.073	-.926
70	546	-.323	.119	.114	-.694
70	547	-.317	.120	.119	-.718
70	548	-.296	.121	.040	-.744
70	549	-.318	.121	.092	-.734
70	550	-.298	.122	.064	-.750
70	551	-.292	.124	.052	-.788
70	552	-.306	.126	.097	-.848
70	553	-.307	.123	.093	-.838
70	554	-.308	.124	.141	-.775
70	555	-.306	.127	.187	-.797
70	556	-.321	.119	.112	-.885
70	557	-.318	.116	.063	-.719
70	558	-.310	.115	.076	-.716
70	559	-.316	.114	.081	-.714
70	560	-.331	.119	.061	-.794
70	561	-.331	.117	.056	-.803
70	562	-.328	.120	.118	-.822
70	563	-.341	.123	.131	-.836
70	564	-.309	.131	.121	-.884
70	565	-.319	.129	.087	-.931
70	566	-.306	.128	.095	-.798
70	567	-.335	.135	.166	-.900
70	568	-.324	.129	.159	-.797
70	569	-.334	.126	.096	-.799
70	570	-.327	.125	.116	-.771
70	571	-.330	.125	.129	-.751
70	572	-.329	.118	.056	-.742
70	573	-.323	.116	.086	-.709
70	574	-.323	.117	.049	-.729
70	575	-.335	.122	.139	-.797

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	576	-.338	.135	.107	-.801
70	577	-.345	.136	.025	-.832
70	578	-.362	.138	.018	-.878
70	579	-.353	.135	.024	-.836
70	580	-.353	.131	.179	-.736
70	581	-.359	.131	.116	-.823
70	582	-.368	.137	.043	-.828
70	583	-.379	.134	.092	-.889
70	584	-.382	.141	.067	-.907
70	585	-.369	.141	.049	-1.060
70	586	-.367	.140	.054	-.886
70	587	-.339	.135	.087	-.833
70	588	-.345	.130	.085	-.835
70	589	-.324	.130	.095	-.741
70	590	-.336	.132	.137	-.755
70	591	-.351	.137	.110	-.926
70	592	-.392	.145	.111	-.896
70	593	-.387	.145	.144	-.877
70	594	-.375	.145	.158	-.922
70	595	-.297	.147	.273	-.900
70	596	-.381	.142	.119	-1.017
70	597	-.347	.133	.111	-.853
70	598	-.309	.131	.153	-.809
70	599	-.303	.134	.147	-.843
70	600	-.270	.135	.176	-.776
70	601	-.259	.139	.225	-.811
70	602	-.267	.144	.191	-.728
70	603	-.344	.149	.182	-.937
70	604	-.232	.144	.299	-.780
70	605	-.138	.146	.469	-.565
70	606	-.064	.150	.486	-.512
70	607	-.228	.146	.269	-.770
70	608	-.234	.134	.211	-.654
70	609	-.244	.124	.226	-.647
70	610	-.256	.126	.153	-.652
70	611	-.258	.136	.198	-.776
70	612	-.251	.148	.232	-.691
70	613	-.251	.157	.278	-.919
70	701	-.022	.141	.474	-.539
70	702	.179	.161	.880	-.400
70	703	.130	.145	.629	-.409
70	704	-.033	.250	.807	-.883
70	705	.445	.199	1.378	-.154
70	706	.435	.191	1.134	-.314
70	707	.214	.151	.823	-.228
70	708	.013	.164	.664	-.612
70	709	-.237	.149	.254	-.801
70	710	-.004	.316	1.062	-1.338
70	711	.502	.209	1.493	-.226
70	712	.463	.202	1.243	-.188

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	713	-.317	.145	.167	-.957
70	714	-.465	.206	.231	-1.543
70	715	-.579	.276	.162	-1.833
70	716	-.590	.252	.127	-2.019
70	717	-.702	.356	.077	-2.285
70	718	-.689	.334	.363	-2.181
70	719	-.406	.207	.212	-1.352
70	720	-.520	.238	.270	-1.559
70	721	-.563	.270	.344	-1.672
70	722	-.633	.300	.355	-1.858
70	723	-.366	.211	.383	-1.276
70	724	-.447	.195	.133	-1.571
70	725	-.412	.168	.234	-1.291
70	726	-.424	.246	.438	-1.415
70	727	-.469	.266	.530	-1.625
70	728	-.547	.246	.231	-1.614
70	801	-.029	.126	.495	-.456
70	802	-.057	.147	.407	-.705
80	101	.345	.339	1.446	-1.055
80	102	.393	.291	1.295	-.863
80	103	.267	.207	.996	-.742
80	104	.047	.154	.590	-.656
80	105	-.096	.154	.500	-.623
80	106	.442	.304	1.393	-.801
80	107	-.111	.154	.500	-.840
80	108	.493	.283	1.421	-.761
80	109	.589	.273	1.461	-.242
80	110	.497	.214	1.099	-.229
80	111	.279	.167	.877	-.227
80	112	.170	.158	.744	-.351
80	113	.082	.154	.609	-.513
80	114	.003	.145	.576	-.511
80	115	-.087	.137	.414	-.643
80	116	-.240	.144	.223	-.824
80	117	.522	.265	1.340	-.621
80	118	-.256	.131	.225	-.772
80	119	.278	.181	.797	-.604
80	120	.065	.209	.761	-1.163
80	121	.092	.142	.563	-.519
80	122	-.079	.129	.353	-.500
80	123	-.218	.141	.213	-.785
80	124	.474	.229	1.397	-.397
80	125	.562	.223	1.302	-.264
80	126	.532	.187	1.145	-.003
80	127	.532	.187	1.168	-.148
80	128	-.194	.266	.727	-1.502
80	129	.039	.217	.649	-.847
80	130	.090	.146	.536	-.453
80	131	.014	.133	.506	-.538
80	132	-.072	.139	.474	-.540
80	133	-.131	.132	.383	-.559
80	134	.393	.223	1.167	-.313
80	135	-.169	.121	.258	-.539
80	136	.207	.202	1.155	-.414
80	137	.228	.214	1.253	-.441
80	138	.446	.229	1.340	-.193
80	139	.469	.226	1.381	-.125
80	140	.136	.286	1.005	-1.792
80	141	.086	.322	.925	-1.755
80	142	-.091	.304	.911	-1.417
80	143	-.176	.240	.553	-1.147
80	144	-.227	.188	.539	-1.107
80	145	-.188	.195	.385	-.885
80	146	-.087	.145	.358	-.594
80	147	-.105	.127	.336	-.507
80	148	-.163	.122	.281	-.595
80	149	-.207	.130	.299	-.632
80	150	.111	.167	.657	-.407
80	151	-.218	.129	.274	-.619
80	152	.174	.141	.785	-.270
80	153	.134	.160	.834	-.415
80	154	.125	.151	.826	-.391
80	155	.095	.143	.743	-.367
80	156	.049	.137	.591	-.399
80	157	.014	.128	.447	-.528
80	158	-.009	.123	.416	-.488
80	159	-.045	.123	.420	-.515
80	160	-.102	.123	.403	-.605
80	161	-.176	.111	.152	-.587
80	162	-.229	.111	.116	-.716
80	163	.116	.161	.963	-.543
80	164	-.250	.115	.113	-.632
80	165	.053	.147	.666	-.411
80	166	.108	.153	.802	-.397
80	167	.126	.157	.853	-.373
80	168	.136	.153	.752	-.366
80	169	.108	.134	.677	-.327
80	170	.063	.126	.635	-.354
80	171	.062	.127	.704	-.362
80	172	.023	.125	.571	-.400
80	173	-.052	.122	.429	-.437
80	174	-.086	.117	.359	-.481
80	175	-.169	.115	.198	-.575
80	176	-.051	.108	.325	-.461
80	201	-.406	.150	.183	-1.243
80	202	-.428	.145	.108	-.917
80	203	-.421	.187	.339	-1.366
80	204	-.402	.194	.462	-1.336
80	205	-.382	.179	.197	-1.052
80	206	-.121	.313	1.046	-1.591
80	207	-.190	.425	.808	-1.920
80	208	-.402	.139	.087	-1.133
80	209	-.368	.138	.096	-.962
80	210	-.204	.149	.423	-.828
80	211	-.128	.494	1.092	-2.007
80	212	-.395	.119	.085	-.826
80	213	-.357	.118	.133	-.775
80	214	-.150	.126	.340	-.625
80	215	-.165	.147	.359	-.630
80	216	-.147	.202	.540	-.928
80	217	.020	.314	.908	-1.568
80	218	-.097	.471	1.076	-2.565
80	219	-.375	.124	.066	-1.050
80	220	-.358	.117	.068	-.786
80	221	-.132	.136	.329	-.685
80	222	-.093	.449	1.352	-2.294
80	223	-.327	.138	.127	-1.743
80	224	-.327	.133	.112	-1.171
80	225	-.029	.135	.506	-.545
80	226	-.044	.148	.615	-.603
80	227	.020	.174	.593	-.726
80	228	.111	.269	.820	-1.381
80	229	-.011	.368	.978	-1.857
80	230	.563	.224	1.298	-.198
80	231	.542	.224	1.279	-.215
80	232	.491	.237	1.328	-.354
80	233	.423	.237	1.291	-.380
80	234	-.348	.132	.077	-.935
80	235	-.321	.127	.130	-.911
80	236	-.040	.120	.389	-.451
80	237	.219	.205	1.143	-.436
80	238	.023	.233	1.018	-.995
80	239	.499	.216	1.563	-.113
80	240	.445	.206	1.382	-.231
80	241	-.174	.194	.427	-1.065
80	242	-.370	.151	.199	-1.092
80	243	-.363	.163	.191	-1.166
80	244	-.173	.136	.425	-.751
80	245	-.110	.139	.489	-.699
80	246	.017	.158	.654	-.512
80	247	.059	.184	.907	-.607
80	248	.016	.210	.895	-1.041
80	249	.094	.200	.916	-.539
80	250	.110	.239	1.082	-.843
80	251	.146	.263	1.126	-.900
80	252	.151	.316	1.094	-1.334
80	253	.041	.190	.696	-.610
80	254	-.405	.185	.132	-1.626
80	255	-.389	.159	.151	-1.174
80	256	-.181	.131	.234	-.785

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	257	-.188	.178	.896	-.486
80	258	-.437	.195	.110	-1.763
80	259	-.418	.184	.122	-1.904
80	260	-.271	.151	.182	-.953
80	261	-.162	.141	.307	-.644
80	262	-.024	.130	.431	-.551
80	263	.021	.133	.560	-.571
80	264	.106	.135	.766	-.462
80	265	.102	.135	.639	-.492
80	266	.121	.130	.651	-.468
80	267	.145	.134	.698	-.434
80	268	-.455	.204	.134	-1.300
80	269	-.478	.214	.200	-1.525
80	270	-.291	.154	.213	-.838
80	271	.091	.158	.659	-.494
80	272	.019	.131	.481	-.411
80	273	.066	.139	.539	-.377
80	274	.061	.151	.561	-.554
80	275	-.437	.206	.193	-1.242
80	276	-.524	.231	.126	-1.552
80	277	-.329	.168	.168	-.912
80	278	-.144	.137	.331	-.716
80	279	-.060	.124	.395	-.464
80	280	-.093	.129	.402	-.589
80	281	-.032	.119	.397	-.420
80	282	-.087	.126	.306	-.526
80	283	-.092	.124	.303	-.588
80	284	-.088	.126	.306	-.528
80	285	-.064	.130	.344	-.505
80	286	-.314	.169	.204	-1.055
80	287	-.457	.192	.122	-1.178
80	288	-.222	.134	.183	-.705
80	289	-.104	.136	.394	-.573
80	290	-.035	.131	.561	-.487
80	291	-.063	.126	.474	-.515
80	292	-.055	.126	.468	-.516
80	293	-.082	.126	.445	-.531
80	294	-.058	.127	.328	-.489
80	295	-.062	.125	.323	-.477
80	296	-.302	.160	.147	-.889
80	297	-.367	.171	.183	-1.085
80	298	-.156	.140	.349	-.659
80	299	-.064	.131	.353	-.482
80	300	-.021	.130	.458	-.451
80	301	-.052	.127	.348	-.452
80	302	-.052	.113	.385	-.415
80	303	-.053	.111	.337	-.450
80	304	-.040	.111	.358	-.411
80	401	-.384	.202	.229	-1.411
80	402	-.371	.191	.231	-1.380
80	403	-.380	.185	.233	-1.407
80	404	-.401	.175	.132	-1.159
80	405	-.417	.173	.083	-1.212
80	406	-.423	.166	.066	-1.197
80	407	-.325	.153	.207	-1.001
80	408	-.380	.134	.068	-.965
80	409	-.355	.164	.106	-1.226
80	410	-.335	.149	.104	-1.166
80	411	-.336	.142	.081	-.921
80	412	-.343	.142	.090	-1.016
80	413	-.311	.135	.100	-.864
80	414	-.314	.132	.057	-.813
80	415	-.321	.133	.041	-.797
80	416	-.329	.133	.069	-.796
80	417	-.368	.130	.231	-.965
80	418	-.374	.130	.255	-.928
80	419	-.338	.141	.207	-.900
80	420	-.353	.127	.254	-.727
80	421	-.338	.116	.009	-.681
80	422	-.330	.136	.113	-.806
80	423	-.312	.129	.100	-.782
80	424	-.317	.129	.068	-.793
80	425	-.327	.121	.082	-.790
80	426	-.335	.121	.111	-.784
80	427	-.332	.123	.119	-.754
80	428	-.329	.123	.137	-.766
80	429	-.342	.128	.067	-.942
80	430	-.343	.133	.113	-.807
80	431	-.335	.127	.118	-.727
80	432	-.349	.135	.114	-.917
80	433	-.362	.145	.128	-.981
80	434	-.356	.136	.070	-.982
80	435	-.362	.138	.053	-1.064
80	436	-.372	.143	.046	-1.124
80	437	-.383	.141	.077	-.951
80	438	-.365	.144	.088	-.930
80	439	-.356	.146	.106	-.910
80	440	-.360	.147	.100	-1.038
80	441	-.367	.154	.095	-.882
80	442	-.412	.167	.069	-1.100
80	443	-.359	.154	.094	-.918
80	444	-.352	.152	.118	-.923
80	445	-.367	.143	.198	-.877
80	446	-.389	.145	.038	-.974
80	447	-.407	.155	.052	-1.053
80	448	-.424	.163	.079	-1.217
80	449	-.432	.177	.047	-1.307
80	450	-.430	.184	.045	-1.648
80	451	-.431	.189	.068	-1.518
80	452	-.354	.152	.099	-.968
80	453	-.458	.204	.212	-1.563
80	454	-.296	.165	.158	-1.262
80	455	-.287	.164	.192	-1.296
80	456	-.298	.153	.311	-.803
80	457	-.343	.165	.152	-.928
80	458	-.380	.169	.124	-1.119
80	459	-.396	.176	.079	-1.075
80	460	-.408	.180	.158	-1.644
80	461	-.422	.182	.090	-1.156
80	462	-.435	.181	.060	-1.162
80	463	-.261	.183	.212	-.985
80	464	-.342	.175	.203	-1.074
80	465	-.229	.210	.260	-1.370
80	466	-.239	.202	.236	-1.786
80	467	-.235	.169	.242	-1.117
80	468	-.266	.160	.192	-.857
80	469	-.293	.170	.205	-1.096
80	470	-.341	.171	.118	-1.430
80	471	-.335	.160	.109	-.974
80	472	-.327	.156	.124	-.942
80	473	-.320	.174	.188	-.907
80	501	-.604	.227	.122	-1.449
80	502	-.586	.243	.166	-1.773
80	503	-.465	.212	.233	-1.471
80	504	-.361	.178	.253	-1.163
80	505	-.361	.177	.277	-1.018
80	506	-.336	.176	.306	-1.089
80	507	-.303	.170	.292	-1.059
80	508	-.305	.168	.246	-.991
80	509	-.714	.235	-.094	-1.598
80	510	-.436	.180	.220	-1.235
80	511	-.355	.156	.173	-1.053
80	512	-.288	.139	.145	-.791
80	513	-.753	.315	.167	-2.047
80	514	-.496	.239	.188	-1.716
80	515	-.511	.212	.099	-1.593
80	516	-.373	.163	.135	-1.048
80	517	-.372	.159	.122	-1.066
80	518	-.360	.154	.162	-1.014
80	519	-.353	.155	.140	-1.032
80	520	-.317	.129	.108	-.780
80	521	-.345	.152	.062	-1.190
80	522	-.347	.162	.094	-1.203
80	523	-.364	.164	.140	-1.392
80	524	-.310	.179	.219	-1.101
80	525	-.292	.168	.188	-1.005
80	526	-.275	.151	.250	-.888
80	527	-.255	.152	.203	-1.007
80	528	-.280	.145	.181	-.785
80	529	-.372	.184	.106	-1.138

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	530	-.396	.190	.095	-1.272
80	531	-.345	.163	.144	-1.186
80	532	-.288	.142	.186	-.765
80	533	-.473	.217	.170	-1.540
80	534	-.412	.198	.068	-1.170
80	535	-.325	.135	.160	-.948
80	536	-.519	.251	.052	-1.387
80	537	-.542	.249	.039	-1.358
80	538	-.291	.136	.220	-.744
80	539	-.268	.134	.154	-.718
80	540	-.271	.132	.148	-.708
80	541	-.237	.108	.144	-.577
80	542	-.238	.111	.143	-.607
80	543	-.227	.109	.171	-.630
80	544	-.217	.127	.167	-.657
80	545	-.260	.140	.177	-.784
80	546	-.275	.134	.179	-.726
80	547	-.268	.135	.179	-.727
80	548	-.264	.117	.162	-.697
80	549	-.282	.136	.164	-.745
80	550	-.299	.121	.098	-.698
80	551	-.241	.117	.160	-.637
80	552	-.234	.124	.236	-.700
80	553	-.239	.122	.204	-.677
80	554	-.282	.120	.171	-.757
80	555	-.240	.125	.134	-.757
80	556	-.266	.118	.125	-.890
80	557	-.268	.115	.134	-.729
80	558	-.263	.115	.151	-.704
80	559	-.263	.112	.148	-.628
80	560	-.264	.112	.200	-.632
80	561	-.279	.110	.162	-.595
80	562	-.296	.116	.071	-.692
80	563	-.308	.122	.072	-.739
80	564	-.270	.118	.131	-.760
80	565	-.283	.116	.079	-.674
80	566	-.277	.115	.094	-.656
80	567	-.317	.119	.176	-.725
80	568	-.291	.127	.111	-.806
80	569	-.296	.124	.115	-.793
80	570	-.295	.124	.119	-.753
80	571	-.293	.124	.128	-.715
80	572	-.287	.125	.141	-.687
80	573	-.285	.122	.134	-.696
80	574	-.290	.123	.119	-.678
80	575	-.305	.128	.104	-.748
80	576	-.313	.129	.169	-.723
80	577	-.329	.136	.067	-.901
80	578	-.342	.141	.048	-.991
80	579	-.332	.138	.054	-.972
80	580	-.308	.129	.046	-.823
80	581	-.321	.128	.057	-.800
80	582	-.305	.150	.164	-.839
80	583	-.341	.131	.035	-.852
80	584	-.360	.138	.088	-.843
80	585	-.357	.136	.082	-.923
80	586	-.349	.137	.085	-.921
80	587	-.314	.130	.107	-.824
80	588	-.306	.132	.102	-.748
80	589	-.284	.130	.172	-.703
80	590	-.279	.135	.130	-.684
80	591	-.289	.141	.121	-.763
80	592	-.377	.131	.010	-.900
80	593	-.381	.130	-.008	-.908
80	594	-.350	.130	.131	-.843
80	595	-.254	.138	.314	-.755
80	596	-.314	.148	.267	-.915
80	597	-.296	.138	.274	-.795
80	598	-.260	.136	.259	-.687
80	599	-.251	.139	.311	-.693
80	600	-.221	.123	.176	-.677
80	601	-.215	.130	.172	-.709
80	602	-.218	.141	.163	-.757
80	603	-.286	.134	.350	-.765
80	604	-.178	.125	.263	-.706
80	605	-.128	.124	.317	-.582
80	606	-.072	.130	.484	-.558
80	607	-.171	.125	.307	-.653
80	608	-.178	.122	.287	-.572
80	609	-.194	.115	.265	-.608
80	610	-.193	.120	.278	-.579
80	611	-.191	.154	.303	-.682
80	612	-.180	.138	.307	-.625
80	613	-.200	.180	.305	-.880
80	701	-.045	.135	.399	-.561
80	702	.098	.139	.605	-.359
80	703	.036	.128	.490	-.388
80	704	-.051	.234	.984	-.896
80	705	.445	.244	1.339	-.219
80	706	.417	.235	1.302	-.185
80	707	.115	.192	.806	-.529
80	708	.047	.206	.793	-.657
80	709	-.237	.142	.209	-.764
80	710	.006	.284	1.025	-.837
80	711	.499	.213	1.750	-.024
80	712	.435	.213	1.261	-.436
80	713	-.312	.161	.265	-.928
80	714	-.416	.221	.258	-1.468
80	715	-.476	.253	.346	-2.236
80	716	-.570	.271	.358	-1.903
80	717	-.706	.331	.137	-1.999
80	718	-.663	.327	.319	-2.028
80	719	-.390	.205	.398	-1.560
80	720	-.521	.258	.637	-1.726
80	721	-.551	.283	.362	-1.741
80	722	-.562	.268	.292	-1.744
80	723	-.359	.189	.385	-1.187
80	724	-.406	.172	.126	-1.261
80	725	-.368	.166	.072	-1.073
80	726	-.374	.253	.410	-1.474
80	727	-.417	.251	.353	-1.520
80	728	-.554	.262	.408	-1.785
80	801	-.037	.115	.343	-.401
80	802	-.064	.112	.295	-.427
90	101	.033	.269	1.164	-.937
90	102	.060	.247	1.134	-.903
90	103	.006	.212	.946	-.684
90	104	-.081	.177	.548	-.729
90	105	-.135	.161	.443	-.701
90	106	.099	.265	1.093	-1.033
90	107	-.120	.154	.466	-.738
90	108	.139	.261	1.209	-1.060
90	109	.186	.266	1.335	-.642
90	110	.176	.217	1.011	-.461
90	111	.047	.189	.679	-.604
90	112	.027	.175	.632	-.602
90	113	-.025	.176	.683	-.537
90	114	-.056	.168	.614	-.589
90	115	-.118	.160	.498	-.647
90	116	-.217	.143	.296	-.755
90	117	.177	.265	1.196	-.684
90	118	-.221	.145	.244	-.747
90	119	.055	.218	.777	-.598
90	120	-.094	.265	.698	-1.030
90	121	-.051	.172	.548	-.784
90	122	-.126	.138	.411	-.697
90	123	-.226	.132	.286	-.862
90	124	.147	.237	1.064	-.614
90	125	.207	.239	1.047	-.496
90	126	.205	.207	1.016	-.420
90	127	.198	.210	.947	-.374
90	128	-.182	.256	.903	-1.315
90	129	-.066	.204	.655	-1.482
90	130	-.036	.156	.552	-.513
90	131	-.066	.138	.467	-.511
90	132	-.097	.139	.388	-.637
90	133	-.119	.129	.329	-.617
90	134	.124	.216	1.219	-.544
90	135	-.175	.117	.195	-.615
90	136	.072	.186	1.093	-.502

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	137	.084	.184	1.011	-.438
90	138	.196	.198	1.008	-.453
90	139	.232	.200	1.174	-.302
90	140	.065	.205	.915	-1.097
90	141	.055	.207	.808	-1.065
90	142	-.009	.204	.672	-1.252
90	143	-.095	.217	.551	-.969
90	144	-.127	.168	.436	-.955
90	145	-.130	.168	.398	-1.009
90	146	-.098	.130	.362	-.673
90	147	-.117	.118	.355	-.536
90	148	-.154	.115	.268	-.542
90	149	-.172	.125	.306	-.541
90	150	.017	.157	.674	-.685
90	151	-.175	.123	.220	-.578
90	152	.099	.126	.884	-.295
90	153	.007	.154	.638	-.583
90	154	.008	.142	.634	-.507
90	155	-.014	.133	.509	-.456
90	156	-.038	.128	.439	-.423
90	157	-.064	.122	.305	-.471
90	158	-.074	.119	.284	-.477
90	159	-.100	.119	.281	-.546
90	160	-.124	.116	.273	-.577
90	161	-.138	.128	.263	-.510
90	162	-.166	.127	.240	-.546
90	163	-.063	.163	.489	-.600
90	164	-.188	.133	.243	-.629
90	165	-.049	.127	.413	-.545
90	166	-.059	.130	.425	-.504
90	167	-.051	.131	.413	-.502
90	168	-.033	.128	.440	-.472
90	169	-.049	.123	.375	-.428
90	170	-.064	.119	.309	-.434
90	171	-.067	.121	.312	-.452
90	172	-.078	.121	.311	-.468
90	173	-.097	.117	.275	-.442
90	174	-.108	.114	.246	-.464
90	175	-.148	.115	.197	-.529
90	176	-.064	.119	.331	-.411
90	201	-.385	.211	.388	-1.458
90	202	-.393	.204	.473	-1.577
90	203	-.332	.187	.419	-1.132
90	204	-.310	.181	.369	-1.139
90	205	-.294	.163	.389	-.901
90	206	-.179	.250	1.321	-1.189
90	207	-.247	.276	.702	-1.577
90	208	-.412	.221	.394	-2.077
90	209	-.402	.221	.554	-2.044
90	210	-.208	.149	.375	-.777

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	211	-.164	.314	.995	-1.597
90	212	-.420	.232	.498	-1.743
90	213	-.403	.232	.699	-1.563
90	214	-.177	.158	.372	-.987
90	215	-.181	.161	.535	-.879
90	216	-.150	.184	.574	-.738
90	217	-.122	.271	1.332	-1.399
90	218	-.174	.367	1.412	-1.970
90	219	-.399	.222	.290	-1.604
90	220	-.384	.205	.688	-1.513
90	221	-.168	.153	.451	-1.023
90	222	-.140	.338	.870	-1.451
90	223	-.399	.235	.363	-1.905
90	224	-.415	.230	.363	-2.265
90	225	-.115	.148	.452	-.910
90	226	-.112	.149	.523	-.568
90	227	-.071	.176	.883	-.873
90	228	-.019	.244	.997	-1.633
90	229	-.083	.320	1.112	-1.745
90	230	.265	.238	1.121	-.404
90	231	.226	.234	1.065	-.473
90	232	.202	.239	1.062	-.716
90	233	.173	.242	1.087	-.609
90	234	-.424	.259	.268	-2.187
90	235	-.447	.257	.404	-2.178
90	236	-.115	.141	.504	-.743
90	237	.094	.206	.920	-.551
90	238	-.043	.231	.965	-1.160
90	239	.254	.207	1.285	-.339
90	240	.238	.198	1.218	-.325
90	241	-.107	.177	.579	-.885
90	242	-.412	.243	.342	-1.832
90	243	-.468	.264	.549	-2.756
90	244	-.206	.170	.350	-1.116
90	245	-.145	.155	.415	-.724
90	246	-.064	.142	.548	-.574
90	247	-.038	.159	.590	-.931
90	248	-.042	.195	.776	-1.248
90	249	.028	.165	.725	-.645
90	250	.050	.192	.783	-1.050
90	251	.065	.199	.931	-.991
90	252	.081	.224	1.092	-1.278
90	253	-.025	.164	.684	-.822
90	254	-.393	.217	.478	-1.371
90	255	-.449	.236	.482	-2.076
90	256	-.199	.131	.377	-.727
90	257	.094	.174	.962	-.538
90	258	-.376	.210	.485	-1.385
90	259	-.450	.240	.575	-1.839
90	260	-.237	.166	.399	-.975

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	261	-.147	.143	.379	-.666
90	262	-.046	.138	.491	-.774
90	263	-.033	.145	.490	-.812
90	264	.043	.141	.651	-.408
90	265	.040	.142	.565	-.389
90	266	.046	.135	.598	-.382
90	267	.040	.140	.600	-.393
90	268	-.320	.190	.224	-1.437
90	269	-.426	.237	.370	-1.388
90	270	-.209	.170	.397	-.962
90	271	.016	.142	.584	-.511
90	272	-.009	.125	.500	-.414
90	273	.004	.131	.549	-.425
90	274	-.028	.130	.508	-.528
90	275	-.274	.162	.350	-1.116
90	276	-.338	.232	.452	-1.446
90	277	-.191	.154	.387	-1.023
90	278	-.076	.132	.348	-.760
90	279	-.040	.123	.382	-.623
90	280	-.050	.123	.335	-.568
90	281	-.022	.117	.360	-.504
90	282	-.099	.133	.312	-.541
90	283	-.102	.128	.287	-.576
90	284	-.099	.129	.271	-.678
90	285	-.057	.119	.424	-.422
90	286	-.233	.148	.333	-.874
90	287	-.278	.186	.407	-1.122
90	288	-.138	.119	.177	-.751
90	289	-.085	.126	.290	-.972
90	290	-.060	.127	.436	-.486
90	291	-.088	.120	.254	-.516
90	292	-.074	.121	.260	-.483
90	293	-.091	.122	.253	-.542
90	294	-.067	.118	.362	-.425
90	295	-.078	.116	.350	-.439
90	296	-.204	.136	.360	-.676
90	297	-.228	.156	.443	-.727
90	298	-.094	.117	.294	-.473
90	299	-.054	.115	.338	-.432
90	300	-.035	.116	.424	-.479
90	301	-.058	.111	.314	-.463
90	302	-.064	.126	.364	-.480
90	303	-.066	.123	.359	-.467
90	304	-.051	.124	.378	-.472
90	401	-.331	.167	.148	-1.254
90	402	-.319	.159	.161	-1.084
90	403	-.339	.162	.170	-1.036
90	404	-.363	.169	.193	-1.240
90	405	-.385	.195	.191	-1.354
90	406	-.389	.194	.215	-1.372

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	407	-.295	.152	.199	-.989
90	408	-.384	.205	.298	-1.495
90	409	-.267	.140	.177	-.727
90	410	-.252	.133	.162	-.686
90	411	-.262	.134	.196	-.704
90	412	-.271	.136	.185	-.870
90	413	-.280	.136	.187	-.734
90	414	-.279	.134	.236	-.751
90	415	-.299	.144	.176	-.917
90	416	-.329	.163	.211	-1.135
90	417	-.371	.181	.208	-1.374
90	418	-.391	.196	.212	-1.530
90	419	-.277	.144	.201	-.831
90	420	-.393	.201	.267	-1.678
90	421	-.252	.114	.073	-.674
90	422	-.249	.137	.179	-.806
90	423	-.255	.138	.184	-.801
90	424	-.268	.144	.156	-.749
90	425	-.284	.142	.275	-.728
90	426	-.305	.151	.180	-.817
90	427	-.342	.177	.244	-1.664
90	428	-.365	.194	.214	-1.516
90	429	-.390	.215	.176	-1.582
90	430	-.239	.136	.201	-.746
90	431	-.409	.223	.255	-1.643
90	432	-.235	.135	.193	-.724
90	433	-.257	.139	.269	-.932
90	434	-.266	.135	.161	-1.174
90	435	-.289	.143	.176	-.833
90	436	-.308	.151	.185	-.910
90	437	-.337	.168	.202	-1.122
90	438	-.376	.171	.090	-1.171
90	439	-.408	.192	.150	-1.351
90	440	-.433	.205	.184	-1.376
90	441	-.236	.129	.253	-.894
90	442	-.433	.207	.264	-1.806
90	443	-.237	.128	.279	-.939
90	444	-.229	.127	.281	-.868
90	445	-.246	.135	.222	-.763
90	446	-.261	.137	.192	-.731
90	447	-.282	.145	.203	-.909
90	448	-.313	.158	.235	-.904
90	449	-.345	.174	.307	-1.073
90	450	-.396	.194	.289	-1.289
90	451	-.430	.208	.227	-1.410
90	452	-.218	.131	.207	-.691
90	453	-.425	.188	.134	-1.415
90	454	-.214	.125	.146	-.734
90	455	-.212	.125	.170	-.740
90	456	-.214	.125	.208	-.689

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	457	-.243	.131	.281	-.698
90	458	-.259	.133	.312	-.771
90	459	-.286	.145	.215	-.873
90	460	-.324	.163	.181	-1.116
90	461	-.343	.180	.127	-1.146
90	462	-.358	.181	.126	-1.430
90	463	-.197	.148	.314	-1.151
90	464	-.323	.196	.221	-1.185
90	465	-.167	.144	.225	-.741
90	466	-.181	.136	.246	-.783
90	467	-.189	.131	.247	-.723
90	468	-.203	.133	.219	-1.085
90	469	-.196	.132	.242	-.668
90	470	-.212	.137	.212	-.829
90	471	-.235	.158	.207	-1.019
90	472	-.250	.168	.225	-1.093
90	473	-.277	.177	.198	-1.043
90	501	-.416	.212	.191	-1.432
90	502	-.395	.217	.255	-1.531
90	503	-.335	.186	.200	-1.248
90	504	-.298	.165	.164	-.935
90	505	-.294	.157	.172	-.870
90	506	-.284	.151	.186	-.927
90	507	-.285	.147	.152	-.911
90	508	-.321	.154	.190	-1.010
90	509	-.487	.233	.065	-1.848
90	510	-.358	.174	.149	-1.166
90	511	-.313	.152	.187	-1.071
90	512	-.277	.141	.236	-.814
90	513	-.409	.228	.291	-1.502
90	514	-.337	.188	.243	-1.682
90	515	-.373	.182	.194	-1.170
90	516	-.300	.149	.292	-.871
90	517	-.294	.144	.254	-.791
90	518	-.293	.142	.210	-.760
90	519	-.305	.146	.171	-.863
90	520	-.302	.132	.171	-.697
90	521	-.342	.157	.115	-.987
90	522	-.324	.161	.150	-1.032
90	523	-.326	.156	.194	-1.092
90	524	-.264	.157	.259	-.928
90	525	-.245	.145	.251	-.861
90	526	-.237	.132	.263	-.709
90	527	-.219	.133	.235	-.693
90	528	-.239	.129	.303	-.717
90	529	-.356	.165	.106	-1.007
90	530	-.315	.163	.199	-1.029
90	531	-.311	.149	.085	-1.053
90	532	-.232	.131	.280	-.729
90	533	-.415	.197	.188	-1.216

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	534	-.343	.158	.119	-1.151
90	535	-.280	.145	.238	-.868
90	536	-.466	.239	.104	-1.512
90	537	-.428	.206	.150	-1.300
90	538	-.251	.129	.181	-.637
90	539	-.222	.119	.223	-.622
90	540	-.225	.118	.216	-.591
90	541	-.221	.122	.232	-1.040
90	542	-.213	.124	.280	-.814
90	543	-.207	.121	.254	-.744
90	544	-.200	.125	.181	-.757
90	545	-.211	.114	.205	-.585
90	546	-.238	.110	.159	-.611
90	547	-.228	.111	.184	-.610
90	548	-.214	.119	.141	-.584
90	549	-.239	.113	.171	-.626
90	550	-.227	.122	.131	-.661
90	551	-.197	.119	.171	-.581
90	552	-.207	.129	.247	-.669
90	553	-.210	.124	.192	-.654
90	554	-.232	.130	.200	-.663
90	555	-.204	.128	.189	-.679
90	556	-.199	.135	.348	-.695
90	557	-.201	.132	.318	-.654
90	558	-.189	.132	.338	-.628
90	559	-.191	.129	.357	-.613
90	560	-.224	.113	.195	-.597
90	561	-.238	.111	.200	-.603
90	562	-.235	.117	.259	-.617
90	563	-.246	.122	.197	-.693
90	564	-.201	.112	.119	-.740
90	565	-.217	.110	.136	-.741
90	566	-.198	.110	.171	-.746
90	567	-.224	.116	.138	-.860
90	568	-.232	.126	.197	-.671
90	569	-.232	.123	.171	-.691
90	570	-.232	.124	.192	-.640
90	571	-.232	.123	.192	-.633
90	572	-.203	.125	.236	-.607
90	573	-.200	.123	.240	-.600
90	574	-.203	.125	.251	-.608
90	575	-.213	.126	.221	-.611
90	576	-.238	.130	.203	-.711
90	577	-.242	.127	.189	-.666
90	578	-.249	.130	.174	-.684
90	579	-.243	.130	.181	-.673
90	580	-.207	.122	.192	-.690
90	581	-.222	.114	.175	-.558
90	582	-.229	.126	.199	-.678
90	583	-.227	.118	.160	-.570

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	584	-.237	.131	.178	-.665
90	585	-.239	.130	.172	-.654
90	586	-.232	.131	.172	-.665
90	587	-.209	.131	.185	-.680
90	588	-.220	.112	.129	-.637
90	589	-.212	.111	.139	-.627
90	590	-.207	.114	.210	-.672
90	591	-.212	.116	.209	-.738
90	592	-.240	.127	.217	-.711
90	593	-.245	.126	.202	-.723
90	594	-.225	.126	.230	-.681
90	595	-.171	.124	.280	-.591
90	596	-.216	.124	.160	-.720
90	597	-.213	.119	.154	-.663
90	598	-.190	.119	.154	-.640
90	599	-.188	.121	.176	-.655
90	600	-.169	.123	.189	-.533
90	601	-.174	.124	.208	-.559
90	602	-.170	.128	.230	-.586
90	603	-.206	.122	.150	-.594
90	604	-.169	.120	.213	-.567
90	605	-.161	.120	.304	-.565
90	606	-.127	.120	.356	-.534
90	607	-.159	.116	.260	-.547
90	608	-.153	.117	.257	-.580
90	609	-.159	.114	.241	-.568
90	610	-.153	.115	.228	-.568
90	611	-.170	.122	.235	-.664
90	612	-.147	.115	.250	-.603
90	613	-.165	.129	.245	-.693
90	701	-.083	.119	.319	-.519
90	702	-.023	.118	.465	-.435
90	703	-.047	.120	.339	-.504
90	704	-.175	.242	.715	-.986
90	705	.244	.199	1.235	-.350
90	706	.191	.178	1.052	-.288
90	707	.034	.137	.551	-.396
90	708	-.056	.157	.617	-.537
90	709	-.187	.143	.371	-.717
90	710	-.152	.282	.850	-1.301
90	711	.276	.215	1.578	-.362
90	712	.198	.197	1.054	-.341
90	713	-.233	.157	.273	-.883
90	714	-.313	.195	.278	-1.436
90	715	-.335	.208	.283	-1.582
90	716	-.413	.273	.302	-2.220
90	717	-.427	.256	.263	-1.879
90	718	-.426	.239	.243	-1.698
90	719	-.286	.182	.329	-1.363
90	720	-.367	.227	.287	-1.447
90	721	-.416	.237	.283	-1.450
90	722	-.428	.207	.328	-1.688
90	723	-.281	.166	.299	-1.070
90	724	-.306	.156	.205	-.979
90	725	-.282	.147	.234	-.974
90	726	-.332	.191	.266	-1.206
90	727	-.371	.200	.211	-1.356
90	728	-.422	.252	.314	-1.648
90	801	-.059	.119	.388	-.495
90	802	-.074	.115	.330	-.448
100	101	-.131	.245	.941	-1.032
100	102	-.085	.229	.852	-1.082
100	103	-.096	.201	.767	-.969
100	104	-.160	.175	.647	-1.218
100	105	-.193	.158	.424	-.848
100	106	-.070	.256	.996	-.890
100	107	-.151	.149	.374	-.809
100	108	-.045	.255	1.148	-.887
100	109	.013	.247	.974	-.743
100	110	.048	.201	.708	-.778
100	111	-.025	.172	.624	-.627
100	112	-.052	.157	.503	-.681
100	113	-.058	.162	.715	-.585
100	114	-.081	.151	.526	-.541
100	115	-.128	.145	.384	-.625
100	116	-.245	.149	.476	-.854
100	117	-.051	.249	.849	-1.088
100	118	-.208	.153	.450	-.771
100	119	-.044	.189	.698	-.749
100	120	-.153	.208	.549	-.913
100	121	-.079	.151	.503	-.546
100	122	-.140	.131	.385	-.588
100	123	-.208	.135	.324	-.780
100	124	-.078	.232	.823	-.751
100	125	.007	.224	.787	-.733
100	126	.069	.200	.804	-.640
100	127	.069	.189	.731	-.692
100	128	-.112	.198	.666	-1.070
100	129	-.092	.171	.642	-.833
100	130	-.078	.140	.572	-.668
100	131	-.098	.126	.444	-.515
100	132	-.128	.131	.421	-.582
100	133	-.149	.127	.262	-.569
100	134	-.078	.202	.923	-.756
100	135	-.157	.117	.244	-.520
100	136	-.083	.172	.679	-.843
100	137	-.075	.175	.642	-.772
100	138	.047	.199	.774	-.748
100	139	.098	.205	.961	-.638
100	140	.016	.210	.904	-.736
100	141	.014	.202	.910	-1.207
100	142	-.011	.179	.722	-.766
100	143	-.029	.168	.587	-.824
100	144	-.073	.152	.573	-.779
100	145	-.045	.143	.536	-.543
100	146	-.051	.127	.481	-.478
100	147	-.082	.120	.400	-.465
100	148	-.116	.115	.286	-.502
100	149	-.155	.124	.229	-.509
100	150	-.008	.208	.830	-.750
100	151	-.158	.122	.222	-.561
100	152	.029	.172	.580	-.505
100	153	.017	.199	1.055	-.966
100	154	.022	.184	.991	-.892
100	155	.002	.155	.673	-.816
100	156	-.025	.135	.441	-.635
100	157	-.034	.121	.419	-.453
100	158	-.043	.115	.438	-.423
100	159	-.065	.112	.366	-.439
100	160	-.088	.108	.307	-.458
100	161	-.111	.111	.316	-.416
100	162	-.131	.111	.293	-.438
100	163	-.028	.186	.699	-.632
100	164	-.141	.111	.278	-.455
100	165	-.086	.135	.360	-.607
100	166	-.071	.148	.524	-.759
100	167	-.056	.150	.541	-.738
100	168	-.033	.147	.475	-.761
100	169	-.047	.130	.363	-.475
100	170	-.055	.120	.347	-.426
100	171	-.058	.121	.348	-.425
100	172	-.068	.116	.349	-.451
100	173	-.078	.117	.313	-.458
100	174	-.085	.114	.280	-.535
100	175	-.112	.116	.278	-.565
100	176	-.106	.149	.346	-.660
100	201	-.460	.260	.576	-1.567
100	202	-.453	.252	.642	-2.089
100	203	-.460	.191	.255	-1.193
100	204	-.439	.182	.198	-1.133
100	205	-.429	.154	.038	-.965
100	206	-.366	.227	.508	-1.175
100	207	-.498	.276	.638	-1.658
100	208	-.450	.321	.818	-1.587
100	209	-.465	.319	1.050	-2.061
100	210	-.355	.237	.637	-1.917
100	211	-.417	.339	.589	-1.739
100	212	-.423	.329	.894	-1.864
100	213	-.442	.323	.997	-2.085
100	214	-.347	.259	.696	-2.056

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	215	-.321	.216	.535	-1.398
100	216	-.318	.190	.386	-1.511
100	217	-.332	.296	.752	-1.861
100	218	-.427	.392	.841	-2.330
100	219	-.435	.346	1.091	-1.720
100	220	-.423	.309	1.083	-1.730
100	221	-.347	.262	.746	-2.268
100	222	-.412	.389	.990	-2.346
100	223	-.418	.358	.895	-2.730
100	224	-.439	.379	.852	-2.909
100	225	-.299	.255	.399	-1.868
100	226	-.274	.222	.432	-1.629
100	227	-.251	.202	.542	-1.378
100	228	-.279	.272	.615	-1.717
100	229	-.379	.342	.728	-2.129
100	230	.085	.206	.908	-.553
100	231	.071	.199	1.129	-.852
100	232	.057	.206	.922	-.774
100	233	.055	.211	.915	-.700
100	234	-.400	.347	.664	-2.436
100	235	-.419	.367	.874	-2.510
100	236	-.299	.231	.533	-1.732
100	237	.026	.196	.753	-.783
100	238	-.307	.263	.518	-1.413
100	239	.072	.199	.888	-.718
100	240	.055	.211	.889	-.997
100	241	-.065	.169	.734	-.829
100	242	-.365	.347	1.148	-2.342
100	243	-.405	.357	1.189	-2.518
100	244	-.341	.247	.519	-1.880
100	245	-.285	.208	.383	-1.330
100	246	-.218	.187	.428	-1.162
100	247	-.207	.188	.380	-1.026
100	248	-.237	.203	.326	-1.572
100	249	-.099	.174	.527	-.845
100	250	-.087	.204	.741	-1.281
100	251	-.057	.214	.774	-1.262
100	252	-.016	.231	.993	-1.146
100	253	-.220	.192	.644	-1.179
100	254	-.320	.341	.891	-1.939
100	255	-.354	.372	.856	-2.135
100	256	-.317	.211	.236	-1.252
100	257	-.023	.219	.752	-.880
100	258	-.268	.338	.854	-2.162
100	259	-.308	.405	.847	-2.253
100	260	-.280	.258	.504	-1.757
100	261	-.213	.228	.644	-1.934
100	262	-.138	.163	.609	-.791
100	263	-.134	.165	.447	-.803
100	264	-.024	.169	.702	-.715
100	265	-.024	.164	.645	-.713
100	266	-.020	.176	.705	-.679
100	267	-.007	.201	.949	-.880
100	268	-.238	.354	1.012	-1.822
100	269	-.214	.401	.898	-2.503
100	270	-.236	.256	.537	-1.644
100	271	-.026	.180	.679	-.688
100	272	-.099	.140	.368	-.610
100	273	-.088	.153	.476	-.656
100	274	-.078	.164	.508	-.745
100	275	-.183	.263	.660	-1.434
100	276	-.148	.338	.824	-1.593
100	277	-.170	.256	.558	-1.333
100	278	-.128	.220	.821	-1.015
100	279	-.118	.182	.567	-.869
100	280	-.142	.175	.508	-1.025
100	281	-.088	.161	.426	-.682
100	282	-.162	.156	.543	-1.016
100	283	-.163	.145	.352	-.796
100	284	-.162	.147	.315	-.915
100	285	-.131	.150	.426	-.699
100	286	-.168	.233	.799	-1.010
100	287	-.133	.296	.999	-1.406
100	288	-.092	.196	.484	-1.122
100	289	-.048	.214	.660	-1.519
100	290	-.093	.177	.524	-.959
100	291	-.108	.153	.497	-.661
100	292	-.095	.154	.523	-.620
100	293	-.122	.151	.518	-.625
100	294	-.120	.161	.609	-.702
100	295	-.110	.158	.573	-.705
100	296	-.224	.206	.664	-1.021
100	297	-.184	.254	.623	-1.294
100	298	-.079	.197	.707	-1.271
100	299	-.018	.199	.779	-1.149
100	300	-.046	.196	.849	-.930
100	301	-.113	.161	.512	-.813
100	302	-.127	.158	.401	-.696
100	303	-.100	.150	.395	-.595
100	304	-.094	.153	.410	-.605
100	401	-.379	.189	.254	-1.284
100	402	-.375	.185	.239	-1.292
100	403	-.400	.191	.205	-1.275
100	404	-.440	.193	.116	-1.356
100	405	-.478	.210	.260	-1.389
100	406	-.490	.208	.258	-1.402
100	407	-.330	.175	.279	-1.255
100	408	-.492	.251	.313	-1.645
100	409	-.277	.156	.340	-1.040
100	410	-.268	.150	.323	-.833
100	411	-.276	.153	.207	-1.032
100	412	-.291	.158	.209	-1.126
100	413	-.299	.174	.278	-.953
100	414	-.305	.176	.267	-.955
100	415	-.325	.196	.289	-1.096
100	416	-.374	.223	.316	-1.325
100	417	-.430	.241	.345	-1.666
100	418	-.474	.259	.480	-1.871
100	419	-.244	.156	.344	-.846
100	420	-.480	.288	.573	-2.042
100	421	-.252	.113	.074	-.725
100	422	-.245	.152	.295	-1.119
100	423	-.257	.162	.320	-1.143
100	424	-.282	.175	.336	-1.122
100	425	-.288	.187	.317	-1.145
100	426	-.316	.202	.348	-1.291
100	427	-.362	.226	.415	-1.515
100	428	-.416	.252	.408	-1.550
100	429	-.489	.282	.457	-1.925
100	430	-.220	.144	.318	-.999
100	431	-.491	.289	.413	-2.384
100	432	-.211	.136	.191	-1.032
100	433	-.206	.143	.253	-.759
100	434	-.225	.148	.243	-.745
100	435	-.246	.161	.261	-1.026
100	436	-.269	.169	.236	-.923
100	437	-.313	.198	.340	-1.099
100	438	-.380	.223	.340	-1.323
100	439	-.430	.256	.484	-1.723
100	440	-.506	.280	.601	-1.711
100	441	-.216	.139	.250	-.993
100	442	-.517	.282	.415	-1.941
100	443	-.213	.131	.159	-.925
100	444	-.212	.134	.181	-.967
100	445	-.215	.142	.257	-.685
100	446	-.237	.151	.199	-.809
100	447	-.255	.164	.241	-.864
100	448	-.291	.188	.212	-1.043
100	449	-.320	.214	.297	-1.148
100	450	-.407	.253	.359	-1.679
100	451	-.494	.289	.471	-2.096
100	452	-.194	.139	.274	-.675
100	453	-.536	.292	.421	-1.920
100	454	-.187	.129	.217	-.670
100	455	-.176	.132	.251	-.682
100	456	-.191	.139	.326	-.781
100	457	-.215	.148	.228	-.805
100	458	-.241	.152	.224	-.793
100	459	-.263	.169	.206	-.973
100	460	-.318	.197	.251	-1.177

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	461	-.435	.232	.152	-1.516
100	462	-.512	.247	.126	-1.695
100	463	-.168	.141	.251	-.777
100	464	-.449	.241	.188	-1.719
100	465	-.135	.134	.244	-.687
100	466	-.174	.141	.283	-.690
100	467	-.178	.144	.299	-.765
100	468	-.204	.152	.318	-.815
100	469	-.204	.146	.277	-.866
100	470	-.234	.157	.267	-1.011
100	471	-.274	.185	.263	-1.277
100	472	-.305	.199	.250	-1.454
100	473	-.342	.237	.213	-1.674
100	501	-.461	.223	.165	-1.537
100	502	-.447	.229	.212	-1.635
100	503	-.368	.203	.247	-1.326
100	504	-.335	.185	.218	-1.239
100	505	-.325	.173	.209	-1.304
100	506	-.324	.164	.230	-1.279
100	507	-.329	.167	.237	-1.129
100	508	-.337	.164	.284	-1.277
100	509	-.438	.214	.098	-1.323
100	510	-.331	.171	.223	-1.257
100	511	-.293	.149	.178	-.831
100	512	-.304	.155	.290	-.901
100	513	-.359	.197	.203	-1.774
100	514	-.319	.176	.253	-1.679
100	515	-.343	.173	.221	-1.358
100	516	-.286	.151	.119	-.921
100	517	-.290	.147	.123	-.930
100	518	-.293	.147	.132	-.842
100	519	-.304	.154	.165	-.969
100	520	-.311	.158	.230	-1.095
100	521	-.327	.175	.191	-1.012
100	522	-.307	.179	.231	-1.393
100	523	-.294	.173	.195	-.960
100	524	-.263	.166	.204	-.981
100	525	-.253	.157	.215	-.917
100	526	-.212	.140	.197	-.894
100	527	-.237	.156	.341	-.751
100	528	-.241	.145	.201	-.839
100	529	-.296	.159	.142	-1.027
100	530	-.256	.167	.256	-1.515
100	531	-.245	.138	.172	-.825
100	532	-.222	.145	.238	-.754
100	533	-.356	.196	.221	-1.475
100	534	-.274	.163	.171	-.942
100	535	-.248	.152	.198	-1.099
100	536	-.367	.203	.159	-1.517
100	537	-.331	.170	.136	-1.379
100	538	-.221	.133	.174	-.728
100	539	-.215	.131	.284	-.672
100	540	-.214	.129	.279	-.612
100	541	-.184	.136	.262	-.782
100	542	-.181	.136	.239	-.816
100	543	-.170	.132	.243	-.658
100	544	-.186	.139	.309	-.803
100	545	-.190	.136	.255	-.760
100	546	-.200	.135	.232	-.810
100	547	-.194	.136	.227	-.705
100	548	-.197	.131	.227	-.637
100	549	-.203	.138	.282	-.698
100	550	-.212	.137	.199	-.773
100	551	-.187	.135	.243	-.787
100	552	-.183	.135	.227	-.930
100	553	-.189	.131	.209	-.938
100	554	-.197	.135	.307	-.930
100	555	-.176	.136	.233	-.976
100	556	-.207	.137	.228	-1.040
100	557	-.212	.132	.227	-1.079
100	558	-.202	.131	.238	-1.052
100	559	-.191	.124	.256	-.837
100	560	-.188	.118	.214	-.744
100	561	-.204	.120	.200	-.700
100	562	-.201	.124	.205	-.630
100	563	-.198	.128	.240	-.645
100	564	-.184	.128	.204	-.678
100	565	-.204	.127	.177	-.751
100	566	-.189	.126	.198	-.638
100	567	-.190	.131	.267	-.761
100	568	-.192	.137	.254	-.765
100	569	-.200	.135	.224	-.776
100	570	-.191	.136	.216	-.748
100	571	-.187	.134	.210	-.749
100	572	-.183	.128	.246	-.610
100	573	-.188	.129	.222	-.643
100	574	-.189	.131	.219	-.751
100	575	-.192	.133	.236	-.651
100	576	-.192	.137	.309	-.810
100	577	-.186	.134	.260	-.978
100	578	-.192	.137	.268	-1.032
100	579	-.184	.132	.273	-.661
100	580	-.212	.131	.214	-.797
100	581	-.195	.120	.233	-.587
100	582	-.189	.120	.260	-.605
100	583	-.201	.122	.241	-.617
100	584	-.184	.117	.192	-.574
100	585	-.175	.115	.211	-.560
100	586	-.173	.116	.208	-.574
100	587	-.168	.114	.264	-.579
100	588	-.178	.127	.200	-.629
100	589	-.175	.128	.248	-.636
100	590	-.182	.133	.264	-.700
100	591	-.187	.133	.255	-.680
100	592	-.182	.135	.264	-.552
100	593	-.179	.133	.265	-.586
100	594	-.176	.133	.262	-.527
100	595	-.160	.134	.273	-.555
100	596	-.177	.135	.289	-.690
100	597	-.172	.130	.323	-.615
100	598	-.161	.131	.334	-.590
100	599	-.160	.134	.352	-.604
100	600	-.158	.132	.242	-.537
100	601	-.153	.134	.262	-.567
100	602	-.155	.137	.243	-.625
100	603	-.169	.129	.217	-.599
100	604	-.135	.131	.430	-.553
100	605	-.108	.131	.470	-.492
100	606	-.086	.133	.497	-.510
100	607	-.154	.129	.310	-.607
100	608	-.147	.126	.267	-.596
100	609	-.148	.123	.262	-.597
100	610	-.151	.127	.261	-.609
100	611	-.150	.121	.311	-.575
100	612	-.141	.127	.369	-.599
100	613	-.151	.130	.330	-.640
100	701	-.060	.118	.445	-.486
100	702	-.009	.132	.566	-.472
100	703	-.107	.138	.364	-.952
100	704	-.206	.188	.376	-1.285
100	705	.053	.232	1.180	-1.149
100	706	.019	.186	.955	-.900
100	707	-.063	.185	.646	-1.027
100	708	-.136	.156	.366	-.991
100	709	-.185	.140	.305	-.750
100	710	-.170	.228	.633	-1.243
100	711	.111	.191	.980	-.548
100	712	.055	.170	.953	-.494
100	713	-.225	.150	.272	-1.042
100	714	-.339	.212	.404	-1.439
100	715	-.331	.190	.361	-1.627
100	716	-.501	.287	.239	-1.953
100	717	-.454	.197	.147	-1.313
100	718	-.456	.185	.169	-1.545
100	719	-.296	.193	.278	-1.298
100	720	-.424	.236	.235	-2.042
100	721	-.446	.209	.127	-1.366
100	722	-.458	.182	.219	-1.414
100	723	-.305	.190	.258	-1.198
100	724	-.320	.182	.267	-1.711

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	725	-.292	.153	.154	-1.231
100	726	-.428	.220	.395	-1.828
100	727	-.454	.191	.138	-2.135
100	728	-.452	.260	.239	-1.963
100	801	-.088	.154	.541	-.580
100	802	-.123	.173	.478	-1.010
110	101	-.418	.201	.478	-1.119
110	102	-.364	.202	.578	-1.018
110	103	-.301	.218	.552	-1.099
110	104	-.275	.201	.520	-1.294
110	105	-.283	.188	.282	-1.099
110	106	-.376	.234	.735	-1.093
110	107	-.209	.195	.408	-1.331
110	108	-.339	.252	.837	-1.069
110	109	-.253	.269	.949	-.951
110	110	-.124	.271	1.071	-1.054
110	111	-.097	.257	1.040	-.995
110	112	-.089	.222	.667	-1.064
110	113	-.109	.208	.574	-.993
110	114	-.104	.186	.411	-.996
110	115	-.145	.173	.426	-.969
110	116	-.208	.175	.412	-.948
110	117	-.342	.298	1.138	-1.326
110	118	-.203	.184	.538	-1.091
110	119	-.079	.253	.758	-1.003
110	120	-.165	.260	.776	-1.357
110	121	-.064	.194	.696	-.708
110	122	-.134	.162	.562	-.821
110	123	-.202	.168	.403	-.961
110	124	-.299	.282	1.077	-1.443
110	125	-.209	.287	.869	-1.216
110	126	-.074	.286	.814	-.931
110	127	.013	.270	.922	-1.074
110	128	-.043	.250	.900	-1.127
110	129	-.014	.240	.898	-1.026
110	130	-.023	.207	.671	-.958
110	131	-.048	.175	.487	-.848
110	132	-.055	.162	.571	-.710
110	133	-.081	.155	.415	-.666
110	134	-.299	.248	.886	-1.357
110	135	-.094	.156	.444	-1.014
110	136	-.218	.208	.576	-.993
110	137	-.198	.206	.555	-.984
110	138	-.091	.287	.910	-1.003
110	139	-.009	.321	1.172	-1.109
110	140	-.153	.289	1.063	-1.460
110	141	-.138	.313	.966	-2.083
110	142	-.125	.305	.992	-1.592
110	143	-.086	.280	.758	-1.123
110	144	-.036	.258	.873	-1.356
110	145	-.000	.237	.693	-.973
110	146	.002	.201	.548	-.736
110	147	-.016	.170	.435	-.660
110	148	-.045	.147	.393	-.824
110	149	-.111	.134	.398	-.722
110	150	-.161	.280	.913	-1.408
110	151	-.115	.125	.392	-.745
110	152	-.103	.218	.871	-.793
110	153	-.081	.299	1.061	-1.193
110	154	-.063	.299	.932	-1.202
110	155	-.035	.272	.737	-1.191
110	156	-.018	.227	.604	-.859
110	157	-.029	.202	.673	-.676
110	158	-.032	.188	.565	-.721
110	159	-.038	.169	.520	-.913
110	160	-.039	.146	.511	-.951
110	161	-.074	.128	.302	-.827
110	162	-.089	.120	.327	-.806
110	163	-.128	.253	1.084	-.893
110	164	-.091	.113	.274	-.553
110	165	-.091	.158	.466	-.657
110	166	-.126	.194	.551	-1.414
110	167	-.105	.201	.652	-1.476
110	168	-.055	.203	.759	-.847
110	169	-.031	.196	.663	-.758
110	170	-.023	.175	.595	-.770
110	171	-.024	.174	.584	-.783
110	172	-.014	.158	.507	-.674
110	173	-.020	.143	.483	-.581
110	174	-.026	.135	.486	-.513
110	175	-.049	.126	.424	-.462
110	176	-.067	.207	.643	-.727
110	201	-.531	.232	.602	-1.534
110	202	-.514	.216	.574	-1.923
110	203	-.534	.174	.082	-1.725
110	204	-.534	.167	-.033	-1.309
110	205	-.521	.138	-.078	-1.288
110	206	-.518	.199	.289	-1.367
110	207	-.562	.211	.256	-1.596
110	208	-.526	.262	.769	-2.027
110	209	-.518	.234	.640	-2.058
110	210	-.497	.210	.129	-2.127
110	211	-.646	.293	.446	-1.965
110	212	-.528	.291	.607	-1.574
110	213	-.536	.251	.665	-1.467
110	214	-.522	.241	.336	-2.205
110	215	-.500	.228	.193	-2.195
110	216	-.518	.201	.319	-1.642
110	217	-.583	.283	.566	-1.934
110	218	-.667	.359	.866	-2.114
110	219	-.491	.298	.745	-1.669
110	220	-.469	.269	.760	-1.966
110	221	-.551	.257	.234	-2.452
110	222	-.729	.396	1.068	-2.235
110	223	-.395	.381	.973	-1.983
110	224	-.453	.332	1.117	-2.214
110	225	-.569	.332	.251	-2.446
110	226	-.547	.299	.263	-2.627
110	227	-.520	.233	.235	-1.751
110	228	-.595	.346	.429	-2.614
110	229	-.692	.416	.522	-2.797
110	230	.017	.289	1.344	-1.148
110	231	.002	.285	1.236	-1.261
110	232	-.002	.306	1.087	-1.782
110	233	.023	.337	1.161	-1.737
110	234	-.294	.398	1.036	-2.261
110	235	-.352	.362	.913	-2.115
110	236	-.534	.314	.457	-2.178
110	237	.010	.387	1.503	-1.887
110	238	-.527	.405	.441	-2.594
110	239	-.019	.368	1.316	-1.833
110	240	-.131	.465	1.151	-2.914
110	241	-.097	.285	1.031	-1.070
110	242	-.148	.454	1.158	-2.075
110	243	-.228	.414	1.133	-1.810
110	244	-.585	.396	.480	-2.411
110	245	-.483	.343	.416	-2.373
110	246	-.377	.239	.309	-1.346
110	247	-.337	.229	.366	-1.301
110	248	-.401	.299	.386	-1.990
110	249	-.243	.211	.537	-1.158
110	250	-.252	.266	.661	-2.064
110	251	-.254	.281	1.151	-2.420
110	252	-.253	.302	1.447	-1.801
110	253	-.337	.249	.446	-1.689
110	254	.003	.402	1.139	-1.697
110	255	-.086	.443	1.079	-1.889
110	256	-.570	.308	.229	-1.717
110	257	-.249	.300	.804	-1.933
110	258	.034	.352	.957	-1.626
110	259	.036	.441	1.563	-2.424
110	260	-.376	.396	1.010	-1.964
110	261	-.293	.355	.867	-2.025
110	262	-.187	.224	.610	-1.278
110	263	-.200	.220	.619	-1.334
110	264	-.117	.209	.698	-.966
110	265	-.092	.198	.798	-1.062
110	266	-.103	.203	.825	-.813
110	267	-.137	.256	.836	-1.088
110	268	.012	.334	1.053	-1.437

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	269	.069	.400	1.131	-1.537
110	270	-.221	.358	.898	-2.208
110	271	-.063	.244	.841	-.918
110	272	-.113	.155	.489	-.779
110	273	-.132	.181	.598	-1.093
110	274	-.143	.196	.582	-1.085
110	275	-.044	.291	.891	-1.195
110	276	.028	.345	.964	-1.299
110	277	-.159	.335	.659	-1.899
110	278	-.108	.298	1.010	-1.911
110	279	-.107	.215	.712	-1.312
110	280	-.111	.201	.551	-1.044
110	281	-.062	.189	.526	-.908
110	282	-.131	.218	.523	-1.437
110	283	-.148	.197	.465	-1.021
110	284	-.154	.191	.411	-.902
110	285	-.080	.213	.614	-.925
110	286	-.126	.261	.764	-1.230
110	287	-.091	.329	1.058	-1.589
110	288	-.107	.266	.666	-1.495
110	289	-.066	.300	.936	-2.709
110	290	-.089	.234	.933	-.981
110	291	-.090	.211	.601	-1.008
110	292	-.071	.212	.654	-.612
110	293	-.096	.209	.752	-.702
110	294	-.085	.195	.545	-.628
110	295	-.073	.191	.556	-.618
110	296	-.186	.209	.642	-1.296
110	297	-.151	.263	.625	-1.328
110	298	-.056	.226	.659	-1.406
110	299	.004	.227	.668	-1.359
110	300	-.024	.228	.934	-1.139
110	301	-.060	.206	.616	-.814
110	302	-.072	.201	.778	-.710
110	303	-.052	.194	.776	-.704
110	304	-.046	.196	.802	-.714
110	401	-.482	.210	.326	-1.386
110	402	-.477	.202	.266	-1.446
110	403	-.492	.199	.176	-1.984
110	404	-.518	.195	.355	-1.545
110	405	-.525	.183	.280	-1.411
110	406	-.536	.185	.229	-1.369
110	407	-.394	.197	.144	-1.473
110	408	-.527	.231	.495	-1.615
110	409	-.270	.178	.239	-.922
110	410	-.269	.172	.245	-1.037
110	411	-.288	.173	.300	-1.066
110	412	-.304	.175	.298	-1.136
110	413	-.336	.185	.195	-1.365
110	414	-.351	.187	.206	-1.348
110	415	-.378	.207	.279	-1.317
110	416	-.430	.228	.371	-1.270
110	417	-.470	.244	.494	-1.321
110	418	-.505	.252	.526	-1.655
110	419	-.200	.179	.351	-1.334
110	420	-.482	.281	.589	-1.522
110	421	-.180	.121	.240	-.657
110	422	-.181	.162	.395	-1.012
110	423	-.204	.173	.353	-.877
110	424	-.238	.185	.321	-.984
110	425	-.256	.190	.383	-1.008
110	426	-.299	.212	.344	-1.293
110	427	-.357	.245	.411	-1.275
110	428	-.403	.274	.499	-1.557
110	429	-.448	.285	.455	-1.926
110	430	-.138	.143	.363	-.800
110	431	-.408	.310	.689	-2.507
110	432	-.124	.136	.398	-.716
110	433	-.122	.140	.324	-.729
110	434	-.145	.148	.336	-.816
110	435	-.167	.159	.302	-.816
110	436	-.184	.166	.338	-.880
110	437	-.218	.187	.337	-1.149
110	438	-.250	.232	.432	-1.227
110	439	-.278	.289	.526	-2.244
110	440	-.385	.341	.618	-2.260
110	441	-.112	.126	.301	-.605
110	442	-.389	.320	.675	-2.247
110	443	-.114	.120	.225	-.583
110	444	-.111	.120	.247	-.592
110	445	-.116	.131	.305	-.652
110	446	-.135	.136	.260	-.651
110	447	-.143	.142	.266	-.677
110	448	-.158	.160	.307	-.821
110	449	-.176	.180	.331	-.965
110	450	-.271	.253	.569	-1.513
110	451	-.442	.319	.696	-1.969
110	452	-.118	.126	.328	-.529
110	453	-.512	.308	.446	-2.179
110	454	-.125	.144	.363	-.667
110	455	-.126	.146	.359	-.719
110	456	-.143	.153	.345	-.787
110	457	-.150	.156	.412	-.787
110	458	-.175	.161	.374	-.758
110	459	-.193	.178	.359	-.865
110	460	-.235	.207	.370	-1.086
110	461	-.419	.254	.393	-1.390
110	462	-.530	.263	.381	-1.634
110	463	-.132	.148	.324	-.777
110	464	-.436	.248	.267	-2.098
110	465	-.115	.138	.346	-.824
110	466	-.131	.139	.378	-.643
110	467	-.133	.140	.340	-.694
110	468	-.153	.148	.334	-.690
110	469	-.174	.153	.263	-.775
110	470	-.198	.165	.319	-.984
110	471	-.242	.190	.298	-1.299
110	472	-.287	.197	.258	-1.870
110	473	-.294	.217	.288	-1.331
110	501	-.330	.228	.134	-1.906
110	502	-.331	.227	.143	-1.588
110	503	-.466	.207	.177	-1.474
110	504	-.419	.230	.384	-1.498
110	505	-.415	.220	.390	-1.688
110	506	-.427	.211	.178	-1.611
110	507	-.442	.207	.259	-1.482
110	508	-.433	.204	.128	-1.287
110	509	-.398	.238	.301	-1.470
110	510	-.382	.216	.266	-1.442
110	511	-.357	.201	.321	-1.372
110	512	-.374	.169	.134	-.995
110	513	-.333	.201	.244	-1.751
110	514	-.353	.192	.363	-1.245
110	515	-.389	.204	.272	-1.451
110	516	-.326	.172	.223	-1.414
110	517	-.325	.162	.238	-1.461
110	518	-.342	.162	.228	-.998
110	519	-.358	.171	.172	-1.170
110	520	-.337	.177	.193	-1.316
110	521	-.371	.224	.188	-1.489
110	522	-.338	.227	.312	-1.345
110	523	-.314	.224	.280	-1.397
110	524	-.299	.186	.215	-1.154
110	525	-.282	.166	.222	-1.035
110	526	-.232	.165	.308	-1.356
110	527	-.262	.156	.247	-1.221
110	528	-.231	.177	.320	-.941
110	529	-.319	.239	.364	-1.657
110	530	-.253	.226	.337	-1.362
110	531	-.233	.183	.255	-1.176
110	532	-.194	.162	.266	-.938
110	533	-.331	.236	.281	-1.578
110	534	-.257	.203	.643	-1.216
110	535	-.215	.162	.210	-1.429
110	536	-.340	.261	.254	-1.757
110	537	-.283	.207	.281	-1.278
110	538	-.182	.142	.254	-.821
110	539	-.160	.165	.344	-.788
110	540	-.157	.159	.344	-.875
110	541	-.191	.149	.208	-1.142

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	542	-.190	.151	.245	-.912
110	543	-.169	.142	.258	-1.101
110	544	-.144	.150	.307	-.783
110	545	-.146	.145	.313	-.738
110	546	-.171	.149	.236	-.822
110	547	-.163	.150	.245	-.851
110	548	-.152	.142	.327	-.875
110	549	-.161	.157	.304	-.806
110	550	-.153	.146	.311	-.783
110	551	-.155	.153	.343	-.915
110	552	-.174	.159	.340	-1.201
110	553	-.160	.141	.316	-.974
110	554	-.149	.138	.318	-.655
110	555	-.158	.150	.321	-1.277
110	556	-.148	.155	.283	-.909
110	557	-.136	.143	.284	-.798
110	558	-.127	.141	.284	-.770
110	559	-.114	.132	.296	-.607
110	560	-.130	.139	.270	-.634
110	561	-.128	.137	.278	-.685
110	562	-.123	.140	.295	-.703
110	563	-.123	.143	.312	-.727
110	564	-.144	.150	.330	-.979
110	565	-.151	.148	.312	-1.220
110	566	-.136	.141	.322	-1.047
110	567	-.127	.137	.331	-.683
110	568	-.120	.133	.294	-1.022
110	569	-.127	.134	.248	-1.295
110	570	-.109	.126	.256	-.775
110	571	-.102	.122	.268	-.682
110	572	-.117	.128	.393	-.600
110	573	-.125	.129	.378	-1.080
110	574	-.115	.130	.394	-.690
110	575	-.109	.131	.385	-.552
110	576	-.091	.130	.362	-.526
110	577	-.119	.136	.366	-.650
110	578	-.115	.138	.336	-.775
110	579	-.098	.133	.377	-.627
110	580	-.091	.119	.265	-.575
110	581	-.100	.120	.301	-.550
110	582	-.085	.131	.323	-.563
110	583	-.095	.121	.317	-.565
110	584	-.089	.125	.405	-.536
110	585	-.085	.125	.489	-.533
110	586	-.079	.125	.445	-.511
110	587	-.077	.123	.333	-.511
110	588	-.091	.119	.347	-.519
110	589	-.098	.119	.319	-.477
110	590	-.089	.121	.332	-.544
110	591	-.087	.122	.331	-.602
110	592	-.106	.125	.294	-.639
110	593	-.112	.123	.286	-.647
110	594	-.105	.122	.296	-.625
110	595	-.104	.121	.298	-.611
110	596	-.100	.120	.342	-.507
110	597	-.104	.117	.333	-.494
110	598	-.097	.117	.350	-.463
110	599	-.098	.118	.388	-.464
110	600	-.098	.128	.355	-.590
110	601	-.104	.131	.343	-.629
110	602	-.105	.133	.358	-.621
110	603	-.095	.124	.336	-.555
110	604	-.082	.118	.327	-.449
110	605	-.074	.120	.339	-.456
110	606	-.063	.122	.362	-.452
110	607	-.096	.119	.253	-.511
110	608	-.100	.113	.275	-.513
110	609	-.107	.112	.254	-.499
110	610	-.108	.114	.258	-.522
110	611	-.090	.130	.342	-.602
110	612	-.097	.141	.374	-.500
110	613	-.092	.137	.354	-.603
110	701	.002	.158	.702	-.609
110	702	-.001	.207	.797	-.707
110	703	-.153	.197	.544	-1.288
110	704	-.241	.252	.694	-1.466
110	705	-.170	.435	1.114	-2.569
110	706	-.140	.255	.680	-1.043
110	707	-.128	.227	.891	-1.290
110	708	-.152	.181	.426	-1.113
110	709	-.177	.184	.588	-1.083
110	710	-.240	.288	1.064	-1.549
110	711	.005	.362	1.310	-1.348
110	712	-.061	.271	.958	-.980
110	713	-.207	.186	.419	-1.098
110	714	-.447	.246	.366	-1.619
110	715	-.375	.204	.366	-1.535
110	716	-.646	.312	.192	-2.530
110	717	-.509	.188	.035	-1.410
110	718	-.512	.174	-.027	-1.392
110	719	-.388	.246	.434	-1.643
110	720	-.574	.268	.190	-2.388
110	721	-.547	.193	.063	-1.608
110	722	-.527	.168	.031	-1.358
110	723	-.420	.239	.256	-1.650
110	724	-.423	.215	.204	-1.839
110	725	-.355	.183	.175	-1.372
110	726	-.579	.253	.045	-1.761
110	727	-.550	.201	.027	-1.426
110	728	-.613	.277	.182	-2.500
110	801	-.045	.214	.707	-.723
110	802	-.066	.203	.613	-.681
120	101	-.459	.198	.506	-1.202
120	102	-.447	.197	.518	-1.132
120	103	-.413	.218	.430	-1.534
120	104	-.385	.237	.483	-1.377
120	105	-.430	.246	.522	-1.469
120	106	-.453	.197	.663	-1.208
120	107	-.395	.264	.385	-1.403
120	108	-.428	.204	.535	-1.227
120	109	-.381	.209	1.416	-1.255
120	110	-.356	.241	.945	-1.361
120	111	-.283	.249	.656	-1.550
120	112	-.287	.239	.649	-1.290
120	113	-.285	.225	.550	-1.055
120	114	-.261	.220	.447	-1.186
120	115	-.271	.234	.678	-1.491
120	116	-.281	.254	.590	-2.167
120	117	-.374	.242	.878	-1.776
120	118	-.300	.282	.410	-2.218
120	119	-.239	.242	.765	-1.066
120	120	-.259	.224	.421	-1.145
120	121	-.255	.220	.401	-1.151
120	122	-.284	.234	.314	-1.370
120	123	-.296	.247	.288	-1.448
120	124	-.360	.220	.615	-1.714
120	125	-.348	.226	.553	-1.363
120	126	-.344	.257	.785	-1.276
120	127	-.222	.249	.842	-1.146
120	128	-.231	.251	.672	-1.266
120	129	-.208	.249	.774	-1.192
120	130	-.205	.224	.614	-1.097
120	131	-.169	.197	.527	-.880
120	132	-.184	.201	.483	-1.012
120	133	-.196	.193	.417	-1.020
120	134	-.405	.236	.318	-1.496
120	135	-.143	.157	.474	-.949
120	136	-.352	.220	.370	-1.191
120	137	-.405	.245	.362	-1.712
120	138	-.340	.268	.541	-1.637
120	139	-.289	.270	.756	-1.489
120	140	-.375	.268	.558	-1.787
120	141	-.382	.274	.608	-1.489
120	142	-.388	.277	.649	-1.581
120	143	-.283	.251	.558	-1.184
120	144	-.206	.237	.560	-.977
120	145	-.196	.234	.864	-1.114
120	146	-.175	.208	.572	-1.086
120	147	-.130	.179	.524	-.815
120	148	-.123	.157	.480	-.832

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	149	-.116	.144	.543	-.812
120	150	-.380	.296	.779	-1.537
120	151	-.120	.134	.340	-.973
120	152	-.110	.202	.789	-.872
120	153	-.287	.290	.831	-1.810
120	154	-.300	.291	.737	-1.806
120	155	-.231	.266	.519	-1.676
120	156	-.179	.221	.444	-1.368
120	157	-.129	.217	.587	-.962
120	158	-.155	.203	.479	-1.089
120	159	-.120	.181	.626	-.856
120	160	-.095	.156	.502	-.656
120	161	-.089	.139	.389	-.559
120	162	-.132	.136	.332	-.752
120	163	-.247	.236	.567	-1.122
120	164	-.103	.135	.397	-.588
120	165	-.080	.160	.623	-.878
120	166	-.235	.202	.495	-1.562
120	167	-.200	.198	.356	-1.643
120	168	-.148	.184	.527	-.884
120	169	-.127	.182	.452	-.899
120	170	-.133	.165	.436	-.896
120	171	-.113	.165	.434	-.929
120	172	-.082	.147	.399	-.658
120	173	-.064	.129	.427	-.541
120	174	-.057	.123	.469	-.533
120	175	-.064	.121	.424	-.539
120	176	-.045	.182	.627	-.862
120	201	-.363	.337	.895	-1.786
120	202	-.370	.310	1.065	-1.553
120	203	-.622	.261	.292	-1.696
120	204	-.589	.226	.184	-1.692
120	205	-.558	.154	.044	-1.136
120	206	-.525	.187	.195	-1.734
120	207	-.528	.201	.194	-2.065
120	208	-.238	.383	1.077	-1.636
120	209	-.283	.356	1.045	-1.362
120	210	-.714	.371	.665	-2.282
120	211	-.535	.243	.224	-1.931
120	212	-.204	.420	1.303	-1.709
120	213	-.278	.371	.975	-1.447
120	214	-.748	.398	.380	-2.701
120	215	-.638	.389	.374	-2.797
120	216	-.537	.250	.407	-1.763
120	217	-.474	.239	.488	-1.736
120	218	-.483	.274	.592	-2.338
120	219	-.082	.397	1.057	-1.265
120	220	-.172	.386	1.034	-1.377
120	221	-.783	.414	.349	-2.822
120	222	-.478	.268	.351	-2.356
120	223	-.022	.396	1.111	-1.752
120	224	-.060	.400	1.207	-1.928
120	225	-.803	.434	.291	-2.822
120	226	-.693	.445	.505	-2.757
120	227	-.469	.262	.431	-1.921
120	228	-.422	.238	.610	-1.538
120	229	-.419	.257	.742	-1.803
120	230	-.217	.259	1.031	-1.104
120	231	-.264	.260	.615	-1.579
120	232	-.259	.278	.861	-1.615
120	233	-.251	.311	.930	-1.880
120	234	.142	.366	1.276	-1.521
120	235	.091	.397	1.259	-1.274
120	236	-.742	.400	.393	-2.581
120	237	-.273	.358	1.171	-2.596
120	238	-.370	.240	.353	-1.532
120	239	-.392	.340	.788	-2.359
120	240	-.470	.421	.697	-2.890
120	241	-.328	.252	.878	-1.320
120	242	.230	.297	1.055	-.930
120	243	.284	.347	1.117	-1.195
120	244	-.579	.440	.754	-2.272
120	245	-.389	.369	.617	-2.109
120	246	-.303	.220	.470	-1.307
120	247	-.314	.197	.366	-1.073
120	248	-.299	.211	.423	-1.048
120	249	-.311	.210	.423	-1.150
120	250	-.237	.205	.484	-1.259
120	251	-.286	.212	.440	-1.260
120	252	-.329	.230	.671	-1.533
120	253	-.280	.195	.491	-1.371
120	254	.207	.270	1.078	-.800
120	255	.305	.302	1.203	-.961
120	256	-.434	.336	.355	-1.895
120	257	-.298	.261	.802	-1.498
120	258	.196	.264	.961	-1.176
120	259	.293	.300	1.097	-.886
120	260	-.247	.392	.892	-2.084
120	261	-.177	.347	.775	-2.244
120	262	-.113	.209	.771	-1.196
120	263	-.152	.193	.786	-1.221
120	264	-.122	.195	.889	-.806
120	265	-.073	.189	.904	-.841
120	266	-.126	.201	.645	-.926
120	267	-.235	.253	.795	-1.440
120	268	.074	.265	1.082	-.928
120	269	.219	.297	1.126	-.940
120	270	-.113	.341	.931	-1.969
120	271	-.138	.225	.808	-.982
120	272	-.102	.163	.584	-.772
120	273	-.148	.192	.641	-.883
120	274	-.193	.186	.519	-.994
120	275	.020	.253	1.031	-.887
120	276	.116	.306	.968	-1.424
120	277	-.115	.337	.956	-2.429
120	278	-.070	.281	.577	-1.975
120	279	-.077	.212	.554	-.922
120	280	-.074	.193	.531	-.766
120	281	-.024	.188	.632	-.663
120	282	-.091	.210	.575	-1.171
120	283	-.123	.194	.527	-.996
120	284	-.136	.188	.571	-.887
120	285	-.049	.205	.540	-.949
120	286	-.106	.233	.797	-1.016
120	287	-.062	.289	1.246	-1.437
120	288	-.111	.245	.551	-1.206
120	289	-.082	.266	.789	-1.249
120	290	-.078	.223	.561	-.812
120	291	-.055	.213	.567	-1.429
120	292	-.039	.211	.584	-.685
120	293	-.052	.212	.596	-.700
120	294	-.029	.189	.742	-.604
120	295	-.011	.184	.746	-.571
120	296	-.120	.177	.542	-.907
120	297	-.085	.219	.616	-.815
120	298	-.044	.217	.681	-1.183
120	299	-.008	.215	.729	-1.092
120	300	-.039	.214	.749	-.927
120	301	-.044	.201	.607	-.776
120	302	-.028	.199	.510	-.666
120	303	-.001	.191	.526	-.597
120	304	.003	.193	.538	-.583
120	401	-.412	.229	.315	-1.333
120	402	-.407	.221	.389	-1.463
120	403	-.434	.220	.429	-1.466
120	404	-.464	.216	.382	-1.484
120	405	-.471	.214	.283	-1.367
120	406	-.494	.217	.311	-1.501
120	407	-.288	.178	.246	-1.188
120	408	-.415	.294	.628	-1.899
120	409	-.231	.180	.270	-.977
120	410	-.228	.171	.237	-.834
120	411	-.236	.170	.236	-.806
120	412	-.229	.168	.329	-.857
120	413	-.256	.167	.290	-.928
120	414	-.262	.172	.286	-.952
120	415	-.268	.194	.282	-1.000
120	416	-.288	.230	.393	-1.340
120	417	-.320	.238	.378	-1.657
120	418	-.397	.290	.592	-1.943

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	419	-.145	.152	.383	-.857
120	420	-.342	.299	.700	-1.718
120	421	-.109	.124	.220	-.545
120	422	-.109	.149	.336	-.797
120	423	-.110	.151	.370	-.822
120	424	-.119	.155	.352	-.834
120	425	-.163	.148	.272	-.865
120	426	-.186	.164	.318	-.961
120	427	-.196	.196	.378	-1.085
120	428	-.233	.246	.550	-1.246
120	429	-.346	.309	.670	-1.757
120	430	-.133	.135	.346	-.560
120	431	-.336	.316	.782	-2.102
120	432	-.124	.132	.339	-.552
120	433	-.097	.120	.263	-.546
120	434	-.102	.116	.252	-.493
120	435	-.101	.118	.297	-.514
120	436	-.101	.118	.322	-.560
120	437	-.097	.138	.451	-.605
120	438	-.106	.159	.354	-.988
120	439	-.158	.227	.589	-1.870
120	440	-.345	.287	.724	-2.178
120	441	-.094	.128	.325	-.486
120	442	-.389	.274	.646	-1.688
120	443	-.097	.125	.339	-.508
120	444	-.083	.124	.352	-.450
120	445	-.083	.123	.371	-.528
120	446	-.098	.123	.349	-.616
120	447	-.094	.125	.351	-.526
120	448	-.097	.131	.372	-.745
120	449	-.107	.150	.353	-.880
120	450	-.264	.232	.429	-1.183
120	451	-.409	.258	.650	-1.765
120	452	-.094	.121	.275	-.614
120	453	-.424	.253	.502	-1.364
120	454	-.086	.115	.277	-.447
120	455	-.082	.115	.286	-.453
120	456	-.085	.117	.284	-.586
120	457	-.107	.127	.321	-.635
120	458	-.132	.129	.289	-.629
120	459	-.138	.139	.359	-.700
120	460	-.169	.162	.338	-.831
120	461	-.314	.214	.277	-1.148
120	462	-.404	.214	.272	-1.318
120	463	-.102	.126	.306	-.624
120	464	-.337	.188	.240	-1.053
120	465	-.103	.133	.376	-.535
120	466	-.112	.123	.305	-.518
120	467	-.108	.127	.331	-.545
120	468	-.120	.132	.309	-.556
120	469	-.125	.135	.342	-.654
120	470	-.143	.143	.312	-.748
120	471	-.177	.164	.269	-1.298
120	472	-.218	.173	.251	-1.144
120	473	-.240	.182	.254	-1.230
120	501	-.460	.228	.346	-1.718
120	502	-.452	.238	.307	-1.928
120	503	-.429	.243	.319	-1.979
120	504	-.441	.267	.351	-2.181
120	505	-.429	.242	.220	-2.015
120	506	-.429	.247	.240	-2.369
120	507	-.411	.235	.164	-1.884
120	508	-.404	.228	.393	-1.542
120	509	-.346	.192	.306	-1.717
120	510	-.340	.197	.320	-1.170
120	511	-.388	.264	.276	-2.407
120	512	-.315	.201	.368	-1.239
120	513	-.334	.204	.310	-1.406
120	514	-.324	.193	.250	-1.414
120	515	-.333	.195	.298	-1.211
120	516	-.343	.241	.453	-2.382
120	517	-.343	.214	.518	-1.515
120	518	-.345	.205	.380	-1.366
120	519	-.324	.200	.423	-1.269
120	520	-.291	.188	.223	-1.048
120	521	-.300	.205	.337	-1.325
120	522	-.263	.200	.377	-1.416
120	523	-.244	.196	.350	-1.310
120	524	-.227	.212	.326	-1.609
120	525	-.228	.195	.299	-1.411
120	526	-.219	.190	.253	-1.506
120	527	-.208	.199	.350	-1.799
120	528	-.237	.190	.366	-1.126
120	529	-.262	.203	.421	-1.370
120	530	-.176	.166	.317	-1.062
120	531	-.179	.174	.413	-1.474
120	532	-.151	.170	.446	-.824
120	533	-.295	.207	.385	-1.157
120	534	-.165	.160	.441	-.819
120	535	-.169	.176	.355	-1.260
120	536	-.270	.207	.390	-1.240
120	537	-.263	.194	.420	-1.214
120	538	-.188	.160	.370	-.926
120	539	-.173	.161	.308	-.940
120	540	-.164	.154	.324	-.762
120	541	-.272	.178	.226	-.923
120	542	-.249	.183	.294	-1.049
120	543	-.200	.164	.438	-1.011
120	544	-.195	.170	.306	-1.094
120	545	-.150	.155	.354	-.910
120	546	-.147	.161	.338	-1.227
120	547	-.141	.160	.363	-1.077
120	548	-.143	.151	.388	-1.144
120	549	-.128	.155	.382	-.874
120	550	-.138	.145	.404	-.815
120	551	-.180	.156	.268	-1.026
120	552	-.171	.169	.338	-.973
120	553	-.167	.155	.299	-.839
120	554	-.128	.153	.321	-.745
120	555	-.154	.156	.279	-.813
120	556	-.182	.160	.370	-1.329
120	557	-.184	.148	.338	-.881
120	558	-.162	.145	.338	-.713
120	559	-.138	.138	.346	-.657
120	560	-.132	.143	.351	-.907
120	561	-.149	.139	.295	-.818
120	562	-.129	.139	.321	-.768
120	563	-.120	.142	.319	-.791
120	564	-.178	.151	.297	-1.295
120	565	-.206	.147	.241	-1.329
120	566	-.178	.145	.289	-1.201
120	567	-.127	.133	.404	-.785
120	568	-.153	.158	.393	-.773
120	569	-.152	.152	.396	-.938
120	570	-.138	.147	.389	-.813
120	571	-.128	.143	.382	-.816
120	572	-.114	.133	.363	-.614
120	573	-.113	.132	.387	-.582
120	574	-.096	.131	.400	-.527
120	575	-.088	.130	.414	-.517
120	576	-.084	.127	.393	-.506
120	577	-.145	.170	.415	-1.062
120	578	-.125	.159	.462	-.922
120	579	-.125	.146	.404	-.810
120	580	-.064	.112	.368	-.448
120	581	-.043	.119	.435	-.519
120	582	-.043	.121	.395	-.464
120	583	-.042	.118	.495	-.477
120	584	-.069	.131	.431	-.526
120	585	-.097	.142	.414	-.669
120	586	-.088	.136	.474	-.583
120	587	-.096	.126	.317	-.648
120	588	-.095	.119	.343	-.579
120	589	-.085	.116	.322	-.558
120	590	-.068	.117	.322	-.443
120	591	-.065	.118	.335	-.442
120	592	-.070	.123	.380	-.450
120	593	-.078	.119	.322	-.448
120	594	-.075	.119	.373	-.436
120	595	-.094	.123	.311	-.500

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	596	-.123	.135	.308	-.658
120	597	-.125	.127	.284	-.596
120	598	-.113	.120	.305	-.489
120	599	-.110	.120	.311	-.540
120	600	-.106	.114	.275	-.456
120	601	-.112	.112	.270	-.487
120	602	-.103	.111	.286	-.498
120	603	-.076	.111	.354	-.433
120	604	-.065	.117	.343	-.452
120	605	-.075	.115	.334	-.455
120	606	-.080	.114	.318	-.460
120	607	-.096	.123	.338	-.545
120	608	-.085	.135	.343	-.708
120	609	-.097	.132	.323	-.590
120	610	-.090	.131	.333	-.557
120	611	-.061	.113	.267	-.423
120	612	-.103	.126	.338	-.752
120	613	-.065	.115	.254	-.412
120	701	-.043	.138	.569	-.674
120	702	-.101	.176	.596	-.995
120	703	-.196	.195	.485	-1.117
120	704	-.261	.210	.494	-1.113
120	705	-.427	.395	.582	-2.840
120	706	-.384	.293	.356	-3.200
120	707	-.193	.244	.709	-1.576
120	708	-.259	.239	.343	-1.194
120	709	-.248	.205	.383	-1.054
120	710	-.283	.212	.581	-1.046
120	711	-.344	.277	.643	-1.639
120	712	-.350	.247	.442	-1.498
120	713	-.243	.210	.341	-1.449
120	714	-.406	.259	.251	-1.761
120	715	-.313	.181	.230	-1.214
120	716	-.540	.317	.230	-2.707
120	717	-.538	.215	.243	-1.695
120	718	-.559	.205	.039	-1.537
120	719	-.422	.259	.305	-1.750
120	720	-.529	.277	.267	-1.976
120	721	-.541	.238	.084	-1.756
120	722	-.592	.229	.036	-1.956
120	723	-.420	.280	.232	-1.725
120	724	-.417	.281	.316	-2.449
120	725	-.294	.199	.366	-1.513
120	726	-.564	.326	.344	-3.041
120	727	-.567	.273	.355	-2.134
120	728	-.555	.301	.219	-2.421
120	801	-.004	.185	.628	-.560
120	802	-.028	.209	.647	-.648
130	101	-.398	.158	.277	-1.075
130	102	-.392	.151	.148	-1.116
130	103	-.453	.184	.254	-1.507
130	104	-.488	.222	.279	-1.768
130	105	-.518	.259	.221	-1.892
130	106	-.346	.159	.234	-1.106
130	107	-.517	.248	.281	-1.557
130	108	-.337	.168	.094	-1.727
130	109	-.365	.145	.082	-1.100
130	110	-.404	.148	.476	-1.208
130	111	-.422	.200	.299	-1.101
130	112	-.464	.187	.307	-1.194
130	113	-.385	.205	.503	-1.162
130	114	-.346	.205	.470	-1.228
130	115	-.357	.226	.484	-1.160
130	116	-.456	.296	.214	-1.867
130	117	-.348	.169	.310	-1.630
130	118	-.501	.287	.267	-1.714
130	119	-.404	.200	.488	-1.116
130	120	-.395	.193	.244	-1.121
130	121	-.425	.206	.226	-1.159
130	122	-.458	.238	.190	-1.719
130	123	-.485	.260	.152	-1.887
130	124	-.414	.197	.265	-1.440
130	125	-.408	.185	.241	-1.558
130	126	-.451	.197	.295	-1.506
130	127	-.410	.202	.336	-1.379
130	128	-.456	.256	.298	-1.579
130	129	-.460	.245	.306	-1.982
130	130	-.401	.215	.301	-1.563
130	131	-.346	.191	.243	-1.136
130	132	-.342	.194	.355	-1.195
130	133	-.331	.193	.316	-1.046
130	134	-.506	.221	.144	-1.376
130	135	-.232	.151	.276	-.779
130	136	-.456	.215	.196	-1.374
130	137	-.483	.230	.228	-1.336
130	138	-.516	.268	.456	-1.669
130	139	-.430	.253	.569	-1.451
130	140	-.508	.247	.455	-2.612
130	141	-.531	.266	.258	-2.012
130	142	-.494	.287	.382	-1.865
130	143	-.408	.252	.339	-1.474
130	144	-.284	.227	.459	-1.182
130	145	-.254	.188	.461	-1.006
130	146	-.210	.166	.515	-.921
130	147	-.179	.150	.578	-.829
130	148	-.172	.140	.413	-.695
130	149	-.173	.149	.342	-1.368
130	150	-.464	.306	.402	-1.816
130	151	-.139	.138	.284	-.775
130	152	-.068	.196	.586	-.971
130	153	-.325	.280	.709	-1.654
130	154	-.298	.284	.600	-1.358
130	155	-.216	.271	.463	-1.655
130	156	-.155	.213	.455	-1.349
130	157	-.137	.196	.382	-1.291
130	158	-.125	.182	.367	-1.261
130	159	-.110	.159	.353	-.908
130	160	-.099	.136	.381	-.714
130	161	-.097	.139	.422	-.788
130	162	-.107	.137	.382	-.663
130	163	-.264	.222	.444	-1.982
130	164	-.103	.134	.375	-.683
130	165	-.073	.154	.428	-.774
130	166	-.218	.218	.378	-1.832
130	167	-.197	.198	.378	-1.905
130	168	-.143	.171	.458	-1.048
130	169	-.165	.173	.396	-1.164
130	170	-.141	.157	.411	-1.127
130	171	-.135	.157	.426	-1.112
130	172	-.109	.143	.371	-.872
130	173	-.104	.131	.363	-.996
130	174	-.097	.125	.429	-.717
130	175	-.106	.126	.430	-.765
130	176	-.039	.163	.653	-.560
130	201	.039	.316	1.014	-1.008
130	202	.143	.458	1.488	-1.291
130	203	-.659	.405	.621	-2.253
130	204	-.530	.305	.505	-2.242
130	205	-.556	.174	.067	-1.441
130	206	-.477	.190	.144	-1.413
130	207	-.471	.190	.115	-1.348
130	208	.247	.322	1.191	-1.188
130	209	.328	.414	1.480	-1.307
130	210	-.816	.494	.808	-2.596
130	211	-.407	.164	.207	-1.055
130	212	.304	.337	1.365	-.978
130	213	.339	.402	1.382	-1.023
130	214	-.798	.451	.603	-2.454
130	215	-.540	.500	.694	-2.549
130	216	-.400	.228	.399	-1.598
130	217	-.394	.167	.330	-1.054
130	218	-.376	.165	.302	-1.155
130	219	.348	.253	1.240	-.975
130	220	.401	.372	1.384	-1.178
130	221	-.739	.430	.735	-2.387
130	222	-.348	.169	.181	-1.259
130	223	.347	.260	1.374	-1.004
130	224	.490	.317	1.432	-.775
130	225	-.724	.399	.529	-2.868
130	226	-.572	.451	.613	-2.712

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	227	-.307	.206	.365	-1.406
130	228	-.396	.187	.291	-1.018
130	229	-.418	.194	.265	-1.073
130	230	-.435	.234	.481	-1.649
130	231	-.453	.205	.264	-1.531
130	232	-.463	.223	.485	-1.434
130	233	-.479	.246	.332	-1.559
130	234	.337	.223	1.159	-.547
130	235	.522	.260	1.252	-.713
130	236	-.476	.313	.545	-1.789
130	237	-.313	.289	.968	-2.023
130	238	-.473	.246	.319	-1.348
130	239	-.437	.271	.515	-1.719
130	240	-.486	.333	.545	-2.555
130	241	-.377	.217	.389	-1.231
130	242	.363	.211	1.034	-.367
130	243	.502	.254	1.289	-.506
130	244	-.393	.363	.783	-1.789
130	245	-.189	.288	.643	-1.540
130	246	-.178	.184	.637	-.801
130	247	-.259	.185	.574	-.807
130	248	-.349	.213	.397	-1.139
130	249	-.343	.211	.537	-.990
130	250	-.254	.200	.575	-.944
130	251	-.322	.201	.580	-1.061
130	252	-.424	.230	.439	-1.486
130	253	-.296	.202	.539	-.986
130	254	.283	.202	1.123	-.582
130	255	.462	.227	1.159	-.405
130	256	-.177	.251	.471	-1.565
130	257	-.339	.266	.607	-1.338
130	258	.165	.209	.826	-.775
130	259	.368	.240	1.123	-.694
130	260	-.038	.284	1.104	-1.877
130	261	-.009	.253	1.026	-1.712
130	262	-.058	.209	.792	-1.170
130	263	-.097	.211	.756	-1.033
130	264	-.098	.215	.787	-1.066
130	265	-.032	.213	1.011	-.940
130	266	-.064	.214	.820	-1.042
130	267	-.204	.263	.821	-1.324
130	268	.111	.220	.907	-.815
130	269	.250	.256	1.070	-.732
130	270	-.031	.305	.864	-2.204
130	271	-.172	.213	.902	-.933
130	272	-.080	.158	.692	-.648
130	273	-.136	.191	.616	-.944
130	274	-.181	.193	.457	-1.175
130	275	.032	.219	.816	-.775
130	276	.125	.265	1.004	-.899

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	277	-.078	.295	.764	-1.881
130	278	-.045	.255	.786	-1.747
130	279	-.066	.197	.619	-1.169
130	280	-.048	.182	.561	-1.520
130	281	.005	.177	.602	-.698
130	282	-.068	.198	.765	-1.322
130	283	-.107	.181	.732	-1.034
130	284	-.113	.176	.623	-1.009
130	285	-.028	.189	.683	-1.004
130	286	-.062	.217	.763	-.910
130	287	-.016	.256	.944	-1.228
130	288	-.094	.230	.705	-1.075
130	289	-.073	.253	.810	-1.436
130	290	-.062	.194	.578	-.745
130	291	-.047	.184	.606	-1.423
130	292	-.029	.180	.638	-.534
130	293	-.045	.181	.667	-.593
130	294	-.052	.182	.546	-.627
130	295	-.038	.177	.548	-.610
130	296	-.134	.172	.575	-.923
130	297	-.091	.206	.584	-.898
130	298	-.052	.196	.617	-.885
130	299	-.025	.194	.693	-.992
130	300	-.046	.199	.577	-1.271
130	301	-.050	.179	.501	-.789
130	302	-.011	.187	.651	-.589
130	303	.012	.182	.696	-.557
130	304	.020	.183	.714	-.567
130	401	-.337	.179	.280	-1.081
130	402	-.310	.163	.296	-.947
130	403	-.330	.164	.396	-.924
130	404	-.383	.175	.246	-1.058
130	405	-.518	.232	.252	-1.458
130	406	-.632	.272	.281	-1.659
130	407	-.298	.168	.227	-.998
130	408	-.582	.367	.591	-1.912
130	409	-.242	.154	.254	-.816
130	410	-.214	.140	.233	-.675
130	411	-.227	.143	.231	-.660
130	412	-.234	.146	.213	-.739
130	413	-.223	.156	.300	-.810
130	414	-.197	.149	.381	-.739
130	415	-.173	.150	.357	-.717
130	416	-.167	.165	.469	-1.021
130	417	-.258	.242	.432	-1.193
130	418	-.494	.341	.678	-1.724
130	419	-.128	.134	.299	-.561
130	420	-.447	.304	.659	-1.894
130	421	-.147	.111	.216	-.472
130	422	-.118	.130	.352	-.601

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	423	-.101	.125	.368	-.525
130	424	-.097	.125	.405	-.481
130	425	-.102	.127	.325	-.580
130	426	-.087	.131	.338	-.718
130	427	-.086	.147	.447	-.867
130	428	-.291	.260	.485	-1.291
130	429	-.469	.293	.864	-1.938
130	430	-.146	.143	.367	-.630
130	431	-.416	.263	.434	-1.699
130	432	-.155	.144	.364	-.685
130	433	-.122	.137	.366	-.586
130	434	-.089	.131	.364	-.533
130	435	-.077	.132	.361	-.498
130	436	-.070	.130	.346	-.479
130	437	-.040	.128	.377	-.457
130	438	-.049	.135	.361	-.569
130	439	-.239	.253	.490	-1.161
130	440	-.410	.237	.495	-1.473
130	441	-.120	.125	.290	-.646
130	442	-.405	.229	.394	-1.656
130	443	-.121	.121	.309	-.512
130	444	-.102	.120	.311	-.479
130	445	-.088	.122	.271	-.572
130	446	-.082	.120	.275	-.519
130	447	-.075	.121	.265	-.518
130	448	-.071	.125	.285	-.510
130	449	-.059	.136	.396	-.901
130	450	-.288	.221	.423	-1.563
130	451	-.417	.225	.417	-1.493
130	452	-.117	.125	.285	-.597
130	453	-.412	.237	.362	-1.621
130	454	-.133	.122	.261	-.694
130	455	-.117	.122	.296	-.643
130	456	-.100	.121	.305	-.570
130	457	-.097	.129	.299	-.597
130	458	-.103	.130	.287	-.705
130	459	-.113	.137	.330	-.702
130	460	-.146	.154	.279	-.929
130	461	-.307	.220	.469	-1.808
130	462	-.378	.223	.463	-1.913
130	463	-.138	.132	.323	-.579
130	464	-.334	.204	.482	-1.566
130	465	-.121	.125	.256	-.695
130	466	-.107	.115	.425	-.501
130	467	-.089	.117	.434	-.526
130	468	-.097	.118	.415	-.520
130	469	-.093	.138	.354	-.552
130	470	-.104	.144	.364	-.627
130	471	-.131	.159	.614	-.967
130	472	-.172	.164	.341	-.807

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	473	-.189	.165	.315	-.821
130	501	-.382	.218	.324	-1.588
130	502	-.334	.221	.322	-1.712
130	503	-.353	.242	.357	-1.863
130	504	-.428	.235	.301	-1.269
130	505	-.400	.217	.286	-1.143
130	506	-.374	.206	.278	-1.096
130	507	-.352	.199	.369	-1.073
130	508	-.351	.220	.290	-1.260
130	509	-.338	.188	.280	-1.236
130	510	-.299	.219	.282	-1.586
130	511	-.415	.249	.224	-1.453
130	512	-.324	.205	.279	-1.232
130	513	-.377	.176	.172	-.963
130	514	-.303	.170	.163	-1.042
130	515	-.300	.181	.179	-1.211
130	516	-.360	.217	.344	-1.329
130	517	-.349	.207	.340	-1.096
130	518	-.351	.212	.323	-1.083
130	519	-.342	.210	.340	-1.067
130	520	-.301	.200	.219	-1.253
130	521	-.271	.172	.303	-.979
130	522	-.214	.164	.295	-.969
130	523	-.198	.166	.273	-1.006
130	524	-.199	.174	.360	-1.300
130	525	-.192	.160	.395	-1.190
130	526	-.189	.168	.302	-1.148
130	527	-.181	.151	.305	-.737
130	528	-.181	.166	.348	-.803
130	529	-.294	.203	.403	-1.056
130	530	-.184	.162	.316	-.827
130	531	-.160	.157	.411	-1.068
130	532	-.158	.150	.346	-.762
130	533	-.401	.208	.190	-1.162
130	534	-.213	.161	.350	-.899
130	535	-.198	.154	.307	-.841
130	536	-.396	.229	.241	-1.149
130	537	-.355	.216	.249	-1.082
130	538	-.234	.168	.410	-.762
130	539	-.199	.165	.272	-1.003
130	540	-.192	.158	.297	-.746
130	541	-.345	.200	.216	-1.450
130	542	-.333	.208	.235	-1.058
130	543	-.278	.191	.308	-1.165
130	544	-.282	.170	.227	-1.140
130	545	-.237	.157	.334	-.783
130	546	-.204	.149	.258	-.680
130	547	-.191	.146	.252	-.624
130	548	-.159	.142	.328	-.640
130	549	-.166	.141	.290	-.627

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	550	-.139	.140	.396	-.631
130	551	-.235	.165	.274	-1.004
130	552	-.248	.169	.208	-.848
130	553	-.216	.163	.273	-.895
130	554	-.162	.141	.266	-.739
130	555	-.221	.165	.210	-1.140
130	556	-.206	.167	.360	-.836
130	557	-.182	.163	.374	-.852
130	558	-.169	.161	.393	-.932
130	559	-.151	.145	.427	-.810
130	560	-.165	.142	.288	-.678
130	561	-.148	.138	.324	-.661
130	562	-.139	.138	.312	-.659
130	563	-.141	.141	.337	-.672
130	564	-.211	.155	.309	-.968
130	565	-.211	.154	.252	-1.056
130	566	-.190	.148	.271	-.964
130	567	-.138	.124	.240	-.623
130	568	-.219	.168	.276	-1.345
130	569	-.209	.160	.277	-1.154
130	570	-.202	.150	.261	-.965
130	571	-.190	.141	.267	-.893
130	572	-.155	.130	.267	-.622
130	573	-.141	.127	.250	-.733
130	574	-.131	.127	.246	-.570
130	575	-.122	.127	.233	-.577
130	576	-.111	.126	.277	-.623
130	577	-.197	.168	.240	-.965
130	578	-.171	.154	.251	-.864
130	579	-.176	.148	.248	-.805
130	580	-.116	.127	.270	-.526
130	581	-.083	.132	.523	-.589
130	582	-.103	.133	.363	-.552
130	583	-.077	.129	.502	-.529
130	584	-.126	.130	.363	-.591
130	585	-.167	.147	.373	-.885
130	586	-.158	.139	.370	-.769
130	587	-.146	.123	.257	-.551
130	588	-.150	.118	.261	-.645
130	589	-.144	.116	.244	-.615
130	590	-.137	.115	.260	-.611
130	591	-.134	.115	.267	-.602
130	592	-.085	.129	.418	-.549
130	593	-.100	.122	.290	-.554
130	594	-.090	.122	.275	-.513
130	595	-.118	.127	.239	-.724
130	596	-.148	.141	.257	-.812
130	597	-.147	.133	.251	-.741
130	598	-.150	.135	.253	-.791
130	599	-.154	.136	.247	-.791

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	600	-.154	.137	.261	-.693
130	601	-.156	.134	.274	-.673
130	602	-.152	.133	.274	-.666
130	603	-.087	.129	.299	-.717
130	604	-.094	.120	.354	-.573
130	605	-.096	.117	.334	-.564
130	606	-.104	.116	.334	-.564
130	607	-.111	.127	.343	-.573
130	608	-.093	.136	.353	-.645
130	609	-.108	.135	.291	-.653
130	610	-.118	.138	.269	-.705
130	611	-.135	.138	.273	-.961
130	612	-.142	.131	.189	-.899
130	613	-.139	.141	.240	-.766
130	701	-.084	.128	.430	-.566
130	702	-.125	.163	.493	-1.039
130	703	-.187	.207	.616	-1.155
130	704	-.401	.190	.261	-1.127
130	705	-.518	.360	.342	-3.009
130	706	-.494	.269	.342	-2.429
130	707	-.162	.270	.803	-1.502
130	708	-.433	.252	.340	-1.666
130	709	-.392	.204	.283	-1.180
130	710	-.389	.182	.174	-1.050
130	711	-.460	.242	.569	-1.528
130	712	-.483	.220	.176	-1.238
130	713	-.424	.247	.230	-1.483
130	714	-.344	.204	.457	-1.250
130	715	-.322	.176	.272	-1.352
130	716	-.324	.201	.258	-1.520
130	717	-.527	.242	.246	-1.719
130	718	-.643	.280	.164	-1.738
130	719	-.353	.226	.296	-1.671
130	720	-.309	.211	.314	-1.342
130	721	-.458	.242	.381	-1.589
130	722	-.778	.325	.195	-2.089
130	723	-.326	.227	.277	-1.361
130	724	-.374	.247	.302	-1.678
130	725	-.330	.208	.262	-1.247
130	726	-.520	.282	.252	-2.147
130	727	-.750	.362	.329	-2.365
130	728	-.300	.222	.432	-1.365
130	801	-.009	.170	.687	-.619
130	802	-.031	.184	.574	-.588
140	101	-.300	.149	.206	-.952
140	102	-.305	.147	.183	-1.152
140	103	-.350	.165	.162	-1.314
140	104	-.395	.198	.235	-1.379
140	105	-.429	.203	.196	-1.453
140	106	-.292	.144	.115	-.861

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	107	-.452	.189	.142	-1.440
140	108	-.274	.139	.166	-.903
140	109	-.300	.151	.075	-2.161
140	110	-.351	.145	.061	-1.618
140	111	-.389	.152	.061	-1.008
140	112	-.414	.159	.082	-1.095
140	113	-.423	.171	.287	-1.054
140	114	-.441	.203	.267	-1.381
140	115	-.443	.226	.225	-1.598
140	116	-.504	.275	.395	-2.109
140	117	-.288	.138	.328	-.827
140	118	-.596	.242	.385	-1.507
140	119	-.428	.163	.274	-1.393
140	120	-.408	.153	.129	-.951
140	121	-.420	.182	.169	-1.155
140	122	-.487	.221	.188	-1.334
140	123	-.513	.244	.191	-1.564
140	124	-.363	.164	.120	-.996
140	125	-.378	.152	.124	-1.066
140	126	-.433	.165	.206	-1.375
140	127	-.434	.182	.177	-1.951
140	128	-.488	.210	.141	-1.766
140	129	-.466	.208	.429	-1.475
140	130	-.418	.181	.315	-1.129
140	131	-.349	.162	.255	-.977
140	132	-.310	.161	.306	-.883
140	133	-.315	.165	.297	-.909
140	134	-.471	.163	.112	-1.348
140	135	-.261	.164	.225	-1.296
140	136	-.415	.163	.237	-.980
140	137	-.406	.189	.287	-.982
140	138	-.446	.211	.264	-1.442
140	139	-.381	.205	.509	-1.262
140	140	-.426	.206	.311	-1.523
140	141	-.461	.236	.307	-1.504
140	142	-.460	.260	.271	-2.036
140	143	-.373	.234	.302	-1.333
140	144	-.307	.226	.451	-1.053
140	145	-.288	.212	.480	-1.145
140	146	-.258	.194	.366	-1.162
140	147	-.211	.171	.382	-.793
140	148	-.195	.161	.289	-.823
140	149	-.191	.164	.226	-1.327
140	150	-.464	.261	.249	-1.651
140	151	-.163	.151	.264	-1.041
140	152	-.084	.185	.641	-.843
140	153	-.363	.236	.486	-1.645
140	154	-.358	.238	.693	-1.569
140	155	-.301	.248	.521	-1.696
140	156	-.266	.246	.440	-1.319
140	157	-.213	.238	.432	-1.283
140	158	-.214	.223	.394	-1.340
140	159	-.177	.202	.613	-1.084
140	160	-.144	.168	.424	-.806
140	161	-.138	.136	.461	-.657
140	162	-.164	.137	.281	-.932
140	163	-.315	.201	.386	-1.862
140	164	-.152	.131	.261	-.972
140	165	-.051	.149	.497	-.655
140	166	-.300	.225	.259	-1.851
140	167	-.283	.215	.347	-1.620
140	168	-.242	.190	.334	-1.184
140	169	-.213	.186	.205	-1.392
140	170	-.210	.180	.202	-1.273
140	171	-.201	.180	.224	-1.357
140	172	-.161	.156	.404	-1.049
140	173	-.115	.142	.303	-.783
140	174	-.107	.134	.298	-.642
140	175	-.112	.136	.304	-.622
140	176	.010	.176	.598	-.599
140	201	.154	.161	.786	-.625
140	202	.588	.223	1.367	-.566
140	203	-.069	.205	.589	-1.183
140	204	-.087	.165	.497	-.826
140	205	-.263	.156	.238	-.934
140	206	-.282	.150	.238	-.809
140	207	-.391	.150	.137	-1.078
140	208	.320	.176	.913	-.597
140	209	.683	.230	1.429	-.410
140	210	-.181	.276	.823	-1.946
140	211	-.310	.137	.132	-.760
140	212	.401	.163	1.034	-.311
140	213	.713	.210	1.437	-.146
140	214	-.145	.256	.794	-1.181
140	215	.101	.290	1.041	-1.699
140	216	-.070	.146	.479	-.653
140	217	-.282	.146	.392	-.921
140	218	-.310	.150	.386	-1.018
140	219	.354	.175	.935	-.317
140	220	.655	.213	1.370	-.138
140	221	-.236	.261	.763	-1.464
140	222	-.309	.149	.225	-.829
140	223	.276	.162	.833	-.348
140	224	.616	.212	1.569	-.120
140	225	-.254	.229	.612	-1.271
140	226	-.147	.277	.874	-1.271
140	227	-.093	.151	.648	-.747
140	228	-.300	.154	.322	-.922
140	229	-.363	.163	.174	-1.186
140	230	-.449	.195	.359	-1.153
140	231	-.448	.192	.265	-1.392
140	232	-.459	.202	.448	-1.700
140	233	-.475	.207	.224	-1.387
140	234	.292	.179	.888	-.530
140	235	.584	.211	1.228	-.299
140	236	-.205	.246	.781	-1.310
140	237	-.361	.254	.564	-1.587
140	238	-.408	.188	.215	-1.029
140	239	-.402	.219	.355	-1.448
140	240	-.443	.280	.511	-2.518
140	241	-.356	.211	.424	-1.188
140	242	.323	.171	.959	-.382
140	243	.563	.223	1.289	-.388
140	244	-.102	.262	.832	-1.169
140	245	.029	.182	.662	-.904
140	246	-.090	.161	.540	-.695
140	247	-.213	.159	.600	-.756
140	248	-.272	.168	.413	-.767
140	249	-.324	.172	.540	-.946
140	250	-.190	.176	.481	-.948
140	251	-.271	.164	.332	-.898
140	252	-.380	.187	.340	-1.310
140	253	-.243	.173	.508	-.898
140	254	.260	.177	.979	-.475
140	255	.476	.215	1.509	-.319
140	256	-.057	.191	.537	-.968
140	257	-.343	.228	.404	-1.074
140	258	.195	.180	1.001	-.594
140	259	.402	.218	1.169	-.482
140	260	.024	.259	.972	-1.716
140	261	.045	.223	.914	-1.657
140	262	-.031	.170	.723	-.720
140	263	-.106	.184	.854	-.891
140	264	-.114	.182	.752	-.718
140	265	-.049	.188	.828	-.781
140	266	-.077	.191	.719	-1.127
140	267	-.235	.231	.575	-1.562
140	268	.136	.193	.812	-.638
140	269	.310	.220	1.084	-.566
140	270	-.015	.259	.871	-1.455
140	271	-.226	.200	.503	-1.089
140	272	-.095	.162	.542	-.935
140	273	-.180	.196	.499	-1.035
140	274	-.206	.184	.454	-1.230
140	275	.062	.201	.715	-.781
140	276	.145	.243	.919	-.829
140	277	-.076	.258	.600	-1.258
140	278	.005	.239	.831	-1.514
140	279	-.009	.195	.652	-.746
140	280	.017	.176	.613	-.625

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	281	.071	.168	.689	-.527
140	282	-.025	.172	.613	-.795
140	283	-.068	.163	.487	-1.047
140	284	-.088	.159	.473	-.852
140	285	.037	.176	.731	-.683
140	286	.021	.189	.613	-.778
140	287	.092	.229	.813	-1.017
140	288	-.038	.221	.664	-.936
140	289	-.013	.231	.707	-1.100
140	290	-.014	.211	.670	-.719
140	291	.024	.213	.816	-.636
140	292	.035	.215	.902	-.539
140	293	.031	.222	.879	-.673
140	294	.060	.188	.722	-.829
140	295	.075	.183	.756	-.781
140	296	-.026	.158	.529	-.829
140	297	.037	.184	.802	-.652
140	298	-.013	.187	.606	-.802
140	299	.008	.187	.670	-.708
140	300	-.022	.194	.677	-1.132
140	301	-.005	.179	.716	-.702
140	302	.025	.211	.710	-.564
140	303	.054	.203	.729	-.551
140	304	.054	.204	.741	-.569
140	401	-.380	.154	.147	-.931
140	402	-.318	.134	.118	-.812
140	403	-.306	.129	.124	-.829
140	404	-.351	.134	.096	-.864
140	405	-.670	.218	.046	-1.511
140	406	-.775	.211	.038	-1.683
140	407	-.360	.159	.079	-.963
140	408	-.822	.254	.486	-1.814
140	409	-.235	.152	.271	-.663
140	410	-.199	.140	.237	-.568
140	411	-.217	.138	.232	-.616
140	412	-.241	.143	.218	-.692
140	413	-.243	.134	.281	-.680
140	414	-.205	.125	.269	-.613
140	415	-.141	.120	.290	-.528
140	416	-.105	.127	.323	-.568
140	417	-.515	.276	.333	-1.417
140	418	-.680	.248	.312	-1.540
140	419	-.120	.132	.349	-.576
140	420	-.574	.241	.285	-1.423
140	421	-.141	.104	.189	-.433
140	422	-.112	.122	.286	-.482
140	423	-.077	.121	.317	-.418
140	424	-.066	.121	.322	-.428
140	425	-.058	.117	.339	-.502
140	426	-.049	.120	.349	-.542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	427	-.048	.140	.378	-.869
140	428	-.423	.268	.429	-1.450
140	429	-.563	.235	.364	-1.488
140	430	-.138	.118	.247	-.545
140	431	-.461	.219	.262	-1.403
140	432	-.143	.119	.254	-.618
140	433	-.111	.130	.266	-.484
140	434	-.075	.129	.281	-.487
140	435	-.058	.131	.302	-.477
140	436	-.046	.132	.314	-.481
140	437	-.016	.145	.469	-.519
140	438	-.005	.131	.417	-.578
140	439	-.231	.245	.405	-1.087
140	440	-.372	.218	.370	-1.239
140	441	-.137	.135	.292	-.645
140	442	-.418	.227	.283	-1.235
140	443	-.142	.131	.251	-.634
140	444	-.116	.129	.284	-.610
140	445	-.084	.131	.463	-.532
140	446	-.079	.129	.469	-.498
140	447	-.069	.130	.469	-.495
140	448	-.057	.131	.455	-.486
140	449	-.049	.135	.354	-.623
140	450	-.265	.212	.341	-1.075
140	451	-.375	.213	.324	-1.404
140	452	-.127	.127	.273	-.535
140	453	-.352	.222	.309	-1.561
140	454	-.154	.134	.300	-.728
140	455	-.125	.132	.336	-.594
140	456	-.082	.130	.378	-.553
140	457	-.064	.123	.358	-.491
140	458	-.075	.122	.332	-.479
140	459	-.073	.127	.325	-.489
140	460	-.091	.143	.339	-.772
140	461	-.223	.189	.332	-.846
140	462	-.298	.181	.349	-.887
140	463	-.142	.119	.286	-.552
140	464	-.262	.179	.373	-1.300
140	465	-.158	.136	.279	-.699
140	466	-.097	.121	.384	-.464
140	467	-.063	.122	.431	-.463
140	468	-.056	.124	.416	-.541
140	469	-.035	.123	.396	-.432
140	470	-.038	.124	.398	-.438
140	471	-.058	.135	.403	-.538
140	472	-.116	.151	.380	-.694
140	473	-.163	.170	.397	-.911
140	501	-.423	.217	.330	-1.346
140	502	-.427	.222	.279	-1.187
140	503	-.476	.242	.311	-1.492

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	504	-.594	.221	-.001	-1.390
140	505	-.591	.218	.015	-1.401
140	506	-.555	.220	.072	-1.374
140	507	-.520	.215	.104	-1.306
140	508	-.469	.225	.251	-1.366
140	509	-.406	.190	.240	-1.126
140	510	-.487	.283	.195	-1.709
140	511	-.517	.228	.301	-1.528
140	512	-.452	.227	.201	-1.540
140	513	-.394	.168	.178	-1.024
140	514	-.377	.192	.254	-1.247
140	515	-.394	.217	.323	-1.317
140	516	-.450	.205	.127	-1.185
140	517	-.472	.207	.082	-1.404
140	518	-.510	.232	.100	-1.436
140	519	-.496	.227	.115	-1.412
140	520	-.432	.215	.236	-1.337
140	521	-.289	.176	.514	-1.307
140	522	-.189	.159	.432	-1.155
140	523	-.166	.157	.325	-1.100
140	524	-.174	.168	.324	-1.056
140	525	-.173	.153	.350	-.969
140	526	-.177	.150	.337	-.744
140	527	-.149	.143	.343	-.775
140	528	-.152	.139	.332	-.817
140	529	-.366	.180	.345	-.955
140	530	-.186	.151	.457	-.756
140	531	-.160	.137	.272	-.741
140	532	-.141	.141	.458	-.623
140	533	-.398	.177	.114	-1.021
140	534	-.179	.147	.380	-.727
140	535	-.152	.127	.217	-1.035
140	536	-.438	.183	.208	-1.358
140	537	-.392	.177	.220	-1.180
140	538	-.252	.149	.294	-.790
140	539	-.168	.136	.232	-.880
140	540	-.163	.132	.252	-.654
140	541	-.356	.165	.205	-1.076
140	542	-.337	.176	.192	-1.229
140	543	-.259	.158	.353	-.924
140	544	-.229	.148	.268	-.997
140	545	-.215	.153	.270	-.757
140	546	-.173	.143	.263	-.875
140	547	-.168	.144	.284	-.794
140	548	-.152	.122	.225	-.570
140	549	-.149	.140	.293	-.658
140	550	-.140	.120	.223	-.537
140	551	-.246	.148	.223	-.891
140	552	-.245	.158	.237	-1.036
140	553	-.219	.136	.194	-.828

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	554	-.151	.127	.280	-.654
140	555	-.226	.155	.211	-1.167
140	556	-.223	.152	.323	-.827
140	557	-.212	.143	.251	-.790
140	558	-.188	.140	.319	-.647
140	559	-.159	.128	.281	-.681
140	560	-.167	.119	.217	-.612
140	561	-.166	.116	.249	-.592
140	562	-.152	.116	.254	-.583
140	563	-.149	.118	.259	-.589
140	564	-.213	.157	.343	-.956
140	565	-.209	.151	.307	-.966
140	566	-.191	.144	.327	-.789
140	567	-.120	.123	.330	-.624
140	568	-.200	.160	.250	-1.302
140	569	-.187	.149	.259	-1.153
140	570	-.189	.147	.344	-.849
140	571	-.179	.141	.311	-.828
140	572	-.186	.122	.174	-.734
140	573	-.171	.119	.285	-.681
140	574	-.159	.119	.190	-.630
140	575	-.151	.120	.202	-.620
140	576	-.142	.120	.291	-.614
140	577	-.195	.146	.271	-1.070
140	578	-.183	.133	.261	-.759
140	579	-.201	.142	.266	-1.141
140	580	-.132	.129	.307	-.528
140	581	-.125	.132	.311	-.778
140	582	-.120	.128	.313	-.571
140	583	-.114	.129	.313	-.536
140	584	-.141	.144	.380	-.719
140	585	-.176	.158	.305	-.964
140	586	-.163	.153	.320	-.821
140	587	-.158	.146	.323	-.701
140	588	-.156	.134	.223	-.682
140	589	-.154	.132	.251	-.649
140	590	-.146	.133	.265	-.602
140	591	-.146	.133	.268	-.596
140	592	-.103	.126	.308	-.532
140	593	-.120	.120	.299	-.522
140	594	-.110	.120	.302	-.501
140	595	-.125	.123	.289	-.520
140	596	-.140	.134	.259	-.745
140	597	-.141	.127	.280	-.661
140	598	-.153	.134	.318	-.719
140	599	-.161	.140	.271	-.851
140	600	-.182	.129	.227	-.708
140	601	-.185	.126	.214	-.705
140	602	-.178	.125	.220	-.678
140	603	-.095	.120	.329	-.560
140	604	-.121	.122	.295	-.586
140	605	-.117	.119	.297	-.556
140	606	-.126	.124	.306	-.645
140	607	-.123	.125	.311	-.715
140	608	-.125	.142	.284	-.845
140	609	-.137	.138	.256	-.774
140	610	-.151	.143	.272	-.791
140	611	-.145	.131	.284	-.686
140	612	-.150	.135	.243	-.777
140	613	-.163	.135	.274	-.623
140	701	-.120	.145	.432	-.965
140	702	-.206	.192	.443	-1.281
140	703	-.257	.237	.472	-1.152
140	704	-.413	.180	.178	-.988
140	705	-.490	.257	.329	-2.218
140	706	-.499	.215	.371	-1.685
140	707	-.240	.266	.643	-1.533
140	708	-.471	.203	.196	-1.613
140	709	-.399	.166	.172	-1.264
140	710	-.407	.151	.218	-.877
140	711	-.442	.193	.220	-1.262
140	712	-.442	.182	.196	-1.578
140	713	-.430	.209	.235	-1.243
140	714	-.289	.183	.500	-.977
140	715	-.422	.191	.237	-1.210
140	716	-.233	.174	.462	-.924
140	717	-.532	.234	.199	-1.370
140	718	-.753	.239	.199	-1.703
140	719	-.263	.216	.574	-1.152
140	720	-.215	.166	.329	-.836
140	721	-.389	.188	.302	-1.033
140	722	-.851	.247	.008	-2.166
140	723	-.327	.214	.617	-1.216
140	724	-.556	.271	.205	-1.797
140	725	-.483	.237	.188	-1.706
140	726	-.545	.205	.107	-1.331
140	727	-.816	.248	.202	-1.796
140	728	-.208	.169	.415	-.862
140	801	.061	.201	.852	-.478
140	802	.065	.186	.822	-.480
150	101	-.251	.137	.211	-.737
150	102	-.256	.135	.238	-.820
150	103	-.290	.159	.243	-1.000
150	104	-.308	.198	.325	-1.404
150	105	-.330	.198	.427	-1.781
150	106	-.248	.126	.187	-.684
150	107	-.356	.182	.185	-1.307
150	108	-.247	.126	.242	-.668
150	109	-.263	.139	.210	-.945
150	110	-.307	.140	.163	-1.260
150	111	-.350	.148	.092	-.961
150	112	-.355	.156	.158	-.964
150	113	-.384	.152	.184	-.956
150	114	-.408	.180	.081	-1.490
150	115	-.427	.225	.149	-1.844
150	116	-.509	.279	.334	-2.098
150	117	-.287	.143	.278	-.845
150	118	-.551	.260	.238	-1.476
150	119	-.405	.175	.252	-.960
150	120	-.393	.162	.213	-.925
150	121	-.392	.154	.196	-.925
150	122	-.442	.181	.160	-1.149
150	123	-.469	.197	.171	-1.152
150	124	-.330	.146	.191	-.951
150	125	-.382	.154	.106	-1.194
150	126	-.422	.167	.105	-1.411
150	127	-.438	.185	.150	-1.978
150	128	-.475	.203	.163	-2.041
150	129	-.446	.188	.233	-1.445
150	130	-.416	.160	.199	-1.044
150	131	-.379	.149	.136	-.865
150	132	-.379	.169	.096	-1.016
150	133	-.388	.188	.116	-1.165
150	134	-.406	.165	.119	-1.097
150	135	-.342	.203	.277	-1.419
150	136	-.398	.155	.220	-.973
150	137	-.405	.162	.265	-1.126
150	138	-.429	.201	.526	-1.357
150	139	-.364	.186	.528	-.971
150	140	-.336	.196	.268	-1.587
150	141	-.374	.208	.554	-1.343
150	142	-.381	.204	.428	-1.464
150	143	-.362	.200	.348	-1.411
150	144	-.338	.198	.362	-1.301
150	145	-.315	.201	.301	-1.049
150	146	-.297	.200	.402	-1.037
150	147	-.246	.182	.297	-.937
150	148	-.216	.171	.297	-1.044
150	149	-.258	.195	.295	-1.238
150	150	-.377	.209	.611	-1.232
150	151	-.215	.192	.359	-1.417
150	152	-.159	.159	.370	-.736
150	153	-.318	.200	.378	-1.133
150	154	-.313	.199	.363	-1.225
150	155	-.308	.210	.399	-1.423
150	156	-.301	.219	.336	-1.401
150	157	-.322	.240	.292	-1.207
150	158	-.319	.238	.257	-1.213
150	159	-.285	.234	.295	-1.416
150	160	-.204	.197	.747	-1.125

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	161	-.163	.154	.381	-.862
150	162	-.171	.157	.556	-1.311
150	163	-.310	.221	.404	-1.370
150	164	-.140	.142	.396	-1.330
150	165	-.042	.148	.424	-.784
150	166	-.287	.254	.293	-1.980
150	167	-.270	.231	.316	-1.437
150	168	-.226	.197	.310	-1.091
150	169	-.231	.190	.354	-1.530
150	170	-.208	.175	.338	-1.060
150	171	-.204	.176	.338	-1.067
150	172	-.158	.161	.368	-.983
150	173	-.150	.161	.412	-.916
150	174	-.123	.147	.314	-.788
150	175	-.124	.150	.313	-.843
150	176	.102	.174	.759	-.461
150	201	.247	.185	.898	-.443
150	202	.668	.208	1.360	-.233
150	203	.024	.216	.709	-1.001
150	204	.005	.169	.581	-.685
150	205	-.147	.150	.489	-.735
150	206	-.178	.139	.318	-.707
150	207	-.267	.138	.178	-.711
150	208	.374	.176	1.005	-.312
150	209	.701	.215	1.509	-.257
150	210	-.061	.258	.964	-1.396
150	211	-.243	.139	.254	-.686
150	212	.411	.184	1.018	-.319
150	213	.726	.228	1.420	-.248
150	214	-.022	.285	1.275	-.935
150	215	.182	.286	.833	-1.134
150	216	.011	.149	.747	-.580
150	217	-.224	.155	.324	-.815
150	218	-.267	.160	.353	-.874
150	219	.317	.172	.912	-.381
150	220	.619	.229	1.499	-.266
150	221	-.083	.271	1.022	-1.208
150	222	-.313	.140	.199	-.880
150	223	.202	.182	.827	-.494
150	224	.579	.226	1.253	-.324
150	225	-.148	.240	.976	-1.040
150	226	-.027	.279	.921	-1.008
150	227	-.039	.150	.438	-.661
150	228	-.249	.141	.389	-.765
150	229	-.316	.145	.310	-.849
150	230	-.421	.182	.451	-1.204
150	231	-.451	.189	.461	-1.495
150	232	-.450	.197	.501	-1.472
150	233	-.456	.206	.622	-1.537
150	234	.166	.188	.760	-.713
150	235	.482	.226	1.234	-.981
150	236	-.075	.268	1.005	-.852
150	237	-.374	.225	.573	-1.554
150	238	-.393	.164	.293	-1.615
150	239	-.351	.195	.545	-1.269
150	240	-.354	.217	.610	-1.562
150	241	-.324	.197	.283	-1.020
150	242	.194	.189	.985	-.555
150	243	.420	.236	1.322	-.906
150	244	-.056	.275	.846	-1.239
150	245	.019	.195	.721	-.720
150	246	-.101	.161	.887	-.684
150	247	-.223	.155	.797	-.740
150	248	-.271	.144	.512	-.738
150	249	-.320	.167	.765	-.887
150	250	-.226	.177	.651	-.804
150	251	-.260	.161	.623	-.838
150	252	-.301	.181	.450	-.938
150	253	-.252	.155	.527	-.755
150	254	.201	.163	.733	-.494
150	255	.387	.220	1.187	-1.072
150	256	-.063	.195	.526	-.733
150	257	-.304	.184	.305	-1.088
150	258	.133	.157	.652	-.387
150	259	.338	.209	1.114	-.597
150	260	-.012	.196	.642	-1.095
150	261	.006	.167	.548	-.897
150	262	-.057	.149	.635	-.504
150	263	-.159	.153	.388	-.713
150	264	-.154	.150	.351	-.683
150	265	-.089	.159	.517	-.730
150	266	-.175	.183	.649	-.775
150	267	-.294	.200	.393	-.958
150	268	.131	.176	.720	-.545
150	269	.278	.200	1.077	-.494
150	270	-.024	.219	.689	-1.145
150	271	-.227	.195	.388	-1.045
150	272	-.118	.164	.442	-.772
150	273	-.213	.197	.422	-1.088
150	274	-.289	.196	.278	-1.113
150	275	.080	.150	.769	-.529
150	276	.171	.177	.826	-.412
150	277	-.031	.216	.555	-1.224
150	278	.047	.180	.575	-1.092
150	279	.042	.154	.538	-.758
150	280	.050	.147	.535	-.437
150	281	.086	.145	.545	-.426
150	282	.009	.177	.704	-.742
150	283	-.036	.169	.561	-.824
150	284	-.065	.167	.554	-.729
150	285	.027	.163	.720	-.586
150	286	.064	.154	.604	-.633
150	287	.141	.184	.799	-.687
150	288	.014	.194	.592	-.860
150	289	.036	.197	.638	-.938
150	290	.066	.173	.586	-.787
150	291	.105	.171	.649	-.764
150	292	.121	.171	.685	-.487
150	293	.127	.174	.732	-.525
150	294	.084	.173	.669	-.548
150	295	.090	.167	.657	-.537
150	296	-.002	.142	.571	-.568
150	297	.059	.165	.677	-.565
150	298	.074	.158	.538	-.633
150	299	.082	.156	.544	-.609
150	300	.072	.158	.529	-.706
150	301	.107	.160	.601	-.514
150	302	.084	.169	.762	-.524
150	303	.096	.163	.780	-.513
150	304	.101	.165	.812	-.518
150	401	-.332	.179	.252	-.866
150	402	-.215	.156	.323	-.710
150	403	-.155	.149	.312	-.668
150	404	-.194	.152	.266	-.715
150	405	-.484	.230	.249	-1.349
150	406	-.621	.223	.241	-1.345
150	407	-.359	.166	.183	-.941
150	408	-.578	.252	.309	-1.497
150	409	-.199	.157	.300	-.844
150	410	-.114	.143	.440	-.619
150	411	-.125	.136	.415	-.619
150	412	-.174	.135	.341	-.666
150	413	-.202	.136	.218	-.611
150	414	-.147	.126	.263	-.554
150	415	-.072	.122	.317	-.423
150	416	-.035	.129	.356	-.479
150	417	-.432	.297	.542	-1.409
150	418	-.532	.258	.455	-1.555
150	419	-.143	.142	.319	-.787
150	420	-.511	.261	.552	-1.615
150	421	-.163	.111	.151	-.533
150	422	-.115	.127	.280	-.594
150	423	-.062	.121	.312	-.542
150	424	-.051	.121	.315	-.538
150	425	-.046	.113	.360	-.507
150	426	-.032	.117	.388	-.477
150	427	-.062	.159	.408	-.915
150	428	-.448	.301	.554	-1.486
150	429	-.518	.278	.380	-1.818
150	430	-.158	.149	.314	-.793

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	431	-.471	.269	.337	-1.531
150	432	-.170	.153	.309	-.831
150	433	-.131	.130	.341	-.557
150	434	-.074	.122	.403	-.473
150	435	-.058	.124	.393	-.643
150	436	-.046	.123	.359	-.576
150	437	-.043	.121	.444	-.517
150	438	-.066	.187	.457	-1.264
150	439	-.262	.297	.576	-1.574
150	440	-.414	.261	.440	-1.479
150	441	-.181	.140	.287	-.764
150	442	-.407	.257	.372	-1.524
150	443	-.175	.135	.303	-.600
150	444	-.135	.128	.315	-.511
150	445	-.070	.128	.379	-.641
150	446	-.047	.125	.406	-.679
150	447	-.037	.125	.412	-.726
150	448	-.037	.128	.406	-.641
150	449	-.064	.128	.328	-1.138
150	450	-.227	.229	.384	-1.362
150	451	-.363	.238	.383	-1.511
150	452	-.157	.127	.245	-.728
150	453	-.307	.197	.342	-1.196
150	454	-.154	.123	.268	-.537
150	455	-.118	.120	.285	-.518
150	456	-.064	.117	.341	-.482
150	457	-.049	.119	.329	-.477
150	458	-.034	.117	.338	-.473
150	459	-.033	.120	.344	-.479
150	460	-.043	.132	.368	-.846
150	461	-.175	.202	.370	-1.078
150	462	-.249	.198	.295	-1.294
150	463	-.159	.136	.275	-.591
150	464	-.220	.202	.442	-1.618
150	465	-.151	.128	.279	-.614
150	466	-.092	.120	.355	-.499
150	467	-.046	.121	.366	-.468
150	468	-.037	.123	.368	-.463
150	469	-.017	.115	.351	-.393
150	470	-.013	.114	.369	-.390
150	471	-.026	.122	.375	-.494
150	472	-.074	.141	.375	-.607
150	473	-.112	.150	.339	-.866
150	501	-.359	.229	.381	-1.163
150	502	-.403	.232	.337	-1.185
150	503	-.446	.239	.283	-1.258
150	504	-.584	.241	.081	-1.460
150	505	-.584	.238	.010	-1.506
150	506	-.603	.268	.056	-1.622
150	507	-.592	.268	.093	-1.461
150	508	-.583	.242	.232	-1.521
150	509	-.377	.191	.275	-1.011
150	510	-.566	.287	.263	-1.958
150	511	-.541	.190	.335	-1.418
150	512	-.580	.280	.177	-1.663
150	513	-.363	.177	.192	-1.011
150	514	-.473	.214	.087	-1.391
150	515	-.529	.250	.181	-1.529
150	516	-.475	.202	.197	-1.254
150	517	-.487	.213	.195	-1.251
150	518	-.528	.254	.157	-1.381
150	519	-.529	.251	.148	-1.547
150	520	-.519	.243	.104	-1.432
150	521	-.271	.181	.390	-1.093
150	522	-.190	.178	.346	-1.032
150	523	-.180	.181	.371	-1.026
150	524	-.218	.187	.354	-.992
150	525	-.210	.173	.308	-.948
150	526	-.179	.152	.261	-.956
150	527	-.192	.159	.243	-.849
150	528	-.194	.159	.434	-.958
150	529	-.323	.175	.290	-1.288
150	530	-.178	.159	.482	-1.063
150	531	-.210	.169	.312	-.981
150	532	-.183	.148	.325	-.780
150	533	-.375	.165	.199	-1.114
150	534	-.221	.152	.290	-.804
150	535	-.212	.147	.254	-.839
150	536	-.423	.180	.086	-.963
150	537	-.389	.181	.125	-1.019
150	538	-.292	.163	.169	-.943
150	539	-.224	.149	.308	-.946
150	540	-.218	.146	.336	-.834
150	541	-.339	.171	.252	-1.149
150	542	-.324	.174	.344	-1.067
150	543	-.315	.181	.285	-1.042
150	544	-.283	.153	.197	-.873
150	545	-.247	.139	.241	-.793
150	546	-.220	.138	.245	-.929
150	547	-.211	.140	.245	-.947
150	548	-.192	.151	.306	-.751
150	549	-.184	.136	.282	-.707
150	550	-.180	.147	.336	-.728
150	551	-.250	.162	.293	-1.177
150	552	-.261	.166	.332	-1.150
150	553	-.274	.168	.202	-1.166
150	554	-.210	.143	.242	-.947
150	555	-.261	.175	.423	-1.467
150	556	-.239	.175	.292	-1.015
150	557	-.263	.189	.287	-1.379
150	558	-.250	.182	.295	-1.007
150	559	-.231	.172	.329	-.993
150	560	-.191	.160	.282	-1.035
150	561	-.180	.152	.246	-.739
150	562	-.169	.152	.281	-.670
150	563	-.172	.154	.294	-.678
150	564	-.231	.187	.322	-1.165
150	565	-.229	.178	.496	-.889
150	566	-.251	.201	.333	-1.213
150	567	-.188	.169	.270	-.910
150	568	-.205	.163	.316	-1.298
150	569	-.205	.148	.333	-.881
150	570	-.234	.173	.372	-1.396
150	571	-.229	.163	.350	-1.270
150	572	-.226	.170	.265	-1.011
150	573	-.221	.169	.269	-1.067
150	574	-.206	.162	.325	-.944
150	575	-.198	.159	.313	-.935
150	576	-.197	.163	.360	-.992
150	577	-.208	.173	.394	-1.174
150	578	-.201	.163	.442	-1.034
150	579	-.241	.185	.362	-1.519
150	580	-.221	.163	.205	-1.036
150	581	-.116	.139	.327	-.621
150	582	-.113	.121	.215	-.557
150	583	-.121	.138	.284	-.796
150	584	-.165	.147	.378	-.739
150	585	-.198	.162	.358	-1.035
150	586	-.194	.156	.358	-.980
150	587	-.239	.164	.351	-1.121
150	588	-.255	.179	.261	-1.318
150	589	-.256	.173	.254	-1.212
150	590	-.238	.168	.273	-1.384
150	591	-.241	.166	.277	-1.298
150	592	-.071	.131	.329	-.550
150	593	-.114	.123	.250	-.550
150	594	-.098	.122	.272	-.560
150	595	-.113	.129	.309	-.647
150	596	-.113	.144	.349	-.859
150	597	-.120	.138	.332	-.835
150	598	-.170	.160	.326	-.922
150	599	-.230	.192	.321	-1.410
150	600	-.266	.166	.212	-1.192
150	601	-.266	.149	.201	-.917
150	602	-.256	.149	.209	-.923
150	603	-.086	.122	.402	-.693
150	604	-.100	.126	.329	-.581
150	605	-.098	.122	.335	-.551
150	606	-.100	.126	.335	-.628
150	607	-.086	.130	.338	-.618

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	608	-.100	.126	.291	-.573
150	609	-.130	.136	.268	-.730
150	610	-.178	.160	.250	-.902
150	611	-.201	.148	.190	-1.000
150	612	-.287	.186	.160	-1.195
150	613	-.234	.157	.204	-.971
150	701	-.135	.161	.435	-.729
150	702	-.281	.199	.252	-1.323
150	703	-.347	.229	.279	-1.376
150	704	-.379	.171	.217	-1.030
150	705	-.377	.195	.564	-1.483
150	706	-.400	.189	.327	-1.449
150	707	-.316	.230	.518	-1.376
150	708	-.446	.184	.220	-1.241
150	709	-.393	.164	.241	-1.009
150	710	-.389	.154	.124	-1.233
150	711	-.394	.191	.426	-1.186
150	712	-.422	.200	.277	-2.169
150	713	-.423	.200	.153	-1.498
150	714	-.227	.195	.569	-1.016
150	715	-.514	.211	.073	-1.732
150	716	-.142	.160	.526	-.720
150	717	-.411	.200	.331	-1.244
150	718	-.619	.198	.100	-1.358
150	719	-.187	.220	.630	-1.024
150	720	-.154	.160	.353	-.867
150	721	-.224	.136	.187	-.835
150	722	-.826	.242	.024	-2.018
150	723	-.224	.193	.468	-1.024
150	724	-.507	.258	.376	-1.538
150	725	-.570	.270	.111	-1.436
150	726	-.468	.205	.172	-1.239
150	727	-.742	.217	.036	-1.588
150	728	-.130	.135	.432	-.622
150	801	.117	.186	.705	-.533
150	802	.113	.166	.665	-.465
160	101	-.275	.151	.298	-.897
160	102	-.278	.148	.283	-.885
160	103	-.307	.166	.192	-1.069
160	104	-.321	.196	.252	-1.458
160	105	-.313	.193	.228	-1.360
160	106	-.274	.135	.276	-.886
160	107	-.331	.177	.225	-1.330
160	108	-.282	.135	.203	-.851
160	109	-.283	.148	.181	-1.265
160	110	-.310	.154	.140	-1.429
160	111	-.334	.155	.211	-1.184
160	112	-.320	.156	.188	-1.283
160	113	-.333	.150	.209	-.942
160	114	-.305	.157	.238	-.906
160	115	-.286	.183	.366	-1.275
160	116	-.295	.195	.326	-1.807
160	117	-.303	.139	.102	-.862
160	118	-.358	.187	.387	-1.284
160	119	-.355	.158	.287	-.970
160	120	-.355	.153	.138	-.977
160	121	-.370	.145	.178	-1.038
160	122	-.386	.153	.196	-.991
160	123	-.403	.162	.189	-1.172
160	124	-.336	.160	.139	-1.607
160	125	-.315	.151	.176	-1.140
160	126	-.346	.164	.149	-1.714
160	127	-.341	.152	.483	-.971
160	128	-.369	.168	.321	-1.139
160	129	-.338	.160	.245	-1.217
160	130	-.313	.139	.222	-1.095
160	131	-.301	.138	.285	-.780
160	132	-.309	.163	.225	-1.014
160	133	-.310	.171	.202	-.980
160	134	-.349	.177	.155	-.985
160	135	-.271	.163	.247	-1.055
160	136	-.398	.183	.203	-1.419
160	137	-.397	.198	.446	-1.546
160	138	-.459	.242	.610	-1.846
160	139	-.321	.198	.781	-.947
160	140	-.226	.170	.334	-1.384
160	141	-.229	.191	.379	-2.450
160	142	-.251	.191	.321	-1.723
160	143	-.249	.185	.367	-1.378
160	144	-.231	.156	.340	-.868
160	145	-.222	.160	.708	-.844
160	146	-.222	.154	.510	-.833
160	147	-.227	.155	.608	-.771
160	148	-.239	.163	.498	-.838
160	149	-.239	.161	.229	-.895
160	150	-.194	.134	.176	-.870
160	151	-.225	.154	.311	-1.143
160	152	-.201	.147	.287	-.695
160	153	-.168	.140	.284	-.938
160	154	-.166	.138	.291	-.909
160	155	-.173	.142	.282	-1.026
160	156	-.188	.149	.272	-1.290
160	157	-.195	.139	.234	-.755
160	158	-.195	.137	.220	-.751
160	159	-.197	.141	.245	-.771
160	160	-.198	.144	.271	-.864
160	161	-.196	.145	.185	-.760
160	162	-.201	.146	.214	-.814
160	163	-.172	.147	.289	-.886
160	164	-.181	.144	.245	-.706
160	165	.051	.135	.575	-.384
160	166	-.184	.148	.370	-.898
160	167	-.181	.149	.385	-.905
160	168	-.182	.147	.394	-1.001
160	169	-.191	.137	.311	-.811
160	170	-.188	.135	.300	-.775
160	171	-.186	.138	.310	-.787
160	172	-.179	.135	.318	-.847
160	173	-.164	.132	.253	-.741
160	174	-.162	.130	.258	-.658
160	175	-.161	.132	.332	-.713
160	176	.254	.177	.932	-.209
160	201	.441	.207	1.142	-.395
160	202	.702	.211	1.350	-.007
160	203	-.044	.238	.772	-1.204
160	204	-.015	.177	.605	-.636
160	205	-.114	.157	.460	-.577
160	206	-.132	.152	.530	-.654
160	207	-.223	.141	.334	-.824
160	208	.494	.193	1.367	-.305
160	209	.737	.224	1.538	-.286
160	210	-.095	.261	.891	-1.108
160	211	-.248	.132	.205	-.860
160	212	.470	.174	1.019	-.140
160	213	.700	.192	1.285	.012
160	214	-.098	.267	.836	-1.375
160	215	.082	.328	.828	-1.178
160	216	.023	.155	.521	-.570
160	217	-.233	.130	.251	-.958
160	218	-.293	.134	.235	-1.114
160	219	.331	.164	.894	-.239
160	220	.669	.217	1.328	-.204
160	221	-.052	.276	.912	-1.137
160	222	-.322	.148	.193	-.961
160	223	.153	.167	.714	-.448
160	224	.584	.189	1.338	-.170
160	225	-.034	.247	.912	-.924
160	226	.166	.261	.901	-.919
160	227	.017	.158	.844	-.512
160	228	-.215	.155	.530	-.894
160	229	-.302	.161	.244	-1.138
160	230	-.356	.180	.496	-.971
160	231	-.371	.180	.601	-1.401
160	232	-.384	.197	.513	-1.311
160	233	-.388	.216	.502	-1.232
160	234	.020	.196	.658	-.695
160	235	.488	.223	1.225	-1.306
160	236	.151	.300	1.236	-1.120
160	237	-.344	.259	.722	-1.412
160	238	-.373	.189	.520	-1.202

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	239	-.290	.219	.555	-1.049
160	240	-.315	.259	.632	-2.054
160	241	-.264	.189	.367	-1.124
160	242	.059	.206	.728	-.825
160	243	.436	.290	1.306	-1.390
160	244	.172	.280	1.155	-.909
160	245	.139	.212	.924	-.656
160	246	-.042	.190	.908	-.881
160	247	-.193	.180	.789	-.853
160	248	-.275	.181	.474	-.904
160	249	-.308	.195	.616	-1.043
160	250	-.215	.202	.507	-.939
160	251	-.242	.184	.470	-1.082
160	252	-.240	.178	.548	-1.126
160	253	-.251	.183	.517	-.866
160	254	.046	.214	.763	-.962
160	255	.400	.289	1.346	-1.151
160	256	.107	.212	.833	-.644
160	257	-.207	.159	.367	-.771
160	258	.038	.200	.780	-.790
160	259	.376	.275	1.438	-1.054
160	260	.093	.255	1.299	-.920
160	261	.064	.214	1.063	-1.009
160	262	-.071	.151	.522	-.714
160	263	-.209	.152	.328	-.817
160	264	-.201	.150	.317	-.787
160	265	-.137	.151	.407	-.702
160	266	.168	.144	.358	-.671
160	267	.196	.143	.345	-.725
160	268	.092	.181	.762	-.936
160	269	.385	.234	1.290	-.428
160	270	.115	.248	1.241	-.708
160	271	-.173	.146	.354	-.827
160	272	-.069	.177	.559	-.623
160	273	-.216	.199	.480	-1.058
160	274	-.240	.161	.281	-.955
160	275	.095	.157	.613	-.656
160	276	.297	.206	1.057	-.608
160	277	.156	.212	1.090	-.559
160	278	.160	.179	.869	-.426
160	279	.124	.150	.761	-.382
160	280	.141	.155	.768	-.314
160	281	.184	.159	.906	-.275
160	282	.131	.181	.910	-.477
160	283	.072	.172	.760	-.505
160	284	.027	.172	.756	-.619
160	285	.209	.176	.874	-.341
160	286	.087	.154	.720	-.433
160	287	.239	.174	.982	-.395
160	288	.170	.166	.727	-.425
160	289	.171	.177	.810	-.518
160	290	.171	.172	.902	-.287
160	291	.225	.177	.952	-.304
160	292	.246	.182	1.039	-.322
160	293	.247	.184	1.076	-.309
160	294	.225	.183	.923	-.284
160	295	.228	.180	.954	-.294
160	296	.041	.145	.624	-.440
160	297	.125	.166	.686	-.437
160	298	.142	.154	.716	-.393
160	299	.155	.159	.758	-.369
160	300	.155	.170	.793	-.675
160	301	.210	.164	.870	-.372
160	302	.236	.186	1.059	-.234
160	303	.253	.183	1.030	-.219
160	304	.259	.187	1.022	-.231
160	401	-.169	.164	.446	-.829
160	402	-.056	.151	.607	-.563
160	403	.001	.146	.560	-.471
160	404	-.040	.146	.537	-.504
160	405	-.194	.200	.421	-1.014
160	406	-.348	.256	.455	-1.127
160	407	-.225	.156	.231	-.765
160	408	-.272	.259	.767	-1.181
160	409	-.227	.182	.413	-1.215
160	410	-.057	.166	.618	-.676
160	411	-.017	.157	.682	-.614
160	412	-.050	.149	.581	-.603
160	413	-.089	.155	.483	-.580
160	414	-.038	.149	.455	-.527
160	415	.028	.149	.526	-.442
160	416	.066	.153	.527	-.457
160	417	-.219	.283	.653	-1.171
160	418	-.302	.251	.639	-1.173
160	419	-.210	.164	.441	-.803
160	420	-.417	.241	.406	-1.616
160	421	-.249	.123	.071	-.738
160	422	-.166	.147	.566	-.777
160	423	-.074	.140	.631	-.635
160	424	-.049	.136	.489	-.600
160	425	-.054	.132	.431	-.484
160	426	-.046	.132	.408	-.486
160	427	-.066	.159	.430	-.890
160	428	-.540	.314	.502	-1.776
160	429	-.599	.273	.277	-1.588
160	430	-.235	.162	.266	-.812
160	431	-.613	.288	.356	-1.861
160	432	-.242	.173	.276	-.884
160	433	-.195	.153	.379	-.787
160	434	-.100	.143	.398	-.647
160	435	-.071	.149	.436	-.734
160	436	-.063	.156	.495	-.794
160	437	-.090	.189	.397	-.988
160	438	-.261	.297	.360	-2.219
160	439	-.445	.307	.375	-1.810
160	440	-.516	.268	.349	-1.843
160	441	-.258	.170	.447	-1.005
160	442	-.472	.290	.453	-1.761
160	443	-.235	.158	.278	-.852
160	444	-.162	.145	.292	-.715
160	445	-.084	.139	.385	-.556
160	446	-.063	.137	.488	-.540
160	447	-.056	.141	.492	-.701
160	448	-.079	.169	.439	-.915
160	449	-.153	.221	.420	-1.484
160	450	-.342	.294	.368	-1.437
160	451	-.413	.280	.401	-1.652
160	452	-.194	.135	.231	-.629
160	453	-.414	.288	.374	-1.674
160	454	-.192	.147	.299	-.702
160	455	-.185	.141	.345	-.668
160	456	-.060	.137	.398	-.560
160	457	-.045	.132	.447	-.499
160	458	-.040	.132	.408	-.586
160	459	-.038	.139	.432	-.847
160	460	-.084	.189	.435	-1.779
160	461	-.306	.273	.339	-1.554
160	462	-.389	.254	.301	-1.461
160	463	-.189	.138	.275	-.684
160	464	-.316	.251	.315	-1.605
160	465	-.196	.158	.271	-.923
160	466	-.098	.128	.359	-.580
160	467	-.024	.122	.378	-.460
160	468	-.007	.120	.403	-.431
160	469	-.033	.137	.425	-.807
160	470	-.102	.172	.325	-1.009
160	471	-.002	.113	.377	-.390
160	472	.001	.113	.398	-.427
160	473	-.287	.173	.324	-1.195
160	501	-.305	.180	.283	-1.318
160	502	-.137	.193	.373	-1.245
160	503	-.274	.169	.244	-1.062
160	504	-.459	.223	.185	-1.637
160	505	-.442	.225	.173	-1.597
160	506	-.448	.195	.285	-1.404
160	507	-.446	.197	.212	-1.520
160	508	-.401	.232	.157	-1.828
160	509	-.444	.176	.084	-1.400
160	510	-.467	.244	.102	-1.630
160	511	-.302	.164	.204	-.954

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	512	-.347	.173	.207	-1.141
160	513	-.381	.189	.225	-1.311
160	514	-.408	.210	.195	-1.535
160	515	-.285	.153	.210	-1.141
160	516	-.401	.210	.178	-1.310
160	517	-.418	.217	.166	-1.473
160	518	-.399	.179	.202	-1.199
160	519	-.387	.186	.212	-1.280
160	520	-.324	.229	.337	-1.861
160	521	-.348	.228	.268	-1.973
160	522	-.426	.234	.185	-2.077
160	523	-.299	.203	.372	-1.320
160	524	-.371	.212	.310	-1.651
160	525	-.374	.207	.285	-1.467
160	526	-.379	.230	.509	-1.497
160	527	-.366	.207	.328	-1.217
160	528	-.389	.205	.222	-1.496
160	529	-.368	.215	.219	-1.482
160	530	-.325	.196	.324	-1.261
160	531	-.312	.190	.352	-1.331
160	532	-.357	.206	.306	-1.253
160	533	-.394	.223	.282	-1.573
160	534	-.350	.200	.263	-1.314
160	535	-.361	.183	.270	-1.145
160	536	-.326	.191	.229	-1.161
160	537	-.352	.207	.243	-1.272
160	538	-.353	.178	.292	-1.072
160	539	-.381	.209	.212	-1.463
160	540	-.366	.194	.235	-1.249
160	541	-.361	.194	.261	-1.266
160	542	-.355	.193	.136	-1.296
160	543	-.335	.176	.250	-1.202
160	544	-.277	.190	.302	-1.260
160	545	-.338	.191	.317	-1.201
160	546	-.351	.203	.323	-1.188
160	547	-.340	.201	.309	-1.260
160	548	-.305	.184	.225	-.991
160	549	-.315	.184	.234	-.972
160	550	-.325	.194	.354	-1.343
160	551	-.300	.186	.230	-1.062
160	552	-.341	.185	.219	-1.252
160	553	-.293	.181	.200	-1.205
160	554	-.328	.183	.296	-1.061
160	555	-.372	.207	.277	-1.572
160	556	-.323	.175	.194	-1.055
160	557	-.355	.181	.143	-1.436
160	558	-.303	.162	.168	-1.091
160	559	-.327	.180	.154	-1.099
160	560	-.321	.195	.205	-1.280
160	561	-.324	.193	.216	-1.320
160	562	-.336	.203	.187	-1.251
160	563	-.329	.200	.204	-1.348
160	564	-.266	.172	.329	-1.000
160	565	-.359	.192	.131	-1.266
160	566	-.251	.161	.326	-1.093
160	567	-.261	.161	.267	-1.020
160	568	-.219	.154	.334	-.822
160	569	-.227	.155	.185	-.860
160	570	-.224	.162	.231	-.926
160	571	-.221	.161	.254	-.841
160	572	-.252	.171	.245	-1.044
160	573	-.281	.180	.208	-1.145
160	574	-.298	.189	.227	-1.377
160	575	-.308	.184	.207	-1.246
160	576	-.324	.173	.191	-1.028
160	577	-.216	.142	.223	-.767
160	578	-.215	.144	.231	-.836
160	579	-.225	.159	.267	-.965
160	580	-.278	.167	.159	-1.108
160	581	-.126	.139	.286	-.604
160	582	-.163	.131	.297	-.639
160	583	-.142	.136	.264	-.582
160	584	-.171	.139	.211	-.677
160	585	-.189	.155	.244	-1.091
160	586	-.189	.149	.202	-.961
160	587	-.252	.158	.238	-.954
160	588	-.273	.178	.301	-1.138
160	589	-.285	.168	.279	-1.094
160	590	-.271	.160	.287	-1.001
160	591	-.270	.160	.291	-.919
160	592	-.078	.142	.446	-.643
160	593	-.128	.132	.363	-.633
160	594	-.109	.133	.382	-.629
160	595	-.125	.142	.374	-.632
160	596	-.133	.167	.417	-1.006
160	597	-.141	.160	.372	-.926
160	598	-.196	.187	.368	-.961
160	599	-.254	.202	.381	-1.032
160	600	-.296	.200	.334	-1.233
160	601	-.310	.184	.291	-1.298
160	602	-.297	.180	.294	-1.126
160	603	-.069	.136	.426	-.576
160	604	-.113	.133	.364	-.544
160	605	-.116	.129	.344	-.545
160	606	-.115	.134	.359	-.610
160	607	-.106	.143	.359	-.893
160	608	-.085	.152	.422	-.678
160	609	-.122	.163	.396	-.766
160	610	-.170	.192	.404	-.979
160	611	-.262	.192	.361	-1.459
160	612	-.286	.207	.261	-1.433
160	613	-.325	.210	.244	-1.185
170	701	-.153	.153	.285	-.699
170	702	-.180	.156	.231	-.949
170	703	-.323	.225	.299	-1.335
170	704	-.337	.177	.522	-.939
170	705	-.335	.247	.519	-1.841
170	706	-.404	.261	.539	-2.620
170	707	-.469	.309	.650	-1.825
170	708	-.372	.195	.433	-1.553
170	709	-.360	.173	.218	-1.081
170	710	-.383	.155	.130	-1.078
170	711	-.334	.201	.779	-1.195
170	712	-.425	.261	.418	-2.873
170	713	-.341	.193	.228	-1.084
170	714	-.225	.182	.457	-.929
170	715	-.383	.201	.184	-2.213
170	716	.000	.139	.461	-.542
170	717	-.263	.189	.405	-.976
170	718	-.480	.213	.285	-1.215
170	719	-.182	.200	.729	-.901
170	720	-.014	.139	.492	-.423
170	721	-.132	.135	.364	-.527
170	722	-.752	.224	-.003	-1.686
170	723	-.192	.173	.428	-.883
170	724	-.304	.222	.515	-1.357
170	725	-.406	.221	.163	-1.323
170	726	-.391	.180	.239	-1.065
170	727	-.598	.235	.247	-1.402
170	728	-.031	.141	.492	-.447
801		.235	.168	.872	-.268
802		.229	.179	.939	-.351
170	101	-.317	.144	.242	-1.119
170	102	-.316	.142	.213	-1.067
170	103	-.329	.151	.227	-1.249
170	104	-.333	.159	.232	-1.338
170	105	-.364	.164	.181	-1.157
170	106	-.351	.144	.193	-.884
170	107	-.392	.169	.197	-1.251
170	108	-.361	.143	.182	-.895
170	109	-.336	.148	.135	-.990
170	110	-.351	.152	.082	-1.191
170	111	-.340	.147	.128	-1.214
170	112	-.357	.154	.115	-1.204
170	113	-.366	.161	.362	-1.069
170	114	-.348	.162	.188	-1.007
170	115	-.369	.181	.204	-1.162
170	116	-.410	.188	.389	-1.127
170	117	-.356	.134	.099	-.802
170	118	-.456	.178	.148	-1.194

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	119	-.421	.137	-.001	-.939
170	120	-.426	.137	-.012	-1.004
170	121	-.440	.159	.154	-.994
170	122	-.449	.169	.056	-1.081
170	123	-.454	.174	.065	-1.197
170	124	-.372	.154	.186	-.853
170	125	-.349	.150	.103	-.846
170	126	-.375	.154	.062	-1.152
170	127	-.397	.153	.067	-1.422
170	128	-.421	.163	.167	-1.189
170	129	-.434	.154	.194	-1.104
170	130	-.402	.141	.079	-.914
170	131	-.379	.142	.196	-.907
170	132	-.379	.170	.361	-1.146
170	133	-.383	.181	.351	-1.286
170	134	-.448	.179	.185	-1.070
170	135	-.326	.164	.210	-1.235
170	136	-.508	.176	.078	-1.406
170	137	-.460	.180	.131	-1.188
170	138	-.563	.228	.187	-1.626
170	139	-.339	.184	.686	-.977
170	140	-.192	.133	.269	-.793
170	141	-.183	.132	.271	-.698
170	142	-.208	.137	.286	-.891
170	143	-.218	.153	.244	-.872
170	144	-.208	.130	.321	-.827
170	145	-.228	.139	.200	-1.242
170	146	-.226	.132	.168	-1.183
170	147	-.239	.128	.173	-.721
170	148	-.254	.135	.188	-.781
170	149	-.263	.137	.201	-1.020
170	150	-.192	.128	.264	-.820
170	151	-.240	.136	.224	-.782
170	152	-.214	.147	.230	-.689
170	153	-.191	.119	.170	-.641
170	154	-.182	.117	.185	-.618
170	155	-.187	.115	.208	-.619
170	156	-.197	.115	.208	-.623
170	157	-.190	.133	.246	-.692
170	158	-.186	.131	.238	-.675
170	159	-.189	.131	.193	-.650
170	160	-.202	.134	.170	-.680
170	161	-.218	.137	.263	-.644
170	162	-.215	.137	.250	-.646
170	163	-.184	.134	.259	-.730
170	164	-.203	.139	.224	-.713
170	165	-.007	.162	.679	-.534
170	166	-.219	.142	.246	-.868
170	167	-.211	.141	.215	-.786
170	168	-.212	.135	.201	-.853
170	169	-.199	.132	.185	-1.249
170	170	-.187	.128	.195	-1.046
170	171	-.184	.129	.200	-.926
170	172	-.174	.132	.227	-.590
170	173	-.158	.129	.347	-.566
170	174	-.160	.130	.354	-.614
170	175	-.167	.133	.382	-.645
170	176	.240	.178	1.053	-.244
170	201	.588	.212	1.400	-.153
170	202	.722	.189	1.337	-.000
170	203	-.108	.236	.574	-1.011
170	204	.003	.159	.521	-.637
170	205	-.044	.136	.466	-.441
170	206	-.080	.132	.415	-.535
170	207	-.216	.162	.323	-.804
170	208	.598	.193	1.264	-.083
170	209	.706	.199	1.442	-.078
170	210	-.216	.249	.812	-1.240
170	211	-.249	.143	.272	-.753
170	212	.568	.179	1.342	-.024
170	213	.671	.181	1.328	.034
170	214	-.200	.236	.751	-1.151
170	215	-.113	.317	.771	-1.005
170	216	.024	.142	.496	-.782
170	217	-.226	.133	.233	-.835
170	218	-.304	.136	.167	-1.009
170	219	.390	.174	1.075	-.142
170	220	.588	.182	1.188	-.052
170	221	-.156	.248	.784	-1.072
170	222	-.316	.157	.177	-.948
170	223	.191	.163	.875	-.344
170	224	.569	.175	1.218	-.033
170	225	-.084	.221	.755	-1.051
170	226	.140	.246	.900	-1.104
170	227	.051	.143	.603	-.454
170	228	-.188	.138	.330	-.663
170	229	-.290	.143	.190	-.770
170	230	-.397	.163	.534	-.965
170	231	-.426	.161	.354	-1.142
170	232	-.445	.178	.466	-1.477
170	233	-.464	.198	.919	-1.625
170	234	.017	.164	.594	-.705
170	235	.546	.184	1.199	-.381
170	236	.224	.252	.973	-.764
170	237	-.454	.210	.572	-1.389
170	238	-.415	.170	.366	-1.079
170	239	-.325	.187	.488	-.953
170	240	-.351	.208	.801	-1.420
170	241	-.269	.150	.239	-1.074
170	242	.058	.188	.733	-.775
170	243	.425	.290	1.271	-.933
170	244	.294	.244	1.182	-.786
170	245	.228	.194	.958	-.708
170	246	-.001	.169	.598	-.741
170	247	-.190	.148	.332	-.739
170	248	-.321	.144	.151	-.791
170	249	-.339	.155	.272	-.851
170	250	-.220	.161	.298	-.914
170	251	-.252	.139	.242	-.780
170	252	-.233	.139	.255	-.729
170	253	-.290	.148	.295	-.820
170	254	-.028	.202	.670	-.851
170	255	.222	.334	1.200	-1.196
170	256	.088	.233	.818	-.677
170	257	-.188	.130	.374	-.641
170	258	-.026	.189	.635	-.702
170	259	.142	.306	1.119	-1.094
170	260	.085	.278	1.178	-.877
170	261	.056	.243	.980	-.831
170	262	-.086	.170	.465	-.690
170	263	-.214	.142	.374	-.698
170	264	-.209	.141	.353	-.663
170	265	-.141	.152	.402	-.623
170	266	-.183	.135	.497	-.679
170	267	-.201	.132	.446	-.654
170	268	-.026	.186	.620	-.754
170	269	.137	.287	1.126	-1.026
170	270	.063	.290	1.236	-.904
170	271	-.201	.131	.238	-.710
170	272	-.137	.179	.522	-.790
170	273	-.311	.210	.416	-1.178
170	274	-.217	.163	.377	-.981
170	275	.067	.166	.622	-.604
170	276	.224	.224	1.117	-.655
170	277	.143	.228	1.070	-.957
170	278	.111	.219	.882	-.678
170	279	.092	.177	.721	-.559
170	280	.101	.172	.780	-.543
170	281	.141	.176	.804	-.451
170	282	.119	.221	.890	-.569
170	283	.075	.208	.937	-.604
170	284	.023	.206	.933	-.654
170	285	.181	.176	.998	-.325
170	286	.054	.148	.664	-.474
170	287	.175	.184	.914	-.385
170	288	.111	.170	.725	-.424
170	289	.116	.183	.813	-.443
170	290	.132	.169	.748	-.385
170	291	.192	.171	.858	-.338
170	292	.205	.175	.867	-.344

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	293	.208	.180	.873	-.324
170	294	.206	.187	1.169	-.359
170	295	.211	.185	1.179	-.377
170	296	.005	.139	.463	-.579
170	297	.077	.153	.653	-.404
170	298	.120	.165	.715	-.377
170	299	.131	.170	.765	-.415
170	300	.115	.188	.760	-.940
170	301	.174	.177	.927	-.416
170	302	.200	.157	.838	-.289
170	303	.218	.156	.819	-.287
170	304	.220	.159	.823	-.279
170	401	-.164	.176	.619	-.843
170	402	-.004	.164	.739	-.813
170	403	.109	.156	.786	-.508
170	404	.127	.152	.818	-.350
170	405	.084	.163	.719	-.543
170	406	.015	.230	.720	-.923
170	407	-.275	.195	.751	-.894
170	408	.017	.252	.923	-.968
170	409	-.410	.263	.473	-1.452
170	410	-.105	.207	.751	-1.257
170	411	.011	.190	1.112	-1.037
170	412	-.018	.180	.813	-.641
170	413	-.084	.176	.580	-.688
170	414	-.030	.169	.579	-.582
170	415	.057	.164	.648	-.496
170	416	.130	.158	.707	-.445
170	417	.056	.239	.685	-.899
170	418	-.055	.249	.757	-.960
170	419	-.362	.231	.437	-1.295
170	420	-.246	.240	.750	-1.159
170	421	-.425	.145	.080	-.868
170	422	-.268	.203	.540	-.914
170	423	-.123	.189	.791	-.630
170	424	-.082	.178	.700	-.678
170	425	-.067	.155	.566	-.533
170	426	-.052	.144	.583	-.477
170	427	-.049	.139	.483	-.478
170	428	-.517	.297	.412	-1.968
170	429	-.536	.260	.481	-1.476
170	430	-.347	.186	.268	-1.045
170	431	-.649	.273	.283	-1.695
170	432	-.330	.176	.265	-1.337
170	433	-.260	.149	.248	-.821
170	434	-.131	.140	.348	-.761
170	435	-.092	.148	.477	-.916
170	436	-.071	.150	.448	-.748
170	437	-.110	.187	.495	-1.118
170	438	-.275	.275	.500	-1.333
170	439	-.432	.260	.451	-1.372
170	440	-.470	.236	.352	-1.733
170	441	-.290	.174	.328	-1.070
170	442	-.355	.259	.353	-1.447
170	443	-.209	.160	.353	-.796
170	444	-.129	.154	.458	-.735
170	445	-.059	.138	.404	-.583
170	446	-.035	.134	.505	-.609
170	447	-.035	.137	.393	-.743
170	448	-.053	.160	.406	-.940
170	449	-.137	.213	.448	-1.284
170	450	-.246	.256	.484	-1.695
170	451	-.278	.251	.448	-1.617
170	452	-.165	.129	.430	-.602
170	453	-.268	.255	.424	-1.870
170	454	-.154	.135	.408	-.659
170	455	-.109	.134	.454	-.577
170	456	-.051	.131	.368	-.674
170	457	-.028	.128	.412	-.530
170	458	-.017	.128	.437	-.639
170	459	-.026	.136	.520	-.736
170	460	-.090	.192	.445	-1.544
170	461	-.237	.252	.362	-1.535
170	462	-.270	.237	.366	-1.377
170	463	-.105	.141	.443	-.583
170	464	-.254	.262	.375	-1.689
170	465	-.133	.151	.517	-.596
170	466	-.033	.137	.567	-.581
170	467	.009	.136	.604	-.587
170	468	.014	.129	.559	-.374
170	469	-.024	.138	.507	-.869
170	470	-.067	.153	.511	-.768
170	471	.014	.125	.516	-.390
170	472	.008	.125	.502	-.431
170	473	-.448	.197	.216	-1.472
170	501	-.464	.202	.233	-1.532
170	502	-.110	.172	.437	-1.054
170	503	-.395	.185	.264	-1.230
170	504	-.681	.266	.137	-1.690
170	505	-.710	.270	.108	-1.618
170	506	-.577	.220	.287	-1.310
170	507	-.602	.228	.243	-1.465
170	508	-.601	.228	.052	-1.601
170	509	-.463	.170	.072	-1.201
170	510	-.744	.267	-.000	-1.813
170	511	-.423	.164	.096	-1.042
170	512	-.462	.175	.090	-1.242
170	513	-.605	.240	.026	-1.711
170	514	-.650	.244	.070	-1.706
170	515	-.339	.151	.176	-.893
170	516	-.600	.220	.136	-1.505
170	517	-.670	.250	.184	-1.636
170	518	-.445	.176	.173	-1.211
170	519	-.481	.187	.183	-1.187
170	520	-.523	.223	.149	-1.584
170	521	-.510	.210	.182	-1.387
170	522	-.757	.357	.210	-2.365
170	523	-.555	.242	.133	-1.542
170	524	-.548	.306	.251	-1.772
170	525	-.731	.364	.117	-2.195
170	526	-.576	.317	.377	-1.744
170	527	-.502	.268	.263	-1.611
170	528	-.843	.463	.147	-3.227
170	529	-.515	.221	.111	-1.508
170	530	-.468	.222	.162	-1.511
170	531	-.504	.215	.136	-1.639
170	532	-.665	.270	.197	-1.908
170	533	-.520	.232	.173	-1.496
170	534	-.466	.199	.200	-1.483
170	535	-.466	.198	.146	-1.640
170	536	-.473	.203	.231	-1.256
170	537	-.534	.243	.315	-1.579
170	538	-.451	.181	.080	-1.421
170	539	-.510	.262	.268	-1.672
170	540	-.519	.261	.238	-1.588
170	541	-.395	.195	.427	-1.296
170	542	-.554	.254	.162	-1.668
170	543	-.402	.188	.151	-1.116
170	544	-.497	.258	.305	-1.550
170	545	-.441	.217	.324	-1.297
170	546	-.512	.245	.333	-1.494
170	547	-.520	.249	.360	-1.488
170	548	-.552	.246	.188	-1.727
170	549	-.552	.245	.240	-1.642
170	550	-.555	.272	.342	-2.010
170	551	-.551	.261	.298	-1.839
170	552	-.472	.232	.160	-1.679
170	553	-.278	.147	.184	-.886
170	554	-.354	.187	.162	-1.384
170	555	-.353	.190	.186	-1.481
170	556	-.277	.181	.378	-.965
170	557	-.365	.201	.313	-1.142
170	558	-.264	.164	.330	-1.494
170	559	-.279	.180	.376	-1.051
170	560	-.441	.219	.166	-1.383
170	561	-.444	.220	.184	-1.396
170	562	-.450	.230	.227	-1.757
170	563	-.471	.237	.092	-1.878
170	564	-.226	.135	.347	-.855
170	565	-.454	.216	.132	-1.574

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	566	-.237	.129	.218	-.834
170	567	-.240	.131	.309	-.789
170	568	-.206	.153	.246	-.824
170	569	-.204	.152	.216	-.774
170	570	-.185	.150	.273	-.963
170	571	-.177	.150	.310	-.875
170	572	-.196	.148	.254	-.758
170	573	-.219	.156	.252	-.795
170	574	-.278	.182	.271	-1.325
170	575	-.339	.186	.206	-1.300
170	576	-.343	.191	.186	-1.107
170	577	-.185	.135	.277	-.774
170	578	-.186	.140	.300	-.705
170	579	-.163	.136	.286	-.629
170	580	-.252	.169	.352	-1.022
170	581	-.110	.147	.338	-.562
170	582	-.159	.124	.276	-.517
170	583	-.130	.145	.305	-.596
170	584	-.153	.137	.335	-.616
170	585	-.139	.138	.340	-.658
170	586	-.130	.142	.348	-.661
170	587	-.151	.151	.368	-.655
170	588	-.172	.155	.289	-.886
170	589	-.209	.162	.288	-.934
170	590	-.231	.153	.218	-.884
170	591	-.230	.149	.262	-.849
170	592	-.069	.132	.514	-.575
170	593	-.130	.125	.358	-.571
170	594	-.101	.123	.388	-.517
170	595	-.096	.123	.391	-.559
170	596	-.093	.137	.346	-.818
170	597	-.093	.135	.326	-.673
170	598	-.106	.149	.365	-.746
170	599	-.143	.170	.379	-.891
170	600	-.197	.175	.387	-.896
170	601	-.242	.162	.430	-.915
170	602	-.241	.156	.235	-.852
170	603	-.078	.130	.412	-.546
170	604	-.105	.135	.356	-.559
170	605	-.098	.131	.343	-.538
170	606	-.086	.131	.364	-.487
170	607	-.068	.131	.375	-.469
170	608	-.087	.128	.306	-.726
170	609	-.106	.131	.268	-.710
170	610	-.128	.152	.301	-.856
170	611	-.142	.170	.311	-.808
170	612	-.228	.185	.309	-1.084
170	613	-.220	.185	.280	-1.061
170	701	-.171	.134	.392	-.567
170	702	-.204	.140	.208	-.751
170	703	-.381	.232	.320	-1.534
170	704	-.417	.165	.433	-1.056
170	705	-.363	.187	.326	-1.309
170	706	-.425	.213	.282	-1.771
170	707	-.533	.340	.362	-2.425
170	708	-.367	.217	.406	-1.421
170	709	-.432	.185	.156	-1.446
170	710	-.423	.165	.252	-1.096
170	711	-.395	.176	.202	-1.381
170	712	-.466	.202	.191	-2.248
170	713	-.427	.196	.230	-1.397
170	714	-.071	.191	.611	-.698
170	715	-.416	.159	.111	-1.040
170	716	-.015	.134	.497	-.527
170	717	-.046	.164	.366	-.791
170	718	-.161	.211	.386	-1.050
170	719	-.025	.183	.595	-.699
170	720	-.017	.142	.410	-.608
170	721	-.076	.132	.328	-.852
170	722	-.506	.198	.326	-1.487
170	723	-.125	.166	.384	-.839
170	724	-.279	.275	.614	-1.598
170	725	-.490	.267	.494	-1.797
170	726	-.316	.195	.408	-.902
170	727	-.249	.236	.480	-1.019
170	728	-.015	.140	.416	-.456
170	801	.186	.173	.843	-.298
170	802	.218	.170	.957	-.339
180	101	-.241	.135	.260	-.729
180	102	-.239	.132	.251	-.727
180	103	-.243	.136	.205	-.740
180	104	-.253	.137	.204	-.777
180	105	-.270	.134	.107	-.728
180	106	-.255	.127	.207	-.673
180	107	-.288	.133	.091	-.734
180	108	-.264	.127	.165	-.674
180	109	-.272	.111	.097	-.678
180	110	-.279	.111	.106	-.688
180	111	-.255	.132	.214	-.746
180	112	-.290	.114	.110	-.769
180	113	-.245	.125	.296	-.649
180	114	-.253	.131	.267	-.742
180	115	-.287	.144	.151	-.841
180	116	-.375	.157	.146	-1.003
180	117	-.265	.128	.173	-.675
180	118	-.354	.139	.064	-.950
180	119	-.323	.131	.138	-.795
180	120	-.332	.130	.107	-.774
180	121	-.334	.118	.028	-.774
180	122	-.341	.123	.054	-1.044
180	123	-.348	.126	.037	-.960
180	124	-.287	.123	.076	-.836
180	125	-.275	.139	.249	-.694
180	126	-.291	.138	.157	-.739
180	127	-.310	.138	.106	-.741
180	128	-.328	.144	.113	-.943
180	129	-.337	.124	.160	-.906
180	130	-.326	.118	.189	-.775
180	131	-.316	.119	.066	-.821
180	132	-.315	.144	.132	-.937
180	133	-.327	.152	.157	-.991
180	134	-.344	.144	.171	-.846
180	135	-.309	.161	.255	-1.140
180	136	-.370	.145	.140	-.949
180	137	-.386	.149	.228	-.985
180	138	-.413	.179	.211	-1.352
180	139	-.249	.173	.505	-.796
180	140	-.177	.145	.299	-.682
180	141	-.171	.129	.362	-.794
180	142	-.188	.128	.293	-.797
180	143	-.214	.141	.186	-.854
180	144	-.212	.121	.192	-.672
180	145	-.195	.121	.200	-.742
180	146	-.196	.118	.187	-.715
180	147	-.204	.122	.176	-.643
180	148	-.221	.135	.189	-.814
180	149	-.251	.150	.197	-.922
180	150	-.226	.157	.207	-1.056
180	151	-.198	.134	.256	-.929
180	152	-.126	.148	.352	-.693
180	153	-.178	.144	.316	-.959
180	154	-.170	.137	.291	-.883
180	155	-.172	.135	.242	-.785
180	156	-.178	.133	.240	-.726
180	157	-.195	.137	.295	-.762
180	158	-.192	.135	.273	-.759
180	159	-.173	.134	.293	-.747
180	160	-.153	.127	.298	-.585
180	161	-.161	.122	.263	-.668
180	162	-.162	.124	.269	-.729
180	163	-.177	.141	.293	-.736
180	164	-.135	.122	.292	-.533
180	165	-.042	.160	.524	-.602
180	166	-.186	.158	.275	-.871
180	167	-.172	.154	.281	-.993
180	168	-.166	.147	.289	-.685
180	169	-.176	.144	.325	-.853
180	170	-.156	.134	.319	-.741
180	171	-.147	.135	.329	-.749
180	172	-.130	.128	.317	-.661

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	173	-.120	.119	.333	-.533
180	174	-.122	.119	.371	-.515
180	175	-.122	.121	.362	-.508
180	176	.218	.170	.852	-.300
180	201	.636	.264	1.426	-1.078
180	202	.681	.238	1.479	-.503
180	203	-.319	.266	.471	-1.532
180	204	-.053	.166	.451	-.957
180	205	-.046	.155	.376	-.819
180	206	-.092	.145	.324	-.807
180	207	-.202	.138	.299	-.861
180	208	.529	.255	1.272	-.915
180	209	.564	.237	1.170	-.963
180	210	-.471	.243	.291	-1.531
180	211	-.221	.135	.164	-.721
180	212	.433	.251	1.208	-.769
180	213	.483	.244	1.238	-.743
180	214	-.430	.258	.707	-1.538
180	215	-.325	.278	.903	-1.240
180	216	-.080	.169	.438	-.888
180	217	-.185	.139	.390	-.627
180	218	-.225	.140	.346	-.672
180	219	.349	.202	.962	-.883
180	220	.496	.223	1.174	-.612
180	221	-.402	.267	.702	-1.400
180	222	-.262	.134	.156	-.681
180	223	.185	.193	.815	-.612
180	224	.488	.214	1.228	-.576
180	225	-.272	.264	.495	-1.606
180	226	-.037	.298	.730	-1.196
180	227	-.035	.148	.487	-.632
180	228	-.197	.134	.283	-.758
180	229	-.260	.135	.217	-.906
180	230	-.324	.130	.112	-.819
180	231	-.335	.138	.321	-.877
180	232	-.345	.142	.321	-.906
180	233	-.360	.147	.321	-.952
180	234	.024	.166	.625	-.663
180	235	.474	.193	1.134	-.388
180	236	.129	.268	1.117	-.989
180	237	-.389	.161	.271	-1.205
180	238	-.342	.135	.056	-.841
180	239	-.226	.170	.511	-.681
180	240	-.215	.180	.591	-.750
180	241	-.219	.142	.249	-.688
180	242	.027	.174	.653	-.590
180	243	.287	.263	1.089	-.932
180	244	.220	.259	.988	-.861
180	245	-.172	.214	.893	-.695
180	246	-.015	.146	.540	-.773

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	247	-.160	.127	.321	-.599
180	248	-.238	.130	.232	-.897
180	249	-.285	.135	.181	-.754
180	250	-.148	.160	.316	-.893
180	251	-.150	.136	.251	-.794
180	252	-.167	.136	.271	-.875
180	253	-.204	.139	.267	-.687
180	254	-.052	.193	.548	-.772
180	255	.051	.284	1.041	-1.112
180	256	.057	.231	.685	-.634
180	257	-.189	.150	.256	-.721
180	258	-.087	.173	.644	-.779
180	259	-.049	.234	.855	-1.336
180	260	-.051	.277	.985	-.820
180	261	-.066	.253	.915	-.839
180	262	-.111	.182	.555	-.803
180	263	-.151	.153	.405	-.913
180	264	-.155	.154	.436	-.927
180	265	-.116	.162	.459	-.765
180	266	-.124	.140	.390	-.641
180	267	-.154	.145	.339	-.809
180	268	-.074	.164	.478	-.726
180	269	-.052	.219	.822	-.789
180	270	-.072	.260	.882	-.936
180	271	-.173	.153	.284	-.777
180	272	-.126	.199	.597	-.893
180	273	-.270	.241	.516	-1.493
180	274	-.250	.190	.263	-1.384
180	275	-.036	.165	.559	-.635
180	276	.029	.224	.856	-.647
180	277	-.006	.244	1.215	-.732
180	278	.010	.216	.759	-.819
180	279	.016	.177	.646	-.827
180	280	.024	.172	.704	-.656
180	281	.066	.171	.722	-.445
180	282	.031	.229	.887	-.693
180	283	.009	.225	.837	-.712
180	284	-.029	.225	.751	-.813
180	285	.076	.184	.698	-.486
180	286	.062	.170	.636	-1.011
180	287	.177	.200	.869	-.561
180	288	.120	.203	.957	-.487
180	289	.120	.214	1.139	-.572
180	290	.141	.183	.827	-.439
180	291	.200	.189	.998	-.433
180	292	.219	.191	1.071	-.387
180	293	.226	.193	1.074	-.389
180	294	.220	.187	1.043	-.372
180	295	.229	.185	1.062	-.348
180	296	.070	.153	.576	-.444

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	297	.152	.166	.732	-.402
180	298	.131	.178	.790	-.402
180	299	.150	.180	.882	-.407
180	300	.128	.193	.708	-1.229
180	301	.195	.184	.789	-.369
180	302	.233	.190	1.031	-.343
180	303	.255	.188	1.027	-.291
180	304	.256	.192	1.046	-.294
180	401	-.108	.243	.901	-1.081
180	402	-.010	.240	.866	-1.028
180	403	.102	.245	1.011	-1.027
180	404	.199	.233	1.057	-1.002
180	405	.259	.232	.957	-1.540
180	406	.272	.263	1.033	-1.449
180	407	-.201	.237	.893	-.924
180	408	.087	.343	1.203	-1.807
180	409	-.312	.282	.783	-1.357
180	410	-.122	.266	1.027	-1.281
180	411	-.046	.245	1.030	-.930
180	412	-.038	.225	.907	-.821
180	413	-.069	.215	.856	-.736
180	414	-.047	.210	.883	-.714
180	415	-.005	.199	.748	-.702
180	416	.038	.190	.772	-.695
180	417	.066	.229	.787	-1.059
180	418	-.031	.332	.963	-1.532
180	419	-.308	.269	.760	-1.412
180	420	-.223	.327	.696	-1.505
180	421	-.319	.169	.228	-.771
180	422	-.169	.252	.831	-.935
180	423	-.054	.237	1.098	-.782
180	424	-.041	.217	1.186	-.685
180	425	-.076	.200	.933	-.735
180	426	-.072	.182	.703	-.647
180	427	-.085	.174	.556	-.653
180	428	-.332	.364	.516	-1.577
180	429	-.479	.316	.489	-1.669
180	430	-.327	.230	.662	-1.118
180	431	-.614	.302	.510	-1.546
180	432	-.307	.198	.417	-1.333
180	433	-.234	.170	.502	-.906
180	434	-.128	.158	.750	-.736
180	435	-.087	.156	.607	-.725
180	436	-.064	.153	.536	-.850
180	437	-.069	.156	.639	-.718
180	438	-.197	.239	.450	-1.331
180	439	-.398	.276	.448	-1.521
180	440	-.461	.249	.357	-1.641
180	441	-.243	.176	.319	-1.050
180	442	-.251	.236	.412	-1.209

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	443	-.166	.161	.384	-.978
180	444	-.104	.160	.465	-.861
180	445	-.037	.157	.571	-.641
180	446	-.021	.152	.557	-.699
180	447	-.020	.152	.474	-.859
180	448	-.043	.154	.423	-1.115
180	449	-.058	.153	.404	-.741
180	450	-.090	.165	.415	-.879
180	451	-.098	.167	.401	-.804
180	452	-.094	.143	.455	-.563
180	453	-.125	.181	.407	-1.236
180	454	-.063	.157	.776	-.628
180	455	-.020	.169	.791	-.550
180	456	.014	.155	.847	-.481
180	457	.006	.137	.657	-.392
180	458	.001	.132	.645	-.440
180	459	-.009	.135	.541	-.499
180	460	-.063	.161	.513	-.881
180	461	-.124	.191	.399	-.893
180	462	-.139	.187	.376	-.790
180	463	-.028	.156	.528	-.565
180	464	-.153	.230	.429	-1.109
180	465	.005	.171	.613	-.631
180	466	.061	.157	.817	-.475
180	467	.107	.161	.763	-.512
180	468	.098	.155	.716	-.432
180	469	.051	.151	.519	-.786
180	470	-.006	.189	.519	-.930
180	471	.089	.134	.638	-.338
180	472	.083	.131	.565	-.445
180	473	-.344	.156	.126	-.995
180	501	-.323	.161	.146	-1.023
180	502	-.042	.198	.616	-1.025
180	503	-.324	.148	.108	-1.043
180	504	-.492	.285	.230	-1.485
180	505	-.503	.294	.229	-1.737
180	506	-.366	.195	.276	-1.155
180	507	-.401	.212	.241	-1.183
180	508	-.445	.194	.231	-1.132
180	509	-.257	.152	.307	-.877
180	510	-.611	.298	.405	-1.774
180	511	-.342	.144	.207	-.792
180	512	-.418	.165	.000	-1.088
180	513	-.459	.189	.021	-1.255
180	514	-.476	.232	.393	-1.573
180	515	-.266	.123	.135	-.721
180	516	-.298	.204	.299	-1.183
180	517	-.441	.270	.408	-2.379
180	518	-.226	.149	.204	-.917
180	519	-.218	.162	.277	-.847
180	520	-.355	.163	.186	-1.183
180	521	-.356	.163	.165	-1.139
180	522	-.467	.298	.574	-1.787
180	523	-.375	.167	.150	-1.132
180	524	-.353	.241	.217	-1.742
180	525	-.462	.259	.212	-1.959
180	526	-.346	.247	.424	-1.485
180	527	-.351	.192	.221	-1.176
180	528	-.845	.463	.231	-3.155
180	529	-.333	.157	.192	-.969
180	530	-.378	.172	.110	-1.388
180	531	-.340	.160	.181	-1.226
180	532	-.746	.312	.194	-2.077
180	533	-.374	.159	.265	-1.002
180	534	-.395	.160	.138	-1.265
180	535	-.366	.148	.087	-.956
180	536	-.385	.162	.149	-1.305
180	537	-.383	.167	.225	-1.349
180	538	-.365	.146	.194	-1.105
180	539	-.393	.177	.259	-1.175
180	540	-.396	.195	.179	-1.159
180	541	-.282	.158	.164	-.954
180	542	-.370	.195	.227	-1.520
180	543	-.301	.175	.180	-1.168
180	544	-.328	.184	.287	-1.071
180	545	-.315	.194	.360	-1.287
180	546	-.387	.206	.313	-1.676
180	547	-.405	.230	.357	-1.612
180	548	-.660	.276	.340	-2.058
180	549	-.588	.281	.380	-1.842
180	550	-.499	.271	.400	-1.677
180	551	-.594	.282	.294	-1.942
180	552	-.489	.260	.230	-1.726
180	553	-.250	.159	.253	-1.226
180	554	-.336	.186	.198	-1.063
180	555	-.273	.156	.214	-.805
180	556	-.231	.165	.343	-.839
180	557	-.275	.184	.362	-.948
180	558	-.287	.181	.259	-1.240
180	559	-.241	.163	.327	-.897
180	560	-.357	.200	.257	-1.443
180	561	-.363	.205	.225	-1.446
180	562	-.294	.192	.289	-1.211
180	563	-.344	.212	.363	-1.420
180	564	-.192	.141	.271	-.869
180	565	-.361	.205	.221	-1.475
180	566	-.208	.144	.251	-1.147
180	567	-.211	.150	.254	-1.140
180	568	-.181	.146	.320	-.736
180	569	-.179	.143	.297	-.691
180	570	-.166	.141	.373	-.703
180	571	-.160	.143	.426	-.733
180	572	-.171	.153	.357	-.899
180	573	-.190	.159	.353	-1.012
180	574	-.229	.179	.375	-1.346
180	575	-.292	.193	.318	-1.137
180	576	-.307	.191	.296	-1.435
180	577	-.152	.123	.261	-.629
180	578	-.142	.125	.272	-.617
180	579	-.129	.122	.271	-.582
180	580	-.243	.177	.370	-1.446
180	581	-.113	.129	.352	-.647
180	582	-.127	.133	.309	-.553
180	583	-.119	.125	.351	-.549
180	584	-.118	.120	.245	-.643
180	585	-.104	.118	.361	-.501
180	586	-.094	.121	.500	-.491
180	587	-.087	.126	.305	-.588
180	588	-.086	.146	.417	-.686
180	589	-.114	.155	.386	-.847
180	590	-.162	.162	.339	-.892
180	591	-.176	.163	.337	-.984
180	592	-.053	.129	.523	-.481
180	593	-.115	.122	.289	-.515
180	594	-.086	.120	.317	-.452
180	595	-.070	.118	.331	-.432
180	596	-.080	.130	.423	-.511
180	597	-.070	.129	.420	-.476
180	598	-.056	.139	.440	-.541
180	599	-.057	.150	.483	-.656
180	600	-.093	.171	.465	-.963
180	601	-.169	.184	.420	-.870
180	602	-.185	.178	.433	-.812
180	603	-.067	.142	.486	-.646
180	604	-.104	.125	.380	-.561
180	605	-.100	.119	.353	-.523
180	606	-.082	.119	.396	-.532
180	607	-.054	.119	.406	-.441
180	608	-.041	.128	.405	-.484
180	609	-.048	.128	.374	-.531
180	610	-.040	.141	.378	-.600
180	611	-.013	.157	.434	-.854
180	612	-.122	.193	.407	-.974
180	613	-.100	.189	.453	-1.183
180	701	-.133	.136	.352	-.610
180	702	-.177	.144	.355	-.753
180	703	-.275	.216	.454	-1.495
180	704	-.354	.142	.185	-.895
180	705	-.291	.154	.464	-1.014
180	706	-.287	.158	.270	-.946

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	707	-.357	.296	.360	-1.738
180	708	-.287	.162	.263	-1.056
180	709	-.349	.145	.180	-.866
180	710	-.349	.133	.129	-.775
180	711	-.360	.167	.120	-1.414
180	712	-.367	.163	.130	-1.543
180	713	-.343	.154	.188	-1.027
180	714	-.083	.178	.582	-.725
180	715	-.290	.142	.192	-.798
180	716	.015	.151	.578	-.606
180	717	.048	.138	.489	-.563
180	718	.011	.134	.484	-.604
180	719	-.112	.179	.595	-.802
180	720	-.032	.146	.430	-.785
180	721	-.020	.135	.421	-.653
180	722	-.163	.179	.519	-.880
180	723	-.158	.192	.439	-1.056
180	724	-.247	.303	.554	-1.398
180	725	-.334	.284	.585	-2.013
180	726	-.107	.210	.517	-.939
180	727	-.096	.198	.660	-.819
180	728	-.026	.138	.425	-.720
180	801	.176	.164	.948	-.337
180	802	.163	.170	.973	-.345
190	101	-.240	.147	.332	-.730
190	102	-.237	.142	.333	-.754
190	103	-.240	.139	.371	-.745
190	104	-.238	.138	.333	-.749
190	105	-.259	.139	.180	-.991
190	106	-.244	.135	.231	-.717
190	107	-.270	.135	.164	-.786
190	108	-.250	.133	.202	-.741
190	109	-.235	.146	.304	-.963
190	110	-.235	.137	.225	-.645
190	111	-.240	.118	.146	-.619
190	112	-.234	.131	.240	-.618
190	113	-.240	.130	.128	-.670
190	114	-.212	.129	.178	-.660
190	115	-.226	.137	.241	-.780
190	116	-.267	.143	.163	-.913
190	117	-.279	.145	.196	-1.074
190	118	-.286	.128	.147	-.753
190	119	-.291	.127	.158	-.725
190	120	-.291	.122	.122	-.670
190	121	-.288	.126	.156	-.698
190	122	-.288	.128	.183	-.798
190	123	-.300	.132	.168	-.845
190	124	-.277	.146	.312	-1.052
190	125	-.271	.141	.176	-.744
190	126	-.266	.135	.156	-.742
190	127	-.273	.131	.131	-.681
190	128	-.276	.132	.143	-.803
190	129	-.278	.125	.113	-.882
190	130	-.258	.120	.081	-.751
190	131	-.257	.119	.066	-.623
190	132	-.244	.136	.185	-.778
190	133	-.247	.142	.228	-.803
190	134	-.311	.141	.190	-.892
190	135	-.265	.153	.163	-1.038
190	136	-.339	.153	.111	-1.154
190	137	-.331	.163	.208	-1.085
190	138	-.357	.192	.269	-1.558
190	139	-.265	.161	.602	-.799
190	140	-.249	.164	.240	-1.020
190	141	-.233	.163	.529	-.913
190	142	-.223	.161	.472	-.882
190	143	-.238	.154	.334	-.860
190	144	-.213	.139	.377	-.775
190	145	-.212	.131	.216	-.729
190	146	-.199	.123	.237	-.667
190	147	-.200	.119	.180	-.618
190	148	-.204	.125	.175	-.842
190	149	-.220	.137	.191	-1.016
190	150	-.285	.184	.159	-1.076
190	151	-.175	.125	.223	-.917
190	152	-.060	.138	.357	-.618
190	153	-.232	.180	.237	-1.117
190	154	-.210	.177	.245	-1.316
190	155	-.189	.151	.262	-.988
190	156	-.177	.138	.319	-.780
190	157	-.185	.138	.251	-.722
190	158	-.170	.133	.264	-.651
190	159	-.164	.130	.296	-.634
190	160	-.147	.126	.298	-.548
190	161	-.138	.124	.314	-.525
190	162	-.130	.124	.343	-.550
190	163	-.150	.132	.332	-.710
190	164	-.111	.118	.330	-.491
190	165	-.088	.133	.435	-.485
190	166	-.150	.134	.299	-.767
190	167	-.152	.132	.277	-.710
190	168	-.137	.125	.299	-.529
190	169	-.129	.123	.205	-.601
190	170	-.110	.117	.209	-.544
190	171	-.119	.119	.210	-.568
190	172	-.109	.117	.240	-.529
190	173	-.102	.114	.335	-.587
190	174	-.106	.112	.287	-.580
190	175	-.102	.114	.292	-.589
190	176	.098	.178	.886	-.564
190	201	-.071	.401	1.209	-2.077
190	202	.064	.329	1.122	-1.080
190	203	-.500	.289	.418	-1.573
190	204	-.351	.252	.455	-1.519
190	205	-.340	.243	.423	-1.248
190	206	-.290	.202	.340	-1.067
190	207	-.270	.167	.289	-1.009
190	208	-.121	.303	.731	-1.465
190	209	-.048	.278	.855	-1.780
190	210	-.535	.246	.329	-1.470
190	211	-.243	.144	.229	-.746
190	212	-.151	.290	.663	-1.491
190	213	-.086	.278	.851	-1.167
190	214	-.500	.231	.502	-1.701
190	215	-.424	.272	.496	-1.356
190	216	-.283	.203	.363	-1.166
190	217	-.260	.160	.318	-.841
190	218	-.258	.155	.290	-.791
190	219	-.161	.281	.575	-1.639
190	220	-.086	.299	.824	-1.377
190	221	-.451	.278	.566	-1.670
190	222	-.261	.148	.278	-.842
190	223	-.181	.296	.680	-1.784
190	224	-.111	.325	.861	-1.683
190	225	-.447	.280	.507	-2.013
190	226	-.327	.301	.656	-1.572
190	227	-.224	.211	.542	-.930
190	228	-.246	.162	.244	-.851
190	229	-.268	.152	.209	-.801
190	230	-.294	.138	.184	-.718
190	231	-.266	.126	.152	-.703
190	232	-.262	.131	.200	-.768
190	233	-.276	.137	.152	-.885
190	234	-.057	.255	.758	-1.317
190	235	.107	.339	1.115	-1.275
190	236	-.127	.356	1.002	-1.322
190	237	-.302	.176	.408	-1.092
190	238	-.304	.156	.229	-.820
190	239	-.249	.169	.363	-.975
190	240	-.195	.204	.727	-.804
190	241	-.236	.152	.260	-.714
190	242	.034	.211	.778	-.796
190	243	.176	.291	1.016	-1.131
190	244	.094	.343	1.079	-1.548
190	245	.075	.280	.920	-1.220
190	246	-.041	.194	.554	-.795
190	247	-.143	.155	.373	-.768
190	248	-.202	.144	.310	-.770
190	249	-.250	.150	.294	-.724
190	250	-.120	.166	.374	-.817

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	251	-.146	.153	.308	-.760
190	252	-.191	.153	.270	-.834
190	253	-.175	.144	.336	-.814
190	254	-.062	.202	.610	-.938
190	255	.009	.251	.826	-1.011
190	256	-.102	.223	.552	-.945
190	257	-.223	.172	.316	-.784
190	258	-.080	.180	.470	-.820
190	259	-.086	.190	.665	-.968
190	260	-.122	.202	.876	-.918
190	261	-.122	.190	.653	-.909
190	262	-.117	.174	.458	-.681
190	263	-.118	.158	.423	-.719
190	264	-.112	.158	.457	-.693
190	265	-.095	.164	.517	-.879
190	266	-.130	.153	.338	-.758
190	267	-.169	.155	.319	-.846
190	268	-.114	.193	.554	-1.134
190	269	-.089	.178	.829	-.900
190	270	-.153	.175	.770	-1.072
190	271	-.129	.126	.287	-.685
190	272	-.098	.143	.468	-.635
190	273	-.156	.152	.365	-.906
190	274	-.175	.172	.380	-1.180
190	275	-.075	.193	.525	-1.053
190	276	-.039	.211	.938	-.746
190	277	-.072	.211	.869	-.690
190	278	-.071	.196	.670	-.953
190	279	-.055	.172	.511	-.865
190	280	-.047	.165	.481	-.722
190	281	.009	.151	.612	-.506
190	282	-.023	.180	.733	-.631
190	283	-.027	.178	.726	-.663
190	284	-.046	.178	.587	-.711
190	285	-.029	.184	.839	-.607
190	286	-.048	.225	.691	-1.031
190	287	.023	.208	.742	-.979
190	288	-.013	.184	.580	-.568
190	289	-.006	.199	.706	-.642
190	290	.008	.206	.932	-.650
190	291	.045	.212	.946	-.658
190	292	.080	.209	.984	-.517
190	293	.086	.219	.983	-.600
190	294	.105	.193	1.009	-.481
190	295	.118	.188	.994	-.472
190	296	-.018	.181	.564	-.828
190	297	.010	.185	.782	-.708
190	298	.013	.177	.702	-.631
190	299	.025	.179	.718	-.631
190	300	.016	.185	.671	-.999
190	301	.049	.192	.657	-.673
190	302	.068	.195	.785	-.508
190	303	.087	.190	.830	-.448
190	304	.091	.193	.865	-.447
190	401	-.025	.264	.876	-.989
190	402	.002	.274	1.211	-.814
190	403	-.018	.279	1.189	-.905
190	404	-.042	.283	1.046	-.954
190	405	.006	.316	1.105	-1.173
190	406	.020	.329	1.155	-1.404
190	407	.026	.264	1.030	-.860
190	408	-.098	.255	.916	-1.305
190	409	-.079	.226	.758	-.917
190	410	.071	.269	1.220	-.961
190	411	.081	.285	1.012	-1.005
190	412	.022	.274	1.058	-.851
190	413	.076	.265	1.156	-.733
190	414	.077	.257	1.180	-.771
190	415	.043	.234	1.256	-.541
190	416	-.017	.192	.815	-.600
190	417	-.064	.193	.697	-1.031
190	418	-.136	.233	.623	-1.306
190	419	-.028	.219	.683	-1.052
190	420	-.165	.228	.542	-1.373
190	421	-.079	.125	.309	-.442
190	422	.066	.255	1.035	-.837
190	423	.121	.276	1.022	-.744
190	424	.072	.256	.964	-.759
190	425	.049	.231	1.007	-.682
190	426	-.005	.198	.850	-.672
190	427	-.043	.173	.694	-.711
190	428	-.106	.191	.503	-.999
190	429	-.188	.209	.614	-1.157
190	430	-.072	.211	.704	-.884
190	431	-.180	.245	.598	-1.886
190	432	-.112	.197	.768	-.837
190	433	-.074	.221	.808	-.824
190	434	-.045	.217	.840	-.852
190	435	-.049	.200	.748	-.762
190	436	-.063	.187	.752	-.787
190	437	-.045	.192	.817	-.801
190	438	-.094	.205	.638	-1.037
190	439	-.179	.251	.446	-1.176
190	440	-.213	.253	.462	-1.219
190	441	-.117	.186	.612	-.876
190	442	-.155	.211	.392	-1.337
190	443	-.098	.174	.563	-.781
190	444	-.058	.186	.739	-.664
190	445	-.010	.188	.911	-.712
190	446	.002	.170	.890	-.632
190	447	.005	.161	.795	-.692
190	448	.000	.158	.731	-.843
190	449	-.018	.154	.543	-.672
190	450	-.032	.161	.562	-.707
190	451	-.055	.166	.515	-.719
190	452	-.062	.184	.762	-.757
190	453	-.057	.145	.453	-.859
190	454	.011	.172	.743	-.901
190	455	.060	.182	.798	-.889
190	456	.085	.186	.873	-.513
190	457	.053	.169	.929	-.442
190	458	.044	.155	.822	-.436
190	459	.024	.142	.725	-.513
190	460	-.008	.131	.462	-.524
190	461	-.036	.154	.415	-.861
190	462	-.045	.153	.391	-.699
190	463	.043	.166	.827	-.611
190	464	-.034	.169	.478	-.982
190	465	.048	.148	.507	-.433
190	466	.127	.144	.721	-.399
190	467	.173	.154	.752	-.554
190	468	.163	.152	.806	-.520
190	469	.086	.139	.585	-.530
190	470	.037	.137	.575	-.692
190	471	.146	.147	.655	-.786
190	472	.121	.143	.620	-.499
190	473	-.308	.158	.260	-.866
190	501	-.296	.158	.235	-.876
190	502	.010	.157	.533	-.989
190	503	-.299	.153	.336	-.911
190	504	-.234	.163	.269	-1.184
190	505	-.226	.185	.370	-1.092
190	506	-.209	.144	.254	-.900
190	507	-.223	.149	.259	-1.004
190	508	-.352	.146	.188	-.892
190	509	-.227	.142	.283	-.756
190	510	-.335	.251	.559	-1.463
190	511	-.313	.133	.114	-.784
190	512	-.407	.171	.138	-1.215
190	513	-.403	.168	.135	-1.147
190	514	-.292	.271	.724	-1.583
190	515	-.294	.132	.193	-.718
190	516	-.322	.252	.516	-1.429
190	517	-.469	.344	.873	-1.943
190	518	-.270	.171	.292	-1.126
190	519	-.276	.193	.404	-1.188
190	520	-.317	.158	.209	-1.382
190	521	-.324	.156	.172	-1.027
190	522	-.246	.259	.612	-1.677
190	523	-.332	.156	.195	-.932

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	524	-.277	.180	.220	-1.018
190	525	-.455	.261	.250	-1.788
190	526	-.273	.191	.300	-1.425
190	527	-.273	.145	.155	-.963
190	528	-.594	.295	.291	-2.097
190	529	-.305	.136	.204	-.767
190	530	-.324	.150	.279	-.967
190	531	-.320	.141	.220	-.988
190	532	-.571	.309	.302	-2.017
190	533	-.312	.138	.201	-.830
190	534	-.309	.149	.159	-.963
190	535	-.326	.139	.181	-.826
190	536	-.321	.144	.090	-1.153
190	537	-.300	.135	.163	-.966
190	538	-.321	.141	.120	-1.272
190	539	-.285	.140	.206	-.849
190	540	-.247	.146	.250	-.927
190	541	-.223	.134	.230	-.721
190	542	-.231	.139	.194	-.897
190	543	-.234	.146	.239	-.817
190	544	-.214	.123	.199	-.744
190	545	-.213	.147	.275	-.926
190	546	-.263	.137	.162	-1.119
190	547	-.247	.147	.198	-1.331
190	548	-.502	.296	.223	-2.104
190	549	-.429	.283	.351	-1.822
190	550	-.230	.171	.238	-1.294
190	551	-.362	.268	.305	-1.889
190	552	-.408	.259	.325	-1.615
190	553	-.269	.177	.164	-1.279
190	554	-.294	.180	.189	-1.119
190	555	-.247	.153	.200	-.916
190	556	-.172	.149	.341	-.706
190	557	-.151	.150	.390	-.767
190	558	-.258	.178	.259	-1.248
190	559	-.198	.153	.293	-.796
190	560	-.270	.205	.467	-1.499
190	561	-.304	.216	.464	-1.466
190	562	-.174	.145	.300	-.694
190	563	-.187	.164	.404	-.966
190	564	-.166	.128	.247	-.734
190	565	-.247	.181	.424	-1.179
190	566	-.200	.149	.203	-1.267
190	567	-.200	.147	.215	-1.017
190	568	-.173	.148	.269	-1.900
190	569	-.167	.145	.273	-1.322
190	570	-.142	.134	.312	-.678
190	571	-.128	.133	.296	-.562
190	572	-.127	.149	.327	-.890
190	573	-.132	.150	.329	-.793

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	574	-.158	.169	.306	-.856
190	575	-.221	.191	.395	-.976
190	576	-.209	.193	.354	-1.179
190	577	-.113	.139	.290	-.670
190	578	-.108	.140	.312	-.640
190	579	-.094	.139	.326	-.606
190	580	-.233	.208	.524	-1.811
190	581	-.102	.139	.375	-.596
190	582	-.112	.117	.269	-.482
190	583	-.111	.138	.300	-.642
190	584	-.099	.117	.248	-.485
190	585	-.077	.116	.261	-.479
190	586	-.062	.118	.289	-.475
190	587	-.046	.124	.318	-.448
190	588	-.049	.137	.462	-.574
190	589	-.066	.153	.425	-.926
190	590	-.148	.186	.370	-.985
190	591	-.186	.189	.386	-1.061
190	592	-.065	.152	.483	-.522
190	593	-.114	.148	.500	-.619
190	594	-.085	.146	.497	-.522
190	595	-.067	.144	.486	-.476
190	596	-.056	.141	.499	-.527
190	597	-.031	.137	.529	-.467
190	598	-.009	.141	.552	-.508
190	599	-.004	.143	.540	-.480
190	600	-.018	.166	.495	-.903
190	601	-.135	.203	.420	-1.018
190	602	-.181	.201	.391	-.996
190	603	-.054	.149	.492	-.538
190	604	-.092	.136	.433	-.554
190	605	-.077	.132	.453	-.529
190	606	-.060	.132	.467	-.530
190	607	-.028	.131	.503	-.468
190	608	-.014	.124	.504	-.529
190	609	-.012	.123	.479	-.493
190	610	.006	.127	.524	-.540
190	611	.031	.131	.498	-.575
190	612	-.050	.164	.599	-.792
190	613	-.073	.163	.472	-.724
190	701	-.103	.127	.314	-.520
190	702	-.127	.128	.289	-.641
190	703	-.164	.159	.271	-.877
190	704	-.280	.133	.237	-.773
190	705	-.267	.168	.307	-.872
190	706	-.265	.190	.336	-1.068
190	707	-.202	.199	.365	-1.735
190	708	-.285	.156	.198	-1.049
190	709	-.299	.133	.133	-.872
190	710	-.276	.125	.141	-.716

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	711	-.306	.173	.341	-1.388
190	712	-.310	.180	.356	-1.439
190	713	-.303	.150	.231	-1.055
190	714	-.200	.171	.412	-.850
190	715	-.318	.161	.307	-1.027
190	716	-.151	.190	.460	-.944
190	717	-.051	.200	.575	-.799
190	718	-.074	.189	.624	-.808
190	719	-.254	.183	.449	-1.082
190	720	-.187	.197	.463	-1.064
190	721	-.177	.225	.401	-.986
190	722	-.074	.227	.596	-.899
190	723	-.356	.200	.339	-1.362
190	724	-.473	.237	.305	-1.498
190	725	-.397	.344	.568	-2.066
190	726	-.257	.241	.583	-1.140
190	727	-.144	.345	.803	-1.636
190	728	-.179	.186	.387	-1.043
801		.080	.200	.792	-.506
802		.043	.195	.747	-.526
101		-.239	.168	.362	-.839
102		-.229	.156	.346	-.787
103		-.212	.148	.316	-.707
104		-.204	.141	.287	-.794
105		-.221	.127	.208	-.704
106		-.256	.149	.191	-.971
107		-.216	.118	.190	-.632
108		-.256	.145	.209	-.762
109		-.222	.144	.375	-.975
110		-.198	.127	.238	-.744
111		-.184	.134	.250	-.635
112		-.189	.122	.212	-.620
113		-.218	.129	.169	-.651
114		-.205	.127	.164	-.618
115		-.210	.129	.185	-.761
116		-.215	.128	.220	-.719
117		-.272	.149	.197	-.923
118		-.240	.125	.158	-.766
119		-.231	.121	.156	-.654
120		-.232	.121	.161	-.626
121		-.225	.116	.134	-.628
122		-.230	.117	.136	-.658
123		-.238	.118	.129	-.679
124		-.269	.134	.162	-.761
125		-.241	.133	.157	-.806
126		-.216	.120	.179	-.760
127		-.212	.117	.202	-.626
128		-.219	.113	.168	-.632
129		-.222	.113	.188	-.614
130		-.212	.112	.157	-.561

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	131	-.209	.113	.159	-.526
200	132	-.194	.119	.266	-.583
200	133	-.192	.122	.263	-.585
200	134	-.273	.141	.208	-1.037
200	135	-.211	.119	.160	-.677
200	136	-.293	.144	.179	-.818
200	137	-.257	.140	.250	-.846
200	138	-.256	.146	.230	-1.041
200	139	-.251	.138	.316	-.789
200	140	-.267	.138	.126	-.900
200	141	-.260	.137	.234	-.907
200	142	-.251	.132	.179	-1.129
200	143	-.244	.130	.210	-.644
200	144	-.238	.121	.162	-.593
200	145	-.227	.107	.203	-.651
200	146	-.209	.104	.212	-.621
200	147	-.205	.105	.208	-.627
200	148	-.201	.106	.178	-.539
200	149	-.220	.124	.250	-.642
200	150	-.260	.135	.217	-1.048
200	151	-.212	.130	.268	-.852
200	152	-.183	.152	.449	-.857
200	153	-.255	.133	.292	-.886
200	154	-.247	.131	.280	-.953
200	155	-.250	.130	.261	-1.001
200	156	-.248	.128	.228	-.792
200	157	-.225	.127	.223	-.688
200	158	-.215	.124	.224	-.666
200	159	-.201	.123	.226	-.638
200	160	-.176	.120	.211	-.612
200	161	-.170	.131	.315	-.652
200	162	-.160	.132	.338	-.640
200	163	-.255	.152	.197	-.856
200	164	-.140	.132	.333	-.623
200	165	-.172	.140	.281	-.665
200	166	-.257	.168	.259	-1.380
200	167	-.242	.154	.278	-1.020
200	168	-.210	.135	.291	-.682
200	169	-.209	.116	.167	-.615
200	170	-.187	.113	.184	-.628
200	171	-.192	.115	.193	-.589
200	172	-.176	.115	.199	-.545
200	173	-.164	.115	.244	-.584
200	174	-.148	.112	.285	-.512
200	175	-.143	.114	.289	-.539
200	176	-.100	.143	.372	-.562
200	201	-.488	.395	.850	-2.379
200	202	-.188	.263	.636	-1.486
200	203	-.381	.238	.337	-1.713
200	204	-.369	.223	.377	-1.439
200	205	-.342	.225	.415	-1.615
200	206	-.302	.207	.354	-1.099
200	207	-.299	.190	.292	-1.106
200	208	-.478	.306	.838	-1.685
200	209	-.276	.292	.662	-1.564
200	210	-.352	.196	.276	-1.637
200	211	-.296	.198	.308	-1.326
200	212	-.440	.253	.288	-1.617
200	213	-.325	.250	.515	-1.646
200	214	-.318	.198	.203	-1.537
200	215	-.321	.201	.390	-1.192
200	216	-.299	.174	.294	-.959
200	217	-.295	.194	.358	-.996
200	218	-.293	.204	.442	-1.244
200	219	-.400	.223	.502	-1.517
200	220	-.334	.217	.625	-1.328
200	221	-.310	.187	.389	-1.443
200	222	-.296	.180	.225	-1.125
200	223	-.403	.232	.337	-1.771
200	224	-.361	.213	.553	-1.600
200	225	-.302	.173	.243	-1.330
200	226	-.295	.171	.279	-1.194
200	227	-.288	.174	.317	-1.018
200	228	-.290	.171	.292	-.921
200	229	-.296	.178	.303	-1.082
200	230	-.223	.122	.270	-.597
200	231	-.238	.127	.260	-.619
200	232	-.240	.131	.267	-.637
200	233	-.244	.132	.301	-.752
200	234	-.382	.264	.673	-2.474
200	235	-.320	.245	.877	-1.568
200	236	-.316	.232	.565	-1.764
200	237	-.230	.138	.190	-.811
200	238	-.299	.179	.443	-1.624
200	239	-.228	.126	.361	-.676
200	240	-.230	.131	.452	-.799
200	241	-.233	.122	.201	-.692
200	242	-.341	.305	.742	-2.010
200	243	-.247	.305	1.020	-1.590
200	244	-.365	.271	.748	-1.807
200	245	-.340	.240	.595	-1.775
200	246	-.203	.204	.503	-1.125
200	247	-.269	.174	.441	-1.119
200	248	-.287	.160	.205	-.994
200	249	-.265	.156	.427	-1.153
200	250	-.235	.164	.394	-.952
200	251	-.238	.152	.325	-.818
200	252	-.245	.147	.253	-.744
200	253	-.255	.174	.340	-1.152
200	254	-.253	.346	.697	-1.962
200	255	-.188	.282	.899	-1.242
200	256	-.295	.246	.535	-1.162
200	257	-.234	.143	.355	-1.065
200	258	-.256	.287	.552	-1.558
200	259	-.190	.243	.561	-1.152
200	260	-.271	.232	.750	-2.004
200	261	-.260	.225	.752	-1.998
200	262	-.199	.218	.513	-1.258
200	263	-.193	.180	.413	-1.173
200	264	-.190	.167	.426	-.831
200	265	-.156	.184	.526	-.750
200	266	-.183	.148	.311	-.904
200	267	-.218	.139	.254	-.837
200	268	-.266	.254	.487	-1.437
200	269	-.220	.208	.600	-1.144
200	270	-.261	.206	.533	-1.247
200	271	-.224	.143	.304	-.693
200	272	-.139	.158	.436	-.698
200	273	-.156	.159	.437	-.663
200	274	-.215	.139	.361	-.736
200	275	-.264	.206	.436	-1.135
200	276	-.217	.196	.530	-1.081
200	277	-.229	.166	.517	-.980
200	278	-.243	.179	.364	-1.147
200	279	-.220	.167	.352	-1.023
200	280	-.191	.163	.363	-.918
200	281	-.114	.143	.442	-.542
200	282	-.155	.179	.635	-.987
200	283	-.137	.172	.538	-.883
200	284	-.131	.169	.582	-.941
200	285	-.145	.156	.362	-.685
200	286	-.286	.210	.574	-1.210
200	287	-.194	.176	.642	-.919
200	288	-.173	.133	.453	-.630
200	289	-.169	.152	.509	-.696
200	290	-.161	.166	.666	-.764
200	291	-.135	.155	.632	-.729
200	292	-.101	.152	.683	-.630
200	293	-.122	.162	.661	-.691
200	294	-.090	.155	.511	-.529
200	295	-.071	.152	.478	-.499
200	296	-.188	.171	.371	-.959
200	297	-.142	.156	.406	-.926
200	298	-.142	.144	.355	-1.000
200	299	-.137	.145	.349	-1.012
200	300	-.138	.151	.360	-1.079
200	301	-.129	.154	.335	-1.080
200	302	-.071	.139	.539	-.598
200	303	-.059	.138	.581	-.563
200	304	-.052	.141	.595	-.563

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	401	.123	.222	1.026	-.601
200	402	.200	.238	1.077	-.601
200	403	.187	.264	1.022	-.798
200	404	.106	.279	1.106	-.856
200	405	-.007	.311	1.143	-1.327
200	406	-.048	.319	1.136	-1.313
200	407	.273	.235	.967	-.553
200	408	-.184	.248	.663	-1.143
200	409	-.037	.171	.648	-.732
200	410	.201	.189	.973	-.644
200	411	.302	.222	1.288	-.530
200	412	.311	.241	1.166	-.667
200	413	.450	.264	1.609	-.539
200	414	.476	.275	1.387	-.524
200	415	.444	.298	1.398	-.577
200	416	.290	.289	1.407	-.590
200	417	.068	.249	.964	-.710
200	418	-.175	.221	.684	-1.098
200	419	.044	.182	.770	-.693
200	420	-.196	.200	.503	-1.112
200	421	-.009	.122	.406	-.366
200	422	.235	.202	.920	-.456
200	423	.404	.244	1.095	-.840
200	424	.416	.264	1.203	-.913
200	425	.415	.286	1.175	-.557
200	426	.316	.286	1.253	-.662
200	427	.153	.259	1.179	-.653
200	428	-.038	.208	.822	-.663
200	429	-.227	.183	.515	-.844
200	430	.032	.185	.745	-.775
200	431	-.178	.185	.502	-.902
200	432	.011	.187	.668	-1.114
200	433	.179	.196	.987	-.508
200	434	.284	.226	1.037	-.542
200	435	.279	.238	1.117	-.446
200	436	.235	.239	1.066	-.444
200	437	.163	.225	1.040	-.533
200	438	.063	.195	.924	-.822
200	439	-.013	.180	.706	-.825
200	440	-.132	.184	.629	-.893
200	441	.039	.190	.804	-.595
200	442	-.136	.205	.454	-.981
200	443	.045	.176	.688	-.680
200	444	.142	.193	.834	-.678
200	445	.207	.199	1.135	-.511
200	446	.194	.191	.858	-.405
200	447	.171	.190	.866	-.424
200	448	.125	.175	.882	-.444
200	449	.057	.155	.650	-.494
200	450	-.040	.155	.616	-.758

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	451	-.134	.184	.489	-1.020
200	452	.054	.169	.788	-.642
200	453	-.146	.174	.417	-.905
200	454	.077	.144	.643	-.475
200	455	.148	.156	.843	-.483
200	456	.199	.168	1.007	-.419
200	457	.167	.176	.808	-.399
200	458	.145	.173	.829	-.405
200	459	.108	.169	.924	-.461
200	460	.039	.158	.804	-.498
200	461	-.046	.144	.460	-.584
200	462	-.131	.148	.420	-.760
200	463	.079	.143	.726	-.498
200	464	-.157	.152	.440	-.707
200	465	.085	.132	.490	-.384
200	466	.169	.136	.598	-.291
200	467	.228	.148	.656	-.250
200	468	.229	.152	.686	-.272
200	469	.134	.135	.640	-.332
200	470	.029	.131	.418	-.464
200	471	.226	.137	.936	-.243
200	472	.199	.137	.756	-.261
200	473	-.252	.155	.243	-.851
200	501	-.235	.146	.245	-.738
200	502	-.083	.146	.619	-.555
200	503	-.254	.159	.262	-.953
200	504	-.239	.157	.346	-.842
200	505	-.287	.225	.443	-1.271
200	506	-.158	.137	.390	-.695
200	507	-.206	.147	.381	-.715
200	508	-.238	.145	.247	-.884
200	509	-.195	.150	.357	-.794
200	510	-.467	.262	.543	-1.419
200	511	-.240	.135	.203	-.758
200	512	-.282	.169	.266	-.997
200	513	-.270	.164	.278	-1.113
200	514	-.436	.371	.546	-2.135
200	515	-.226	.138	.266	-.734
200	516	-.483	.246	.313	-1.588
200	517	-.587	.287	.390	-1.932
200	518	-.331	.178	.172	-1.116
200	519	-.385	.207	.157	-1.247
200	520	-.234	.144	.237	-.809
200	521	-.242	.142	.231	-.966
200	522	-.225	.256	.552	-1.378
200	523	-.246	.137	.253	-.860
200	524	-.279	.215	.311	-1.181
200	525	-.593	.300	.239	-1.762
200	526	-.306	.211	.455	-1.388
200	527	-.213	.141	.345	-.886

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	528	-.642	.275	.192	-1.887
200	529	-.238	.142	.188	-.949
200	530	-.255	.134	.378	-.741
200	531	-.245	.133	.160	-.687
200	532	-.648	.268	.253	-2.165
200	533	-.248	.156	.232	-1.312
200	534	-.257	.131	.284	-.779
200	535	-.244	.136	.234	-.760
200	536	-.243	.136	.174	-.762
200	537	-.239	.147	.223	-1.142
200	538	-.241	.131	.150	-.782
200	539	-.230	.148	.324	-1.213
200	540	-.220	.174	.348	-1.283
200	541	-.200	.134	.239	-.706
200	542	-.232	.189	.290	-1.237
200	543	-.209	.139	.244	-.820
200	544	-.204	.156	.308	-1.115
200	545	-.169	.146	.370	-1.032
200	546	-.238	.154	.201	-1.068
200	547	-.233	.186	.297	-1.225
200	548	-.643	.284	.280	-2.189
200	549	-.545	.302	.340	-1.732
200	550	-.328	.279	.329	-1.651
200	551	-.558	.317	.333	-1.979
200	552	-.574	.288	.312	-1.717
200	553	-.231	.124	.242	-1.485
200	554	-.213	.117	.243	-.887
200	555	-.188	.111	.270	-.652
200	556	-.141	.123	.266	-.582
200	557	-.108	.131	.311	-.811
200	558	-.212	.127	.219	-.721
200	559	-.172	.123	.234	-.626
200	560	-.423	.297	.400	-1.605
200	561	-.464	.290	.311	-1.709
200	562	-.145	.159	.350	-1.118
200	563	-.199	.243	.413	-1.548
200	564	-.184	.131	.243	-.685
200	565	-.364	.260	.448	-1.673
200	566	-.229	.144	.228	-1.052
200	567	-.218	.140	.221	-.866
200	568	-.192	.142	.343	-.972
200	569	-.182	.138	.352	-.924
200	570	-.143	.128	.370	-.650
200	571	-.109	.126	.401	-.475
200	572	-.075	.138	.362	-.731
200	573	-.067	.143	.373	-.904
200	574	-.086	.190	.431	-1.543
200	575	-.217	.241	.500	-2.088
200	576	-.326	.249	.466	-1.439
200	577	-.190	.136	.285	-.651

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	578	-.178	.137	.304	-.629
200	579	-.147	.132	.355	-.514
200	580	-.209	.206	.507	-1.246
200	581	-.102	.138	.528	-.523
200	582	-.131	.133	.277	-.639
200	583	-.124	.126	.301	-.545
200	584	-.111	.119	.345	-.557
200	585	-.075	.112	.333	-.433
200	586	-.043	.113	.335	-.398
200	587	-.008	.116	.410	-.424
200	588	.003	.128	.416	-.459
200	589	-.004	.147	.477	-.732
200	590	-.107	.193	.596	-1.131
200	591	-.150	.191	.678	-1.057
200	592	-.041	.133	.429	-.437
200	593	-.101	.126	.308	-.497
200	594	-.063	.124	.375	-.483
200	595	-.047	.122	.404	-.454
200	596	-.037	.126	.408	-.437
200	597	-.014	.125	.429	-.404
200	598	.021	.131	.495	-.466
200	599	.034	.134	.497	-.472
200	600	.019	.142	.536	-.534
200	601	-.091	.176	.466	-.815
200	602	-.124	.170	.401	-.807
200	603	-.032	.129	.475	-.419
200	604	-.074	.121	.396	-.541
200	605	-.057	.118	.390	-.506
200	606	-.035	.119	.393	-.428
200	607	-.001	.119	.439	-.398
200	608	.048	.121	.473	-.346
200	609	.060	.121	.488	-.354
200	610	.084	.123	.516	-.361
200	611	.084	.132	.662	-.368
200	612	-.019	.154	.410	-.576
200	613	-.018	.163	.626	-.746
200	701	-.151	.131	.321	-.600
200	702	-.187	.130	.255	-.610
200	703	-.179	.194	.669	-1.053
200	704	-.221	.121	.169	-.640
200	705	-.243	.146	.265	-1.165
200	706	-.238	.153	.423	-1.123
200	707	-.165	.211	.714	-1.090
200	708	-.214	.151	.359	-.954
200	709	-.239	.150	.229	-.893
200	710	-.219	.140	.218	-.749
200	711	-.234	.141	.222	-.763
200	712	-.237	.150	.269	-.757
200	713	-.240	.147	.283	-.738
200	714	-.183	.172	.540	-.810
200	715	-.276	.172	.315	-.877
200	716	-.244	.204	.475	-1.077
200	717	-.161	.217	.536	-.974
200	718	-.189	.214	.445	-1.104
200	719	-.240	.180	.331	-1.072
200	720	-.340	.246	.378	-1.366
200	721	-.409	.249	.320	-1.393
200	722	-.243	.265	.478	-1.306
200	723	-.404	.215	.256	-1.583
200	724	-.499	.205	.153	-1.439
200	725	-.527	.304	.566	-2.068
200	726	-.404	.220	.425	-1.528
200	727	-.485	.338	.858	-1.855
200	728	-.312	.207	.314	-1.229
200	801	-.070	.156	.454	-.589
200	802	-.085	.143	.338	-.580
210	101	-.224	.136	.367	-.774
210	102	-.210	.127	.350	-.676
210	103	-.215	.123	.314	-.607
210	104	-.207	.124	.286	-.633
210	105	-.212	.134	.278	-.760
210	106	-.230	.139	.219	-.896
210	107	-.206	.130	.231	-.670
210	108	-.234	.136	.185	-.920
210	109	-.209	.139	.293	-.650
210	110	-.193	.133	.284	-.596
210	111	-.181	.129	.264	-.663
210	112	-.186	.135	.271	-.558
210	113	-.195	.128	.183	-.688
210	114	-.175	.127	.215	-.608
210	115	-.183	.132	.230	-.647
210	116	-.209	.149	.289	-.684
210	117	-.216	.132	.251	-.619
210	118	-.213	.133	.252	-.670
210	119	-.209	.125	.245	-.666
210	120	-.213	.126	.252	-.682
210	121	-.229	.132	.194	-.656
210	122	-.230	.133	.204	-.670
210	123	-.241	.136	.189	-.701
210	124	-.232	.132	.198	-.665
210	125	-.229	.116	.177	-.587
210	126	-.209	.111	.225	-.569
210	127	-.219	.115	.194	-.578
210	128	-.221	.116	.164	-.599
210	129	-.201	.113	.238	-.580
210	130	-.191	.112	.299	-.568
210	131	-.184	.113	.288	-.573
210	132	-.170	.139	.264	-.617
210	133	-.166	.142	.302	-.656
210	134	-.235	.124	.256	-.678
210	135	-.178	.122	.230	-.662
210	136	-.256	.126	.132	-.708
210	137	-.277	.143	.133	-.781
210	138	-.237	.126	.209	-.619
210	139	-.232	.124	.203	-.608
210	140	-.271	.125	.138	-.753
210	141	-.255	.113	.129	-.656
210	142	-.239	.110	.146	-.627
210	143	-.221	.131	.256	-.639
210	144	-.207	.111	.160	-.574
210	145	-.204	.114	.217	-.564
210	146	-.189	.115	.213	-.578
210	147	-.185	.122	.238	-.551
210	148	-.178	.125	.276	-.566
210	149	-.176	.132	.190	-.609
210	150	-.253	.129	.157	-.719
210	151	-.193	.133	.177	-.602
210	152	-.169	.130	.242	-.679
210	153	-.273	.127	.217	-.728
210	154	-.252	.125	.231	-.702
210	155	-.232	.127	.218	-.661
210	156	-.213	.128	.274	-.716
210	157	-.200	.118	.208	-.664
210	158	-.193	.116	.219	-.623
210	159	-.199	.119	.189	-.632
210	160	-.203	.120	.188	-.622
210	161	-.203	.126	.268	-.645
210	162	-.195	.125	.265	-.651
210	163	-.256	.130	.223	-.931
210	164	-.202	.129	.292	-.645
210	165	-.266	.132	.183	-.722
210	166	-.281	.134	.210	-.705
210	167	-.273	.134	.206	-.681
210	168	-.252	.136	.218	-.689
210	169	-.216	.124	.146	-.664
210	170	-.204	.121	.163	-.611
210	171	-.207	.123	.165	-.616
210	172	-.205	.128	.225	-.639
210	173	-.238	.130	.167	-.709
210	174	-.238	.128	.194	-.716
210	175	-.238	.131	.186	-.744
210	176	-.127	.167	.961	-.662
201	201	-.472	.262	.490	-2.002
210	202	-.109	.176	.568	-.942
210	203	-.254	.158	.264	-1.229
210	204	-.253	.156	.258	-1.069
210	205	-.267	.180	.310	-1.215
210	206	-.265	.180	.255	-1.084
210	207	-.273	.184	.368	-1.025
210	208	-.454	.205	.195	-1.275

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	209	-.225	.239	.583	-1.159
210	210	-.227	.150	.223	-.841
210	211	-.260	.164	.367	-.983
210	212	-.451	.220	.255	-1.525
210	213	-.285	.206	.463	-1.175
210	214	-.216	.147	.333	-.728
210	215	-.236	.144	.196	-.748
210	216	-.242	.134	.256	-.667
210	217	-.263	.150	.241	-.916
210	218	-.266	.155	.251	-.943
210	219	-.392	.195	.182	-1.262
210	220	-.323	.171	.353	-1.040
210	221	-.213	.144	.280	-.771
210	222	-.242	.144	.226	-.797
210	223	-.392	.204	.111	-1.457
210	224	-.338	.175	.327	-1.159
210	225	-.227	.139	.212	-.828
210	226	-.225	.137	.194	-.737
210	227	-.244	.134	.222	-.776
210	228	-.264	.141	.176	-.913
210	229	-.267	.146	.184	-.898
210	230	-.218	.121	.159	-.656
210	231	-.216	.127	.210	-.586
210	232	-.221	.129	.247	-.613
210	233	-.228	.130	.226	-.677
210	234	-.386	.199	.157	-1.400
210	235	-.343	.170	.199	-1.225
210	236	-.245	.138	.272	-.854
210	237	-.249	.124	.149	-.698
210	238	-.278	.138	.124	-.840
210	239	-.240	.142	.260	-.746
210	240	-.244	.144	.256	-.714
210	241	-.221	.140	.255	-.687
210	242	-.378	.209	.229	-1.470
210	243	-.332	.172	.204	-.965
210	244	-.265	.149	.269	-1.021
210	245	-.260	.144	.259	-.993
210	246	-.278	.138	.181	-.944
210	247	-.286	.133	.121	-.952
210	248	-.279	.136	.194	-1.091
210	249	-.290	.131	.140	-.868
210	250	-.288	.137	.203	-.845
210	251	-.284	.135	.174	-.801
210	252	-.293	.140	.166	-.797
210	253	-.276	.138	.198	-.768
210	254	-.391	.206	.165	-1.634
210	255	-.344	.161	.260	-1.027
210	256	-.265	.112	.095	-.686
210	257	-.285	.138	.114	-.856
210	258	-.430	.254	.224	-1.746
210	259	-.341	.168	.130	-.967
210	260	-.280	.181	.255	-1.216
210	261	-.276	.178	.258	-1.096
210	262	-.273	.145	.157	-.801
210	263	-.278	.141	.174	-.817
210	264	-.271	.139	.180	-.694
210	265	-.279	.142	.164	-.753
210	266	-.287	.148	.264	-.944
210	267	-.294	.152	.149	-.940
210	268	-.454	.253	.422	-1.770
210	269	-.328	.178	.238	-1.223
210	270	-.273	.160	.220	-.845
210	271	-.298	.138	.176	-.983
210	272	-.254	.131	.147	-.754
210	273	-.283	.135	.147	-.809
210	274	-.314	.141	.194	-.877
210	275	-.449	.223	.132	-1.916
210	276	-.306	.183	.284	-1.378
210	277	-.259	.151	.310	-1.144
210	278	-.265	.152	.232	-.892
210	279	-.286	.142	.210	-.841
210	280	-.288	.145	.196	-.974
210	281	-.200	.130	.320	-.689
210	282	-.287	.156	.337	-.787
210	283	-.253	.165	.545	-.760
210	284	-.223	.168	.574	-.735
210	285	-.258	.141	.285	-.964
210	286	-.400	.202	.248	-1.428
210	287	-.229	.177	.343	-1.032
210	288	-.200	.133	.211	-.869
210	289	-.198	.155	.328	-.954
210	290	-.258	.149	.178	-.842
210	291	-.226	.143	.253	-.825
210	292	-.146	.141	.332	-.634
210	293	-.228	.149	.221	-.890
210	294	-.156	.149	.502	-.664
210	295	-.089	.154	.506	-.627
210	296	-.276	.188	.394	-1.061
210	297	-.175	.165	.426	-.738
210	298	-.218	.149	.260	-.884
210	299	-.209	.154	.256	-.962
210	300	-.235	.177	.215	-1.919
210	301	-.215	.175	.314	-1.149
210	302	-.133	.169	.536	-.803
210	303	-.008	.184	.745	-.538
210	304	.021	.197	.802	-.566
210	401	.166	.161	.728	-.572
210	402	.248	.161	.816	-.476
210	403	.265	.160	.814	-.452
210	404	.259	.163	.865	-.665
210	405	.190	.190	.834	-.576
210	406	.153	.190	.758	-.794
210	407	.349	.183	.953	-.249
210	408	.077	.185	.713	-.711
210	409	.025	.178	.691	-.612
210	410	.250	.174	.825	-.391
210	411	.344	.179	.877	-.451
210	412	.366	.179	.958	-.545
210	413	.509	.196	1.154	-.283
210	414	.570	.201	1.293	-.266
210	415	.622	.215	1.414	-.249
210	416	.582	.218	1.387	-.297
210	417	.414	.197	1.043	-.279
210	418	.088	.174	.694	-.578
210	419	.117	.165	.751	-.419
210	420	.063	.171	.607	-.481
210	421	.049	.144	.476	-.497
210	422	.322	.186	1.045	-.260
210	423	.538	.200	1.160	-.066
210	424	.603	.206	1.195	.016
210	425	.557	.214	1.411	-.071
210	426	.553	.215	1.252	-.068
210	427	.477	.217	1.225	-.241
210	428	.267	.198	1.041	-.467
210	429	-.005	.161	.573	-.623
210	430	.105	.170	.715	-.686
210	431	.018	.162	.692	-.556
210	432	.071	.174	.721	-.575
210	433	.235	.170	.952	-.282
210	434	.425	.174	1.088	-.080
210	435	.472	.182	1.041	-.097
210	436	.488	.187	1.065	-.139
210	437	.467	.206	1.327	-.057
210	438	.382	.211	1.225	-.290
210	439	.224	.200	1.117	-.365
210	440	-.029	.167	.801	-.515
210	441	.044	.175	.766	-.723
210	442	-.050	.159	.621	-.550
210	443	.020	.171	.845	-.578
210	444	.172	.169	.968	-.432
210	445	.341	.184	1.376	-.267
210	446	.384	.185	1.238	-.179
210	447	.393	.190	1.126	-.153
210	448	.376	.193	1.068	-.211
210	449	.262	.182	.896	-.282
210	450	.104	.170	.765	-.457
210	451	-.083	.157	.557	-.634
210	452	-.060	.156	.598	-.525
210	453	-.108	.162	.425	-.674
210	454	.036	.150	.761	-.658

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	455	.132	.150	.824	-.522
210	456	.229	.153	.927	-.288
210	457	.275	.166	.829	-.269
210	458	.285	.164	.835	-.231
210	459	.277	.166	.906	-.282
210	460	.218	.165	.815	-.330
210	461	.063	.144	.593	-.484
210	462	-.078	.135	.416	-.722
210	463	.062	.136	.569	-.459
210	464	-.142	.140	.428	-.674
210	465	.118	.146	.629	-.324
210	466	.181	.134	.685	-.178
210	467	.266	.147	.893	-.128
210	468	.287	.149	.959	-.137
210	469	.238	.145	.847	-.319
210	470	.097	.138	.647	-.443
210	471	.320	.144	.979	-.203
210	472	.309	.146	.986	-.232
210	473	-.229	.145	.208	-.776
210	501	-.207	.135	.194	-.755
210	502	-.023	.137	.554	-.451
210	503	-.225	.148	.202	-.885
210	504	-.195	.138	.265	-.665
210	505	-.266	.193	.320	-.957
210	506	-.142	.129	.265	-.548
210	507	-.181	.134	.287	-.623
210	508	-.212	.134	.256	-.799
210	509	-.211	.145	.213	-.787
210	510	-.368	.195	.372	-1.540
210	511	-.207	.124	.199	-.720
210	512	-.261	.151	.185	-.967
210	513	-.269	.148	.211	-.993
210	514	-.464	.292	.439	-1.631
210	515	-.199	.129	.218	-.660
210	516	-.504	.205	.173	-1.274
210	517	-.506	.206	.150	-1.728
210	518	-.382	.184	.202	-1.083
210	519	-.447	.202	.193	-1.227
210	520	-.229	.148	.323	-.910
210	521	-.230	.144	.403	-.833
210	522	-.208	.200	.410	-1.280
210	523	-.232	.143	.335	-.770
210	524	-.212	.221	.604	-1.504
210	525	-.577	.299	.483	-1.777
210	526	-.191	.212	.521	-1.103
210	527	-.179	.139	.393	-.817
210	528	-.638	.288	.296	-2.258
210	529	-.225	.144	.268	-.893
210	530	-.230	.136	.317	-.825
210	531	-.240	.139	.254	-.832
210	532	-.585	.233	.359	-1.623
210	533	-.249	.147	.193	-1.074
210	534	-.256	.144	.219	-.987
210	535	-.251	.135	.168	-.845
210	536	-.260	.141	.169	-.831
210	537	-.236	.146	.233	-.953
210	538	-.261	.137	.185	-.791
210	539	-.225	.159	.365	-.880
210	540	-.194	.191	.422	-1.033
210	541	-.169	.128	.233	-.641
210	542	-.196	.183	.332	-1.413
210	543	-.178	.136	.249	-.785
210	544	-.129	.155	.307	-1.105
210	545	-.122	.163	.419	-.848
210	546	-.195	.171	.383	-1.181
210	547	-.189	.205	.388	-1.114
210	548	-.564	.244	.179	-1.880
210	549	-.527	.267	.345	-1.440
210	550	-.328	.309	.480	-1.722
210	551	-.537	.278	.292	-2.101
210	552	-.528	.245	.735	-1.504
210	553	-.205	.128	.256	-.764
210	554	-.185	.130	.231	-.740
210	555	-.158	.128	.290	-.658
210	556	-.127	.125	.329	-.674
210	557	-.095	.140	.411	-.778
210	558	-.204	.127	.193	-.698
210	559	-.156	.125	.260	-.664
210	560	-.476	.245	.394	-1.339
210	561	-.491	.236	.352	-1.573
210	562	-.110	.167	.354	-1.155
210	563	-.235	.275	.483	-1.538
210	564	-.176	.127	.252	-.620
210	565	-.492	.227	.217	-1.475
210	566	-.216	.130	.198	-.654
210	567	-.203	.129	.227	-.608
210	568	-.208	.143	.303	-.727
210	569	-.189	.139	.306	-.686
210	570	-.155	.139	.317	-.679
210	571	-.113	.139	.313	-.701
210	572	-.094	.135	.412	-.800
210	573	-.095	.155	.277	-1.159
210	574	-.189	.235	.394	-1.251
210	575	-.399	.229	.328	-1.519
210	576	-.361	.220	.334	-1.473
210	577	-.208	.143	.239	-.854
210	578	-.198	.147	.257	-.785
210	579	-.156	.140	.270	-.690
210	580	-.339	.210	.397	-1.250
210	581	-.085	.180	.807	-.678
210	582	-.202	.132	.280	-.711
210	583	-.195	.150	.291	-.785
210	584	-.169	.140	.319	-.792
210	585	-.104	.124	.497	-.554
210	586	-.066	.126	.424	-.621
210	587	-.033	.135	.411	-.749
210	588	-.039	.140	.373	-.917
210	589	-.092	.176	.410	-.963
210	590	-.237	.185	.396	-.950
210	591	-.256	.173	.370	-1.157
210	592	-.021	.155	.582	-.463
210	593	-.090	.137	.349	-.496
210	594	-.052	.138	.426	-.486
210	595	-.035	.138	.440	-.499
210	596	-.016	.127	.370	-.441
210	597	.012	.125	.402	-.377
210	598	.042	.132	.456	-.379
210	599	.042	.142	.531	-.534
210	600	-.012	.157	.541	-.645
210	601	-.092	.166	.442	-.873
210	602	-.103	.158	.433	-.917
210	603	.007	.139	.504	-.398
210	604	-.060	.118	.346	-.467
210	605	-.035	.114	.336	-.405
210	606	-.013	.117	.403	-.413
210	607	.022	.118	.421	-.392
210	608	.088	.132	.573	-.372
210	609	.112	.132	.600	-.336
210	610	.132	.140	.656	-.323
210	611	.101	.164	.594	-.724
210	612	.012	.178	.723	-.840
210	613	-.016	.186	.573	-1.000
210	701	-.196	.142	.282	-.720
210	702	-.208	.139	.238	-.749
210	703	-.238	.152	.267	-.996
210	704	-.199	.134	.174	-.754
210	705	-.261	.127	.146	-.695
210	706	-.247	.122	.147	-.624
210	707	-.298	.146	.114	-.964
210	708	-.210	.138	.223	-.725
210	709	-.218	.141	.189	-.753
210	710	-.205	.131	.156	-.674
210	711	-.223	.133	.195	-.725
210	712	-.215	.131	.174	-.676
210	713	-.212	.138	.239	-.747
210	714	-.183	.152	.435	-.683
210	715	-.247	.155	.301	-1.095
210	716	-.240	.166	.248	-1.037
210	717	-.272	.173	.337	-.951
210	718	-.279	.174	.343	-.987

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	719	-.276	.185	.362	-.932
210	720	-.339	.189	.263	-1.251
210	721	-.301	.173	.228	-1.339
210	722	-.309	.181	.311	-1.076
210	723	-.369	.186	.356	-1.206
210	724	-.415	.182	.172	-1.096
210	725	-.472	.213	.332	-1.293
210	726	-.272	.175	.273	-1.257
210	727	-.292	.189	.263	-1.077
210	728	-.304	.169	.228	-.956
210	801	-.068	.180	.610	-.677
210	802	-.081	.159	.582	-.666
220	101	-.195	.140	.307	-.738
220	102	-.190	.135	.278	-.647
220	103	-.196	.135	.224	-.663
220	104	-.193	.136	.263	-.695
220	105	-.204	.139	.263	-.720
220	106	-.196	.135	.202	-.677
220	107	-.208	.132	.218	-.706
220	108	-.197	.134	.198	-.753
220	109	-.205	.132	.229	-.786
220	110	-.200	.125	.235	-.661
220	111	-.204	.126	.275	-.726
220	112	-.209	.124	.230	-.631
220	113	-.207	.121	.189	-.655
220	114	-.201	.122	.203	-.628
220	115	-.210	.126	.224	-.658
220	116	-.221	.132	.200	-.688
220	117	-.217	.141	.247	-.799
220	118	-.235	.139	.178	-.826
220	119	-.230	.133	.175	-.793
220	120	-.246	.136	.174	-.855
220	121	-.232	.126	.227	-.621
220	122	-.229	.127	.281	-.641
220	123	-.235	.129	.301	-.636
220	124	-.208	.133	.198	-.665
220	125	-.187	.122	.257	-.614
220	126	-.182	.114	.218	-.575
220	127	-.185	.114	.187	-.622
220	128	-.208	.118	.170	-.692
220	129	-.217	.121	.212	-.567
220	130	-.212	.118	.153	-.554
220	131	-.211	.118	.158	-.561
220	132	-.193	.122	.183	-.572
220	133	-.198	.123	.183	-.639
220	134	-.208	.115	.250	-.677
220	135	-.207	.113	.247	-.642
220	136	-.233	.117	.234	-.677
220	137	-.238	.128	.169	-.696
220	138	-.198	.129	.163	-.730
220	139	-.190	.127	.166	-.710
220	140	-.200	.130	.234	-.687
220	141	-.199	.130	.318	-.600
220	142	-.189	.124	.311	-.598
220	143	-.187	.121	.171	-.644
220	144	-.192	.121	.285	-.629
220	145	-.199	.120	.429	-.570
220	146	-.196	.118	.403	-.586
220	147	-.203	.120	.392	-.657
220	148	-.203	.120	.372	-.672
220	149	-.193	.114	.177	-.638
220	150	-.223	.127	.278	-.644
220	151	-.189	.114	.187	-.674
220	152	-.138	.123	.214	-.543
220	153	-.250	.127	.162	-.687
220	154	-.236	.126	.191	-.667
220	155	-.225	.126	.191	-.668
220	156	-.215	.123	.216	-.692
220	157	-.192	.126	.190	-.630
220	158	-.186	.123	.196	-.610
220	159	-.194	.125	.190	-.654
220	160	-.193	.124	.198	-.623
220	161	-.193	.112	.165	-.626
220	162	-.184	.112	.161	-.626
220	163	-.238	.121	.217	-.765
220	164	-.192	.114	.224	-.629
220	165	-.210	.129	.165	-.710
220	166	-.221	.130	.200	-.739
220	167	-.222	.130	.217	-.744
220	168	-.207	.131	.257	-.711
220	169	-.239	.125	.240	-.815
220	170	-.227	.120	.242	-.770
220	171	-.229	.122	.242	-.741
220	172	-.225	.123	.269	-.691
220	173	-.206	.129	.257	-.693
220	174	-.207	.128	.253	-.692
220	175	-.207	.132	.247	-.695
220	176	-.067	.156	.645	-.596
220	201	-.455	.234	.459	-1.642
220	202	-.134	.161	.457	-.788
220	203	-.251	.173	.315	-.923
220	204	-.246	.170	.298	-1.013
220	205	-.254	.181	.356	-.846
220	206	-.242	.179	.330	-.925
220	207	-.233	.172	.309	-.969
220	208	-.414	.226	.390	-1.372
220	209	-.212	.226	.414	-1.227
220	210	-.195	.150	.242	-.773
220	211	-.233	.144	.270	-1.084
220	212	-.434	.215	.252	-1.364
220	213	-.268	.198	.424	-.958
220	214	-.198	.135	.284	-.648
220	215	-.199	.153	.296	-.724
220	216	-.184	.142	.324	-.635
220	217	-.221	.152	.230	-.713
220	218	-.221	.156	.228	-.848
220	219	-.410	.203	.148	-1.269
220	220	-.247	.186	.374	-1.078
220	221	-.207	.153	.264	-.668
220	222	-.227	.154	.219	-.930
220	223	-.409	.223	.201	-1.505
220	224	-.323	.189	.252	-1.119
220	225	-.210	.152	.265	-.772
220	226	-.204	.150	.262	-.723
220	227	-.191	.144	.287	-.744
220	228	-.217	.149	.259	-.737
220	229	-.218	.153	.253	-.862
220	230	-.186	.111	.189	-.609
220	231	-.191	.133	.255	-.617
220	232	-.203	.136	.260	-.632
220	233	-.204	.136	.297	-.622
220	234	-.391	.220	.202	-1.422
220	235	-.305	.183	.390	-1.036
220	236	-.216	.150	.291	-.801
220	237	-.203	.135	.278	-.675
220	238	-.235	.129	.148	-.765
220	239	-.197	.121	.224	-.658
220	240	-.212	.123	.177	-.780
220	241	-.204	.118	.212	-.634
220	242	-.377	.221	.204	-1.295
220	243	-.271	.166	.186	-1.007
220	244	-.220	.154	.244	-.799
220	245	-.212	.148	.246	-.733
220	246	-.206	.146	.286	-.783
220	247	-.207	.143	.268	-.826
220	248	-.246	.136	.278	-.760
220	249	-.221	.144	.255	-.869
220	250	-.252	.147	.233	-.740
220	251	-.229	.145	.218	-.737
220	252	-.258	.148	.229	-.712
220	253	-.238	.147	.251	-.699
220	254	-.384	.205	.231	-1.543
220	255	-.282	.163	.278	-1.022
220	256	-.234	.110	.179	-.583
220	257	-.263	.140	.248	-.873
220	258	-.419	.221	.279	-1.367
220	259	-.280	.170	.270	-.919
220	260	-.251	.148	.323	-1.027
220	261	-.240	.144	.332	-.976
220	262	-.233	.138	.185	-.671

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	263	-.230	.135	.194	-.686
220	264	-.239	.135	.183	-.699
220	265	-.239	.135	.188	-.707
220	266	-.260	.133	.189	-.695
220	267	-.255	.137	.180	-.797
220	268	-.433	.217	.380	-1.271
220	269	-.265	.171	.226	-.956
220	270	-.235	.162	.330	-.919
220	271	-.266	.141	.205	-1.387
220	272	-.229	.134	.269	-.726
220	273	-.256	.137	.231	-.764
220	274	-.266	.137	.182	-.760
220	275	-.400	.206	.206	-1.227
220	276	-.247	.173	.348	-1.020
220	277	-.214	.152	.228	-.971
220	278	-.162	.161	.333	-.748
220	279	-.195	.149	.264	-.681
220	280	-.199	.151	.238	-.815
220	281	-.118	.136	.311	-.659
220	282	-.251	.145	.245	-.828
220	283	-.233	.150	.404	-.808
220	284	-.203	.156	.555	-.796
220	285	-.227	.129	.159	-.833
220	286	-.315	.179	.230	-1.026
220	287	-.180	.156	.262	-.826
220	288	-.167	.114	.170	-.993
220	289	-.166	.140	.284	-.872
220	290	-.227	.154	.247	-1.085
220	291	-.199	.141	.240	-1.022
220	292	-.121	.135	.338	-.699
220	293	-.190	.138	.305	-.721
220	294	-.104	.138	.671	-.654
220	295	-.047	.138	.623	-.601
220	296	-.203	.169	.358	-1.110
220	297	-.107	.141	.380	-.696
220	298	-.217	.133	.304	-.707
220	299	-.210	.137	.289	-.726
220	300	-.234	.152	.243	-.922
220	301	-.199	.161	.611	-1.038
220	302	-.105	.146	.479	-.584
220	303	.014	.162	.732	-.514
220	304	.044	.177	.757	-.492
220	401	.164	.208	.957	-.934
220	402	.239	.205	1.049	-.870
220	403	.251	.192	.932	-.678
220	404	.231	.183	1.012	-.684
220	405	.149	.203	.852	-.903
220	406	.107	.197	.771	-.783
220	407	.311	.237	1.119	-.434
220	408	.073	.190	.867	-.652
220	409	-.041	.209	.690	-.741
220	410	.155	.206	.981	-.612
220	411	.252	.212	.981	-.569
220	412	.284	.214	1.056	-.562
220	413	.445	.223	1.262	-.282
220	414	.505	.223	1.303	-.249
220	415	.565	.226	1.297	-.174
220	416	.536	.217	1.315	-.261
220	417	.382	.198	1.047	-.398
220	418	.081	.168	.667	-.512
220	419	.049	.179	.865	-.667
220	420	.070	.171	.642	-.539
220	421	.009	.122	.500	-.372
220	422	.244	.173	1.008	-.366
220	423	.443	.195	1.198	-.081
220	424	.509	.205	1.310	-.109
220	425	.520	.217	1.220	-.103
220	426	.530	.214	1.270	-.122
220	427	.477	.204	1.159	-.176
220	428	.285	.176	.820	-.424
220	429	.011	.160	.640	-.581
220	430	.047	.160	.636	-.520
220	431	.042	.158	.574	-.529
220	432	.013	.163	.739	-.562
220	433	.190	.159	.906	-.293
220	434	.356	.171	1.227	-.131
220	435	.412	.179	1.357	-.102
220	436	.433	.182	1.318	-.126
220	437	.466	.218	1.181	-.256
220	438	.373	.202	.993	-.264
220	439	.250	.187	.850	-.396
220	440	.013	.162	.609	-.594
220	441	.026	.154	.558	-.594
220	442	-.012	.153	.659	-.553
220	443	-.003	.147	.615	-.636
220	444	.126	.145	.909	-.334
220	445	.258	.171	1.069	-.303
220	446	.301	.179	1.089	-.262
220	447	.324	.186	1.123	-.261
220	448	.321	.192	1.144	-.307
220	449	.275	.173	.969	-.222
220	450	.140	.160	.871	-.373
220	451	-.037	.151	.567	-.529
220	452	-.006	.144	.472	-.556
220	453	-.060	.148	.466	-.554
220	454	-.011	.148	.493	-.683
220	455	.073	.148	.706	-.506
220	456	.160	.156	.856	-.388
220	457	.180	.155	.799	-.314
220	458	.196	.158	.857	-.288
220	459	.201	.164	.903	-.344
220	460	.165	.166	.913	-.380
220	461	.044	.156	.645	-.450
220	462	-.071	.147	.516	-.576
220	463	.006	.119	.427	-.431
220	464	-.128	.152	.474	-.662
220	465	.082	.144	.620	-.439
220	466	.158	.137	.688	-.289
220	467	.235	.154	.896	-.212
220	468	.249	.160	1.013	-.221
220	469	.192	.150	.766	-.225
220	470	.079	.134	.528	-.328
220	471	.255	.156	.846	-.187
220	472	.247	.158	.808	-.209
220	473	-.222	.154	.373	-1.109
220	501	-.203	.143	.406	-.734
220	502	-.003	.142	.627	-.500
220	503	-.229	.160	.371	-.896
220	504	-.172	.173	.426	-.936
220	505	-.220	.245	.605	-1.172
220	506	-.125	.144	.340	-.824
220	507	-.161	.157	.383	-.871
220	508	-.234	.137	.233	-.774
220	509	-.222	.174	.306	-1.069
220	510	-.390	.231	.483	-1.282
220	511	-.243	.133	.250	-.762
220	512	-.279	.152	.243	-1.013
220	513	-.279	.150	.223	-.980
220	514	-.466	.318	.727	-2.103
220	515	-.241	.135	.236	-.793
220	516	-.438	.243	.480	-1.489
220	517	-.475	.236	.251	-2.067
220	518	-.317	.205	.361	-1.199
220	519	-.372	.229	.399	-1.332
220	520	-.256	.164	.227	-.935
220	521	-.260	.163	.169	-1.134
220	522	-.256	.252	.747	-1.621
220	523	-.260	.158	.187	-.954
220	524	-.188	.257	.424	-1.564
220	525	-.488	.344	.519	-1.683
220	526	-.188	.244	.751	-1.521
220	527	-.163	.161	.396	-1.171
220	528	-.575	.291	.917	-1.812
220	529	-.207	.151	.420	-.911
220	530	-.226	.141	.264	-.912
220	531	-.224	.138	.297	-.872
220	532	-.528	.257	.482	-1.760
220	533	-.229	.159	.314	-1.495
220	534	-.245	.143	.342	-.889
220	535	-.239	.137	.220	-1.016

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	536	-.254	.156	.237	-.986
220	537	-.215	.168	.349	-1.266
220	538	-.245	.141	.263	-.797
220	539	-.204	.167	.295	-1.513
220	540	-.176	.199	.479	-1.578
220	541	-.196	.133	.232	-.823
220	542	-.209	.211	.387	-1.609
220	543	-.229	.138	.221	-.785
220	544	-.114	.179	.395	-1.341
220	545	-.092	.167	.481	-1.048
220	546	-.161	.175	.429	-1.104
220	547	-.163	.209	.541	-1.337
220	548	-.571	.271	.521	-1.805
220	549	-.475	.284	.691	-1.703
220	550	-.346	.326	.547	-1.586
220	551	-.546	.299	.573	-1.600
220	552	-.494	.247	.584	-1.726
220	553	-.193	.124	.179	-.635
220	554	-.187	.125	.192	-.597
220	555	-.144	.125	.272	-.593
220	556	-.105	.119	.391	-.581
220	557	-.069	.141	.528	-.915
220	558	-.192	.116	.163	-.618
220	559	-.137	.116	.328	-.609
220	560	-.482	.278	.451	-1.518
220	561	-.485	.267	.362	-1.446
220	562	-.115	.192	.479	-.987
220	563	-.276	.308	.516	-1.419
220	564	-.153	.124	.322	-.630
220	565	-.406	.239	.468	-1.401
220	566	-.199	.126	.298	-.716
220	567	-.187	.125	.261	-.688
220	568	-.211	.143	.365	-.742
220	569	-.197	.140	.361	-.711
220	570	-.150	.138	.386	-.649
220	571	-.107	.140	.420	-.626
220	572	-.073	.144	.447	-.921
220	573	-.086	.167	.473	-.969
220	574	-.202	.248	.397	-1.324
220	575	-.356	.236	.368	-1.280
220	576	-.357	.249	.564	-1.247
220	577	-.222	.122	.176	-.650
220	578	-.211	.124	.229	-.702
220	579	-.162	.120	.242	-.565
220	580	-.299	.209	.302	-1.152
220	581	-.026	.173	.706	-.618
220	582	-.184	.136	.308	-.617
220	583	-.175	.144	.232	-.710
220	584	-.170	.133	.236	-.718
220	585	-.114	.121	.292	-.820
220	586	-.081	.121	.290	-.782
220	587	-.060	.126	.327	-.809
220	588	-.055	.142	.428	-1.003
220	589	-.110	.176	.435	-1.112
220	590	-.211	.183	.331	-.979
220	591	-.219	.178	.227	-.956
220	592	-.029	.144	.519	-.569
220	593	-.070	.140	.348	-.629
220	594	-.047	.141	.395	-.627
220	595	-.036	.141	.386	-.620
220	596	-.009	.124	.498	-.426
220	597	.007	.121	.449	-.384
220	598	.017	.126	.493	-.423
220	599	.012	.135	.516	-.632
220	600	-.049	.162	.467	-.827
220	601	-.107	.161	.451	-.878
220	602	-.111	.157	.480	-.831
220	603	.009	.136	.524	-.459
220	604	-.035	.132	.517	-.499
220	605	-.023	.127	.509	-.445
220	606	-.010	.128	.504	-.417
220	607	.020	.129	.506	-.358
220	608	.063	.128	.447	-.368
220	609	.074	.129	.626	-.584
220	610	.087	.133	.550	-.670
220	611	.068	.151	.488	-.793
220	612	-.021	.179	.542	-.698
220	613	-.042	.169	.460	-.885
220	701	-.222	.131	.221	-.630
220	702	-.235	.129	.172	-.786
220	703	-.258	.139	.167	-.861
220	704	-.239	.129	.209	-.665
220	705	-.199	.130	.239	-.589
220	706	-.192	.130	.196	-.590
220	707	-.256	.142	.166	-.770
220	708	-.182	.158	.385	-.919
220	709	-.199	.136	.261	-.778
220	710	-.203	.128	.163	-.646
220	711	-.180	.128	.182	-.567
220	712	-.181	.131	.200	-.627
220	713	-.209	.137	.359	-.716
220	714	-.152	.169	.414	-.954
220	715	-.244	.154	.316	-.724
220	716	-.244	.180	.345	-1.280
220	717	-.238	.175	.469	-1.156
220	718	-.250	.180	.455	-1.239
220	719	-.211	.195	.430	-.887
220	720	-.301	.204	.378	-1.120
220	721	-.322	.176	.312	-1.028
220	722	-.311	.187	.268	-1.147
220	723	-.344	.214	.367	-1.295
220	724	-.397	.194	.169	-1.350
220	725	-.451	.242	.622	-2.287
220	726	-.307	.185	.246	-1.249
220	727	-.339	.209	.258	-2.659
220	728	-.307	.183	.349	-1.111
220	801	-.009	.174	.802	-.601
220	802	-.029	.150	.773	-.445
230	101	-.222	.142	.249	-.757
230	102	-.216	.137	.242	-.660
230	103	-.216	.135	.306	-.707
230	104	-.224	.138	.308	-.751
230	105	-.233	.137	.156	-.888
230	106	-.224	.129	.162	-.795
230	107	-.231	.129	.145	-.698
230	108	-.223	.127	.156	-.808
230	109	-.219	.125	.231	-.595
230	110	-.219	.122	.227	-.593
230	111	-.229	.124	.244	-.675
230	112	-.219	.123	.240	-.586
230	113	-.230	.117	.119	-.647
230	114	-.228	.117	.130	-.672
230	115	-.236	.122	.138	-.771
230	116	-.238	.134	.201	-.733
230	117	-.228	.131	.175	-.663
230	118	-.239	.133	.172	-.679
230	119	-.233	.126	.145	-.685
230	120	-.245	.127	.152	-.685
230	121	-.238	.131	.172	-.682
230	122	-.242	.133	.182	-.694
230	123	-.247	.136	.185	-.717
230	124	-.218	.135	.262	-.666
230	125	-.214	.114	.137	-.608
230	126	-.211	.107	.136	-.637
230	127	-.216	.108	.140	-.622
230	128	-.235	.111	.107	-.638
230	129	-.226	.120	.188	-.606
230	130	-.221	.119	.178	-.601
230	131	-.214	.120	.156	-.579
230	132	-.212	.123	.189	-.633
230	133	-.213	.124	.178	-.613
230	134	-.190	.131	.251	-.619
230	135	-.201	.128	.203	-.637
230	136	-.196	.132	.244	-.707
230	137	-.216	.126	.123	-.653
230	138	-.206	.121	.236	-.658
230	139	-.203	.118	.206	-.627
230	140	-.180	.118	.269	-.592
230	141	-.199	.128	.186	-.660
230	142	-.197	.124	.165	-.617

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	143	-.192	.116	.237	-.578
230	144	-.207	.123	.161	-.611
230	145	-.208	.117	.197	-.592
230	146	-.207	.115	.193	-.607
230	147	-.210	.117	.191	-.618
230	148	-.205	.118	.190	-.605
230	149	-.209	.117	.113	-.602
230	150	-.208	.121	.147	-.668
230	151	-.205	.115	.145	-.607
230	152	-.126	.117	.229	-.559
230	153	-.209	.122	.226	-.603
230	154	-.196	.119	.230	-.584
230	155	-.193	.115	.199	-.579
230	156	-.196	.113	.224	-.586
230	157	-.195	.123	.179	-.603
230	158	-.192	.122	.190	-.584
230	159	-.201	.123	.168	-.605
230	160	-.198	.123	.164	-.611
230	161	-.209	.107	.162	-.551
230	162	-.203	.106	.176	-.533
230	163	-.230	.111	.164	-.622
230	164	-.204	.107	.190	-.575
230	165	-.224	.118	.186	-.605
230	166	-.219	.117	.230	-.605
230	167	-.220	.116	.216	-.607
230	168	-.208	.115	.184	-.568
230	169	-.205	.127	.353	-.559
230	170	-.200	.125	.347	-.565
230	171	-.206	.126	.337	-.575
230	172	-.200	.127	.339	-.559
230	173	-.197	.114	.170	-.564
230	174	-.191	.114	.210	-.555
230	175	-.195	.117	.205	-.588
230	176	-.169	.118	.223	-.560
230	201	-.410	.223	.262	-1.618
230	202	-.145	.163	.322	-.885
230	203	-.267	.160	.332	-1.021
230	204	-.259	.156	.320	-.977
230	205	-.267	.106	.051	-.661
230	206	-.257	.158	.320	-.932
230	207	-.241	.160	.250	-.852
230	208	-.364	.222	.451	-1.485
230	209	-.135	.189	.491	-1.115
230	210	-.227	.146	.271	-.732
230	211	-.250	.147	.187	-.904
230	212	-.423	.236	.326	-1.670
230	213	-.185	.185	.370	-.940
230	214	-.239	.142	.204	-.688
230	215	-.234	.142	.265	-.790
230	216	-.238	.134	.164	-.705
230	217	-.242	.141	.286	-.717
230	218	-.249	.143	.274	-.758
230	219	-.400	.203	.214	-1.328
230	220	-.205	.162	.243	-1.149
230	221	-.227	.132	.181	-.710
230	222	-.244	.130	.174	-.755
230	223	-.425	.228	.246	-1.474
230	224	-.245	.169	.300	-1.188
230	225	-.229	.131	.254	-.633
230	226	-.232	.130	.256	-.630
230	227	-.225	.152	.269	-.755
230	228	-.240	.155	.274	-.807
230	229	-.242	.158	.284	-.831
230	230	-.204	.115	.246	-.609
230	231	-.220	.107	.143	-.583
230	232	-.222	.110	.164	-.587
230	233	-.220	.110	.156	-.579
230	234	-.395	.207	.110	-1.297
230	235	-.240	.159	.238	-1.122
230	236	-.210	.130	.178	-.748
230	237	-.202	.116	.189	-.589
230	238	-.225	.132	.242	-1.249
230	239	-.191	.127	.209	-.625
230	240	-.198	.128	.220	-.669
230	241	-.192	.127	.220	-.617
230	242	-.337	.193	.209	-1.362
230	243	-.191	.153	.275	-.818
230	244	-.217	.147	.274	-.863
230	245	-.213	.143	.238	-.892
230	246	-.195	.135	.317	-.689
230	247	-.203	.132	.284	-.702
230	248	-.252	.130	.191	-.718
230	249	-.202	.132	.294	-.678
230	250	-.237	.142	.262	-.717
230	251	-.230	.138	.240	-.704
230	252	-.238	.141	.229	-.718
230	253	-.233	.145	.289	-.921
230	254	-.340	.193	.278	-1.372
230	255	-.221	.149	.242	-.710
230	256	-.216	.105	.148	-.661
230	257	-.255	.139	.173	-1.003
230	258	-.310	.190	.140	-1.156
230	259	-.245	.145	.187	-.966
230	260	-.216	.142	.272	-.780
230	261	-.215	.141	.267	-.743
230	262	-.213	.126	.144	-.802
230	263	-.221	.126	.135	-.867
230	264	-.213	.124	.133	-.704
230	265	-.215	.125	.138	-.714
230	266	-.245	.133	.158	-.681
230	267	-.256	.136	.187	-.788
230	268	-.326	.184	.298	-1.104
230	269	-.255	.141	.176	-.846
230	270	-.223	.125	.317	-.657
230	271	-.232	.115	.269	-.682
230	272	-.213	.114	.290	-.579
230	273	-.219	.114	.282	-.650
230	274	-.231	.133	.214	-.892
230	275	-.289	.161	.127	-1.092
230	276	-.235	.145	.199	-.995
230	277	-.218	.134	.260	-.844
230	278	-.220	.139	.234	-.831
230	279	-.226	.134	.214	-.823
230	280	-.224	.135	.217	-.711
230	281	-.166	.128	.251	-.625
230	282	-.229	.128	.249	-.603
230	283	-.222	.129	.257	-.624
230	284	-.208	.134	.296	-.656
230	285	-.228	.118	.184	-.611
230	286	-.393	.166	.182	-1.068
230	287	-.239	.148	.278	-.971
230	288	-.217	.121	.200	-.659
230	289	-.212	.138	.245	-.766
230	290	-.192	.141	.225	-.618
230	291	-.180	.137	.224	-.631
230	292	-.147	.137	.235	-.622
230	293	-.175	.138	.223	-.695
230	294	-.184	.128	.416	-.637
230	295	-.153	.129	.529	-.591
230	296	-.252	.147	.183	-.936
230	297	-.195	.135	.269	-.720
230	298	-.216	.135	.195	-.692
230	299	-.212	.138	.237	-.707
230	300	-.225	.147	.230	-.901
230	301	-.212	.145	.235	-.832
230	302	-.173	.127	.260	-.618
230	303	-.142	.128	.461	-.625
230	304	-.133	.132	.437	-.645
230	401	.004	.214	.822	-.756
230	402	.053	.216	.932	-.643
230	403	.059	.220	.851	-.626
230	404	.060	.218	.813	-.692
230	405	-.005	.233	.765	-1.021
230	406	-.019	.226	.802	-.987
230	407	.102	.207	.910	-.898
230	408	-.026	.199	.783	-.832
230	409	-.028	.214	.990	-.645
230	410	.048	.191	.899	-.534
230	411	.078	.191	.895	-.460
230	412	.094	.198	1.086	-.475

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	413	.205	.202	1.020	-.374
230	414	.253	.204	1.137	-.299
230	415	.296	.222	.991	-.272
230	416	.298	.236	1.111	-.310
230	417	.202	.230	1.203	-.414
230	418	-.003	.193	.918	-.659
230	419	.072	.209	1.097	-.508
230	420	-.025	.194	.787	-.647
230	421	.049	.149	.676	-.466
230	422	.151	.164	.826	-.415
230	423	.210	.159	.743	-.331
230	424	.232	.163	.926	-.293
230	425	.245	.194	1.203	-.305
230	426	.265	.208	1.101	-.307
230	427	.233	.224	1.012	-.390
230	428	.114	.214	.901	-.557
230	429	-.059	.190	.660	-.738
230	430	.102	.182	.824	-.494
230	431	-.039	.177	.961	-.577
230	432	.092	.180	.927	-.573
230	433	.132	.175	.884	-.439
230	434	.183	.163	.923	-.360
230	435	.186	.165	.842	-.363
230	436	.183	.167	.856	-.360
230	437	.174	.157	.879	-.347
230	438	.145	.178	1.043	-.412
230	439	.064	.179	.868	-.539
230	440	-.079	.165	.523	-.662
230	441	.079	.161	.827	-.373
230	442	-.113	.123	.431	-.549
230	443	.073	.144	.809	-.352
230	444	.102	.138	.804	-.272
230	445	.130	.139	.645	-.309
230	446	.136	.132	.556	-.266
230	447	.122	.132	.568	-.263
230	448	.103	.133	.554	-.276
230	449	.054	.148	.673	-.533
230	450	-.018	.152	.602	-.562
230	451	-.117	.154	.487	-.650
230	452	.060	.153	.833	-.423
230	453	-.153	.126	.279	-.625
230	454	.054	.138	.653	-.404
230	455	.069	.135	.597	-.356
230	456	.085	.127	.571	-.287
230	457	.070	.129	.565	-.330
230	458	.081	.126	.572	-.293
230	459	.066	.127	.515	-.337
230	460	.025	.130	.458	-.402
230	461	-.043	.128	.428	-.477
230	462	-.111	.126	.395	-.588

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	463	.042	.129	.576	-.380
230	464	-.155	.131	.343	-.626
230	465	.047	.127	.446	-.371
230	466	.082	.128	.608	-.318
230	467	.110	.134	.702	-.265
230	468	.115	.134	.666	-.274
230	469	.042	.117	.579	-.345
230	470	-.037	.116	.581	-.482
230	471	.093	.120	.703	-.272
230	472	.083	.118	.584	-.279
230	473	-.294	.162	.268	-1.132
230	501	-.285	.156	.230	-.969
230	502	-.092	.123	.492	-.495
230	503	-.277	.154	.270	-1.109
230	504	-.187	.196	.645	-.976
230	505	-.199	.250	.601	-1.276
230	506	-.157	.155	.390	-.816
230	507	-.171	.174	.485	-.876
230	508	-.291	.159	.096	-.978
230	509	-.184	.184	.419	-1.579
230	510	-.286	.307	.911	-1.382
230	511	-.257	.136	.087	-.828
230	512	-.329	.162	.197	-1.272
230	513	-.344	.167	.165	-1.380
230	514	-.290	.386	.931	-1.757
230	515	-.246	.126	.207	-.699
230	516	-.316	.251	.694	-1.361
230	517	-.407	.271	.789	-1.738
230	518	-.259	.197	.390	-1.261
230	519	-.272	.219	.454	-1.525
230	520	-.302	.156	.187	-1.029
230	521	-.322	.156	.118	-1.130
230	522	-.259	.290	.801	-1.469
230	523	-.287	.150	.210	-.864
230	524	-.972	.216	.855	-1.054
230	525	-.151	.281	.904	-1.150
230	526	-.078	.222	.800	-1.235
230	527	-.119	.165	.629	-.793
230	528	-.224	.302	1.020	-1.301
230	529	-.227	.143	.334	-.928
230	530	-.273	.158	.170	-.929
230	531	-.275	.137	.201	-.757
230	532	-.184	.301	.914	-1.147
230	533	-.193	.156	.397	-1.059
230	534	-.294	.140	.099	-1.098
230	535	-.242	.143	.310	-.895
230	536	-.315	.154	.154	-1.168
230	537	-.181	.136	.403	-.729
230	538	-.290	.136	.210	-1.070
230	539	-.150	.141	.483	-.859

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	540	-.080	.158	.649	-.991
230	541	-.169	.127	.330	-.649
230	542	-.084	.165	.858	-.991
230	543	-.215	.127	.184	-.802
230	544	-.047	.146	.621	-.616
230	545	-.040	.157	.571	-.709
230	546	-.083	.155	.470	-.971
230	547	-.049	.170	.698	-1.172
230	548	-.126	.306	.946	-1.471
230	549	-.084	.268	.778	-1.398
230	550	-.016	.238	.780	-1.293
230	551	-.067	.303	.909	-1.347
230	552	-.146	.257	.726	-1.211
230	553	-.227	.120	.132	-.753
230	554	-.225	.122	.122	-.706
230	555	-.162	.123	.365	-.628
230	556	-.090	.128	.323	-.563
230	557	-.027	.132	.431	-.495
230	558	-.204	.125	.254	-.615
230	559	-.128	.126	.307	-.567
230	560	-.079	.228	.789	-1.073
230	561	-.102	.227	.857	-1.091
230	562	-.030	.136	.586	-.770
230	563	-.013	.180	.647	-1.126
230	564	-.159	.116	.243	-.553
230	565	-.044	.196	.900	-.723
230	566	-.213	.117	.160	-.820
230	567	-.207	.119	.168	-.663
230	568	-.201	.129	.280	-.663
230	569	-.195	.125	.257	-.575
230	570	-.134	.127	.342	-.529
230	571	-.090	.128	.395	-.489
230	572	-.039	.127	.543	-.548
230	573	-.014	.130	.567	-.731
230	574	.013	.149	.642	-.948
230	575	-.020	.185	.666	-.831
230	576	-.060	.188	.711	-.828
230	577	-.215	.122	.243	-.659
230	578	-.211	.123	.243	-.680
230	579	-.154	.119	.270	-.553
230	580	-.028	.169	.805	-.704
230	581	-.045	.146	.822	-.465
230	582	-.178	.122	.317	-.619
230	583	-.174	.132	.290	-.843
230	584	-.141	.115	.218	-.618
230	585	-.090	.108	.249	-.483
230	586	-.062	.110	.273	-.460
230	587	-.027	.115	.381	-.435
230	588	-.020	.128	.452	-.475
230	589	-.011	.133	.451	-.582

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	590	-.029	.152	.514	-.663
230	591	-.052	.157	.526	-.651
230	592	-.061	.127	.357	-.501
230	593	-.095	.125	.353	-.607
230	594	-.073	.123	.322	-.588
230	595	-.066	.124	.311	-.557
230	596	-.064	.126	.356	-.444
230	597	-.052	.124	.360	-.420
230	598	-.035	.125	.387	-.421
230	599	-.024	.125	.418	-.412
230	600	-.008	.120	.342	-.449
230	601	-.025	.125	.395	-.492
230	602	-.036	.126	.374	-.479
230	603	-.013	.124	.463	-.453
230	604	-.060	.124	.457	-.470
230	605	-.053	.119	.399	-.480
230	606	-.045	.116	.382	-.411
230	607	-.026	.121	.412	-.426
230	608	-.005	.123	.390	-.399
230	609	.011	.123	.401	-.380
230	610	.021	.122	.415	-.352
230	611	.027	.121	.475	-.369
230	612	.001	.133	.424	-.442
230	613	-.005	.129	.483	-.488
230	701	-.194	.128	.194	-.641
230	702	-.197	.125	.199	-.617
230	703	-.216	.132	.170	-.732
230	704	-.236	.130	.180	-.747
230	705	-.196	.119	.322	-.675
230	706	-.194	.119	.287	-.630
230	707	-.219	.127	.327	-.686
230	708	-.211	.147	.438	-1.045
230	709	-.228	.125	.176	-.687
230	710	-.230	.117	.179	-.639
230	711	-.184	.116	.201	-.554
230	712	-.190	.119	.198	-.598
230	713	-.263	.147	.301	-1.159
230	714	-.205	.158	.316	-.805
230	715	-.254	.144	.260	-.946
230	716	-.270	.174	.277	-.945
230	717	-.230	.170	.449	-.851
230	718	-.264	.183	.459	-1.000
230	719	-.240	.165	.290	-.862
230	720	-.331	.203	.411	-1.331
230	721	-.386	.203	.424	-1.221
230	722	-.368	.218	.436	-1.551
230	723	-.324	.198	.536	-1.251
230	724	-.383	.199	.393	-1.118
230	725	-.361	.280	.866	-1.775
230	726	-.403	.213	.274	-1.396
230	727	-.412	.220	.303	-1.654
230	728	-.324	.186	.400	-1.455
230	801	-.158	.136	.296	-.633
230	802	-.174	.150	.392	-.656
240	101	-.238	.130	.203	-.722
240	102	-.229	.124	.130	-.665
240	103	-.228	.123	.146	-.652
240	104	-.244	.129	.143	-.710
240	105	-.246	.132	.150	-.796
240	106	-.238	.126	.139	-.804
240	107	-.246	.125	.164	-.784
240	108	-.242	.125	.141	-.913
240	109	-.249	.117	.138	-.670
240	110	-.243	.112	.132	-.667
240	111	-.228	.121	.221	-.628
240	112	-.246	.113	.118	-.672
240	113	-.238	.121	.193	-.651
240	114	-.245	.124	.248	-.645
240	115	-.257	.133	.292	-.784
240	116	-.260	.138	.179	-.781
240	117	-.239	.130	.216	-.688
240	118	-.256	.132	.118	-.793
240	119	-.243	.122	.181	-.682
240	120	-.256	.123	.156	-.695
240	121	-.250	.125	.170	-.621
240	122	-.256	.128	.217	-.720
240	123	-.255	.130	.238	-.754
240	124	-.225	.127	.222	-.710
240	125	-.222	.133	.316	-.693
240	126	-.227	.127	.232	-.624
240	127	-.227	.128	.232	-.637
240	128	-.264	.135	.229	-.707
240	129	-.258	.118	.109	-.702
240	130	-.251	.115	.098	-.703
240	131	-.242	.117	.108	-.736
240	132	-.239	.123	.166	-.774
240	133	-.234	.123	.158	-.781
240	134	-.220	.114	.187	-.662
240	135	-.249	.117	.102	-.754
240	136	-.212	.112	.192	-.597
240	137	-.235	.120	.269	-.672
240	138	-.214	.118	.164	-.725
240	139	-.206	.115	.192	-.679
240	140	-.216	.112	.134	-.629
240	141	-.209	.105	.115	-.573
240	142	-.222	.103	.101	-.577
240	143	-.238	.111	.126	-.618
240	144	-.243	.109	.109	-.600
240	145	-.233	.127	.140	-.711
240	146	-.237	.125	.139	-.702
240	147	-.228	.128	.174	-.673
240	148	-.221	.131	.211	-.739
240	149	-.226	.134	.205	-.712
240	150	-.207	.128	.177	-.665
240	151	-.202	.133	.190	-.672
240	152	-.198	.121	.293	-.504
240	153	-.204	.130	.180	-.751
240	154	-.204	.125	.174	-.769
240	155	-.213	.125	.174	-.781
240	156	-.223	.127	.169	-.851
240	157	-.230	.124	.150	-.653
240	158	-.235	.122	.132	-.670
240	159	-.230	.124	.142	-.672
240	160	-.219	.123	.153	-.644
240	161	-.209	.120	.166	-.651
240	162	-.210	.121	.173	-.635
240	163	-.210	.124	.124	-.683
240	164	-.207	.121	.170	-.606
240	165	-.208	.134	.192	-.712
240	166	-.212	.131	.171	-.670
240	167	-.209	.130	.217	-.622
240	168	-.211	.130	.217	-.624
240	169	-.205	.128	.202	-.692
240	170	-.212	.128	.205	-.659
240	171	-.212	.130	.207	-.672
240	172	-.204	.130	.200	-.667
240	173	-.228	.130	.227	-.654
240	174	-.226	.128	.241	-.655
240	175	-.232	.131	.239	-.690
240	176	-.182	.128	.287	-.687
240	201	-.420	.211	.407	-1.549
240	202	-.224	.202	.362	-1.155
240	203	-.271	.173	.261	-1.480
240	204	-.269	.166	.235	-1.475
240	205	-.283	.116	.089	-.642
240	206	-.251	.157	.224	-.921
240	207	-.247	.160	.192	-.922
240	208	-.362	.201	.344	-1.193
240	209	-.259	.219	.414	-1.289
240	210	-.245	.156	.259	-.879
240	211	-.260	.148	.215	-.908
240	212	-.375	.187	.188	-1.290
240	213	-.286	.199	.322	-1.403
240	214	-.256	.145	.212	-.774
240	215	-.241	.154	.359	-.766
240	216	-.247	.133	.207	-.708
240	217	-.253	.150	.293	-.795
240	218	-.254	.151	.244	-.932
240	219	-.345	.178	.338	-1.228
240	220	-.291	.185	.304	-1.290

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	221	-.250	.155	.397	-.973
240	222	-.261	.153	.218	-.935
240	223	-.361	.183	.195	-1.242
240	224	-.306	.176	.177	-1.403
240	225	-.256	.149	.222	-.952
240	226	-.255	.147	.236	-.887
240	227	-.251	.132	.217	-.803
240	228	-.270	.133	.209	-.781
240	229	-.274	.138	.233	-.945
240	230	-.237	.109	.146	-.564
240	231	-.240	.116	.190	-.574
240	232	-.251	.118	.179	-.604
240	233	-.255	.119	.205	-.592
240	234	-.331	.172	.280	-1.358
240	235	-.267	.155	.306	-1.222
240	236	-.233	.130	.276	-1.000
240	237	-.234	.103	.083	-.558
240	238	-.245	.135	.193	-.993
240	239	-.198	.113	.209	-.561
240	240	-.213	.113	.177	-.552
240	241	-.225	.115	.156	-.599
240	242	-.297	.175	.147	-1.481
240	243	-.252	.140	.199	-.827
240	244	-.227	.147	.182	-.882
240	245	-.216	.141	.164	-.825
240	246	-.244	.141	.229	-.817
240	247	-.234	.136	.225	-.798
240	248	-.249	.139	.168	-1.149
240	249	-.228	.129	.244	-.725
240	250	-.216	.124	.194	-.768
240	251	-.195	.119	.189	-.757
240	252	-.210	.123	.179	-.747
240	253	-.217	.135	.222	-.959
240	254	-.279	.156	.169	-1.174
240	255	-.235	.135	.212	-.725
240	256	-.208	.110	.093	-.690
240	257	-.200	.123	.159	-.658
240	258	-.272	.149	.171	-1.127
240	259	-.237	.130	.196	-.822
240	260	-.218	.129	.189	-.717
240	261	-.210	.127	.201	-.668
240	262	-.226	.132	.160	-.693
240	263	-.219	.130	.154	-.657
240	264	-.210	.126	.170	-.654
240	265	-.205	.126	.176	-.657
240	266	-.224	.124	.197	-.659
240	267	-.207	.124	.253	-.631
240	268	-.276	.154	.191	-.970
240	269	-.236	.128	.189	-.725
240	270	-.222	.151	.237	-.958
240	271	-.217	.145	.271	-.879
240	272	-.211	.140	.251	-.690
240	273	-.214	.142	.272	-.807
240	274	-.215	.127	.247	-.661
240	275	-.265	.142	.147	-1.210
240	276	-.226	.141	.249	-1.213
240	277	-.219	.131	.224	-.947
240	278	-.238	.133	.197	-.784
240	279	-.245	.127	.161	-.906
240	280	-.240	.127	.162	-.755
240	281	-.184	.118	.200	-.571
240	282	-.212	.124	.198	-.621
240	283	-.207	.125	.197	-.627
240	284	-.189	.129	.216	-.633
240	285	-.228	.128	.209	-.789
240	286	-.278	.164	.172	-.921
240	287	-.209	.144	.260	-.778
240	288	-.191	.120	.138	-.537
240	289	-.193	.136	.254	-.700
240	290	-.208	.129	.250	-.616
240	291	-.210	.128	.248	-.640
240	292	-.170	.128	.243	-.610
240	293	-.206	.133	.370	-.658
240	294	-.180	.137	.521	-.578
240	295	-.148	.134	.391	-.550
240	296	-.241	.163	.325	-.854
240	297	-.182	.140	.331	-.760
240	298	-.219	.184	.342	-1.299
240	299	-.218	.185	.374	-1.275
240	300	-.227	.189	.365	-1.362
240	301	-.222	.189	.379	-1.474
240	302	-.179	.130	.344	-.658
240	303	-.148	.135	.432	-.608
240	304	-.135	.143	.455	-.597
240	401	.097	.274	.991	-.915
240	402	.090	.250	.928	-.830
240	403	.018	.228	.770	-.826
240	404	-.013	.210	.844	-.715
240	405	-.078	.205	.768	-1.290
240	406	-.120	.206	.784	-1.512
240	407	.265	.284	1.302	-.908
240	408	-.145	.192	.650	-1.129
240	409	.193	.288	1.287	-.593
240	410	.233	.264	1.353	-.458
240	411	.227	.245	1.188	-.397
240	412	.229	.239	1.221	-.675
240	413	.292	.224	1.285	-.518
240	414	.288	.207	1.231	-.443
240	415	.244	.190	1.287	-.391
240	416	.165	.175	1.063	-.496
240	417	.039	.179	.826	-.456
240	418	-.138	.187	.574	-.875
240	419	.179	.245	1.169	-.525
240	420	-.154	.178	.585	-.850
240	421	.134	.171	.710	-.319
240	422	.203	.212	1.092	-.446
240	423	.237	.196	1.219	-.380
240	424	.231	.183	1.074	-.335
240	425	.214	.169	.972	-.295
240	426	.181	.158	.848	-.288
240	427	.110	.156	.817	-.393
240	428	-.023	.154	.820	-.553
240	429	-.178	.162	.558	-.922
240	430	.104	.185	.969	-.495
240	431	-.140	.143	.361	-.768
240	432	.068	.165	.937	-.520
240	433	.082	.162	.870	-.419
240	434	.111	.156	.812	-.476
240	435	.110	.154	.782	-.415
240	436	.106	.151	.730	-.403
240	437	.103	.159	.775	-.350
240	438	.049	.146	.730	-.404
240	439	-.027	.144	.544	-.788
240	440	-.143	.141	.408	-1.310
240	441	.043	.153	.616	-.861
240	442	-.140	.131	.287	-.602
240	443	.018	.146	.800	-.604
240	444	.038	.147	.847	-.593
240	445	.074	.137	.586	-.387
240	446	.074	.136	.629	-.379
240	447	.071	.138	.729	-.376
240	448	.058	.135	.721	-.367
240	449	.021	.146	.589	-.467
240	450	-.058	.139	.460	-.546
240	451	-.149	.138	.293	-.655
240	452	.030	.141	.715	-.505
240	453	-.149	.129	.296	-.643
240	454	.007	.129	.542	-.459
240	455	.017	.130	.630	-.427
240	456	.033	.129	.538	-.376
240	457	.048	.121	.503	-.354
240	458	.044	.121	.530	-.371
240	459	.039	.126	.585	-.408
240	460	.007	.129	.603	-.420
240	461	-.072	.126	.404	-.466
240	462	-.141	.125	.359	-.540
240	463	.004	.120	.428	-.408
240	464	-.172	.135	.368	-.732
240	465	.019	.124	.499	-.435
240	466	.042	.121	.475	-.349

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	467	.066	.127	.604	-.354
240	468	.068	.127	.613	-.365
240	469	.033	.122	.466	-.367
240	470	-.029	.127	.467	-.427
240	471	.056	.117	.496	-.328
240	472	.053	.118	.474	-.329
240	473	-.352	.170	.204	-1.320
240	501	-.346	.159	.121	-1.035
240	502	-.090	.123	.386	-.480
240	503	-.329	.160	.258	-.999
240	504	.034	.246	.875	-.631
240	505	.099	.286	.960	-.902
240	506	-.046	.179	.588	-.697
240	507	-.007	.211	.674	-.753
240	508	-.358	.167	.192	-1.587
240	509	-.037	.171	.731	-.598
240	510	.116	.346	1.194	-1.334
240	511	-.324	.150	.202	-.969
240	512	-.403	.194	.093	-1.561
240	513	-.391	.186	.120	-1.687
240	514	.143	.371	1.265	-1.630
240	515	-.262	.134	.157	-.736
240	516	-.916	.261	.970	-.818
240	517	-.141	.357	1.225	-1.544
240	518	-.103	.168	.489	-.669
240	519	-.060	.196	.623	-.707
240	520	-.304	.162	.216	-1.162
240	521	-.319	.165	.187	-1.318
240	522	.105	.354	1.338	-1.061
240	523	-.290	.153	.240	-1.047
240	524	.061	.205	.955	-.661
240	525	.078	.252	.935	-.939
240	526	.033	.209	.938	-.695
240	527	-.060	.169	.669	-.659
240	528	-.016	.344	1.272	-1.365
240	529	-.207	.132	.409	-.831
240	530	-.304	.152	.179	-1.201
240	531	-.281	.137	.212	-.916
240	532	-.071	.339	1.004	-1.407
240	533	-.228	.132	.301	-.835
240	534	-.315	.150	.156	-1.100
240	535	-.290	.133	.125	-.901
240	536	-.311	.163	.214	-1.149
240	537	-.173	.138	.399	-.692
240	538	-.281	.141	.164	-.931
240	539	-.172	.141	.518	-.705
240	540	-.082	.149	.633	-.676
240	541	-.192	.129	.211	-.653
240	542	-.095	.151	.541	-.628
240	543	-.253	.132	.201	-.827
240	544	-.076	.138	.497	-.562
240	545	-.058	.155	.548	-.787
240	546	-.115	.140	.427	-.627
240	547	-.063	.150	.503	-.616
240	548	-.130	.276	.739	-1.478
240	549	-.026	.242	.863	-1.198
240	550	-.038	.177	.568	-.928
240	551	-.048	.241	.678	-1.231
240	552	-.083	.234	.701	-1.401
240	553	-.248	.145	.274	-.800
240	554	-.262	.149	.173	-.981
240	555	-.181	.136	.534	-.662
240	556	-.111	.135	.611	-.542
240	557	-.035	.133	.644	-.491
240	558	-.292	.148	.147	-1.054
240	559	-.164	.130	.456	-.624
240	560	-.037	.190	.635	-.989
240	561	-.058	.197	.688	-.979
240	562	-.015	.138	.598	-.474
240	563	.004	.148	.569	-.624
240	564	-.163	.146	.432	-.618
240	565	-.011	.180	.600	-.916
240	566	-.254	.145	.205	-.870
240	567	-.313	.174	.150	-1.195
240	568	-.232	.137	.163	-.852
240	569	-.301	.177	.158	-1.272
240	570	-.123	.143	.565	-.666
240	571	-.057	.151	.574	-.641
240	572	.016	.152	.721	-.511
240	573	.033	.145	.633	-.473
240	574	.043	.142	.637	-.656
240	575	.020	.154	.574	-.785
240	576	.011	.154	.514	-.630
240	577	-.224	.141	.225	-1.078
240	578	-.260	.157	.201	-1.100
240	579	-.128	.140	.343	-.660
240	580	.002	.157	.449	-.778
240	581	-.010	.161	.702	-.568
240	582	-.136	.135	.507	-.621
240	583	-.165	.143	.265	-.724
240	584	-.163	.128	.308	-.619
240	585	-.096	.123	.324	-.505
240	586	-.063	.127	.371	-.477
240	587	-.017	.132	.466	-.435
240	588	.001	.122	.388	-.444
240	589	.008	.123	.426	-.460
240	590	-.004	.133	.377	-.740
240	591	-.011	.134	.359	-.658
240	592	-.058	.127	.397	-.493
240	593	-.099	.120	.316	-.505
240	594	-.085	.119	.321	-.476
240	595	-.074	.119	.342	-.426
240	596	-.056	.119	.408	-.464
240	597	-.047	.118	.350	-.453
240	598	-.025	.123	.397	-.426
240	599	-.007	.125	.443	-.415
240	600	.020	.134	.483	-.520
240	601	.009	.134	.511	-.588
240	602	.003	.131	.440	-.601
240	603	-.034	.117	.387	-.426
240	604	-.052	.130	.387	-.520
240	605	-.057	.127	.366	-.525
240	606	-.050	.126	.358	-.516
240	607	-.031	.129	.403	-.485
240	608	-.009	.113	.426	-.396
240	609	-.001	.113	.373	-.382
240	610	.015	.114	.382	-.372
240	611	.031	.120	.424	-.337
240	612	.017	.111	.388	-.390
240	613	.020	.122	.424	-.467
240	701	-.233	.123	.243	-.706
240	702	-.240	.112	.058	-.637
240	703	-.234	.115	.086	-.691
240	704	-.288	.115	.046	-.714
240	705	-.219	.120	.204	-.690
240	706	-.230	.120	.180	-.705
240	707	-.212	.127	.272	-.631
240	708	-.208	.157	.466	-.721
240	709	-.278	.145	.183	-.880
240	710	-.284	.130	.184	-.705
240	711	-.222	.124	.221	-.654
240	712	-.242	.128	.184	-.737
240	713	-.281	.155	.302	-1.150
240	714	-.148	.163	.376	-.834
240	715	-.203	.153	.338	-.846
240	716	-.275	.199	.375	-1.095
240	717	-.165	.168	.442	-.771
240	718	-.201	.173	.434	-1.058
240	719	-.220	.163	.393	-.930
240	720	-.425	.228	.444	-1.474
240	721	-.333	.219	.408	-1.422
240	722	-.298	.218	.558	-1.074
240	723	-.266	.195	.449	-1.422
240	724	-.359	.223	.422	-2.110
240	725	-.047	.390	1.157	-1.757
240	726	-.522	.253	.146	-1.874
240	727	-.436	.230	.426	-1.613
240	728	-.376	.209	.375	-1.411
240	801	-.154	.127	.268	-.588
240	802	-.170	.118	.330	-.564

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	101	-.237	.128	.237	-.790
250	102	-.230	.123	.224	-.749
250	103	-.223	.123	.258	-.693
250	104	-.230	.128	.254	-.670
250	105	-.236	.127	.247	-.706
250	106	-.238	.127	.171	-.805
250	107	-.237	.123	.181	-.606
250	108	-.233	.122	.173	-.601
250	109	-.219	.122	.175	-.603
250	110	-.217	.118	.190	-.597
250	111	-.242	.122	.233	-.638
250	112	-.218	.121	.181	-.644
250	113	-.230	.112	.235	-.536
250	114	-.235	.115	.226	-.739
250	115	-.238	.122	.258	-.740
250	116	-.238	.133	.200	-.768
250	117	-.222	.115	.114	-.672
250	118	-.243	.115	.191	-.643
250	119	-.223	.107	.080	-.625
250	120	-.237	.109	.082	-.627
250	121	-.252	.124	.182	-.691
250	122	-.259	.129	.193	-.755
250	123	-.263	.130	.172	-.736
250	124	-.227	.122	.198	-.668
250	125	-.206	.118	.173	-.716
250	126	-.208	.114	.169	-.647
250	127	-.212	.116	.169	-.657
250	128	-.238	.122	.186	-.673
250	129	-.219	.126	.189	-.721
250	130	-.216	.125	.163	-.831
250	131	-.220	.123	.182	-.637
250	132	-.240	.130	.230	-.691
250	133	-.240	.131	.229	-.684
250	134	-.183	.122	.397	-.594
250	135	-.219	.131	.345	-.712
250	136	-.182	.124	.368	-.576
250	137	-.209	.121	.234	-.667
250	138	-.207	.110	.164	-.574
250	139	-.210	.107	.162	-.553
250	140	-.198	.114	.107	-.692
250	141	-.213	.115	.231	-.652
250	142	-.218	.112	.202	-.601
250	143	-.207	.115	.172	-.622
250	144	-.238	.115	.163	-.631
250	145	-.238	.128	.191	-.674
250	146	-.232	.128	.188	-.646
250	147	-.233	.131	.175	-.611
250	148	-.237	.135	.236	-.720
250	149	-.220	.119	.132	-.716
250	150	-.189	.110	.143	-.552

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	151	-.207	.117	.158	-.647
250	152	-.073	.106	.264	-.467
250	153	-.201	.129	.243	-.638
250	154	-.191	.125	.252	-.580
250	155	-.203	.124	.260	-.617
250	156	-.210	.126	.275	-.668
250	157	-.203	.118	.250	-.554
250	158	-.197	.116	.269	-.557
250	159	-.199	.118	.284	-.565
250	160	-.194	.120	.300	-.549
250	161	-.176	.135	.300	-.615
250	162	-.172	.135	.294	-.630
250	163	-.175	.136	.278	-.685
250	164	-.176	.137	.292	-.616
250	165	-.180	.114	.207	-.523
250	166	-.178	.117	.230	-.630
250	167	-.183	.116	.195	-.579
250	168	-.185	.116	.209	-.577
250	169	-.204	.107	.158	-.581
250	170	-.196	.107	.163	-.551
250	171	-.206	.109	.159	-.550
250	172	-.201	.111	.155	-.570
250	173	-.204	.138	.211	-.657
250	174	-.206	.139	.218	-.758
250	175	-.209	.142	.237	-.680
250	176	-.179	.132	.218	-.640
250	201	-.402	.203	.169	-1.293
250	202	-.243	.172	.291	-1.045
250	203	-.236	.161	.256	-.870
250	204	-.232	.158	.244	-1.043
250	205	-.226	.118	.078	-.608
250	206	-.221	.150	.285	-.850
250	207	-.237	.146	.358	-.873
250	208	-.351	.187	.323	-1.324
250	209	-.262	.189	.458	-1.054
250	210	-.225	.143	.350	-.770
250	211	-.248	.131	.174	-.750
250	212	-.365	.191	.169	-1.430
250	213	-.272	.178	.252	-1.107
250	214	-.239	.136	.260	-.783
250	215	-.237	.134	.230	-.713
250	216	-.231	.129	.224	-.726
250	217	-.238	.128	.177	-.743
250	218	-.240	.129	.177	-.761
250	219	-.344	.176	.173	-1.257
250	220	-.268	.170	.325	-1.397
250	221	-.232	.142	.202	-.891
250	222	-.237	.132	.180	-.650
250	223	-.334	.195	.230	-1.444
250	224	-.243	.177	.319	-1.043

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	225	-.212	.150	.259	-.795
250	226	-.211	.149	.283	-.773
250	227	-.238	.137	.210	-.738
250	228	-.241	.137	.205	-.860
250	229	-.241	.139	.218	-.965
250	230	-.210	.112	.173	-.573
250	231	-.229	.111	.152	-.579
250	232	-.223	.114	.161	-.589
250	233	-.222	.114	.162	-.593
250	234	-.309	.167	.227	-1.111
250	235	-.223	.145	.243	-.854
250	236	-.197	.132	.272	-.713
250	237	-.197	.114	.151	-.576
250	238	-.202	.122	.200	-.680
250	239	-.212	.111	.170	-.581
250	240	-.207	.112	.133	-.578
250	241	-.223	.115	.204	-.621
250	242	-.275	.157	.202	-1.080
250	243	-.181	.133	.253	-1.023
250	244	-.201	.129	.205	-.869
250	245	-.196	.126	.196	-.810
250	246	-.202	.127	.194	-.793
250	247	-.206	.123	.200	-.710
250	248	-.229	.123	.131	-.646
250	249	-.188	.121	.201	-.654
250	250	-.208	.115	.199	-.644
250	251	-.210	.110	.190	-.606
250	252	-.205	.114	.190	-.644
250	253	-.200	.118	.218	-.657
250	254	-.246	.136	.266	-1.055
250	255	-.204	.125	.169	-.710
250	256	-.194	.104	.133	-.656
250	257	-.185	.119	.220	-.655
250	258	-.235	.138	.281	-.937
250	259	-.206	.125	.200	-.741
250	260	-.194	.124	.263	-.699
250	261	-.185	.124	.279	-.654
250	262	-.196	.124	.243	-.577
250	263	-.199	.123	.266	-.612
250	264	-.184	.122	.272	-.610
250	265	-.176	.121	.287	-.602
250	266	-.184	.139	.246	-.712
250	267	-.185	.127	.215	-.700
250	268	-.209	.139	.260	-.698
250	269	-.211	.123	.208	-.656
250	270	-.188	.119	.178	-.571
250	271	-.183	.113	.172	-.562
250	272	-.183	.114	.162	-.582
250	273	-.179	.113	.157	-.568
250	274	-.180	.118	.240	-.578

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	275	-.204	.125	.219	-.658
250	276	-.196	.122	.239	-.605
250	277	-.186	.117	.231	-.577
250	278	-.190	.126	.132	-.700
250	279	-.196	.124	.131	-.705
250	280	-.192	.125	.133	-.694
250	281	-.142	.121	.173	-.631
250	282	-.192	.114	.153	-.636
250	283	-.189	.113	.289	-.627
250	284	-.179	.116	.307	-.618
250	285	-.201	.119	.180	-.583
250	286	-.237	.153	.265	-.990
250	287	-.194	.128	.245	-.669
250	288	-.178	.106	.177	-.539
250	289	-.173	.122	.257	-.614
250	290	-.184	.125	.224	-.627
250	291	-.188	.125	.223	-.724
250	292	-.173	.124	.249	-.631
250	293	-.186	.127	.231	-.671
250	294	-.172	.120	.265	-.557
250	295	-.151	.120	.277	-.531
250	296	-.208	.143	.284	-.749
250	297	-.167	.125	.285	-.583
250	298	-.198	.108	.193	-.654
250	299	-.200	.114	.219	-.678
250	300	-.206	.116	.210	-.691
250	301	-.196	.117	.236	-.710
250	302	-.189	.127	.265	-.612
250	303	-.176	.125	.250	-.608
250	304	-.170	.129	.273	-.602
250	401	.094	.283	1.138	-.740
250	402	.104	.261	1.333	-.641
250	403	.086	.239	1.265	-.605
250	404	.069	.226	1.072	-.576
250	405	-.013	.212	.914	-.860
250	406	-.068	.197	.982	-.989
250	407	.176	.283	1.293	-.705
250	408	-.123	.178	.632	-.782
250	409	-.008	.226	1.129	-.646
250	410	.041	.220	1.099	-.590
250	411	.075	.222	1.047	-.525
250	412	.108	.230	1.023	-.564
250	413	.163	.228	.994	-.435
250	414	.181	.221	1.060	-.406
250	415	.195	.221	1.136	-.447
250	416	.161	.213	.939	-.444
250	417	.076	.186	.873	-.503
250	418	-.111	.172	.603	-.849
250	419	-.013	.164	.956	-.561
250	420	-.129	.167	.595	-.701
250	421	-.028	.116	.311	-.428
250	422	.014	.149	.599	-.548
250	423	.063	.162	.726	-.611
250	424	.081	.169	.788	-.594
250	425	.083	.159	.744	-.362
250	426	.090	.162	.758	-.370
250	427	.067	.159	.787	-.404
250	428	-.028	.145	.612	-.495
250	429	-.160	.146	.358	-.791
250	430	-.030	.141	.454	-.528
250	431	-.132	.139	.504	-.681
250	432	-.031	.142	.504	-.653
250	433	.003	.135	.448	-.569
250	434	.012	.129	.460	-.551
250	435	.019	.131	.528	-.529
250	436	.017	.130	.466	-.415
250	437	.008	.143	.605	-.511
250	438	-.027	.146	.582	-.492
250	439	-.068	.147	.490	-.542
250	440	-.148	.142	.400	-.647
250	441	-.059	.168	.420	-.852
250	442	-.150	.135	.370	-.585
250	443	-.074	.160	.415	-.747
250	444	-.061	.157	.403	-.841
250	445	-.009	.127	.524	-.482
250	446	-.007	.118	.506	-.397
250	447	-.006	.120	.529	-.366
250	448	-.019	.122	.615	-.388
250	449	-.040	.134	.489	-.448
250	450	-.101	.132	.451	-.590
250	451	-.149	.133	.398	-.630
250	452	-.069	.153	.388	-.815
250	453	-.171	.123	.280	-.542
250	454	-.084	.151	.426	-.688
250	455	-.050	.146	.462	-.715
250	456	-.019	.125	.432	-.456
250	457	-.004	.120	.376	-.451
250	458	-.022	.118	.343	-.469
250	459	-.023	.119	.339	-.439
250	460	-.059	.119	.326	-.464
250	461	-.112	.116	.329	-.569
250	462	-.167	.115	.307	-.559
250	463	-.045	.139	.369	-.587
250	464	-.196	.124	.215	-.652
250	465	-.009	.132	.375	-.538
250	466	.009	.128	.444	-.485
250	467	.031	.123	.443	-.408
250	468	.027	.122	.431	-.397
250	469	.027	.129	.486	-.357
250	470	-.006	.138	.523	-.462
250	471	.029	.125	.457	-.340
250	472	.029	.125	.464	-.339
250	473	-.296	.154	.236	-1.058
250	501	-.315	.148	.222	-1.039
250	502	-.065	.140	.537	-.478
250	503	-.266	.146	.316	-.928
250	504	-.035	.214	.748	-.808
250	505	-.004	.256	.908	-1.095
250	506	-.074	.164	.563	-.644
250	507	-.054	.185	.675	-.629
250	508	-.303	.136	.199	-.825
250	509	-.095	.153	.472	-.637
250	510	-.028	.337	1.178	-1.396
250	511	-.256	.130	.257	-.809
250	512	-.322	.170	.301	-1.204
250	513	-.335	.164	.206	-1.289
250	514	-.041	.319	1.112	-1.222
250	515	-.240	.133	.251	-.700
250	516	-.084	.233	.762	-.883
250	517	-.164	.296	.855	-1.445
250	518	-.124	.168	.534	-.760
250	519	-.100	.187	.644	-.769
250	520	-.255	.169	.296	-1.067
250	521	-.283	.172	.228	-1.148
250	522	-.040	.284	1.050	-1.318
250	523	-.243	.147	.336	-.941
250	524	-.066	.171	.758	-.670
250	525	-.087	.193	.699	-1.097
250	526	-.064	.172	.736	-.810
250	527	-.118	.162	.669	-.724
250	528	-.180	.236	.838	-1.349
250	529	-.210	.157	.523	-.667
250	530	-.274	.165	.306	-.927
250	531	-.247	.133	.330	-.730
250	532	-.158	.208	.631	-1.057
250	533	-.216	.156	.548	-.884
250	534	-.302	.164	.407	-1.194
250	535	-.265	.143	.179	-.956
250	536	-.263	.182	.506	-1.123
250	537	-.153	.146	.546	-.663
250	538	-.263	.147	.156	-.999
250	539	-.160	.146	.573	-.624
250	540	-.116	.140	.528	-.530
250	541	-.170	.172	1.054	-.754
250	542	-.109	.134	.499	-.627
250	543	-.249	.126	.150	-.703
250	544	-.041	.145	.827	-.508
250	545	-.101	.161	.858	-.642
250	546	-.123	.145	.620	-.633
250	547	-.101	.145	.647	-.672

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	548	-.126	.188	.458	-1.026
250	549	-.114	.169	.629	-.913
250	550	-.074	.154	.553	-.719
250	551	-.089	.178	.505	-.919
250	552	-.078	.159	.442	-1.008
250	553	-.256	.139	.208	-.837
250	554	-.306	.192	.328	-1.451
250	555	-.152	.168	.580	-.761
250	556	-.073	.196	1.015	-.758
250	557	-.025	.182	.764	-.566
250	558	-.333	.205	.407	-1.665
250	559	-.128	.184	.749	-.776
250	560	-.004	.143	.458	-.604
250	561	-.028	.142	.444	-.739
250	562	.003	.171	.915	-.509
250	563	.010	.151	.575	-.468
250	564	-.117	.172	.577	-.628
250	565	.011	.136	.509	-.691
250	566	-.219	.143	.229	-.824
250	567	-.365	.208	.263	-1.660
250	568	-.206	.141	.305	-.870
250	569	-.354	.196	.303	-1.129
250	570	-.083	.163	.690	-.667
250	571	-.004	.169	.862	-.576
250	572	.073	.169	.721	-.584
250	573	.082	.161	.692	-.551
250	574	.081	.151	.758	-.482
250	575	.054	.142	.764	-.540
250	576	.032	.141	.630	-.499
250	577	-.199	.139	.229	-.692
250	578	-.267	.167	.241	-1.130
250	579	-.092	.146	.431	-.636
250	580	-.022	.127	.443	-.460
250	581	-.007	.159	.588	-.528
250	582	-.122	.151	.603	-.580
250	583	-.152	.131	.321	-.608
250	584	-.142	.127	.295	-.607
250	585	-.065	.121	.469	-.472
250	586	-.022	.124	.401	-.477
250	587	.044	.131	.527	-.465
250	588	.074	.133	.515	-.348
250	589	.085	.135	.572	-.466
250	590	.067	.132	.514	-.558
250	591	.041	.129	.438	-.542
250	592	-.051	.119	.379	-.473
250	593	-.092	.116	.325	-.516
250	594	-.069	.114	.357	-.475
250	595	-.059	.114	.353	-.500
250	596	-.026	.122	.403	-.428
250	597	-.009	.122	.419	-.407

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	598	.040	.129	.499	-.363
250	599	.081	.137	.554	-.343
250	600	.097	.141	.686	-.397
250	601	.088	.138	.587	-.370
250	602	.065	.131	.528	-.350
250	603	-.024	.127	.455	-.404
250	604	-.040	.136	.338	-.474
250	605	-.035	.133	.343	-.464
250	606	-.026	.130	.377	-.430
250	607	-.005	.132	.404	-.439
250	608	.007	.124	.386	-.446
250	609	.026	.125	.402	-.402
250	610	.070	.130	.513	-.350
250	611	.052	.128	.547	-.360
250	612	.069	.127	.525	-.395
250	613	.027	.124	.491	-.384
250	701	-.190	.137	.443	-.684
250	702	-.188	.125	.225	-.611
250	703	-.174	.122	.199	-.601
250	704	-.230	.127	.130	-.696
250	705	-.215	.243	.336	-1.089
250	706	-.223	.241	.294	-1.098
250	707	-.188	.247	.414	-1.071
250	708	-.251	.269	.567	-1.526
250	709	-.241	.139	.368	-.708
250	710	-.246	.119	.218	-.674
250	711	-.195	.113	.208	-.620
250	712	-.204	.113	.166	-.649
250	713	-.256	.160	.542	-1.110
250	714	-.121	.141	.398	-.652
250	715	-.190	.137	.350	-.656
250	716	-.198	.163	.343	-1.294
250	717	-.147	.166	.491	-.734
250	718	-.195	.178	.497	-.893
250	719	-.166	.148	.367	-.725
250	720	-.326	.209	.368	-1.670
250	721	-.294	.214	.306	-1.402
250	722	-.275	.202	.340	-1.339
250	723	-.184	.168	.383	-.821
250	724	-.215	.193	.481	-1.020
250	725	-.102	.317	.909	-1.541
250	726	-.500	.259	.365	-1.826
250	727	-.395	.237	.408	-1.875
250	728	-.289	.180	.289	-1.083
250	801	-.179	.126	.318	-.612
250	802	-.191	.131	.243	-.661
260	101	-.281	.138	.120	-.752
260	102	-.271	.133	.135	-.743
260	103	-.263	.134	.130	-.783
260	104	-.273	.134	.141	-.767

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	105	-.264	.125	.163	-.704
260	106	-.264	.129	.135	-.770
260	107	-.263	.127	.120	-.776
260	108	-.259	.126	.104	-.719
260	109	-.268	.134	.131	-.828
260	110	-.264	.128	.107	-.775
260	111	-.252	.125	.205	-.622
260	112	-.272	.128	.103	-.749
260	113	-.299	.120	.131	-.785
260	114	-.299	.124	.168	-.772
260	115	-.299	.129	.207	-.803
260	116	-.290	.134	.099	-.772
260	117	-.270	.120	.082	-.674
260	118	-.313	.133	.092	-.819
260	119	-.246	.117	.149	-.627
260	120	-.302	.131	.085	-.774
260	121	-.340	.138	.110	-.938
260	122	-.340	.143	.147	-1.194
260	123	-.344	.143	.128	-1.159
260	124	-.275	.119	.146	-.786
260	125	-.256	.129	.186	-.698
260	126	-.249	.123	.199	-.676
260	127	-.247	.125	.207	-.681
260	128	-.289	.153	.200	-1.133
260	129	-.315	.162	.191	-1.463
260	130	-.293	.146	.181	-1.312
260	131	-.268	.122	.182	-.770
260	132	-.255	.128	.157	-.923
260	133	-.255	.127	.176	-.915
260	134	-.238	.115	.149	-.662
260	135	-.261	.145	.138	-.964
260	136	-.229	.114	.136	-.657
260	137	-.237	.116	.183	-.715
260	138	-.223	.117	.190	-.645
260	139	-.221	.114	.180	-.605
260	140	-.242	.120	.091	-.709
260	141	-.233	.113	.196	-.573
260	142	-.234	.109	.156	-.589
260	143	-.226	.112	.178	-.619
260	144	-.248	.111	.170	-.636
260	145	-.225	.122	.220	-.623
260	146	-.225	.121	.213	-.651
260	147	-.224	.129	.221	-.704
260	148	-.226	.139	.228	-.917
260	149	-.244	.139	.282	-.957
260	150	-.221	.112	.168	-.600
260	151	-.233	.131	.245	-1.349
260	152	-.099	.113	.294	-.526
260	153	-.203	.117	.168	-.570
260	154	-.201	.113	.174	-.549

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	155	-.202	.112	.170	-.549
260	156	-.207	.112	.171	-.544
260	157	-.223	.113	.116	-.630
260	158	-.224	.111	.110	-.638
260	159	-.222	.113	.112	-.631
260	160	-.219	.115	.116	-.669
260	161	-.219	.117	.156	-.811
260	162	-.222	.118	.155	-.828
260	163	-.217	.116	.144	-.682
260	164	-.218	.118	.158	-.851
260	165	-.169	.118	.269	-.555
260	166	-.188	.122	.284	-.607
260	167	-.181	.122	.297	-.634
260	168	-.184	.123	.294	-.625
260	169	-.211	.118	.173	-.684
260	170	-.215	.116	.176	-.644
260	171	-.211	.118	.192	-.628
260	172	-.211	.120	.181	-.656
260	173	-.221	.125	.213	-.644
260	174	-.228	.127	.241	-.677
260	175	-.233	.132	.246	-.776
260	176	-.186	.117	.250	-.555
260	201	-.456	.237	.127	-1.426
260	202	-.245	.164	.291	-1.107
260	203	-.321	.166	.149	-1.029
260	204	-.318	.162	.139	-1.209
260	205	-.309	.114	-.014	-.778
260	206	-.302	.138	.089	-.952
260	207	-.284	.146	.186	-.965
260	208	-.367	.175	.164	-1.170
260	209	-.291	.180	.175	-1.275
260	210	-.292	.152	.172	-1.190
260	211	-.291	.132	.146	-.766
260	212	-.347	.152	.142	-.984
260	213	-.306	.157	.231	-.941
260	214	-.296	.136	.147	-.968
260	215	-.284	.151	.173	-.852
260	216	-.291	.128	.054	-.789
260	217	-.270	.142	.221	-.803
260	218	-.275	.142	.236	-.749
260	219	-.364	.155	.081	-.923
260	220	-.320	.150	.116	-.944
260	221	-.304	.149	.112	-.824
260	222	-.290	.141	.089	-.963
260	223	-.336	.156	.210	-1.108
260	224	-.312	.155	.277	-1.053
260	225	-.271	.138	.182	-.908
260	226	-.271	.136	.158	-.865
260	227	-.282	.125	.159	-.698
260	228	-.276	.125	.155	-.725

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	229	-.278	.127	.175	-.780
260	230	-.240	.110	.166	-.605
260	231	-.263	.115	.105	-.654
260	232	-.253	.119	.140	-.630
260	233	-.255	.122	.145	-.652
260	234	-.307	.143	.079	-1.229
260	235	-.290	.140	.168	-1.221
260	236	-.254	.122	.124	-1.038
260	237	-.246	.108	.172	-.652
260	238	-.237	.112	.165	-.621
260	239	-.240	.113	.193	-.649
260	240	-.231	.115	.204	-.638
260	241	-.245	.114	.219	-.624
260	242	-.289	.148	.175	-1.015
260	243	-.248	.124	.168	-.732
260	244	-.252	.136	.158	-.878
260	245	-.249	.131	.146	-.874
260	246	-.233	.127	.254	-.676
260	247	-.245	.122	.199	-.623
260	248	-.277	.124	.115	-.699
260	249	-.222	.122	.234	-.612
260	250	-.247	.116	.114	-.607
260	251	-.263	.114	.108	-.630
260	252	-.249	.119	.109	-.630
260	253	-.251	.117	.123	-.718
260	254	-.234	.122	.179	-.742
260	255	-.256	.125	.187	-.750
260	256	-.210	.093	.077	-.503
260	257	-.209	.109	.197	-.564
260	258	-.204	.132	.179	-.751
260	259	-.239	.123	.198	-.646
260	260	-.198	.129	.173	-.694
260	261	-.195	.129	.179	-.726
260	262	-.204	.118	.191	-.564
260	263	-.220	.117	.237	-.573
260	264	-.198	.117	.221	-.540
260	265	-.197	.117	.227	-.534
260	266	-.195	.130	.232	-.580
260	267	-.214	.130	.229	-.620
260	268	-.194	.132	.239	-.596
260	269	-.225	.119	.165	-.627
260	270	-.184	.106	.200	-.675
260	271	-.185	.106	.176	-.650
260	272	-.178	.105	.209	-.658
260	273	-.181	.105	.208	-.657
260	274	-.178	.124	.216	-.544
260	275	-.173	.124	.243	-.518
260	276	-.174	.125	.238	-.524
260	277	-.170	.120	.234	-.521
260	278	-.167	.122	.255	-.628

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	279	-.164	.120	.252	-.624
260	280	-.168	.121	.239	-.636
260	281	-.130	.118	.257	-.582
260	282	-.163	.117	.171	-.673
260	283	-.164	.118	.183	-.714
260	284	-.167	.119	.195	-.718
260	285	-.200	.114	.208	-.600
260	286	-.184	.113	.243	-.559
260	287	-.190	.111	.234	-.541
260	288	-.180	.093	.158	-.458
260	289	-.177	.110	.240	-.541
260	290	-.186	.122	.228	-.596
260	291	-.186	.120	.218	-.596
260	292	-.188	.122	.230	-.605
260	293	-.190	.122	.227	-.597
260	294	-.186	.121	.252	-.654
260	295	-.187	.119	.232	-.650
260	296	-.198	.125	.270	-.686
260	297	-.193	.122	.256	-.677
260	298	-.182	.120	.199	-.560
260	299	-.182	.124	.215	-.546
260	300	-.182	.125	.216	-.550
260	301	-.182	.125	.219	-.584
260	302	-.180	.115	.217	-.564
260	303	-.177	.114	.231	-.558
260	304	-.172	.114	.224	-.557
260	401	-.112	.284	.887	-1.453
260	402	-.023	.214	.807	-1.168
260	403	-.017	.181	.639	-.521
260	404	-.029	.175	.719	-.571
260	405	-.071	.164	.572	-.661
260	406	-.122	.156	.468	-.730
260	407	-.081	.280	.906	-1.746
260	408	-.235	.156	.279	-1.000
260	409	-.081	.310	.951	-1.475
260	410	.048	.236	.954	-1.090
260	411	.077	.183	.808	-.616
260	412	.025	.198	.778	-1.060
260	413	-.039	.207	.720	-.961
260	414	-.008	.182	.746	-.686
260	415	.005	.159	.745	-.433
260	416	-.032	.152	.625	-.453
260	417	-.108	.154	.588	-.657
260	418	-.226	.159	.380	-.793
260	419	-.105	.274	.778	-1.295
260	420	-.233	.159	.324	-.830
260	421	-.136	.167	.433	-.661
260	422	-.090	.237	.661	-.986
260	423	.002	.158	.591	-1.012
260	424	.005	.134	.520	-.743

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	425	-.018	.126	.516	-.516
260	426	-.027	.125	.532	-.595
260	427	-.065	.128	.493	-.598
260	428	-.149	.134	.438	-.646
260	429	-.234	.147	.336	-.935
260	430	-.136	.202	.626	-1.223
260	431	-.197	.139	.367	-.729
260	432	-.131	.179	.397	-.904
260	433	-.107	.183	.432	-1.101
260	434	-.033	.140	.383	-.689
260	435	-.023	.129	.434	-.527
260	436	-.027	.126	.460	-.445
260	437	-.043	.121	.365	-.504
260	438	-.081	.110	.288	-.497
260	439	-.131	.114	.279	-.576
260	440	-.209	.121	.228	-.723
260	441	-.129	.168	.346	-.918
260	442	-.194	.119	.258	-.607
260	443	-.135	.158	.335	-.835
260	444	-.108	.156	.338	-.904
260	445	-.050	.128	.379	-.878
260	446	-.034	.114	.350	-.452
260	447	-.042	.114	.345	-.476
260	448	-.060	.114	.409	-.488
260	449	-.090	.111	.305	-.462
260	450	-.136	.110	.237	-.583
260	451	-.186	.114	.189	-.664
260	452	-.144	.155	.321	-.753
260	453	-.201	.124	.172	-.595
260	454	-.157	.166	.351	-.883
260	455	-.110	.162	.353	-.894
260	456	-.040	.123	.368	-.459
260	457	-.022	.128	.536	-.378
260	458	-.023	.126	.543	-.402
260	459	-.043	.127	.526	-.424
260	460	-.078	.128	.458	-.493
260	461	-.152	.116	.226	-.594
260	462	-.184	.115	.208	-.604
260	463	-.101	.158	.405	-.945
260	464	-.206	.117	.189	-.621
260	465	-.024	.135	.396	-.497
260	466	-.000	.121	.376	-.499
260	467	.007	.115	.378	-.363
260	468	-.009	.113	.367	-.384
260	469	-.084	.123	.327	-.477
260	470	-.129	.122	.298	-.515
260	471	-.042	.122	.386	-.440
260	472	-.056	.122	.372	-.438
260	473	-.305	.190	.315	-1.119
260	501	-.472	.197	.234	-1.557
260	502	-.158	.119	.273	-.545
260	503	-.282	.148	.225	-1.047
260	504	.158	.264	1.233	-.579
260	505	.156	.253	1.053	-.522
260	506	.103	.236	.896	-.769
260	507	.149	.256	1.037	-.686
260	508	-.455	.230	.456	-1.345
260	509	.118	.232	1.088	-.692
260	510	.138	.255	1.281	-.780
260	511	-.244	.143	.230	-.823
260	512	-.268	.231	.499	-1.298
260	513	-.487	.256	.404	-1.668
260	514	.145	.235	.985	-.511
260	515	-.234	.140	.260	-.781
260	516	.207	.251	1.218	-.566
260	517	.175	.243	1.116	-.657
260	518	.102	.227	.936	-.511
260	519	.171	.244	1.034	-.489
260	520	-.195	.175	.351	-1.074
260	521	-.233	.187	.373	-1.118
260	522	.067	.214	.977	-.718
260	523	-.259	.153	.254	-1.006
260	524	.253	.296	1.293	-.627
260	525	.229	.275	1.150	-.559
260	526	.269	.270	1.203	-.732
260	527	.206	.283	1.217	-.590
260	528	.198	.276	1.197	-.615
260	529	.052	.234	.948	-.637
260	530	-.327	.262	.611	-1.550
260	531	-.281	.142	.189	-.775
260	532	.140	.221	.995	-.517
260	533	.045	.241	.877	-1.021
260	534	-.357	.253	.522	-1.281
260	535	-.304	.152	.211	-.823
260	536	-.147	.241	.748	-1.263
260	537	.155	.232	.954	-.703
260	538	-.285	.169	.335	-1.152
260	539	.149	.252	1.028	-.836
260	540	.208	.253	1.166	-.620
260	541	.010	.212	.895	-.839
260	542	.214	.228	1.068	-.687
260	543	-.285	.139	.164	-.942
260	544	.246	.256	1.177	-.641
260	545	.221	.270	1.303	-.615
260	546	.190	.238	1.058	-.561
260	547	.199	.238	1.130	-.543
260	548	.048	.194	.805	-.720
260	549	.131	.203	1.067	-.536
260	550	.173	.233	1.035	-.490
260	551	.135	.212	.936	-.541
260	552	.021	.151	.749	-.449
260	553	-.275	.164	.210	-1.117
260	554	-.442	.243	.244	-1.863
260	555	-.090	.176	.663	-.692
260	556	-.003	.177	.776	-.501
260	557	.103	.169	.725	-.461
260	558	-.391	.215	.265	-1.401
260	559	-.089	.171	.823	-.633
260	560	.030	.132	.492	-.411
260	561	-.008	.133	.468	-.521
260	562	.099	.156	.679	-.505
260	563	.088	.145	.722	-.377
260	564	-.141	.145	.683	-.697
260	565	.013	.128	.480	-.417
260	566	-.262	.152	.211	-.921
260	567	-.375	.198	.230	-1.276
260	568	-.260	.143	.254	-1.089
260	569	-.373	.181	.113	-1.183
260	570	-.120	.152	.637	-.645
260	571	-.032	.158	.679	-.630
260	572	.093	.156	.809	-.357
260	573	.110	.148	.754	-.322
260	574	.107	.141	.680	-.289
260	575	.060	.134	.627	-.374
260	576	.014	.143	.577	-.480
260	577	-.241	.150	.351	-.826
260	578	-.337	.186	.149	-1.162
260	579	-.100	.154	.519	-.644
260	580	.012	.132	.479	-.489
260	581	.026	.165	.634	-.468
260	582	-.071	.162	.571	-.531
260	583	-.181	.148	.347	-.802
260	584	-.180	.152	.321	-.797
260	585	-.075	.138	.549	-.602
260	586	-.026	.139	.601	-.591
260	587	.054	.143	.627	-.550
260	588	.113	.140	.571	-.288
260	589	.130	.142	.706	-.307
260	590	.102	.136	.657	-.392
260	591	.049	.132	.533	-.446
260	592	-.053	.131	.454	-.480
260	593	-.091	.128	.369	-.473
260	594	-.069	.125	.369	-.444
260	595	-.057	.126	.394	-.452
260	596	-.048	.129	.370	-.622
260	597	-.031	.126	.353	-.566
260	598	.017	.129	.457	-.511
260	599	.075	.134	.563	-.453
260	600	.120	.141	.735	-.338
260	601	.111	.136	.640	-.353

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	602	.072	.127	.559	-.341
260	603	-.017	.120	.469	-.389
260	604	-.053	.130	.386	-.550
260	605	-.051	.125	.359	-.505
260	606	-.044	.122	.328	-.510
260	607	-.022	.126	.361	-.514
260	608	.015	.126	.452	-.468
260	609	.039	.127	.466	-.428
260	610	.091	.133	.499	-.367
260	611	.109	.132	.673	-.283
260	612	.090	.155	.531	-.450
260	613	.073	.125	.500	-.321
260	701	-.191	.135	.410	-.762
260	702	-.182	.120	.216	-.547
260	703	-.163	.118	.240	-.560
260	704	-.280	.142	.171	-.867
260	705	-.252	.117	.172	-.713
260	706	-.257	.117	.173	-.688
260	707	-.212	.116	.201	-.601
260	708	-.354	.199	.584	-1.357
260	709	-.207	.153	.346	-.733
260	710	-.322	.133	.147	-.802
260	711	-.230	.118	.238	-.608
260	712	-.240	.121	.219	-.579
260	713	-.308	.279	.627	-1.450
260	714	-.138	.172	.398	-1.135
260	715	-.081	.170	.573	-.689
260	716	-.233	.185	.322	-1.119
260	717	-.073	.154	.511	-.675
260	718	-.071	.156	.429	-.612
260	719	-.182	.174	.508	-1.026
260	720	-.365	.193	.313	-1.179
260	721	-.109	.155	.391	-.931
260	722	-.132	.158	.404	-.695
260	723	-.280	.203	.547	-1.188
260	724	-.020	.249	.836	-1.055
260	725	.171	.252	1.104	-.693
260	726	-.301	.251	.534	-1.803
260	727	-.219	.179	.524	-1.029
260	728	-.292	.194	.301	-1.440
260	801	-.185	.110	.245	-.520
260	802	-.198	.117	.174	-.583
270	101	-.274	.134	.189	-.998
270	102	-.268	.133	.216	-1.006
270	103	-.271	.141	.187	-.946
270	104	-.298	.136	.135	-.744
270	105	-.297	.132	.131	-.889
270	106	-.289	.127	.150	-.763
270	107	-.319	.135	.067	-.926
270	108	-.292	.125	.138	-.728
270	109	-.296	.119	.144	-.667
270	110	-.326	.126	.162	-.814
270	111	-.315	.147	.205	-.812
270	112	-.361	.138	.067	-1.157
270	113	-.371	.156	.164	-.924
270	114	-.418	.171	.151	-1.043
270	115	-.432	.189	.204	-1.181
270	116	-.438	.181	.164	-1.198
270	117	-.280	.136	.113	-1.014
270	118	-.447	.174	.153	-.982
270	119	-.224	.137	.385	-.723
270	120	-.329	.164	.226	-1.116
270	121	-.439	.174	.119	-1.136
270	122	-.469	.180	.081	-1.293
270	123	-.471	.180	.081	-1.296
270	124	-.269	.127	.119	-.797
270	125	-.258	.125	.183	-.772
270	126	-.257	.122	.208	-.746
270	127	-.242	.123	.217	-.603
270	128	-.277	.159	.244	-1.159
270	129	-.285	.176	.198	-1.453
270	130	-.269	.145	.176	-1.596
270	131	-.251	.129	.180	-.839
270	132	-.260	.137	.192	-.754
270	133	-.259	.136	.239	-.735
270	134	-.245	.126	.156	-.674
270	135	-.259	.150	.164	-1.047
270	136	-.205	.127	.223	-.625
270	137	-.234	.124	.187	-.685
270	138	-.229	.130	.244	-.661
270	139	-.228	.128	.224	-.651
270	140	-.208	.116	.163	-.595
270	141	-.204	.120	.259	-.609
270	142	-.216	.115	.225	-.588
270	143	-.218	.129	.226	-.623
270	144	-.228	.118	.263	-.614
270	145	-.253	.115	.112	-.640
270	146	-.264	.113	.071	-.635
270	147	-.254	.121	.092	-.685
270	148	-.253	.136	.131	-.854
270	149	-.231	.138	.199	-.861
270	150	-.207	.121	.222	-.603
270	151	-.215	.129	.193	-.860
270	152	-.065	.110	.328	-.433
270	153	-.194	.121	.172	-.691
270	154	-.201	.117	.147	-.652
270	155	-.202	.115	.155	-.671
270	156	-.208	.114	.134	-.688
270	157	-.199	.107	.182	-.558
270	158	-.212	.105	.161	-.552
270	159	-.205	.108	.211	-.568
270	160	-.193	.110	.222	-.569
270	161	-.183	.113	.170	-.659
270	162	-.194	.114	.158	-.732
270	163	-.188	.115	.164	-.591
270	164	-.174	.115	.200	-.604
270	165	-.147	.119	.250	-.514
270	166	-.179	.122	.228	-.584
270	167	-.174	.121	.232	-.594
270	168	-.167	.122	.228	-.582
270	169	-.183	.113	.141	-.584
270	170	-.196	.113	.125	-.611
270	171	-.193	.114	.124	-.596
270	172	-.187	.118	.148	-.669
270	173	-.187	.120	.272	-.638
270	174	-.185	.121	.242	-.611
270	175	-.189	.126	.234	-.770
270	176	-.145	.116	.311	-.484
270	201	-.425	.173	.064	-1.149
270	202	-.362	.169	.221	-1.120
270	203	-.267	.151	.204	-.945
270	204	-.258	.146	.194	-.927
270	205	-.254	.110	.117	-.596
270	206	-.262	.144	.315	-.837
270	207	-.283	.140	.125	-.811
270	208	-.337	.137	.133	-.850
270	209	-.330	.143	.139	-.893
270	210	-.276	.136	.145	-.758
270	211	-.294	.138	.194	-.793
270	212	-.340	.139	.145	-.833
270	213	-.338	.144	.163	-1.066
270	214	-.284	.136	.182	-.760
270	215	-.271	.139	.163	-.894
270	216	-.267	.141	.260	-.779
270	217	-.281	.136	.126	-.756
270	218	-.286	.136	.112	-.770
270	219	-.327	.132	.064	-.793
270	220	-.343	.153	.220	-1.030
270	221	-.273	.132	.164	-.760
270	222	-.280	.129	.132	-.711
270	223	-.315	.145	.135	-.912
270	224	-.308	.144	.147	-.971
270	225	-.261	.135	.150	-.884
270	226	-.259	.135	.141	-.896
270	227	-.270	.125	.139	-.708
270	228	-.266	.126	.173	-.745
270	229	-.269	.128	.166	-.755
270	230	-.227	.130	.233	-.613
270	231	-.258	.113	.152	-.672
270	232	-.251	.118	.201	-.719

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	233	-.251	.124	.209	-.785
270	234	-.290	.138	.136	-1.197
270	235	-.283	.136	.139	-1.375
270	236	-.239	.120	.151	-.976
270	237	-.236	.111	.148	-.664
270	238	-.209	.137	.249	-.635
270	239	-.220	.109	.225	-.603
270	240	-.220	.110	.224	-.587
270	241	-.239	.114	.206	-.682
270	242	-.234	.141	.245	-.829
270	243	-.257	.153	.275	-1.034
270	244	-.210	.132	.248	-.657
270	245	-.203	.128	.251	-.639
270	246	-.220	.119	.205	-.630
270	247	-.225	.116	.175	-.615
270	248	-.238	.130	.171	-.732
270	249	-.210	.117	.209	-.600
270	250	-.183	.129	.303	-.575
270	251	-.189	.129	.275	-.606
270	252	-.186	.134	.371	-.622
270	253	-.182	.127	.282	-.569
270	254	-.203	.123	.230	-.768
270	255	-.233	.133	.241	-.785
270	256	-.179	.095	.173	-.562
270	257	-.175	.113	.243	-.669
270	258	-.189	.121	.173	-.864
270	259	-.208	.126	.187	-.744
270	260	-.182	.114	.180	-.804
270	261	-.176	.112	.182	-.590
270	262	-.165	.101	.183	-.552
270	263	-.172	.102	.170	-.541
270	264	-.158	.101	.182	-.521
270	265	-.157	.102	.184	-.520
270	266	-.163	.114	.210	-.490
270	267	-.178	.113	.178	-.529
270	268	-.170	.119	.214	-.711
270	269	-.192	.120	.176	-.675
270	270	-.161	.118	.227	-.519
270	271	-.169	.116	.242	-.555
270	272	-.153	.115	.249	-.520
270	273	-.157	.115	.229	-.529
270	274	-.157	.122	.310	-.618
270	275	-.153	.121	.247	-.585
270	276	-.156	.122	.247	-.599
270	277	-.153	.117	.220	-.564
270	278	-.168	.109	.161	-.618
270	279	-.170	.107	.153	-.624
270	280	-.164	.108	.162	-.624
270	281	-.123	.105	.189	-.567
270	282	-.156	.112	.210	-.601

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	283	-.160	.111	.222	-.593
270	284	-.160	.113	.219	-.579
270	285	-.154	.119	.254	-.623
270	286	-.156	.123	.270	-.690
270	287	-.165	.122	.271	-.740
270	288	-.154	.106	.183	-.606
270	289	-.152	.121	.266	-.697
270	290	-.164	.119	.188	-.553
270	291	-.157	.118	.195	-.555
270	292	-.152	.120	.208	-.547
270	293	-.161	.119	.195	-.561
270	294	-.157	.121	.239	-.551
270	295	-.164	.120	.217	-.566
270	296	-.169	.122	.267	-.562
270	297	-.169	.123	.260	-.585
270	298	-.139	.100	.269	-.492
270	299	-.140	.105	.280	-.529
270	300	-.131	.105	.284	-.513
270	301	-.132	.105	.281	-.521
270	302	-.133	.125	.276	-.603
270	303	-.141	.123	.278	-.596
270	304	-.132	.124	.296	-.599
270	401	-.101	.273	.739	-1.090
270	402	.077	.186	.636	-.966
270	403	.077	.156	.566	-.568
270	404	.058	.149	.554	-.665
270	405	-.018	.136	.531	-.589
270	406	-.113	.130	.426	-.576
270	407	-.009	.290	.924	-1.101
270	408	-.246	.128	.205	-.743
270	409	.189	.288	1.013	-1.177
270	410	.282	.225	.914	-.804
270	411	.303	.201	.914	-.358
270	412	.248	.225	.943	-.803
270	413	.082	.224	.754	-1.160
270	414	.141	.197	.774	-.899
270	415	.138	.163	.791	-.426
270	416	.045	.148	.717	-.513
270	417	-.106	.134	.369	-.605
270	418	-.263	.137	.244	-.779
270	419	.110	.286	1.080	-.902
270	420	-.270	.137	.181	-.790
270	421	.053	.183	.649	-.542
270	422	.095	.231	.797	-.927
270	423	.131	.171	.784	-.609
270	424	.105	.158	.836	-.428
270	425	.094	.147	.619	-.428
270	426	.048	.138	.631	-.430
270	427	-.012	.133	.498	-.493
270	428	-.131	.130	.299	-.630

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	429	-.273	.132	.241	-.725
270	430	-.023	.210	.664	-.863
270	431	-.233	.130	.232	-.660
270	432	-.084	.189	.474	-.888
270	433	-.049	.185	.690	-.786
270	434	-.009	.134	.555	-.474
270	435	-.007	.128	.519	-.437
270	436	-.023	.127	.477	-.537
270	437	-.034	.128	.378	-.473
270	438	-.085	.128	.379	-.498
270	439	-.130	.130	.323	-.537
270	440	-.214	.133	.189	-.671
270	441	-.114	.175	.584	-.941
270	442	-.204	.123	.206	-.630
270	443	-.157	.175	.390	-1.014
270	444	-.118	.172	.391	-.989
270	445	-.024	.126	.468	-.567
270	446	-.028	.117	.441	-.415
270	447	-.032	.117	.480	-.418
270	448	-.050	.118	.517	-.452
270	449	-.103	.122	.273	-.520
270	450	-.159	.122	.211	-.590
270	451	-.197	.126	.174	-.668
270	452	-.196	.196	.359	-1.056
270	453	-.186	.113	.256	-.537
270	454	-.207	.188	.274	-1.213
270	455	-.145	.182	.369	-.912
270	456	-.050	.118	.415	-.531
270	457	-.048	.114	.330	-.467
270	458	-.067	.111	.283	-.484
270	459	-.072	.111	.290	-.488
270	460	-.103	.111	.237	-.513
270	461	-.147	.119	.222	-.504
270	462	-.190	.118	.199	-.561
270	463	-.153	.192	.417	-1.214
270	464	-.193	.120	.194	-.543
270	465	-.029	.134	.386	-.705
270	466	-.014	.120	.378	-.496
270	467	-.001	.113	.396	-.376
270	468	-.017	.111	.357	-.389
270	469	-.043	.106	.359	-.365
270	470	-.081	.104	.329	-.415
270	471	-.001	.107	.396	-.321
270	472	-.018	.105	.375	-.340
270	473	-.357	.241	.293	-1.544
270	501	-.616	.213	.192	-1.348
270	502	-.125	.104	.208	-.475
270	503	-.263	.144	.218	-1.098
270	504	.469	.263	1.197	-.546
270	505	.500	.264	1.230	-.513

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	506	.298	.227	.975	-.617
270	507	.401	.248	1.145	-.623
270	508	-.580	.222	.420	-1.402
270	509	.303	.210	1.289	-.411
270	510	.510	.242	1.282	-.423
270	511	-.286	.161	.195	-.848
270	512	-.461	.302	.403	-1.510
270	513	-.621	.254	.180	-1.544
270	514	.490	.256	1.339	-.404
270	515	-.203	.148	.326	-.748
270	516	.504	.254	1.431	-.277
270	517	.526	.260	1.410	-.500
270	518	.230	.206	1.389	-.426
270	519	.365	.231	1.552	-.386
270	520	-.201	.199	.387	-1.053
270	521	-.206	.198	.411	-1.040
270	522	.395	.259	1.242	-.448
270	523	-.329	.182	.240	-1.006
270	524	.416	.279	1.233	-.649
270	525	.444	.279	1.226	-.729
270	526	.439	.286	1.360	-.580
270	527	.282	.252	1.084	-.614
270	528	.432	.272	1.447	-.450
270	529	-.037	.225	.805	-.827
270	530	-.525	.320	.508	-1.646
270	531	-.378	.158	.130	-.941
270	532	-.333	.249	1.155	-.474
270	533	-.056	.225	.785	-.796
270	534	-.529	.300	.363	-1.809
270	535	-.372	.145	.160	-1.060
270	536	-.365	.351	.488	-1.739
270	537	.088	.219	.965	-.749
270	538	-.363	.170	.189	-1.075
270	539	.085	.210	.909	-.660
270	540	.205	.200	1.039	-.520
270	541	-.086	.186	.783	-.684
270	542	.188	.212	1.035	-.473
270	543	-.292	.148	.188	-.886
270	544	.236	.213	1.009	-.352
270	545	.174	.220	.906	-.585
270	546	.147	.208	.907	-.433
270	547	.194	.210	.964	-.425
270	548	.240	.220	1.081	-.448
270	549	.261	.218	1.191	-.360
270	550	.273	.216	1.044	-.404
270	551	.287	.221	1.100	-.399
270	552	.120	.170	.933	-.420
270	553	-.277	.165	.210	-1.584
270	554	-.346	.200	.113	-1.219
270	555	-.133	.159	.497	-.711
270	556	-.033	.150	.545	-.519
270	557	.077	.150	.672	-.402
270	558	-.323	.185	.146	-1.217
270	559	-.113	.144	.462	-.687
270	560	.069	.138	.698	-.362
270	561	.028	.143	.670	-.433
270	562	.104	.163	.963	-.367
270	563	.110	.149	.833	-.325
270	564	-.133	.146	.517	-.720
270	565	.037	.133	.527	-.465
270	566	-.259	.155	.222	-1.144
270	567	-.303	.177	.128	-1.322
270	568	-.242	.158	.221	-1.016
270	569	-.287	.174	.180	-1.108
270	570	-.109	.161	.516	-.623
270	571	-.025	.171	.618	-.564
270	572	.079	.182	1.054	-.545
270	573	.112	.176	1.053	-.496
270	574	.109	.168	.962	-.533
270	575	.064	.152	.926	-.570
270	576	.026	.148	.559	-.506
270	577	-.215	.154	.265	-.861
270	578	-.277	.190	.235	-1.645
270	579	-.099	.158	.577	-.753
270	580	.045	.147	.646	-.534
270	581	.048	.179	.704	-.524
270	582	-.100	.179	.743	-.635
270	583	-.153	.154	.512	-.796
270	584	-.192	.152	.310	-.785
270	585	-.091	.138	.555	-.616
270	586	-.051	.144	.655	-.505
270	587	.034	.157	.640	-.476
270	588	.100	.162	.828	-.406
270	589	.140	.166	.869	-.386
270	590	.105	.152	.656	-.435
270	591	.048	.139	.543	-.454
270	592	-.071	.123	.381	-.509
270	593	-.092	.120	.289	-.489
270	594	-.083	.118	.298	-.479
270	595	-.074	.119	.298	-.518
270	596	-.059	.126	.389	-.469
270	597	-.046	.124	.419	-.456
270	598	-.017	.134	.547	-.461
270	599	.035	.147	.641	-.426
270	600	.062	.162	.775	-.422
270	601	.064	.155	.730	-.415
270	602	.030	.145	.545	-.459
270	603	-.032	.130	.399	-.461
270	604	-.048	.122	.353	-.435
270	605	-.045	.118	.354	-.418
270	606	-.051	.115	.288	-.397
270	607	-.026	.118	.322	-.377
270	608	.005	.115	.398	-.374
270	609	.030	.116	.451	-.356
270	610	.072	.128	.567	-.333
270	611	.086	.147	.766	-.295
270	612	.071	.134	.503	-.407
270	613	.053	.137	.624	-.371
270	701	-.178	.126	.232	-.745
270	702	-.183	.111	.189	-.711
270	703	-.152	.110	.238	-.563
270	704	-.354	.168	.160	-1.159
270	705	-.219	.114	.213	-.612
270	706	-.236	.116	.189	-.665
270	707	-.158	.111	.253	-.593
270	708	-.315	.209	.472	-1.287
270	709	-.265	.156	.329	-1.103
270	710	-.337	.152	.150	-1.032
270	711	-.212	.114	.221	-.613
270	712	-.226	.120	.200	-.634
270	713	-.388	.290	.691	-1.349
270	714	-.111	.138	.597	-.570
270	715	-.013	.158	.513	-.575
270	716	-.317	.207	.422	-1.179
270	717	.066	.139	.587	-.441
270	718	.089	.137	.594	-.491
270	719	-.123	.161	.509	-.786
270	720	-.471	.201	.319	-1.330
270	721	-.014	.124	.374	-.487
270	722	-.016	.169	.531	-.755
270	723	-.255	.232	.465	-1.106
270	724	.127	.254	1.009	-1.064
270	725	.451	.257	1.329	-.399
270	726	-.386	.262	.393	-1.600
270	727	-.221	.175	.479	-.938
270	728	-.446	.205	.398	-1.273
270	801	-.142	.119	.245	-.527
270	802	-.147	.113	.214	-.533
280	101	-.226	.137	.171	-1.471
280	102	-.215	.134	.194	-1.469
280	103	-.244	.142	.240	-1.235
280	104	-.283	.132	.192	-.906
280	105	-.278	.132	.247	-.880
280	106	-.232	.131	.223	-.874
280	107	-.298	.133	.141	-.946
280	108	-.239	.129	.163	-.771
280	109	-.248	.137	.229	-.705
280	110	-.277	.141	.248	-.854
280	111	-.281	.145	.142	-.797
280	112	-.320	.152	.220	-.888

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	113	-.363	.166	.135	-1.082
280	114	-.432	.200	.200	-1.273
280	115	-.434	.212	.220	-1.334
280	116	-.409	.194	.141	-1.413
280	117	-.202	.131	.222	-.616
280	118	-.352	.157	.150	-1.036
280	119	-.152	.136	.298	-.649
280	120	-.213	.157	.244	-1.004
280	121	-.301	.196	.349	-1.113
280	122	-.344	.201	.254	-1.135
280	123	-.360	.203	.265	-1.136
280	124	-.198	.142	.353	-.737
280	125	-.209	.131	.249	-.904
280	126	-.202	.128	.303	-1.047
280	127	-.193	.126	.247	-.731
280	128	-.224	.147	.270	-.960
280	129	-.225	.155	.328	-1.257
280	130	-.211	.140	.260	-.936
280	131	-.205	.132	.242	-.757
280	132	-.199	.140	.298	-.770
280	133	-.202	.141	.273	-.780
280	134	-.204	.140	.269	-.699
280	135	-.211	.139	.226	-.796
280	136	-.173	.135	.248	-.758
280	137	-.178	.137	.286	-.667
280	138	-.184	.124	.223	-.588
280	139	-.175	.123	.215	-.553
280	140	-.211	.143	.281	-.927
280	141	-.192	.126	.231	-.673
280	142	-.177	.115	.259	-.565
280	143	-.169	.120	.214	-.551
280	144	-.184	.113	.190	-.633
280	145	-.204	.118	.173	-.592
280	146	-.202	.114	.164	-.596
280	147	-.204	.116	.158	-.610
280	148	-.211	.120	.143	-.676
280	149	-.202	.124	.179	-1.201
280	150	-.184	.120	.359	-.678
280	151	-.182	.116	.172	-.822
280	152	-.049	.113	.319	-.545
280	153	-.184	.111	.178	-.654
280	154	-.175	.107	.172	-.594
280	155	-.168	.104	.154	-.504
280	156	-.172	.103	.140	-.477
280	157	-.174	.122	.184	-.596
280	158	-.172	.120	.172	-.591
280	159	-.173	.121	.190	-.640
280	160	-.175	.120	.206	-.636
280	161	-.175	.127	.256	-.652
280	162	-.175	.125	.254	-.690
280	163	-.164	.134	.299	-.625
280	164	-.160	.125	.242	-.596
280	165	-.115	.103	.175	-.474
280	166	-.149	.116	.189	-.588
280	167	-.139	.111	.182	-.552
280	168	-.136	.108	.166	-.563
280	169	-.128	.107	.249	-.498
280	170	-.133	.104	.229	-.508
280	171	-.130	.106	.247	-.515
280	172	-.132	.107	.245	-.521
280	173	-.150	.112	.168	-.533
280	174	-.149	.111	.173	-.510
280	175	-.152	.113	.182	-.525
280	176	-.081	.117	.332	-.429
280	201	-.271	.157	.251	-.939
280	202	-.278	.151	.223	-.975
280	203	-.209	.138	.187	-.961
280	204	-.205	.134	.160	-.906
280	205	-.202	.109	.102	-.547
280	206	-.210	.136	.214	-.793
280	207	-.231	.137	.239	-.768
280	208	-.261	.137	.166	-.804
280	209	-.251	.139	.175	-.822
280	210	-.206	.136	.206	-.857
280	211	-.237	.139	.235	-.720
280	212	-.261	.141	.209	-.783
280	213	-.255	.143	.220	-.821
280	214	-.208	.139	.258	-.766
280	215	-.188	.146	.307	-.699
280	216	-.205	.144	.317	-.781
280	217	-.208	.143	.294	-.720
280	218	-.209	.144	.301	-.723
280	219	-.236	.137	.153	-.631
280	220	-.248	.147	.259	-.823
280	221	-.194	.136	.195	-.621
280	222	-.215	.134	.184	-.699
280	223	-.231	.136	.188	-.701
280	224	-.232	.134	.166	-.707
280	225	-.183	.132	.217	-.640
280	226	-.184	.131	.206	-.603
280	227	-.228	.122	.170	-.789
280	228	-.229	.122	.197	-.811
280	229	-.235	.123	.197	-.754
280	230	-.182	.121	.243	-.617
280	231	-.221	.123	.178	-.645
280	232	-.215	.128	.204	-.719
280	233	-.219	.132	.208	-.684
280	234	-.212	.139	.274	-.740
280	235	-.213	.132	.221	-.667
280	236	-.167	.131	.265	-.587
280	237	-.194	.126	.229	-.632
280	238	-.153	.128	.247	-.696
280	239	-.191	.119	.229	-.755
280	240	-.185	.120	.242	-.743
280	241	-.193	.120	.212	-.700
280	242	-.178	.136	.228	-.743
280	243	-.193	.125	.243	-.732
280	244	-.164	.132	.250	-.629
280	245	-.159	.131	.247	-.652
280	246	-.157	.117	.338	-.617
280	247	-.169	.115	.360	-.624
280	248	-.145	.129	.404	-.571
280	249	-.155	.119	.300	-.573
280	250	-.182	.141	.376	-.850
280	251	-.196	.136	.363	-.691
280	252	-.199	.137	.253	-.703
280	253	-.173	.137	.359	-.580
280	254	-.176	.116	.257	-.597
280	255	-.165	.124	.237	-.566
280	256	-.156	.091	.159	-.480
280	257	-.174	.118	.226	-.568
280	258	-.150	.125	.278	-.549
280	259	-.139	.122	.307	-.492
280	260	-.144	.122	.273	-.507
280	261	-.140	.123	.253	-.512
280	262	-.145	.116	.233	-.535
280	263	-.161	.115	.226	-.541
280	264	-.144	.115	.265	-.555
280	265	-.147	.116	.273	-.606
280	266	-.135	.127	.396	-.508
280	267	-.161	.126	.366	-.533
280	268	-.126	.129	.301	-.574
280	269	-.127	.120	.368	-.498
280	270	-.103	.112	.279	-.545
280	271	-.124	.111	.267	-.540
280	272	-.096	.113	.284	-.481
280	273	-.098	.114	.340	-.482
280	274	-.127	.124	.300	-.601
280	275	-.131	.121	.309	-.545
280	276	-.130	.123	.311	-.504
280	277	-.124	.117	.310	-.486
280	278	-.113	.123	.298	-.548
280	279	-.109	.121	.293	-.529
280	280	-.109	.122	.303	-.524
280	281	-.071	.119	.337	-.482
280	282	-.138	.110	.295	-.639
280	283	-.136	.109	.314	-.625
280	284	-.139	.111	.313	-.603
280	285	-.106	.120	.238	-.488
280	286	-.139	.130	.328	-.573

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	287	-.138	.128	.320	-.558
280	288	-.130	.113	.236	-.429
280	289	-.127	.127	.313	-.537
280	290	-.110	.120	.298	-.493
280	291	-.100	.118	.314	-.479
280	292	-.094	.121	.321	-.474
280	293	-.106	.120	.308	-.497
280	294	-.110	.120	.369	-.564
280	295	-.110	.118	.323	-.540
280	296	-.119	.125	.264	-.542
280	297	-.116	.124	.290	-.543
280	298	-.096	.105	.264	-.443
280	299	-.093	.110	.295	-.479
280	300	-.085	.112	.304	-.495
280	301	-.083	.112	.329	-.506
280	302	-.077	.126	.313	-.493
280	303	-.072	.126	.373	-.465
280	304	-.071	.127	.357	-.480
280	401	-.267	.250	.646	-1.132
280	402	-.090	.209	.527	-1.007
280	403	.004	.152	.468	-.532
280	404	.010	.147	.503	-.702
280	405	-.015	.131	.514	-.615
280	406	-.090	.125	.390	-.602
280	407	-.160	.265	.833	-1.265
280	408	-.185	.130	.297	-.632
280	409	-.026	.231	.682	-1.175
280	410	.087	.195	.648	-.880
280	411	.140	.186	.703	-.516
280	412	.088	.198	.707	-.730
280	413	-.027	.206	.761	-.741
280	414	.028	.183	.715	-.635
280	415	.049	.156	.558	-.534
280	416	-.003	.143	.559	-.560
280	417	-.102	.128	.340	-.490
280	418	-.209	.133	.201	-.600
280	419	-.020	.242	.933	-1.000
280	420	-.204	.136	.264	-.599
280	421	-.041	.151	.518	-.579
280	422	.006	.199	.648	-.925
280	423	.054	.144	.701	-.472
280	424	.050	.134	.689	-.557
280	425	.030	.126	.489	-.355
280	426	.000	.123	.567	-.366
280	427	-.054	.124	.436	-.457
280	428	-.133	.126	.311	-.553
280	429	-.200	.126	.212	-.669
280	430	-.039	.180	.656	-.978
280	431	-.179	.124	.203	-.613
280	432	-.042	.158	.477	-.909
280	433	-.016	.155	.517	-.728
280	434	.005	.121	.436	-.412
280	435	-.005	.117	.369	-.362
280	436	-.014	.116	.370	-.416
280	437	-.021	.128	.414	-.419
280	438	-.060	.112	.412	-.398
280	439	-.105	.114	.355	-.452
280	440	-.161	.117	.313	-.535
280	441	-.033	.142	.466	-.561
280	442	-.147	.114	.246	-.546
280	443	-.040	.137	.597	-.606
280	444	-.021	.131	.590	-.657
280	445	.005	.126	.466	-.396
280	446	-.002	.120	.406	-.386
280	447	-.012	.120	.388	-.390
280	448	-.022	.117	.338	-.415
280	449	-.073	.118	.335	-.475
280	450	-.119	.116	.259	-.513
280	451	-.158	.119	.265	-.559
280	452	-.058	.157	.577	-.808
280	453	-.142	.113	.202	-.499
280	454	-.072	.146	.517	-.899
280	455	-.048	.135	.476	-.728
280	456	-.030	.117	.416	-.397
280	457	-.022	.119	.336	-.428
280	458	-.032	.115	.316	-.426
280	459	-.041	.113	.282	-.432
280	460	-.060	.112	.258	-.436
280	461	-.081	.120	.347	-.615
280	462	-.115	.119	.303	-.644
280	463	-.052	.140	.452	-.900
280	464	-.114	.121	.326	-.613
280	465	-.031	.136	.393	-.462
280	466	-.034	.111	.372	-.497
280	467	-.026	.106	.321	-.432
280	468	-.027	.103	.300	-.398
280	469	-.054	.114	.393	-.412
280	470	-.080	.113	.327	-.426
280	471	-.034	.114	.400	-.369
280	472	-.038	.113	.437	-.367
280	473	-.174	.219	.466	-1.189
280	501	-.476	.242	.463	-1.266
280	502	-.084	.125	.264	-.543
280	503	-.194	.149	.388	-.798
280	504	.411	.272	1.238	-.397
280	505	.399	.256	1.199	-.396
280	506	.303	.254	1.114	-.423
280	507	.373	.268	1.220	-.390
280	508	-.420	.246	.538	-1.262
280	509	.226	.247	1.153	-.570
280	510	.321	.241	1.117	-.470
280	511	-.205	.155	.408	-.828
280	512	-.200	.267	.639	-1.201
280	513	-.423	.260	.332	-1.466
280	514	.348	.249	1.171	-.335
280	515	-.174	.147	.313	-.740
280	516	.437	.270	1.563	-.365
280	517	.417	.257	1.339	-.580
280	518	.251	.241	1.225	-.539
280	519	.355	.262	1.459	-.475
280	520	-.138	.182	.440	-.987
280	521	-.142	.196	.539	-1.072
280	522	.202	.219	1.225	-.505
280	523	-.261	.168	.355	-1.115
280	524	.308	.273	1.315	-.492
280	525	.323	.261	1.259	-.388
280	526	.340	.265	1.212	-.354
280	527	.226	.257	1.165	-.515
280	528	.268	.238	1.152	-.381
280	529	-.031	.213	.897	-.660
280	530	-.345	.271	.488	-1.541
280	531	-.331	.159	.280	-.868
280	532	.203	.226	1.105	-.461
280	533	-.013	.219	.929	-.677
280	534	-.384	.269	.516	-1.638
280	535	-.274	.163	.195	-.825
280	536	-.250	.262	.672	-1.586
280	537	.031	.209	.929	-.606
280	538	-.290	.180	.325	-.984
280	539	.039	.199	1.007	-.509
280	540	.122	.199	1.151	-.457
280	541	-.094	.164	.609	-.615
280	542	.143	.216	1.083	-.421
280	543	-.224	.146	.266	-.857
280	544	.117	.210	.893	-.471
280	545	.091	.217	1.094	-.725
280	546	.100	.215	1.182	-.526
280	547	.133	.217	1.216	-.478
280	548	.143	.181	.782	-.398
280	549	.188	.206	1.364	-.381
280	550	.189	.206	1.025	-.375
280	551	.202	.194	1.040	-.324
280	552	.082	.158	.716	-.535
280	553	-.222	.131	.215	-.967
280	554	-.252	.160	.208	-1.073
280	555	-.151	.133	.463	-.582
280	556	-.126	.146	.644	-.539
280	557	-.066	.163	.745	-.519
280	558	-.225	.152	.199	-1.161
280	559	-.155	.138	.511	-.583

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	560	.043	.154	.617	-.428
280	561	.027	.153	.588	-.499
280	562	-.001	.168	.723	-.514
280	563	.044	.165	.620	-.371
280	564	-.165	.122	.399	-.742
280	565	-.025	.164	.625	-.722
280	566	-.204	.130	.217	-.792
280	567	-.200	.137	.225	-1.622
280	568	-.190	.137	.356	-.651
280	569	-.188	.137	.379	-.850
280	570	-.160	.132	.391	-.555
280	571	-.141	.135	.393	-.534
280	572	-.097	.141	.617	-.614
280	573	-.069	.145	.645	-.579
280	574	-.038	.150	.758	-.621
280	575	-.032	.155	.640	-.594
280	576	-.047	.164	.530	-.683
280	577	-.180	.133	.269	-.636
280	578	-.181	.137	.305	-.697
280	579	-.158	.133	.306	-.574
280	580	-.032	.183	.874	-.754
280	581	-.120	.147	.542	-.657
280	582	-.146	.113	.338	-.505
280	583	-.153	.140	.244	-.643
280	584	-.159	.116	.212	-.673
280	585	-.147	.114	.203	-.633
280	586	-.140	.116	.309	-.627
280	587	-.117	.128	.649	-.584
280	588	-.072	.133	.510	-.496
280	589	-.044	.141	.617	-.435
280	590	-.037	.152	.622	-.524
280	591	-.044	.156	.621	-.567
280	592	-.103	.137	.400	-.536
280	593	-.112	.136	.376	-.543
280	594	-.108	.136	.384	-.513
280	595	-.106	.137	.424	-.772
280	596	-.121	.121	.317	-.479
280	597	-.115	.119	.315	-.481
280	598	-.104	.126	.480	-.557
280	599	-.072	.136	.557	-.487
280	600	-.048	.135	.542	-.448
280	601	-.031	.141	.608	-.533
280	602	-.039	.141	.622	-.530
280	603	-.087	.119	.483	-.553
280	604	-.116	.123	.276	-.539
280	605	-.108	.118	.263	-.521
280	606	-.106	.114	.243	-.517
280	607	-.099	.115	.274	-.524
280	608	-.098	.129	.322	-.505
280	609	-.084	.130	.333	-.496
280	610	-.047	.141	.473	-.446
280	611	-.033	.141	.547	-.442
280	612	.001	.138	.585	-.462
280	613	-.036	.140	.468	-.618
280	701	-.147	.118	.331	-.587
280	702	-.143	.115	.277	-.491
280	703	-.102	.125	.451	-.513
280	704	-.231	.165	.331	-.963
280	705	-.183	.131	.231	-.707
280	706	-.198	.134	.192	-.690
280	707	-.118	.132	.467	-.614
280	708	-.196	.221	.791	-1.362
280	709	-.234	.161	.379	-1.090
280	710	-.272	.163	.253	-.913
280	711	-.180	.118	.207	-.596
280	712	-.194	.131	.300	-.627
280	713	-.225	.267	.771	-1.457
280	714	-.103	.156	.477	-.603
280	715	.012	.179	.791	-.567
280	716	-.248	.197	.482	-1.100
280	717	.026	.143	.518	-.620
280	718	.070	.144	.587	-.515
280	719	-.107	.165	.545	-.752
280	720	-.408	.211	.273	-1.265
280	721	-.033	.142	.458	-.670
280	722	.064	.159	.585	-.597
280	723	-.168	.201	.492	-.954
280	724	.060	.263	.842	-1.251
280	725	.396	.267	1.194	-.713
280	726	-.327	.244	.528	-1.463
280	727	-.117	.175	.422	-.800
280	728	-.371	.221	.306	-1.215
280	801	-.065	.121	.446	-.423
280	802	-.096	.114	.424	-.504
290	101	-.203	.145	.253	-.763
290	102	-.198	.146	.233	-.758
290	103	-.217	.170	.271	-.979
290	104	-.258	.175	.238	-1.121
290	105	-.287	.183	.237	-1.173
290	106	-.200	.144	.289	-1.174
290	107	-.277	.173	.294	-1.261
290	108	-.191	.138	.263	-.805
290	109	-.183	.140	.269	-1.059
290	110	-.207	.146	.273	-1.459
290	111	-.216	.166	.386	-1.006
290	112	-.245	.150	.272	-.776
290	113	-.293	.176	.300	-.992
290	114	-.348	.210	.253	-1.183
290	115	-.379	.234	.248	-1.500
290	116	-.393	.234	.400	-1.462
290	117	-.184	.134	.253	-.792
290	118	-.319	.184	.171	-1.424
290	119	-.149	.127	.298	-.642
290	120	-.146	.139	.316	-.667
290	121	-.177	.157	.324	-.878
290	122	-.232	.194	.379	-1.694
290	123	-.262	.211	.375	-1.907
290	124	-.156	.129	.257	-.670
290	125	-.151	.137	.289	-.694
290	126	-.157	.138	.291	-.715
290	127	-.156	.138	.298	-.811
290	128	-.201	.164	.257	-1.135
290	129	-.242	.181	.240	-1.370
290	130	-.247	.176	.230	-1.191
290	131	-.226	.145	.199	-.765
290	132	-.205	.139	.214	-.731
290	133	-.210	.140	.245	-.790
290	134	-.152	.122	.285	-.673
290	135	-.197	.119	.166	-.782
290	136	-.134	.116	.318	-.518
290	137	-.146	.128	.269	-.531
290	138	-.142	.135	.286	-.561
290	139	-.140	.130	.264	-.564
290	140	-.169	.136	.259	-.686
290	141	-.176	.140	.292	-.780
290	142	-.171	.134	.336	-.610
290	143	-.180	.128	.320	-.603
290	144	-.187	.133	.295	-.623
290	145	-.177	.119	.183	-.614
290	146	-.177	.114	.162	-.606
290	147	-.184	.114	.175	-.647
290	148	-.189	.113	.183	-.651
290	149	-.207	.123	.212	-.649
290	150	-.165	.130	.348	-.667
290	151	-.200	.123	.224	-.614
290	152	-.047	.120	.369	-.477
290	153	-.180	.131	.343	-.589
290	154	-.155	.128	.313	-.600
290	155	-.155	.126	.357	-.603
290	156	-.167	.128	.362	-.614
290	157	-.167	.123	.300	-.592
290	158	-.166	.120	.282	-.590
290	159	-.176	.121	.214	-.583
290	160	-.187	.120	.264	-.667
290	161	-.187	.127	.262	-.824
290	162	-.185	.123	.211	-.787
290	163	-.155	.128	.313	-.618
290	164	-.184	.124	.217	-.614
290	165	-.118	.115	.281	-.534
290	166	-.141	.128	.309	-.635

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	167	-.138	.124	.322	-.580
290	168	-.140	.122	.354	-.519
290	169	-.148	.120	.278	-.564
290	170	-.156	.119	.237	-.598
290	171	-.158	.121	.238	-.610
290	172	-.162	.123	.236	-.614
290	173	-.148	.113	.191	-.675
290	174	-.149	.109	.170	-.628
290	175	-.155	.109	.165	-.579
290	176	-.038	.109	.326	-.376
290	201	-.288	.182	.192	-1.349
290	202	-.231	.161	.260	-.801
290	203	-.206	.142	.199	-.784
290	204	-.196	.137	.217	-.714
290	205	-.190	.104	.106	-.569
290	206	-.192	.138	.204	-.786
290	207	-.212	.159	.417	-.736
290	208	-.254	.163	.244	-1.005
290	209	-.234	.164	.256	-.915
290	210	-.198	.155	.286	-.722
290	211	-.203	.152	.312	-.784
290	212	-.231	.155	.248	-.846
290	213	-.214	.157	.298	-.793
290	214	-.178	.149	.335	-.728
290	215	-.189	.155	.279	-.896
290	216	-.188	.139	.287	-.697
290	217	-.184	.148	.244	-.709
290	218	-.184	.150	.241	-.752
290	219	-.208	.149	.215	-.782
290	220	-.218	.146	.253	-.878
290	221	-.167	.148	.256	-.735
290	222	-.167	.144	.239	-.749
290	223	-.199	.149	.263	-.836
290	224	-.194	.146	.218	-.756
290	225	-.154	.138	.238	-.692
290	226	-.150	.135	.255	-.633
290	227	-.159	.127	.262	-.587
290	228	-.143	.126	.264	-.751
290	229	-.149	.127	.263	-.825
290	230	-.178	.133	.296	-.602
290	231	-.181	.133	.253	-1.069
290	232	-.163	.135	.301	-.869
290	233	-.171	.136	.324	-.646
290	234	-.186	.140	.236	-.808
290	235	-.189	.135	.276	-.863
290	236	-.142	.130	.273	-.580
290	237	-.173	.124	.214	-.553
290	238	-.151	.129	.308	-.567
290	239	-.143	.119	.309	-.581
290	240	-.130	.119	.341	-.566
290	241	-.162	.120	.294	-.612
290	242	-.148	.118	.177	-.627
290	243	-.162	.132	.350	-.644
290	244	-.128	.113	.195	-.545
290	245	-.127	.111	.189	-.530
290	246	-.116	.123	.244	-.509
290	247	-.132	.119	.250	-.499
290	248	-.154	.128	.371	-.634
290	249	-.119	.120	.291	-.496
290	250	-.129	.120	.286	-.541
290	251	-.145	.117	.242	-.532
290	252	-.135	.120	.230	-.511
290	253	-.124	.119	.290	-.560
290	254	-.155	.119	.229	-.557
290	255	-.148	.124	.348	-.638
290	256	-.128	.091	.152	-.417
290	257	-.145	.113	.219	-.565
290	258	-.129	.122	.422	-.635
290	259	-.140	.122	.380	-.626
290	260	-.116	.119	.419	-.625
290	261	-.116	.120	.419	-.623
290	262	-.123	.123	.245	-.610
290	263	-.144	.123	.243	-.633
290	264	-.123	.123	.271	-.568
290	265	-.128	.124	.238	-.567
290	266	-.123	.110	.244	-.519
290	267	-.150	.116	.217	-.529
290	268	-.122	.113	.291	-.718
290	269	-.133	.119	.369	-.654
290	270	-.115	.125	.364	-.528
290	271	-.138	.124	.381	-.550
290	272	-.116	.123	.360	-.534
290	273	-.119	.125	.378	-.519
290	274	-.136	.130	.333	-.580
290	275	-.134	.127	.303	-.662
290	276	-.130	.129	.306	-.676
290	277	-.124	.124	.297	-.629
290	278	-.105	.115	.272	-.548
290	279	-.107	.112	.273	-.528
290	280	-.105	.113	.299	-.536
290	281	-.060	.109	.328	-.477
290	282	-.111	.121	.416	-.551
290	283	-.116	.119	.428	-.556
290	284	-.114	.121	.426	-.504
290	285	-.108	.110	.283	-.505
290	286	-.138	.124	.299	-.628
290	287	-.137	.121	.276	-.542
290	288	-.124	.104	.190	-.485
290	289	-.119	.119	.269	-.523
290	290	-.096	.114	.295	-.515
290	291	-.091	.113	.283	-.540
290	292	-.077	.114	.279	-.458
290	293	-.096	.116	.279	-.522
290	294	-.117	.137	.343	-.548
290	295	-.123	.135	.331	-.521
290	296	-.098	.136	.387	-.509
290	297	-.098	.137	.386	-.502
290	298	-.073	.129	.352	-.585
290	299	-.069	.134	.394	-.611
290	300	-.049	.137	.413	-.623
290	301	-.047	.134	.397	-.714
290	302	-.031	.119	.530	-.487
290	303	-.029	.122	.505	-.468
290	304	-.024	.124	.550	-.477
290	401	-.220	.234	.536	-1.395
290	402	-.155	.232	.465	-1.589
290	403	-.103	.201	.438	-1.265
290	404	-.097	.178	.436	-1.000
290	405	-.116	.168	.377	-.860
290	406	-.156	.158	.322	-.884
290	407	-.206	.214	.520	-1.182
290	408	-.181	.139	.232	-.707
290	409	-.154	.288	.518	-1.953
290	410	-.073	.224	.497	-1.440
290	411	-.102	.257	.614	-1.227
290	412	-.141	.229	.488	-1.105
290	413	-.145	.188	.398	-.931
290	414	-.125	.178	.416	-1.024
290	415	-.079	.149	.395	-.713
290	416	-.070	.128	.405	-.562
290	417	-.121	.125	.329	-.525
290	418	-.189	.134	.235	-.691
290	419	-.101	.193	.646	-.994
290	420	-.178	.131	.232	-.798
290	421	-.087	.113	.244	-.537
290	422	-.070	.154	.618	-.741
290	423	-.040	.129	.450	-.465
290	424	-.034	.121	.436	-.459
290	425	-.026	.130	.383	-.491
290	426	-.038	.127	.366	-.468
290	427	-.062	.126	.367	-.480
290	428	-.110	.127	.349	-.584
290	429	-.168	.142	.246	-.753
290	430	-.068	.155	.708	-.654
290	431	-.143	.135	.252	-.710
290	432	-.072	.151	.587	-.537
290	433	-.057	.132	.572	-.638
290	434	-.039	.121	.353	-.424
290	435	-.031	.116	.348	-.407
290	436	-.027	.114	.423	-.383

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	437	-.025	.116	.428	-.439
290	438	-.067	.125	.344	-.482
290	439	-.095	.128	.330	-.515
290	440	-.138	.135	.311	-.593
290	441	-.088	.142	.407	-.660
290	442	-.112	.120	.326	-.448
290	443	-.092	.150	.477	-.714
290	444	-.066	.144	.587	-.508
290	445	-.052	.138	.427	-.475
290	446	-.051	.129	.398	-.457
290	447	-.047	.126	.373	-.467
290	448	-.051	.121	.308	-.470
290	449	-.047	.114	.310	-.482
290	450	-.087	.113	.301	-.455
290	451	-.118	.116	.279	-.484
290	452	-.072	.156	.501	-.659
290	453	-.111	.122	.281	-.501
290	454	-.089	.154	.485	-.850
290	455	-.066	.147	.465	-.581
290	456	-.050	.138	.461	-.538
290	457	-.048	.121	.344	-.405
290	458	-.056	.117	.342	-.396
290	459	-.056	.116	.306	-.419
290	460	-.068	.114	.306	-.447
290	461	-.092	.121	.309	-.528
290	462	-.120	.119	.314	-.545
290	463	-.090	.146	.638	-.653
290	464	-.123	.123	.250	-.635
290	465	-.078	.152	.494	-.617
290	466	-.049	.124	.434	-.449
290	467	-.032	.119	.418	-.409
290	468	-.030	.115	.353	-.387
290	469	-.045	.112	.415	-.407
290	470	-.059	.110	.398	-.411
290	471	-.039	.116	.447	-.459
290	472	-.038	.113	.421	-.416
290	473	.036	.227	.813	-.842
290	501	-.028	.316	.953	-1.118
290	502	-.079	.121	.314	-.469
290	503	-.086	.185	.642	-.727
290	504	.210	.235	1.092	-.522
290	505	.148	.217	.979	-.508
290	506	.234	.257	1.266	-.795
290	507	.239	.248	1.157	-.630
290	508	-.076	.251	.766	-.861
290	509	.179	.218	1.080	-.478
290	510	.068	.196	.857	-.528
290	511	-.102	.145	.476	-.653
290	512	.002	.210	.722	-.894
290	513	-.090	.284	.834	-1.430
290	514	.022	.180	.875	-.514
290	515	-.156	.143	.389	-.665
290	516	.209	.209	.980	-.552
290	517	.126	.188	.941	-1.142
290	518	.200	.232	1.226	-.441
290	519	.222	.228	1.095	-.376
290	520	-.195	.260	.760	-2.039
290	521	-.146	.245	.807	-1.844
290	522	-.052	.190	.779	-.605
290	523	-.282	.230	.597	-1.449
290	524	.061	.198	.853	-.634
290	525	.053	.189	.786	-.606
290	526	.097	.220	.936	-.856
290	527	.031	.203	.821	-.588
290	528	.044	.195	.929	-.624
290	529	-.139	.167	.538	-.827
290	530	-.235	.222	.545	-1.221
290	531	-.270	.170	.284	-.910
290	532	-.024	.181	.786	-.557
290	533	-.145	.162	.622	-.705
290	534	-.218	.200	.497	-1.044
290	535	-.230	.153	.282	-.889
290	536	-.176	.210	.495	-1.267
290	537	-.115	.154	.500	-.681
290	538	-.163	.185	.462	-.926
290	539	-.078	.163	.852	-.570
290	540	-.049	.161	.948	-.496
290	541	-.193	.147	.330	-.758
290	542	-.049	.169	.891	-.502
290	543	-.244	.142	.241	-.899
290	544	-.053	.154	.592	-.585
290	545	-.103	.194	.605	-1.126
290	546	-.089	.165	.527	-.725
290	547	-.069	.166	.577	-.565
290	548	-.058	.161	.739	-.537
290	549	-.014	.171	.844	-.502
290	550	-.066	.163	.866	-.569
290	551	-.040	.161	.742	-.533
290	552	-.083	.152	.643	-.632
290	553	-.202	.118	.206	-.768
290	554	-.210	.127	.174	-.761
290	555	-.189	.118	.212	-.577
290	556	-.168	.113	.233	-.525
290	557	-.158	.116	.282	-.595
290	558	-.199	.118	.161	-.705
290	559	-.180	.112	.187	-.523
290	560	-.109	.154	.619	-.812
290	561	-.127	.161	.837	-.812
290	562	-.144	.133	.462	-.576
290	563	-.114	.141	.580	-.546
290	564	-.198	.130	.235	-.661
290	565	-.166	.177	.726	-.877
290	566	-.214	.133	.198	-.648
290	567	-.212	.133	.233	-.767
290	568	-.202	.127	.267	-.723
290	569	-.194	.124	.212	-.738
290	570	-.188	.122	.220	-.867
290	571	-.172	.122	.225	-.739
290	572	-.156	.133	.552	-.683
290	573	-.132	.139	.544	-.594
290	574	-.110	.156	.747	-.630
290	575	-.103	.178	.682	-.887
290	576	-.134	.188	.677	-.682
290	577	-.195	.132	.452	-.579
290	578	-.197	.133	.267	-.609
290	579	-.186	.130	.294	-.729
290	580	-.131	.202	.783	-.970
290	581	-.161	.125	.248	-.627
290	582	-.152	.137	.281	-.642
290	583	-.187	.124	.219	-.593
290	584	-.189	.125	.270	-.669
290	585	-.176	.122	.259	-.621
290	586	-.182	.124	.256	-.635
290	587	-.187	.134	.352	-.738
290	588	-.159	.151	.503	-.703
290	589	-.118	.165	.550	-.702
290	590	-.091	.189	.770	-.799
290	591	-.088	.195	.759	-.786
290	592	-.147	.123	.258	-.585
290	593	-.156	.121	.180	-.591
290	594	-.157	.121	.221	-.602
290	595	-.158	.123	.191	-.638
290	596	-.154	.136	.276	-.613
290	597	-.158	.134	.280	-.615
290	598	-.178	.142	.274	-.612
290	599	-.149	.143	.378	-.598
290	600	-.101	.164	.551	-.607
290	601	-.074	.180	.665	-.876
290	602	-.083	.191	.659	-1.013
290	603	-.125	.133	.277	-.532
290	604	-.137	.125	.261	-.699
290	605	-.136	.123	.235	-.649
290	606	-.141	.121	.235	-.641
290	607	-.131	.121	.303	-.654
290	608	-.130	.143	.472	-.669
290	609	-.128	.141	.500	-.655
290	610	-.111	.145	.597	-.618
290	611	-.097	.155	.481	-.731
290	612	-.076	.168	.490	-1.003
290	613	-.095	.169	.526	-.672

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	701	-.160	.124	.294	-.568
290	702	-.154	.123	.247	-.598
290	703	-.117	.120	.350	-.544
290	704	-.134	.155	.431	-.612
290	705	-.131	.124	.363	-.485
290	706	-.149	.129	.365	-.537
290	707	-.127	.132	.395	-.686
290	708	-.056	.182	.942	-.810
290	709	-.112	.189	.747	-.764
290	710	-.146	.144	.382	-.746
290	711	-.127	.115	.216	-.507
290	712	-.135	.118	.233	-.532
290	713	-.059	.247	.989	-1.096
290	714	.004	.191	.855	-.658
290	715	.055	.193	.803	-.528
290	716	-.024	.209	.670	-1.230
290	717	.017	.144	.580	-.427
290	718	.029	.149	.624	-.460
290	719	.031	.210	.869	-.860
290	720	-.079	.232	.674	-1.078
290	721	.032	.146	.601	-.460
290	722	.027	.150	.509	-.557
290	723	.049	.224	.900	-.788
290	724	.086	.193	.780	-.648
290	725	.193	.198	1.062	-.652
290	726	-.033	.185	.593	-.889
290	727	.013	.149	.537	-.605
290	728	.008	.226	.894	-.929
290	801	-.011	.134	.591	-.492
290	802	-.038	.132	.623	-.425
300	101	-.195	.176	.338	-1.131
300	102	-.184	.172	.328	-.874
300	103	-.196	.186	.356	-1.136
300	104	-.223	.204	.397	-1.278
300	105	-.227	.191	.510	-1.183
300	106	-.189	.164	.296	-.788
300	107	-.213	.179	.280	-1.280
300	108	-.184	.157	.240	-.904
300	109	-.188	.147	.286	-.883
300	110	-.189	.150	.311	-.969
300	111	-.174	.145	.256	-.895
300	112	-.199	.152	.258	-1.126
300	113	-.213	.165	.355	-1.096
300	114	-.204	.146	.311	-.822
300	115	-.221	.144	.311	-.732
300	116	-.232	.138	.289	-.763
300	117	-.198	.158	.416	-.990
300	118	-.227	.138	.267	-.719
300	119	-.205	.139	.366	-.631
300	120	-.226	.144	.368	-.734
300	121	-.222	.126	.178	-.743
300	122	-.218	.124	.214	-.821
300	123	-.230	.126	.206	-.847
300	124	-.181	.135	.215	-.912
300	125	-.165	.131	.267	-.706
300	126	-.158	.119	.201	-.562
300	127	-.165	.117	.190	-.552
300	128	-.235	.126	.154	-.677
300	129	-.226	.129	.265	-.844
300	130	-.216	.127	.243	-.952
300	131	-.221	.124	.165	-.789
300	132	-.215	.125	.173	-.693
300	133	-.217	.123	.161	-.610
300	134	-.155	.122	.208	-.664
300	135	-.230	.107	.113	-.649
300	136	-.141	.115	.249	-.525
300	137	-.154	.125	.296	-.660
300	138	-.151	.134	.262	-.654
300	139	-.140	.129	.257	-.607
300	140	-.155	.130	.314	-.703
300	141	-.145	.126	.302	-.589
300	142	-.140	.121	.310	-.521
300	143	-.149	.130	.286	-.649
300	144	-.164	.125	.286	-.548
300	145	-.183	.137	.530	-.632
300	146	-.194	.134	.509	-.619
300	147	-.215	.136	.609	-.668
300	148	-.220	.133	.480	-.686
300	149	-.223	.119	.111	-.632
300	150	-.144	.124	.391	-.658
300	151	-.226	.122	.229	-.705
300	152	-.029	.108	.355	-.435
300	153	-.126	.134	.318	-.700
300	154	-.117	.130	.310	-.604
300	155	-.125	.131	.329	-.582
300	156	-.132	.133	.337	-.597
300	157	-.161	.143	.398	-.803
300	158	-.162	.141	.368	-.758
300	159	-.184	.146	.283	-.742
300	160	-.198	.148	.330	-.744
300	161	-.221	.146	.406	-.881
300	162	-.226	.141	.422	-.821
300	163	-.139	.132	.339	-.787
300	164	-.209	.154	.499	-1.298
300	165	-.101	.121	.264	-.533
300	166	-.120	.126	.278	-.901
300	167	-.114	.127	.307	-.856
300	168	-.113	.131	.368	-.639
300	169	-.127	.127	.249	-.587
300	170	-.134	.128	.264	-.557
300	171	-.136	.130	.257	-.578
300	172	-.142	.131	.263	-.623
300	173	-.173	.153	.515	-.666
300	174	-.185	.147	.431	-.744
300	175	-.189	.147	.382	-.682
300	176	-.038	.142	.540	-.464
300	201	-.247	.166	.232	-.936
300	202	-.216	.175	.408	-.951
300	203	-.174	.159	.305	-.975
300	204	-.171	.154	.295	-.903
300	205	-.168	.124	.235	-.695
300	206	-.179	.155	.338	-.836
300	207	-.173	.150	.267	-.915
300	208	-.212	.149	.294	-.937
300	209	-.198	.149	.210	-.969
300	210	-.168	.145	.242	-.989
300	211	-.187	.160	.346	-1.155
300	212	-.223	.169	.308	-.981
300	213	-.210	.171	.343	-1.349
300	214	-.175	.164	.356	-.805
300	215	-.168	.159	.326	-.743
300	216	-.175	.152	.250	-.982
300	217	-.167	.153	.254	-.699
300	218	-.170	.154	.238	-.750
300	219	-.190	.139	.194	-.795
300	220	-.202	.155	.242	-.943
300	221	-.161	.138	.252	-.685
300	222	-.159	.129	.239	-.699
300	223	-.187	.139	.176	-.780
300	224	-.177	.136	.194	-.863
300	225	-.155	.131	.169	-.679
300	226	-.150	.129	.200	-.683
300	227	-.137	.125	.310	-.554
300	228	-.135	.124	.253	-.540
300	229	-.142	.124	.248	-.582
300	230	-.142	.126	.247	-.602
300	231	-.170	.118	.315	-.670
300	232	-.172	.124	.250	-.654
300	233	-.178	.124	.221	-.657
300	234	-.161	.145	.275	-.712
300	235	-.148	.135	.253	-.725
300	236	-.124	.128	.293	-.558
300	237	-.160	.119	.191	-.512
300	238	-.123	.130	.288	-.564
300	239	-.142	.120	.215	-.509
300	240	-.139	.120	.210	-.600
300	241	-.168	.125	.215	-.554
300	242	-.122	.132	.318	-.677
300	243	-.112	.134	.310	-.654
300	244	-.104	.126	.303	-.592

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	245	-.102	.123	.296	-.563
300	246	-.108	.120	.294	-.538
300	247	-.116	.117	.288	-.537
300	248	-.136	.124	.257	-.580
300	249	-.115	.118	.275	-.551
300	250	-.139	.122	.278	-.575
300	251	-.156	.120	.292	-.601
300	252	-.162	.125	.292	-.635
300	253	-.131	.122	.279	-.544
300	254	-.124	.125	.379	-.636
300	255	-.123	.121	.279	-.621
300	256	-.108	.097	.232	-.485
300	257	-.130	.117	.269	-.664
300	258	-.112	.111	.309	-.712
300	259	-.117	.119	.249	-.681
300	260	-.100	.108	.265	-.669
300	261	-.098	.108	.268	-.471
300	262	-.099	.112	.285	-.471
300	263	-.120	.113	.286	-.546
300	264	-.107	.114	.266	-.528
300	265	-.110	.114	.270	-.481
300	266	-.108	.113	.371	-.513
300	267	-.135	.113	.295	-.563
300	268	-.111	.114	.351	-.589
300	269	-.115	.115	.235	-.550
300	270	-.086	.114	.257	-.549
300	271	-.106	.116	.287	-.469
300	272	-.095	.116	.297	-.503
300	273	-.105	.117	.299	-.509
300	274	-.128	.115	.245	-.511
300	275	-.115	.108	.254	-.439
300	276	-.114	.110	.302	-.492
300	277	-.104	.105	.273	-.427
300	278	-.100	.110	.305	-.586
300	279	-.098	.106	.285	-.427
300	280	-.100	.108	.309	-.451
300	281	-.059	.105	.352	-.409
300	282	-.122	.109	.364	-.591
300	283	-.123	.108	.348	-.484
300	284	-.124	.110	.356	-.490
300	285	-.098	.109	.222	-.493
300	286	-.106	.126	.335	-.579
300	287	-.097	.122	.321	-.633
300	288	-.093	.105	.298	-.475
300	289	-.089	.119	.365	-.595
300	290	-.107	.106	.243	-.460
300	291	-.097	.104	.260	-.447
300	292	-.085	.105	.257	-.449
300	293	-.101	.107	.258	-.470
300	294	-.096	.117	.344	-.538
300	295	-.096	.116	.321	-.552
300	296	-.091	.122	.448	-.593
300	297	-.092	.122	.458	-.606
300	298	-.067	.116	.584	-.423
300	299	-.060	.122	.618	-.444
300	300	-.036	.125	.428	-.431
300	301	-.036	.124	.464	-.452
300	302	-.022	.128	.397	-.454
300	303	-.014	.129	.455	-.490
300	304	-.008	.130	.480	-.485
300	401	-.187	.224	.697	-1.334
300	402	-.148	.217	.597	-1.507
300	403	-.118	.189	.473	-.971
300	404	-.118	.174	.438	-.889
300	405	-.141	.173	.383	-.947
300	406	-.173	.169	.289	-.877
300	407	-.162	.215	.560	-1.017
300	408	-.182	.155	.241	-.791
300	409	-.113	.210	.669	-1.095
300	410	-.090	.191	.626	-1.033
300	411	-.085	.198	.602	-1.278
300	412	-.110	.200	.576	-.947
300	413	-.108	.178	.478	-.901
300	414	-.101	.168	.463	-.769
300	415	-.075	.149	.471	-.611
300	416	-.082	.139	.435	-.630
300	417	-.138	.137	.273	-.613
300	418	-.201	.152	.222	-.781
300	419	-.115	.169	.686	-.901
300	420	-.181	.149	.254	-.866
300	421	-.130	.115	.270	-.514
300	422	-.111	.145	.539	-.711
300	423	-.079	.136	.433	-.534
300	424	-.065	.133	.480	-.536
300	425	-.040	.136	.408	-.501
300	426	-.052	.134	.517	-.489
300	427	-.063	.134	.483	-.506
300	428	-.098	.136	.331	-.564
300	429	-.156	.134	.263	-.650
300	430	-.126	.150	.427	-.773
300	431	-.124	.125	.265	-.517
300	432	-.132	.153	.447	-.740
300	433	-.085	.142	.603	-.620
300	434	-.059	.127	.428	-.451
300	435	-.035	.121	.425	-.433
300	436	-.026	.116	.382	-.425
300	437	-.030	.126	.495	-.430
300	438	-.068	.112	.421	-.469
300	439	-.078	.112	.344	-.484
300	440	-.110	.113	.276	-.527
300	441	-.123	.158	.465	-.623
300	442	-.108	.113	.275	-.538
300	443	-.126	.165	.533	-.719
300	444	-.091	.156	.550	-.649
300	445	-.060	.135	.505	-.573
300	446	-.068	.125	.409	-.444
300	447	-.051	.124	.436	-.426
300	448	-.047	.120	.435	-.409
300	449	-.054	.122	.477	-.524
300	450	-.091	.119	.430	-.544
300	451	-.107	.122	.359	-.538
300	452	-.123	.167	.632	-.733
300	453	-.101	.123	.256	-.541
300	454	-.127	.166	.436	-.746
300	455	-.096	.159	.465	-.672
300	456	-.069	.145	.421	-.588
300	457	-.073	.138	.412	-.636
300	458	-.083	.133	.424	-.626
300	459	-.072	.131	.461	-.682
300	460	-.076	.127	.414	-.682
300	461	-.088	.122	.280	-.571
300	462	-.123	.121	.229	-.595
300	463	-.121	.158	.509	-.774
300	464	-.115	.124	.276	-.609
300	465	-.106	.153	.439	-.569
300	466	-.108	.148	.427	-.605
300	467	-.071	.141	.447	-.545
300	468	-.059	.134	.373	-.533
300	469	-.059	.115	.314	-.486
300	470	-.071	.113	.286	-.477
300	471	-.062	.121	.325	-.486
300	472	-.060	.117	.320	-.474
300	473	-.161	.217	.635	-1.110
300	501	-.234	.256	.650	-1.328
300	502	-.073	.120	.321	-.469
300	503	-.185	.184	.587	-.971
300	504	.085	.255	1.022	-.866
300	505	.087	.234	1.036	-.790
300	506	.014	.236	1.037	-.749
300	507	.044	.250	1.106	-.901
300	508	-.232	.197	.461	-1.431
300	509	-.000	.197	1.159	-.513
300	510	.046	.208	.908	-.656
300	511	-.198	.143	.366	-.687
300	512	-.172	.189	.569	-1.073
300	513	-.250	.226	.586	-1.285
300	514	.002	.181	.789	-.555
300	515	-.164	.131	.242	-.717
300	516	.062	.243	1.127	-.592
300	517	.038	.236	1.229	-.939

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	518	-.012	.216	1.077	-.650
300	519	.024	.231	1.184	-.573
300	520	-.280	.165	.409	-1.096
300	521	-.295	.178	.403	-1.203
300	522	-.037	.181	1.030	-.604
300	523	-.271	.148	.424	-1.030
300	524	-.116	.181	.655	-.910
300	525	-.086	.186	.744	-.828
300	526	-.086	.202	.914	-.783
300	527	-.179	.162	.515	-.888
300	528	-.057	.210	.857	-.822
300	529	-.215	.141	.405	-.694
300	530	-.248	.155	.261	-.997
300	531	-.236	.143	.182	-.772
300	532	-.103	.183	.781	-.812
300	533	-.225	.117	.213	-.727
300	534	-.246	.144	.240	-.870
300	535	-.237	.119	.205	-.739
300	536	-.245	.142	.370	-1.103
300	537	-.217	.127	.335	-.682
300	538	-.222	.134	.298	-.806
300	539	-.195	.134	.346	-.593
300	540	-.166	.139	.435	-.595
300	541	-.229	.135	.230	-.746
300	542	-.180	.138	.390	-.597
300	543	-.231	.133	.236	-.793
300	544	-.152	.127	.436	-.610
300	545	-.210	.155	.361	-.764
300	546	-.196	.144	.353	-.657
300	547	-.174	.148	.474	-.637
300	548	-.163	.176	.572	-.902
300	549	-.133	.169	.833	-.715
300	550	-.164	.144	.428	-.706
300	551	-.141	.157	.589	-.751
300	552	-.194	.166	.529	-.878
300	553	-.239	.120	.181	-.636
300	554	-.232	.122	.190	-.815
300	555	-.223	.117	.178	-.657
300	556	-.218	.121	.277	-.677
300	557	-.209	.125	.457	-.675
300	558	-.239	.123	.130	-.725
300	559	-.224	.120	.163	-.684
300	560	-.201	.170	.553	-.822
300	561	-.217	.179	.536	-.928
300	562	-.201	.129	.305	-.620
300	563	-.177	.141	.508	-.633
300	564	-.223	.124	.206	-.665
300	565	-.207	.212	.831	-1.196
300	566	-.238	.126	.167	-.675
300	567	-.232	.125	.171	-.665
300	568	-.234	.139	.202	-.727
300	569	-.220	.137	.240	-.868
300	570	-.210	.135	.264	-.720
300	571	-.201	.135	.338	-.740
300	572	-.210	.146	.431	-.691
300	573	-.192	.153	.471	-.657
300	574	-.158	.173	.691	-.705
300	575	-.154	.201	.779	-.954
300	576	-.179	.201	.647	-.974
300	577	-.218	.147	.217	-.914
300	578	-.211	.139	.208	-.747
300	579	-.205	.136	.232	-.686
300	580	-.154	.203	.671	-.865
300	581	-.192	.127	.162	-.830
300	582	-.200	.133	.241	-.634
300	583	-.192	.127	.256	-.787
300	584	-.175	.131	.267	-.712
300	585	-.174	.124	.226	-.595
300	586	-.175	.124	.239	-.627
300	587	-.199	.136	.421	-.807
300	588	-.178	.133	.287	-.639
300	589	-.140	.148	.454	-.652
300	590	-.117	.181	.641	-.794
300	591	-.127	.198	.624	-.901
300	592	-.165	.134	.275	-.587
300	593	-.174	.132	.271	-.598
300	594	-.176	.132	.290	-.596
300	595	-.185	.137	.264	-.614
300	596	-.169	.133	.372	-.666
300	597	-.174	.129	.349	-.673
300	598	-.202	.135	.290	-.666
300	599	-.193	.143	.424	-.736
300	600	-.148	.162	.597	-.891
300	601	-.119	.186	.629	-1.142
300	602	-.125	.204	.621	-1.297
300	603	-.162	.131	.357	-.655
300	604	-.152	.131	.305	-.572
300	605	-.159	.129	.288	-.562
300	606	-.166	.130	.282	-.582
300	607	-.153	.132	.332	-.568
300	608	-.158	.131	.284	-.653
300	609	-.158	.129	.252	-.568
300	610	-.164	.133	.319	-.598
300	611	-.154	.136	.422	-.643
300	612	-.120	.173	.525	-.729
300	613	-.150	.153	.593	-.689
300	701	-.176	.119	.275	-.579
300	702	-.135	.112	.241	-.500
300	703	-.101	.110	.281	-.444
300	704	-.207	.122	.324	-.667
300	705	-.130	.117	.296	-.559
300	706	-.152	.121	.326	-.599
300	707	-.122	.122	.276	-.574
300	708	-.169	.132	.331	-.610
300	709	-.170	.136	.417	-.634
300	710	-.194	.136	.226	-.703
300	711	-.108	.121	.266	-.608
300	712	-.130	.130	.293	-.674
300	713	-.208	.142	.841	-.865
300	714	-.132	.146	.634	-.657
300	715	-.090	.165	.630	-.677
300	716	-.091	.171	.682	-.705
300	717	-.015	.151	.545	-.614
300	718	.004	.154	.586	-.537
300	719	-.113	.170	.561	-.689
300	720	-.093	.207	.540	-1.057
300	721	-.044	.155	.509	-.645
300	722	.010	.154	.549	-.539
300	723	-.089	.199	.797	-.881
300	724	-.027	.204	.823	-.908
300	725	.082	.219	1.116	-.855
300	726	-.036	.178	.525	-1.222
300	727	-.015	.150	.435	-.793
300	728	-.107	.189	.531	-.829
300	801	-.025	.117	.425	-.424
300	802	-.030	.118	.375	-.430
310	101	-.153	.170	.519	-.991
310	102	-.138	.173	.543	-1.000
310	103	-.137	.185	.686	-1.065
310	104	-.155	.188	.813	-.961
310	105	-.143	.189	.556	-1.071
310	106	-.132	.144	.323	-.710
310	107	-.136	.181	.595	-.799
310	108	-.116	.139	.375	-.612
310	109	-.117	.149	.362	-.639
310	110	-.122	.158	.709	-.752
310	111	-.121	.166	.478	-.842
310	112	-.142	.168	.505	-1.053
310	113	-.178	.174	.447	-1.129
310	114	-.201	.167	.551	-1.215
310	115	-.213	.162	.495	-.883
310	116	-.250	.154	.384	-.736
310	117	-.127	.148	.301	-.680
310	118	-.228	.153	.423	-.704
310	119	-.142	.143	.285	-.715
310	120	-.142	.158	.377	-.731
310	121	-.161	.159	.526	-.655
310	122	-.193	.149	.464	-.698
310	123	-.209	.144	.457	-.726
310	124	-.138	.135	.274	-.572

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	125	-.126	.132	.280	-.618
310	126	-.132	.128	.388	-.573
310	127	-.132	.127	.399	-.563
310	128	-.210	.149	.408	-.843
310	129	-.173	.163	.443	-1.067
310	130	-.181	.159	.496	-.883
310	131	-.188	.150	.327	-.785
310	132	-.243	.142	.429	-1.145
310	133	-.252	.137	.370	-.990
310	134	-.129	.120	.248	-.600
310	135	-.224	.122	.537	-.650
310	136	-.121	.118	.260	-.598
310	137	-.139	.124	.326	-.526
310	138	-.095	.122	.410	-.530
310	139	-.095	.116	.369	-.511
310	140	-.162	.134	.344	-.796
310	141	-.153	.139	.292	-.958
310	142	-.155	.132	.308	-.688
310	143	-.147	.136	.318	-.747
310	144	-.165	.129	.419	-.631
310	145	-.166	.126	.279	-.586
310	146	-.187	.124	.291	-.528
310	147	-.210	.125	.240	-.568
310	148	-.226	.122	.201	-.601
310	149	-.242	.117	.166	-.727
310	150	-.155	.127	.254	-.702
310	151	-.245	.116	.266	-.704
310	152	-.032	.109	.297	-.428
310	153	-.114	.124	.317	-.505
310	154	-.116	.123	.326	-.500
310	155	-.110	.123	.316	-.482
310	156	-.117	.126	.294	-.478
310	157	-.147	.136	.232	-.628
310	158	-.159	.135	.212	-.655
310	159	-.166	.142	.237	-.703
310	160	-.183	.144	.371	-.684
310	161	-.214	.134	.383	-.707
310	162	-.232	.130	.311	-.691
310	163	-.155	.125	.233	-.585
310	164	-.214	.135	.314	-.635
310	165	-.132	.114	.244	-.505
310	166	-.162	.122	.265	-.625
310	167	-.148	.121	.346	-.581
310	168	-.145	.123	.288	-.507
310	169	-.140	.124	.244	-.594
310	170	-.164	.122	.224	-.597
310	171	-.155	.123	.229	-.604
310	172	-.165	.126	.224	-.655
310	173	-.173	.121	.266	-.596
310	174	-.180	.116	.178	-.575

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	175	-.192	.115	.193	-.627
310	176	-.010	.117	.476	-.482
310	201	-.140	.136	.301	-.684
310	202	-.124	.127	.307	-.673
310	203	-.146	.145	.422	-.723
310	204	-.148	.145	.404	-.847
310	205	-.158	.116	.356	-.591
310	206	-.180	.154	.437	-.809
310	207	-.214	.171	.317	-1.048
310	208	-.152	.140	.306	-.701
310	209	-.142	.142	.320	-.715
310	210	-.134	.147	.382	-.683
310	211	-.186	.156	.318	-.877
310	212	-.145	.140	.378	-.631
310	213	-.141	.140	.374	-.634
310	214	-.127	.148	.392	-.669
310	215	-.131	.147	.279	-.744
310	216	-.130	.132	.309	-.521
310	217	-.160	.147	.302	-.792
310	218	-.167	.150	.296	-.944
310	219	-.134	.131	.279	-.687
310	220	-.115	.126	.357	-.644
310	221	-.116	.137	.345	-.724
310	222	-.146	.142	.328	-.740
310	223	-.139	.124	.317	-.689
310	224	-.126	.119	.326	-.769
310	225	-.121	.126	.345	-.822
310	226	-.125	.123	.307	-.649
310	227	-.123	.120	.268	-.578
310	228	-.130	.123	.259	-.659
310	229	-.139	.125	.269	-.731
310	230	-.131	.131	.377	-.710
310	231	-.134	.146	.360	-.917
310	232	-.142	.153	.358	-1.113
310	233	-.152	.153	.365	-1.015
310	234	-.123	.128	.356	-.640
310	235	-.112	.121	.332	-.659
310	236	-.116	.130	.390	-.678
310	237	-.169	.130	.290	-.616
310	238	-.109	.116	.310	-.461
310	239	-.098	.129	.279	-.563
310	240	-.100	.130	.285	-.566
310	241	-.148	.140	.270	-.679
310	242	-.122	.132	.318	-.537
310	243	-.098	.117	.303	-.557
310	244	-.122	.129	.332	-.532
310	245	-.115	.126	.331	-.535
310	246	-.105	.121	.390	-.537
310	247	-.113	.116	.390	-.547
310	248	-.119	.130	.335	-.591

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	249	-.115	.120	.403	-.563
310	250	-.152	.120	.248	-.705
310	251	-.159	.116	.245	-.644
310	252	-.164	.118	.224	-.683
310	253	-.132	.114	.284	-.572
310	254	-.129	.138	.325	-.645
310	255	-.107	.128	.375	-.547
310	256	-.118	.115	.244	-.519
310	257	-.139	.135	.330	-.630
310	258	-.141	.114	.214	-.599
310	259	-.115	.127	.339	-.593
310	260	-.128	.107	.220	-.505
310	261	-.123	.107	.226	-.460
310	262	-.124	.121	.408	-.539
310	263	-.138	.121	.388	-.524
310	264	-.126	.121	.401	-.536
310	265	-.127	.124	.411	-.594
310	266	-.052	.146	.478	-.564
310	267	-.074	.146	.485	-.549
310	268	-.056	.148	.505	-.641
310	269	-.121	.127	.336	-.547
310	270	-.110	.118	.314	-.531
310	271	-.134	.116	.301	-.563
310	272	-.122	.120	.399	-.544
310	273	-.131	.123	.393	-.559
310	274	-.167	.130	.246	-.579
310	275	-.155	.122	.247	-.583
310	276	-.152	.123	.258	-.617
310	277	-.149	.118	.256	-.524
310	278	-.101	.124	.330	-.538
310	279	-.096	.121	.343	-.502
310	280	-.097	.124	.306	-.493
310	281	-.055	.121	.328	-.444
310	282	-.146	.116	.209	-.631
310	283	-.145	.114	.200	-.527
310	284	-.147	.116	.316	-.531
310	285	-.123	.114	.314	-.532
310	286	-.113	.124	.278	-.625
310	287	-.109	.119	.311	-.679
310	288	-.099	.098	.226	-.411
310	289	-.097	.115	.290	-.484
310	290	-.125	.122	.368	-.502
310	291	-.111	.122	.403	-.484
310	292	-.093	.124	.414	-.495
310	293	-.120	.124	.421	-.494
310	294	-.119	.117	.236	-.527
310	295	-.117	.117	.228	-.530
310	296	-.104	.121	.270	-.584
310	297	-.117	.128	.291	-.625
310	298	-.059	.117	.337	-.433

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	299	-.044	.124	.377	-.438
310	300	-.023	.128	.503	-.419
310	301	-.027	.126	.376	-.425
310	302	-.027	.130	.425	-.494
310	303	-.013	.132	.511	-.484
310	304	-.010	.133	.537	-.494
310	401	-.148	.147	.582	-.957
310	402	-.136	.140	.489	-.904
310	403	-.122	.132	.477	-.766
310	404	-.114	.129	.432	-.765
310	405	-.106	.131	.325	-.684
310	406	-.112	.129	.290	-.726
310	407	-.123	.142	.320	-.749
310	408	-.113	.125	.283	-.628
310	409	-.217	.158	.440	-.961
310	410	-.191	.150	.383	-.819
310	411	-.169	.150	.459	-1.203
310	412	-.159	.146	.339	-1.086
310	413	-.103	.132	.355	-.757
310	414	-.093	.128	.358	-.682
310	415	-.083	.124	.349	-.555
310	416	-.076	.120	.463	-.487
310	417	-.101	.116	.320	-.542
310	418	-.114	.120	.322	-.604
310	419	-.191	.131	.532	-.643
310	420	-.104	.116	.341	-.580
310	421	-.201	.117	.208	-.548
310	422	-.165	.134	.474	-.785
310	423	-.129	.128	.451	-.568
310	424	-.110	.125	.386	-.546
310	425	-.090	.131	.365	-.534
310	426	-.078	.126	.386	-.519
310	427	-.072	.126	.340	-.504
310	428	-.075	.126	.320	-.506
310	429	-.109	.120	.258	-.520
310	430	-.199	.147	.643	-.613
310	431	-.098	.119	.265	-.523
310	432	-.204	.146	.555	-.627
310	433	-.151	.137	.484	-.662
310	434	-.115	.125	.428	-.538
310	435	-.095	.120	.385	-.523
310	436	-.085	.118	.400	-.544
310	437	-.095	.132	.334	-.580
310	438	-.084	.111	.330	-.722
310	439	-.082	.110	.326	-.686
310	440	-.094	.111	.268	-.544
310	441	-.197	.158	.613	-.706
310	442	-.102	.114	.261	-.529
310	443	-.192	.161	.492	-.730
310	444	-.157	.156	.479	-.673
310	445	-.116	.139	.350	-.573
310	446	-.106	.130	.333	-.592
310	447	-.093	.127	.441	-.498
310	448	-.087	.121	.394	-.504
310	449	-.079	.124	.323	-.500
310	450	-.092	.119	.311	-.510
310	451	-.101	.120	.272	-.546
310	452	-.163	.169	.558	-.914
310	453	-.123	.111	.273	-.535
310	454	-.195	.147	.322	-.675
310	455	-.168	.143	.406	-.670
310	456	-.139	.133	.324	-.653
310	457	-.123	.133	.392	-.588
310	458	-.119	.128	.355	-.587
310	459	-.105	.126	.384	-.510
310	460	-.101	.122	.315	-.468
310	461	-.099	.110	.272	-.557
310	462	-.119	.109	.243	-.528
310	463	-.157	.151	.402	-.606
310	464	-.112	.114	.224	-.551
310	465	-.179	.144	.334	-.705
310	466	-.166	.137	.421	-.650
310	467	-.137	.136	.320	-.713
310	468	-.125	.133	.314	-.690
310	469	-.100	.115	.245	-.494
310	470	-.101	.116	.265	-.470
310	471	-.110	.118	.260	-.506
310	472	-.101	.115	.258	-.456
310	473	-.188	.189	.715	-.918
310	501	-.197	.179	.713	-1.049
310	502	-.099	.118	.298	-.529
310	503	-.177	.191	.894	-.863
310	504	-.146	.169	.786	-.818
310	505	-.130	.166	.636	-.953
310	506	-.169	.160	.590	-.959
310	507	-.160	.163	.554	-.894
310	508	-.174	.157	.444	-1.028
310	509	-.152	.143	.357	-.824
310	510	-.126	.162	.674	-.753
310	511	-.160	.167	.606	-.694
310	512	-.176	.180	.641	-.983
310	513	-.181	.162	.430	-1.252
310	514	-.130	.157	.597	-.785
310	515	-.159	.171	.719	-.724
310	516	-.139	.187	.696	-.854
310	517	-.143	.194	.652	-.972
310	518	-.154	.175	.640	-.948
310	519	-.145	.178	.559	-.838
310	520	-.250	.148	.700	-1.366
310	521	-.244	.139	.624	-1.078
310	522	-.153	.153	.414	-.706
310	523	-.253	.155	.620	-1.061
310	524	-.215	.137	.572	-.982
310	525	-.210	.139	.443	-.746
310	526	-.234	.143	.421	-.991
310	527	-.224	.129	.181	-.963
310	528	-.243	.177	.634	-1.425
310	529	-.233	.126	.181	-.781
310	530	-.251	.125	.141	-.679
310	531	-.259	.150	.500	-1.283
310	532	-.284	.161	.298	-.998
310	533	-.239	.131	.283	-.641
310	534	-.263	.121	.157	-.743
310	535	-.259	.151	.378	-.927
310	536	-.239	.135	.245	-.776
310	537	-.232	.131	.200	-.699
310	538	-.248	.148	.244	-.848
310	539	-.249	.133	.177	-.694
310	540	-.242	.133	.173	-.692
310	541	-.258	.119	.108	-.749
310	542	-.236	.117	.201	-.815
310	543	-.262	.125	.177	-1.095
310	544	-.207	.127	.191	-.672
310	545	-.271	.141	.291	-1.247
310	546	-.249	.119	.293	-.673
310	547	-.244	.121	.505	-.686
310	548	-.295	.153	.404	-.827
310	549	-.270	.143	.495	-.765
310	550	-.256	.134	.387	-.737
310	551	-.262	.146	.404	-.873
310	552	-.296	.175	.331	-1.388
310	553	-.239	.133	.163	-.789
310	554	-.239	.134	.161	-.714
310	555	-.232	.131	.150	-.698
310	556	-.232	.123	.210	-.661
310	557	-.230	.124	.239	-.750
310	558	-.233	.124	.226	-.658
310	559	-.230	.122	.232	-.649
310	560	-.271	.168	.429	-1.014
310	561	-.274	.171	.518	-1.046
310	562	-.247	.133	.177	-.711
310	563	-.241	.146	.316	-.751
310	564	-.242	.116	.180	-.694
310	565	-.258	.185	.798	-1.313
310	566	-.255	.125	.134	-1.027
310	567	-.246	.117	.135	-.793
310	568	-.275	.144	.307	-1.141
310	569	-.252	.135	.240	-.645
310	570	-.251	.136	.256	-.695
310	571	-.253	.136	.239	-.716

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	572	-.248	.141	.331	-.750
310	573	-.237	.146	.499	-.712
310	574	-.224	.167	.651	-.781
310	575	-.235	.197	.603	-.966
310	576	-.264	.200	.556	-1.010
310	577	-.246	.157	.321	-.887
310	578	-.241	.138	.318	-.710
310	579	-.243	.134	.327	-.716
310	580	-.266	.213	.602	-1.140
310	581	-.276	.138	.185	-.869
310	582	-.245	.137	.144	-1.003
310	583	-.273	.144	.206	-.886
310	584	-.248	.139	.287	-.775
310	585	-.243	.136	.220	-.704
310	586	-.246	.136	.232	-.700
310	587	-.269	.145	.157	-.825
310	588	-.254	.149	.279	-.967
310	589	-.231	.160	.486	-.949
310	590	-.221	.184	.555	-1.246
310	591	-.230	.201	.531	-1.300
310	592	-.244	.127	.111	-.671
310	593	-.249	.124	.114	-.660
310	594	-.255	.126	.098	-.677
310	595	-.264	.134	.140	-.886
310	596	-.227	.124	.296	-.612
310	597	-.223	.121	.284	-.602
310	598	-.229	.130	.255	-.723
310	599	-.228	.133	.250	-.755
310	600	-.233	.141	.331	-.833
310	601	-.221	.159	.486	-.986
310	602	-.233	.174	.559	-1.044
310	603	-.246	.127	.236	-.641
310	604	-.222	.129	.183	-.639
310	605	-.222	.128	.203	-.631
310	606	-.229	.130	.197	-.724
310	607	-.212	.129	.223	-.624
310	608	-.226	.125	.207	-.712
310	609	-.218	.122	.188	-.630
310	610	-.225	.125	.147	-.635
310	611	-.201	.138	.444	-.764
310	612	-.200	.164	.510	-.849
310	613	-.205	.157	.406	-1.135
310	701	-.210	.129	.239	-.626
310	702	-.163	.123	.265	-.538
310	703	-.132	.125	.292	-.558
310	704	-.167	.154	.533	-.688
310	705	-.116	.129	.392	-.577
310	706	-.118	.134	.337	-.563
310	707	-.134	.127	.353	-.566
310	708	-.198	.135	.417	-.584
310	709	-.212	.136	.355	-.612
310	710	-.146	.149	.499	-.625
310	711	-.108	.117	.319	-.510
310	712	-.111	.123	.392	-.548
310	713	-.218	.142	.370	-.633
310	714	-.182	.148	.466	-.716
310	715	-.143	.169	.791	-.780
310	716	-.136	.165	.429	-1.142
310	717	-.081	.169	.503	-.831
310	718	-.067	.155	.652	-.689
310	719	-.188	.156	.604	-.976
310	720	-.135	.175	.637	-.816
310	721	-.088	.142	.403	-.521
310	722	-.072	.146	.452	-.742
310	723	-.183	.152	.546	-.818
310	724	-.174	.173	.443	-.928
310	725	-.134	.182	.506	-.905
310	726	-.106	.151	.363	-.801
310	727	-.070	.142	.435	-.777
310	728	-.131	.153	.426	-.832
310	801	-.029	.117	.346	-.459
310	802	-.037	.122	.380	-.440
320	101	-.127	.145	.316	-.767
320	102	-.055	.145	.449	-.750
320	103	-.004	.160	.626	-.679
320	104	-.003	.181	.571	-.769
320	105	-.065	.205	.726	-1.020
320	106	-.160	.129	.398	-.582
320	107	-.070	.204	.773	-.974
320	108	-.146	.122	.374	-.539
320	109	-.097	.128	.424	-.606
320	110	-.030	.138	.498	-.492
320	111	-.040	.169	.549	-.853
320	112	-.061	.179	.554	-.881
320	113	-.035	.205	.649	-1.029
320	114	-.046	.205	.728	-.786
320	115	-.071	.217	.779	-.908
320	116	-.105	.232	.895	-.908
320	117	-.152	.131	.359	-.672
320	118	-.128	.195	.635	-.695
320	119	-.081	.130	.398	-.508
320	120	-.004	.166	.642	-.476
320	121	-.007	.190	.692	-.650
320	122	-.044	.192	.818	-.689
320	123	-.081	.190	.741	-.695
320	124	-.159	.128	.279	-.717
320	125	-.128	.113	.264	-.532
320	126	-.098	.118	.307	-.482
320	127	-.121	.125	.253	-.803
320	128	-.148	.141	.311	-.873
320	129	-.127	.156	.442	-.836
320	130	-.120	.161	.430	-.892
320	131	-.129	.162	.441	-1.105
320	132	-.169	.185	.631	-.878
320	133	-.192	.182	.568	-.858
320	134	-.137	.113	.188	-.628
320	135	-.200	.136	.488	-.692
320	136	-.150	.108	.185	-.592
320	137	-.139	.132	.266	-.561
320	138	-.073	.123	.392	-.556
320	139	-.088	.114	.422	-.542
320	140	-.158	.120	.444	-.794
320	141	-.127	.116	.331	-.768
320	142	-.112	.114	.310	-.611
320	143	-.104	.128	.487	-.665
320	144	-.106	.114	.323	-.455
320	145	-.110	.139	.301	-.639
320	146	-.114	.139	.359	-.608
320	147	-.133	.144	.371	-.704
320	148	-.166	.145	.424	-.709
320	149	-.178	.134	.246	-.628
320	150	-.126	.113	.227	-.518
320	151	-.165	.133	.413	-.655
320	152	-.057	.113	.311	-.491
320	153	-.152	.110	.225	-.484
320	154	-.143	.110	.275	-.464
320	155	-.138	.113	.227	-.474
320	156	-.135	.117	.229	-.494
320	157	-.123	.137	.389	-.619
320	158	-.121	.135	.385	-.601
320	159	-.119	.142	.385	-.606
320	160	-.118	.152	.389	-.640
320	161	-.114	.148	.454	-.577
320	162	-.135	.146	.471	-.590
320	163	-.155	.115	.272	-.534
320	164	-.161	.158	.585	-.674
320	165	-.148	.112	.258	-.527
320	166	-.146	.107	.198	-.503
320	167	-.138	.108	.209	-.482
320	168	-.133	.112	.253	-.493
320	169	-.153	.122	.242	-.555
320	170	-.158	.124	.262	-.589
320	171	-.159	.126	.232	-.604
320	172	-.168	.131	.285	-.650
320	173	-.188	.127	.264	-.632
320	174	-.211	.127	.276	-.685
320	175	-.217	.126	.317	-.709
320	176	-.039	.109	.385	-.513
320	201	-.188	.132	.200	-.832
320	202	-.187	.131	.180	-.714

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	203	-.226	.161	.283	-.845
320	204	-.238	.161	.273	-.894
320	205	-.270	.137	.136	-.754
320	206	-.303	.185	.241	-1.011
320	207	-.331	.205	.234	-1.328
320	208	-.210	.139	.144	-.782
320	209	-.206	.146	.194	-.860
320	210	-.200	.150	.202	-.833
320	211	-.294	.166	.135	-1.020
320	212	-.195	.136	.183	-.917
320	213	-.204	.151	.231	-.952
320	214	-.191	.147	.241	-.969
320	215	-.182	.154	.315	-.764
320	216	-.241	.155	.305	-.882
320	217	-.248	.170	.268	-1.037
320	218	-.247	.171	.260	-1.053
320	219	-.190	.120	.211	-.672
320	220	-.176	.134	.281	-.764
320	221	-.209	.145	.243	-.873
320	222	-.228	.141	.212	-.990
320	223	-.170	.142	.218	-.969
320	224	-.177	.145	.203	-.932
320	225	-.182	.157	.217	-1.090
320	226	-.185	.151	.204	-.952
320	227	-.202	.144	.203	-.845
320	228	-.209	.150	.239	-1.013
320	229	-.203	.147	.218	-.947
320	230	-.119	.129	.306	-.730
320	231	-.154	.134	.256	-1.114
320	232	-.159	.140	.265	-1.045
320	233	-.168	.141	.262	-1.123
320	234	-.154	.122	.218	-.600
320	235	-.165	.123	.232	-.594
320	236	-.158	.131	.276	-.685
320	237	-.140	.125	.365	-.682
320	238	-.172	.135	.263	-.702
320	239	-.098	.124	.359	-.529
320	240	-.099	.126	.329	-.547
320	241	-.099	.127	.322	-.533
320	242	-.143	.131	.316	-.646
320	243	-.142	.122	.250	-.577
320	244	-.144	.131	.286	-.614
320	245	-.137	.128	.285	-.593
320	246	-.144	.122	.295	-.547
320	247	-.163	.122	.283	-.564
320	248	-.163	.129	.223	-.583
320	249	-.156	.124	.301	-.559
320	250	-.158	.122	.252	-.756
320	251	-.173	.123	.206	-.729
320	252	-.176	.128	.219	-.760
320	253	-.151	.117	.219	-.567
320	254	-.152	.113	.295	-.549
320	255	-.135	.123	.239	-.500
320	256	-.155	.092	.136	-.454
320	257	-.157	.111	.212	-.556
320	258	-.151	.111	.316	-.523
320	259	-.148	.128	.246	-.526
320	260	-.141	.108	.316	-.495
320	261	-.133	.108	.324	-.476
320	262	-.136	.103	.205	-.493
320	263	-.160	.103	.179	-.562
320	264	-.148	.104	.197	-.538
320	265	-.144	.104	.194	-.560
320	266	-.149	.114	.236	-.536
320	267	-.163	.114	.220	-.607
320	268	-.163	.117	.270	-.539
320	269	-.157	.129	.247	-.507
320	270	-.147	.130	.317	-.651
320	271	-.155	.123	.234	-.651
320	272	-.131	.129	.285	-.636
320	273	-.157	.131	.252	-.674
320	274	-.165	.132	.239	-.621
320	275	-.142	.127	.246	-.617
320	276	-.143	.129	.253	-.647
320	277	-.150	.124	.207	-.559
320	278	-.143	.117	.247	-.571
320	279	-.132	.112	.215	-.522
320	280	-.130	.113	.226	-.550
320	281	-.092	.110	.272	-.482
320	282	-.145	.102	.244	-.502
320	283	-.140	.100	.289	-.484
320	284	-.146	.102	.288	-.493
320	285	-.151	.118	.318	-.583
320	286	-.158	.136	.333	-.628
320	287	-.159	.138	.267	-.707
320	288	-.153	.119	.237	-.512
320	289	-.159	.133	.273	-.628
320	290	-.151	.121	.282	-.534
320	291	-.130	.118	.300	-.502
320	292	-.110	.119	.300	-.486
320	293	-.146	.121	.276	-.531
320	294	-.162	.115	.233	-.515
320	295	-.153	.115	.274	-.504
320	296	-.169	.128	.264	-.711
320	297	-.206	.139	.185	-.831
320	298	-.090	.120	.355	-.463
320	299	-.056	.123	.370	-.447
320	300	-.037	.127	.449	-.451
320	301	-.048	.125	.388	-.454
320	302	-.037	.125	.435	-.429
320	303	-.010	.125	.479	-.402
320	304	-.010	.127	.517	-.409
320	401	-.180	.132	.206	-.870
320	402	-.180	.130	.195	-.834
320	403	-.160	.128	.233	-.829
320	404	-.154	.124	.244	-.841
320	405	-.171	.131	.329	-.652
320	406	-.183	.130	.319	-.624
320	407	-.188	.131	.288	-.609
320	408	-.195	.130	.319	-.676
320	409	-.235	.139	.164	-.841
320	410	-.221	.132	.161	-.819
320	411	-.201	.132	.211	-.928
320	412	-.200	.144	.241	-1.346
320	413	-.183	.150	.352	-.706
320	414	-.187	.149	.327	-.685
320	415	-.180	.151	.275	-.693
320	416	-.181	.149	.261	-.658
320	417	-.195	.133	.195	-.880
320	418	-.212	.134	.227	-.970
320	419	-.243	.132	.187	-.923
320	420	-.192	.130	.204	-.918
320	421	-.250	.109	.063	-.618
320	422	-.238	.129	.155	-.685
320	423	-.207	.127	.172	-.650
320	424	-.197	.128	.217	-.635
320	425	-.206	.127	.199	-.673
320	426	-.196	.126	.191	-.710
320	427	-.180	.126	.223	-.723
320	428	-.180	.128	.231	-.706
320	429	-.163	.130	.267	-.635
320	430	-.237	.127	.243	-.713
320	431	-.145	.125	.264	-.515
320	432	-.231	.132	.311	-.753
320	433	-.227	.132	.257	-.656
320	434	-.205	.126	.254	-.600
320	435	-.182	.127	.436	-.585
320	436	-.170	.127	.588	-.595
320	437	-.154	.122	.252	-.515
320	438	-.164	.125	.268	-.600
320	439	-.155	.128	.263	-.615
320	440	-.160	.129	.235	-.635
320	441	-.244	.134	.328	-.765
320	442	-.166	.125	.218	-.643
320	443	-.247	.139	.452	-.821
320	444	-.229	.139	.498	-.777
320	445	-.186	.123	.309	-.663
320	446	-.182	.118	.245	-.589
320	447	-.165	.117	.286	-.542
320	448	-.157	.114	.237	-.561

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	449	-.159	.128	.252	-.628
320	450	-.166	.126	.243	-.631
320	451	-.161	.128	.240	-.652
320	452	-.245	.140	.312	-.723
320	453	-.164	.122	.208	-.553
320	454	-.258	.143	.264	-.730
320	455	-.228	.139	.233	-.721
320	456	-.206	.134	.222	-.736
320	457	-.195	.131	.233	-.677
320	458	-.193	.126	.221	-.670
320	459	-.172	.124	.241	-.651
320	460	-.167	.122	.228	-.638
320	461	-.154	.127	.278	-.589
320	462	-.169	.126	.239	-.621
320	463	-.225	.148	.336	-.751
320	464	-.171	.134	.251	-.649
320	465	-.210	.134	.257	-.766
320	466	-.196	.140	.324	-.680
320	467	-.167	.139	.303	-.736
320	468	-.160	.137	.267	-.771
320	469	-.160	.129	.315	-.585
320	470	-.146	.123	.318	-.564
320	471	-.149	.125	.320	-.602
320	472	-.152	.128	.320	-.624
320	473	-.155	.126	.207	-.624
320	501	.121	.242	1.076	-.834
320	502	.087	.256	1.082	-.846
320	503	.049	.242	.913	-.662
320	504	-.273	.240	.606	-1.213
320	505	-.205	.219	.542	-1.039
320	506	-.175	.191	.433	-1.185
320	507	-.172	.168	.530	-1.563
320	508	-.175	.166	.346	-.880
320	509	.058	.221	.872	-.623
320	510	.021	.225	.995	-.601
320	511	-.233	.232	.626	-1.309
320	512	-.178	.132	.400	-.700
320	513	.034	.216	.845	-.702
320	514	.050	.252	1.107	-.960
320	515	-.013	.218	.917	-.715
320	516	-.225	.240	.573	-1.238
320	517	-.183	.221	.557	-1.324
320	518	-.142	.185	.507	-1.189
320	519	-.139	.147	.449	-.596
320	520	-.174	.119	.177	-.609
320	521	-.150	.237	.799	-1.162
320	522	-.174	.210	.779	-1.212
320	523	-.207	.176	.727	-.958
320	524	-.316	.249	.261	-1.666
320	525	-.273	.192	.271	-1.232

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	526	-.239	.149	.364	-1.132
320	527	-.236	.161	.270	-.905
320	528	-.263	.158	.324	-.929
320	529	-.231	.198	.570	-1.023
320	530	-.218	.138	.489	-.776
320	531	-.275	.154	.210	-1.127
320	532	-.264	.149	.169	-.983
320	533	-.206	.198	.524	-.877
320	534	-.230	.133	.229	-.733
320	535	-.261	.155	.211	-1.070
320	536	-.176	.202	.658	-.977
320	537	-.166	.160	.476	-.740
320	538	-.244	.125	.270	-.730
320	539	-.264	.146	.231	-1.078
320	540	-.262	.141	.207	-1.048
320	541	-.289	.181	.650	-1.362
320	542	-.301	.156	.572	-1.189
320	543	-.308	.157	.102	-1.275
320	544	-.286	.145	.261	-1.089
320	545	-.299	.168	.141	-1.134
320	546	-.259	.145	.153	-1.382
320	547	-.260	.146	.162	-1.249
320	548	-.255	.133	.189	-.760
320	549	-.268	.146	.292	-.857
320	550	-.257	.136	.413	-.738
320	551	-.278	.157	.300	-.990
320	552	-.258	.117	.104	-.734
320	553	-.257	.117	.105	-.857
320	554	-.280	.120	.115	-.794
320	555	-.288	.131	.251	-.878
320	556	-.230	.122	.177	-.655
320	557	-.223	.118	.151	-.690
320	558	-.223	.119	.180	-.744
320	559	-.229	.117	.144	-.649
320	560	-.252	.118	.298	-.618
320	561	-.258	.123	.439	-.756
320	562	-.267	.133	.595	-.780
320	563	-.270	.138	.578	-.904
320	564	-.275	.150	.316	-1.082
320	565	-.236	.128	.177	-.640
320	566	-.231	.129	.156	-.731
320	567	-.262	.163	.582	-1.154
320	568	-.239	.149	.278	-.825
320	569	-.204	.120	.154	-.707
320	570	-.209	.122	.156	-.734
320	571	-.210	.122	.155	-.741
320	572	-.242	.114	.149	-.646
320	573	-.241	.116	.185	-.623
320	574	-.242	.124	.400	-.807
320	575	-.251	.137	.318	-.818

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	576	-.255	.158	.304	-1.209
320	577	-.240	.154	.355	-.812
320	578	-.240	.128	.220	-.652
320	579	-.247	.128	.194	-.728
320	580	-.257	.149	.711	-.984
320	581	-.283	.125	.138	-.849
320	582	-.286	.135	.149	-.930
320	583	-.279	.133	.283	-.889
320	584	-.246	.136	.376	-.820
320	585	-.243	.129	.322	-.731
320	586	-.241	.130	.325	-.718
320	587	-.240	.128	.399	-.689
320	588	-.230	.135	.246	-.757
320	589	-.229	.141	.402	-.760
320	590	-.234	.157	.378	-.810
320	591	-.236	.163	.517	-.840
320	592	-.262	.131	.200	-.758
320	593	-.265	.129	.195	-.750
320	594	-.270	.131	.207	-.768
320	595	-.275	.139	.211	-.952
320	596	-.236	.127	.145	-.646
320	597	-.231	.124	.136	-.597
320	598	-.227	.124	.187	-.641
320	599	-.226	.124	.173	-.607
320	600	-.231	.142	.213	-.854
320	601	-.232	.154	.292	-1.012
320	602	-.235	.162	.314	-1.243
320	603	-.245	.134	.135	-.758
320	604	-.238	.137	.157	-.703
320	605	-.243	.136	.138	-.702
320	606	-.242	.135	.178	-.743
320	607	-.226	.137	.199	-.735
320	608	-.216	.129	.222	-.724
320	609	-.216	.126	.224	-.627
320	610	-.211	.127	.219	-.709
320	611	-.222	.131	.243	-.715
320	612	-.222	.131	.162	-.725
320	613	-.239	.150	.334	-.886
320	701	-.190	.136	.317	-.631
320	702	-.127	.132	.334	-.535
320	703	-.111	.130	.342	-.488
320	704	-.091	.180	.735	-.565
320	705	-.089	.119	.343	-.513
320	706	-.070	.119	.395	-.433
320	707	-.147	.113	.332	-.602
320	708	-.121	.155	.700	-.602
320	709	-.076	.191	.825	-.617
320	710	.024	.173	.743	-.546
320	711	-.076	.132	.437	-.611
320	712	-.050	.136	.458	-.466

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	713	-.129	.190	.710	-.659
320	714	-.151	.213	.656	-1.532
320	715	.013	.238	.984	-.978
320	716	-.184	.231	.710	-1.412
320	717	-.076	.174	.465	-1.147
320	718	-.048	.140	.447	-.597
320	719	-.154	.176	.674	-1.023
320	720	-.151	.188	.516	-1.068
320	721	-.063	.149	.501	-.656
320	722	-.030	.139	.486	-.546
320	723	-.130	.151	.586	-.621
320	724	-.090	.150	.601	-.530
320	725	-.109	.173	.558	-1.081
320	726	-.071	.146	.517	-.777
320	727	-.045	.139	.443	-.514
320	728	-.190	.209	.582	-1.125
320	801	-.036	.119	.358	-.440
320	802	-.049	.117	.361	-.495
330	101	-.139	.153	.405	-.746
330	102	-.048	.151	.487	-.610
330	103	.033	.158	.613	-.618
330	104	-.004	.225	.745	-1.182
330	105	-.170	.300	.894	-1.315
330	106	-.218	.155	.287	-.835
330	107	-.172	.281	.884	-1.143
330	108	-.207	.145	.290	-.723
330	109	-.132	.139	.418	-.610
330	110	-.042	.148	.550	-.561
330	111	-.045	.186	.614	-.751
330	112	-.091	.230	.708	-.918
330	113	.026	.204	.691	-.851
330	114	.080	.181	.678	-.884
330	115	.086	.196	.707	-.559
330	116	.028	.245	1.085	-1.184
330	117	-.219	.129	.264	-.781
330	118	.036	.196	.849	-.729
330	119	-.139	.126	.308	-.658
330	120	.047	.144	.578	-.553
330	121	.129	.174	.771	-.388
330	122	.156	.188	.870	-.396
330	123	.148	.195	.898	-.450
330	124	-.224	.132	.313	-.746
330	125	-.175	.127	.278	-.560
330	126	-.143	.135	.342	-.677
330	127	-.180	.135	.356	-.735
330	128	-.179	.149	.345	-.752
330	129	-.187	.185	.430	-.870
330	130	-.140	.206	.522	-.901
330	131	-.076	.210	.542	-.857
330	132	-.068	.210	.781	-.992
330	133	-.060	.210	.819	-.844
330	134	-.204	.127	.229	-.725
330	135	-.081	.148	.565	-.615
330	136	-.195	.122	.227	-.642
330	137	-.183	.134	.282	-.593
330	138	-.065	.154	.561	-.544
330	139	-.139	.136	.441	-.562
330	140	-.169	.125	.234	-.684
330	141	-.156	.133	.216	-.626
330	142	-.142	.133	.249	-.645
330	143	-.124	.120	.354	-.704
330	144	-.110	.133	.284	-.548
330	145	-.110	.120	.270	-.508
330	146	-.100	.121	.313	-.483
330	147	-.080	.129	.417	-.548
330	148	-.082	.139	.562	-.566
330	149	-.096	.154	.478	-.682
330	150	-.192	.118	.152	-.696
330	151	-.068	.156	.444	-.576
330	152	-.133	.124	.277	-.621
330	153	-.191	.112	.145	-.528
330	154	-.165	.113	.194	-.491
330	155	-.126	.118	.288	-.472
330	156	-.109	.123	.339	-.472
330	157	-.104	.130	.352	-.536
330	158	-.100	.129	.341	-.532
330	159	-.084	.134	.362	-.516
330	160	-.060	.141	.543	-.494
330	161	-.035	.154	.647	-.509
330	162	-.039	.156	.563	-.547
330	163	-.196	.127	.286	-.586
330	164	-.092	.155	.482	-.548
330	165	-.156	.118	.268	-.538
330	166	-.192	.119	.217	-.579
330	167	-.156	.117	.277	-.557
330	168	-.126	.119	.322	-.493
330	169	-.141	.114	.231	-.506
330	170	-.136	.115	.254	-.510
330	171	-.128	.116	.259	-.505
330	172	-.127	.122	.303	-.497
330	173	-.118	.119	.280	-.467
330	174	-.130	.119	.263	-.489
330	175	-.150	.125	.301	-.550
330	176	-.087	.108	.265	-.494
330	201	-.237	.139	.266	-.723
330	202	-.226	.143	.288	-.762
330	203	-.284	.161	.213	-.965
330	204	-.297	.165	.183	-1.055
330	205	-.325	.141	.048	-.914
330	206	-.343	.191	.161	-1.291
330	207	-.369	.187	.231	-1.251
330	208	-.249	.133	.273	-.696
330	209	-.241	.140	.299	-.809
330	210	-.240	.151	.287	-1.041
330	211	-.351	.163	.171	-.938
330	212	-.250	.135	.228	-.828
330	213	-.249	.144	.248	-.879
330	214	-.270	.151	.172	-.916
330	215	-.255	.138	.231	-.816
330	216	-.310	.157	.188	-.949
330	217	-.297	.144	.155	-.822
330	218	-.292	.148	.162	-1.137
330	219	-.221	.117	.165	-.594
330	220	-.246	.139	.194	-.770
330	221	-.260	.143	.200	-.806
330	222	-.246	.129	.155	-.744
330	223	-.221	.126	.173	-.728
330	224	-.229	.128	.188	-.784
330	225	-.249	.150	.198	-.961
330	226	-.253	.144	.169	-.869
330	227	-.291	.151	.238	-.967
330	228	-.284	.153	.231	-1.058
330	229	-.279	.153	.212	-1.017
330	230	-.175	.128	.341	-.675
330	231	-.203	.139	.286	-.694
330	232	-.201	.142	.296	-.696
330	233	-.213	.145	.286	-.728
330	234	-.205	.118	.228	-.640
330	235	-.224	.124	.214	-.741
330	236	-.208	.124	.329	-.827
330	237	-.189	.122	.213	-.621
330	238	-.266	.153	.242	-1.140
330	239	-.167	.119	.301	-.621
330	240	-.166	.121	.254	-.700
330	241	-.124	.112	.235	-.584
330	242	-.185	.117	.203	-.682
330	243	-.183	.115	.202	-.575
330	244	-.193	.121	.209	-.627
330	245	-.191	.118	.205	-.604
330	246	-.178	.134	.249	-.607
330	247	-.191	.133	.203	-.707
330	248	-.200	.134	.250	-.640
330	249	-.179	.134	.225	-.638
330	250	-.191	.134	.292	-.756
330	251	-.205	.133	.280	-.702
330	252	-.202	.136	.261	-.695
330	253	-.190	.128	.280	-.680
330	254	-.177	.110	.150	-.631
330	255	-.167	.123	.271	-.604
330	256	-.192	.099	.099	-.623

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	257	-.187	.117	.225	-.638
330	258	-.189	.113	.152	-.651
330	259	-.170	.124	.262	-.618
330	260	-.187	.111	.148	-.632
330	261	-.185	.112	.140	-.642
330	262	-.159	.115	.221	-.586
330	263	-.193	.117	.227	-.621
330	264	-.170	.117	.223	-.606
330	265	-.172	.119	.237	-.604
330	266	-.181	.123	.251	-.621
330	267	-.193	.121	.224	-.648
330	268	-.164	.122	.280	-.596
330	269	-.171	.124	.233	-.610
330	270	-.176	.116	.293	-.631
330	271	-.225	.119	.258	-.723
330	272	-.153	.114	.308	-.525
330	273	-.200	.123	.231	-.736
330	274	-.244	.140	.147	-.819
330	275	-.182	.118	.152	-.614
330	276	-.180	.119	.178	-.634
330	277	-.183	.115	.149	-.607
330	278	-.190	.112	.182	-.602
330	279	-.183	.110	.192	-.591
330	280	-.172	.112	.238	-.588
330	281	-.129	.110	.276	-.534
330	282	-.170	.134	.231	-.622
330	283	-.179	.133	.231	-.623
330	284	-.183	.135	.234	-.628
330	285	-.164	.124	.274	-.581
330	286	-.168	.133	.286	-.605
330	287	-.175	.132	.274	-.641
330	288	-.178	.116	.195	-.561
330	289	-.176	.131	.270	-.615
330	290	-.171	.122	.361	-.554
330	291	-.161	.121	.373	-.526
330	292	-.141	.122	.393	-.534
330	293	-.163	.122	.371	-.552
330	294	-.172	.115	.179	-.512
330	295	-.176	.113	.162	-.514
330	296	-.186	.121	.184	-.620
330	297	-.212	.129	.182	-.656
330	298	-.129	.117	.234	-.524
330	299	-.117	.120	.281	-.548
330	300	-.104	.119	.294	-.589
330	301	-.107	.118	.241	-.577
330	302	-.084	.116	.337	-.495
330	303	-.074	.116	.326	-.476
330	304	-.067	.118	.316	-.483
330	401	-.236	.131	.213	-.901
330	402	-.232	.131	.216	-.881
330	403	-.228	.140	.241	-.854
330	404	-.220	.139	.229	-.973
330	405	-.230	.153	.230	-1.100
330	406	-.240	.149	.252	-.840
330	407	-.243	.138	.187	-.728
330	408	-.249	.144	.229	-.901
330	409	-.307	.203	.183	-2.198
330	410	-.300	.185	.217	-1.666
330	411	-.282	.173	.273	-1.139
330	412	-.269	.164	.217	-.934
330	413	-.244	.137	.204	-.841
330	414	-.242	.130	.216	-.798
330	415	-.239	.130	.210	-.808
330	416	-.231	.125	.196	-.777
330	417	-.237	.133	.149	-.838
330	418	-.248	.134	.178	-1.041
330	419	-.309	.183	.157	-1.248
330	420	-.240	.128	.202	-.738
330	421	-.271	.111	.059	-.590
330	422	-.271	.147	.193	-1.144
330	423	-.264	.139	.190	-.868
330	424	-.249	.133	.191	-.744
330	425	-.240	.129	.136	-.671
330	426	-.235	.125	.112	-.718
330	427	-.231	.125	.111	-.650
330	428	-.225	.125	.112	-.653
330	429	-.245	.138	.260	-.693
330	430	-.244	.146	.252	-1.154
330	431	-.221	.133	.271	-.653
330	432	-.222	.137	.256	-1.248
330	433	-.212	.130	.203	-.814
330	434	-.203	.124	.216	-.639
330	435	-.202	.125	.198	-.617
330	436	-.193	.124	.216	-.630
330	437	-.201	.114	.219	-.609
330	438	-.172	.116	.214	-.532
330	439	-.168	.116	.201	-.552
330	440	-.166	.116	.209	-.540
330	441	-.214	.113	.201	-.658
330	442	-.174	.109	.190	-.523
330	443	-.215	.116	.193	-.602
330	444	-.202	.115	.215	-.577
330	445	-.195	.109	.194	-.532
330	446	-.188	.106	.190	-.531
330	447	-.187	.107	.202	-.523
330	448	-.178	.106	.209	-.534
330	449	-.186	.127	.234	-.631
330	450	-.181	.124	.222	-.633
330	451	-.188	.126	.227	-.638
330	452	-.221	.134	.353	-.826
330	453	-.175	.115	.166	-.593
330	454	-.215	.121	.151	-.712
330	455	-.213	.121	.145	-.628
330	456	-.198	.119	.184	-.648
330	457	-.187	.125	.184	-.607
330	458	-.181	.122	.175	-.600
330	459	-.181	.123	.169	-.611
330	460	-.169	.121	.171	-.593
330	461	-.156	.115	.233	-.674
330	462	-.159	.113	.219	-.717
330	463	-.194	.120	.224	-.601
330	464	-.164	.113	.240	-.568
330	465	-.182	.127	.304	-.640
330	466	-.196	.126	.258	-.597
330	467	-.193	.126	.260	-.604
330	468	-.185	.123	.242	-.576
330	469	-.169	.114	.263	-.521
330	470	-.160	.112	.278	-.526
330	471	-.161	.115	.255	-.543
330	472	-.164	.119	.257	-.573
330	473	-.182	.122	.222	-.696
330	501	-.165	.206	.936	-.409
330	502	.178	.216	1.066	-.482
330	503	.186	.230	1.274	-.575
330	504	-.188	.320	.827	-1.230
330	505	-.068	.253	.696	-1.039
330	506	-.048	.174	.586	-.878
330	507	-.095	.150	.483	-.585
330	508	-.127	.133	.365	-.602
330	509	.221	.196	.944	-.349
330	510	.266	.218	1.319	-.350
330	511	-.183	.303	.929	-1.146
330	512	-.178	.134	.344	-.636
330	513	.148	.206	1.003	-.480
330	514	.243	.216	1.099	-.371
330	515	.183	.223	.994	-.380
330	516	-.116	.330	.965	-1.467
330	517	-.029	.266	.960	-1.290
330	518	.004	.177	.803	-.792
330	519	-.074	.149	.495	-.656
330	520	-.236	.155	.278	-1.007
330	521	.176	.230	1.186	-.573
330	522	.162	.243	1.268	-.631
330	523	.085	.240	1.180	-.741
330	524	-.438	.390	.753	-2.561
330	525	-.221	.241	.661	-1.385
330	526	-.188	.194	.624	-.951
330	527	-.183	.182	.474	-1.145
330	528	-.248	.188	.507	-1.113
330	529	.104	.195	.900	-.785

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	530	-.078	.182	.614	-.623
330	531	-.445	.261	.414	-1.439
330	532	-.290	.178	.301	-.968
330	533	.085	.190	.771	-.417
330	534	-.174	.194	.635	-.880
330	535	-.438	.231	.229	-1.309
330	536	.074	.203	.813	-.742
330	537	.023	.178	.714	-.600
330	538	-.232	.160	.361	-.804
330	539	-.444	.227	.299	-1.349
330	540	-.392	.209	.325	-1.169
330	541	-.102	.229	.776	-1.297
330	542	-.242	.220	.542	-1.409
330	543	-.446	.244	.411	-1.665
330	544	-.383	.218	.291	-1.730
330	545	-.414	.223	.503	-1.483
330	546	-.401	.202	.300	-1.316
330	547	-.365	.200	.432	-1.248
330	548	-.297	.160	.204	-.899
330	549	-.252	.156	.469	-.976
330	550	-.255	.134	.181	-.713
330	551	-.147	.162	.555	-.851
330	552	-.224	.144	.169	-.886
330	553	-.324	.181	.118	-1.402
330	554	-.206	.133	.227	-.673
330	555	-.165	.159	.441	-.794
330	556	-.220	.130	.203	-.657
330	557	-.283	.146	.181	-.961
330	558	-.276	.147	.204	-.952
330	559	-.244	.133	.223	-.792
330	560	-.235	.128	.186	-.669
330	561	-.218	.123	.208	-.616
330	562	-.213	.123	.232	-.748
330	563	-.219	.125	.220	-.917
330	564	-.168	.159	.546	-.783
330	565	-.214	.121	.286	-.642
330	566	-.258	.127	.150	-.721
330	567	-.229	.124	.179	-.679
330	568	-.135	.163	.593	-.831
330	569	-.191	.128	.227	-.639
330	570	-.222	.132	.250	-.797
330	571	-.225	.134	.248	-.794
330	572	-.238	.140	.172	-.813
330	573	-.232	.133	.287	-.735
330	574	-.214	.130	.258	-.667
330	575	-.211	.130	.303	-.619
330	576	-.213	.120	.198	-.638
330	577	-.141	.151	.496	-.745
330	578	-.189	.123	.259	-.685
330	579	-.250	.133	.212	-.794

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	580	-.202	.127	.248	-.703
330	581	-.272	.133	.199	-.853
330	582	-.251	.144	.237	-.990
330	583	-.225	.147	.409	-1.004
330	584	-.204	.144	.332	-.716
330	585	-.261	.149	.166	-.917
330	586	-.239	.143	.189	-.842
330	587	-.211	.133	.229	-.608
330	588	-.197	.124	.204	-.622
330	589	-.194	.127	.214	-.655
330	590	-.186	.130	.223	-.632
330	591	-.189	.131	.218	-.635
330	592	-.232	.124	.246	-.693
330	593	-.235	.123	.236	-.675
330	594	-.233	.124	.241	-.663
330	595	-.232	.126	.250	-.671
330	596	-.213	.119	.176	-.638
330	597	-.211	.116	.176	-.626
330	598	-.198	.115	.171	-.627
330	599	-.193	.115	.176	-.604
330	600	-.197	.120	.230	-.629
330	601	-.200	.121	.230	-.659
330	602	-.195	.123	.233	-.718
330	603	-.212	.117	.205	-.657
330	604	-.218	.121	.168	-.720
330	605	-.223	.120	.164	-.700
330	606	-.215	.118	.144	-.677
330	607	-.205	.120	.175	-.676
330	608	-.204	.108	.158	-.621
330	609	-.204	.108	.172	-.598
330	610	-.193	.107	.176	-.572
330	611	-.194	.118	.186	-.624
330	612	-.192	.124	.186	-.585
330	613	-.190	.124	.259	-.663
330	701	-.104	.126	.457	-.521
330	702	-.092	.116	.348	-.502
330	703	-.106	.109	.284	-.466
330	704	.088	.158	.970	-.401
330	705	-.137	.129	.317	-1.047
330	706	-.091	.127	.520	-.505
330	707	-.160	.116	.318	-.594
330	708	.050	.176	.774	-.428
330	709	.123	.195	.804	-.498
330	710	.081	.163	.660	-.562
330	711	-.136	.137	.329	-.700
330	712	-.072	.140	.416	-.617
330	713	.133	.194	1.441	-.426
330	714	-.020	.194	.639	-.938
330	715	-.211	.181	.858	-.601
330	716	-.373	.212	.395	-1.159

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	717	-.150	.171	.429	-.911
330	718	-.093	.144	.441	-.726
330	719	-.060	.195	.731	-.745
330	720	-.303	.225	.594	-1.303
330	721	-.063	.134	.440	-.550
330	722	-.028	.124	.487	-.454
330	723	.027	.151	.627	-.475
330	724	.034	.148	.555	-.502
330	725	.014	.167	.695	-.504
330	726	-.078	.129	.354	-.555
330	727	-.044	.119	.379	-.472
330	728	-.350	.207	.598	-1.366
330	801	-.076	.106	.225	-.505
330	802	-.089	.129	.374	-.593
340	101	-.174	.139	.284	-.648
340	102	-.100	.146	.401	-.604
340	103	-.046	.169	.582	-.588
340	104	-.028	.222	.754	-.998
340	105	-.048	.248	.727	-1.083
340	106	-.194	.129	.335	-.683
340	107	-.054	.253	.871	-1.028
340	108	-.195	.125	.214	-.685
340	109	-.118	.136	.456	-.663
340	110	-.034	.160	.612	-.617
340	111	-.044	.185	.804	-.749
340	112	-.028	.211	.820	-.885
340	113	-.025	.201	.740	-.737
340	114	-.011	.193	.856	-.683
340	115	-.010	.214	1.061	-.720
340	116	-.032	.260	1.066	-1.125
340	117	-.201	.133	.209	-.680
340	118	-.071	.200	.705	-.818
340	119	-.116	.141	.578	-.594
340	120	-.045	.157	.478	-.503
340	121	-.053	.165	.717	-.583
340	122	-.055	.168	.582	-.593
340	123	-.076	.170	.561	-.665
340	124	-.215	.125	.263	-.752
340	125	-.168	.130	.256	-.614
340	126	-.116	.136	.471	-.675
340	127	-.139	.143	.471	-.841
340	128	-.149	.149	.363	-.756
340	129	-.138	.167	.505	-.859
340	130	-.124	.175	.548	-.796
340	131	-.124	.173	.604	-.923
340	132	-.134	.183	.628	-.833
340	133	-.140	.184	.679	-.864
340	134	-.186	.115	.218	-.605
340	135	-.165	.129	.491	-.582
340	136	-.212	.114	.243	-.602

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	137	-.226	.139	.269	-.761
340	138	-.134	.144	.409	-.598
340	139	-.152	.140	.313	-.628
340	140	-.196	.125	.286	-.687
340	141	-.153	.131	.466	-.821
340	142	-.132	.135	.514	-.854
340	143	-.150	.135	.480	-.606
340	144	-.109	.144	.496	-.491
340	145	-.136	.129	.565	-.541
340	146	-.133	.128	.562	-.547
340	147	-.136	.130	.568	-.501
340	148	-.149	.128	.392	-.533
340	149	-.152	.144	.528	-.629
340	150	-.192	.115	.197	-.577
340	151	-.115	.154	.591	-.544
340	152	-.143	.118	.237	-.646
340	153	-.204	.115	.273	-.587
340	154	-.164	.115	.316	-.549
340	155	-.124	.124	.349	-.541
340	156	-.099	.132	.439	-.561
340	157	-.096	.138	.456	-.608
340	158	-.089	.136	.429	-.556
340	159	-.087	.143	.414	-.586
340	160	-.070	.148	.439	-.533
340	161	-.056	.148	.598	-.505
340	162	-.061	.148	.582	-.516
340	163	-.215	.115	.252	-.674
340	164	-.119	.135	.442	-.527
340	165	-.149	.113	.330	-.515
340	166	-.180	.113	.288	-.523
340	167	-.151	.112	.343	-.500
340	168	-.107	.120	.406	-.509
340	169	-.116	.123	.395	-.503
340	170	-.098	.126	.347	-.494
340	171	-.101	.129	.358	-.497
340	172	-.094	.134	.443	-.504
340	173	-.110	.129	.348	-.472
340	174	-.121	.121	.344	-.460
340	175	-.148	.118	.319	-.495
340	176	-.116	.107	.248	-.429
340	201	-.211	.121	.213	-.652
340	202	-.225	.138	.249	-.733
340	203	-.245	.153	.213	-.920
340	204	-.250	.155	.244	-.989
340	205	-.294	.133	.080	-.798
340	206	-.341	.183	.146	-1.357
340	207	-.349	.171	.089	-1.114
340	208	-.223	.118	.124	-.645
340	209	-.219	.120	.189	-.636
340	210	-.218	.140	.228	-.922

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	211	-.331	.156	.187	-.902
340	212	-.238	.125	.239	-.720
340	213	-.236	.127	.268	-.719
340	214	-.246	.157	.340	-1.009
340	215	-.221	.137	.199	-1.090
340	216	-.265	.150	.234	-1.001
340	217	-.272	.134	.147	-.796
340	218	-.270	.132	.135	-.782
340	219	-.224	.128	.158	-.675
340	220	-.217	.127	.203	-.768
340	221	-.233	.158	.233	-.933
340	222	-.273	.150	.207	-.958
340	223	-.232	.133	.185	-.783
340	224	-.232	.132	.199	-.671
340	225	-.226	.151	.228	-.918
340	226	-.229	.145	.221	-.753
340	227	-.268	.153	.145	-1.078
340	228	-.290	.157	.180	-1.072
340	229	-.296	.157	.157	-1.334
340	230	-.157	.131	.274	-.888
340	231	-.146	.142	.491	-.721
340	232	-.153	.142	.404	-.663
340	233	-.167	.145	.318	-.673
340	234	-.218	.115	.190	-.692
340	235	-.229	.117	.175	-.745
340	236	-.204	.125	.188	-.859
340	237	-.184	.126	.260	-.609
340	238	-.256	.133	.126	-.802
340	239	-.178	.133	.441	-.626
340	240	-.181	.133	.460	-.671
340	241	-.163	.130	.529	-.639
340	242	-.206	.127	.221	-.577
340	243	-.217	.119	.145	-.624
340	244	-.204	.129	.235	-.701
340	245	-.205	.127	.217	-.629
340	246	-.198	.118	.234	-.593
340	247	-.209	.117	.205	-.674
340	248	-.224	.136	.213	-.744
340	249	-.208	.121	.212	-.671
340	250	-.217	.129	.262	-.751
340	251	-.223	.128	.263	-.703
340	252	-.227	.133	.266	-.696
340	253	-.214	.124	.230	-.629
340	254	-.192	.127	.267	-.580
340	255	-.206	.126	.226	-.637
340	256	-.201	.114	.160	-.554
340	257	-.214	.130	.314	-.632
340	258	-.206	.120	.255	-.566
340	259	-.200	.126	.237	-.690
340	260	-.214	.121	.254	-.598

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	261	-.216	.122	.249	-.606
340	262	-.195	.131	.250	-.669
340	263	-.218	.132	.186	-.706
340	264	-.211	.133	.203	-.696
340	265	-.214	.133	.198	-.703
340	266	-.222	.115	.164	-.596
340	267	-.231	.113	.160	-.641
340	268	-.189	.111	.181	-.524
340	269	-.198	.126	.216	-.642
340	270	-.213	.121	.207	-.619
340	271	-.278	.133	.187	-.846
340	272	-.180	.118	.218	-.560
340	273	-.238	.141	.215	-.861
340	274	-.295	.159	.173	-.969
340	275	-.185	.121	.215	-.697
340	276	-.187	.123	.225	-.713
340	277	-.189	.119	.213	-.681
340	278	-.180	.120	.169	-.576
340	279	-.169	.117	.201	-.549
340	280	-.163	.118	.209	-.542
340	281	-.122	.115	.250	-.500
340	282	-.185	.111	.217	-.596
340	283	-.189	.110	.217	-.632
340	284	-.197	.112	.209	-.643
340	285	-.187	.115	.167	-.607
340	286	-.191	.114	.196	-.609
340	287	-.192	.113	.197	-.594
340	288	-.196	.097	.090	-.535
340	289	-.193	.113	.191	-.603
340	290	-.193	.118	.221	-.650
340	291	-.183	.116	.238	-.581
340	292	-.173	.117	.263	-.571
340	293	-.188	.119	.252	-.603
340	294	-.177	.127	.182	-.609
340	295	-.176	.125	.173	-.594
340	296	-.180	.132	.211	-.646
340	297	-.202	.136	.196	-.711
340	298	-.144	.119	.237	-.519
340	299	-.137	.123	.279	-.524
340	300	-.130	.123	.279	-.505
340	301	-.134	.123	.326	-.489
340	302	-.121	.123	.379	-.609
340	303	-.110	.120	.371	-.564
340	304	-.111	.122	.372	-.556
340	401	-.237	.123	.140	-.849
340	402	-.223	.121	.125	-.821
340	403	-.219	.123	.170	-.900
340	404	-.220	.120	.178	-1.025
340	405	-.216	.129	.178	-.671
340	406	-.214	.128	.175	-.697

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	407	-.222	.125	.167	-.642
340	408	-.228	.125	.132	-.624
340	409	-.240	.130	.158	-.984
340	410	-.228	.127	.160	-.904
340	411	-.223	.127	.170	-.810
340	412	-.226	.127	.139	-.838
340	413	-.206	.131	.225	-.637
340	414	-.198	.129	.226	-.620
340	415	-.204	.129	.233	-.635
340	416	-.209	.129	.205	-.640
340	417	-.237	.111	.093	-.567
340	418	-.234	.113	.100	-.582
340	419	-.244	.122	.188	-.687
340	420	-.240	.112	.115	-.614
340	421	-.243	.099	.008	-.644
340	422	-.231	.123	.160	-.808
340	423	-.229	.122	.193	-1.043
340	424	-.226	.120	.192	-.817
340	425	-.230	.121	.129	-.663
340	426	-.216	.118	.136	-.653
340	427	-.220	.120	.169	-.656
340	428	-.223	.121	.162	-.653
340	429	-.229	.118	.193	-.735
340	430	-.207	.117	.205	-.758
340	431	-.214	.119	.204	-.646
340	432	-.215	.116	.187	-.650
340	433	-.213	.119	.174	-.633
340	434	-.197	.117	.170	-.598
340	435	-.203	.118	.186	-.631
340	436	-.202	.118	.191	-.612
340	437	-.208	.119	.196	-.621
340	438	-.204	.108	.094	-.596
340	439	-.212	.110	.107	-.616
340	440	-.219	.112	.122	-.649
340	441	-.222	.114	.113	-.626
340	442	-.193	.115	.134	-.596
340	443	-.218	.113	.098	-.616
340	444	-.215	.113	.108	-.616
340	445	-.208	.118	.117	-.583
340	446	-.194	.116	.148	-.552
340	447	-.195	.118	.136	-.561
340	448	-.193	.118	.138	-.573
340	449	-.207	.117	.123	-.600
340	450	-.197	.116	.127	-.604
340	451	-.205	.118	.125	-.636
340	452	-.226	.121	.135	-.626
340	453	-.209	.109	.158	-.660
340	454	-.219	.111	.143	-.634
340	455	-.219	.113	.154	-.660
340	456	-.215	.113	.190	-.657

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	457	-.221	.119	.140	-.630
340	458	-.208	.118	.140	-.629
340	459	-.206	.119	.137	-.624
340	460	-.203	.117	.128	-.586
340	461	-.210	.117	.250	-.620
340	462	-.199	.116	.265	-.595
340	463	-.228	.121	.215	-.698
340	464	-.211	.121	.257	-.649
340	465	-.195	.118	.185	-.606
340	466	-.213	.112	.142	-.608
340	467	-.215	.113	.145	-.626
340	468	-.212	.113	.148	-.637
340	469	-.212	.106	.089	-.609
340	470	-.202	.102	.111	-.586
340	471	-.204	.103	.120	-.572
340	472	-.205	.103	.181	-.544
340	473	-.173	.133	.240	-.639
340	501	.052	.248	.863	-.852
340	502	-.005	.230	.778	-.918
340	503	-.020	.217	.879	-.876
340	504	-.335	.231	.489	-1.157
340	505	-.278	.233	.467	-1.157
340	506	-.213	.188	.399	-1.030
340	507	-.194	.151	.434	-.770
340	508	-.205	.128	.200	-.673
340	509	.078	.241	1.235	-.799
340	510	.022	.210	.871	-.554
340	511	-.362	.248	.607	-1.343
340	512	-.187	.117	.265	-.563
340	513	.021	.227	1.064	-.597
340	514	.008	.230	.956	-.830
340	515	-.057	.200	1.071	-.699
340	516	-.269	.243	.555	-1.430
340	517	-.215	.220	.503	-1.365
340	518	-.155	.170	.446	-.863
340	519	-.144	.133	.344	-.601
340	520	-.218	.121	.203	-.682
340	521	-.028	.225	.840	-.881
340	522	-.033	.215	.797	-.661
340	523	-.079	.208	.842	-.758
340	524	-.403	.255	.411	-1.923
340	525	-.324	.216	.382	-1.364
340	526	-.225	.162	.542	-.860
340	527	-.211	.140	.313	-.701
340	528	-.235	.143	.303	-.737
340	529	-.086	.211	.910	-.789
340	530	-.143	.167	.584	-.689
340	531	-.331	.188	.173	-1.232
340	532	-.234	.132	.185	-.739
340	533	-.106	.178	.618	-.859

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	534	-.187	.146	.473	-.702
340	535	-.342	.179	.151	-1.062
340	536	-.116	.175	.741	-.918
340	537	-.111	.155	.683	-.570
340	538	-.234	.139	.345	-.766
340	539	-.340	.175	.230	-1.116
340	540	-.315	.165	.221	-1.058
340	541	-.167	.169	.586	-.942
340	542	-.212	.153	.475	-.946
340	543	-.325	.186	.245	-1.374
340	544	-.274	.141	.231	-.935
340	545	-.323	.165	.151	-1.323
340	546	-.323	.156	.164	-1.052
340	547	-.309	.154	.184	-1.128
340	548	-.234	.129	.139	-.820
340	549	-.265	.134	.249	-.820
340	550	-.219	.121	.148	-.688
340	551	-.233	.167	.449	-1.483
340	552	-.242	.123	.164	-.778
340	553	-.268	.130	.155	-.831
340	554	-.221	.114	.156	-.603
340	555	-.257	.168	.242	-1.249
340	556	-.247	.123	.151	-.682
340	557	-.276	.135	.164	-.820
340	558	-.280	.136	.160	-.874
340	559	-.256	.126	.167	-.791
340	560	-.231	.120	.139	-.668
340	561	-.213	.115	.205	-.635
340	562	-.218	.113	.164	-.570
340	563	-.216	.116	.171	-.581
340	564	-.226	.166	.387	-.914
340	565	-.222	.123	.214	-.660
340	566	-.273	.132	.124	-1.021
340	567	-.223	.118	.175	-.628
340	568	-.176	.160	.425	-.852
340	569	-.222	.117	.166	-.620
340	570	-.278	.135	.116	-.934
340	571	-.277	.137	.117	-1.015
340	572	-.249	.130	.182	-1.234
340	573	-.227	.120	.203	-.794
340	574	-.215	.116	.197	-.703
340	575	-.205	.112	.209	-.595
340	576	-.216	.116	.156	-.661
340	577	-.205	.152	.365	-.820
340	578	-.224	.125	.279	-.659
340	579	-.286	.139	.119	-.990
340	580	-.207	.106	.176	-.554
340	581	-.261	.116	.151	-.668
340	582	-.249	.124	.210	-.758
340	583	-.240	.123	.248	-.730

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	584	-.230	.129	.277	-.741
340	585	-.253	.128	.265	-.909
340	586	-.242	.126	.311	-.769
340	587	-.214	.120	.325	-.613
340	588	-.206	.117	.245	-.647
340	589	-.198	.117	.271	-.630
340	590	-.197	.117	.255	-.532
340	591	-.198	.117	.261	-.525
340	592	-.224	.108	.139	-.587
340	593	-.222	.107	.141	-.589
340	594	-.221	.107	.147	-.588
340	595	-.209	.108	.176	-.583
340	596	-.217	.115	.191	-.599
340	597	-.211	.113	.199	-.574
340	598	-.203	.113	.213	-.547
340	599	-.198	.113	.213	-.539
340	600	-.213	.124	.250	-.609
340	601	-.210	.123	.263	-.636
340	602	-.213	.123	.249	-.638
340	603	-.227	.124	.250	-.624
340	604	-.243	.117	.152	-.676
340	605	-.242	.116	.143	-.672
340	606	-.237	.115	.143	-.661
340	607	-.228	.116	.155	-.663
340	608	-.190	.127	.251	-.597
340	609	-.186	.126	.254	-.590
340	610	-.181	.126	.238	-.603
340	611	-.190	.112	.189	-.589
340	612	-.184	.115	.178	-.610
340	613	-.192	.114	.185	-.618
340	701	-.118	.135	.355	-.529
340	702	-.088	.131	.503	-.484
340	703	-.119	.121	.442	-.535
340	704	-.025	.177	.875	-.681
340	705	-.176	.133	.260	-.690
340	706	-.156	.130	.263	-.679
340	707	-.193	.120	.171	-.708
340	708	-.117	.150	.548	-.611
340	709	-.046	.175	.750	-.595
340	710	-.024	.160	.783	-.516
340	711	-.158	.127	.298	-.611
340	712	-.133	.128	.348	-.521
340	713	-.043	.169	.587	-.596
340	714	-.208	.182	.382	-.968
340	715	-.036	.222	.775	-1.164
340	716	-.435	.235	.282	-1.656
340	717	-.310	.183	.553	-1.145
340	718	-.248	.164	.511	-1.076
340	719	-.230	.176	.421	-.887
340	720	-.392	.200	.343	-1.386

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	721	-.186	.155	.338	-1.249
340	722	-.147	.150	.388	-1.223
340	723	-.117	.160	.492	-.663
340	724	-.083	.153	.487	-.606
340	725	-.140	.157	.453	-.841
340	726	-.163	.133	.288	-.718
340	727	-.151	.130	.274	-.742
340	728	-.425	.208	.206	-1.227
340	801	-.133	.109	.225	-.450
340	802	-.126	.114	.308	-.549
350	101	-.173	.151	.482	-.683
350	102	-.088	.160	.612	-.595
350	103	-.002	.185	.636	-.670
350	104	.080	.223	.980	-.654
350	105	.102	.247	.977	-.849
350	106	-.187	.140	.393	-.719
350	107	.179	.265	1.059	-.849
350	108	-.181	.139	.361	-.737
350	109	-.080	.151	.482	-.604
350	110	.060	.176	.701	-.508
350	111	.148	.212	1.140	-.584
350	112	.143	.212	.957	-.615
350	113	.108	.210	1.010	-.638
350	114	.095	.214	1.027	-.616
350	115	.112	.242	1.179	-.758
350	116	.071	.247	.964	-.717
350	117	-.183	.138	.280	-.849
350	118	.055	.248	1.015	-.639
350	119	-.019	.153	.573	-.562
350	120	.045	.183	.628	-.664
350	121	.068	.217	.898	-.570
350	122	.036	.229	.932	-.598
350	123	-.005	.227	1.008	-.639
350	124	-.202	.135	.302	-.603
350	125	-.119	.135	.477	-.595
350	126	-.017	.154	.819	-.474
350	127	-.046	.160	.660	-.637
350	128	-.020	.155	.512	-.676
350	129	.023	.176	.731	-.688
350	130	.065	.193	.805	-.841
350	131	.073	.201	1.008	-.607
350	132	.031	.213	.966	-.556
350	133	.010	.216	.894	-.610
350	134	-.191	.132	.289	-.654
350	135	-.006	.197	.856	-.726
350	136	-.276	.138	.202	-.764
350	137	-.266	.133	.106	-.770
350	138	-.056	.170	.720	-.587
350	139	-.081	.158	.734	-.571
350	140	-.200	.124	.255	-.683

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	141	-.132	.140	.366	-.684
350	142	-.070	.147	.487	-.607
350	143	-.050	.147	.578	-.524
350	144	.020	.158	.668	-.531
350	145	.012	.158	.751	-.465
350	146	.036	.164	.882	-.461
350	147	.051	.173	.911	-.501
350	148	.020	.177	.834	-.528
350	149	-.018	.180	.701	-.713
350	150	-.204	.118	.248	-.719
350	151	-.010	.176	.728	-.571
350	152	-.196	.131	.225	-.847
350	153	-.213	.115	.141	-.658
350	154	-.147	.116	.261	-.538
350	155	-.050	.126	.463	-.508
350	156	.000	.137	.599	-.478
350	157	.035	.146	.535	-.505
350	158	.040	.146	.559	-.490
350	159	.066	.154	.603	-.488
350	160	.079	.161	.622	-.457
350	161	.076	.183	.920	-.468
350	162	.043	.184	.903	-.538
350	163	-.255	.130	.151	-.700
350	164	.009	.176	.732	-.577
350	165	-.165	.128	.364	-.607
350	166	-.273	.129	.179	-.779
350	167	-.170	.121	.212	-.617
350	168	-.053	.132	.451	-.583
350	169	.011	.147	.575	-.425
350	170	.057	.155	.663	-.414
350	171	.069	.158	.662	-.407
350	172	.095	.170	.812	-.441
350	173	.059	.153	.695	-.396
350	174	.022	.145	.685	-.398
350	175	-.046	.136	.590	-.466
350	176	-.122	.114	.281	-.472
350	201	-.252	.123	.143	-.817
350	202	-.251	.159	.241	-.842
350	203	-.298	.180	.222	-1.389
350	204	-.300	.170	.265	-1.109
350	205	-.343	.124	.104	-.849
350	206	-.349	.162	.198	-1.032
350	207	-.350	.168	.263	-1.345
350	208	-.248	.134	.175	-.736
350	209	-.240	.134	.172	-.796
350	210	-.304	.192	.260	-1.304
350	211	-.341	.164	.330	-1.083
350	212	-.264	.137	.185	-.787
350	213	-.260	.137	.241	-.808
350	214	-.319	.198	.257	-1.483

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	215	-.295	.183	.376	-1.227
350	216	-.302	.164	.221	-.985
350	217	-.293	.159	.237	-1.589
350	218	-.287	.156	.194	-1.379
350	219	-.260	.126	.123	-.866
350	220	-.231	.136	.220	-.767
350	221	-.310	.182	.188	-1.612
350	222	-.310	.145	.157	-.931
350	223	-.248	.131	.150	-.933
350	224	-.248	.128	.192	-.894
350	225	-.282	.167	.216	-1.258
350	226	-.282	.154	.243	-1.038
350	227	-.315	.158	.130	-1.294
350	228	-.321	.157	.104	-1.148
350	229	-.324	.157	.105	-1.202
350	230	-.074	.148	.528	-.897
350	231	-.094	.170	.614	-.981
350	232	-.114	.170	.447	-.795
350	233	-.142	.172	.461	-.749
350	234	-.236	.130	.151	-.715
350	235	-.236	.126	.154	-.717
350	236	-.260	.151	.205	-1.002
350	237	-.111	.137	.460	-.545
350	238	-.333	.157	.207	-1.196
350	239	-.113	.149	.556	-.765
350	240	-.129	.154	.572	-.624
350	241	-.036	.149	.679	-.526
350	242	-.229	.142	.172	-.763
350	243	-.245	.124	.220	-.694
350	244	-.246	.150	.195	-.737
350	245	-.242	.146	.188	-.705
350	246	-.244	.130	.150	-.781
350	247	-.250	.131	.169	-.813
350	248	-.263	.122	.133	-.764
350	249	-.254	.135	.179	-.854
350	250	-.275	.138	.180	-.917
350	251	-.276	.138	.146	-.865
350	252	-.289	.143	.134	-.861
350	253	-.264	.130	.181	-.711
350	254	-.226	.120	.177	-.722
350	255	-.216	.114	.124	-.625
350	256	-.261	.111	.033	-.583
350	257	-.254	.129	.152	-.761
350	258	-.231	.106	.157	-.579
350	259	-.216	.118	.156	-.714
350	260	-.262	.116	.108	-.790
350	261	-.263	.117	.101	-.735
350	262	-.279	.130	.202	-.866
350	263	-.300	.130	.103	-.823
350	264	-.293	.128	.109	-.835

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	265	-.289	.130	.111	-.921
350	266	-.262	.130	.144	-.766
350	267	-.269	.126	.119	-.696
350	268	-.188	.119	.255	-.607
350	269	-.211	.115	.163	-.604
350	270	-.214	.126	.200	-.646
350	271	-.364	.156	.060	-1.070
350	272	-.140	.132	.362	-.612
350	273	-.354	.196	.302	-1.383
350	274	-.483	.219	.112	-1.629
350	275	-.202	.140	.277	-.643
350	276	-.194	.140	.263	-.603
350	277	-.197	.136	.224	-.589
350	278	-.198	.112	.181	-.634
350	279	-.181	.110	.175	-.601
350	280	-.165	.112	.180	-.620
350	281	-.126	.110	.210	-.579
350	282	-.150	.122	.268	-.562
350	283	-.155	.122	.217	-.607
350	284	-.157	.123	.229	-.612
350	285	-.161	.114	.182	-.566
350	286	-.207	.128	.186	-.648
350	287	-.204	.127	.201	-.707
350	288	-.199	.108	.108	-.566
350	289	-.201	.124	.169	-.678
350	290	-.200	.121	.143	-.658
350	291	-.183	.119	.172	-.616
350	292	-.162	.119	.194	-.614
350	293	-.191	.120	.167	-.634
350	294	-.185	.131	.243	-.634
350	295	-.181	.131	.238	-.666
350	296	-.196	.127	.191	-.590
350	297	-.224	.136	.212	-.662
350	298	-.125	.118	.305	-.489
350	299	-.105	.123	.310	-.500
350	300	-.090	.120	.293	-.476
350	301	-.097	.120	.327	-.477
350	302	-.096	.128	.360	-.493
350	303	-.078	.125	.327	-.453
350	304	-.075	.126	.337	-.456
350	401	-.281	.156	.162	-1.122
350	402	-.268	.149	.210	-1.025
350	403	-.254	.146	.222	-.960
350	404	-.251	.142	.177	-1.022
350	405	-.275	.147	.172	-.850
350	406	-.279	.145	.161	-.822
350	407	-.267	.137	.233	-.803
350	408	-.270	.132	.187	-.751
350	409	-.251	.142	.237	-.856
350	410	-.240	.132	.212	-.709

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	411	-.234	.128	.246	-.712
350	412	-.238	.130	.231	-.941
350	413	-.244	.119	.114	-.622
350	414	-.241	.107	.101	-.604
350	415	-.239	.107	.108	-.569
350	416	-.240	.106	.083	-.604
350	417	-.238	.110	.097	-.593
350	418	-.249	.115	.105	-.768
350	419	-.252	.126	.172	-.690
350	420	-.246	.111	.155	-.611
350	421	-.244	.117	.164	-.583
350	422	-.234	.134	.258	-.659
350	423	-.225	.129	.267	-.630
350	424	-.222	.128	.250	-.626
350	425	-.248	.113	.091	-.662
350	426	-.242	.112	.086	-.644
350	427	-.238	.114	.099	-.657
350	428	-.246	.117	.091	-.735
350	429	-.259	.114	.106	-.641
350	430	-.252	.113	.108	-.682
350	431	-.251	.110	.086	-.613
350	432	-.253	.113	.079	-.604
350	433	-.247	.112	.142	-.644
350	434	-.241	.106	.128	-.611
350	435	-.237	.105	.127	-.595
350	436	-.233	.104	.138	-.599
350	437	-.209	.125	.160	-.564
350	438	-.214	.116	.282	-.616
350	439	-.216	.117	.293	-.652
350	440	-.224	.120	.295	-.715
350	441	-.258	.125	.123	-.765
350	442	-.240	.123	.108	-.795
350	443	-.259	.122	.084	-.771
350	444	-.252	.120	.093	-.764
350	445	-.254	.115	.130	-.638
350	446	-.249	.113	.153	-.632
350	447	-.240	.114	.149	-.641
350	448	-.236	.115	.158	-.656
350	449	-.217	.111	.137	-.563
350	450	-.212	.110	.146	-.588
350	451	-.214	.114	.158	-.622
350	452	-.244	.115	.123	-.651
350	453	-.223	.127	.154	-.716
350	454	-.241	.126	.141	-.728
350	455	-.233	.127	.145	-.732
350	456	-.228	.127	.134	-.738
350	457	-.220	.113	.121	-.580
350	458	-.215	.112	.128	-.577
350	459	-.211	.112	.130	-.584
350	460	-.206	.111	.133	-.586

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	461	-.226	.114	.132	-.605
350	462	-.223	.113	.143	-.594
350	463	-.228	.116	.135	-.610
350	464	-.231	.118	.184	-.648
350	465	-.225	.139	.244	-.742
350	466	-.234	.121	.261	-.661
350	467	-.228	.121	.244	-.698
350	468	-.223	.118	.232	-.708
350	469	-.239	.106	.170	-.589
350	470	-.222	.104	.144	-.594
350	471	-.224	.108	.174	-.599
350	472	-.226	.111	.209	-.647
350	473	-.215	.123	.227	-.610
350	501	.036	.228	.862	-.832
350	502	-.104	.200	.667	-.868
350	503	-.134	.176	.627	-.782
350	504	-.440	.221	.190	-1.372
350	505	-.428	.220	.276	-1.365
350	506	-.379	.222	.429	-1.245
350	507	-.302	.179	.371	-1.225
350	508	-.274	.162	.235	-.920
350	509	-.152	.242	.943	-.709
350	510	-.028	.192	.909	-.621
350	511	-.439	.220	.192	-1.675
350	512	-.236	.143	.252	-.952
350	513	.113	.243	1.049	-.732
350	514	-.083	.266	1.010	-1.164
350	515	-.178	.196	.658	-.925
350	516	-.460	.240	.323	-1.479
350	517	-.437	.233	.375	-1.400
350	518	-.343	.209	.367	-1.178
350	519	-.220	.135	.265	-.749
350	520	-.219	.145	.218	-.763
350	521	-.060	.254	.863	-1.170
350	522	-.070	.207	.862	-.807
350	523	-.146	.184	.677	-.774
350	524	-.325	.185	.220	-1.145
350	525	-.320	.182	.242	-1.171
350	526	-.288	.179	.311	-1.041
350	527	-.257	.161	.258	-.959
350	528	-.256	.162	.232	-1.043
350	529	-.088	.279	.791	-1.282
350	530	-.170	.173	.483	-.812
350	531	-.304	.143	.120	-1.105
350	532	-.263	.159	.288	-.955
350	533	-.160	.247	.853	-1.272
350	534	-.192	.154	.299	-.668
350	535	-.296	.151	.202	-1.051
350	536	-.142	.217	.707	-1.145
350	537	-.120	.175	.483	-.831
350	538	-.246	.143	.234	-.838
350	539	-.294	.162	.155	-.943
350	540	-.290	.158	.144	-.863
350	541	-.135	.231	.719	-1.157
350	542	-.202	.163	.601	-.792
350	543	-.457	.247	.162	-1.952
350	544	-.328	.178	.284	-1.065
350	545	-.305	.182	.319	-1.097
350	546	-.285	.162	.254	-.940
350	547	-.270	.160	.263	-.940
350	548	-.285	.149	.172	-1.179
350	549	-.252	.150	.310	-.870
350	550	-.256	.134	.215	-.832
350	551	-.267	.262	.671	-1.441
350	552	-.280	.142	.236	-.949
350	553	-.370	.159	.170	-1.213
350	554	-.253	.120	.221	-.665
350	555	-.319	.229	.722	-1.526
350	556	-.255	.135	.169	-.833
350	557	-.318	.155	.136	-1.164
350	558	-.321	.157	.173	-1.292
350	559	-.306	.154	.151	-1.276
350	560	-.302	.149	.084	-1.050
350	561	-.260	.132	.119	-.946
350	562	-.250	.127	.118	-.733
350	563	-.249	.131	.121	-.873
350	564	-.304	.217	.460	-1.170
350	565	-.269	.134	.273	-.767
350	566	-.351	.163	.190	-1.092
350	567	-.269	.138	.195	-.932
350	568	-.248	.227	.520	-1.225
350	569	-.251	.135	.299	-.669
350	570	-.330	.150	.136	-1.034
350	571	-.331	.154	.125	-1.122
350	572	-.327	.164	.089	-1.458
350	573	-.307	.152	.113	-.982
350	574	-.277	.144	.103	-.967
350	575	-.263	.140	.155	-.875
350	576	-.252	.137	.241	-.768
350	577	-.278	.217	.434	-1.294
350	578	-.243	.142	.316	-.805
350	579	-.329	.152	.289	-.993
350	580	-.238	.110	.143	-.651
350	581	-.298	.114	.125	-.805
350	582	-.292	.145	.233	-.764
350	583	-.294	.117	.084	-.756
350	584	-.321	.143	.209	-.826
350	585	-.354	.151	.139	-.921
350	586	-.341	.149	.185	-.926
350	587	-.292	.140	.184	-.856
350	588	-.250	.125	.169	-.722
350	589	-.230	.120	.182	-.625
350	590	-.216	.118	.189	-.613
350	591	-.222	.117	.166	-.630
350	592	-.246	.112	.097	-.675
350	593	-.233	.112	.132	-.683
350	594	-.214	.113	.131	-.635
350	595	-.175	.118	.219	-.641
350	596	-.236	.116	.233	-.654
350	597	-.225	.113	.249	-.619
350	598	-.212	.113	.275	-.621
350	599	-.211	.113	.267	-.626
350	600	-.201	.115	.146	-.636
350	601	-.205	.114	.145	-.654
350	602	-.211	.114	.149	-.644
350	603	-.219	.116	.152	-.672
350	604	-.240	.117	.226	-.664
350	605	-.239	.117	.290	-.622
350	606	-.217	.115	.408	-.625
350	607	-.212	.115	.345	-.623
350	608	-.200	.116	.146	-.621
350	609	-.194	.114	.166	-.612
350	610	-.191	.112	.135	-.616
350	611	-.184	.128	.254	-.550
350	612	-.202	.095	.148	-.543
350	613	-.193	.128	.241	-.544
350	701	.024	.148	.565	-.491
350	702	.044	.141	.524	-.430
350	703	-.086	.124	.386	-.490
350	704	.012	.161	.700	-.917
350	705	-.117	.153	.484	-.627
350	706	-.108	.129	.413	-.559
350	707	-.282	.138	.170	-.865
350	708	-.153	.150	.528	-.652
350	709	-.020	.186	.779	-.557
350	710	.089	.185	.889	-.640
350	711	-.079	.148	.544	-.635
350	712	-.044	.149	.576	-.496
350	713	-.048	.186	.702	-.561
350	714	-.344	.178	.175	-1.050
350	715	-.278	.292	.993	-1.317
350	716	-.433	.202	.216	-1.203
350	717	-.379	.195	.223	-1.575
350	718	-.354	.190	.230	-1.696
350	719	-.331	.183	.286	-1.238
350	720	-.440	.197	.108	-1.695
350	721	-.342	.196	.329	-1.111
350	722	-.280	.166	.316	-1.029
350	723	-.251	.163	.329	-.953
350	724	-.153	.146	.325	-.698

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	725	-.275	.199	.277	-1.535	350	727	-.245	.172	.318	-.921	350	801	-.091	.118	.282	-.510
350	726	-.271	.180	.371	-.948	350	728	-.437	.211	.184	-1.266	350	802	-.121	.119	.323	-.583

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
92	221	-.201	.156	.435	-.745
92	224	-.391	.246	.829	-1.686
92	225	-.140	.150	.359	-.964
92	240	-.171	.202	1.118	-.397
92	528	-.244	.133	.221	-.751
92	705	.157	.204	.970	-.822
92	706	.112	.182	.861	-.510
92	712	.124	.197	.955	-.521
92	726	-.333	.187	.557	-1.132
94	221	-.233	.185	.631	-1.161
94	224	-.438	.288	.973	-1.850
94	225	-.179	.174	.638	-1.179
94	240	-.127	.193	.964	-.830
94	528	-.234	.136	.249	-.776
94	705	.147	.191	1.105	-.633
94	706	.103	.177	.843	-.490
94	712	.114	.186	.836	-.479
94	726	-.315	.213	.432	-1.757
96	221	-.257	.201	.530	-1.412
96	224	-.405	.317	.852	-2.586
96	225	-.211	.200	.542	-1.408
96	240	.072	.190	.796	-.883
96	528	-.221	.132	.265	-.754
96	705	.054	.182	.872	-.630
96	706	.015	.161	.671	-.435
96	712	.021	.168	.802	-.491
96	726	-.395	.203	.220	-1.311
98	221	-.280	.220	.660	-1.902
98	224	-.370	.340	.910	-1.909
98	225	-.255	.232	.594	-2.050
98	240	.046	.193	.798	-.950
98	528	-.229	.148	.294	-.986
98	705	.056	.195	1.018	-.812
98	706	.024	.163	.849	-.523
98	712	.030	.171	1.128	-.521
98	726	-.387	.205	.257	-1.480
100	221	-.343	.233	.480	-2.034
100	224	-.418	.361	.995	-2.022
100	225	-.304	.232	.537	-1.638
100	240	.062	.203	.802	-1.014
100	528	-.275	.154	.224	-.992
100	705	.044	.240	1.015	-1.694
100	706	.021	.182	.774	-1.012
100	712	.029	.183	.705	-.584
100	726	-.424	.223	.255	-1.888
102	221	-.374	.246	.420	-2.137
102	224	-.432	.330	.808	-1.940
102	225	-.339	.262	.497	-2.206
102	240	.087	.258	1.133	-1.746
102	528	-.269	.147	.289	-.854
102	705	.052	.261	.832	-1.391
102	706	.026	.196	.714	-.689
102	712	.034	.192	.767	-.495
102	726	-.468	.216	.206	-2.218
104	221	-.451	.226	.327	-2.050
104	224	-.527	.328	.750	-2.401
104	225	-.403	.249	.300	-2.039
104	240	.082	.314	1.168	-2.969
104	528	-.263	.161	.327	-.969
104	705	.033	.339	1.413	-1.799
104	706	.013	.219	.761	-.993
104	712	.032	.209	.834	-.589
104	726	-.503	.221	.131	-2.212
106	221	-.487	.239	.272	-2.458
106	224	-.507	.316	.935	-2.588
106	225	-.452	.266	.369	-2.368
106	240	.034	.386	1.168	-1.911
106	528	-.270	.157	.232	-.890
106	705	.038	.354	1.347	-1.383
106	706	.007	.242	1.034	-.721
106	712	.035	.231	1.150	-.746
106	726	-.534	.220	.141	-1.579
108	221	-.516	.237	.373	-1.955
108	224	-.487	.324	.936	-2.202
108	225	-.502	.269	.354	-1.996
108	240	-.042	.422	1.238	-2.514
108	528	-.277	.165	.236	-1.049
108	705	-.068	.445	1.435	-3.056
108	706	-.058	.264	.886	-.942
108	712	-.009	.244	1.104	-.714
108	726	-.548	.237	.146	-2.653
110	221	-.565	.266	.182	-2.476
110	224	-.448	.344	.943	-1.693
110	225	-.568	.286	.251	-2.109
110	240	-.173	.476	1.350	-2.782
110	528	-.267	.178	.475	-1.122
110	705	-.199	.494	1.301	-2.561
110	706	-.154	.282	.825	-1.175
110	712	-.093	.260	.859	-.967
110	726	-.622	.255	.145	-2.177
112	221	-.551	.265	.317	-2.209
112	224	-.378	.326	.937	-2.008
112	225	-.578	.296	.319	-2.292
112	240	-.265	.489	1.046	-2.978
112	528	-.232	.176	.519	-1.155
112	705	-.253	.450	1.079	-3.055
112	706	-.186	.264	.858	-1.174
112	712	-.137	.257	.846	-.984
112	726	-.567	.259	.237	-2.410
114	221	-.599	.313	.242	-2.253
114	224	-.317	.340	.989	-1.491
114	225	-.617	.323	.431	-2.306
114	240	-.361	.468	1.238	-2.912
114	528	-.235	.180	.374	-1.184
114	705	-.299	.427	.865	-2.986
114	706	-.223	.253	.657	-1.290
114	712	-.180	.241	.677	-1.684
114	726	-.571	.283	.112	-2.333
116	221	-.702	.358	.347	-2.679
116	224	-.351	.378	.932	-1.531
116	225	-.737	.377	.405	-2.418
116	240	-.471	.456	.752	-2.842
116	528	-.206	.179	.359	-1.287
116	705	-.330	.402	1.066	-2.284
116	706	-.248	.263	.592	-1.398
116	712	-.204	.251	.589	-1.518
116	726	-.550	.298	.286	-2.872
118	221	-.692	.392	.565	-2.574
118	224	-.177	.404	1.247	-1.228
118	225	-.732	.389	.412	-2.997
118	240	-.417	.423	.779	-2.529
118	528	-.223	.176	.480	-1.114
118	705	-.409	.418	.942	-3.162
118	706	-.330	.262	.706	-1.402
118	712	-.287	.241	.573	-1.383
118	726	-.576	.321	.177	-3.011
120	221	-.749	.441	.331	-2.771
120	224	-.067	.417	1.159	-3.189
120	225	-.809	.404	.303	-2.502
120	240	-.481	.391	1.316	-3.039
120	528	-.212	.193	.326	-2.141
120	705	-.436	.363	.906	-2.722
120	706	-.373	.243	.381	-1.420
120	712	-.338	.232	.570	-1.214
120	726	-.569	.325	.290	-2.824
122	221	-.796	.460	.373	-2.850
122	224	.081	.410	1.315	-1.090
122	225	-.853	.394	.375	-2.973
122	240	-.482	.389	.753	-2.528
122	528	-.228	.190	.464	-1.285
122	705	-.476	.377	.570	-2.534
122	706	-.411	.275	.620	-3.221
122	712	-.379	.251	.403	-1.553
122	726	-.586	.339	.284	-2.894
124	221	-.811	.503	.702	-2.903
124	224	.190	.416	1.409	-1.077
124	225	-.860	.426	.744	-2.573
124	240	-.515	.410	.734	-2.714
124	528	-.195	.189	.324	-1.280
124	705	-.490	.394	.543	-3.096

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
124	706	-.438	.291	.490	-2.168
124	712	-.411	.268	.374	-1.392
124	726	-.518	.335	.383	-2.394
126	221	-.814	.485	.548	-2.825
126	224	.345	.372	1.436	-.987
126	225	-.825	.385	.260	-2.378
126	240	-.526	.389	.461	-2.780
126	528	-.197	.183	.310	-.923
126	705	-.548	.395	.572	-2.884
126	706	-.489	.276	.423	-2.175
126	712	-.461	.251	.703	-1.387
126	726	-.539	.307	.330	-2.320
128	221	-.698	.461	.604	-2.526
128	224	.395	.328	1.284	-.828
128	225	-.719	.358	.208	-2.516
128	240	-.483	.347	.669	-2.917
128	528	-.193	.166	.320	-.972
128	705	-.524	.352	.383	-2.705
128	706	-.488	.256	.324	-1.859
128	712	-.468	.234	.329	-1.569
128	726	-.505	.289	.333	-1.755
130	221	-.662	.449	.741	-2.571
130	224	.463	.319	1.557	-1.060
130	225	-.708	.345	.483	-2.385
130	240	-.526	.316	.418	-2.597
130	528	-.201	.157	.273	-.827
130	705	-.575	.339	.376	-2.755
130	706	-.549	.259	.258	-3.139
130	712	-.521	.225	.159	-1.555
130	726	-.541	.267	.352	-1.707
132	221	-.568	.478	1.084	-2.538
132	224	.537	.280	1.441	-.724
132	225	-.618	.353	.421	-2.242
132	240	-.508	.312	.473	-2.751
132	528	-.173	.158	.306	-.956
132	705	-.541	.332	.345	-2.398
132	706	-.505	.249	.168	-2.371
132	712	-.481	.216	.113	-1.294
132	726	-.524	.267	.400	-1.651
134	221	-.448	.453	.853	-2.779
134	224	.621	.239	1.495	-.426
134	225	-.536	.344	.516	-2.006
134	240	-.510	.313	.400	-2.981
134	528	-.167	.137	.307	-.690
134	705	-.491	.306	.299	-2.531
134	706	-.459	.236	.201	-2.111
134	712	-.434	.208	.217	-1.109
134	726	-.511	.261	.268	-1.468
136	221	-.213	.369	.859	-1.961
136	224	.688	.243	1.437	-.467
136	225	-.356	.286	.584	-1.698
136	240	-.430	.288	.582	-2.358
136	528	-.160	.145	.363	-.717
136	705	-.542	.315	.294	-3.100
136	706	-.523	.264	.275	-3.041
136	712	-.494	.237	.286	-1.465
136	726	-.596	.272	.300	-1.705
138	221	-.125	.344	.900	-2.077
138	224	.651	.269	1.476	-.286
138	225	-.288	.291	.625	-1.401
138	240	-.449	.307	.640	-1.955
138	528	-.141	.136	.344	-.813
138	705	-.457	.247	.416	-1.848
138	706	-.442	.199	.333	-1.386
138	712	-.428	.185	.220	-1.134
138	726	-.520	.217	.275	-1.622
152	221	.031	.269	1.055	-1.108
152	224	.558	.247	1.374	-.364
152	225	-.143	.254	.741	-1.318
152	240	-.394	.212	.602	-1.662
152	528	-.222	.194	.311	-1.338
152	705	-.408	.199	.326	-1.534
152	706	-.430	.202	.266	-2.066
152	712	-.436	.190	.120	-1.710
152	726	-.457	.186	.186	-1.145
154	221	.051	.308	1.197	-1.043
154	224	.582	.261	1.432	-.326
154	225	-.119	.290	1.079	-1.220
154	240	-.387	.228	.572	-1.487
154	528	-.252	.179	.302	-1.070
154	705	-.347	.206	.445	-1.855
154	706	-.379	.210	.394	-1.511
154	712	-.393	.208	.242	-2.025
154	726	-.386	.198	.172	-1.171
156	221	.054	.271	1.093	-.935
156	224	.567	.227	1.371	-.377
156	225	-.064	.252	.997	-1.015
156	240	-.346	.242	.532	-1.811
156	528	-.306	.198	.181	-1.397
156	705	-.361	.252	.425	-1.736
156	706	-.397	.263	.432	-2.546
156	712	-.401	.256	.404	-2.857
156	726	-.371	.227	.684	-1.071
158	221	.073	.278	.887	-.777
158	224	.599	.228	1.550	-.261
158	225	-.017	.262	.865	-1.138
158	240	-.329	.248	.733	-1.966
158	528	-.346	.214	.221	-1.507
158	705	-.349	.240	.626	-1.793
158	706	-.416	.259	.440	-2.516
158	712	-.439	.258	.427	-2.476
158	726	-.397	.199	.288	-1.059
160	221	.085	.298	1.066	-1.083
160	224	.645	.216	1.380	-.240
160	225	.014	.273	.938	-1.001
160	240	-.344	.274	1.007	-1.669
160	528	-.367	.220	.320	-1.673
160	705	-.358	.230	.674	-1.577
160	706	-.429	.255	.620	-3.100
160	712	-.444	.231	.384	-2.165
160	726	-.410	.184	.191	-1.125
162	221	.093	.272	.864	-.986
162	224	.646	.199	1.341	-.209
162	225	.045	.240	.930	-1.036
162	240	-.337	.229	.743	-1.331
162	528	-.411	.222	.204	-1.743
162	705	-.372	.237	.585	-2.124
162	706	-.426	.252	.416	-1.775
162	712	-.434	.238	.402	-2.852
162	726	-.380	.185	.229	-.936
164	221	.062	.276	1.116	-1.035
164	224	.620	.209	1.410	-.316
164	225	.028	.250	1.074	-1.022
164	240	-.372	.248	.887	-1.510
164	528	-.499	.286	.220	-2.214
164	705	-.403	.210	.566	-1.393
164	706	-.480	.237	.291	-1.799
164	712	-.495	.234	.150	-2.895
164	726	-.404	.192	.308	-1.164
166	221	.065	.263	.904	-.950
166	224	.634	.201	1.465	.001
166	225	.046	.234	.872	-.801
166	240	-.374	.237	.722	-1.280
166	528	-.596	.333	.131	-2.508
166	705	-.371	.216	.515	-1.289
166	706	-.442	.237	.344	-1.574
166	712	-.473	.232	.238	-2.233
166	726	-.396	.200	.309	-1.094
168	221	.005	.252	.792	-.921
168	224	.624	.177	1.203	-.121
168	225	.007	.214	.758	-.862
168	240	-.380	.259	.717	-1.460
168	528	-.699	.389	.123	-3.041
168	705	-.442	.204	.335	-1.284
168	706	-.514	.219	.415	-1.423
168	712	-.527	.216	.123	-2.169
168	726	-.425	.195	.228	-1.204
170	221	-.030	.257	.881	-.886
170	224	.615	.187	1.281	.032
170	225	-.014	.221	.816	-.796

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : 1415 LOUISIANA TOWER, HOUSTON

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	240	-.364	.221	.830	-1.142
170	528	-.851	.470	.169	-2.953
170	705	-.393	.180	.265	-1.081
170	706	-.449	.195	.146	-1.261
170	712	-.477	.192	.069	-1.758
170	726	-.340	.185	.418	-.959
172	221	-.112	.248	.777	-1.060
172	224	.583	.181	1.181	-.031
172	225	-.080	.218	.604	-.848
172	240	-.356	.223	.637	-1.165
172	528	-1.058	.596	.393	-2.982
172	705	-.364	.180	.343	-1.071
172	706	-.425	.201	.466	-1.462
172	712	-.455	.192	.240	-1.879
172	726	-.285	.194	.500	-.956
174	221	-.169	.265	.638	-1.197
174	224	.582	.184	1.124	-.123
174	225	-.125	.228	.592	-.928
174	240	-.328	.204	.619	-1.238
174	528	-1.106	.565	.068	-3.072
174	705	-.383	.179	.359	-1.218
174	706	-.424	.196	.454	-1.667
174	712	-.475	.187	.102	-1.754
174	726	-.266	.212	.518	-.970
176	221	-.207	.258	.629	-1.232
176	224	.589	.165	1.121	-.533
176	225	-.141	.224	.536	-1.002
176	240	-.299	.188	.579	-1.091
176	528	-1.079	.575	.070	-2.999
176	705	-.340	.171	.442	-1.594
176	706	-.362	.179	.325	-1.299
176	712	-.416	.169	.086	-1.300
176	726	-.159	.207	.515	-.930
178	221	-.247	.245	.567	-1.136
178	224	.552	.173	1.106	-.198
178	225	-.178	.218	.536	-.967
178	240	-.255	.184	.643	-.906
178	528	-.930	.508	.206	-2.973
178	705	-.314	.160	.264	-1.271
178	706	-.329	.175	.242	-1.231
178	712	-.386	.170	.149	-1.293
178	726	-.106	.226	.578	-.884
180	221	-.288	.278	.640	-1.396
180	224	.483	.206	1.096	-.391
180	225	-.235	.242	.497	-1.335
180	240	-.242	.178	.691	-.782
180	528	-.820	.465	.201	-3.051
180	705	-.296	.154	.350	-.842
180	706	-.301	.164	.306	-.863
180	712	-.364	.161	.228	-1.240
180	726	-.077	.213	.653	-.931
182	221	-.296	.273	.622	-1.577
182	224	.422	.233	1.054	-.676
182	225	-.263	.234	.463	-1.353
182	240	-.231	.180	.535	-.852
182	528	-.641	.369	.235	-2.914
182	705	-.286	.158	.361	-.825
182	706	-.282	.165	.280	-.902
182	712	-.360	.171	.180	-1.748
182	726	-.094	.244	.600	-1.237
184	221	-.295	.288	.680	-1.245
184	224	.338	.264	1.062	-.749
184	225	-.286	.242	.608	-1.557
184	240	-.208	.193	.662	-.779
184	528	-.601	.332	.223	-2.367
184	705	-.263	.156	.300	-1.022
184	706	-.246	.156	.270	-1.013
184	712	-.327	.151	.129	-1.019
184	726	-.135	.224	.623	-1.163
186	221	-.298	.290	.647	-1.330
186	224	.241	.292	1.014	-.827
186	225	-.301	.256	.609	-1.573
186	240	-.186	.189	.744	-.829
186	528	-.514	.277	.217	-2.183
186	705	-.276	.165	.529	-.848
186	706	-.256	.171	.333	-.964
186	712	-.335	.164	.215	-1.062
186	726	-.190	.246	.632	-1.135
188	221	-.307	.285	.702	-1.929
188	224	.093	.296	.890	-1.090
188	225	-.336	.261	.737	-1.836
188	240	-.183	.182	.888	-1.063
188	528	-.542	.293	.404	-1.923
188	705	-.257	.152	.320	-.917
188	706	-.240	.168	.391	-1.060
188	712	-.308	.164	.431	-1.262
188	726	-.213	.249	.529	-1.344