

WIND-TUNNEL STUDY OF
ARCO OFFICE BUILDING,
ANCHORAGE

by

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LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
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, $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{0.5 \rho U_{\infty}^2}$
$C_{p_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_{\infty})_{max}}{0.5 \rho U_{\infty}^2}$
$C_{p_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_{\infty})_{min}}{0.5 \rho U_{\infty}^2}$
$()_{min}$	Minimum value during data record
$()_{max}$	Maximum value during data record

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

1. INTRODUCTION

1.1 General

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

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

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

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

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/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 ($>2 \times 10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7 - 10^8 for the full-scale and 10^5 - 10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

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

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

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

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

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

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

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

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

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

2.2 Model

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

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

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

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

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

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

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

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

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful

- (a) in understanding and interpreting mean and fluctuating pressures,
- (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and
- (c) in indicating areas where pedestrian discomfort may be a problem.

Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

3.2 Pressures

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

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

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

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

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

3.3 Velocity

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

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

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

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

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

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

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

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

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer U_{∞} . 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

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

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

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

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

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

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

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

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

frequency with which any given pressure level would be observed.

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

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

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

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

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

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

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

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

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

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

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

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

4.4 Forces and Moments

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

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

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

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

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

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

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

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke flow showed that the highest pressures would most likely exist near building corners near ground level where high velocity wind brought down to the surface by the building mass separated from the building surface as it passed around the corner. High local uplift pressures will likely exist on the roof near the northwest and southeast corners of the building where classical roof-corner vortex flow patterns were observed over the roof. Recirculating flow was observed in the northeast corner notch near the ground for northerly winds which may cause locally high cladding pressures and may result in debris or snow collection in the notch.

Pedestrian wind speeds appeared to be high near corners of the building for critical wind directions. Some wind directions caused fairly high wind speeds in the undercut entrance area on the southeast corner.

5.2 Pedestrian Winds

Figure 4 shows the 16 pedestrian 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 ARCO building. Locations 5 and 6 were located under the southeast corner entrance undercut. Table 2 and Figure 8 show that the largest values of mean velocity were measured at locations 11 and 12 of the northwest corner of the building with values for two

wind directions each between 83 and 90 percent of the mean velocity, U_{∞} , at the boundary layer height. Four other locations showed values above 20 percent. These values are quite large and compare to a largest mean of 48 percent of U_{∞} measured at reference location 1 and about 45 percent expected in an open-country environment.

The largest values of fluctuating velocity, U_{rms} , were between 20 and 28 percent of U_{∞} and were measured at locations 3, 7, 8, 9, 10, and 11 for at least one wind direction. These values are relatively large in comparison to the largest value of 19 percent at location 1 and 10-12 percent one might expect in an open-country environment. The largest values of peak gust, represented by the mean plus three rms as discussed in section 4.2, were obtained at locations 7, 8, 11, and 12 and ranged from 130 to 154 percent of U_{∞} . These values are large and compare to 105 percent measured at reference location 1 and 75-85 percent expected in an open country environment.

Velocity data of Table 2 integrated with local wind data of Figure 3 are shown in Figure 9. Based on the data of this figure, the windiest locations will be locations 2, 13, 15, and 16 where the environment will be considered uncomfortable for walking 10-20 percent of the time and unacceptable 3-5 percent of the time. These data assume pedestrians dressed for the temperature so that no wind chill effects are included in Figure 9. Peak gusts at these locations seem to be of less concern for pedestrians than the mean winds. Other locations that will be uncomfortable for walking more than 5 percent of the time are locations 8, 11, and 12. Reference location 1 should be comfortable for long exposure activities almost all the time for someone dressed for the temperature.

The results of the pedestrian wind velocity analysis showed that the pedestrian environment about the base of the ARCO building will be considered quite windy in comparison with other typical nearby pedestrian environments. Several locations will be uncomfortable for walking a significant percentage of the time, including the sidewalk in front of the undercut entrance, and will be considered as unacceptably windy for a small percentage of time. Several locations near building corners have very high wind speeds associated with a narrow range of approach wind directions.

5.3 Pressures

Table 6 shows the largest pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data listed as configuration A represent data obtained at all taps for 36 wind directions. Data listed as configuration B represent data obtained at six taps where large peaks or pressure gradients were observed in configuration A for selected wind directions with 2-degree azimuthal resolution to insure that the largest peaks were obtained. The largest peak pressure coefficients measured on the ARCO building were -2.82 and -2.74 measured at taps 348 and 144 for wind azimuths of 100 and 260 degrees respectively. These locations are near building corners near the base of the building--consistent with the smoke visualization study. These pressure coefficients represent peak cladding loads of 76 and 74 psf for the 50-year recurrence wind of Table 5. At location 353, data for the 2-degree azimuthal resolution showed a peak pressure of 86 psf compared to a peak value of 65 psf observed in the configuration A data.

Contour plots of peak cladding pressure shown in Figure 10 show that typical values on the building face range from 30 to 50 psf for a 50-year recurrence wind. Load, shear and moment diagrams for the building for the cases in Table 7 with the largest base shear in the X and Y directions are shown in Figure 11.

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FIGURES

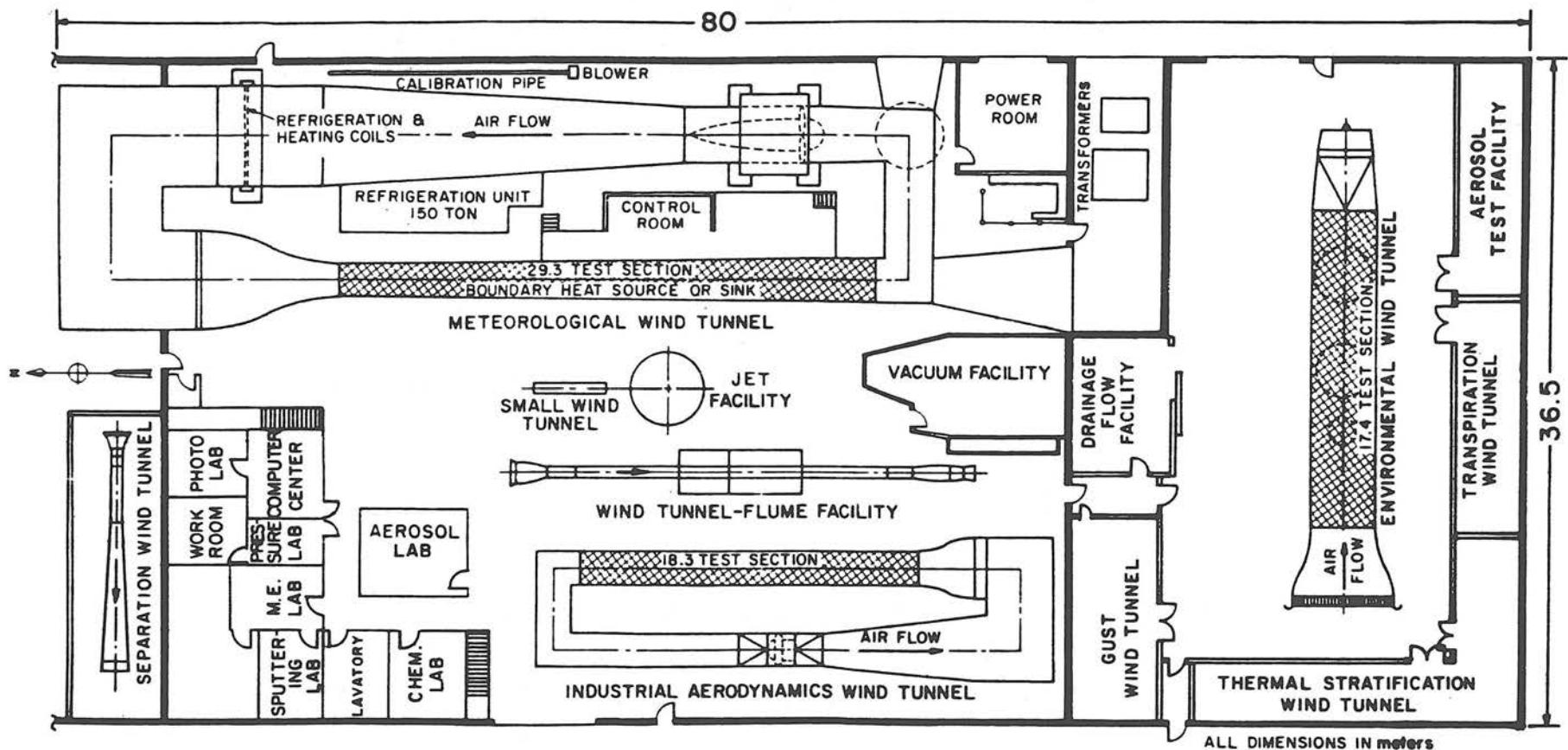
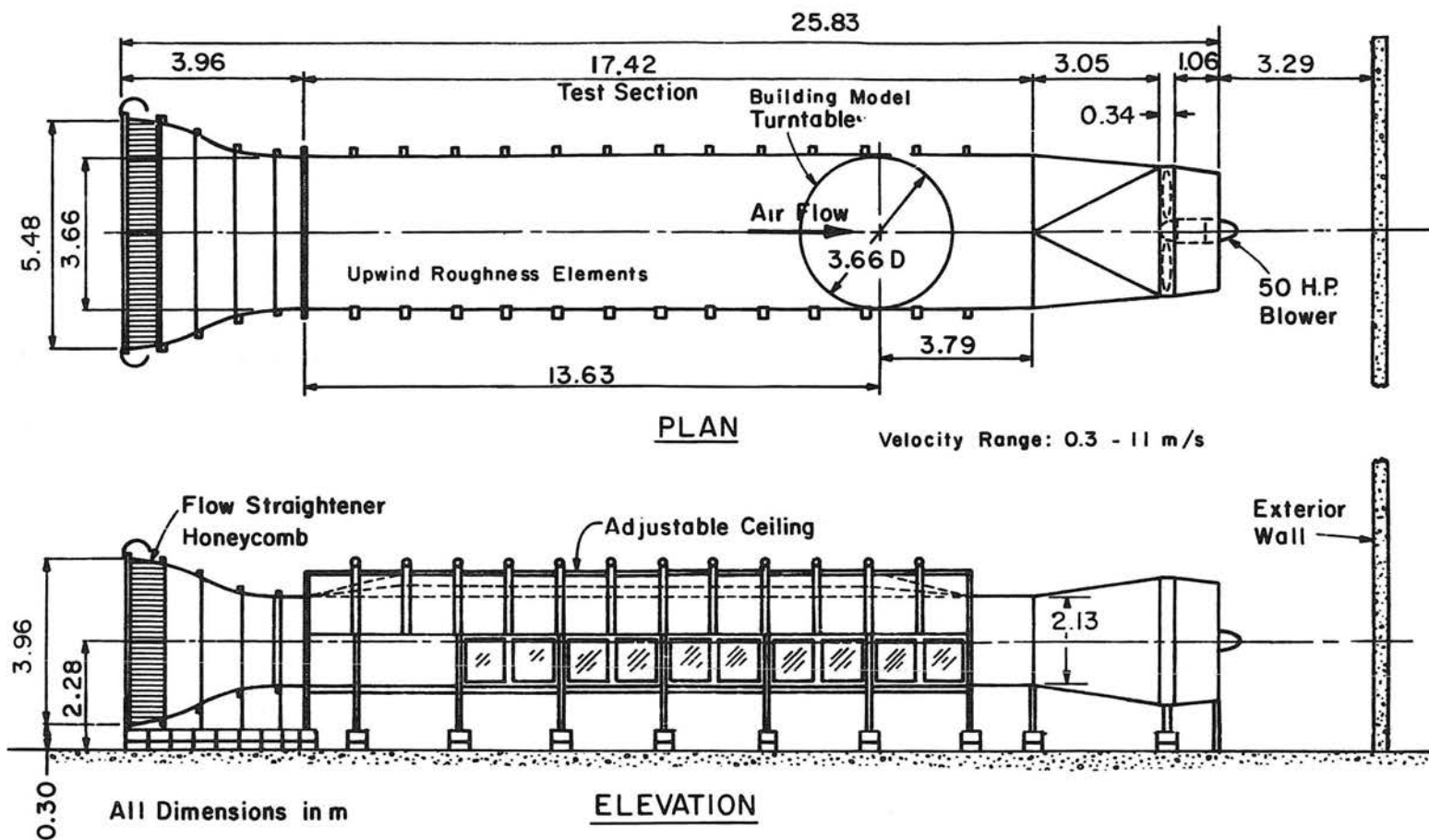


Fig. 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



ENVIRONMENTAL WIND TUNNEL

Figure 2 - Wind Tunnel Configuration

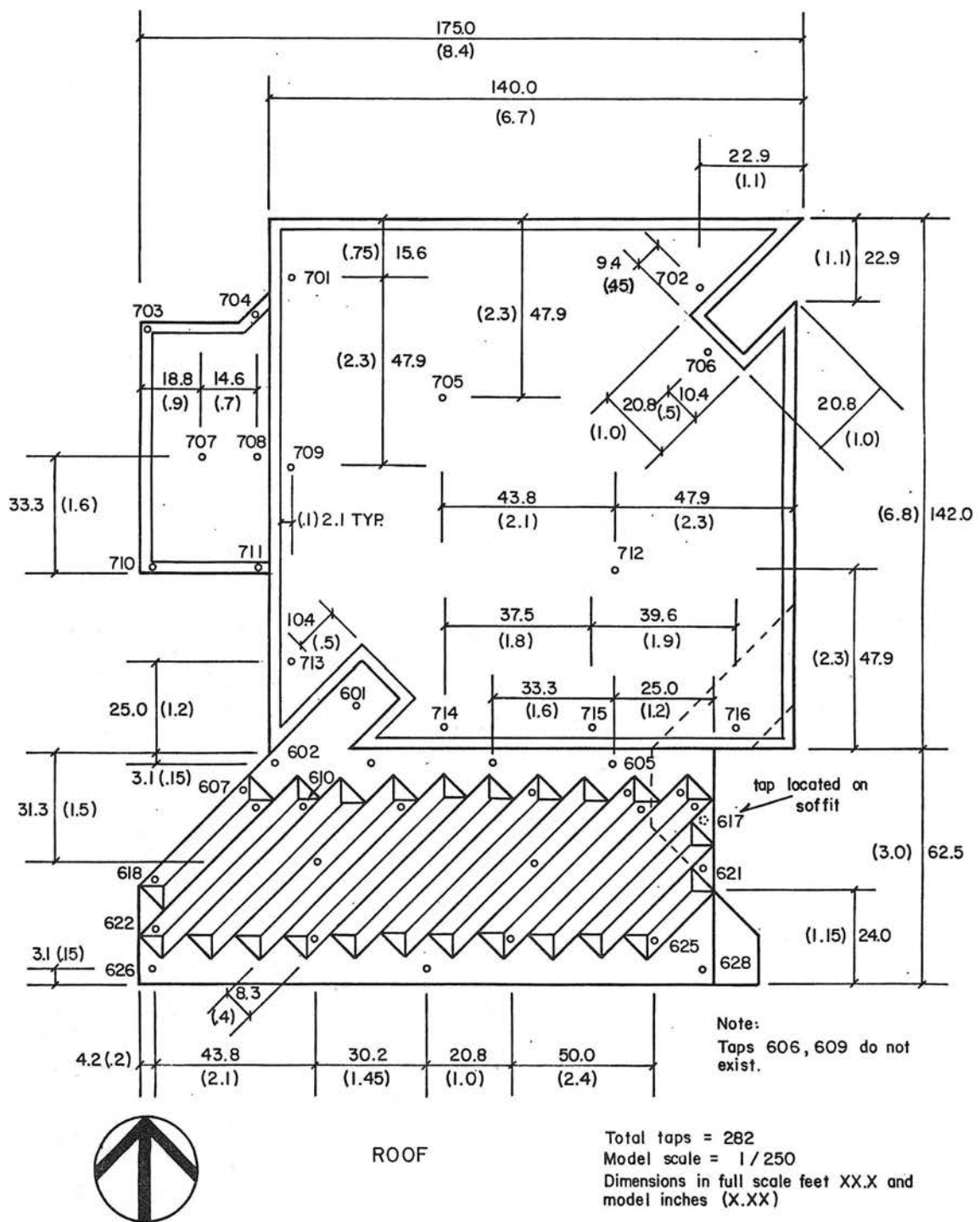


Figure 3a. Pressure Tap Locations

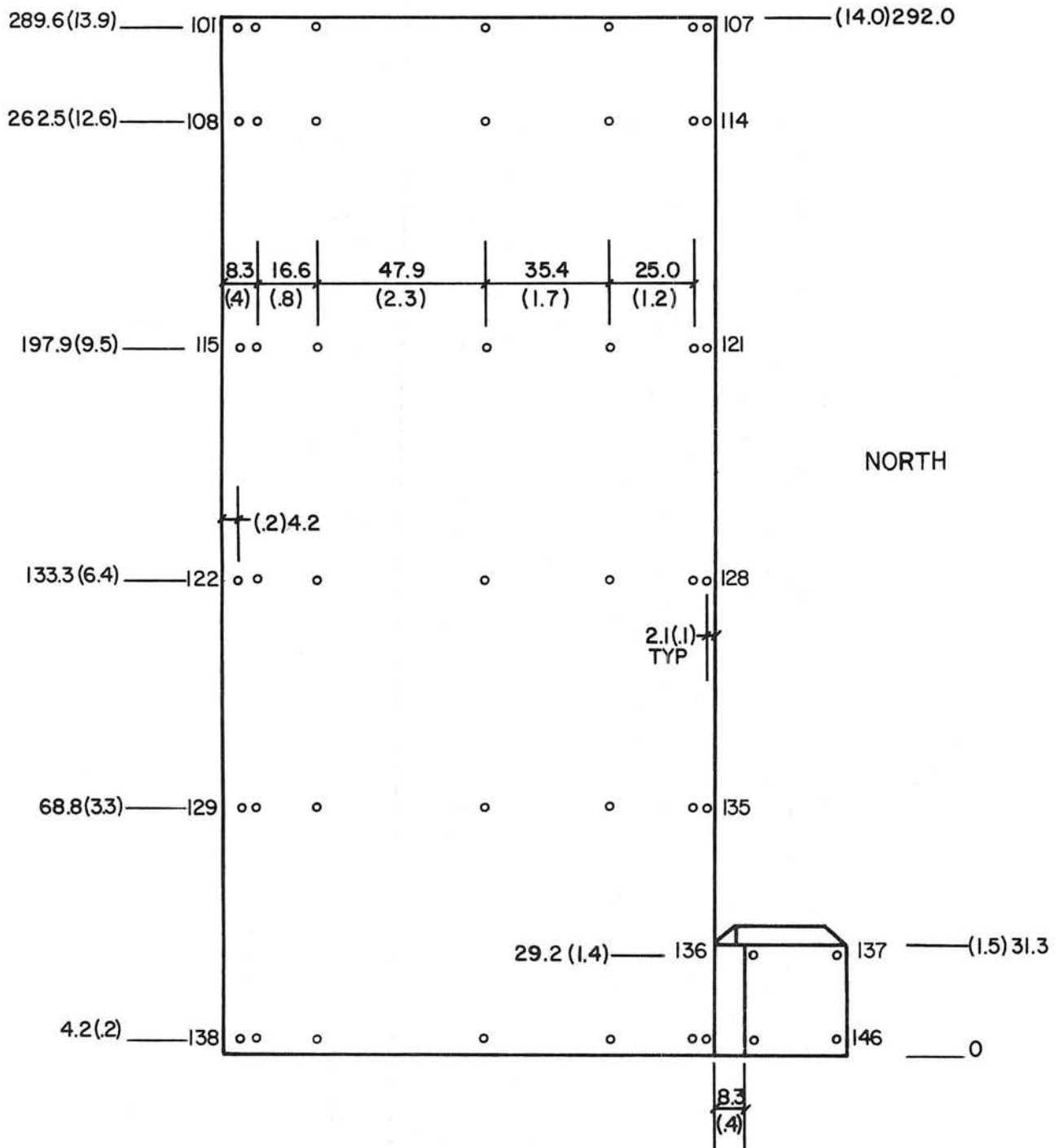


Figure 3b. Pressure Tap Locations

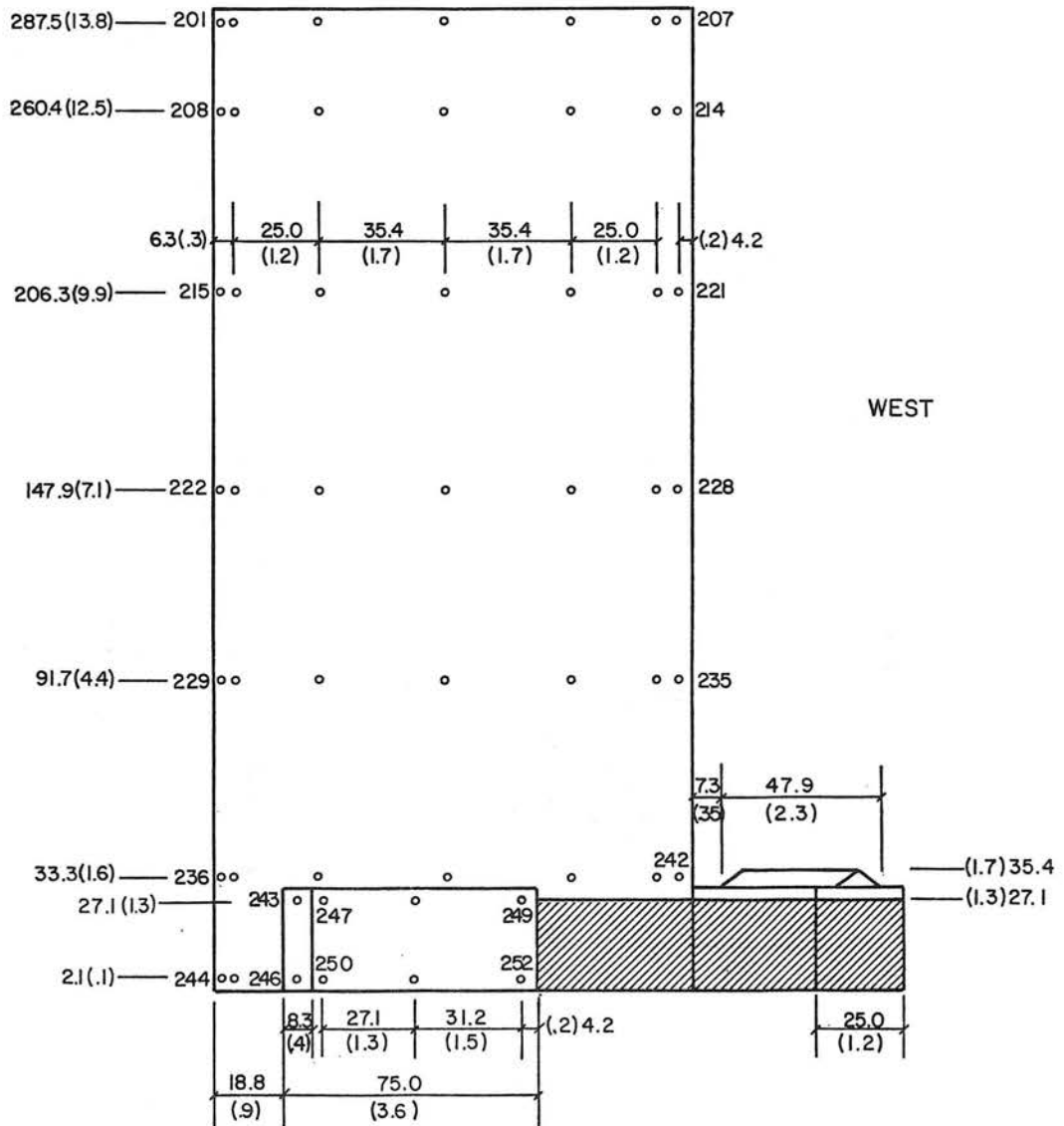


Figure 3c. Pressure Tap Locations

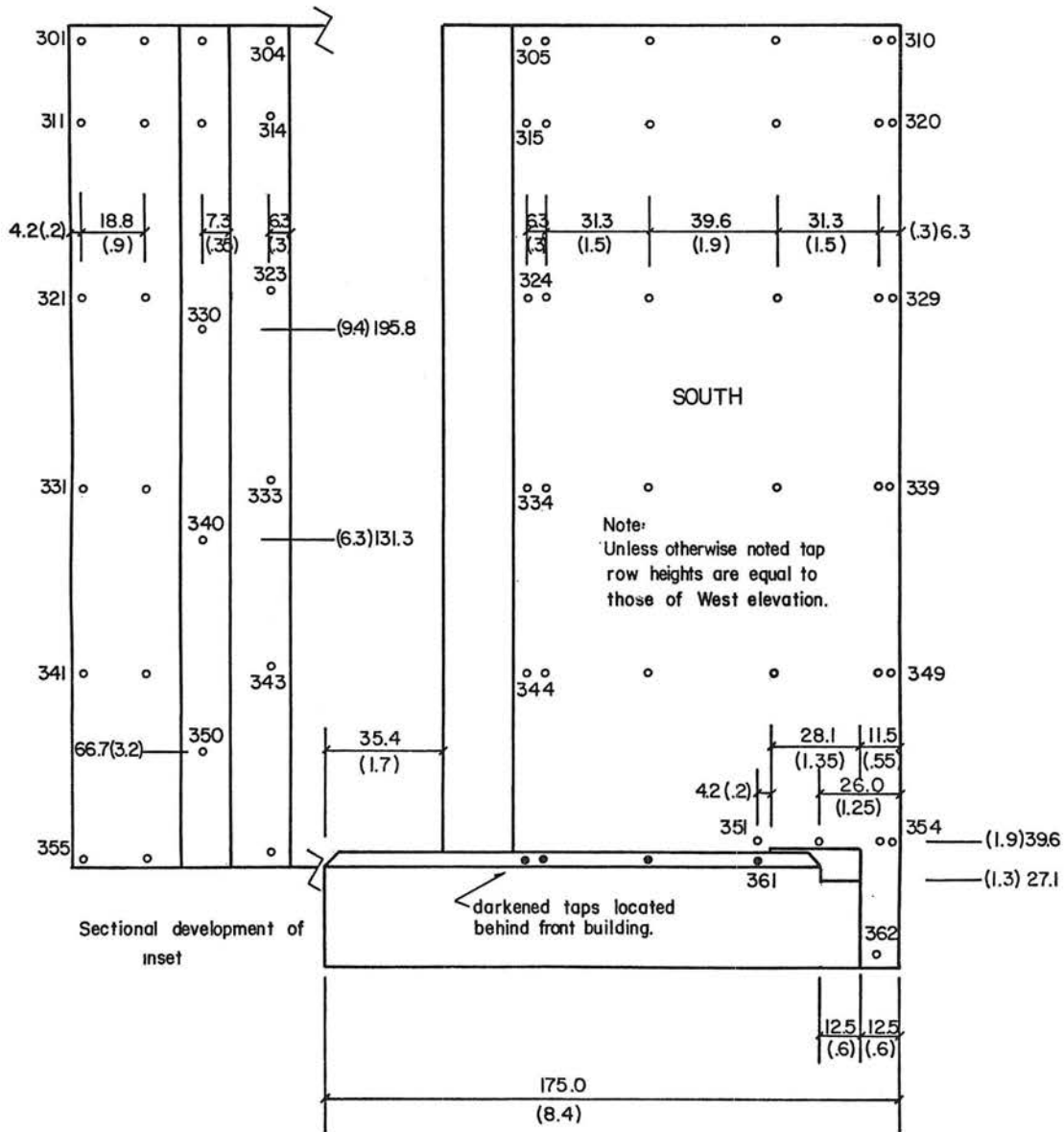


Figure 3d. Pressure Tap Locations

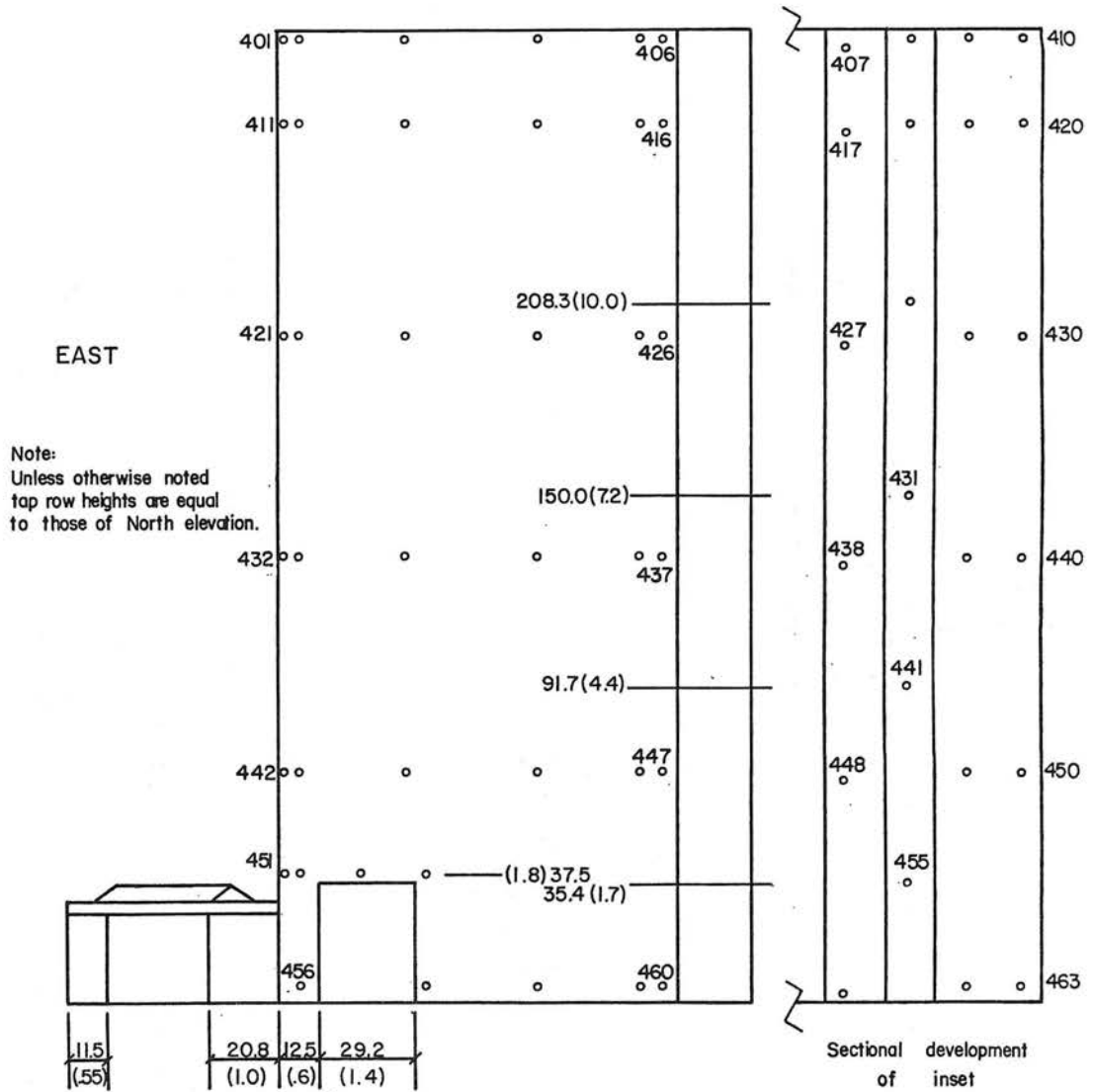
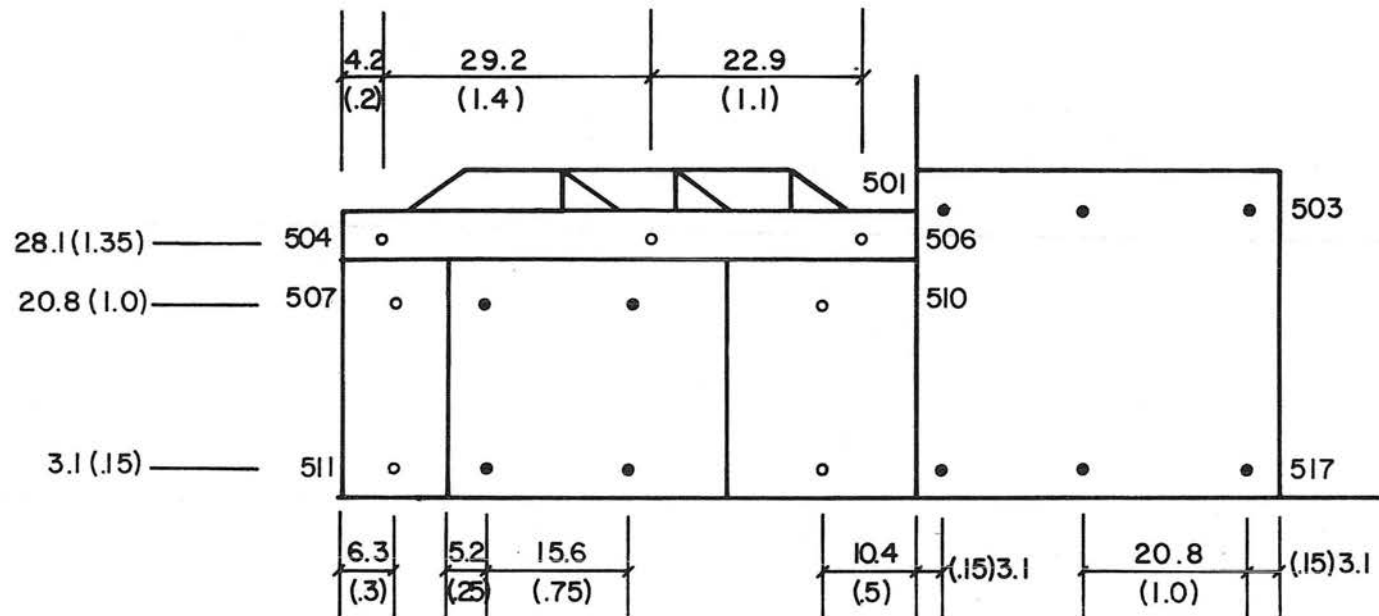


Figure 3e. Pressure Tap Locations

Note:
Darkened taps are located on
diagonal walls.



Undercut Area — East Elevation

Figure 3f. Pressure Tap Locations

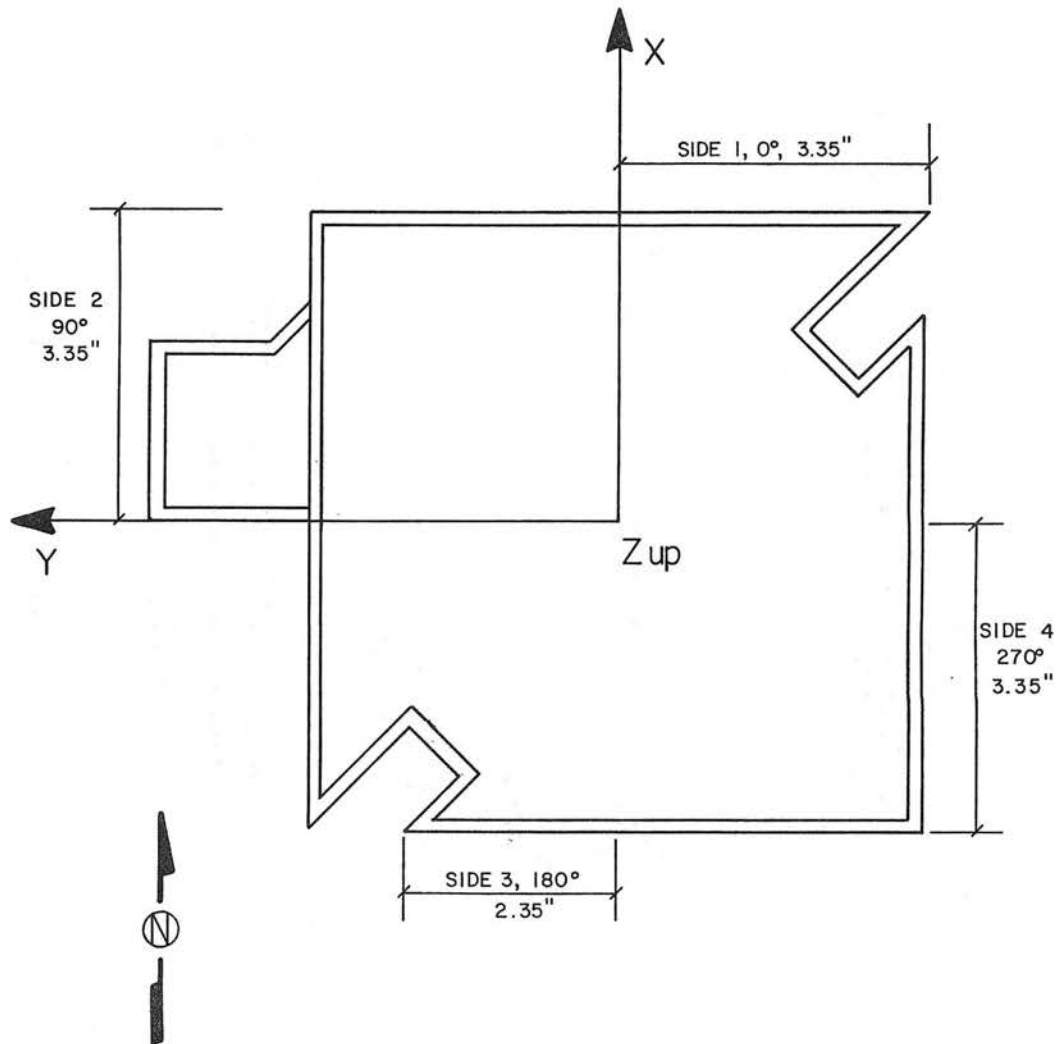


Figure 3g. Force and Moment Coordinate System

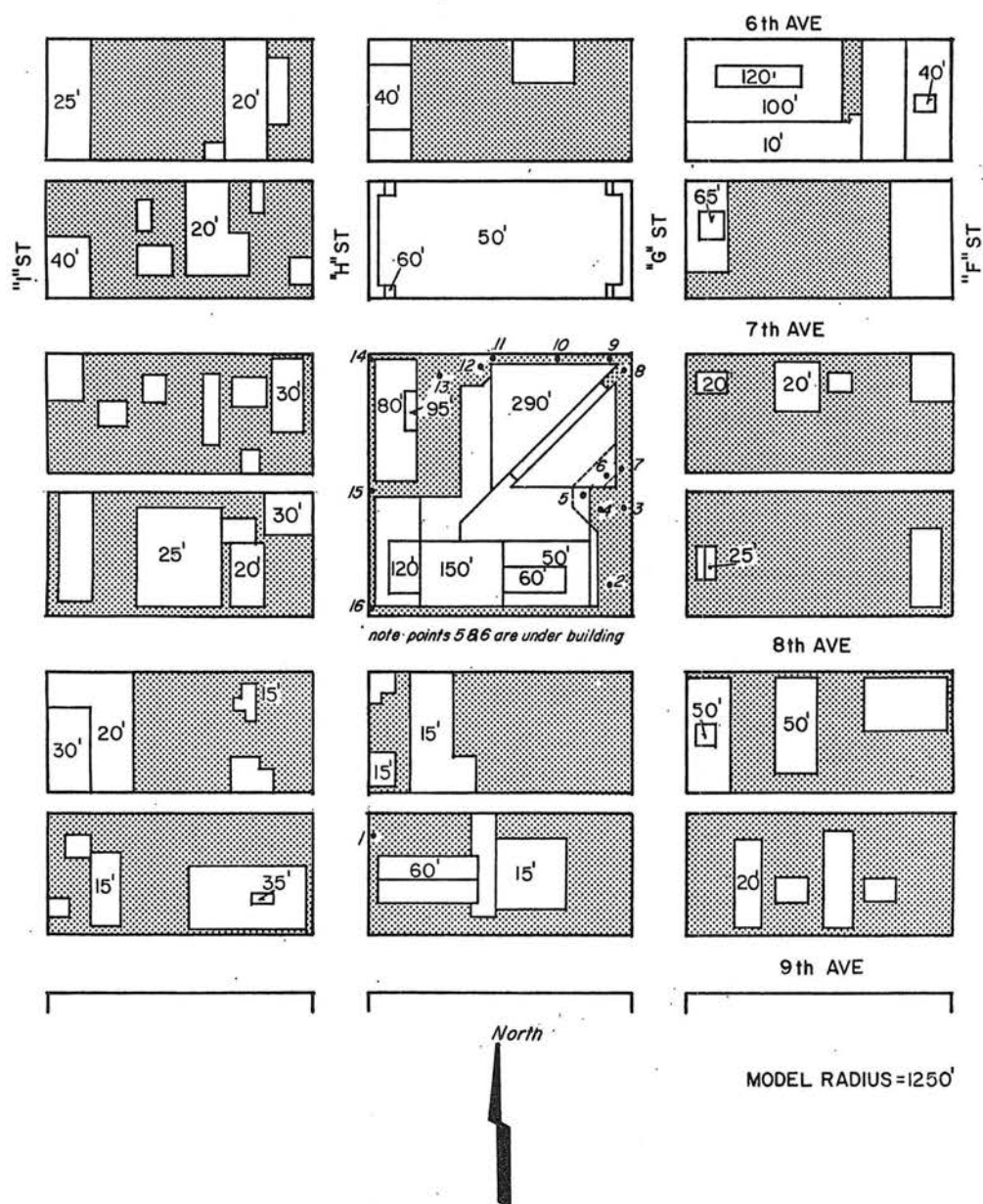


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

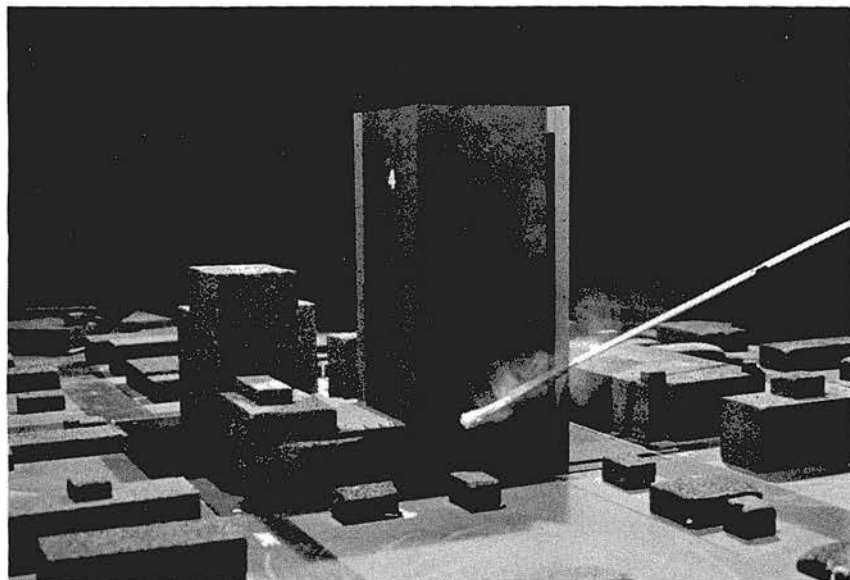


Figure 5. Completed Model in Wind Tunnel

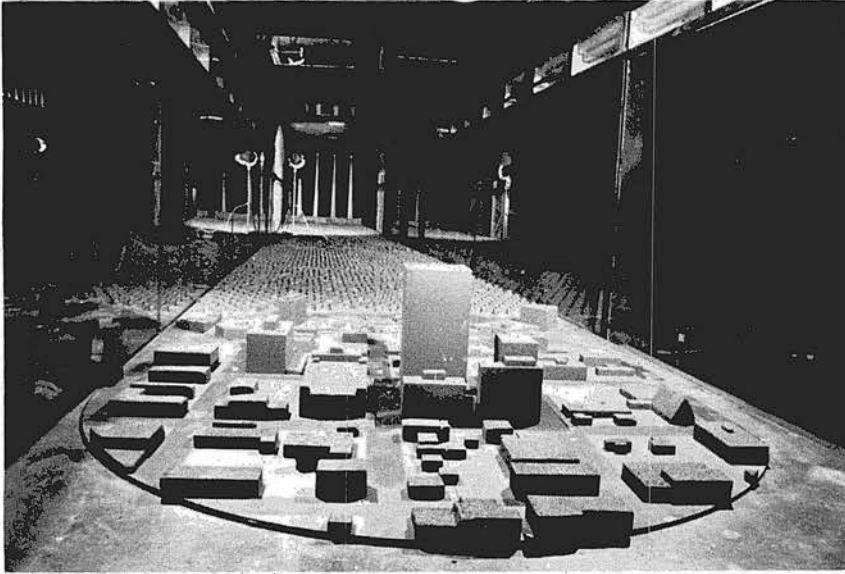


Figure 5. Completed Model in Wind Tunnel

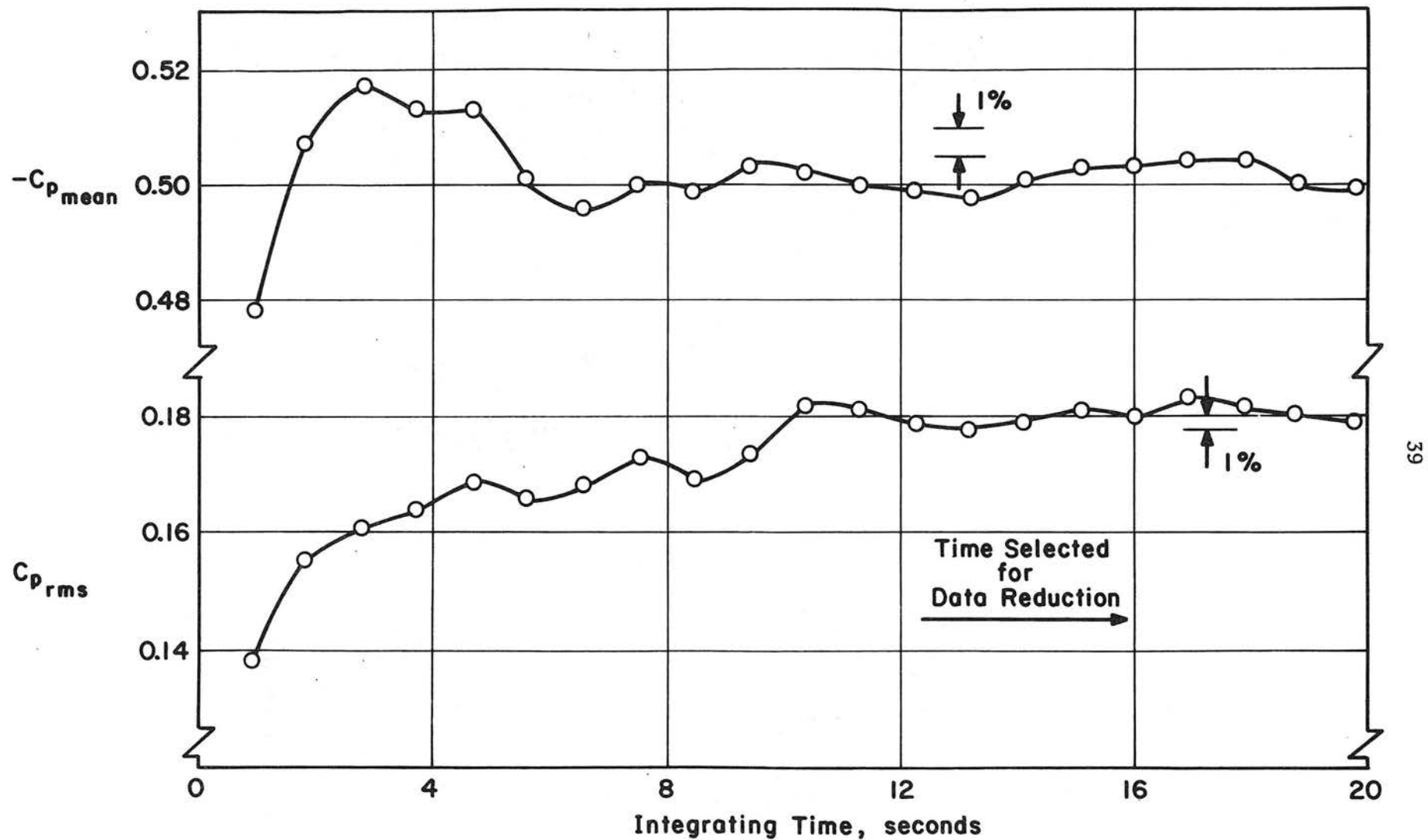


Figure 6- Data Sampling Time Verification

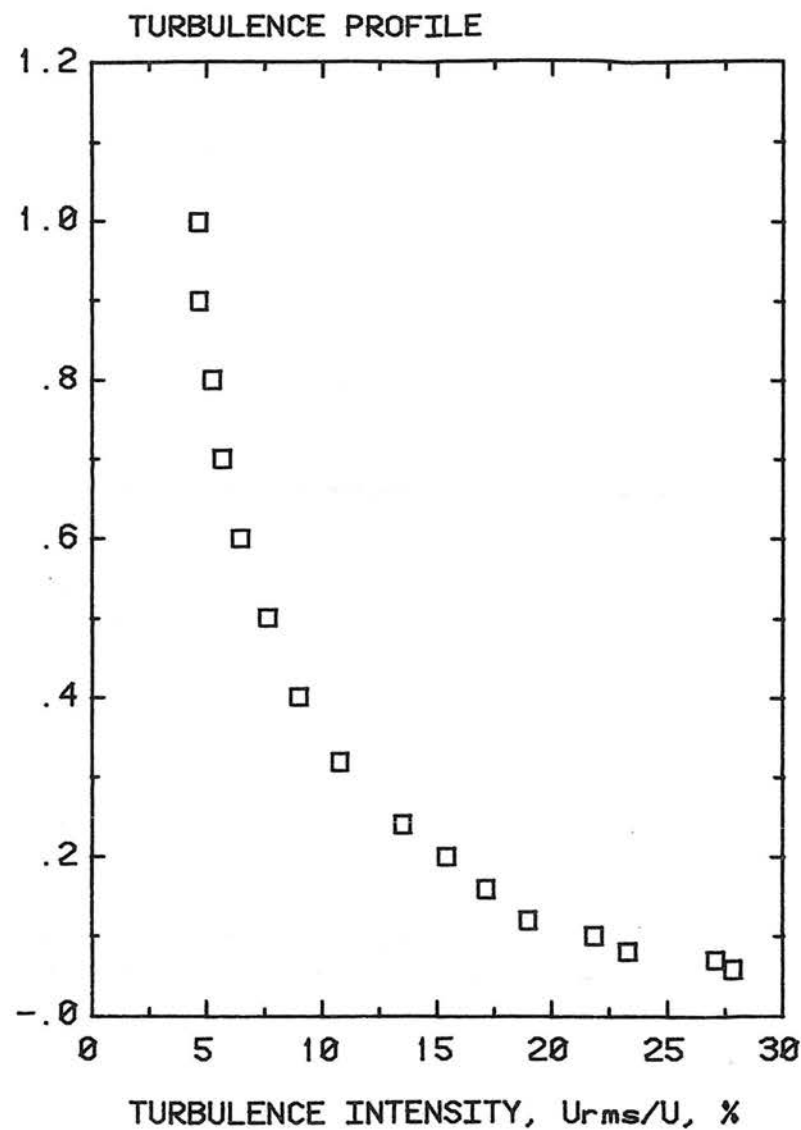
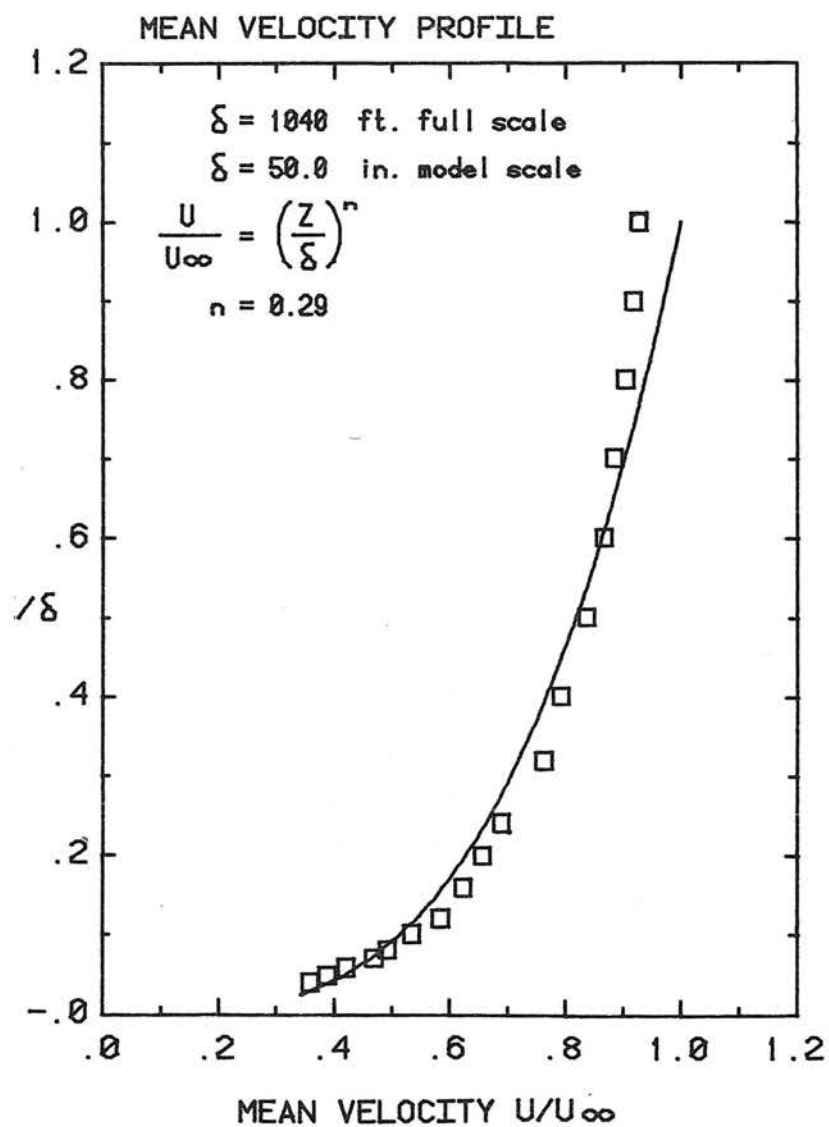


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model.

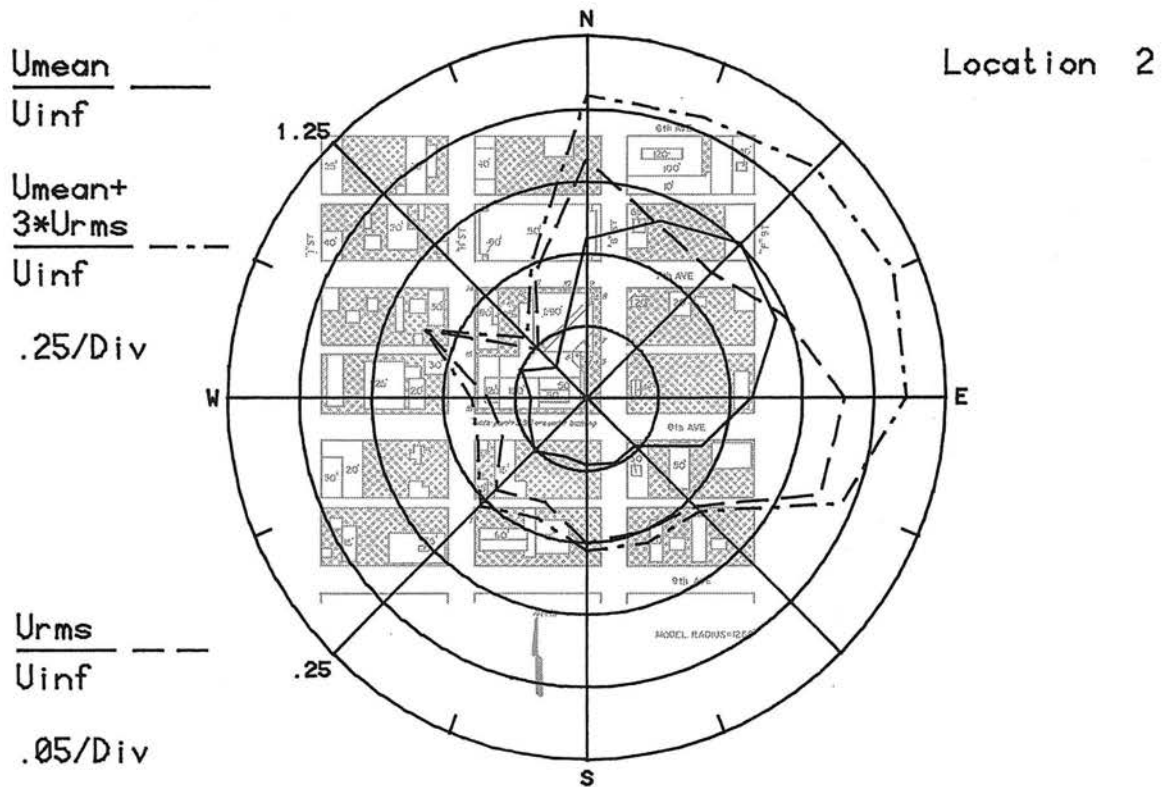
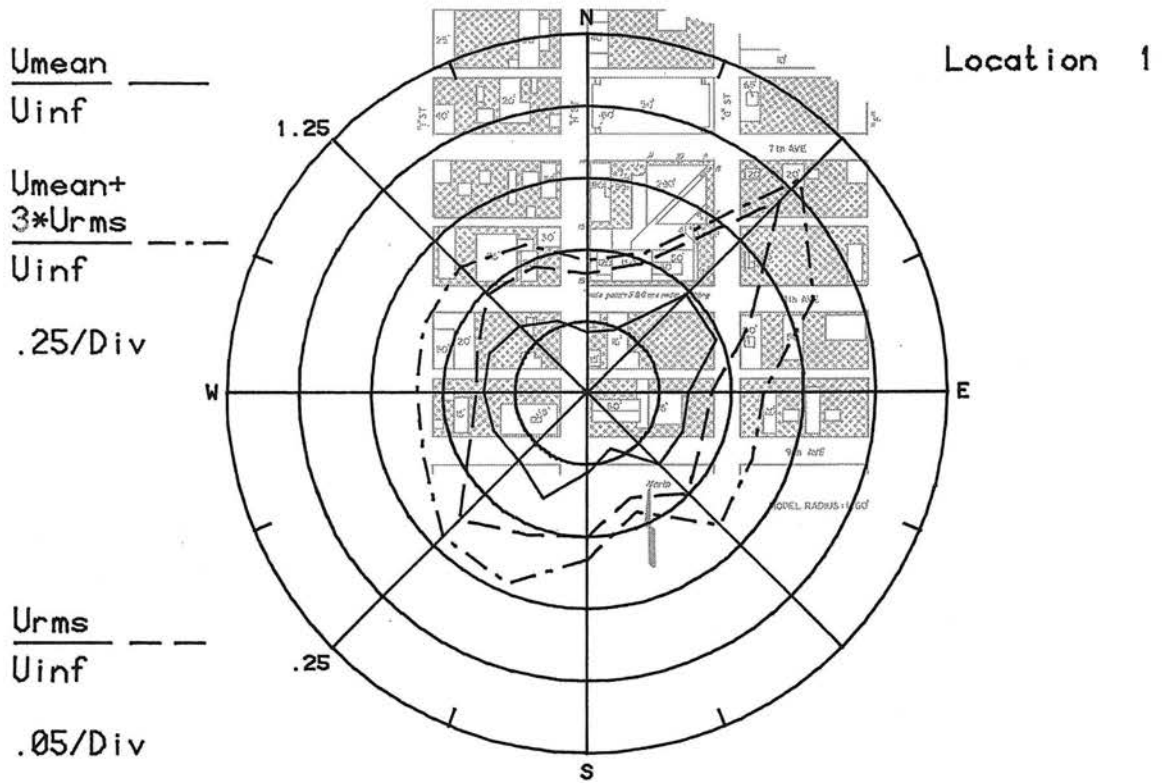


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

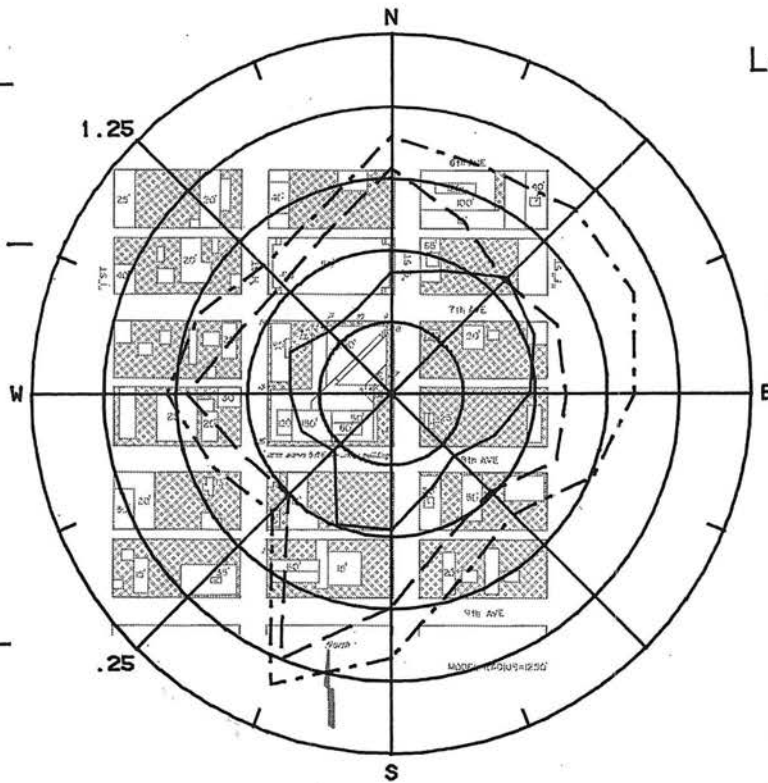
$\frac{U_{mean}}{U_{inf}}$ ———

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

 U_{inf}
 $.25/Div$
 $\frac{U_{rms}}{U_{inf}}$ - - -

 U_{inf}
 $.05/Div$

Location 3


 $\frac{U_{mean}}{U_{inf}}$ ———

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

 U_{inf}
 $.25/Div$
 $\frac{U_{rms}}{U_{inf}}$ - - -

 U_{inf}
 $.05/Div$

Location 4

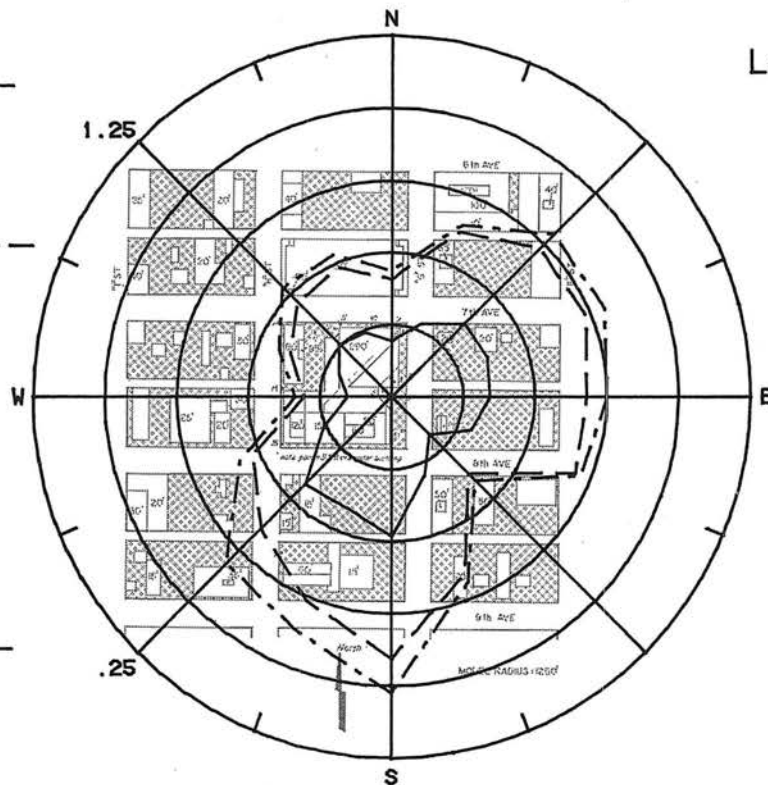


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

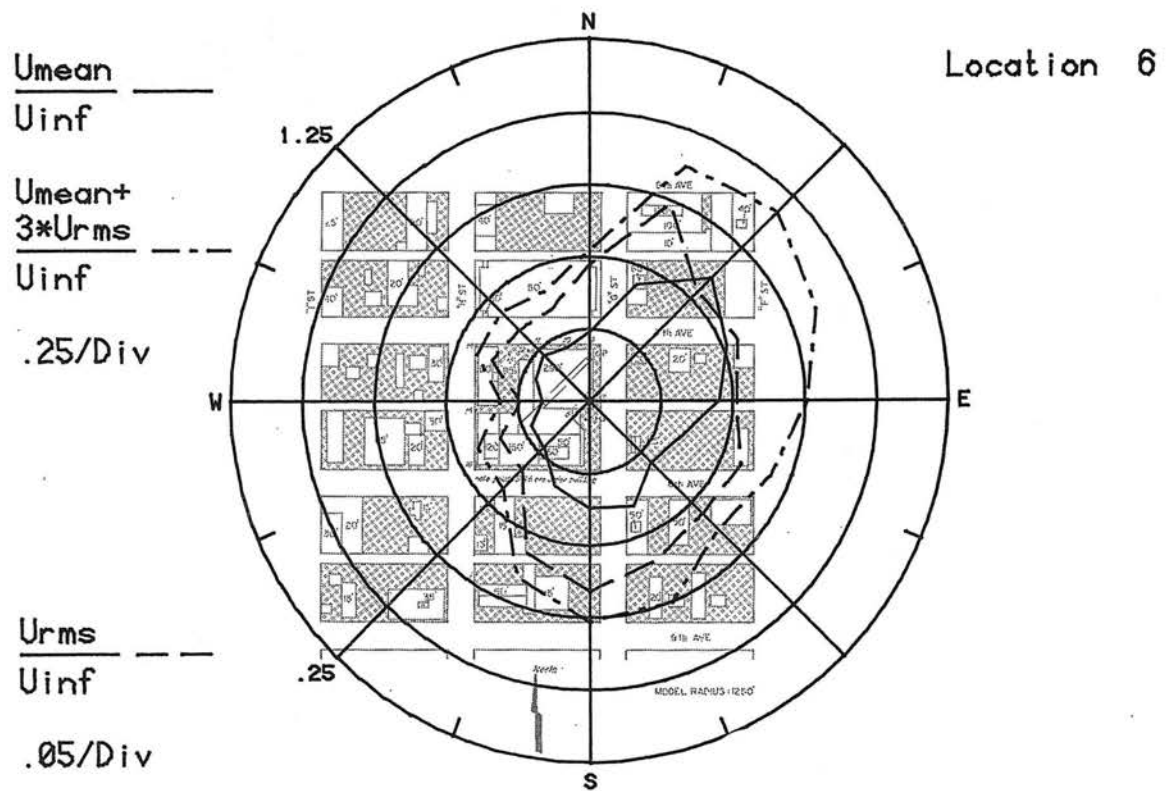
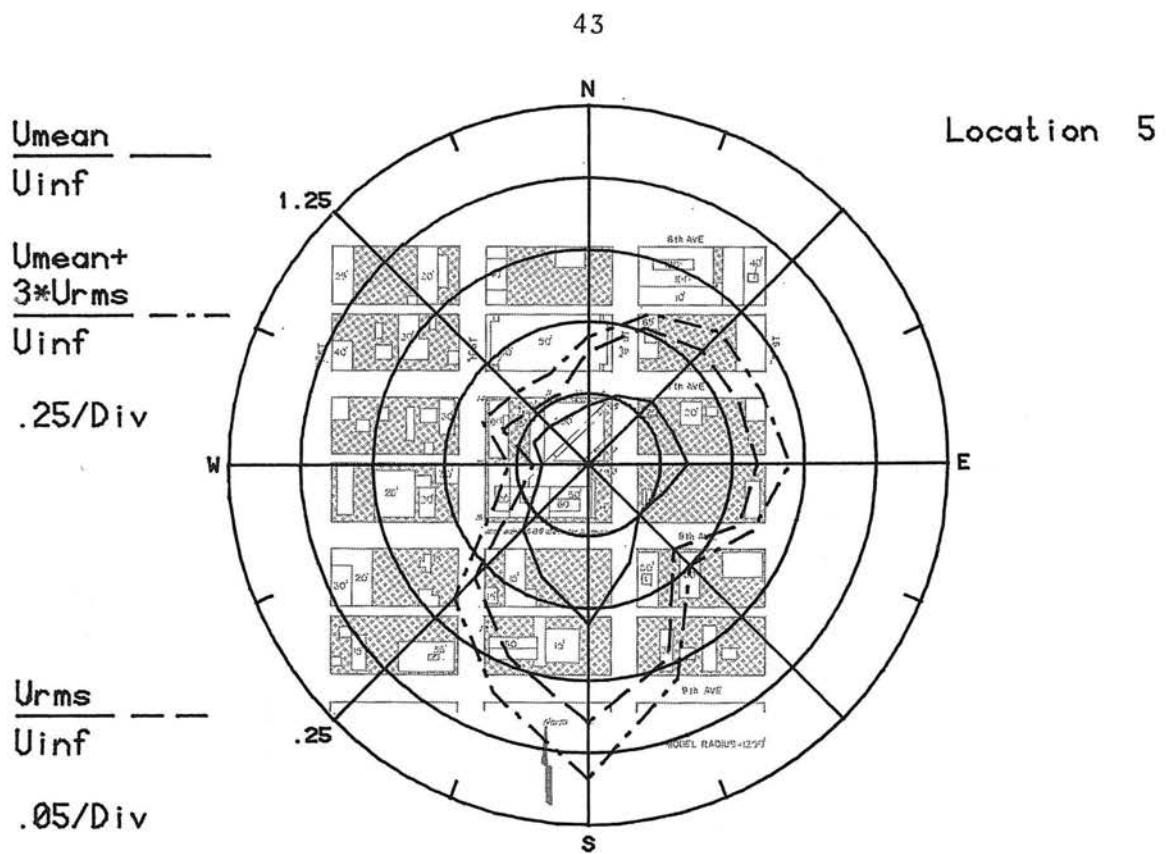


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

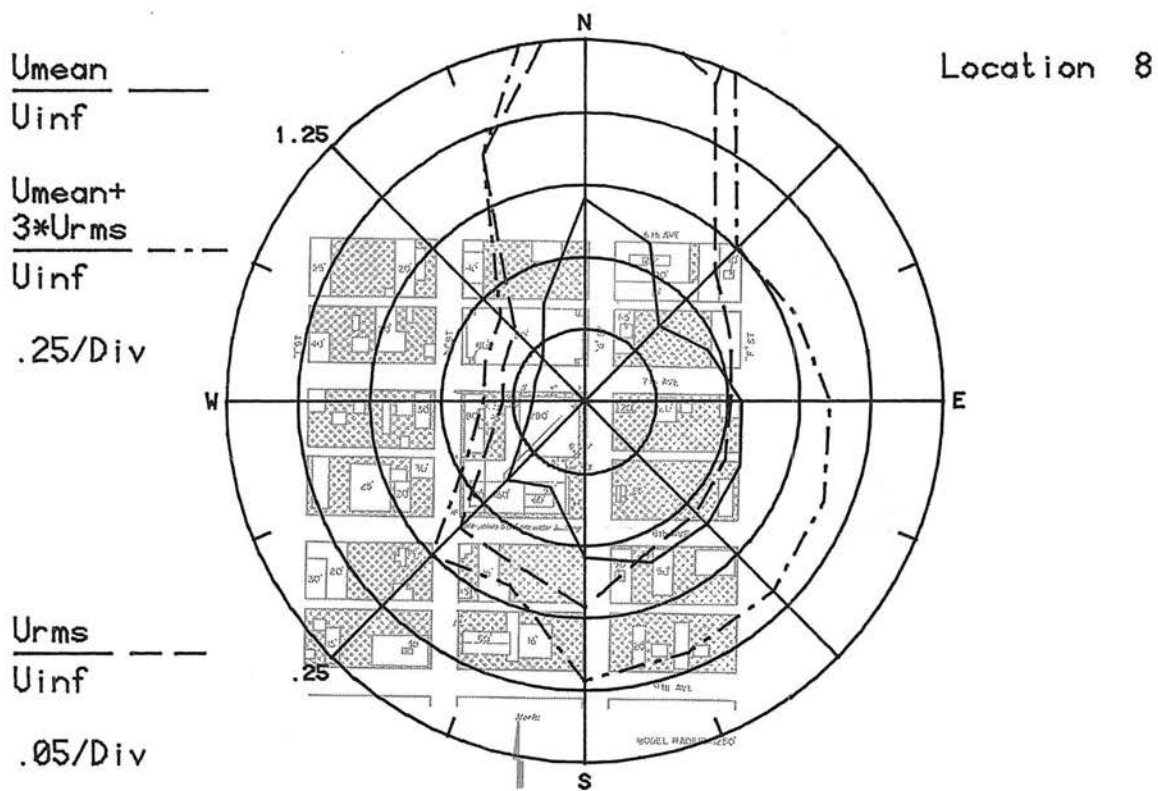
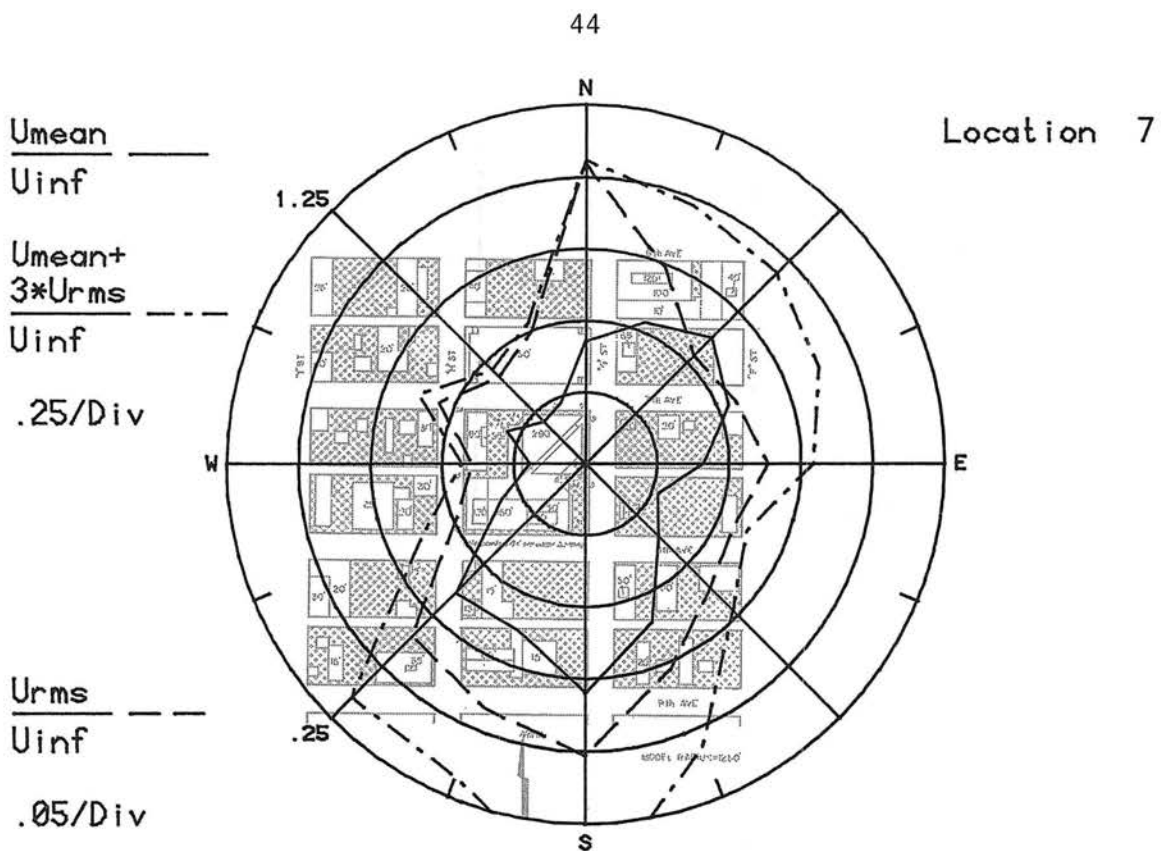


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

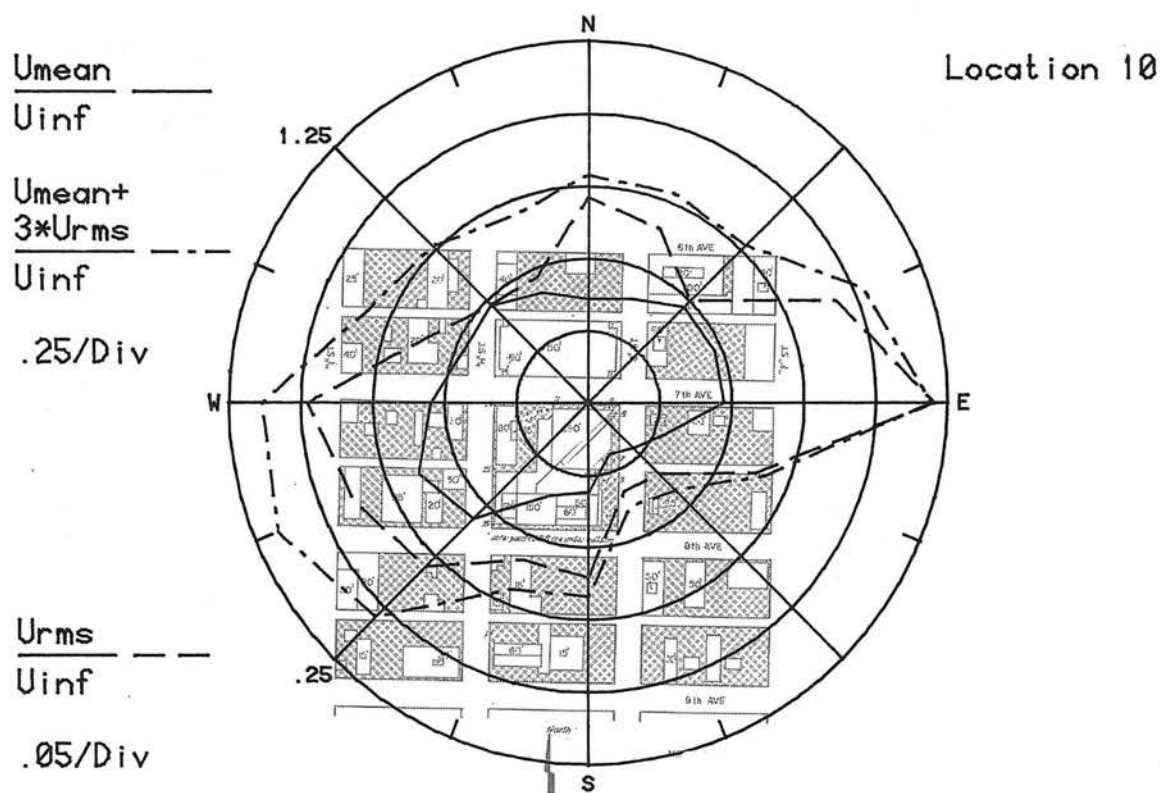
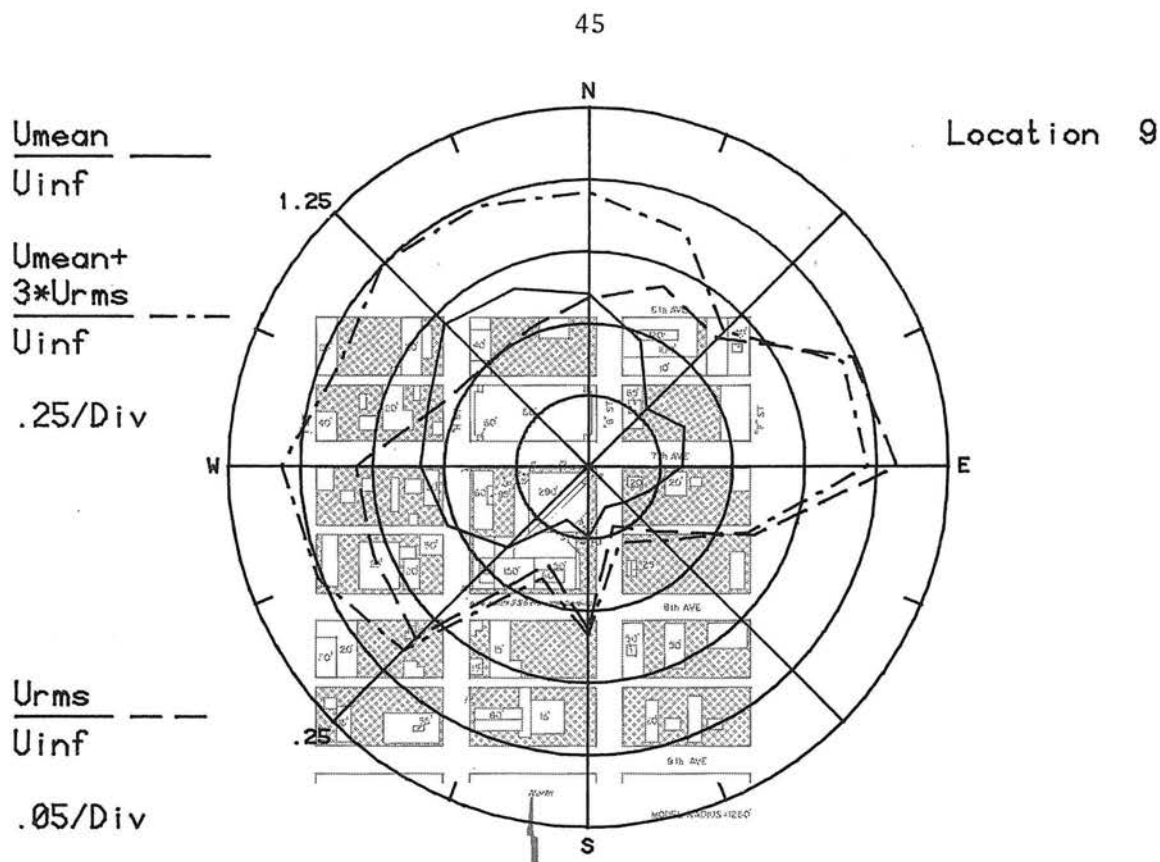


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

Location 11

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

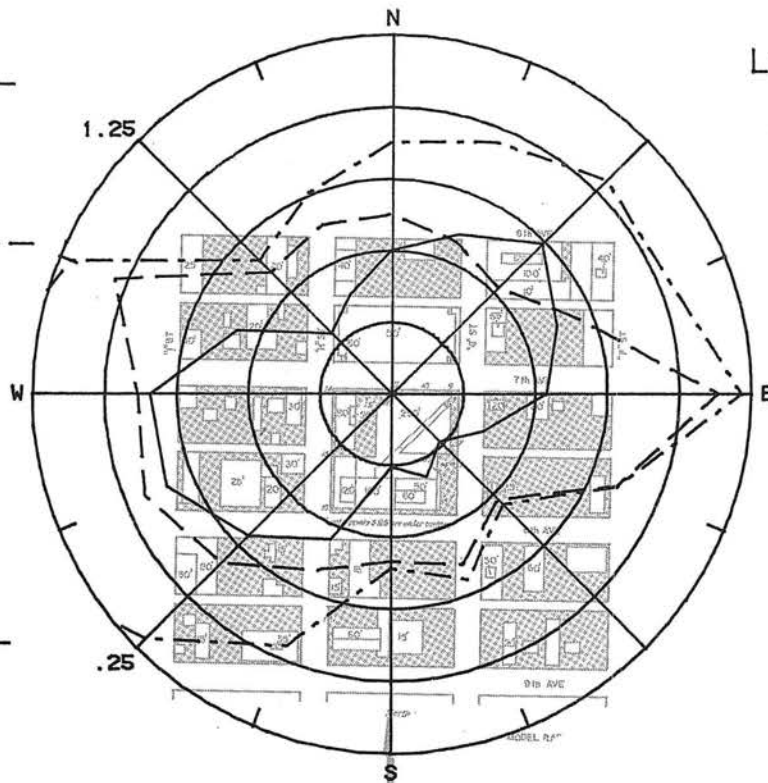
U_{inf}

.25/Div

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

U_{inf}

.05/Div



$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

Location 12

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

U_{inf}

.25/Div

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

U_{inf}

.05/Div

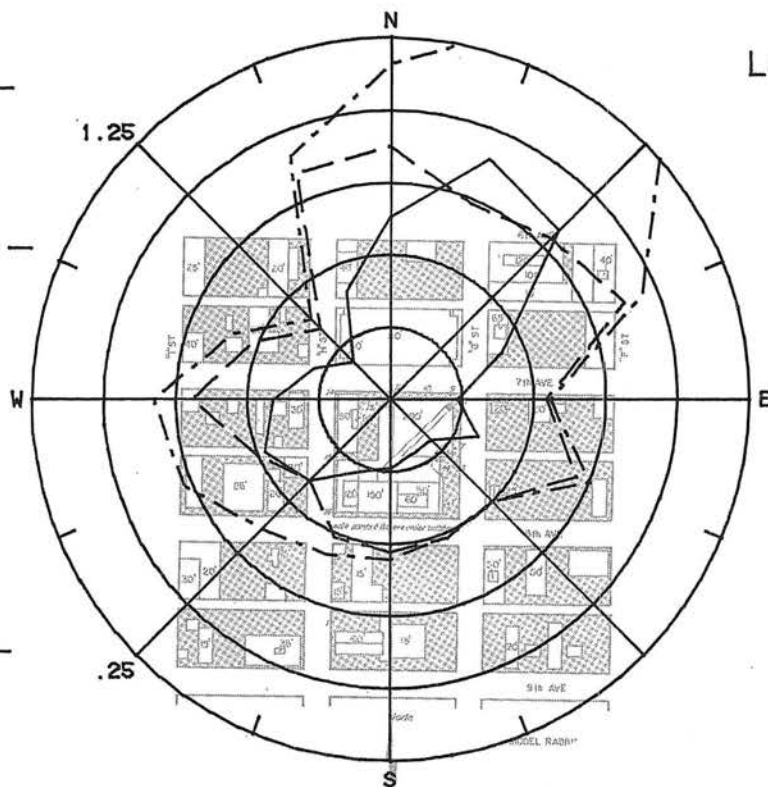


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

$\frac{U_{mean}}{U_{inf}}$ ———

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

 U_{inf}

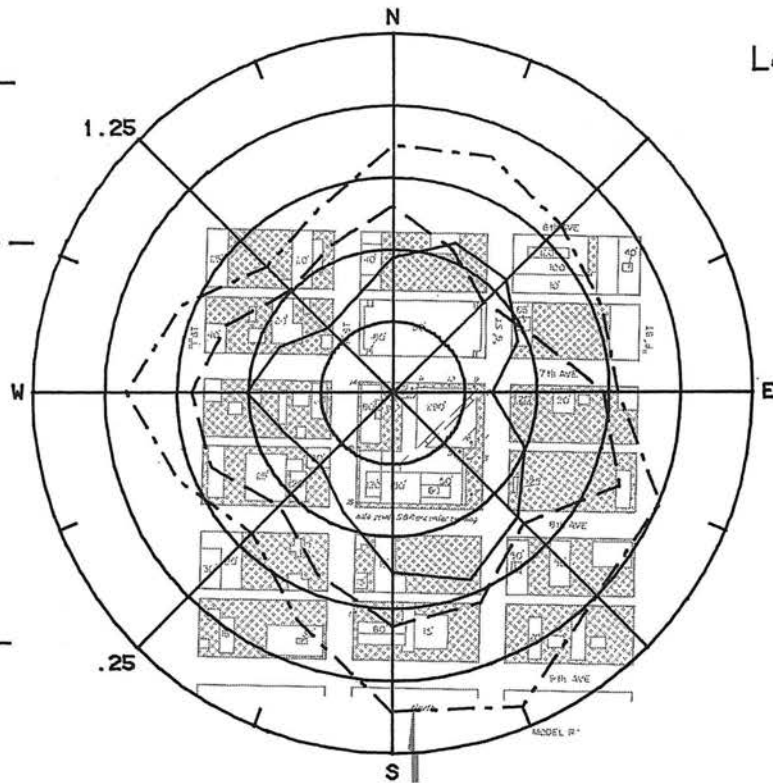
.25/Div

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

 U_{inf}

.05/Div

Location 13


 $\frac{U_{mean}}{U_{inf}}$ ———

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

 U_{inf}

.25/Div

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

 U_{inf}

.05/Div

Location 14

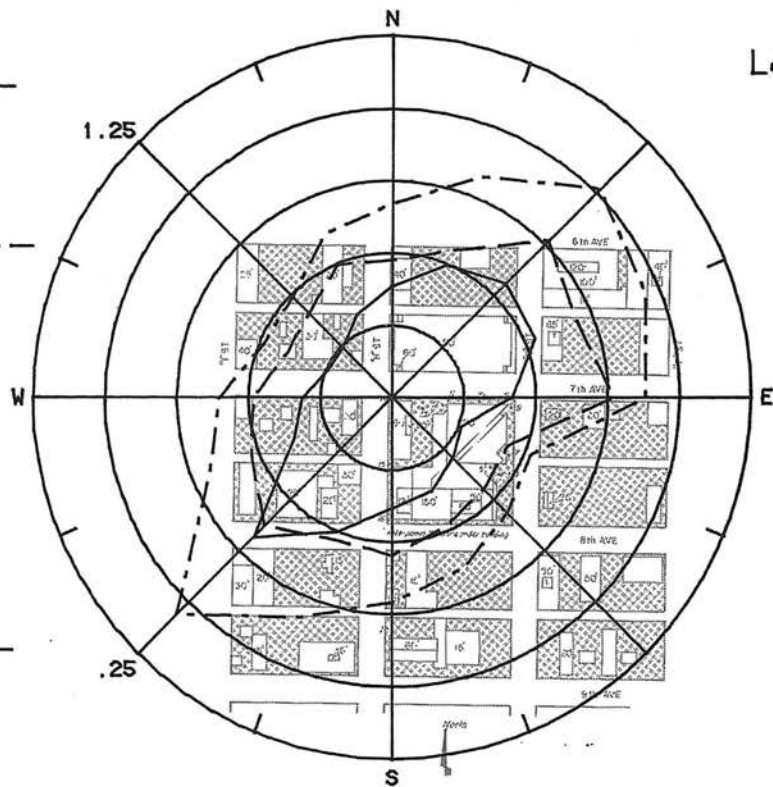


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

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

$$U_{inf}$$

$$U_{mean} + 3 \cdot U_{rms}$$

$$U_{inf}$$

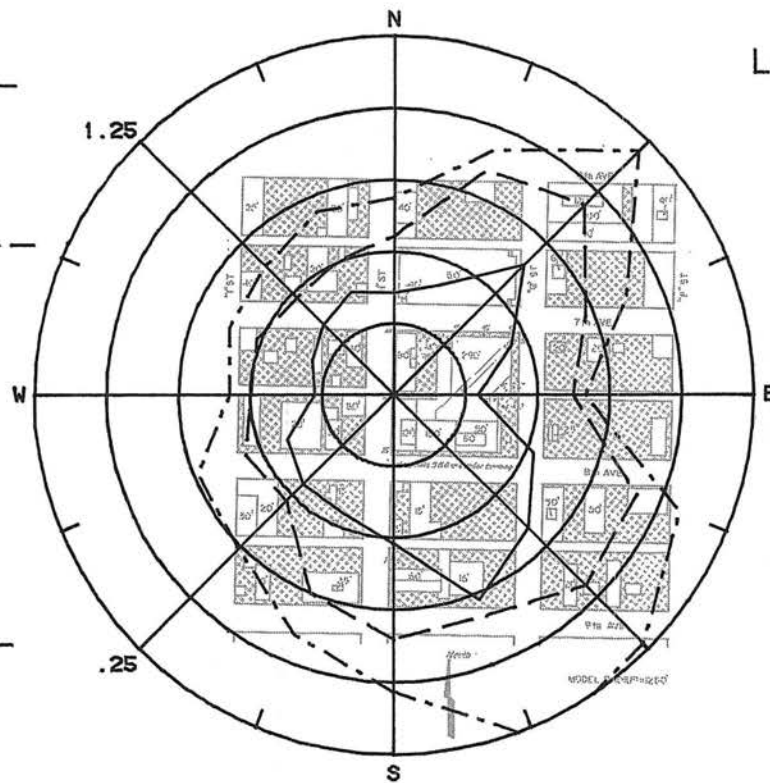
$$.25/Div$$

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

$$U_{inf}$$

$$.05/Div$$

Location 15



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

$$U_{inf}$$

$$U_{mean} + 3 \cdot U_{rms}$$

$$U_{inf}$$

$$.25/Div$$

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

$$U_{inf}$$

$$.05/Div$$

Location 16

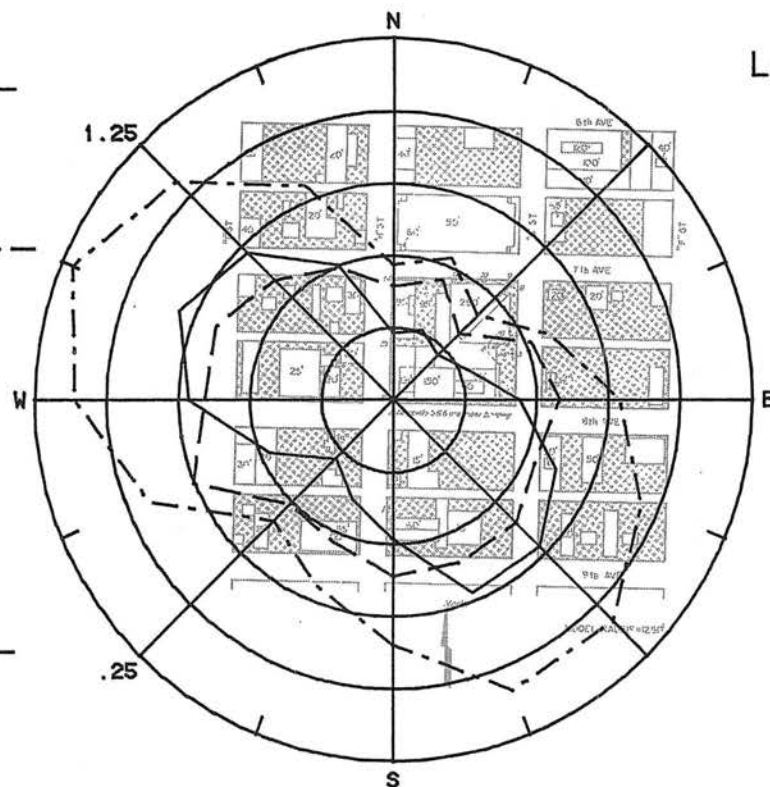


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

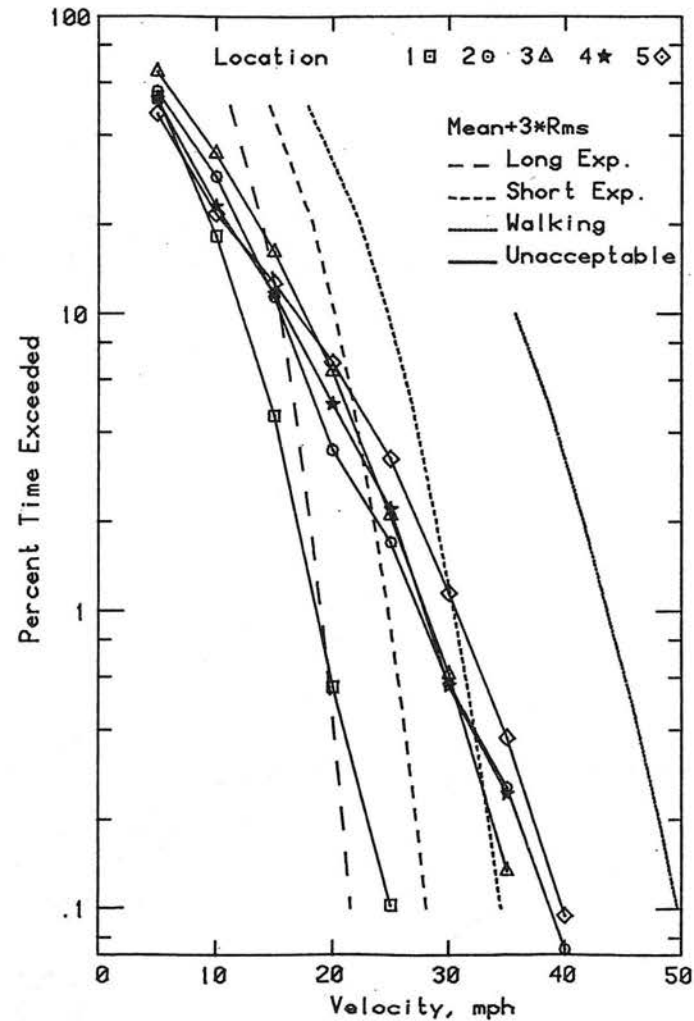
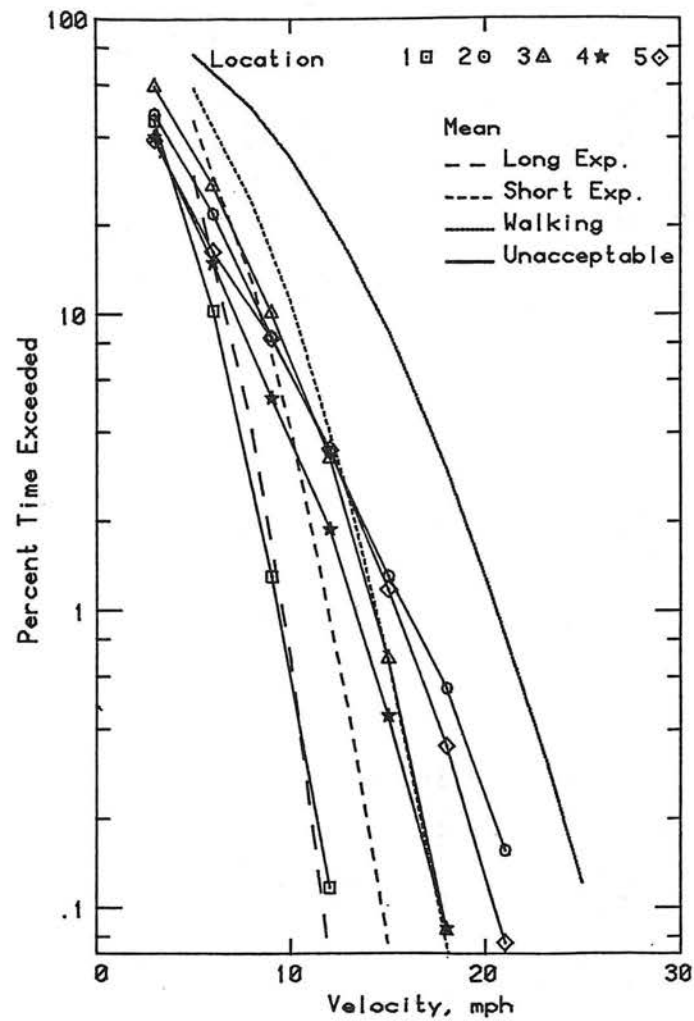


Figure 9a. Wind-Velocity Probabilities for Pedestrian Locations

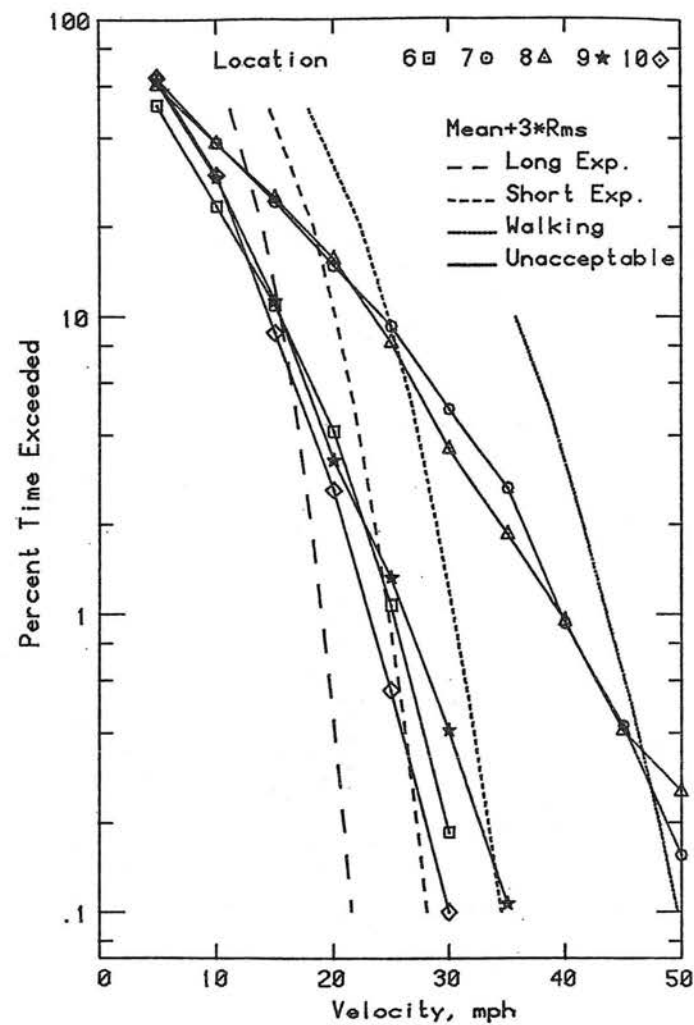
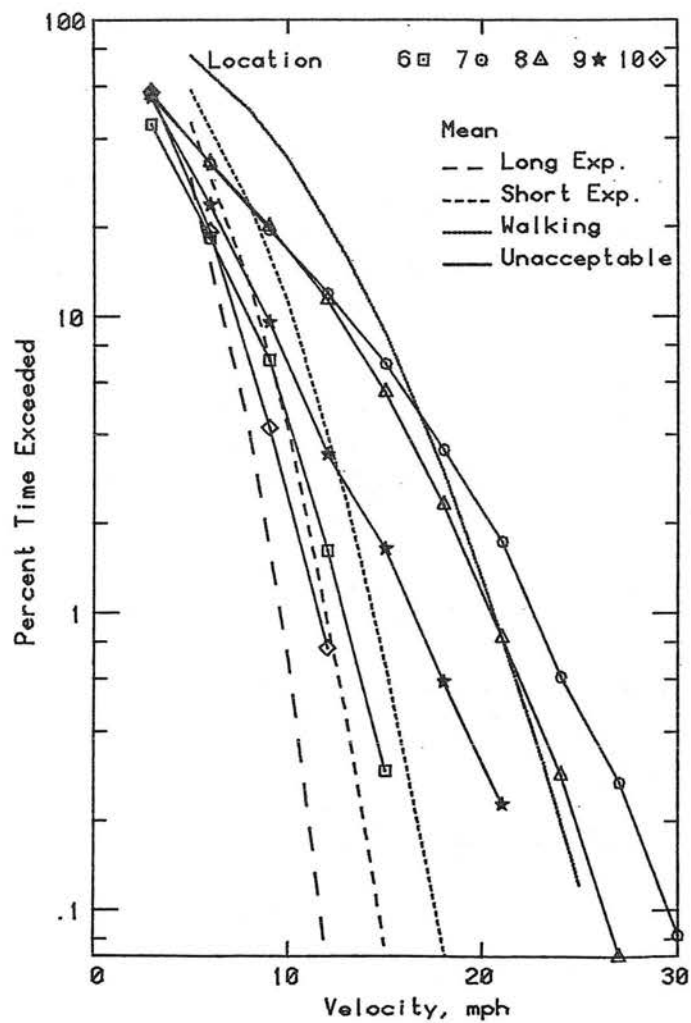


Figure 9b. Wind-Velocity Probabilities for Pedestrian Locations

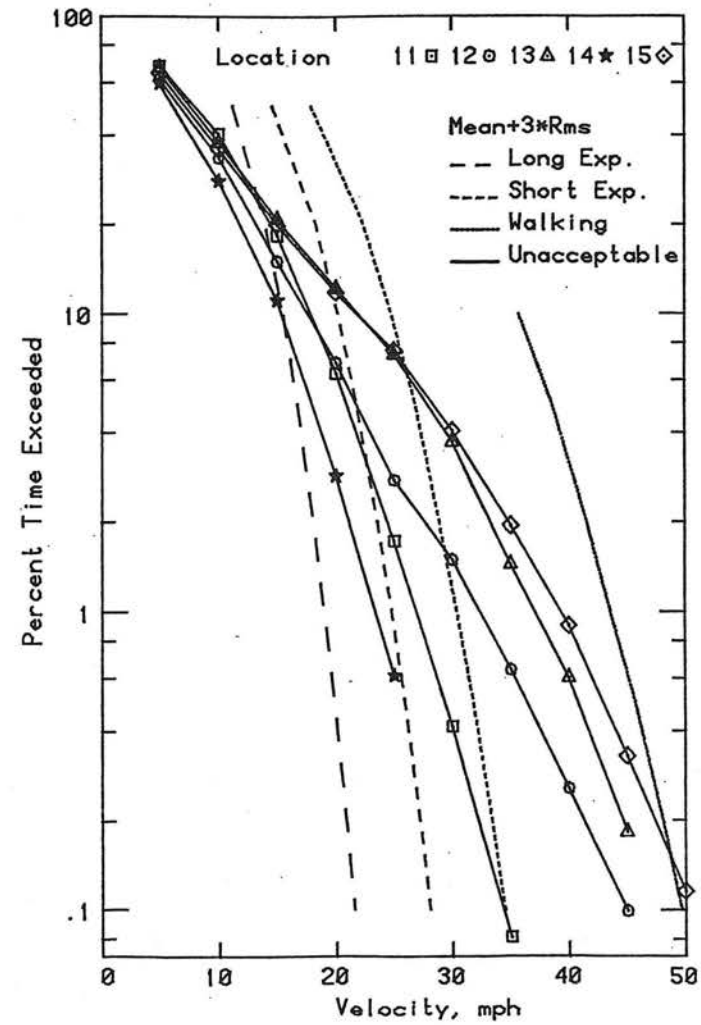
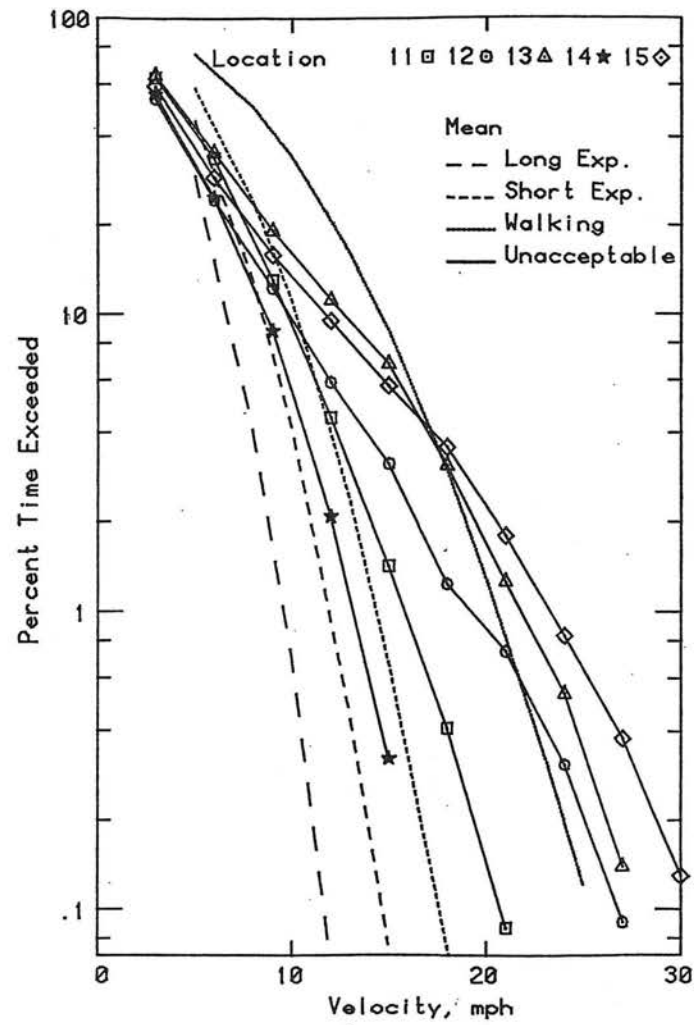


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

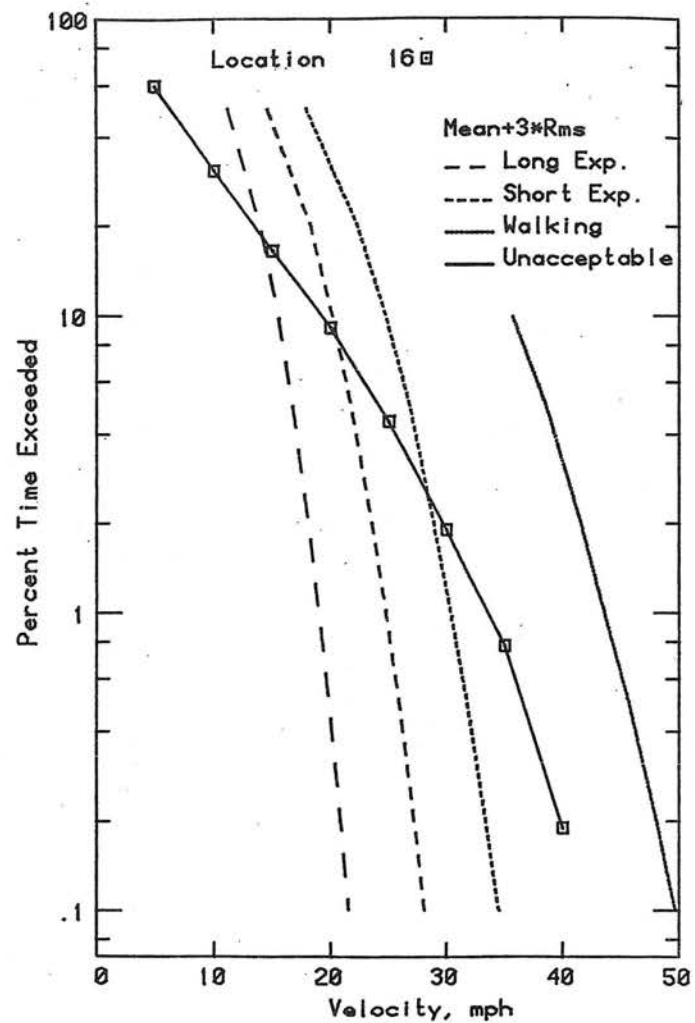
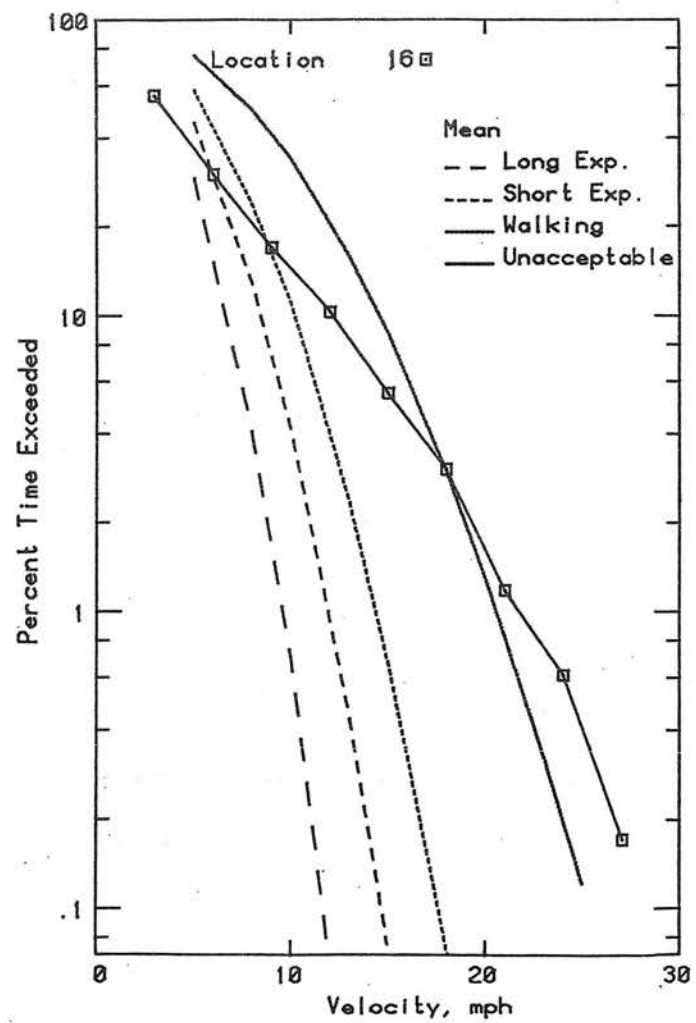


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

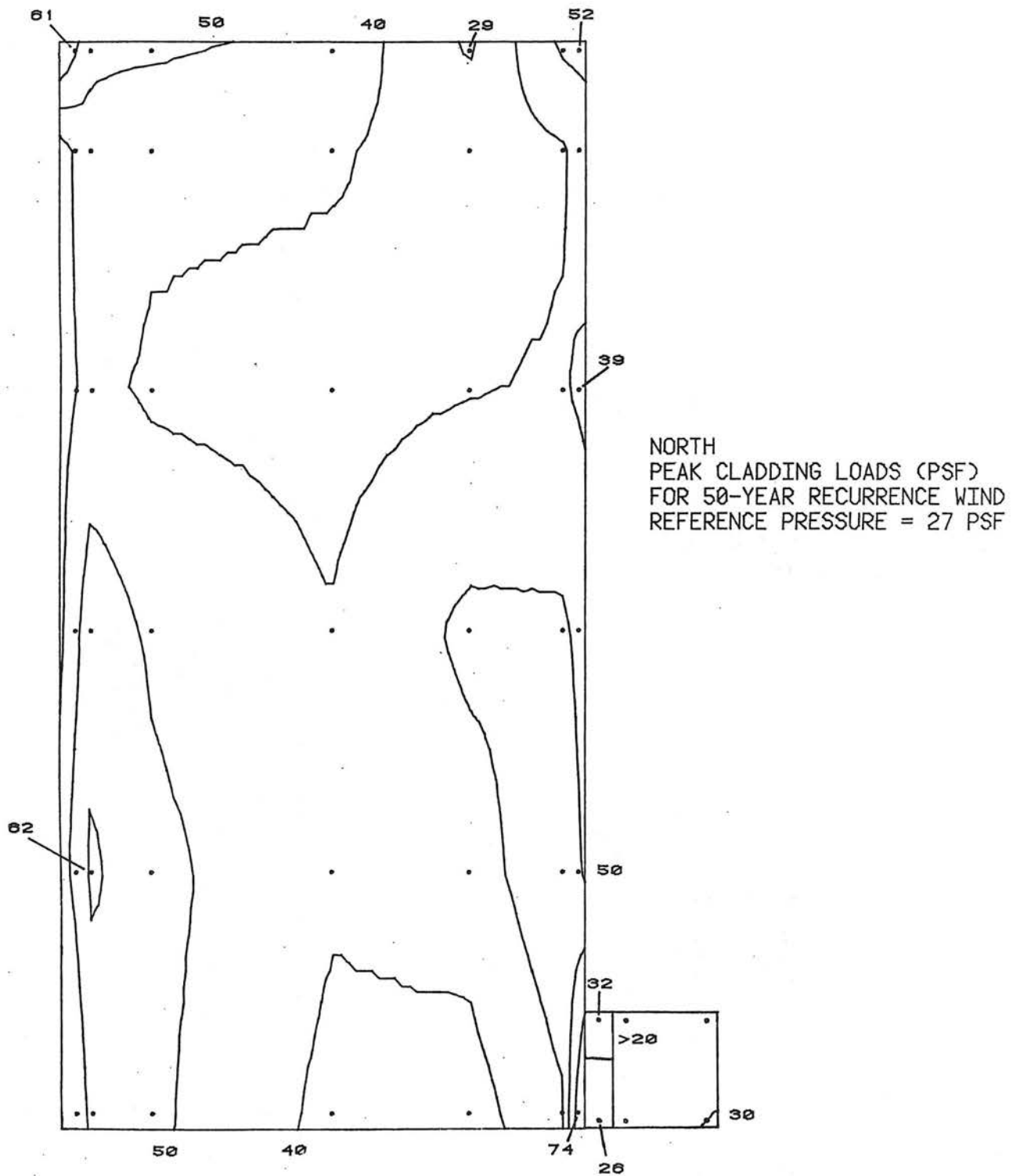


Figure 10a. Peak-Pressure Contours on the Building for Cladding Loads

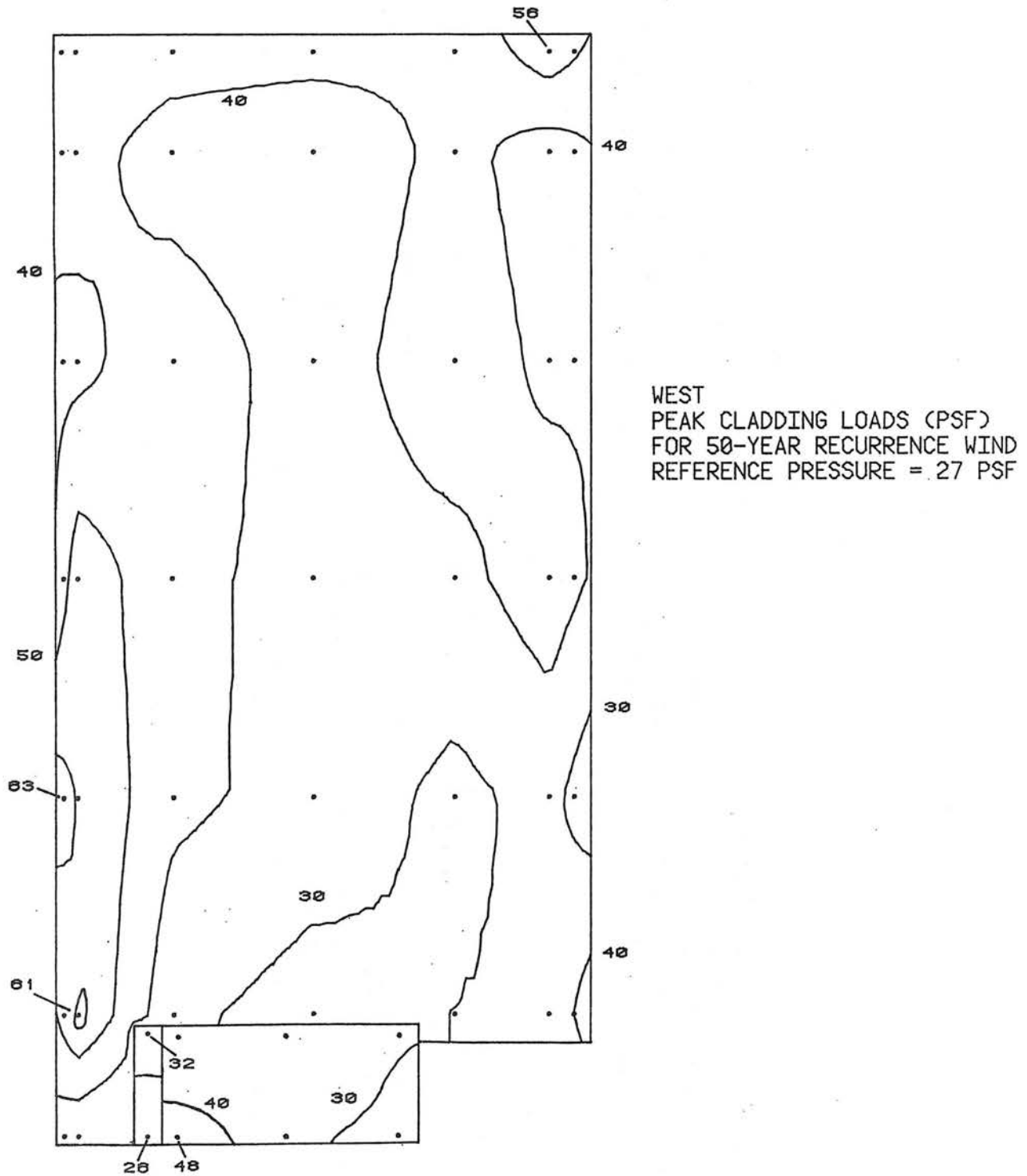


Figure 10b. Peak-Pressure Contours on the Building
for Cladding Loads

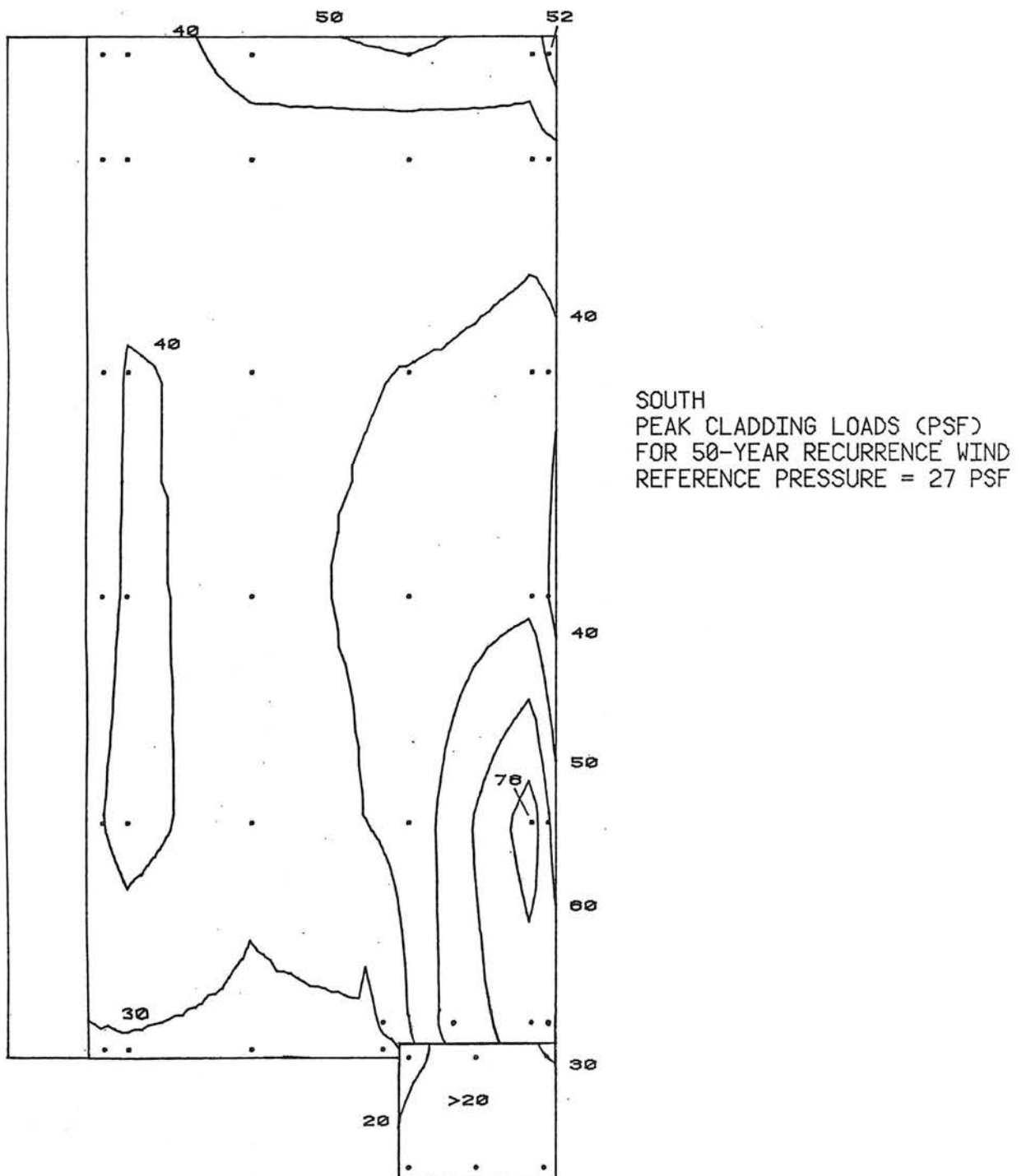
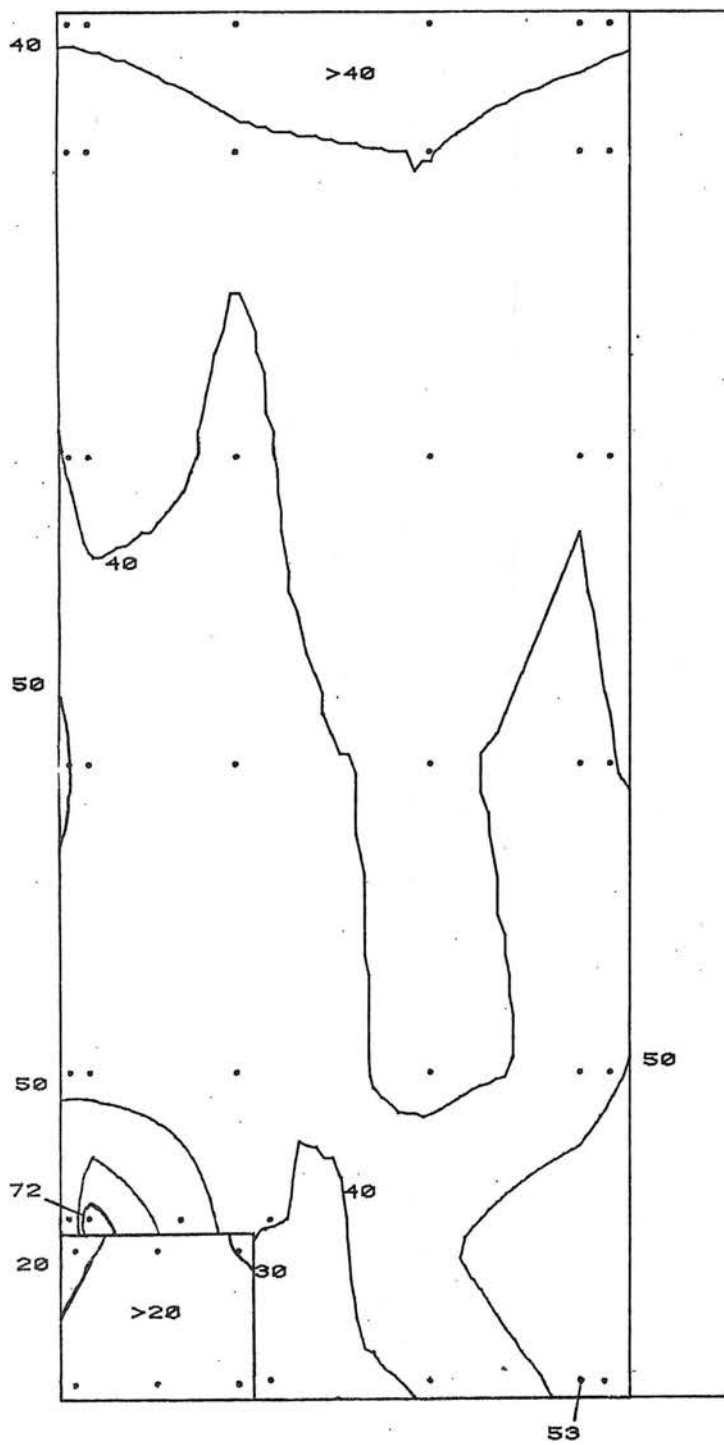


Figure 10c. Peak-Pressure Contours on the Building for Cladding Loads



EAST
 PEAK CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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

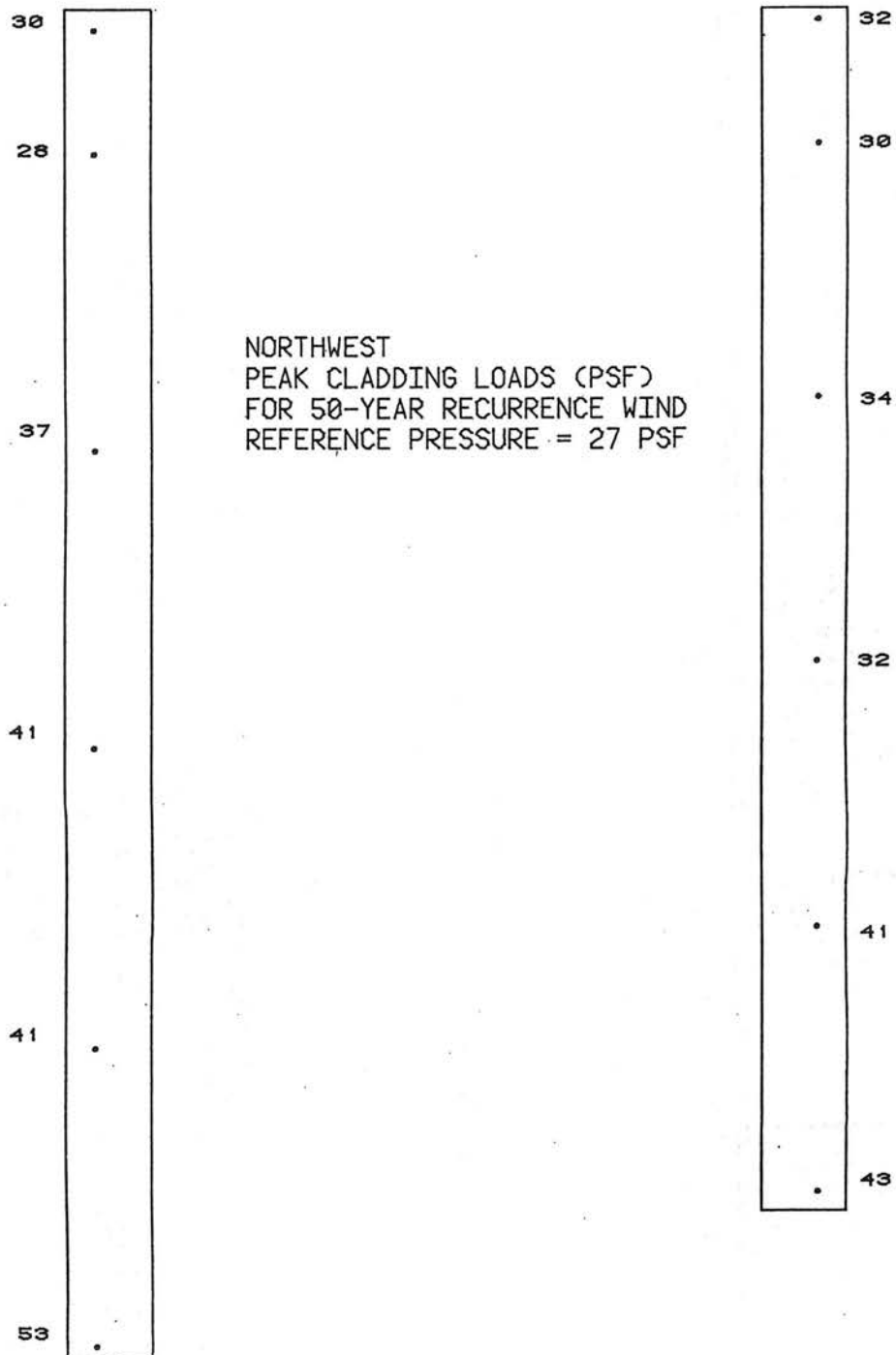
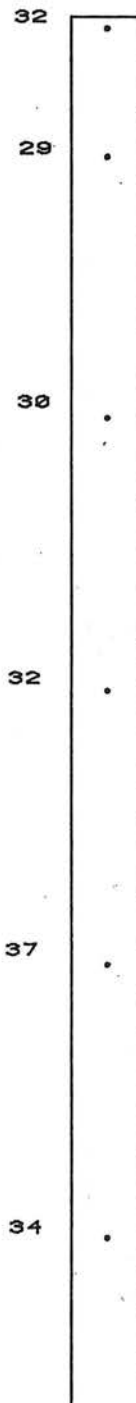


Figure 10e. Peak-Pressure Contours on the Building for Cladding Loads

SOUTHWEST
PEAK CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF



NORTHEAST
PEAK CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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

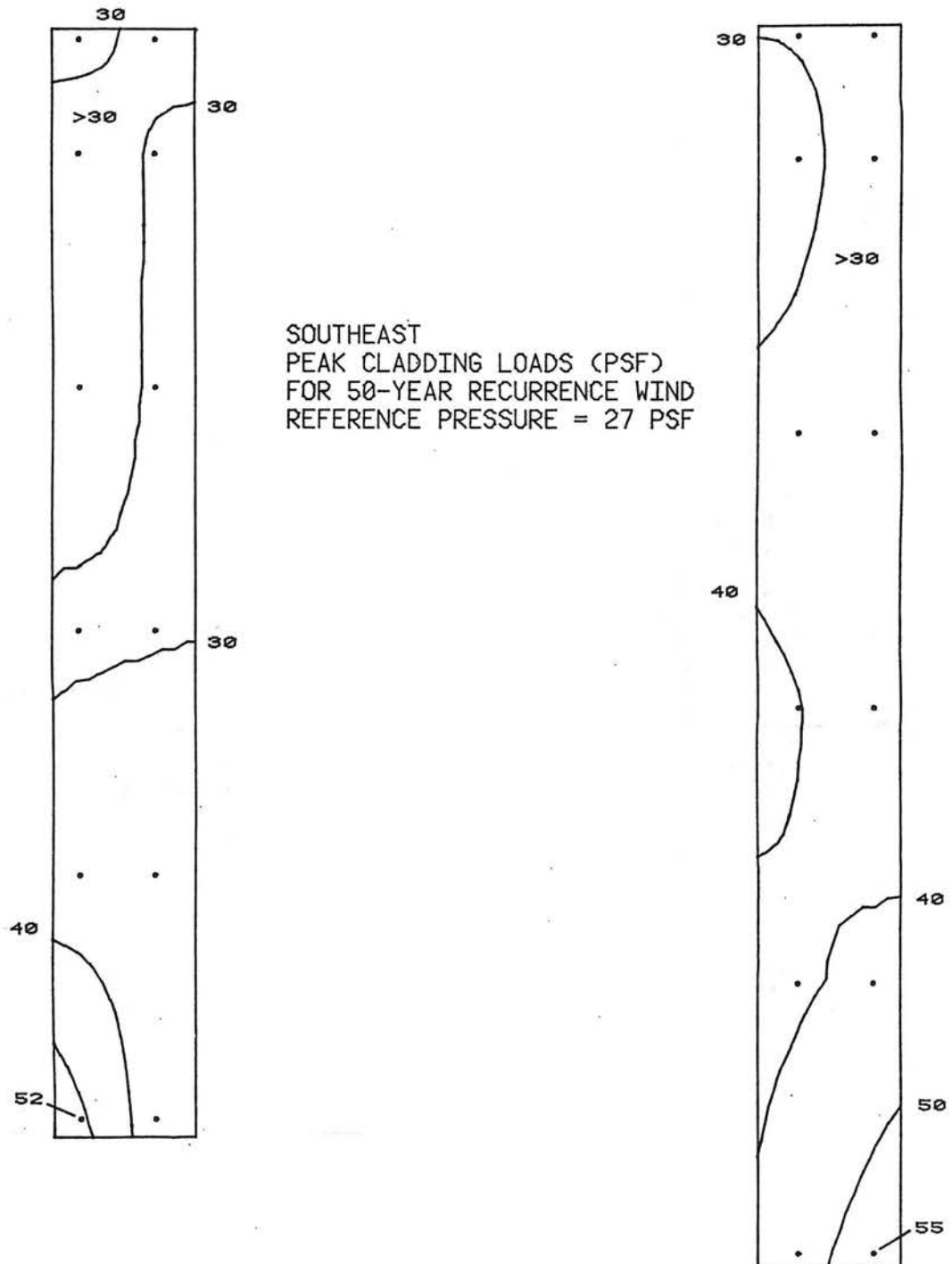
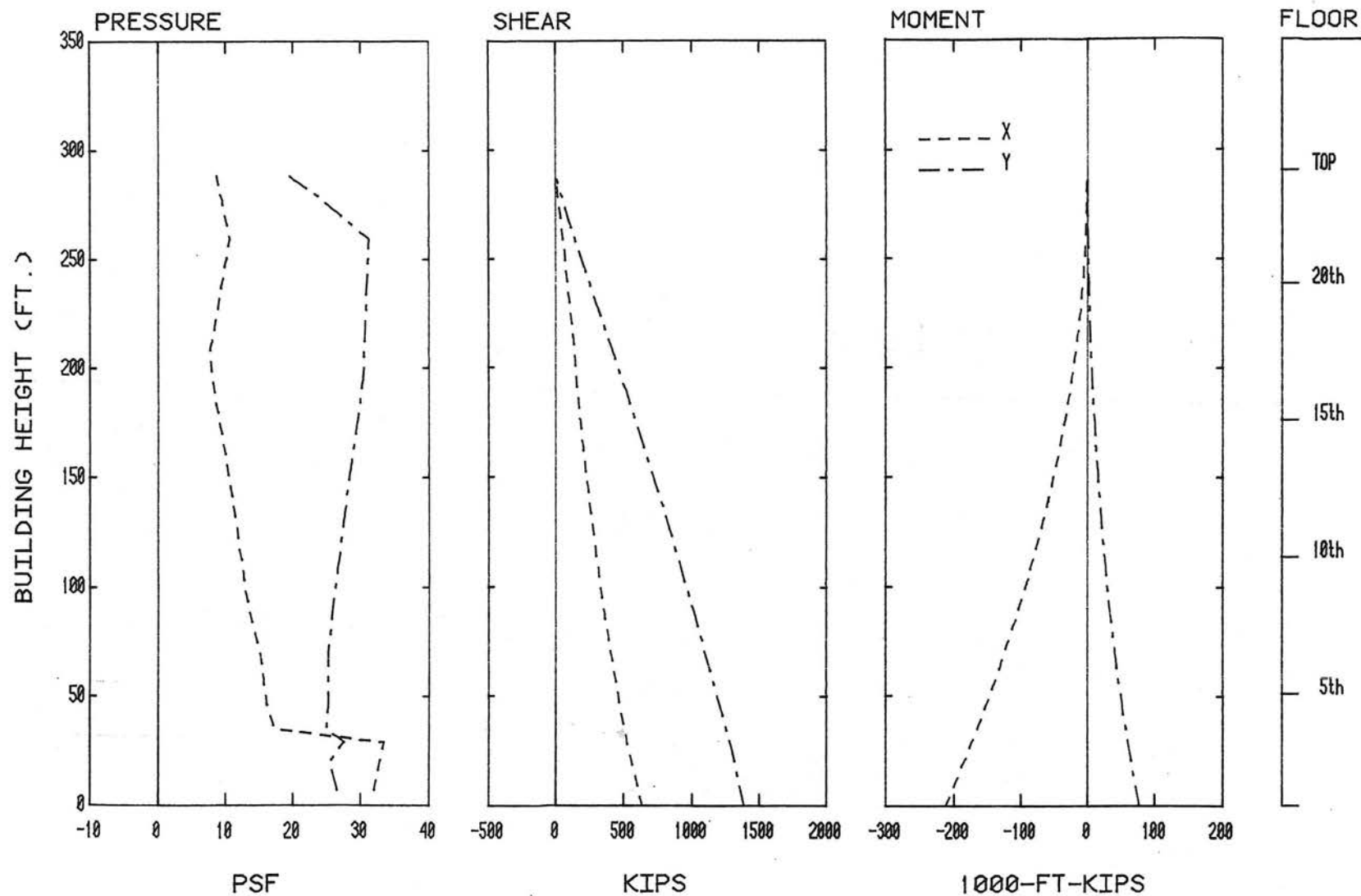


Figure 10g. Peak-Pressure Contours on the Building
for Cladding Loads



WIND DIRECTION 110

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

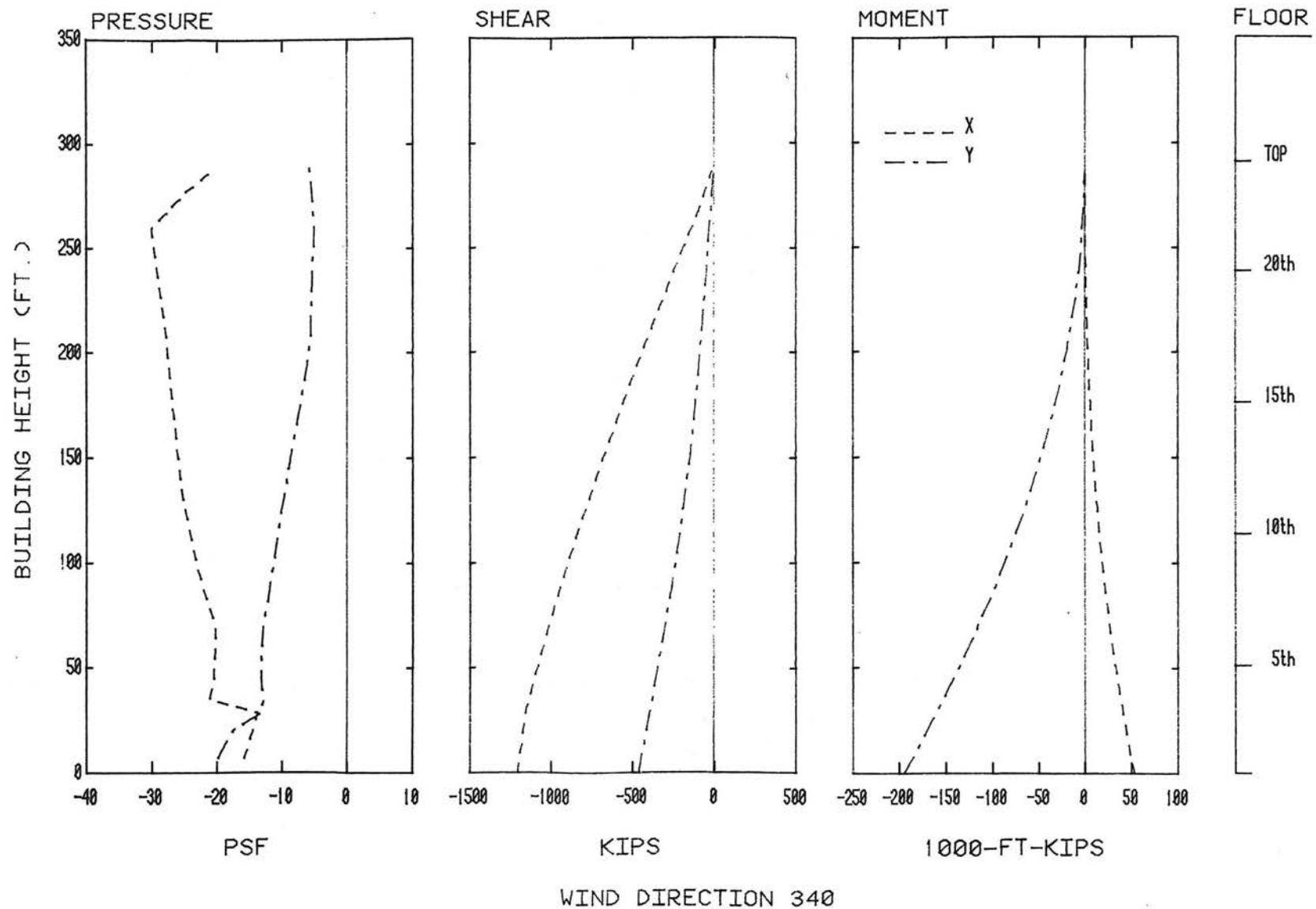


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

<u>Run #</u>	<u>Approach Wind Azimuth, degrees</u>
1	0
2	45
3	90
4	135
5	180
6	225
7	270
8	315

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
ARCO OFFICE BUILDING, ANCHORAGE

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.1	8.3	46.0
22.50	23.7	9.7	52.8
45.00	48.4	18.9	105.0
67.50	48.4	12.1	84.7
90.00	35.2	8.6	61.1
112.50	35.9	8.6	61.7
135.00	35.2	9.9	65.0
157.50	21.1	7.9	44.8
180.00	28.0	10.0	58.0
202.50	39.6	10.7	71.7
225.00	33.3	12.5	70.7
247.50	35.1	8.7	61.3
270.00	36.0	7.6	58.9
292.50	36.5	8.2	61.2
315.00	33.0	9.7	62.1
337.50	27.2	9.5	55.7

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	55.1	16.3	104.7
22.50	66.3	12.9	105.1
45.00	75.6	12.3	112.3
67.50	71.0	14.8	115.5
90.00	57.5	17.9	111.2
112.50	43.0	17.6	95.7
135.00	23.7	10.7	55.7
157.50	24.4	10.0	54.5
180.00	22.8	10.0	52.9
202.50	21.7	7.7	44.8
225.00	25.8	8.9	52.6
247.50	21.9	6.3	40.9
270.00	19.5	6.9	40.2
292.50	24.7	12.1	61.0
315.00	15.0	4.8	29.4
337.50	22.0	9.3	50.0

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	42.3	15.7	89.4
22.50	46.2	13.0	85.2
45.00	57.2	11.1	90.4
67.50	53.7	12.5	91.1
90.00	48.0	12.1	84.4
112.50	38.6	12.4	75.9
135.00	30.8	9.7	59.9
157.50	35.9	10.7	68.1
180.00	47.3	14.9	92.0
202.50	49.5	20.0	109.4
225.00	28.1	10.1	58.2
247.50	33.8	11.1	67.2
270.00	35.2	14.2	77.8
292.50	38.2	11.4	72.4
315.00	30.8	10.7	62.9
337.50	31.7	12.0	67.8

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.3	8.1	43.7
22.50	27.4	12.4	64.5
45.00	35.9	14.6	79.5
67.50	36.2	14.7	80.2
90.00	34.3	13.6	75.2
112.50	29.8	13.8	71.3
135.00	18.4	7.6	41.1
157.50	29.5	13.3	69.4
180.00	48.1	18.1	102.4
202.50	41.4	15.3	87.4
225.00	42.8	12.9	81.5
247.50	25.6	10.5	57.0
270.00	15.2	6.1	33.6
292.50	19.7	7.6	42.6
315.00	25.8	9.2	53.4
337.50	24.0	9.7	53.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
ARCO OFFICE BUILDING, ANCHORAGE

LOCATION 5				LOCATION 6			
WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)	WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	20.8	7.9	44.4	0.00	23.7	9.4	51.9
22.50	26.0	10.3	56.7	22.50	43.7	14.7	87.8
45.00	31.2	11.2	64.7	45.00	60.2	10.7	92.2
67.50	31.3	11.3	65.2	67.50	51.6	11.2	85.1
90.00	34.7	11.7	69.9	90.00	45.1	10.3	75.9
112.50	27.5	11.3	61.3	112.50	33.7	11.4	68.1
135.00	24.9	11.4	50.0	135.00	29.9	11.1	63.3
157.50	37.0	14.6	80.7	157.50	39.4	12.0	75.3
180.00	35.3	17.9	108.9	180.00	37.1	13.1	76.5
202.50	42.3	14.5	85.8	202.50	31.8	11.4	65.9
225.00	32.2	11.2	65.7	225.00	22.7	6.7	42.7
247.50	19.4	5.1	34.8	247.50	22.0	6.8	42.2
270.00	16.0	3.8	27.5	270.00	16.3	4.8	30.8
292.50	20.5	6.5	39.9	292.50	20.4	7.4	42.5
315.00	19.1	5.5	35.5	315.00	22.4	6.9	43.1
337.50	18.4	5.4	34.4	337.50	20.3	6.9	40.9

LOCATION 7				LOCATION 8			
WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)	WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	42.7	21.0	105.6	0.00	70.3	27.8	153.9
22.50	53.3	14.7	97.3	22.50	39.2	23.8	130.7
45.00	62.1	10.6	94.0	45.00	36.7	12.9	79.3
67.50	53.8	11.3	87.8	67.50	46.4	11.0	79.3
90.00	41.0	12.7	79.2	90.00	54.9	10.2	85.3
112.50	27.2	11.2	60.9	112.50	58.5	10.6	90.2
135.00	35.7	12.3	72.5	135.00	60.1	11.0	92.9
157.50	60.1	15.5	106.6	157.50	60.1	11.4	94.2
180.00	79.8	20.3	140.6	180.00	53.9	14.2	96.6
202.50	62.4	18.4	117.6	202.50	31.7	12.3	68.6
225.00	63.9	17.0	115.0	225.00	38.3	12.3	75.4
247.50	31.2	9.7	60.2	247.50	22.0	7.2	43.6
270.00	19.4	7.9	43.1	270.00	18.2	5.7	33.3
292.50	29.8	11.1	63.1	292.50	18.6	6.2	37.1
315.00	20.6	8.5	46.2	315.00	20.6	6.9	41.1
337.50	22.8	10.0	52.7	337.50	37.1	18.4	92.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
ARCO OFFICE BUILDING, ANCHORAGE

LOCATION 9

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	60.3	11.7	95.5
22.50	47.3	13.5	88.0
45.00	28.5	12.6	66.4
67.50	35.9	19.8	95.3
90.00	32.6	21.4	96.9
112.50	22.4	12.5	59.7
135.00	17.4	6.3	36.4
157.50	15.1	4.5	28.5
180.00	24.4	11.3	58.3
202.50	19.9	7.3	41.9
225.00	39.6	16.9	90.1
247.50	53.0	16.2	101.4
270.00	58.2	16.1	106.6
292.50	59.7	11.2	93.2
315.00	70.5	10.0	100.5
337.50	67.0	10.4	98.3

LOCATION 10

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	36.1	14.2	78.8
22.50	39.1	13.0	78.2
45.00	47.0	10.0	77.1
67.50	47.6	18.6	103.4
90.00	47.2	24.0	119.3
112.50	28.3	12.6	66.1
135.00	21.8	7.0	42.7
157.50	18.9	6.5	38.5
180.00	30.6	12.1	66.9
202.50	34.5	11.7	69.8
225.00	56.6	16.0	104.6
247.50	63.7	17.7	116.8
270.00	54.8	19.6	113.5
292.50	47.2	11.9	83.0
315.00	47.7	9.6	76.4
337.50	41.5	9.4	69.7

LOCATION 11

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	50.1	12.5	87.7
22.50	60.3	11.5	94.8
45.00	74.1	10.5	105.5
67.50	62.4	13.9	103.9
90.00	53.6	22.7	121.6
112.50	34.1	16.9	84.9
135.00	23.3	10.5	54.7
157.50	31.4	12.9	70.1
180.00	25.7	11.7	60.8
202.50	54.9	13.3	94.9
225.00	70.2	16.7	120.4
247.50	84.7	18.6	140.4
270.00	84.2	17.7	137.2
292.50	58.3	20.8	120.8
315.00	29.7	11.9	65.4
337.50	37.7	12.7	75.9

LOCATION 12

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	63.3	17.5	115.7
22.50	90.0	14.6	134.0
45.00	82.9	15.8	130.2
67.50	41.8	17.6	94.6
90.00	23.2	10.9	55.8
112.50	33.1	14.1	73.3
135.00	20.0	10.0	50.2
157.50	20.3	10.4	51.5
180.00	23.8	10.6	55.5
202.50	27.2	10.3	58.1
225.00	39.6	7.9	63.4
247.50	47.6	10.1	77.9
270.00	41.0	13.8	82.4
292.50	28.3	10.3	59.2
315.00	18.3	6.9	39.0
337.50	40.2	16.9	91.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
ARCO OFFICE BUILDING, ANCHORAGE

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	47.1	13.0	86.0
22.50	56.5	10.8	88.8
45.00	55.7	8.9	82.4
67.50	47.0	10.5	78.3
90.00	34.3	14.6	78.3
112.50	49.4	17.0	100.5
135.00	61.2	12.9	99.8
157.50	70.3	15.8	117.9
180.00	62.2	16.2	110.7
202.50	45.0	13.6	85.9
225.00	35.5	11.1	68.9
247.50	39.4	13.6	80.3
270.00	50.6	14.0	92.5
292.50	42.1	12.4	79.4
315.00	31.9	10.1	62.1
337.50	35.3	11.1	68.7

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	38.5	9.5	67.0
22.50	49.5	11.0	82.4
45.00	55.9	15.3	101.8
67.50	53.7	13.8	95.2
90.00	41.8	15.4	88.0
112.50	25.9	8.7	52.2
135.00	29.7	9.0	56.8
157.50	35.1	9.7	64.2
180.00	38.2	10.9	71.0
202.50	50.4	10.6	82.2
225.00	68.3	12.6	106.0
247.50	36.7	10.6	68.5
270.00	31.2	9.6	60.0
292.50	24.4	8.0	48.3
315.00	24.4	8.2	49.1
337.50	31.3	9.9	61.1

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	35.6	11.0	68.7
22.50	41.4	17.0	92.3
45.00	64.0	18.7	120.1
67.50	44.2	14.4	87.5
90.00	29.1	12.4	66.4
112.50	52.5	18.3	107.3
135.00	65.9	18.9	122.5
157.50	77.4	16.7	127.5
180.00	52.2	17.0	103.3
202.50	45.1	15.0	90.2
225.00	44.5	10.5	76.1
247.50	40.3	11.1	73.6
270.00	27.5	9.9	57.3
292.50	30.9	10.3	61.7
315.00	34.6	9.5	63.1
337.50	38.9	10.1	69.3

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.3	7.8	46.8
22.50	26.1	9.0	53.1
45.00	22.0	6.5	41.3
67.50	27.7	10.4	58.9
90.00	44.0	11.6	78.8
112.50	61.5	10.7	93.7
135.00	71.9	12.1	108.1
157.50	72.2	12.2	108.8
180.00	48.2	12.2	84.8
202.50	37.3	10.7	69.5
225.00	28.5	10.2	59.2
247.50	46.9	15.1	92.2
270.00	71.6	13.1	111.0
292.50	81.0	13.4	121.0
315.00	71.8	11.7	106.8
337.50	50.5	9.8	80.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

ANCHORAGE, AL. ANCHORAGE INTNL. AIRPORT (65-74)

SEASON : ANNUAL NO. OF OBS. = 29216 HT. OF MEAS. = 22. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 6	7-11	12-18	19-24	25-30	31 +	TOTAL
N	2.60	5.10	4.10	1.50	.30	.10	0.00	13.70
NNE	1.60	3.90	2.30	.60	.10	0.00	0.00	8.60
NE	1.20	2.80	1.20	.20	0.00	0.00	0.00	5.30
ENE	.90	1.50	.20	0.00	0.00	0.00	0.00	2.70
E	1.50	1.30	.10	0.00	0.00	0.00	0.00	2.90
ESE	1.10	.80	.10	0.00	0.00	0.00	0.00	2.20
SE	.90	.80	.40	.40	.10	0.00	0.00	2.60
SSE	1.20	1.60	1.90	3.60	.90	.20	0.00	9.40
S	2.20	3.70	3.70	3.00	.50	.10	0.00	13.10
SSW	1.00	1.30	.80	.30	0.00	0.00	0.00	3.40
SW	1.10	1.10	.40	.10	0.00	0.00	0.00	2.80
WSW	1.40	1.30	.40	0.00	0.00	0.00	0.00	3.10
W	1.70	2.60	1.10	.10	0.00	0.00	0.00	5.60
WNW	1.60	3.10	1.60	.10	0.00	0.00	0.00	6.40
NW	1.40	2.10	.90	.10	0.00	0.00	0.00	4.50
NNW	1.40	2.30	.80	.50	.10	0.00	0.00	5.20
CALM	8.50	0.00	0.00	0.00	0.00	0.00	0.00	8.50
TOT	31.30	35.10	20.00	10.90	2.10	.40	.10	100.00

TABLE 4
SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

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

50-yr fastest mile at 30 ft = 75 mph

$$\text{Mean hourly wind speed} = \frac{75}{1.27} = 59.1 \text{ mph}$$

$$\text{Mean hourly gradient wind speed} = 59.1 \left(\frac{1000}{30} \right)^{.17} = 107.2 \text{ mph}$$

Mean hourly wind at wind tunnel velocity reference location

$$\text{at 1040 ft} = 107.2 \left(\frac{1040}{1250} \right)^{.25} = 102.4 \text{ mph}$$

$$\text{Reference pressure} = 0.5 \rho U_{\infty}^2 (0.00256) (102.4)^2 = 26.8 \text{ psf}$$

Use 27 psf

2. Loads for 100-yr recurrence wind:

100-yr fastest mile at 30 ft = 78 mph (ref. 6):

$$\text{Multiply 50-yr loads by } \left(\frac{78}{75} \right)^2 = 1.08$$

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

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

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

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

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
101	70	2.27	61.2	21.2	203	110	1.65	44.5	18.3	251	90	1.26	34.0	12.1
102	270	1.91	51.6	19.7	204	10	1.61	43.3	17.2	252	80	1.79	21.3	12.1
103	80	1.91	51.6	16.5	205	10	1.55	41.7	18.3	301	260	1.01	27.3	26.6
104	260	1.73	46.6	15.7	206	20	2.06	55.6	19.1	302	260	1.21	32.7	11.2
105	90	1.08	29.2	14.5	207	200	1.90	51.3	22.3	303	260	1.14	30.9	17.5
106	150	1.90	51.3	19.4	208	180	1.63	44.1	24.9	304	260	1.18	31.9	10.1
107	290	1.94	52.3	19.2	209	180	1.64	44.3	24.5	305	250	1.35	36.4	20.3
108	80	1.53	41.3	27.0	210	350	1.30	35.1	26.8	306	260	1.21	32.7	19.8
109	70	1.76	47.6	26.8	211	180	1.18	31.8	25.1	307	280	1.65	44.6	20.2
110	80	1.56	42.1	26.7	212	190	1.61	43.3	26.5	308	340	1.86	50.1	18.9
111	260	1.55	41.2	26.9	213	200	1.30	35.2	26.4	309	290	1.59	42.9	21.8
112	280	1.33	35.8	27.2	214	200	1.11	33.9	26.1	310	280	1.92	51.9	22.8
113	90	1.44	39.0	24.1	215	180	1.38	37.4	23.6	311	140	1.32	35.8	35.8
114	100	1.62	43.7	26.1	216	350	1.37	37.1	23.4	312	240	1.08	29.3	25.5
115	70	1.48	40.0	25.3	217	350	1.74	47.0	26.7	313	250	1.04	28.0	27.1
116	70	1.56	42.2	25.2	218	180	1.30	35.0	25.8	314	240	1.10	29.8	24.4
117	70	1.44	38.8	24.4	219	190	1.72	46.6	28.0	315	270	1.27	34.2	26.7
118	270	1.38	37.7	24.9	220	190	1.40	38.9	25.5	316	250	1.24	33.4	27.0
119	90	1.47	39.6	25.5	221	190	1.44	38.9	24.7	317	260	1.29	35.0	27.3
120	90	1.53	41.2	25.3	222	0	1.73	46.7	24.2	318	280	1.17	33.1	27.7
121	90	1.44	39.0	23.5	223	0	2.08	56.1	23.0	319	280	1.37	37.0	26.8
122	80	1.75	47.3	24.1	224	350	1.60	43.3	24.2	320	270	1.36	36.7	26.5
123	80	2.12	57.2	23.5	225	0	1.35	36.4	23.3	321	90	1.25	33.7	29.3
124	80	1.80	48.5	22.6	226	180	1.37	36.9	25.1	322	250	1.08	29.3	25.5
125	270	1.51	40.7	25.1	227	190	1.71	46.2	23.4	323	240	1.25	33.3	25.8
126	270	1.95	52.6	23.8	228	190	1.57	42.3	20.3	324	270	1.33	35.9	25.2
127	90	1.92	51.8	23.3	229	0	2.33	63.0	20.2	325	270	1.52	41.1	25.6
128	90	1.78	48.1	24.2	230	350	2.21	59.6	21.7	326	100	1.40	37.7	27.1
129	80	1.99	53.7	15.2	231	0	1.57	42.4	17.9	327	100	1.50	40.5	28.2
130	80	2.30	62.1	13.6	232	0	1.36	36.6	18.4	328	100	1.59	43.0	26.1
131	80	1.96	52.9	15.0	233	190	1.02	27.7	18.0	329	100	1.55	41.9	27.7
132	90	1.53	41.4	18.7	234	190	1.22	33.0	15.5	330	270	1.09	29.4	25.8
133	260	1.66	44.4	17.4	235	200	1.02	27.6	13.3	331	250	1.07	28.9	27.1
134	270	2.17	58.5	18.5	236	10	1.99	53.8	15.0	332	260	1.09	29.5	15.8
135	270	1.91	51.7	17.7	237	0	2.24	60.6	15.9	333	260	1.18	31.7	15.5
136	0	1.04	28.8	23.5	238	170	1.21	32.6	20.6	334	250	1.36	36.9	17.7
137	110	1.03	27.9	23.4	239	110	1.35	35.6	24.3	335	260	1.53	41.4	19.7
138	100	1.54	41.7	17.9	240	190	1.12	33.0	21.7	336	280	1.40	37.7	24.9
139	80	2.05	55.4	20.4	241	90	1.17	31.6	16.8	337	90	1.59	42.8	24.4
140	90	1.92	52.0	25.3	242	90	1.49	40.3	13.9	338	100	1.76	47.4	22.2
141	90	1.40	38.7	21.6	243	110	1.19	32.1	20.1	339	110	1.50	40.4	23.3
142	100	1.32	38.7	20.9	244	180	1.25	33.7	19.0	340	260	1.27	34.2	15.5
143	270	1.80	48.7	16.3	245	180	1.16	33.1	19.0	341	260	1.29	34.7	22.4
144	260	2.74	74.0	14.4	246	180	1.98	66.4	22.0	342	260	1.37	37.0	9.6
145	100	1.82	50.2	19.6	247	40	1.12	30.0	8.8	343	260	1.50	40.6	11.1
146	100	1.12	30.2	26.9	248	180	1.15	31.2	9.8	344	270	1.48	40.0	18.2
201	110	1.83	49.3	22.9	249	280	1.13	30.5	8.2	345	260	1.65	44.7	18.7
202	120	1.78	48.1	19.7	250	40	1.76	47.6	8.5	346	280	1.21	32.8	21.7

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

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
347	90	1.59	43.0	22.6	431	0	1.20	32.3	24.3	514	80	.94	25.5	25.5
348	100	2.82	76.0	23.2	432	170	1.83	49.5	29.2	515	120	.80	21.6	21.6
349	100	2.30	62.2	21.8	433	170	1.75	47.3	28.1	516	190	.99	26.7	18.8
350	260	1.19	32.1	13.9	434	160	1.55	41.8	24.1	517	350	.91	24.5	21.8
351	80	1.19	32.0	24.0	435	0	1.44	39.0	25.4	601	250	1.97	53.2	28.3
352	90	2.03	54.8	18.8	436	0	1.57	42.5	25.8	602	250	1.54	41.6	13.5
353	80	2.42	65.3	20.0	437	10	1.50	40.6	25.1	603	0	1.24	33.6	22.3
354	70	2.46	66.4	20.6	438	10	1.51	40.9	24.1	604	190	1.10	29.6	29.6
355	250	1.91	51.5	20.5	439	10	1.50	40.6	24.1	605	80	1.07	28.8	27.0
356	270	1.28	34.7	21.2	440	10	1.27	34.3	23.9	607	180	1.67	45.1	23.5
357	270	1.58	42.7	20.3	441	0	1.37	37.1	23.9	608	270	1.40	37.8	21.5
358	340	1.07	29.9	21.1	442	350	1.76	47.6	19.4	610	320	1.33	35.9	24.6
359	200	1.07	29.9	28.9	443	180	1.68	45.3	19.6	611	310	1.37	36.9	26.3
360	170	1.03	27.8	27.9	444	190	1.70	45.8	21.1	612	200	1.16	31.3	31.3
361	190	1.01	27.3	27.3	445	350	1.39	37.6	22.5	613	90	1.87	50.6	31.7
362	180	.82	22.3	22.3	446	350	1.1	41.9	22.1	614	80	1.39	37.4	29.8
401	170	1.54	41.6	19.6	447	0	1.75	47.2	19.9	615	90	1.54	41.7	32.3
402	170	1.53	41.1	19.4	448	10	1.53	41.3	19.2	616	90	1.60	43.2	21.1
403	0	1.60	43.3	14.8	449	10	1.44	38.8	20.2	617	180	.94	25.5	22.2
404	190	1.72	46.6	13.2	450	10	1.58	42.6	21.0	618	40	1.67	45.0	13.2
405	190	1.64	44.4	16.5	451	340	1.96	52.9	16.6	619	350	1.05	28.3	22.3
406	180	1.61	43.6	18.4	452	170	2.26	71.7	18.3	620	50	1.24	33.5	20.3
407	0	1.11	29.9	14.2	453	180	2.04	55.1	17.3	621	90	1.60	43.1	17.6
408	0	1.19	32.2	12.4	454	180	1.58	42.5	18.2	622	20	1.66	44.9	19.0
409	0	1.14	30.8	13.2	455	0	1.26	33.9	21.0	623	40	1.32	35.5	19.4
410	190	1.19	32.2	26.1	456	180	1.40	37.7	20.4	624	350	1.45	39.1	20.7
411	350	1.24	33.6	25.5	457	340	1.41	38.0	22.7	625	350	1.58	42.6	14.8
412	170	1.31	35.3	26.1	458	350	1.50	40.5	26.3	626	40	.84	22.6	20.1
413	170	1.45	39.1	25.9	459	0	1.97	53.2	24.4	627	200	.95	25.7	25.7
414	0	1.50	40.5	26.1	460	0	1.94	52.4	23.6	628	30	1.15	31.0	18.1
415	10	1.25	33.6	27.1	461	10	1.97	53.3	31.6	701	310	2.42	65.5	16.4
416	180	1.16	31.4	25.9	462	10	1.72	46.5	30.7	702	330	1.70	45.9	9.3
417	20	1.03	27.9	23.6	463	20	2.03	54.8	24.7	703	140	1.74	47.0	11.4
418	10	1.08	29.1	23.8	501	120	.72	19.4	19.4	704	140	1.49	40.3	24.6
419	20	1.06	27.7	23.2	502	210	.82	22.2	14.3	705	350	1.28	34.7	3.2
420	130	1.33	35.9	23.9	503	180	1.11	29.9	18.4	706	30	1.56	42.2	13.0
421	20	1.11	29.9	23.5	504	80	1.10	29.8	29.8	707	270	1.11	30.1	30.1
422	0	1.46	39.9	26.1	505	180	1.28	34.7	22.7	708	260	1.05	28.3	28.3
423	170	1.35	36.5	23.3	506	80	1.13	30.5	17.7	709	180	1.52	41.1	13.0
424	170	1.54	41.1	27.1	507	0	.85	22.8	17.5	710	180	1.91	51.5	13.1
425	170	1.29	34.4	25.9	508	220	1.12	30.2	21.2	711	190	1.29	34.8	25.2
426	10	1.46	39.9	25.8	509	170	.93	32.0	23.4	712	270	1.16	31.4	10.6
427	10	1.39	37.7	25.9	510	120	.86	23.2	23.2	713	230	1.96	52.9	10.4
428	20	1.36	36.8	26.9	511	340	.76	20.6	17.2	714	230	1.56	42.2	11.6
429	10	1.25	33.7	26.8	512	350	.80	21.6	19.5	715	270	1.51	40.8	12.5
430	190	1.24	33.6	31.1	513	120	.82	22.2	22.2	716	130	2.15	58.1	12.6

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

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE = 27.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENTS * *

TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK ----- PSF	POSITIVE PEAK -----
348	100	2.82	76.0	23.2
144	260	2.74	74.0	14.4
452	170	2.66	71.7	18.3
354	70	2.46	66.4	20.6
701	310	2.42	65.5	16.4
353	80	2.42	65.3	20.0
229	0	2.33	63.0	20.2
349	100	2.30	62.2	21.8
130	80	2.30	62.1	13.6
101	70	2.27	61.2	21.2
237	0	2.24	60.6	15.9
230	350	2.21	59.6	21.7
134	270	2.17	58.5	18.5
716	130	2.15	58.1	12.6
123	80	2.12	57.2	23.5

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

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	ABSOLUTE PEAK ----- PSF	POSITIVE PEAK -----
144	264	2.64	71.2	14.3	353	84	3.20	86.3	15.0	452	172	2.62	70.8	17.0
348	266	2.36	63.8	18.1	354	92	2.41	65.1	12.3	701	314	2.33	62.9	19.3

TABLE 68. COMPARISON OF CONFIGURATIONS A AND B : ARCO OFFICE BUILDING, ANCHORAGE
 TAPS WHERE ABSOLUTE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
 REF. PRESSURE = 27.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG. PSF LOAD
353	80	65.3	84	86.3

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A REFERENCE PRESSURE 27.0 GUST FACTOR 1.32

AZIMUTH DEGREES	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
0	-908.6	-122.7	6.2	-153.0	5.5
10	-835.9	123.6	-21.4	-139.3	-6.5
20	-901.6	361.6	-58.3	-145.3	-10.7
30	-805.0	679.9	-109.4	-135.6	-5.0
40	-775.7	857.5	-136.0	-128.8	-2.3
50	-632.1	958.7	-153.8	-105.0	1.6
60	-378.0	971.2	-159.0	-62.5	6.0
70	-71.7	988.1	-164.4	-17.2	12.7
80	185.9	1037.6	-170.3	18.3	11.5
90	281.8	1131.0	-181.9	25.9	1.1
100	394.4	1266.8	-197.0	38.0	8.0
110	638.2	1387.4	-211.5	77.5	9.7
120	932.2	1321.4	-198.4	126.8	-6.4
130	1156.6	1176.1	-177.1	168.2	-2.7
140	1262.0	939.4	-142.6	188.9	1.0
150	1276.7	701.5	-107.0	194.1	3.9
160	1205.8	343.2	-53.5	185.5	6.0
170	1085.0	-6.9	-1.2	171.1	6.4
180	989.5	-79.3	1.9	158.8	5.2
190	913.9	-120.6	4.6	148.1	4.7
200	909.9	-411.4	52.6	145.9	3.3
210	902.5	-385.4	87.0	143.7	2.2
220	802.1	-773.0	118.5	126.9	2.2
230	661.9	-883.1	139.1	102.1	2.7
240	500.2	-943.1	150.2	73.3	2.8
250	315.5	-933.0	152.7	39.4	3.8
260	163.0	-933.0	152.9	15.5	5.5
270	51.3	-958.4	155.6	3.3	9.1
280	-113.9	-1011.8	161.2	-17.4	9.4
290	-346.2	-1071.8	168.0	-54.2	9.5
300	-596.3	-1043.1	156.4	-96.3	9.2
310	-854.8	-978.9	143.4	-138.1	9.2
320	-1010.1	-848.7	120.8	-160.1	8.8
330	-1131.5	-674.9	89.7	-179.7	8.1
340	-1205.4	-463.4	53.9	-194.4	7.4
350	-1164.3	-242.7	16.4	-190.9	6.8

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-20.3	-19.3	1644	1826	-12.4	-10.6	-908.6	-122.7	6.2	-153.0	5.5
2ND	14.00	-14.9	-15.8	1467	1630	-10.2	-9.7	-888.3	-103.4	4.6	-140.4	5.6
3RD	26.50	-4.9	-5.3	558	726	-8.7	-7.3	-873.4	-87.6	3.4	-129.4	5.7
DUMY	31.25	-18.7	-8.7	1368	1368	-13.7	-6.4	-868.5	-82.3	3.0	-125.3	5.7
4TH	39.00	-28.8	-14.0	2206	2206	-13.1	-6.3	-849.8	-73.6	2.4	-118.6	5.5
5TH	51.50	-27.6	-13.7	2206	2206	-12.5	-6.2	-821.0	-59.7	1.6	-108.2	5.2
6TH	64.00	-27.0	-13.2	2206	2206	-12.2	-6.0	-793.4	-46.0	.9	-98.1	4.8
7TH	76.50	-30.0	-11.0	2206	2206	-13.6	-5.0	-766.4	-32.8	.4	-88.3	4.4
8TH	89.00	-33.0	-8.9	2206	2206	-14.9	-4.1	-736.4	-21.8	.1	-78.9	4.0
9TH	101.50	-35.5	-7.3	2206	2206	-16.1	-3.3	-703.4	-12.9	.1	-69.9	3.5
10TH	114.00	-38.1	-5.7	2206	2206	-17.3	-2.6	-667.9	-5.6	.1	-61.4	3.0
11TH	126.50	-40.6	-4.1	2206	2206	-18.4	-1.8	-629.9	.1	.3	-53.3	2.6
12TH	139.00	-42.5	-1.7	2206	2206	-19.3	-.8	-589.3	4.2	.3	-45.6	2.1
13TH	151.50	-44.1	-.5	2206	2206	-20.0	-.2	-546.8	5.9	.2	-38.5	1.7
14TH	164.00	-45.6	.3	2206	2206	-20.7	.1	-502.7	6.4	.1	-32.0	1.4
15TH	176.50	-47.1	1.1	2206	2206	-21.3	.5	-457.2	6.1	.1	-26.0	1.1
16TH	189.00	-48.6	1.8	2206	2206	-22.0	.8	-410.1	5.1	.0	-20.6	.8
17TH	201.50	-50.0	2.3	2206	2206	-22.7	1.0	-361.5	3.1	.1	-15.7	.6
18TH	214.00	-51.4	1.7	2206	2206	-23.3	.8	-311.5	.9	.1	-11.5	.4
19TH	226.50	-52.9	1.1	2206	2206	-24.0	.5	-260.0	.7	.1	-8.0	.3
20TH	239.00	-54.3	.4	2206	2206	-24.6	.2	-207.2	-1.8	.1	-5.8	.2
21ST	251.50	-71.6	-.3	2823	2823	-25.3	-.1	-152.9	-2.2	.1	-2.8	.1
MECH	267.50	-69.6	-1.4	3390	3390	-20.5	-.4	-81.3	-1.9	.0	-.9	.1
ROOF	286.71	-11.7	-.5	706	706	-16.6	-.6	-11.7	-.5	.0	-.0	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-21.8	-6.3	1644	1826	-13.3	-3.4	-835.9	123.6	-21.4	-139.3	-6.5
2ND	14.00	-14.9	-4.9	1467	1630	-10.1	-3.0	-814.1	129.9	-19.7	-127.7	-6.6
3RD	26.50	-4.5	-1.0	558	726	-8.1	-1.3	-799.2	134.8	-18.0	-117.7	-6.6
DUMY	31.25	-17.6	-1.1	1368	1368	-12.8	-0.0	-794.7	135.8	-17.4	-113.9	-6.5
4TH	39.00	-26.9	1.7	2206	2206	-12.2	.8	-777.1	135.8	-16.3	-107.8	-6.7
5TH	51.50	-25.1	3.7	2206	2206	-11.4	1.7	-750.2	134.1	-14.6	-98.2	-7.0
6TH	64.00	-23.9	5.6	2206	2206	-10.8	2.5	-725.2	130.4	-13.0	-89.0	-7.1
7TH	76.50	-27.2	8.0	2206	2206	-12.3	3.6	-701.3	124.8	-11.4	-80.1	-7.3
8TH	89.00	-30.3	9.6	2206	2206	-13.7	4.4	-674.1	116.8	-9.9	-71.5	-7.4
9TH	101.50	-33.0	9.7	2206	2206	-15.0	4.4	-643.6	107.5	-8.5	-63.3	-7.4
10TH	114.00	-35.7	9.8	2206	2206	-16.2	4.5	-610.8	97.7	-7.2	-55.4	-7.3
11TH	126.50	-38.4	10.0	2206	2206	-17.4	4.5	-575.0	87.7	-6.0	-48.0	-7.1
12TH	139.00	-39.8	10.7	2206	2206	-18.1	4.8	-536.6	77.7	-5.0	-41.1	-6.8
13TH	151.50	-41.1	9.9	2206	2206	-18.6	4.5	-496.7	67.0	-4.1	-34.6	-6.4
14TH	164.00	-42.3	8.6	2206	2206	-19.2	3.9	-455.7	57.1	-3.3	-28.7	-6.0
15TH	176.50	-43.5	7.2	2206	2206	-19.7	3.3	-413.4	48.5	-2.7	-23.2	-5.5
16TH	189.00	-44.7	5.9	2206	2206	-20.3	2.7	-369.9	41.3	-2.1	-18.3	-5.0
17TH	201.50	-46.0	5.1	2206	2206	-20.8	2.3	-325.2	35.4	-1.6	-14.0	-4.5
18TH	214.00	-47.1	4.9	2206	2206	-21.3	2.2	-279.2	30.3	-1.2	-10.2	-3.9
19TH	226.50	-48.2	4.7	2206	2206	-21.9	2.1	-232.1	25.4	-0.9	-7.0	-3.3
20TH	239.00	-49.3	4.4	2206	2206	-22.4	2.0	-183.9	20.8	-0.6	-4.4	-2.7
21ST	251.50	-64.8	5.4	2823	2823	-22.9	1.9	-134.6	16.3	-0.3	-2.4	-2.1
MECH	267.50	-60.2	8.8	3390	3390	-17.8	2.6	-69.8	11.0	-0.1	-0.8	-1.2
ROOF	286.71	-9.6	2.2	706	706	-13.6	3.1	-9.6	2.2	-0.0	-0.0	-0.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 20

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-23.2	1.3	1644	1826	-14.1	.7	-901.6	361.6	-58.3	-145.3	-10.7
2ND	14.00	-16.8	-1.7	1467	1630	-11.4	-1.0	-878.5	360.3	-53.2	-132.9	-10.9
3RD	26.50	-15.4	1.0	558	726	-9.7	1.4	-861.7	362.0	-48.7	-122.0	-10.9
DUMY	31.25	-20.2	4.7	1368	1368	-14.8	3.4	-858.3	361.0	-47.0	-117.9	-10.7
4TH	39.00	-32.5	11.1	2206	2206	-14.8	5.0	-836.1	356.4	-44.2	-111.3	-10.7
5TH	51.50	-31.0	14.9	2206	2206	-14.1	6.8	-803.6	345.3	-39.8	-101.1	-10.6
6TH	64.00	-30.1	18.5	2206	2206	-13.6	8.4	-772.6	330.4	-35.6	-91.3	-10.5
7TH	76.50	-33.2	20.0	2206	2206	-15.1	9.1	-742.5	311.9	-31.6	-81.8	-10.5
8TH	89.00	-36.1	20.9	2206	2206	-16.4	9.5	-709.2	291.8	-27.8	-72.7	-10.3
9TH	101.50	-38.4	20.5	2206	2206	-17.4	9.3	-673.1	270.9	-24.3	-64.1	-10.1
10TH	114.00	-40.7	20.1	2206	2206	-18.4	9.1	-634.7	250.4	-21.0	-55.9	-9.7
11TH	126.50	-42.9	19.6	2206	2206	-19.5	8.9	-594.0	230.4	-18.0	-48.2	-9.3
12TH	139.00	-43.9	19.9	2206	2206	-19.9	9.0	-551.1	210.7	-15.3	-41.1	-8.8
13TH	151.50	-44.8	19.5	2206	2206	-20.3	8.8	-507.2	190.8	-12.8	-34.4	-8.2
14TH	164.00	-45.6	18.8	2206	2206	-20.7	8.5	-462.4	171.3	-10.5	-28.4	-7.6
15TH	176.50	-46.5	18.2	2206	2206	-21.1	8.2	-416.8	152.5	-8.5	-22.9	-6.9
16TH	189.00	-47.4	17.5	2206	2206	-21.5	7.9	-370.3	134.4	-6.7	-18.0	-6.3
17TH	201.50	-47.9	17.0	2206	2206	-21.7	7.7	-322.2	116.9	-5.1	-13.6	-5.6
18TH	214.00	-48.2	16.9	2206	2206	-21.9	7.7	-275.1	99.9	-3.7	-9.9	-4.9
19TH	226.50	-48.6	16.8	2206	2206	-22.0	7.6	-226.9	83.0	-2.6	-6.8	-4.1
20TH	239.00	-48.9	16.7	2206	2206	-22.2	7.6	-178.3	66.2	-1.7	-4.2	-3.3
21ST	251.50	-63.1	21.2	2823	2823	-22.4	7.5	-129.4	49.6	-1.9	-2.3	-2.5
MECH	267.50	-57.4	23.7	3390	3390	-16.9	7.0	-66.3	28.3	-1.3	-1.7	-1.5
ROOF	286.71	-8.9	4.6	706	706	-12.6	6.5	-8.9	4.6	-1.0	-1.0	-2

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 30

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-15.7	12.2	1644	1826	-9.5	6.7	-805.0	679.9	-109.4	-135.6	-5.0
2ND	14.00	-9.6	3.1	1467	1630	-6.5	-1.9	-789.3	667.7	-100.0	-124.5	-5.2
3RD	26.50	-2.5	1.9	558	726	-4.6	2.7	-779.8	664.6	-91.7	-114.7	-5.2
DUMY	31.25	-17.2	6.1	1368	1368	-12.6	4.4	-777.2	662.7	-88.5	-111.0	-5.0
4TH	39.00	-27.9	16.7	2206	2206	-12.7	-7.5	-760.0	656.6	-83.4	-105.0	-5.0
5TH	51.50	-25.8	24.3	2206	2206	-11.7	11.0	-732.1	639.9	-75.3	-95.7	-5.0
6TH	64.00	-24.2	31.2	2206	2206	-11.0	14.2	-706.4	615.6	-67.4	-86.7	-5.0
7TH	76.50	-27.2	33.2	2206	2206	-12.3	15.1	-682.1	584.4	-59.9	-78.0	-5.2
8TH	89.00	-29.9	34.7	2206	2206	-13.5	15.7	-654.9	551.2	-52.8	-69.7	-5.3
9TH	101.50	-32.0	35.4	2206	2206	-14.5	16.1	-625.1	516.4	-46.2	-61.7	-5.3
10TH	114.00	-34.2	36.2	2206	2206	-15.5	16.4	-593.1	481.0	-39.9	-54.0	-5.3
11TH	126.50	-36.3	36.9	2206	2206	-16.4	16.7	-558.9	444.8	-34.1	-46.8	-5.2
12TH	139.00	-37.9	37.9	2206	2206	-17.2	17.2	-522.6	408.0	-28.8	-40.1	-5.0
13TH	151.50	-39.5	37.8	2206	2206	-17.9	17.1	-484.7	370.1	-24.0	-33.8	-4.8
14TH	164.00	-41.0	37.3	2206	2206	-18.6	16.9	-445.3	332.3	-19.6	-28.0	-4.5
15TH	176.50	-42.5	36.7	2206	2206	-19.3	16.7	-404.3	295.0	-15.6	-22.7	-4.3
16TH	189.00	-44.0	36.2	2206	2206	-20.0	16.4	-361.8	258.3	-12.2	-17.9	-4.0
17TH	201.50	-45.2	35.2	2206	2206	-20.5	16.0	-317.8	222.1	-9.2	-13.6	-3.7
18TH	214.00	-46.2	34.5	2206	2206	-20.9	15.6	-272.6	186.9	-6.6	-9.9	-3.3
19TH	226.50	-47.2	33.8	2206	2206	-21.4	15.3	-226.4	152.4	-4.5	-6.8	-2.9
20TH	239.00	-48.2	33.0	2206	2206	-21.8	15.0	-179.2	118.6	-2.8	-4.3	-2.5
21ST	251.50	-63.1	41.2	2823	2823	-22.4	14.6	-131.0	85.6	-1.5	-2.4	-2.0
MECH	267.50	-58.6	38.2	3390	3390	-17.3	11.3	-67.9	44.4	-1.5	-1.8	-1.2
ROOF	286.71	-9.3	6.1	706	706	-13.2	8.7	-9.3	6.1	-0.0	-0.0	-0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 40

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-8.2	25.3	1644	1826	-5.0	13.9	-775.7	857.5	-136.0	-128.8	-3.3
2ND	14.00	-4.2	8.8	1467	1630	-2.9	5.4	-767.5	833.2	-124.1	-118.0	-2.7
3RD	26.50	-1.8	3.9	558	726	-1.5	5.3	-763.3	823.4	-113.8	-108.4	-2.5
DUMY	31.25	-17.7	8.0	1368	1368	-13.0	5.8	-762.5	819.5	-109.9	-104.8	-2.2
4TH	39.00	-30.4	21.4	2206	2206	-13.8	9.7	-744.7	811.5	-103.6	-98.9	-2.1
5TH	51.50	-29.3	30.7	2206	2206	-13.3	13.9	-714.3	790.1	-93.6	-89.8	-1.9
6TH	64.00	-28.5	39.1	2206	2206	-12.9	17.7	-685.0	759.3	-83.9	-81.1	-1.8
7TH	76.50	-30.5	40.1	2206	2206	-13.8	18.2	-656.5	720.2	-74.6	-72.7	-1.6
8TH	89.00	-32.3	41.1	2206	2206	-14.6	18.6	-626.0	680.1	-65.9	-64.7	-1.5
9TH	101.50	-33.9	42.2	2206	2206	-15.3	19.1	-593.8	639.1	-57.6	-57.1	-1.4
10TH	114.00	-35.4	43.4	2206	2206	-16.1	19.7	-559.9	596.9	-49.9	-49.8	-1.3
11TH	126.50	-37.0	44.5	2206	2206	-16.8	20.2	-524.5	553.5	-42.7	-43.1	-1.2
12TH	139.00	-38.2	45.4	2206	2206	-17.3	20.6	-487.7	506.6	-36.1	-36.7	-1.1
13TH	151.50	-39.0	45.7	2206	2206	-17.7	20.7	-449.9	463.6	-30.0	-30.9	-1.0
14TH	164.00	-39.6	45.7	2206	2206	-17.9	20.7	-410.3	418.0	-24.5	-25.5	-0.9
15TH	176.50	-40.2	45.8	2206	2206	-18.2	20.6	-370.7	372.2	-19.6	-20.6	-0.8
16TH	189.00	-40.8	45.9	2206	2206	-18.5	20.8	-330.6	326.4	-15.2	-16.3	-0.7
17TH	201.50	-41.5	45.4	2206	2206	-18.8	20.6	-289.8	280.5	-11.4	-12.4	-0.6
18TH	214.00	-42.4	44.4	2206	2206	-19.2	20.1	-248.3	233.1	-8.2	-9.0	-0.5
19TH	226.50	-43.2	43.4	2206	2206	-19.6	19.7	-205.9	190.7	-5.5	-6.2	-0.4
20TH	239.00	-44.1	42.5	2206	2206	-20.0	19.3	-162.6	147.3	-3.4	-3.9	-0.3
21ST	251.50	-52.8	52.9	2823	2823	-20.5	18.7	-118.5	104.8	-1.8	-2.1	-0.2
MECH	267.50	-52.6	45.4	3390	3390	-15.5	13.4	-60.8	51.9	-1.6	-1.7	-0.2
ROOF	286.61	-8.1	6.5	706	706	-11.5	9.2	-8.1	6.5	-1.0	-1.0	-0.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 50

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	.5	31.0	1644	1826	.3	17.0	-632.1	958.7	-153.8	-105.0	1.6
2ND	14.00	2.4	10.6	1467	1630	1.6	6.5	-632.5	927.7	-140.5	-96.1	1.5
3RD	26.50	1.4	3.7	558	726	2.5	5.0	-634.9	917.1	-129.0	-88.2	1.7
DUNY	31.25	-15.9	7.3	1368	1368	-11.6	5.3	-636.3	913.4	-124.7	-85.2	2.1
4TH	39.00	-28.2	21.8	2206	2206	-12.8	9.9	-620.5	906.1	-117.6	-80.3	2.3
5TH	51.50	-27.2	32.8	2206	2206	-12.3	14.8	-592.2	884.4	-106.4	-78.7	2.5
6TH	64.00	-26.3	42.6	2206	2206	-11.9	19.3	-565.0	851.6	-95.6	-72.5	2.5
7TH	76.50	-27.2	44.1	2206	2206	-12.4	20.0	-538.7	809.0	-85.2	-68.6	2.4
8TH	89.00	-28.1	45.4	2206	2206	-12.8	20.6	-511.4	764.9	-75.4	-62.0	2.1
9TH	101.50	-29.0	46.4	2206	2206	-13.1	21.1	-483.3	719.5	-66.1	-55.8	1.9
10TH	114.00	-29.8	47.5	2206	2206	-13.5	21.5	-454.3	673.1	-57.4	-49.0	1.7
11TH	126.50	-30.7	48.6	2206	2206	-13.9	22.0	-424.5	625.6	-49.3	-43.5	1.5
12TH	139.00	-31.4	49.4	2206	2206	-14.2	22.4	-393.8	577.0	-41.7	-38.3	1.4
13TH	151.50	-32.0	49.9	2206	2206	-14.5	22.6	-362.4	527.6	-34.8	-34.6	1.2
14TH	164.00	-32.6	50.3	2206	2206	-14.8	22.8	-330.4	477.7	-28.6	-30.3	1.0
15TH	176.50	-33.2	50.6	2206	2206	-15.0	22.9	-297.8	427.4	-22.9	-26.4	.9
16TH	189.00	-33.7	51.0	2206	2206	-15.3	23.1	-264.6	376.8	-17.9	-22.9	.7
17TH	201.50	-34.1	50.7	2206	2206	-15.5	23.0	-230.9	325.8	-13.5	-19.8	.6
18TH	214.00	-34.4	50.2	2206	2206	-15.6	23.0	-196.8	275.2	-9.7	-17.1	.4
19TH	226.50	-34.7	49.8	2206	2206	-15.7	22.9	-162.3	224.9	-6.6	-14.8	.3
20TH	239.00	-35.0	49.3	2206	2206	-15.9	22.7	-127.6	175.5	-4.1	-11.5	.2
21ST	251.50	-40.2	38.4	2823	2823	-18.0	22.1	-92.6	125.5	-2.2	-8.6	.1
MECH	267.50	-41.1	35.2	3390	3390	-18.1	16.3	-47.4	63.5	-1.5	-5.0	.0
ROOF	286.71	-6.3	8.3	706	706	-8.9	11.7	-6.3	8.3	-1.0	-1.0	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	9.9	33.5	1644	1826	6.0	18.4	-378.0	971.2	-159.0	-62.5	6.0
2ND	14.00	10.2	9.4	1467	1630	6.9	5.8	-387.8	937.7	-145.6	-53.1	5.9
3RD	26.50	4.2	2.1	558	726	7.6	2.8	-398.0	928.3	-134.0	-50.2	6.2
DUMY	31.25	-12.2	4.9	1368	1368	-8.9	3.6	-402.2	926.2	-129.6	-50.3	6.6
4TH	39.00	-23.8	18.6	2206	2206	-10.8	8.4	-390.0	921.4	-122.4	-47.2	6.8
5TH	51.50	-22.4	30.1	2206	2206	-10.1	13.6	-366.2	902.8	-111.0	-42.5	7.2
6TH	64.00	-21.1	40.4	2206	2206	-9.6	18.3	-343.9	872.7	-99.9	-38.1	7.7
7TH	76.50	-21.0	41.9	2206	2206	-9.5	19.0	-322.8	832.4	-89.3	-33.9	7.1
8TH	89.00	-20.7	43.5	2206	2206	-9.4	19.7	-301.8	790.4	-79.1	-30.0	6.8
9TH	101.50	-20.1	45.3	2206	2206	-9.1	20.5	-281.1	746.9	-69.5	-26.4	6.5
10TH	114.00	-19.6	47.1	2206	2206	-8.9	21.4	-261.0	701.6	-60.5	-23.0	6.2
11TH	126.50	-19.0	48.9	2206	2206	-8.6	22.2	-241.4	654.4	-52.0	-19.8	5.9
12TH	139.00	-18.5	50.4	2206	2206	-8.4	23.0	-222.4	605.5	-44.1	-16.9	5.5
13TH	151.50	-18.1	51.4	2206	2206	-8.2	23.7	-203.9	555.3	-36.9	-14.3	5.1
14TH	164.00	-17.6	52.2	2206	2206	-8.1	24.1	-185.7	503.8	-30.2	-11.8	4.7
15TH	176.50	-17.5	53.1	2206	2206	-7.9	24.4	-167.9	451.6	-24.3	-9.6	4.3
16TH	189.00	-17.2	53.9	2206	2206	-7.8	24.4	-150.4	398.6	-19.0	-7.9	3.8
17TH	201.50	-17.4	53.6	2206	2206	-7.9	24.3	-133.2	344.6	-14.3	-6.3	3.2
18TH	214.00	-18.4	53.0	2206	2206	-8.4	24.0	-115.7	291.0	-10.3	-4.3	2.7
19TH	226.50	-19.4	52.3	2206	2206	-8.8	23.7	-97.3	238.0	-7.0	-3.0	2.1
20TH	239.00	-20.4	51.7	2206	2206	-9.3	23.4	-77.9	185.7	-4.4	-1.9	1.6
21ST	251.50	-27.6	65.3	2823	2823	-9.8	23.1	-57.5	134.0	-2.4	-1.0	1.1
MECH	267.50	-25.8	59.4	3390	3390	-7.6	17.5	-29.9	68.7	-1.8	-0.3	.6
ROOF	286.71	-4.1	9.3	706	706	-5.8	13.2	-4.1	9.3	-0.0	-0.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 70°

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	25.7	34.7	1644	1826	15.6	19.0	-71.7	988.1	-164.4	-17.2	12.7
2ND	14.00	24.0	9.9	1467	1630	16.4	6.1	-97.4	953.3	-150.8	-16.0	12.5
3RD	26.50	9.4	1.3	558	726	16.8	1.8	-121.5	943.4	-138.9	-14.6	12.5
DUMY	31.25	-4.1	3.6	1368	1368	-3.0	2.6	-130.9	942.1	-134.5	-14.0	12.7
4TH	39.00	-12.8	16.8	2206	2206	-5.8	7.6	-126.8	938.6	-127.4	-13.0	12.8
5TH	51.50	-11.4	28.9	2206	2206	-5.2	13.1	-114.0	921.7	-115.5	-11.5	12.8
6TH	64.00	-10.2	39.8	2206	2206	-4.6	18.0	-102.5	892.8	-104.2	-10.2	12.9
7TH	76.50	-9.8	41.3	2206	2206	-4.4	18.7	-92.3	853.0	-93.3	-8.9	12.1
8TH	89.00	-9.0	42.8	2206	2206	-4.1	19.4	-82.6	811.7	-82.9	-7.9	12.1
9TH	101.50	-7.5	44.6	2206	2206	-3.4	20.2	-73.6	768.9	-73.0	-6.9	11.6
10TH	114.00	-6.0	46.3	2206	2206	-2.7	21.0	-66.1	724.3	-63.7	-6.0	11.1
11TH	126.50	-4.5	48.1	2206	2206	-2.0	21.8	-60.2	678.0	-54.9	-5.2	10.6
12TH	139.00	-3.7	50.0	2206	2206	-1.7	22.7	-55.7	629.9	-46.7	-4.5	10.1
13TH	151.50	-3.6	51.5	2206	2206	-1.6	23.3	-52.0	579.9	-39.2	-3.8	9.5
14TH	164.00	-3.9	52.6	2206	2206	-1.8	23.9	-48.4	528.4	-32.2	-3.2	8.9
15TH	176.50	-4.2	53.8	2206	2206	-1.9	24.4	-44.5	475.8	-25.0	-2.6	8.2
16TH	189.00	-4.5	54.9	2206	2206	-2.0	24.9	-40.3	423.3	-20.4	-2.1	7.7
17TH	201.50	-4.7	55.2	2206	2206	-2.1	25.0	-35.8	367.7	-15.4	-1.6	7.2
18TH	214.00	-4.9	55.3	2206	2206	-2.2	25.1	-31.1	312.2	-11.1	-1.1	6.6
19TH	226.50	-5.1	55.4	2206	2206	-2.3	25.1	-26.6	256.6	-7.7	-0.8	6.1
20TH	239.00	-5.3	55.6	2206	2206	-2.4	25.2	-21.9	201.1	-4.4	-0.5	5.6
21ST	251.50	-7.1	71.4	2823	2823	-2.5	25.3	-15.9	145.3	-2.6	-0.3	5.1
MECH	267.50	-7.5	64.4	3390	3390	-2.2	19.0	-8.8	74.3	-1.8	-0.1	4.7
ROOF	286.71	-1.3	9.9	706	706	-1.9	14.1	-1.3	9.9	-0.0	-0.0	4.2

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	39.3	37.1	1644	1826	23.9	20.3	185.9	1037.6	-170.3	18.3	11.5
2ND	14.00	36.8	15.2	1467	1630	25.1	9.3	146.6	1000.5	-156.0	16.0	11.1
3RD	26.50	14.4	4.2	558	726	25.9	5.8	109.7	985.3	-143.6	14.4	10.9
DUMY	31.25	7.4	7.9	1368	1368	5.4	5.8	95.3	981.0	-139.0	13.9	11.0
4TH	39.00	4.2	21.9	2206	2206	1.9	9.9	87.9	973.2	-131.4	13.2	11.0
5TH	51.50	3.9	31.6	2206	2206	1.7	14.3	83.7	951.2	-119.4	12.1	11.2
6TH	64.00	3.3	40.3	2206	2206	1.5	18.3	79.8	919.6	-107.7	11.1	11.2
7TH	76.50	1.6	42.2	2206	2206	.7	19.1	76.5	879.3	-96.4	10.1	11.0
8TH	89.00	.7	44.0	2206	2206	.3	20.0	74.9	837.1	-85.7	9.2	10.8
9TH	101.50	1.5	45.9	2206	2206	.7	20.8	74.3	793.1	-75.5	8.2	10.5
10TH	114.00	2.3	47.8	2206	2206	1.0	21.7	72.8	747.2	-65.9	7.3	10.3
11TH	126.50	3.0	49.8	2206	2206	1.4	22.6	70.6	699.3	-56.8	6.4	10.0
12TH	139.00	3.6	51.4	2206	2206	1.6	23.3	67.5	649.5	-48.4	5.5	9.6
13TH	151.50	4.2	52.7	2206	2206	1.9	23.9	64.0	598.2	-40.6	4.7	9.2
14TH	164.00	4.7	53.8	2206	2206	2.1	24.4	59.8	545.9	-33.5	3.9	8.7
15TH	176.50	5.3	55.0	2206	2206	2.4	24.9	55.1	491.7	-27.0	3.2	8.2
16TH	189.00	5.8	56.1	2206	2206	2.6	25.4	49.8	436.7	-21.2	2.6	7.5
17TH	201.50	5.9	56.6	2206	2206	2.7	25.6	44.0	380.6	-16.1	2.0	6.7
18TH	214.00	6.0	56.9	2206	2206	2.7	25.8	38.1	324.0	-11.7	1.5	5.8
19TH	226.50	6.1	57.2	2206	2206	2.8	25.9	32.1	267.1	-8.0	1.0	4.9
20TH	239.00	6.2	57.5	2206	2206	2.8	26.1	25.9	209.9	-5.0	.7	4.0
21ST	251.50	8.1	74.0	2823	2823	2.9	26.2	19.7	152.5	-2.7	.4	3.0
MECH	267.50	9.6	67.8	3390	3390	2.8	26.0	11.6	78.5	-1.9	.1	1.7
ROOF	286.71	2.0	10.7	706	706	2.9	15.1	2.0	10.7	-1.0	.0	.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.9 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	48.2	41.3	1644	1826	29.3	22.6	281.8	1131.0	-181.9	25.9	-1.1
2ND	14.00	44.3	22.3	1467	1630	30.2	13.7	233.6	1089.7	-166.4	22.3	-1.5
3RD	26.50	17.2	8.3	558	726	30.8	11.4	189.3	1067.4	-152.9	19.6	-1.6
DUMY	31.25	14.9	14.4	1368	1368	10.9	10.5	172.1	1059.1	-147.8	18.8	-1.3
4TH	39.00	16.5	30.5	2206	2206	7.5	13.8	157.2	1044.7	-139.7	17.5	-1.2
5TH	51.50	14.8	38.0	2206	2206	6.7	17.2	140.7	1014.2	-126.8	15.6	-1.0
6TH	64.00	12.8	44.9	2206	2206	5.8	20.3	125.9	976.2	-114.4	14.0	-1.0
7TH	76.50	9.5	46.2	2206	2206	4.3	20.9	113.1	931.3	-102.4	12.5	-1.2
8TH	89.00	7.1	47.5	2206	2206	3.2	21.5	103.6	885.2	-91.1	11.1	-1.6
9TH	101.50	6.6	48.9	2206	2206	3.0	22.2	96.4	837.6	-80.3	9.9	-1.9
10TH	114.00	6.0	50.3	2206	2206	2.7	22.8	89.9	788.8	-70.2	8.7	-1.6
11TH	126.50	5.4	51.7	2206	2206	2.4	23.4	83.9	738.5	-60.6	7.6	-1.3
12TH	139.00	4.8	53.6	2206	2206	2.2	24.3	78.5	686.8	-51.7	6.6	-1.1
13TH	151.50	4.9	55.0	2206	2206	2.2	24.9	73.7	633.3	-43.5	5.7	-1.0
14TH	164.00	5.2	56.1	2206	2206	2.4	25.4	68.8	579.8	-35.9	4.8	-0.9
15TH	176.50	5.5	57.2	2206	2206	2.5	25.9	63.5	522.2	-29.0	3.9	-0.8
16TH	189.00	5.8	58.3	2206	2206	2.6	26.4	58.0	464.9	-22.8	3.2	-0.7
17TH	201.50	6.0	58.6	2206	2206	2.7	26.6	52.2	406.6	-17.4	2.5	-0.6
18TH	214.00	6.4	59.5	2206	2206	2.9	27.0	46.2	348.0	-12.7	1.9	-0.5
19TH	226.50	6.8	60.5	2206	2206	3.1	27.4	39.8	288.5	-8.7	1.3	-0.4
20TH	239.00	7.3	61.4	2206	2206	3.3	27.8	33.0	228.0	-5.5	.9	-0.3
21ST	251.50	9.9	79.9	2823	4382	5.5	28.3	25.7	166.6	-3.0	.5	-0.2
MECH	267.50	12.9	74.7	3396	4382	8.6	29.0	15.8	86.7	-1.0	.2	-0.1
ROOF	286.71	2.9	12.0	706	706	1.1	17.0	2.9	12.0	-1.0	.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	50.1	43.3	1644	1826	30.5	23.7	394.4	1266.8	-197.0	38.0	-8.0
2ND	14.00	46.3	32.4	1467	1630	31.6	19.9	344.3	1223.6	-179.6	32.8	-8.0
3RD	26.50	18.0	14.8	558	726	32.2	20.5	298.0	1191.2	-164.5	28.8	-7.9
DUMY	31.25	19.7	26.1	1368	1368	14.4	19.1	280.0	1176.3	-158.9	27.4	-7.7
4TH	39.00	26.7	45.0	2206	2206	12.1	20.4	260.3	1150.2	-149.9	25.3	-7.8
5TH	51.50	25.1	47.5	2206	2206	11.4	21.6	233.6	1105.2	-135.8	22.3	-7.6
6TH	64.00	23.3	50.0	2206	2206	10.6	22.7	208.5	1057.6	-122.3	19.5	-7.3
7TH	76.50	19.8	51.3	2206	2206	9.0	23.3	185.2	1007.7	-109.4	17.0	-6.9
8TH	89.00	17.0	52.8	2206	2206	7.7	23.9	165.3	956.3	-97.1	14.8	-6.5
9TH	101.50	15.5	54.6	2206	2206	7.0	24.7	148.3	903.5	-85.3	12.9	-5.9
10TH	114.00	14.0	56.3	2206	2206	6.4	25.5	132.8	849.0	-74.5	11.1	-5.4
11TH	126.50	12.5	58.1	2206	2206	5.7	26.4	118.8	792.6	-64.2	9.6	-4.8
12TH	139.00	11.0	59.6	2206	2206	5.0	27.0	106.3	734.5	-54.7	8.1	-4.2
13TH	151.50	9.9	60.5	2206	2206	4.5	27.4	95.2	674.9	-45.9	6.9	-3.6
14TH	164.00	8.9	61.2	2206	2206	4.0	27.7	85.3	614.3	-37.8	5.8	-3.0
15TH	176.50	7.9	61.8	2206	2206	3.6	28.0	76.4	553.2	-30.5	4.7	-2.6
16TH	189.00	6.8	62.4	2206	2206	3.1	28.3	68.6	491.4	-24.0	3.8	-2.2
17TH	201.50	6.3	62.7	2206	2206	2.8	28.4	61.7	428.9	-18.3	3.0	-1.8
18TH	214.00	7.1	63.3	2206	2206	3.2	28.7	55.5	366.3	-13.3	2.3	-1.6
19TH	226.50	7.9	64.0	2206	2206	3.6	29.0	48.4	302.9	-9.1	1.6	-1.3
20TH	239.00	8.7	64.7	2206	2206	3.9	29.3	40.5	238.9	-5.7	1.1	-1.1
21ST	251.50	12.3	83.7	2823	2823	4.4	29.7	31.8	174.3	-3.1	.6	-.8
MECH	267.50	16.0	78.0	3390	3390	4.7	23.0	19.5	90.5	-1.0	.2	-.4
ROOF	286.71	3.5	12.5	706	706	5.0	17.7	3.5	12.5	-.9	.0	-.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
GRND	0.00	52.7	48.5	1644	1826	32.1	26.6	638.2	1387.4	-211.5	77.5	-9.7
2ND	14.00	48.2	41.5	1467	1630	32.9	25.5	585.5	1338.9	-192.4	69.0	-9.5
3RD	26.50	18.6	20.0	558	726	33.4	27.6	537.2	1297.3	-175.9	62.0	-9.4
DUMY	31.25	23.7	34.2	1368	1368	17.3	25.0	518.6	1277.3	-169.8	58.5	-9.2
4TH	39.00	35.7	55.6	2206	2206	16.2	23.2	494.9	1243.1	-160.1	55.5	-9.3
5TH	51.50	34.6	55.6	2206	2206	15.7	23.2	459.2	1187.4	-144.9	49.6	-9.3
6TH	64.00	33.4	55.7	2206	2206	15.2	23.3	424.6	1131.8	-130.4	44.0	-9.1
7TH	76.50	31.1	55.7	2206	2206	14.1	23.5	391.2	1076.1	-116.6	38.9	-8.9
8TH	89.00	29.0	55.7	2206	2206	13.2	23.7	360.1	1019.4	-103.5	34.3	-8.6
9TH	101.50	27.8	58.8	2206	2206	12.6	23.8	331.1	961.7	-91.1	29.9	-8.2
10TH	114.00	26.6	60.0	2206	2206	12.0	23.7	303.3	902.8	-79.4	26.0	-7.7
11TH	126.50	25.3	61.1	2206	2206	11.5	23.7	276.7	842.9	-68.5	22.3	-7.1
12TH	139.00	23.9	62.3	2206	2206	10.8	23.8	251.4	781.7	-58.4	19.0	-6.5
13TH	151.50	22.5	63.5	2206	2206	10.2	23.8	227.5	719.4	-49.0	16.0	-5.9
14TH	164.00	20.9	64.7	2206	2206	9.5	23.4	205.0	655.9	-40.4	13.3	-5.2
15TH	176.50	19.4	65.9	2206	2206	8.8	23.9	184.1	591.1	-32.6	10.9	-4.6
16TH	189.00	17.9	67.1	2206	2206	8.1	30.4	164.7	525.2	-25.6	8.7	-4.1
17TH	201.50	17.2	67.5	2206	2206	7.8	30.6	146.8	458.0	-19.5	6.8	-3.5
18TH	214.00	18.7	67.9	2206	2206	8.5	30.8	129.6	390.5	-14.2	5.1	-3.0
19TH	226.50	20.3	68.2	2206	2206	9.2	30.9	110.9	322.6	-9.7	3.6	-2.5
20TH	239.00	21.8	68.6	2206	2206	9.9	31.1	90.6	254.4	-6.1	2.3	-2.0
21ST	251.50	30.2	88.3	2823	2823	10.7	31.3	68.7	185.8	-3.4	1.3	-1.4
MECH	267.50	32.4	83.8	3390	3390	9.5	24.7	38.5	97.5	-1.1	.4	-.8
ROOF	286.71	6.1	13.8	706	706	8.7	19.5	6.1	13.8	-.0	.0	-.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	52.7	46.5	1644	1826	32.0	25.5	932.2	1321.4	-198.4	126.8	-6.4
2ND	14.00	47.9	44.0	1467	1630	32.7	27.0	879.5	1274.9	-180.3	114.2	-6.3
3RD	26.50	18.4	21.6	558	726	33.1	29.8	831.6	1230.9	-164.6	103.5	-6.2
DUMY	31.25	28.0	36.0	1368	1368	20.5	26.3	813.2	1209.3	-158.8	99.6	-6.0
4TH	39.00	44.4	56.0	2206	2206	20.1	25.4	785.2	1173.3	-149.6	93.4	-6.1
5TH	51.50	44.2	53.9	2206	2206	20.1	24.5	746.8	1117.3	-135.2	83.8	-6.3
6TH	64.00	44.1	52.3	2206	2206	20.0	23.7	696.5	1063.4	-121.6	74.8	-6.4
7TH	76.50	43.2	53.4	2206	2206	19.6	24.2	652.5	1011.1	-108.7	66.4	-6.3
8TH	89.00	42.4	54.6	2206	2206	19.2	24.8	609.2	957.6	-96.4	58.5	-6.2
9TH	101.50	41.8	56.1	2206	2206	19.0	25.4	566.8	903.0	-84.7	51.2	-6.1
10TH	114.00	41.2	57.6	2206	2206	18.7	26.1	525.0	846.9	-73.8	44.3	-5.8
11TH	126.50	40.6	59.1	2206	2206	18.4	26.8	483.7	789.3	-63.6	38.0	-5.5
12TH	139.00	39.9	60.2	2206	2206	18.1	27.3	443.1	730.2	-54.1	32.2	-5.1
13TH	151.50	39.3	60.9	2206	2206	17.8	27.6	403.2	670.0	-45.3	27.0	-4.6
14TH	164.00	38.7	61.4	2206	2206	17.5	27.8	363.8	609.1	-37.3	22.2	-4.1
15TH	176.50	38.1	61.9	2206	2206	17.3	28.1	323.1	547.7	-30.1	17.9	-3.7
16TH	189.00	37.4	62.4	2206	2206	17.0	28.3	282.7	485.8	-23.6	14.0	-3.3
17TH	201.50	36.8	62.5	2206	2206	16.7	28.5	242.6	423.5	-17.9	10.7	-2.9
18TH	214.00	36.8	62.9	2206	2206	16.7	28.7	202.8	361.0	-13.0	7.8	-2.5
19TH	226.50	36.9	63.4	2206	2206	16.7	28.7	176.0	298.0	-8.9	5.4	-2.1
20TH	239.00	36.9	63.9	2206	2206	16.7	29.0	139.1	234.6	-5.6	3.4	-1.7
21ST	251.50	47.3	82.4	2823	2823	16.7	29.2	102.2	170.7	-3.1	1.9	-1.3
MECH	267.50	46.7	76.2	3390	3390	13.8	22.5	54.9	88.3	-1.0	.6	-.7
ROOF	286.71	8.3	12.1	706	706	11.7	17.1	8.3	12.1	-.0	.0	-.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 130

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	51.1	41.7	1644	1826	31.1	22.8	1156.6	1176.1	-177.1	168.2	-2.7
2ND	14.00	46.3	38.6	1467	1630	31.6	23.7	1105.4	1134.4	-161.0	152.4	-2.5
3RD	26.50	17.8	18.9	558	726	31.9	26.0	1059.1	1095.8	-147.0	138.8	-2.4
DUNY	31.25	31.1	31.5	1368	1368	22.8	23.0	1041.3	1076.9	-141.9	133.8	-2.2
4TH	39.00	50.2	49.1	2206	2206	22.8	22.2	1010.2	1045.5	-133.6	125.9	-2.3
5TH	51.50	49.8	47.4	2206	2206	22.6	21.5	960.0	996.4	-120.9	113.6	-2.4
6TH	64.00	49.3	46.1	2206	2206	22.3	20.9	910.2	949.0	-108.7	101.9	-2.5
7TH	76.50	48.3	47.0	2206	2206	21.9	21.3	860.9	902.9	-97.1	90.8	-2.5
8TH	89.00	47.9	47.9	2206	2206	21.7	21.1	812.6	855.9	-86.2	80.4	-2.5
9TH	101.50	49.0	49.2	2206	2206	22.2	22.3	764.7	808.0	-75.8	70.5	-2.5
10TH	114.00	50.2	50.6	2206	2206	22.7	22.9	715.7	758.8	-66.0	61.2	-2.4
11TH	126.50	51.3	52.0	2206	2206	23.3	23.6	665.5	708.2	-56.8	52.6	-2.2
12TH	139.00	52.5	53.7	2206	2206	23.8	24.3	614.1	656.3	-48.3	44.6	-2.0
13TH	151.50	53.2	54.8	2206	2206	24.1	24.9	561.6	602.6	-40.4	37.3	-1.8
14TH	164.00	53.6	55.7	2206	2206	24.3	25.3	508.4	547.8	-33.2	30.6	-1.6
15TH	176.50	54.0	56.7	2206	2206	24.5	25.7	454.8	492.0	-26.7	24.6	-1.4
16TH	189.00	54.4	57.6	2206	2206	24.7	26.1	400.8	435.4	-20.9	19.2	-1.2
17TH	201.50	54.2	57.5	2206	2206	24.6	26.1	346.4	377.8	-15.8	14.5	-1.1
18TH	214.00	53.0	57.3	2206	2206	24.0	26.0	292.3	320.7	-11.5	10.5	-0.9
19TH	226.50	51.8	56.0	2206	2206	23.5	25.9	239.3	263.1	-7.8	7.2	-0.7
20TH	239.00	50.6	56.8	2206	2206	22.9	25.8	187.6	206.0	-4.9	4.6	-0.5
21ST	251.50	63.0	72.4	2823	2823	22.3	25.7	137.0	149.2	-2.7	2.5	-0.4
MECH	267.50	62.8	66.3	3390	3390	18.5	19.6	74.0	76.8	-0.9	0.8	-0.1
ROOF	286.71	11.2	10.4	706	706	15.9	14.8	11.2	10.4	-0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	46.1	27.7	1644	1826	28.0	15.1	1262.0	939.4	-142.6	188.9	1.0
2ND	14.00	41.9	28.6	1467	1630	28.5	17.6	1215.9	911.7	-129.6	171.5	1.1
3RD	26.50	16.1	15.7	559	726	28.9	21.6	1174.1	883.1	-118.4	156.6	1.2
DUMY	31.25	31.0	26.1	1368	1368	22.7	19.1	1158.0	867.4	-114.3	151.0	1.5
4TH	39.00	51.7	40.4	2206	2206	23.4	18.3	1127.0	841.3	-107.6	142.2	1.5
5TH	51.50	52.2	38.8	2206	2206	23.7	17.6	1075.3	800.9	-97.4	128.4	1.3
6TH	64.00	52.7	37.6	2206	2206	23.9	17.0	1023.1	762.0	-87.6	115.3	1.3
7TH	76.50	52.7	38.0	2206	2206	23.9	17.2	970.4	724.4	-78.3	102.8	1.2
8TH	89.00	53.1	38.5	2206	2206	24.1	17.5	917.7	686.4	-69.5	91.0	1.1
9TH	101.50	54.5	39.3	2206	2206	24.7	17.8	864.7	647.9	-61.2	79.9	1.1
10TH	114.00	56.0	40.1	2206	2206	25.4	18.2	810.1	608.6	-53.3	69.4	1.1
11TH	126.50	57.5	41.0	2206	2206	26.1	18.6	754.2	568.5	-45.9	59.7	1.1
12TH	139.00	58.8	42.3	2206	2206	26.7	19.2	696.7	527.5	-39.1	50.6	1.1
13TH	151.50	59.8	43.3	2206	2206	27.1	19.6	637.9	485.3	-32.8	42.2	1.2
14TH	164.00	60.6	44.2	2206	2206	27.5	20.0	578.1	441.9	-27.0	34.6	1.3
15TH	176.50	61.5	45.0	2206	2206	27.9	20.4	517.4	397.7	-21.7	27.8	1.3
16TH	189.00	62.3	45.9	2206	2206	28.3	20.8	455.9	352.7	-17.0	21.7	1.2
17TH	201.50	62.5	46.0	2206	2206	28.3	20.8	393.6	306.8	-12.9	16.4	1.1
18TH	214.00	60.8	46.1	2206	2206	27.6	20.9	331.1	260.9	-9.4	11.9	1.0
19TH	226.50	59.1	46.3	2206	2206	26.8	21.0	270.2	214.8	-6.4	8.1	.9
20TH	239.00	57.4	46.4	2206	2206	26.0	21.0	211.1	168.5	-4.0	5.1	.8
21ST	251.50	71.0	59.6	2823	2823	25.1	21.1	153.7	122.1	-2.2	2.8	.6
MECH	267.50	70.2	54.1	3390	3390	20.7	16.0	82.7	62.5	-.7	.9	.4
ROOF	286.71	12.5	8.4	706	706	17.7	11.9	12.5	8.4	-.0	.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	43.9	16.7	1644	1826	26.7	9.2	1276.7	701.5	-107.0	194.1	3.9
2ND	14.00	39.6	17.8	1467	1630	27.0	10.9	1232.8	684.8	-97.3	176.5	3.9
3RD	26.50	15.2	11.5	558	726	27.2	15.9	1193.1	667.0	-88.8	161.3	4.1
DUMY	31.25	30.2	19.1	1368	1368	22.1	13.9	1177.9	655.5	-85.7	155.7	4.4
4TH	39.00	51.6	30.1	2206	2206	23.4	13.6	1147.7	636.4	-80.7	146.7	4.5
5TH	51.50	52.1	30.5	2206	2206	23.6	13.8	1096.1	606.3	-72.9	132.7	4.3
6TH	64.00	52.6	30.9	2206	2206	23.8	14.0	1044.0	575.8	-65.5	119.3	4.2
7TH	76.50	52.7	30.7	2206	2206	23.9	13.9	991.4	544.9	-58.5	106.6	4.0
8TH	89.00	53.3	30.4	2206	2206	24.2	13.8	938.7	514.2	-51.9	94.5	3.8
9TH	101.50	54.8	30.4	2206	2206	24.9	13.8	885.5	483.7	-45.7	83.1	3.7
10TH	114.60	56.4	30.4	2206	2206	25.6	13.8	830.6	453.3	-39.8	72.4	3.6
11TH	126.50	58.0	30.5	2206	2206	26.3	13.8	774.3	422.9	-34.3	62.4	3.5
12TH	139.00	59.1	31.3	2206	2206	26.8	14.2	716.3	392.4	-29.3	53.0	3.4
13TH	151.50	59.9	32.0	2206	2206	27.1	14.5	657.2	361.1	-24.5	44.5	3.4
14TH	164.00	60.5	32.6	2206	2206	27.4	14.8	597.3	329.1	-20.2	36.6	3.3
15TH	176.50	61.1	33.2	2206	2206	27.7	15.0	536.8	296.5	-16.3	29.5	3.2
16TH	189.00	61.6	33.8	2206	2206	27.9	15.3	475.8	263.3	-12.8	23.2	3.0
17TH	201.50	62.1	33.9	2206	2206	28.1	15.4	414.1	229.5	-9.7	17.6	2.8
18TH	214.00	61.7	34.1	2206	2206	28.0	15.5	352.0	195.6	-7.1	12.8	2.6
19TH	226.50	61.3	34.3	2206	2206	27.8	15.5	290.4	161.5	-4.9	8.8	2.3
20TH	239.00	60.9	34.5	2206	2206	27.6	15.6	229.1	127.3	-3.0	5.6	1.9
21ST	251.50	77.4	44.4	2823	2823	27.4	15.7	168.2	92.8	-1.7	3.1	1.5
MECH	267.50	77.0	41.6	3390	3390	22.7	15.3	90.8	48.4	-0.5	1.0	0.9
ROOF	286.71	13.7	6.7	706	706	19.5	9.5	13.7	6.7	-0.0	0.0	0.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	40.1	2.8	1644	1826	24.4	1.5	1205.8	343.2	-53.5	185.5	7.0
2ND	14.00	36.4	4.6	1467	1630	24.8	2.8	1165.6	340.4	-48.7	168.9	6.9
3RD	26.50	14.0	6.3	558	726	25.0	8.7	1129.3	335.9	-44.5	154.5	7.1
DUMY	31.25	28.7	9.3	1368	1368	21.0	6.8	1115.3	329.5	-42.9	149.2	7.5
4TH	39.00	49.5	14.3	2206	2206	22.4	6.5	1086.6	320.2	-40.4	140.7	7.5
5TH	51.50	49.5	16.5	2206	2206	22.4	7.5	1037.2	306.0	-36.5	127.4	7.4
6TH	64.00	49.5	18.3	2206	2206	22.4	8.3	987.6	289.5	-32.8	114.7	7.1
7TH	76.50	48.8	17.5	2206	2206	22.1	7.9	938.2	271.1	-29.3	102.7	6.8
8TH	89.00	48.8	16.6	2206	2206	22.1	7.5	889.3	253.7	-26.0	91.3	6.5
9TH	101.50	50.3	16.1	2206	2206	22.8	7.3	840.5	237.0	-22.9	80.5	6.3
10TH	114.00	51.7	15.6	2206	2206	23.4	7.1	790.2	220.9	-20.1	70.3	6.0
11TH	126.50	53.1	15.1	2206	2206	24.1	6.9	738.6	205.3	-17.4	60.7	5.8
12TH	139.00	54.3	15.1	2206	2206	24.6	6.9	685.4	190.2	-14.9	51.8	5.6
13TH	151.50	55.1	15.0	2206	2206	25.0	6.8	631.1	175.0	-12.6	43.6	5.4
14TH	164.00	55.9	14.6	2206	2206	25.3	6.8	576.6	160.1	-10.6	36.1	5.2
15TH	176.50	56.6	14.3	2206	2206	25.7	6.8	520.1	145.5	-8.6	29.2	4.9
16TH	189.00	57.4	14.0	2206	2206	26.0	6.8	463.5	131.2	-6.9	23.1	4.5
17TH	201.50	58.2	14.2	2206	2206	26.4	6.5	406.2	117.2	-5.4	17.6	4.1
18TH	214.00	58.7	15.3	2206	2206	26.6	6.9	348.0	103.0	-4.0	12.9	3.6
19TH	226.50	59.2	16.3	2206	2206	26.8	7.4	289.3	87.7	-2.8	8.9	3.1
20TH	239.00	59.7	17.4	2206	2206	27.1	7.9	230.1	71.4	-1.8	5.7	2.5
21ST	251.50	77.1	23.8	2823	2823	27.3	8.4	170.4	54.0	-1.0	3.2	1.9
MECH	267.50	78.9	25.5	3390	3390	23.3	7.5	93.3	30.2	-0.3	1.1	1.1
ROOF	286.71	14.4	4.7	706	706	20.4	6.7	14.4	4.7	-0.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	35.9	-10.7	1644	1826	21.8	-5.9	1085.0	-6.9	-1.2	171.1	6.4
2ND	14.00	32.4	-8.1	1467	1630	22.1	-5.0	1049.1	-3.9	-1.2	156.2	6.1
3RD	26.50	12.4	1.4	558	726	22.2	1.9	1016.7	12.0	-1.1	143.3	6.3
DUNY	31.25	25.8	-	1368	1368	18.8	-	1004.3	10.6	-1.0	138.5	6.6
4TH	39.00	44.9	-2.3	2206	2206	20.3	-1.0	978.6	10.9	-	130.8	6.7
5TH	51.50	44.2	3.9	2206	2206	20.0	1.4	933.7	13.2	-	118.9	6.8
6TH	64.00	43.5	3.5	2206	2206	19.7	1.6	889.5	12.3	-	107.5	6.8
7TH	76.50	41.4	2.7	2206	2206	18.8	1.2	846.1	8.8	-	96.6	6.8
8TH	89.00	40.3	1.9	2206	2206	18.3	1.0	804.8	6.1	-	86.3	6.7
9TH	101.50	41.2	1.7	2206	2206	18.7	1.0	764.5	4.2	-	76.5	6.7
10TH	114.00	42.1	1.4	2206	2206	19.1	1.0	723.3	2.5	-	67.2	6.7
11TH	126.50	43.0	1.1	2206	2206	19.5	1.0	681.2	1.2	-	58.4	6.7
12TH	139.00	44.8	1.0	2206	2206	20.3	1.0	638.2	1.0	-	50.2	6.6
13TH	151.50	46.5	1.0	2206	2206	21.1	1.0	593.3	1.0	-	42.5	6.6
14TH	164.00	48.1	1.0	2206	2206	21.8	1.0	546.9	1.0	-	35.3	6.6
15TH	176.50	49.8	1.0	2206	2206	22.6	1.0	498.8	1.0	-	28.8	6.6
16TH	189.00	51.4	1.0	2206	2206	23.3	1.0	449.0	1.0	-	22.9	6.6
17TH	201.50	53.2	1.0	2206	2206	24.1	1.0	397.6	1.0	-	17.6	6.6
18TH	214.00	55.2	1.0	2206	2206	25.0	1.0	344.4	1.0	-	13.0	6.6
19TH	226.50	57.1	1.0	2206	2206	25.9	1.0	289.2	1.0	-	9.0	6.6
20TH	239.00	59.1	1.0	2206	2206	26.8	1.0	232.1	1.0	-	5.7	6.6
21ST	251.50	78.6	1.0	2206	2206	27.8	1.0	173.0	1.0	-	3.2	6.6
MECH	267.50	79.9	1.0	3390	3390	23.6	1.0	94.4	1.0	-	1.1	6.6
ROOF	286.71	14.5	1.1	706	706	20.5	1.6	14.5	1.1	-	0.0	6.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 180

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	31.4	-19.6	1644	1826	19.1	-10.7	989.5	-79.3	1.9	158.8	-5.2
2ND	14.00	27.9	-19.2	1467	1630	19.0	-11.8	958.1	-59.7	.9	145.2	-5.4
3RD	26.50	10.6	-3.2	558	726	18.9	-4.4	930.2	-40.4	.3	133.4	-4.9
DUMY	31.25	22.2	-7.2	1368	1368	16.3	-5.3	919.7	-37.2	.1	129.0	-4.4
4TH	39.00	39.2	-11.6	2206	2206	17.8	-5.3	897.4	-30.1	-.2	121.9	-4.1
5TH	51.50	38.0	-6.8	2206	2206	17.2	-3.1	858.3	-18.4	-.5	111.0	-4.0
6TH	64.00	36.8	-2.7	2206	2206	16.7	-1.2	820.3	-11.6	-.6	100.5	-4.1
7TH	76.50	35.4	-3.1	2206	2206	16.1	-1.4	783.5	-9.0	-.8	90.5	-4.2
8TH	89.00	35.0	-3.2	2206	2206	15.9	-1.5	748.0	-5.9	-.9	80.9	-4.3
9TH	101.50	36.7	-3.8	2206	2206	16.6	-1.5	713.0	-2.7	-.9	71.7	-4.4
10TH	114.00	38.3	-2.4	2206	2206	17.4	-1.1	676.4	.1	-.9	63.1	-4.3
11TH	126.50	40.1	-1.9	2206	2206	18.2	-.9	638.0	2.5	-.9	54.8	-4.1
12TH	139.00	42.1	-1.1	2206	2206	19.1	-.5	598.0	4.4	-.8	47.1	-3.8
13TH	151.50	43.7	-.7	2206	2206	19.8	-.3	555.9	5.4	-.8	39.9	-3.5
14TH	164.00	45.0	-.6	2206	2206	20.4	-.3	512.2	6.2	-.7	33.2	-3.2
15TH	176.50	46.4	-.5	2206	2206	21.1	-.2	467.2	6.8	-.7	27.1	-2.9
16TH	189.00	47.8	-.4	2206	2206	21.7	-.2	420.8	7.3	-.6	21.6	-2.6
17TH	201.50	49.0	-.5	2206	2206	22.2	-.2	372.9	7.8	-.5	16.6	-2.3
18TH	214.00	51.2	-.2	2206	2206	23.2	.1	323.9	8.2	-.4	12.3	-1.9
19TH	226.50	53.3	.8	2206	2206	24.2	.4	272.7	8.1	-.3	8.5	-1.6
20TH	239.00	55.5	1.4	2206	2206	25.2	.7	219.4	7.3	-.2	5.4	-1.3
21ST	251.50	74.2	2.8	3390	3390	26.3	1.0	163.9	5.8	-.1	3.1	-.9
MECH	267.50	75.9	2.7	3390	3390	22.4	.8	89.7	3.0	-.0	1.0	-.5
ROOF	286.71	13.8	.4	706	706	19.6	.5	13.8	.4	-.0	.0	-.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	27.9	-19.5	1644	1826	17.0	-10.7	913.9	-120.6	4.6	148.1	-14.7
2ND	14.00	24.9	-19.9	1467	1630	17.0	-12.2	886.1	-101.1	3.0	135.5	-14.9
3RD	26.50	9.5	-4.5	558	726	17.0	-6.2	861.1	-81.2	1.9	124.6	-14.5
DUMY	31.25	20.9	-9.8	1368	1368	15.3	-7.1	851.7	-76.7	1.5	120.6	-14.1
4TH	39.00	36.2	-15.6	2206	2206	16.4	-7.1	830.7	-66.9	.9	114.0	-13.7
5TH	51.50	34.8	-12.1	2206	2206	15.8	-5.5	794.5	-51.3	.2	103.9	-13.4
6TH	64.00	33.2	-9.0	2206	2206	15.1	-4.1	759.7	-39.2	-.4	94.2	-13.2
7TH	76.50	31.0	-9.0	2206	2206	14.1	-4.1	726.5	-30.2	-.8	84.9	-13.1
8TH	89.00	30.2	-8.8	2206	2206	13.7	-4.0	695.5	-21.2	-1.1	76.0	-13.0
9TH	101.50	32.2	-7.8	2206	2206	14.6	-3.6	663.3	-12.4	-1.3	67.5	-12.7
10TH	114.00	34.2	-6.9	2206	2206	15.5	-3.1	633.1	-4.6	-1.4	59.4	-12.3
11TH	126.50	36.3	-5.9	2206	2206	16.4	-2.7	603.9	2.3	-1.4	51.7	-11.7
12TH	139.00	38.7	-3.7	2206	2206	17.5	-1.7	562.7	8.2	-1.4	44.4	-11.0
13TH	151.50	40.5	-2.3	2206	2206	18.4	-1.0	524.0	11.9	-1.3	37.6	-10.2
14TH	164.00	42.1	-1.1	2206	2206	19.1	-.5	483.5	14.2	-1.1	31.3	-9.3
15TH	176.50	43.7	-.0	2206	2206	19.8	.0	441.4	15.3	-.9	25.5	-8.5
16TH	189.00	45.3	1.2	2206	2206	20.5	.5	397.6	15.2	-.7	20.3	-7.6
17TH	201.50	46.7	1.8	2206	2206	21.2	.8	352.3	14.0	-.5	15.6	-6.7
18TH	214.00	48.7	2.1	2206	2206	22.1	1.0	305.7	12.2	-.4	11.5	-5.8
19TH	226.50	50.7	2.5	2206	2206	23.0	1.1	257.0	10.1	-.2	8.0	-4.8
20TH	239.00	52.8	2.8	2206	2206	23.9	1.3	206.2	7.6	-.1	5.1	-3.9
21ST	251.50	70.5	4.1	2823	2823	25.0	1.5	153.4	4.8	-.0	2.8	-2.9
MECH	267.50	70.4	1.1	3390	3390	20.8	.3	82.9	.7	-.0	.9	-1.6
ROOF	286.71	12.5	-.4	706	706	17.7	-.6	12.5	-.4	.0	.0	-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 200

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	31.5	-17.9	1644	1826	19.2	-9.8	909.9	-411.4	52.6	145.9	-13.3
2ND	14.00	28.5	-19.1	1467	1630	19.4	-11.7	878.4	-393.3	47.0	132.4	-13.1
3RD	28.00	10.9	-7.1	558	726	19.5	-9.7	850.0	-374.3	42.2	122.6	-12.7
DUMY	31.25	22.7	-16.3	1368	1368	16.6	-11.9	839.1	-367.3	40.5	118.6	-12.4
4TH	39.00	37.5	-25.8	2206	2206	17.0	-11.7	816.4	-350.9	37.7	112.2	-12.0
5TH	51.50	35.4	-23.7	2206	2206	16.0	-10.8	778.9	-325.1	33.4	102.2	-11.6
6TH	64.00	33.1	-21.7	2206	2206	15.0	-9.8	743.5	-301.4	28.5	92.7	-11.3
7TH	76.50	29.8	-20.3	2206	2206	13.5	-9.2	710.3	-279.7	25.9	83.6	-11.1
8TH	89.00	28.2	-19.9	2206	2206	12.8	-9.0	680.6	-259.4	22.5	74.9	-10.9
9TH	101.50	30.4	-20.6	2206	2206	13.8	-9.3	652.4	-239.5	19.4	66.6	-10.7
10TH	114.00	32.7	-21.3	2206	2206	14.8	-9.6	622.0	-218.9	16.5	58.6	-10.5
11TH	126.50	35.0	-22.0	2206	2206	15.9	-10.0	589.3	-197.7	13.9	51.0	-10.1
12TH	139.00	37.6	-21.6	2206	2206	17.0	-9.8	554.2	-175.7	11.6	43.9	-9.6
13TH	151.50	39.5	-20.1	2206	2206	17.9	-9.1	516.6	-154.1	9.5	37.2	-9.1
14TH	164.00	41.1	-18.2	2206	2206	18.6	-8.3	477.1	-134.0	7.7	31.0	-8.4
15TH	176.50	42.8	-16.3	2206	2206	19.4	-7.4	436.0	-115.0	6.2	25.3	-7.7
16TH	189.00	44.4	-14.5	2206	2206	20.1	-6.6	393.2	-99.5	4.8	20.1	-7.0
17TH	201.50	45.9	-13.1	2206	2206	20.8	-5.9	348.9	-85.0	3.7	15.4	-6.1
18TH	214.00	48.1	-12.6	2206	2206	21.8	-5.7	303.0	-71.9	2.7	11.4	-5.2
19TH	226.50	50.4	-12.1	2206	2206	22.8	-5.5	254.9	-59.3	1.9	7.9	-4.3
20TH	239.00	52.6	-11.7	2206	2206	23.8	-5.3	204.5	-47.2	1.2	5.0	-3.4
21ST	251.50	70.6	-14.2	2823	2823	25.0	-5.0	151.9	-35.5	.7	2.8	-2.5
MECH	267.50	69.2	-17.5	3390	3390	26.4	-5.2	81.4	-21.3	.2	.9	-1.4
ROOF	286.71	12.1	-3.8	706	706	17.2	-5.4	12.1	-3.8	.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 210

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	33.0	-18.6	1644	1826	20.1	-10.2	902.5	-585.4	87.0	143.7	-7.2
2ND	14.00	30.2	-17.7	1467	1630	20.6	-10.9	869.5	-566.8	78.9	131.3	-7.0
3RD	26.50	11.7	-6.6	558	726	21.0	-9.1	839.3	-549.1	72.0	120.6	-6.7
DUMY	31.25	23.0	-16.2	1368	1368	16.8	-11.8	827.6	-542.5	69.4	116.7	-6.6
4TH	39.00	37.2	-26.5	2206	2206	16.9	-12.0	804.6	-526.4	65.2	110.3	-6.2
5TH	51.50	34.7	-26.5	2206	2206	15.7	-12.0	767.4	-499.9	58.8	100.5	-5.8
6TH	64.00	32.1	-26.3	2206	2206	14.6	-11.9	732.7	-473.4	52.7	91.1	-5.5
7TH	76.50	28.4	-24.9	2206	2206	12.9	-11.3	700.6	-447.1	47.0	82.2	-5.4
8TH	89.00	26.9	-24.6	2206	2206	12.2	-11.1	672.2	-422.2	41.6	73.6	-5.2
9TH	101.50	29.8	-23.7	2206	2206	13.5	-11.6	645.3	-397.7	36.4	65.4	-5.2
10TH	114.00	32.7	-26.8	2206	2206	14.8	-12.2	615.5	-372.0	31.6	57.5	-5.1
11TH	126.50	35.8	-28.0	2206	2206	16.2	-12.7	582.7	-345.2	27.1	50.0	-4.9
12TH	139.00	38.1	-28.5	2206	2206	17.3	-12.9	547.0	-317.2	23.0	42.9	-4.7
13TH	151.50	39.8	-28.4	2206	2206	18.0	-12.9	508.9	-288.7	19.2	36.3	-4.4
14TH	164.00	41.3	-28.0	2206	2206	18.7	-12.7	469.1	-260.3	15.8	30.2	-4.1
15TH	176.50	42.8	-27.6	2206	2206	19.4	-12.5	427.8	-232.3	12.7	24.6	-3.8
16TH	189.00	44.3	-27.3	2206	2206	20.1	-12.4	385.0	-204.7	10.0	19.5	-3.4
17TH	201.50	45.8	-27.0	2206	2206	20.8	-12.2	340.7	-177.4	7.6	15.0	-2.9
18TH	214.00	47.6	-26.5	2206	2206	21.6	-12.0	294.9	-150.4	5.5	11.0	-2.5
19TH	226.50	49.4	-26.0	2206	2206	22.4	-11.8	247.3	-123.9	3.8	7.6	-2.0
20TH	239.00	51.2	-25.5	2206	2206	23.2	-11.6	198.0	-97.9	2.4	4.8	-1.6
21ST	251.50	68.1	-31.9	2823	2823	24.1	-11.3	146.8	-72.4	1.4	2.7	-1.1
MECH	267.50	66.9	-34.0	3390	3390	19.7	-10.0	78.6	-40.5	.5	.9	-.6
ROOF	286.71	11.7	-6.5	706	706	16.6	-9.3	11.7	-6.5	.0	.0	-.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	34.9	-23.2	1644	1826	21.2	-12.7	802.1	-773.0	118.5	126.9	-2.2
2ND	14.00	32.1	-19.6	1467	1630	21.9	-12.0	767.2	-749.8	107.9	115.9	-2.0
3RD	26.50	12.4	-7.5	558	726	22.3	-10.4	735.1	-730.2	98.6	106.6	-1.8
DUMY	31.25	20.0	-21.4	1368	1368	14.6	-15.7	722.7	-722.6	95.2	103.1	-1.7
4TH	39.00	32.3	-34.8	2206	2206	14.7	-15.8	702.7	-701.2	89.6	97.6	-1.4
5TH	51.50	29.9	-34.6	2206	2206	13.5	-15.7	670.4	-666.4	81.1	89.0	-1.1
6TH	64.00	27.2	-34.0	2206	2206	12.4	-15.4	640.5	-631.1	73.0	80.8	-1.1
7TH	76.50	33.3	-31.1	2206	2206	10.7	-14.1	613.3	-597.7	65.3	73.0	-1.1
8TH	89.00	21.8	-29.8	2206	2206	9.9	-13.5	589.8	-566.7	58.0	65.4	-1.6
9TH	101.50	24.6	-31.0	2206	2206	11.2	-14.0	567.9	-536.9	51.1	58.2	-1.6
10TH	114.00	27.4	-32.2	2206	2206	12.4	-14.6	543.3	-505.9	44.6	51.3	-1.5
11TH	126.50	30.2	-33.5	2206	2206	13.7	-15.2	515.9	-473.7	38.8	44.6	-1.4
12TH	139.00	32.4	-35.1	2206	2206	14.7	-15.9	485.7	-440.3	32.8	38.4	-1.3
13TH	151.50	34.3	-36.1	2206	2206	15.5	-16.3	453.2	-405.2	27.7	32.5	-1.2
14TH	164.00	36.0	-36.8	2206	2206	16.3	-16.7	419.0	-369.1	22.7	27.1	-1.1
15TH	176.50	37.7	-37.5	2206	2206	17.1	-17.0	383.0	-332.3	18.3	22.0	-1.0
16TH	189.00	39.4	-38.2	2206	2206	17.9	-17.3	345.4	-294.8	14.3	17.5	-1.1
17TH	201.50	41.1	-38.6	2206	2206	18.6	-17.5	306.0	-256.6	10.9	13.4	-1.1
18TH	214.00	42.8	-38.3	2206	2206	19.4	-17.4	264.9	-218.0	7.9	9.9	-1.1
19TH	226.50	44.6	-38.1	2206	2206	20.2	-17.3	222.1	-179.6	5.4	6.8	-1.2
20TH	239.00	46.3	-37.8	2206	2206	21.0	-17.1	177.5	-141.6	3.4	4.3	-1.2
21ST	251.50	61.9	-48.0	2823	3323	21.9	-17.0	131.1	-103.7	1.9	2.4	-1.2
MECH	267.50	59.2	-47.3	3390	3390	17.5	-14.0	69.3	-55.7	.6	.8	-1.2
ROOF	286.71	10.1	-8.4	706	706	14.3	-11.9	10.1	-8.4	.0	.0	-1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 230

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	36.2	-23.3	1644	1826	22.0	-12.8	661.9	-883.1	139.1	102.1	2.7
2ND	14.00	33.3	-17.3	1467	1630	22.7	-10.6	625.8	-859.8	126.9	93.1	2.9
3RD	26.50	12.9	-7.2	558	726	23.1	-10.0	592.5	-842.5	116.2	85.5	3.1
DUMY	31.25	15.5	-22.6	1368	1368	11.3	-16.5	579.6	-835.2	112.3	82.7	3.1
4TH	39.00	25.6	-36.9	2206	2206	11.6	-16.7	564.1	-812.6	105.9	78.2	3.2
5TH	51.50	24.2	-37.2	2206	2206	11.0	-16.9	538.5	-775.7	95.9	71.4	3.2
6TH	64.00	22.8	-37.0	2206	2206	10.3	-16.8	514.3	-738.5	86.5	64.8	3.2
7TH	76.50	20.1	-34.1	2206	2206	9.1	-15.4	491.5	-701.5	77.5	58.5	3.3
8TH	89.00	18.9	-32.9	2206	2206	8.6	-14.9	471.4	-667.5	68.9	52.5	3.3
9TH	101.50	20.5	-35.0	2206	2206	9.3	-15.9	452.6	-634.6	60.8	46.7	3.3
10TH	114.00	22.1	-37.2	2206	2206	10.0	-16.8	432.1	-598.6	53.1	41.2	3.4
11TH	126.50	23.9	-39.4	2206	2206	10.8	-17.8	409.9	-566.3	45.8	35.9	3.4
12TH	139.00	25.2	-41.9	2206	2206	11.4	-19.0	386.1	-528.1	39.0	30.9	3.5
13TH	151.50	26.5	-43.1	2206	2206	12.0	-19.5	360.9	-481.2	32.8	26.3	3.6
14TH	164.00	27.8	-43.7	2206	2206	12.6	-19.8	334.5	-438.1	27.0	21.9	3.8
15TH	176.50	29.1	-44.3	2206	2206	13.2	-20.1	306.7	-394.4	21.8	17.9	3.6
16TH	189.00	30.5	-44.9	2206	2206	13.8	-20.3	277.5	-350.2	17.1	14.3	3.4
17TH	201.50	32.0	-45.3	2206	2206	14.5	-20.5	247.1	-305.3	13.1	11.0	3.2
18TH	214.00	33.8	-45.2	2206	2206	15.3	-20.5	215.1	-260.0	9.5	8.1	2.9
19TH	226.50	35.6	-45.1	2206	2206	16.1	-20.4	181.3	-214.8	6.5	5.6	1.7
20TH	239.00	37.4	-44.9	2206	2206	17.0	-20.4	145.7	-169.7	4.1	3.6	1.4
21ST	251.50	50.5	-57.3	2823	2823	17.9	-20.3	108.3	-124.8	2.3	2.0	1.1
MECH	267.50	49.2	-57.2	3390	3390	14.5	-16.9	57.7	-67.5	.8	.7	.7
ROOF	286.71	8.5	-10.2	706	706	12.1	-14.5	8.5	-10.2	.0	.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	34.5	-24.5	1644	1826	21.0	-13.4	500.2	-943.1	150.2	73.3	7.8
2ND	14.00	32.5	-17.5	1467	1630	22.2	-10.7	465.7	-918.5	137.1	66.5	8.1
3RD	26.50	12.8	-7.7	558	726	22.9	-10.6	433.2	-901.1	125.8	60.9	8.3
DUMY	31.25	9.9	-23.0	1368	1368	7.2	-16.9	420.4	-893.3	121.5	58.9	8.4
4TH	39.00	17.8	-37.5	2206	2206	8.1	-17.0	410.6	-870.3	114.7	55.6	8.2
5TH	51.50	18.3	-37.9	2206	2206	8.3	-17.2	392.7	-832.8	104.0	50.6	8.0
6TH	64.00	18.5	-38.0	2206	2206	8.4	-17.2	374.4	-794.9	93.9	45.8	7.8
7TH	76.50	17.2	-35.7	2206	2206	7.8	-16.2	355.9	-756.9	84.2	41.3	7.6
8TH	89.00	16.5	-35.0	2206	2206	7.5	-15.9	338.7	-721.2	74.9	36.9	7.5
9TH	101.50	17.3	-37.2	2206	2206	7.8	-16.9	322.2	-686.2	66.1	32.8	7.4
10TH	114.00	18.0	-39.4	2206	2206	8.2	-17.9	305.0	-649.0	57.8	28.9	7.2
11TH	126.50	18.7	-41.6	2206	2206	8.5	-18.9	287.0	-609.6	49.9	25.2	6.9
12TH	139.00	18.8	-44.0	2206	2206	8.5	-19.9	268.3	-568.1	42.6	21.7	6.6
13TH	151.50	19.0	-45.6	2206	2206	8.6	-20.7	249.4	-524.1	35.5	18.5	6.2
14TH	164.00	19.2	-46.9	2206	2206	8.7	-21.2	230.4	-478.9	29.9	15.5	5.8
15TH	176.50	19.5	-48.2	2206	2206	8.8	-21.8	211.2	-431.7	23.8	12.7	5.4
16TH	189.00	19.7	-49.5	2206	2206	8.9	-22.4	191.7	-383.5	18.7	10.2	4.9
17TH	201.50	20.6	-50.4	2206	2206	9.3	-22.9	172.0	-334.0	14.2	7.9	4.4
18TH	214.00	22.2	-50.0	2206	2206	10.1	-22.7	151.4	-283.6	10.3	5.9	3.9
19TH	226.50	23.9	-49.5	2206	2206	10.6	-22.4	129.2	-233.6	7.1	4.1	3.4
20TH	239.00	25.5	-49.1	2206	2206	11.6	-22.2	105.4	-184.1	4.5	2.7	2.8
21ST	251.50	35.0	-62.1	2823	2823	12.4	-22.0	79.9	-135.1	2.5	1.5	2.2
MECH	267.50	37.6	-61.9	3390	3390	11.1	-18.3	44.8	-72.9	.8	.5	1.3
ROOF	286.71	7.2	-11.0	706	706	10.2	-15.6	7.2	-11.0	.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS:
WIND DIRECTION 250

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	29.5	-20.6	1644	1826	17.9	-11.3	315.5	-933.0	152.7	39.4	8.9
2ND	14.00	29.0	-13.8	1467	1630	19.8	-8.4	286.1	-912.4	139.8	35.2	9.4
3RD	26.50	11.7	-5.9	558	726	21.0	-8.2	257.1	-898.6	128.5	31.8	9.8
DUNY	31.25	6.4	-20.2	1368	1368	4.6	-14.7	245.4	-892.7	124.2	30.6	9.9
4TH	39.00	12.3	-33.5	2206	2206	5.6	-15.2	239.0	-872.5	117.4	28.8	9.8
5TH	51.50	13.5	-34.5	2206	2206	6.1	-15.7	226.7	-839.1	106.7	25.9	9.6
6TH	64.00	14.4	-35.4	2206	2206	6.5	-16.0	213.2	-804.5	96.4	23.1	9.4
7TH	76.50	13.3	-34.1	2206	2206	6.0	-15.5	198.7	-769.2	86.6	20.5	9.3
8TH	89.00	12.6	-34.2	2206	2206	5.7	-15.5	185.4	-735.0	77.2	18.1	9.1
9TH	101.50	12.7	-36.6	2206	2206	5.8	-16.6	172.9	-700.9	68.2	15.9	8.9
10TH	114.00	12.9	-39.1	2206	2206	5.9	-17.7	160.1	-664.3	59.7	13.8	8.7
11TH	126.50	13.1	-41.5	2206	2206	5.9	-18.8	147.2	-625.2	51.6	11.9	8.3
12TH	139.00	12.4	-44.0	2206	2206	5.6	-19.9	134.1	-583.7	44.1	10.1	8.0
13TH	151.50	11.9	-45.8	2206	2206	5.4	-20.8	121.7	-539.7	37.0	8.5	7.5
14TH	164.00	11.3	-47.4	2206	2206	5.1	-21.5	109.8	-493.9	30.6	7.1	7.1
15TH	176.50	10.8	-49.0	2206	2206	4.9	-22.2	98.5	-446.5	24.7	5.8	6.6
16TH	189.00	10.3	-50.6	2206	2206	4.7	-22.9	87.7	-397.7	19.4	4.6	6.0
17TH	201.50	10.2	-51.7	2206	2206	4.6	-23.4	77.4	-346.9	14.8	3.6	5.5
18TH	214.00	10.2	-51.6	2206	2206	4.6	-23.4	67.2	-295.2	10.8	2.7	4.9
19TH	226.50	10.3	-51.4	2206	2206	4.7	-23.3	57.0	-243.7	7.4	1.9	4.2
20TH	239.00	10.4	-51.3	2206	2206	4.7	-23.3	46.7	-192.2	4.7	1.3	3.4
21ST	251.50	13.4	-63.5	2823	2823	4.7	-23.2	36.3	-140.9	2.6	.7	2.6
MECH	267.50	18.6	-64.2	3390	3390	5.5	-18.9	22.9	-75.5	.9	.3	1.4
ROOF	286.71	4.3	-11.2	706	706	6.1	-15.9	4.3	-11.2	.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	21.4	-20.8	1644	1826	13.0	-11.4	163.0	-935.0	152.9	15.5	5.5
2ND	14.00	22.4	-18.2	1467	1630	15.3	-11.2	141.6	-914.3	140.0	13.4	6.1
3RD	26.50	9.3	-8.7	558	726	16.8	-12.0	119.1	-896.1	128.7	11.8	6.7
DUMY	31.25	1.6	-22.4	1368	1368	1.2	-16.4	109.8	-887.4	124.4	11.2	6.9
4TH	39.00	4.3	-35.0	2206	2206	1.9	-15.9	108.1	-865.0	117.7	10.4	6.9
5TH	51.50	5.8	-33.4	2206	2206	2.6	-15.1	103.9	-830.0	107.1	9.1	6.9
6TH	64.00	7.0	-31.9	2206	2206	3.2	-14.4	98.1	-796.7	96.9	7.8	6.9
7TH	76.50	7.1	-31.1	2206	2206	3.2	-14.1	91.0	-764.8	87.1	6.6	7.0
8TH	89.00	7.4	-31.8	2206	2206	3.3	-14.4	84.0	-733.7	77.8	5.5	7.0
9TH	101.50	8.3	-35.0	2206	2206	3.8	-15.9	76.6	-701.9	68.8	4.5	6.9
10TH	114.00	9.3	-38.2	2206	2206	4.2	-17.3	68.3	-666.9	60.2	3.6	6.8
11TH	126.50	10.3	-41.4	2206	2206	4.7	-18.8	59.0	-628.7	52.1	2.8	6.6
12TH	139.00	9.2	-44.5	2206	2206	4.2	-20.2	48.7	-587.3	44.5	2.1	6.3
13TH	151.50	8.2	-46.2	2206	2206	3.7	-21.0	39.5	-542.8	37.5	1.6	6.0
14TH	164.00	7.3	-47.5	2206	2206	3.3	-21.5	31.3	-496.5	31.0	1.2	5.7
15TH	176.50	6.4	-48.8	2206	2206	2.9	-22.1	24.0	-449.0	25.1	.8	5.2
16TH	189.00	5.4	-50.1	2206	2206	2.5	-22.7	17.7	-400.2	19.8	.5	4.8
17TH	201.50	4.6	-50.9	2206	2206	2.1	-23.1	12.3	-350.1	15.1	.4	4.3
18TH	214.00	3.2	-51.2	2206	2206	1.5	-23.2	7.7	-299.2	11.0	.2	3.8
19TH	226.50	1.9	-51.4	2206	2206	.9	-23.3	4.3	-248.0	7.6	.2	3.2
20TH	239.00	1.6	-51.6	2206	2206	.3	-23.4	2.0	-196.6	4.8	.1	2.6
21ST	251.50	-1.2	-66.4	2823	2823	-1.4	-23.5	2.0	-145.0	2.7	.1	2.0
MECH	267.50	2.1	-66.6	3390	3390	1.6	-19.7	3.2	-78.5	.9	.0	1.1
ROOF	286.71	1.0	-11.9	706	706	1.5	-16.9	1.0	-11.9	.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	17.4	-22.6	1644	1826	10.6	-12.4	51.3	-958.4	155.6	3.2	-3.1
2ND	14.00	17.9	-18.4	1467	1630	12.2	-11.3	33.9	-935.8	142.3	2.6	-2.5
3RD	26.50	7.4	-8.4	558	726	13.3	-11.6	16.0	-917.5	130.7	2.3	-1.9
DUMY	31.25	-2.4	-22.9	1368	1368	-1.8	-16.7	8.5	-909.1	126.4	2.3	-1.7
4TH	39.00	-3.2	-36.6	2206	2206	-1.5	-16.6	11.0	-886.2	119.4	2.2	-1.7
5TH	51.50	-2.8	-36.1	2206	2206	-1.3	-16.3	14.2	-849.5	108.6	2.0	-1.7
6TH	64.00	-2.3	-35.5	2206	2206	-1.0	-16.1	17.0	-813.3	98.2	1.8	-1.6
7TH	76.50	-1.4	-34.9	2206	2206	-.6	-15.8	19.3	-778.0	88.2	1.6	-1.5
8TH	89.00	-.3	-35.3	2206	2206	-.1	-16.0	20.7	-743.1	78.7	1.4	-1.3
9TH	101.50	1.1	-37.3	2206	2206	.5	-16.9	21.0	-707.9	69.7	1.1	-1.2
10TH	114.00	2.5	-39.4	2206	2206	1.2	-17.9	19.9	-670.5	61.1	.8	-1.1
11TH	126.50	4.0	-41.5	2206	2206	1.8	-18.8	17.3	-631.1	52.9	.6	-1.0
12TH	139.00	3.1	-43.6	2206	2206	1.4	-19.8	13.3	-589.7	45.3	.4	-.8
13TH	151.50	2.6	-45.2	2206	2206	1.2	-20.5	10.2	-546.1	38.2	.3	-.7
14TH	164.00	2.3	-46.6	2206	2206	1.0	-21.1	7.6	-500.9	31.6	.2	-.6
15TH	176.50	1.9	-48.1	2206	2206	.9	-21.8	5.3	-454.3	25.7	.1	-.5
16TH	189.00	1.6	-49.5	2206	2206	.7	-22.5	3.4	-406.2	20.3	.0	-.4
17TH	201.50	1.1	-50.8	2206	2206	.5	-23.0	1.8	-356.7	15.5	.0	-.3
18TH	214.00	.7	-51.4	2206	2206	.3	-23.2	.7	-305.9	11.4	.0	-.2
19TH	226.50	.4	-51.8	2206	2206	.2	-23.5	-.0	-254.6	7.9	.0	-.2
20TH	239.00	.1	-52.3	2206	2206	.1	-23.7	-.5	-202.9	5.0	.0	-.1
21ST	251.50	-.3	-67.6	2823	2823	-.1	-24.0	-.6	-150.6	2.8	.0	-.1
MECH	267.50	-.3	-70.0	3390	3390	-.1	-20.7	-.3	-83.0	.9	.0	-.1
ROOF	286.71	-.0	-13.0	706	706	-.0	-18.3	-.0	-13.0	.0	.0	-.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	12.2	-26.5	1644	1826	7.4	-14.5	-113.9	-1011.8	161.2	-17.4	-9.4
2ND	14.00	12.9	-19.9	1467	1630	8.8	-12.2	-126.1	-985.3	147.2	-15.7	-9.0
3RD	26.50	5.4	-8.7	558	726	9.6	-12.1	-139.0	-965.4	135.1	-14.0	-8.6
DUMY	31.25	-7.3	-22.9	1368	1368	-5.3	-16.7	-144.3	-956.7	130.5	-13.4	-8.6
4TH	39.00	-12.0	-38.3	2206	2206	-3.4	-17.3	-137.1	-933.8	123.2	-12.3	-8.7
5TH	51.50	-12.2	-39.5	2206	2206	-3.5	-17.9	-125.1	-895.5	111.7	-10.6	-8.8
6TH	64.00	-12.3	-40.5	2206	2206	-3.6	-18.3	-112.9	-856.1	100.8	-9.2	-8.8
7TH	76.50	-12.0	-39.9	2206	2206	-3.4	-18.1	-100.6	-815.6	90.3	-7.8	-8.7
8TH	89.00	-11.3	-40.1	2206	2206	-3.1	-18.2	-88.6	-775.7	80.4	-6.6	-8.6
9TH	101.50	-10.1	-41.8	2206	2206	-4.6	-19.0	-77.3	-735.6	70.9	-5.6	-8.4
10TH	114.00	-8.9	-43.5	2206	2206	-4.0	-19.7	-67.2	-693.7	62.0	-4.7	-8.1
11TH	126.50	-7.7	-45.0	2206	2206	-3.5	-20.5	-58.0	-650.0	52.6	-3.9	-7.7
12TH	139.00	-7.7	-46.8	2206	2206	-3.5	-21.0	-50.6	-605.0	43.8	-3.2	-7.3
13TH	151.50	-6.8	-48.0	2206	2206	-3.1	-21.8	-42.9	-558.3	38.5	-2.6	-6.8
14TH	164.00	-5.7	-49.1	2206	2206	-2.6	-22.3	-36.1	-510.2	31.8	-2.2	-6.2
15TH	176.50	-4.6	-50.2	2206	2206	-2.1	-22.8	-30.3	-461.1	25.7	-1.7	-5.7
16TH	189.00	-3.5	-51.3	2206	2206	-1.6	-23.3	-25.7	-410.9	20.3	-1.4	-5.1
17TH	201.50	-3.1	-52.3	2206	2206	-1.4	-23.7	-22.2	-359.6	15.3	-1.1	-4.6
18TH	214.00	-2.9	-52.5	2206	2206	-1.3	-23.8	-19.1	-307.3	11.3	-.8	-4.0
19TH	226.50	-2.6	-52.8	2206	2206	-1.2	-23.9	-16.3	-254.8	7.8	-.6	-3.3
20TH	239.00	-2.4	-53.1	2206	2206	-1.1	-24.1	-13.7	-201.9	4.9	-.4	-2.7
21ST	251.50	-2.6	-68.4	2823	3283	-1.9	-24.2	-11.3	-148.8	2.7	-.3	-2.1
MECH	267.50	-6.7	-68.3	3390	3390	-2.0	-20.1	-8.7	-80.5	.9	-.1	-1.2
ROOF	286.71	-1.9	-12.2	766	766	-2.7	-17.3	-1.9	-12.2	.0	-.0	-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	5.9	-31.6	1644	1826	3.6	-17.3	-346.2	-1071.8	168.0	-54.2	-9.5
2ND	14.00	6.8	-24.2	1467	1630	4.6	-14.8	-358.1	-1040.2	153.2	-49.3	-9.2
3RD	26.50	3.0	-10.3	558	726	5.3	-14.2	-358.9	-1016.0	140.3	-44.9	-9.1
DUMY	31.25	-11.5	-24.2	1368	1368	-8.4	-17.7	-358.9	-1003.7	135.5	-43.2	-9.1
4TH	39.00	-19.2	-40.9	2206	2206	-8.7	-18.6	-358.4	-981.5	127.8	-40.4	-9.3
5TH	51.50	-19.5	-42.7	2206	2206	-8.9	-19.3	-333.2	-940.6	115.8	-36.5	-9.5
6TH	64.00	-19.9	-44.2	2206	2206	-9.0	-20.0	-311.1	-897.9	104.3	-32.2	-9.5
7TH	76.50	-20.8	-43.7	2206	2206	-9.5	-19.8	-291.7	-853.8	93.4	-28.4	-9.4
8TH	89.00	-21.3	-43.9	2206	2206	-9.7	-19.9	-270.9	-810.1	83.0	-24.9	-9.2
9TH	101.50	-20.9	-45.2	2206	2206	-9.5	-20.5	-249.5	-766.2	73.1	-21.6	-9.0
10TH	114.00	-20.4	-46.5	2206	2206	-9.3	-21.1	-228.8	-721.0	63.8	-18.6	-8.8
11TH	126.50	-20.0	-47.9	2206	2206	-9.1	-21.7	-208.8	-674.4	55.1	-15.9	-8.4
12TH	139.00	-19.4	-48.9	2206	2206	-8.8	-22.2	-188.8	-626.6	47.0	-13.4	-8.0
13TH	151.50	-18.4	-50.2	2206	2206	-8.3	-22.7	-168.9	-577.7	39.4	-11.2	-7.6
14TH	164.00	-17.2	-51.5	2206	2206	-7.8	-23.3	-149.5	-527.5	32.5	-9.2	-7.0
15TH	176.50	-16.0	-52.9	2206	2206	-7.3	-24.0	-130.3	-476.0	26.3	-7.4	-6.5
16TH	189.00	-14.9	-54.2	2206	2206	-6.7	-24.6	-111.7	-423.1	20.6	-5.9	-5.8
17TH	201.50	-14.7	-55.4	2206	2206	-6.6	-25.1	-92.7	-368.8	15.7	-4.5	-5.2
18TH	214.00	-14.7	-55.0	2206	2206	-6.7	-24.9	-73.2	-313.5	11.4	-3.3	-4.4
19TH	226.50	-14.7	-54.6	2206	2206	-6.7	-24.8	-53.8	-258.5	7.9	-2.3	-3.3
20TH	239.00	-14.8	-54.3	2206	2206	-6.7	-24.6	-34.3	-203.8	5.0	-1.5	-2.0
21ST	251.50	-18.9	-60.7	3390	3390	-6.7	-24.4	-14.8	-149.5	2.8	-.8	-1.1
MECH	267.50	-20.7	-68.4	3390	3390	-6.1	-20.2	-3.6	-80.6	.9	-.3	-.3
ROOF	286.71	-3.9	-12.1	706	706	-5.5	-17.2	-3.9	-12.1	.0	-.0	-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 300

CONFIGURATION A

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-2.0	-35.9	1644	1826	-1.2	-19.6	-596.3	-1043.1	156.4	-96.3	-4.7
2ND	14.00	-1.3	-30.8	1467	1630	-1.2	-18.9	-594.3	-1007.2	142.0	-88.0	-4.8
3RD	26.50	-1.3	-13.4	558	726	-1.5	-18.5	-594.0	-976.4	129.6	-80.6	-4.8
DUMY	31.25	-1.5	-28.2	1368	1368	-11.4	-20.6	-594.3	-962.9	125.0	-77.7	-4.9
4TH	39.00	-25.6	-45.8	2206	2206	-11.6	-20.8	-578.7	-932.7	117.7	-73.2	-1.1
5TH	51.50	-26.1	-45.4	2206	2206	-11.8	-20.6	-553.1	-888.9	106.3	-66.1	-1.3
6TH	64.00	-26.7	-45.0	2206	2206	-12.1	-20.4	-527.0	-843.4	93.4	-59.4	-1.5
7TH	76.50	-27.9	-44.1	2206	2206	-12.6	-20.0	-500.3	-798.5	83.2	-53.6	-1.6
8TH	89.00	-28.8	-43.9	2206	2206	-13.1	-19.9	-472.4	-754.4	73.5	-46.9	-1.6
9TH	101.50	-29.2	-44.8	2206	2206	-13.2	-20.3	-443.6	-710.5	66.3	-41.1	-1.6
10TH	114.00	-29.6	-45.7	2206	2206	-13.4	-20.7	-414.4	-665.7	57.7	-35.8	-1.6
11TH	126.50	-29.9	-46.6	2206	2206	-13.6	-21.1	-384.8	-620.1	49.7	-30.8	-1.6
12TH	139.00	-30.4	-47.5	2206	2206	-13.8	-21.5	-354.9	-573.5	42.2	-26.2	-1.6
13TH	151.50	-30.3	-48.2	2206	2206	-13.8	-21.8	-324.5	-526.0	35.3	-21.9	-1.6
14TH	164.00	-30.2	-48.7	2206	2206	-13.7	-22.1	-294.2	-477.9	29.1	-18.1	-1.6
15TH	176.50	-30.0	-49.3	2206	2206	-13.6	-22.4	-264.0	-429.1	23.4	-14.6	-1.6
16TH	189.00	-29.9	-49.9	2206	2206	-13.5	-22.6	-234.0	-379.8	18.3	-11.5	-1.6
17TH	201.50	-29.9	-50.2	2206	2206	-13.6	-22.8	-204.1	-329.9	13.9	-8.7	-1.6
18TH	214.00	-30.1	-49.8	2206	2206	-13.6	-23.0	-174.2	-279.7	10.1	-6.4	-1.6
19TH	226.50	-30.2	-49.9	2206	2206	-13.7	-23.4	-144.1	-229.9	6.9	-4.4	-1.6
20TH	239.00	-30.0	-48.8	2206	2206	-13.8	-22.2	-113.3	-180.6	4.4	-2.7	-1.6
21ST	251.50	-33.9	-61.9	3390	3390	-13.9	-21.9	-83.4	-131.7	2.4	-1.5	-1.6
MECH	267.50	-37.8	-59.5	3390	3390	-11.1	-17.6	-44.1	-69.8	.8	-.5	-1.0
ROOF	286.71	-6.3	-10.2	706	706	-8.9	-14.5	-6.3	-10.2	.0	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-10.0	-38.2	1644	1826	-6.1	-20.9	-854.8	-978.9	143.4	-138.1	1.2
2ND	14.00	-6.6	-33.5	1467	1630	-4.5	-20.5	-844.8	-940.7	130.0	-126.2	.9
3RD	28.00	-1.9	-13.8	558	726	-3.5	-19.0	-838.2	-907.3	118.5	-115.7	.8
DUMY	31.25	-20.4	-27.9	1368	1368	-14.9	-20.4	-836.6	-893.5	114.2	-111.7	.8
4TH	39.00	-33.3	-45.0	2206	2206	-15.1	-20.4	-815.9	-865.6	107.4	-105.3	.6
5TH	51.50	-33.5	-43.8	2206	2206	-15.2	-19.9	-782.6	-820.0	96.8	-95.3	.3
6TH	64.00	-33.9	-42.7	2206	2206	-15.4	-19.3	-749.1	-776.7	86.8	-85.8	.0
7TH	76.50	-36.0	-42.0	2206	2206	-16.3	-19.0	-715.2	-734.0	77.4	-76.6	.0
8TH	89.00	-38.0	-41.8	2206	2206	-17.2	-18.9	-679.2	-692.0	68.5	-67.9	.0
9TH	101.50	-39.6	-42.3	2206	2206	-17.9	-19.2	-641.3	-650.2	60.1	-59.7	.0
10TH	114.00	-41.2	-42.8	2206	2206	-18.7	-19.4	-601.7	-607.9	52.2	-51.9	.0
11TH	126.50	-42.8	-43.4	2206	2206	-19.4	-19.6	-560.5	-565.1	44.9	-44.6	.0
12TH	139.00	-43.9	-43.8	2206	2206	-19.9	-19.9	-517.7	-521.9	38.1	-37.9	.0
13TH	151.50	-44.3	-44.3	2206	2206	-20.1	-20.1	-473.8	-478.0	31.9	-31.7	.0
14TH	164.00	-44.5	-44.8	2206	2206	-20.2	-20.3	-429.6	-433.7	26.2	-26.0	.0
15TH	176.50	-44.6	-45.3	2206	2206	-20.2	-20.6	-385.1	-388.8	21.0	-21.0	.0
16TH	189.00	-44.8	-45.8	2206	2206	-20.3	-20.8	-340.0	-344.3	16.4	-16.4	.0
17TH	201.50	-44.7	-46.1	2206	2206	-20.3	-20.9	-295.6	-299.7	12.4	-12.4	.0
18TH	214.00	-44.6	-45.5	2206	2206	-20.2	-20.6	-250.9	-255.1	9.0	-9.0	.0
19TH	226.50	-44.4	-44.9	2206	2206	-20.1	-20.4	-206.4	-206.1	6.1	-6.2	.0
20TH	239.00	-44.3	-44.3	2206	2206	-20.1	-20.1	-161.9	-161.2	3.9	-3.9	.0
21ST	251.50	-52.7	-52.8	3393	3393	-20.0	-19.8	-117.7	-116.9	2.1	-2.1	.0
MECH	264.00	-52.7	-52.4	3393	3393	-15.5	-15.4	-61.2	-61.1	.7	-.7	.0
ROOF	286.71	-8.5	-8.8	706	706	-12.0	-12.4	-8.5	-8.8	.0	-.0	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 320

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-17.4	-37.6	1644	1826	-10.6	-20.6	-1010.1	-848.7	120.8	-160.1	6.5
2ND	14.00	-14.1	-32.7	1467	1630	-9.6	-20.1	-992.8	-811.1	109.2	-146.1	6.1
3RD	26.50	-5.0	-13.0	558	726	-9.0	-17.9	-978.6	-778.4	99.2	-133.8	5.8
DUNY	31.25	-24.9	-24.9	1368	1368	-18.2	-18.2	-973.6	-765.4	95.6	-129.2	5.7
4TH	39.00	-40.1	-40.4	2206	2206	-18.2	-18.3	-948.7	-740.5	89.7	-121.7	5.5
5TH	51.50	-40.2	-39.7	2206	2206	-18.2	-18.0	-908.6	-700.2	80.7	-110.1	5.1
6TH	64.00	-40.6	-39.1	2206	2206	-18.4	-17.7	-868.4	-660.4	72.2	-99.0	4.6
7TH	76.50	-42.8	-38.4	2206	2206	-19.4	-17.4	-827.8	-621.4	64.2	-88.4	4.2
8TH	89.00	-44.9	-38.0	2206	2206	-20.4	-17.2	-785.0	-583.0	56.7	-78.3	3.8
9TH	101.50	-46.6	-37.9	2206	2206	-21.1	-17.2	-740.0	-545.0	49.6	-68.8	3.4
10TH	114.00	-48.3	-37.8	2206	2206	-21.9	-17.1	-693.4	-507.2	43.1	-59.8	3.0
11TH	126.50	-49.9	-37.7	2206	2206	-22.6	-17.1	-645.2	-469.4	37.0	-51.5	2.7
12TH	139.00	-50.7	-37.6	2206	2206	-23.0	-17.1	-595.3	-431.7	31.3	-43.7	2.4
13TH	151.50	-50.9	-37.6	2206	2206	-23.1	-17.0	-544.6	-394.0	26.2	-36.6	2.1
14TH	164.00	-50.9	-37.6	2206	2206	-23.1	-17.0	-493.7	-356.4	21.5	-30.1	1.8
15TH	176.50	-50.8	-37.6	2206	2206	-23.0	-17.0	-442.8	-318.9	17.3	-24.2	1.5
16TH	189.00	-50.8	-37.6	2206	2206	-23.0	-17.0	-392.0	-281.3	13.5	-19.0	1.3
17TH	201.50	-50.5	-37.5	2206	2206	-22.9	-17.0	-341.2	-243.7	10.2	-14.4	1.0
18TH	214.00	-50.8	-37.1	2206	2206	-23.0	-16.8	-290.7	-206.2	7.4	-10.5	.8
19TH	226.50	-51.2	-36.7	2206	2206	-23.2	-16.6	-239.9	-169.2	5.1	-7.2	.6
20TH	239.00	-51.5	-36.2	2206	2206	-23.3	-16.4	-188.7	-132.5	3.2	-4.5	.4
21ST	251.50	-51.6	-36.0	2206	2206	-23.3	-16.2	-137.3	-96.6	1.7	-2.5	.3
MECH	267.00	-51.9	-36.0	2206	2206	-23.3	-16.0	-90.9	-50.0	.6	-1.0	.2
ROOF	286.71	-51.9	-36.0	2206	2206	-23.3	-16.0	-90.9	-50.0	.6	-1.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

ARCO OFFICE BUILDING, ANCHORAGE
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-22.5	-36.6	1644	1826	-13.7	-20.1	-1131.5	-674.9	89.7	-179.7	11.3
2ND	14.00	-18.8	-31.1	1467	1630	-12.8	-19.1	-1109.0	-638.3	80.5	-164.0	10.9
3RD	28.00	-16.8	-11.6	558	726	-12.2	-15.9	-1090.3	-607.2	72.7	-150.2	10.5
DUHY	31.25	-27.7	-22.0	1368	1368	-20.3	-16.1	-1083.5	-595.6	69.9	-145.1	10.4
4TH	39.00	-44.1	-35.9	2206	2206	-20.0	-16.3	-1055.7	-573.6	65.4	-136.8	10.1
5TH	51.50	-43.9	-35.4	2206	2206	-19.9	-16.0	-1011.7	-537.8	58.4	-123.9	9.6
6TH	64.00	-44.0	-34.9	2206	2206	-19.9	-15.8	-967.8	-502.4	51.9	-111.5	9.1
7TH	76.50	-46.5	-33.9	2206	2206	-21.1	-15.4	-923.8	-467.5	45.8	-99.7	8.6
8TH	89.00	-48.9	-33.0	2206	2206	-22.2	-15.0	-877.3	-433.6	40.2	-88.4	8.1
9TH	101.50	-50.8	-32.1	2206	2206	-23.0	-14.6	-828.4	-400.6	35.0	-77.8	7.5
10TH	114.00	-52.8	-31.2	2206	2206	-23.9	-14.1	-777.6	-368.8	30.2	-67.3	7.0
11TH	126.50	-54.7	-30.2	2206	2206	-24.8	-13.7	-724.9	-333.3	25.8	-58.3	6.4
12TH	139.00	-55.7	-29.2	2206	2206	-25.3	-13.2	-670.2	-300.7	21.8	-49.6	5.9
13TH	151.50	-56.2	-28.3	2206	2206	-25.5	-12.9	-614.5	-277.7	18.1	-41.6	5.4
14TH	164.00	-56.6	-27.7	2206	2206	-25.6	-12.6	-558.2	-244.9	14.8	-34.2	4.9
15TH	176.50	-56.9	-27.0	2206	2206	-25.8	-12.4	-501.7	-222.1	11.9	-27.6	4.4
16TH	189.00	-57.2	-26.3	2206	2206	-25.9	-12.1	-444.8	-194.1	9.3	-21.7	3.8
17TH	201.50	-57.0	-26.0	2206	2206	-26.0	-11.9	-387.6	-167.4	7.0	-16.5	3.3
18TH	214.00	-57.3	-25.7	2206	2206	-26.0	-11.6	-330.9	-141.1	5.1	-12.0	2.7
19TH	226.50	-57.7	-25.1	2206	2206	-26.2	-11.4	-273.3	-115.5	3.5	-8.2	2.2
20TH	239.00	-58.1	-24.5	2206	2206	-26.3	-11.1	-215.5	-90.0	2.2	-5.3	1.7
21ST	251.50	-74.8	-30.0	3823	3823	-26.5	-10.8	-157.5	-65.5	1.4	-2.9	1.1
MECH	264.00	-71.0	-30.0	3390	3390	-21.0	-8.9	-82.7	-34.3	.4	.0	.1
ROOF	266.71	-11.7	-5.3	706	706	-16.6	-7.5	-11.7	-5.5	.0	.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-25.8	-36.0	1644	1826	-15.7	-19.7	-1205.4	-463.4	53.9	-194.4	15.7
2ND	14.00	-21.2	-28.5	1467	1630	-14.5	-17.5	-1179.6	-427.4	47.6	-177.7	15.3
3RD	26.50	-7.6	-9.6	558	726	-13.7	-13.2	-1158.3	-398.9	42.5	-163.1	14.9
DUMY	31.25	-28.8	-17.5	1368	1368	-21.1	-12.8	-1150.7	-389.4	40.6	-157.6	14.8
4TH	39.00	-45.0	-29.0	2206	2206	-20.4	-13.1	-1121.9	-371.9	37.7	-148.8	14.5
5TH	51.50	-44.6	-28.7	2206	2206	-20.2	-13.0	-1076.9	-342.9	33.2	-135.1	13.9
6TH	64.00	-44.6	-28.3	2206	2206	-20.2	-12.8	-1032.3	-314.2	29.1	-121.9	13.3
7TH	76.50	-47.5	-26.7	2206	2206	-21.5	-12.1	-987.7	-285.9	25.3	-109.3	12.6
8TH	89.00	-50.0	-25.2	2206	2206	-22.7	-11.4	-940.0	-259.3	21.9	-97.2	11.9
9TH	101.50	-52.0	-23.9	2206	2206	-23.6	-10.8	-890.0	-234.0	18.9	-85.8	11.2
10TH	114.00	-53.9	-22.5	2206	2206	-24.4	-10.2	-838.3	-210.0	16.1	-75.0	10.5
11TH	126.50	-55.8	-21.1	2206	2206	-25.3	-9.6	-784.4	-187.7	13.6	-64.8	9.9
12TH	139.00	-56.8	-19.6	2206	2206	-25.7	-8.9	-728.6	-166.6	11.4	-55.4	9.2
13TH	151.50	-57.7	-18.1	2206	2206	-26.2	-8.2	-671.8	-147.0	9.4	-46.6	8.5
14TH	164.00	-58.6	-16.5	2206	2206	-26.6	-7.5	-614.1	-128.9	7.7	-38.6	7.7
15TH	176.50	-59.6	-15.0	2206	2206	-27.0	-6.8	-555.5	-112.4	6.2	-31.3	7.0
16TH	189.00	-60.5	-13.5	2206	2206	-27.4	-6.1	-495.9	-97.4	4.9	-24.7	6.2
17TH	201.50	-61.2	-12.3	2206	2206	-27.7	-5.6	-435.4	-84.0	3.7	-18.9	5.4
18TH	214.00	-62.5	-12.0	2206	2206	-28.3	-5.4	-374.2	-71.7	2.8	-13.8	4.6
19TH	226.50	-63.7	-11.7	2206	2206	-28.9	-5.3	-311.8	-59.7	1.9	-9.5	3.8
20TH	239.00	-65.0	-11.4	2206	2206	-29.5	-5.2	-248.0	-48.0	1.3	-6.1	3.0
21ST	251.50	-65.0	-14.2	2823	2823	-30.1	-5.0	-183.0	-36.5	.7	-3.4	2.3
MECH	267.50	-83.7	-18.3	3390	3390	-34.7	-5.4	-98.0	-22.3	.3	-1.1	1.3
ROOF	286.71	-14.3	-4.1	706	706	-20.3	-5.8	-14.3	-4.1	.0	-0.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

ARCO OFFICE BUILDING, ANCHORAGE
CONFIGURATION A
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
GRND	0.00	-25.0	-30.6	1644	1826	-15.2	-16.8	-1164.3	-242.7	16.4	-190.9	14.8
2ND	14.00	-19.8	-25.3	1467	1630	-13.5	-15.5	-1139.3	-212.1	13.2	-174.8	14.7
3RD	26.50	-16.9	-18.5	558	726	-12.4	-11.8	-1119.5	-186.8	10.7	-160.7	14.5
DUMY	31.25	-25.9	-15.4	1368	1368	-18.3	-11.3	-1112.6	-178.3	9.9	-155.4	14.4
4TH	39.00	-40.3	-24.6	2206	2206	-18.3	-11.2	-1086.7	-162.9	8.5	-146.8	14.2
5TH	51.50	-39.7	-23.6	2206	2206	-18.0	-10.7	-1046.4	-138.2	6.7	-133.5	13.6
6TH	64.00	-39.6	-22.4	2206	2206	-17.9	-10.2	-1006.7	-114.6	5.1	-120.7	13.0
7TH	76.50	-43.2	-19.6	2206	2206	-19.6	-8.9	-967.1	-92.2	3.8	-108.3	12.3
8TH	89.00	-46.5	-17.0	2206	2206	-21.1	-7.7	-923.9	-72.6	2.8	-96.5	11.5
9TH	101.50	-49.2	-14.7	2206	2206	-22.3	-6.6	-877.3	-55.6	1.9	-85.3	10.7
10TH	114.00	-51.8	-12.3	2206	2206	-23.5	-5.6	-828.2	-40.9	1.3	-74.6	10.0
11TH	126.50	-54.4	-10.0	2206	2206	-24.6	-4.5	-776.4	-28.6	.9	-64.6	9.3
12TH	139.00	-55.7	-7.6	2206	2206	-25.2	-3.4	-722.0	-18.6	.6	-55.2	8.5
13TH	151.50	-56.6	-5.5	2206	2206	-25.7	-2.5	-666.4	-11.1	.4	-46.5	7.8
14TH	164.00	-57.5	-3.6	2206	2206	-26.0	-1.6	-609.8	-5.6	.3	-38.6	7.0
15TH	176.50	-58.3	-1.7	2206	2206	-26.4	-.8	-552.3	-2.0	.3	-31.3	6.3
16TH	189.00	-59.1	.1	2206	2206	-26.8	.1	-494.0	-.2	.3	-24.8	5.5
17TH	201.50	-60.0	1.2	2206	2206	-27.2	.6	-434.9	-.4	.3	-19.0	4.7
18TH	214.00	-61.8	1.1	2206	2206	-28.0	.5	-374.8	-1.6	.2	-13.9	3.9
19TH	226.50	-63.5	.9	2206	2206	-28.8	.4	-313.1	-2.7	.2	-9.6	3.2
20TH	239.00	-65.2	.7	2206	2206	-29.6	.3	-249.5	-3.5	.2	-6.1	2.5
21ST	251.50	-86.0	.6	2823	2823	-30.5	.2	-184.3	-4.2	.1	-3.4	1.9
MECH	267.50	-84.0	-3.5	3390	3390	-24.8	-1.0	-98.3	-4.9	.1	-1.1	1.1
ROOF	286.71	-14.2	-1.4	706	706	-20.2	-2.0	-14.2	-1.4	.0	-.0	.2

TABLE 7. ARCO OFFICE BUILDING, ANCHORAGE
 PROJECT 7590 CONFIGURATION A
 SCALE = 250 REF. PRESSURE = 27.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50
 NUMBER OF SIDES = 9 NO. OF FLOORS = 24

SIDE	ANGLE	Z-AXIS
1	0.0	3.350
2	90.0	3.350
3	180.0	2.350
4	270.0	3.350
5	45.0	4.030
6	225.0	4.740
7	315.0	.720
8	135.0	0.000
9	0.0	-3.350

FLOOR #	LABEL	HEIGHT-FT
1	GRND	14.00
2	2ND	12.50
3	3RD	4.75
4	DUMY	7.75
5	4TH	12.50
6	5TH	12.50
7	6TH	12.50
8	7TH	12.50
9	8TH	12.50
10	9TH	12.50
11	10TH	12.50
12	11TH	12.50
13	12TH	12.50
14	13TH	12.50
15	14TH	12.50
16	15TH	12.50
17	16TH	12.50
18	17TH	12.50
19	18TH	12.50
20	19TH	12.50
21	20TH	12.50
22	21ST	16.00
23	MECH	19.21
24	ROOF	4.00

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: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	122	121	623	321	0	205	387	178	159	-1.065	0	303	316	105	058	-779
0	102	168	125	663	326	0	206	306	152	263	-1.246	0	304	298	131	200	-803
0	103	162	120	591	233	0	207	292	138	091	-1.059	0	305	299	099	007	-839
0	104	167	118	581	220	0	208	499	105	215	-1.097	0	306	295	095	002	-898
0	105	157	095	445	160	0	209	524	106	232	-1.114	0	307	278	085	008	-659
0	106	129	113	523	309	0	210	544	133	047	-1.256	0	308	268	096	101	-625
0	107	035	111	512	385	0	211	508	152	125	-1.134	0	309	291	115	056	-756
0	108	208	129	761	212	0	212	379	164	075	-1.154	0	310	296	122	051	-929
0	109	313	140	953	185	0	213	327	113	006	-1.715	0	311	278	081	027	-602
0	110	451	152	954	073	0	214	310	126	019	-1.899	0	312	288	076	007	-646
0	111	485	155	997	034	0	215	535	137	145	-1.192	0	313	283	071	016	-619
0	112	460	154	930	066	0	216	539	134	184	-1.240	0	314	292	078	034	-654
0	113	262	133	697	329	0	217	590	161	076	-1.593	0	315	300	076	078	-613
0	114	070	112	500	479	0	218	527	169	132	-1.156	0	316	283	068	055	-562
0	115	093	129	608	294	0	219	382	163	150	-1.034	0	317	276	062	100	-526
0	116	203	147	817	184	0	220	305	128	105	-1.864	0	318	262	069	051	-603
0	117	342	150	880	046	0	221	321	133	048	-1.072	0	319	295	102	045	-944
0	118	429	151	919	059	0	222	580	180	130	-1.731	0	320	312	114	053	-985
0	119	384	151	881	021	0	223	601	193	116	-2.079	0	321	283	079	097	-867
0	120	177	131	604	230	0	224	618	226	026	-1.597	0	322	301	074	097	-632
0	121	017	113	348	412	0	225	456	219	194	-1.347	0	323	301	080	105	-675
0	122	005	111	478	400	0	226	258	164	191	-1.946	0	324	296	077	106	-733
0	123	091	119	658	267	0	227	203	113	167	-1.714	0	325	297	074	116	-689
0	124	230	122	776	091	0	228	214	097	133	-1.669	0	326	288	067	109	-591
0	125	313	131	782	009	0	229	382	212	069	-2.334	0	327	262	063	052	-503
0	126	289	135	784	060	0	230	585	231	035	-2.021	0	328	267	083	043	-731
0	127	080	132	578	311	0	231	522	252	163	-1.572	0	329	286	093	060	-666
0	128	088	127	371	615	0	232	230	194	399	-1.356	0	330	289	077	101	-721
0	129	110	091	284	431	0	233	077	102	330	-1.579	0	331	298	094	063	-960
0	130	025	087	351	299	0	234	114	076	241	-1.503	0	332	332	090	125	-798
0	131	068	086	449	160	0	235	172	073	241	-1.526	0	333	343	092	132	-788
0	132	153	088	619	125	0	236	317	217	196	-1.797	0	334	332	093	116	-792
0	133	131	097	567	146	0	237	328	211	185	-2.243	0	335	343	097	103	-769
0	134	000	111	442	359	0	238	256	169	227	-1.923	0	336	342	093	084	-788
0	135	142	119	316	577	0	239	063	102	560	-1.545	0	337	272	083	028	-600
0	136	078	214	612	041	0	240	044	061	215	-1.385	0	338	239	089	092	-666
0	137	132	124	655	273	0	241	031	059	219	-1.247	0	339	254	100	102	-873
0	138	036	078	300	273	0	242	057	060	269	-1.290	0	340	342	097	101	-752
0	139	035	080	383	170	0	243	241	231	710	-1.161	0	341	370	104	102	-860
0	140	189	100	655	045	0	244	027	088	330	-1.346	0	342	376	103	101	-825
0	141	286	115	799	008	0	245	002	094	286	-1.473	0	343	377	095	142	-815
0	142	255	105	754	016	0	246	021	085	392	-1.355	0	344	398	105	142	-923
0	143	135	082	477	064	0	247	197	106	088	-1.803	0	345	403	106	144	-913
0	144	100	077	476	155	0	248	090	070	184	-1.424	0	346	348	091	104	-842
0	145	040	096	504	312	0	249	041	055	172	-1.310	0	347	231	076	001	-613
0	146	154	121	711	154	0	250	189	126	197	-1.921	0	348	194	080	183	-630
0	201	531	105	168	265	0	251	057	061	194	-1.398	0	349	208	088	107	-746
0	202	517	105	184	397	0	252	009	053	227	-1.184	0	350	369	104	111	-816
0	203	548	138	094	630	0	301	311	095	042	-1.758	0	351	143	065	088	-399
0	204	498	174	173	572	0	302	325	102	027	-1.780	0	352	152	061	065	-591

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	353	-154	.070	.089	-.566	0	441	-.499	.140	-.147	-1.375	0	613	-.182	.069	.009	-.538
0	354	-.168	.082	.089	-.650	0	442	-.199	.125	-.100	-1.109	0	614	-.182	.075	.031	-.536
0	355	-.347	.105	-.073	-.850	0	443	-.193	.120	-.153	-.984	0	615	-.159	.074	.110	-.510
0	356	-.347	.105	-.065	-.832	0	444	-.282	.144	-.183	-.944	0	616	-.169	.080	.101	-.613
0	357	-.360	.104	-.102	-.858	0	445	-.441	.189	-.296	-1.219	0	617	-.145	.082	.078	-.609
0	358	-.338	.100	-.070	-.782	0	446	-.564	.207	-.195	-1.449	0	618	-.052	.121	.440	-.769
0	359	-.308	.105	.307	-1.043	0	447	-.525	.198	-.089	-1.749	0	619	-.251	.114	.186	-.853
0	360	-.214	.082	.039	-.649	0	448	-.569	.167	-.222	-1.448	0	620	-.324	.095	-.113	-.871
0	361	-.151	.066	.082	-.504	0	449	-.552	.162	-.219	-1.301	0	621	-.170	.078	.047	-.583
0	362	-.168	.070	.037	-.666	0	450	-.485	.169	-.109	-1.340	0	622	-.007	.108	.410	-.798
0	401	-.306	.164	.167	-1.239	0	451	-.161	.106	-.114	-1.388	0	623	-.281	.096	.024	-.752
0	402	-.310	.168	.282	-1.293	0	452	-.174	.105	-.118	-1.091	0	624	-.436	.122	-.109	-1.017
0	403	-.410	.200	.234	-1.604	0	453	-.202	.142	-.150	-1.130	0	625	-.325	.150	.113	-1.165
0	404	-.547	.175	.066	-1.718	0	454	-.215	.126	-.178	-.909	0	626	-.078	.096	.521	-.207
0	405	-.544	.136	-.115	-1.523	0	455	-.514	.173	-.148	-1.256	0	627	-.203	.065	.101	-.465
0	406	-.543	.128	-.133	-1.314	0	456	-.127	.092	-.288	-1.117	0	628	-.283	.116	.083	-.938
0	407	-.530	.106	-.205	-1.107	0	457	-.158	.104	-.355	-.895	0	701	-.560	.112	-.248	-1.234
0	408	-.542	.108	-.203	-1.191	0	458	-.208	.182	-.355	-1.013	0	702	-.546	.107	-.212	-1.476
0	409	-.531	.100	-.229	-1.142	0	459	-.392	.266	-.433	-1.972	0	703	-.275	.179	.251	-1.267
0	410	-.493	.109	-.159	-1.055	0	460	-.456	.265	-.435	-1.939	0	704	-.337	.191	.239	-1.129
0	411	-.324	.165	.190	-1.202	0	461	-.508	.214	-.024	-1.860	0	705	-.611	.123	-.265	-1.206
0	412	-.321	.155	.209	-.915	0	462	-.477	.187	-.062	-1.503	0	706	-.567	.120	-.229	-1.135
0	413	-.408	.173	.229	-1.172	0	463	-.480	.198	-.062	-1.660	0	707	-.063	.087	.223	-.694
0	414	-.536	.178	.110	-1.498	0	501	-.156	.072	-.088	-.542	0	708	-.021	.097	.506	-.668
0	415	-.545	.140	-.048	-1.219	0	502	-.155	.074	-.068	-.564	0	709	-.574	.156	.223	-1.196
0	416	-.546	.115	-.113	-1.096	0	503	-.194	.094	-.167	-.719	0	710	-.107	.055	.167	-.355
0	417	-.528	.096	-.246	-.910	0	504	-.274	.140	-.122	-.912	0	711	-.100	.078	.156	-.602
0	418	-.489	.103	-.189	-1.071	0	505	-.176	.085	-.265	-.667	0	712	-.477	.146	.393	-.994
0	419	-.514	.109	-.205	-.930	0	506	-.155	.088	-.222	-.545	0	713	-.340	.165	.266	-1.069
0	420	-.477	.121	-.148	-1.077	0	507	-.169	.097	-.209	-.845	0	714	-.299	.143	.430	-.930
0	421	-.482	.115	-.165	-1.095	0	508	-.112	.103	-.491	-.827	0	715	-.309	.151	.257	-.957
0	422	-.345	.183	.202	-1.458	0	509	-.132	.077	-.150	-.603	0	716	-.274	.175	.427	-1.051
0	423	-.330	.166	.173	-1.156	0	510	-.130	.068	-.158	-.465	10	101	-.192	.126	.683	-.207
0	424	-.396	.166	.221	-1.039	0	511	-.139	.071	-.313	-.558	10	102	-.225	.128	.619	-.156
0	425	-.502	.178	.075	-1.268	0	512	-.090	.085	-.287	-.557	10	103	-.178	.121	.612	-.239
0	426	-.524	.156	-.022	-1.260	0	513	-.128	.074	-.184	-.488	10	104	-.158	.111	.551	-.253
0	427	-.516	.142	-.045	-1.192	0	514	-.129	.065	-.113	-.422	10	105	-.130	.097	.537	-.170
0	428	-.528	.115	-.217	-1.025	0	515	-.131	.058	-.110	-.400	10	106	-.072	.108	.501	-.310
0	429	-.506	.114	-.192	-.994	0	516	-.155	.076	-.094	-.611	10	107	-.022	.094	.317	-.486
0	430	-.442	.128	-.083	-.973	0	517	-.181	.084	-.059	-.672	10	108	-.310	.139	.759	-.136
0	431	-.485	.125	-.111	-1.197	0	601	-.363	.114	-.062	-1.000	10	109	-.392	.149	.883	-.083
0	432	-.336	.199	.195	-1.448	0	602	-.380	.127	-.036	-.962	10	110	-.499	.157	.989	-.049
0	433	-.313	.178	.231	-1.212	0	603	-.327	.099	-.063	-1.243	10	111	-.470	.151	.941	-.019
0	434	-.374	.168	.176	-1.159	0	604	-.245	.082	-.020	-.682	10	112	-.408	.142	.806	-.038
0	435	-.497	.188	.190	-1.445	0	605	-.175	.066	-.002	-.590	10	113	-.187	.103	.534	-.256
0	436	-.543	.181	.059	-1.575	0	607	-.089	.079	-.216	-.435	10	114	-.013	.085	.327	-.397
0	437	-.525	.158	-.008	-1.476	0	608	-.218	.106	-.105	-1.007	10	115	-.188	.122	.587	-.206
0	438	-.513	.140	-.152	-1.248	0	610	-.378	.130	-.083	-1.125	10	116	-.308	.136	.736	-.118
0	439	-.503	.138	-.136	-1.214	0	611	-.377	.119	-.094	-.888	10	117	-.407	.145	.878	-.009
0	440	-.463	.136	-.141	-1.065	0	612	-.246	.084	-.024	-.753	10	118	-.427	.142	.855	-.049

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	119	.325	.133	.782	-.042	10	223	-.489	.103	-.207	-.938	10	321	-.286	.069	-.031	-.716
10	120	.100	.106	.474	-.266	10	224	-.514	.121	-.192	-1.200	10	322	-.292	.058	-.105	-.515
10	121	-.068	.084	.253	-.434	10	225	-.570	.130	-.191	-1.174	10	323	-.290	.060	-.088	-.555
10	122	.113	.130	.606	-.266	10	226	-.472	.131	-.006	-1.032	10	324	-.280	.061	-.010	-.577
10	123	.194	.146	.671	-.224	10	227	-.372	.134	-.087	-.935	10	325	-.283	.061	0.000	-.669
10	124	.313	.154	.785	-.079	10	228	-.358	.148	-.111	-1.000	10	326	-.250	.054	0.000	-.523
10	125	.328	.138	.851	-.036	10	229	-.597	.144	-.189	-1.558	10	327	-.194	.045	0.003	-.401
10	126	.258	.124	.719	-.130	10	230	-.577	.157	-.195	-1.544	10	328	-.194	.073	0.025	-.699
10	127	.006	.099	.375	-.310	10	231	-.607	.165	-.014	-1.411	10	329	-.202	.077	0.031	-.895
10	128	.142	.091	.256	-.456	10	232	-.478	.188	-.118	-1.108	10	330	-.282	.054	-.113	-.518
10	129	.035	.098	.453	-.397	10	233	-.264	.157	-.205	-.916	10	331	-.281	.087	-.036	-.947
10	130	.045	.100	.478	-.302	10	234	-.188	.103	-.151	-.617	10	332	-.308	.066	-.122	-.638
10	131	.103	.104	.554	-.257	10	235	-.198	.083	-.079	-.604	10	333	-.324	.070	-.111	-.690
10	132	.149	.098	.653	-.085	10	236	-.372	.207	-.115	-1.991	10	334	-.296	.072	-.039	-.721
10	133	.107	.090	.574	-.140	10	237	-.407	.175	-.112	-1.800	10	335	-.294	.072	-.071	-.723
10	134	.070	.085	.409	-.392	10	238	-.461	.183	-.302	-1.181	10	336	-.284	.071	-.053	-.638
10	135	.235	.089	.218	-.646	10	239	-.133	.178	-.469	-.950	10	337	-.203	.053	-.073	-.458
10	136	.257	.214	.871	-.931	10	240	-.102	.080	-.183	-.529	10	338	-.192	.077	-.066	-.699
10	137	.185	.148	.865	-.276	10	241	-.061	.071	-.312	-.424	10	339	-.195	.086	-.099	-.756
10	138	.019	.072	.357	-.187	10	242	-.080	.069	-.312	-.423	10	340	-.299	.064	-.122	-.606
10	139	.078	.083	.491	-.115	10	243	-.449	.183	-.412	-1.188	10	341	-.317	.073	-.087	-.832
10	140	.231	.113	.783	-.064	10	244	-.013	.092	-.286	-.461	10	342	-.341	.070	-.130	-.672
10	141	.321	.121	.781	-.026	10	245	-.050	.092	-.256	-.575	10	343	-.342	.076	-.153	-.683
10	142	.264	.108	.735	-.004	10	246	-.031	.092	-.321	-.503	10	344	-.342	.079	-.078	-.728
10	143	.116	.085	.504	-.095	10	247	-.358	.131	-.018	-1.003	10	345	-.349	.080	-.128	-.751
10	144	.088	.082	.404	-.155	10	248	-.161	.075	-.123	-.487	10	346	-.296	.068	-.108	-.596
10	145	.023	.104	.532	-.454	10	249	-.106	.059	-.127	-.385	10	347	-.194	.045	-.006	-.410
10	146	.204	.137	.886	-.371	10	250	-.356	.163	-.086	-1.439	10	348	-.169	.062	-.059	-.601
10	201	.422	.075	-.189	-.798	10	251	-.087	.063	-.218	-.359	10	349	-.177	.065	-.066	-.567
10	202	.414	.073	-.131	-.710	10	252	-.032	.054	-.180	-.231	10	350	-.327	.071	-.093	-.699
10	203	.456	.108	-.135	-.234	10	301	-.256	.082	-.029	-.648	10	351	-.124	.047	-.064	-.298
10	204	.490	.164	-.002	-.605	10	302	-.307	.104	-.113	-.707	10	352	-.150	.061	-.051	-.475
10	205	.484	.185	.178	-.546	10	303	-.291	.091	-.062	-.674	10	353	-.138	.049	-.026	-.416
10	206	.414	.185	.139	-.481	10	304	-.303	.108	-.195	-.811	10	354	-.143	.052	-.071	-.430
10	207	.417	.186	.102	-.494	10	305	-.266	.085	-.026	-.676	10	355	-.321	.083	-.090	-.856
10	208	.389	.070	-.171	-.684	10	306	-.249	.076	-.005	-.591	10	356	-.314	.079	-.087	-.684
10	209	.426	.070	-.206	-.732	10	307	-.209	.066	-.080	-.567	10	357	-.333	.080	-.109	-.714
10	210	.431	.081	-.121	-.887	10	308	-.167	.057	-.044	-.494	10	358	-.293	.091	-.137	-.658
10	211	.450	.105	-.160	-.032	10	309	-.169	.060	-.073	-.449	10	359	-.260	.083	-.056	-.604
10	212	.410	.122	.120	-.191	10	310	-.162	.061	-.083	-.432	10	360	-.174	.066	-.058	-.440
10	213	.429	.118	.016	-.000	10	311	-.235	.062	-.004	-.489	10	361	-.118	.048	-.089	-.284
10	214	.416	.148	.006	-.141	10	312	-.282	.066	-.049	-.511	10	362	-.133	.044	-.028	-.366
10	215	.429	.082	-.179	-.946	10	313	-.271	.057	-.069	-.480	10	401	-.151	.062	-.058	-.607
10	216	.414	.075	-.189	-.841	10	314	-.295	.070	-.049	-.582	10	402	-.137	.071	-.150	-.654
10	217	.471	.086	-.224	-.015	10	315	-.259	.057	-.058	-.474	10	403	-.175	.110	-.175	-1.034
10	218	.431	.097	-.170	-.998	10	316	-.240	.056	-.146	-.506	10	404	-.427	.173	-.062	-1.252
10	219	.436	.105	.031	-.928	10	317	-.214	.047	-.035	-.444	10	405	-.610	.150	-.088	-1.217
10	220	.432	.122	.057	-.897	10	318	-.182	.041	-.049	-.363	10	406	-.602	.134	-.034	-1.129
10	221	.489	.155	.021	-.280	10	319	-.180	.053	-.020	-.450	10	407	-.579	.100	-.287	-.987
10	222	.486	.101	-.209	-.933	10	320	-.176	.056	-.002	-.487	10	408	-.624	.103	-.292	-1.066

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	409	.590	.097	.292	-1.101	10	459	.105	.245	.443	-1.295	10	703	.458	.221	.263	-1.450
10	410	.591	.101	.284	-1.942	10	460	.199	.304	.462	-1.413	10	704	.534	.176	.070	-1.197
10	411	.156	.060	.111	-1.563	10	461	.524	.235	.036	-1.974	10	705	.601	.115	.220	-1.167
10	412	.172	.073	.169	-1.664	10	462	.431	.219	.433	-1.723	10	706	.630	.115	.282	-1.138
10	413	.187	.128	.227	-1.860	10	463	.522	.247	.006	-1.976	10	707	.252	.153	.119	-1.895
10	414	.397	.195	.122	-1.037	10	501	.111	.047	.115	-1.393	10	708	.193	.175	.282	-1.973
10	415	.595	.165	.162	-1.246	10	502	.120	.049	.085	-1.347	10	709	.537	.150	.072	-1.295
10	416	.639	.134	.103	-1.112	10	503	.149	.038	.051	-1.577	10	710	.215	.093	.091	-1.731
10	417	.598	.102	.287	-1.967	10	504	.167	.084	.317	-1.627	10	711	.174	.091	.080	-1.665
10	418	.598	.098	.268	-1.077	10	505	.124	.054	.145	-1.381	10	712	.413	.140	.113	-1.906
10	419	.599	.101	.306	-1.358	10	506	.085	.064	.244	-1.290	10	713	.353	.156	.204	-1.966
10	420	.619	.106	.259	-1.001	10	507	.110	.057	.167	-1.350	10	714	.240	.127	.319	-1.857
10	421	.586	.107	.237	-1.039	10	508	.062	.071	.291	-1.444	10	715	.167	.131	.324	-1.809
10	422	.182	.105	.155	-1.949	10	509	.065	.048	.243	-1.287	10	716	.071	.140	.437	-1.573
10	423	.164	.106	.189	-1.865	10	510	.072	.045	.187	-1.250	20	101	.281	.135	.742	-1.240
10	424	.253	.173	.392	-1.950	10	511	.100	.055	.150	-1.318	20	102	.281	.132	.703	-1.210
10	425	.437	.219	.190	-1.188	10	512	.038	.071	.343	-1.317	20	103	.170	.118	.562	-1.181
10	426	.562	.172	.162	-1.461	10	513	.053	.057	.297	-1.270	20	104	.106	.102	.482	-1.258
10	427	.559	.153	.348	-1.393	10	514	.060	.053	.227	-1.245	20	105	.075	.082	.351	-1.158
10	428	.603	.117	.193	-1.300	10	515	.077	.042	.115	-1.216	20	106	.002	.086	.374	-1.303
10	429	.571	.113	.237	-1.250	10	516	.112	.048	.080	-1.348	20	107	.085	.080	.235	-1.432
10	430	.549	.109	.201	-1.053	10	517	.132	.044	.034	-1.376	20	108	.412	.149	.934	-1.022
10	431	.556	.119	.189	-1.141	10	601	.323	.082	.105	-1.769	20	109	.482	.153	.965	-1.007
10	432	.195	.098	.089	-1.736	10	602	.323	.092	.053	-1.897	20	110	.525	.154	.940	-1.088
10	433	.164	.100	.172	-1.619	10	603	.292	.086	.033	-1.785	20	111	.421	.144	.844	-1.011
10	434	.192	.149	.256	-1.994	10	604	.201	.068	.019	-1.820	20	112	.335	.128	.769	-1.049
10	435	.354	.210	.194	-1.156	10	605	.144	.048	.004	-1.416	20	113	.103	.088	.411	-1.163
10	436	.568	.212	.043	-1.517	10	607	.127	.080	.188	-1.475	20	114	.043	.069	.230	-1.257
10	437	.557	.183	.133	-1.303	10	608	.213	.089	.081	-1.634	20	115	.288	.142	.716	-1.084
10	438	.588	.141	.176	-1.513	10	610	.325	.090	.105	-1.857	20	116	.386	.148	.892	-1.014
10	439	.574	.137	.162	-1.505	10	611	.318	.082	.080	-1.663	20	117	.472	.145	.856	-1.041
10	440	.567	.131	.157	-1.269	10	612	.188	.058	.064	-1.440	20	118	.434	.129	.824	-1.070
10	441	.559	.144	.026	-1.272	10	613	.140	.046	.014	-1.380	20	119	.291	.113	.698	-1.001
10	442	.125	.057	.176	-1.419	10	614	.135	.045	.029	-1.404	20	120	.049	.079	.372	-1.208
10	443	.108	.063	.165	-1.416	10	615	.116	.046	.040	-1.336	20	121	.116	.060	.123	-1.419
10	444	.152	.103	.204	-1.854	10	616	.124	.050	.152	-1.499	20	122	.191	.119	.662	-1.303
10	445	.231	.180	.249	-1.994	10	617	.086	.044	.078	-1.283	20	123	.247	.129	.749	-1.255
10	446	.482	.244	.214	-1.414	10	618	.166	.162	.343	-1.080	20	124	.348	.133	.837	-1.046
10	447	.493	.228	.115	-1.366	10	619	.289	.114	.035	-1.921	20	125	.367	.126	.839	-1.063
10	448	.618	.179	.102	-1.531	10	620	.268	.068	.044	-1.695	20	126	.267	.108	.708	-1.020
10	449	.580	.173	.118	-1.438	10	621	.120	.056	.092	-1.593	20	127	.023	.079	.273	-1.268
10	450	.496	.164	.095	-1.577	10	622	.074	.181	.538	-1.048	20	128	.158	.065	.077	-1.393
10	451	.110	.051	.101	-1.524	10	623	.295	.098	.042	-1.902	20	129	.027	.085	.376	-1.287
10	452	.132	.060	.118	-1.574	10	624	.375	.117	.086	-1.911	20	130	.098	.090	.456	-1.156
10	453	.108	.073	.143	-1.590	10	625	.233	.108	.101	-1.907	20	131	.147	.101	.552	-1.145
10	454	.116	.070	.204	-1.496	10	626	.090	.118	.746	-1.239	20	132	.197	.098	.646	-1.054
10	455	.497	.169	.043	-1.251	10	627	.184	.055	.056	-1.425	20	133	.140	.091	.493	-1.128
10	456	.090	.051	.190	-1.353	10	628	.193	.085	.184	-1.557	20	134	.050	.076	.369	-1.377
10	457	.098	.047	.125	-1.451	10	701	.528	.118	.201	-1.423	20	135	.213	.071	.103	-1.527
10	458	.043	.092	.315	-1.893	10	702	.591	.097	.237	-1.974	20	136	.334	.095	.288	-1.720

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	137	.189	.151	.846	-.325	200	241	-.206	.104	.249	-.718	200	339	-.218	.041	-.053	-.637
200	138	.113	.082	.662	-.128	200	242	-.186	.108	.256	-.611	200	340	-.331	.046	-.161	-.521
200	139	.147	.095	.757	-.063	200	243	-.391	.102	.192	-.929	200	341	-.358	.061	-.152	-.642
200	140	.276	.120	.936	.035	200	244	-.084	.089	.251	-.457	200	342	-.348	.050	-.182	-.540
200	141	.338	.114	.752	.036	200	245	-.120	.085	.188	-.470	200	343	-.350	.052	-.200	-.644
200	142	.263	.100	.680	.016	200	246	-.138	.101	.197	-.481	200	344	-.354	.056	-.197	-.640
200	143	.082	.079	.457	-.135	200	247	-.506	.140	-.132	-1.033	200	345	-.362	.056	-.213	-.633
200	144	.040	.074	.354	-.184	200	248	-.251	.069	.002	-.577	200	346	-.303	.049	-.128	-.545
200	145	.115	.098	.304	-.447	200	249	-.223	.065	-.002	-.470	200	347	-.240	.040	-.078	-.429
200	146	.246	.148	.996	-.241	200	250	-.503	.169	.103	-1.486	200	348	-.213	.047	-.058	-.611
200	201	.326	.064	.155	-.669	200	251	-.105	.063	.130	-.413	200	349	-.222	.049	-.038	-.730
200	202	.366	.064	.158	-.691	200	252	-.061	.053	.160	-.214	200	350	-.333	.059	-.135	-.680
200	203	.407	.087	.071	-1.078	200	301	-.247	.078	.029	-.635	200	351	-.178	.046	-.008	-.403
200	204	.426	.118	.024	-1.296	200	302	-.282	.086	.039	-.614	200	352	-.261	.082	-.005	-.699
200	205	.476	.140	.024	-1.181	200	303	-.264	.071	.029	-.595	200	353	-.218	.063	-.035	-.664
200	206	.460	.162	.137	-2.660	200	304	-.272	.079	.137	-.787	200	354	-.220	.064	-.037	-.657
200	207	.442	.163	.090	-1.394	200	305	-.242	.070	.007	-.661	200	355	-.374	.107	-.090	-.971
200	208	.325	.056	.112	-.545	200	306	-.222	.063	-.005	-.545	200	356	-.333	.071	-.031	-.623
200	209	.377	.057	.186	-.601	200	307	-.202	.049	.013	-.401	200	357	-.364	.081	-.104	-.749
200	210	.368	.057	.195	-.670	200	308	-.202	.043	-.041	-.351	200	358	-.246	.099	-.155	-.644
200	211	.399	.070	.188	-.690	200	309	-.207	.040	.066	-.353	200	359	-.227	.086	-.342	-.607
200	212	.401	.077	.096	-.832	200	310	-.197	.040	.061	-.364	200	360	-.193	.050	-.022	-.396
200	213	.485	.100	.117	-1.009	200	311	-.250	.050	.051	-.577	200	361	-.166	.048	-.016	-.379
200	214	.477	.129	.022	-1.093	200	312	-.265	.050	.107	-.458	200	362	-.183	.059	-.004	-.539
200	215	.374	.051	.209	-.666	200	313	-.254	.045	.076	-.408	200	401	-.161	.035	-.024	-.327
200	216	.375	.051	.169	-.663	200	314	-.285	.055	.093	-.513	200	402	-.127	.035	-.025	-.327
200	217	.437	.055	.253	-.671	200	315	-.245	.049	.068	-.472	200	403	-.109	.046	-.079	-.481
200	218	.416	.058	.242	-.702	200	316	-.225	.047	.017	-.399	200	404	-.208	.076	-.104	-.633
200	219	.430	.064	.196	-.668	200	317	-.224	.037	.092	-.384	200	405	-.331	.164	-.014	-1.074
200	220	.447	.079	.184	-.825	200	318	-.211	.032	.091	-.334	200	406	-.360	.224	-.098	-1.068
200	221	.502	.091	.230	-1.155	200	319	-.205	.035	-.069	-.331	200	407	-.566	.121	-.101	-1.054
200	222	.446	.069	.182	-.832	200	320	-.201	.035	.061	-.331	200	408	-.638	.133	-.024	-1.101
200	223	.440	.065	.245	-.653	200	321	-.298	.066	.066	-.616	200	409	-.587	.118	-.178	-1.012
200	224	.444	.069	.241	-.707	200	322	-.318	.046	.167	-.504	200	410	-.563	.109	-.112	-1.073
200	225	.510	.082	.302	-.973	200	323	-.329	.048	.139	-.518	200	411	-.167	.029	-.033	-.262
200	226	.466	.083	.263	-.931	200	324	-.292	.054	.054	-.597	200	412	-.172	.030	-.042	-.306
200	227	.477	.092	.225	-.899	200	325	-.290	.055	.014	-.583	200	413	-.072	.043	-.173	-.360
200	228	.501	.116	.205	-1.036	200	326	-.241	.047	.015	-.405	200	414	-.058	.100	-.205	-.682
200	229	.505	.080	.268	-1.063	200	327	-.222	.032	.074	-.359	200	415	-.278	.294	-.364	-1.112
200	230	.457	.081	.258	-.794	200	328	-.210	.032	.119	-.346	200	416	-.413	.303	-.353	-1.132
200	231	.486	.085	.250	-1.208	200	329	-.221	.032	.118	-.377	200	417	-.579	.121	-.021	-1.034
200	232	.503	.100	.265	-1.126	200	330	-.304	.041	.172	-.450	200	418	-.544	.132	-.178	-.963
200	233	.466	.105	.105	-.601	200	331	-.311	.058	.125	-.618	200	419	-.536	.132	-.138	-1.000
200	234	.462	.093	.059	-.836	200	332	-.329	.048	.146	-.504	200	420	-.573	.121	-.093	-1.013
200	235	.371	.087	.010	-.796	200	333	-.344	.049	.161	-.547	200	421	-.512	.150	-.143	-1.106
200	236	.297	.097	.036	-1.098	200	334	-.320	.051	.145	-.523	200	422	-.181	.036	-.001	-.640
200	237	.348	.090	.056	-.889	200	335	-.306	.047	.118	-.516	200	423	-.142	.039	-.069	-.459
200	238	.456	.114	.159	-1.656	200	336	-.269	.042	.114	-.502	200	424	-.110	.074	-.190	-.881
200	239	.394	.108	.118	-.865	200	337	-.243	.035	.123	-.427	200	425	-.120	.180	-.223	-.994
200	240	.297	.094	.001	-.628	200	338	-.220	.035	.106	-.386	200	426	-.363	.281	-.285	-1.335

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	427	-.402	.275	.457	-1.220	20	514	-.042	.068	.371	-.251	30	105	-.046	.071	.301	-.217
20	428	-.574	.149	.090	-1.362	20	515	-.058	.056	.242	-.229	30	106	-.030	.074	.249	-.304
20	429	-.529	.143	.103	-1.176	20	516	-.107	.063	.265	-.352	30	107	-.109	.066	.179	-.344
20	430	-.505	.137	.129	-1.094	20	517	-.154	.050	.056	-.486	30	108	-.509	.161	1.002	-.062
20	431	-.471	.152	.311	-1.056	20	601	-.347	.086	-.065	-.951	30	109	-.534	.160	.993	-.029
20	432	-.221	.044	-.003	-.474	20	602	-.340	.084	-.115	-.899	30	110	-.502	.149	.933	-.004
20	433	-.163	.046	.046	-.482	20	603	-.246	.089	.134	-.765	30	111	-.348	.129	.698	-.080
20	434	-.093	.085	.162	-.805	20	604	-.216	.052	-.030	-.434	30	112	-.257	.110	.607	-.149
20	435	-.147	.182	.296	-.937	20	605	-.191	.043	-.048	-.389	30	113	-.033	.075	.326	-.227
20	436	-.416	.256	.319	-1.564	20	607	-.274	.095	-.042	-.693	30	114	-.089	.058	.145	-.314
20	437	-.424	.237	.384	-1.296	20	608	-.330	.091	-.015	-.743	30	115	-.424	.150	.937	-.069
20	438	-.468	.169	.186	-1.196	20	610	-.351	.082	-.108	-.859	30	116	-.458	.149	.933	-.001
20	439	-.443	.163	.169	-1.166	20	611	-.295	.066	-.094	-.625	30	117	-.398	.140	.905	-.027
20	440	-.469	.140	.070	-1.089	20	612	-.212	.050	-.025	-.449	30	118	-.308	.117	.739	-.001
20	441	-.405	.158	.228	-1.201	20	613	-.188	.047	-.007	-.430	30	119	-.161	.105	.594	-.116
20	442	-.168	.051	.120	-.417	20	614	-.187	.055	-.021	-.599	30	120	-.036	.073	.280	-.246
20	443	-.132	.050	.260	-.420	20	615	-.168	.048	-.040	-.373	30	121	-.169	.057	.053	-.360
20	444	-.126	.074	.155	-.559	20	616	-.182	.064	-.044	-.574	30	122	-.237	.149	.891	-.250
20	445	-.143	.141	.200	-.800	20	617	-.064	.059	.264	-.268	30	123	-.210	.150	.870	-.280
20	446	-.301	.210	.259	-1.252	20	618	-.402	.225	.433	1.489	30	124	-.224	.133	.736	-.199
20	447	-.319	.202	.350	-1.226	20	619	-.383	.098	-.028	-.798	30	125	-.188	.119	.657	-.119
20	448	-.487	.177	.068	-1.167	20	620	-.288	.061	-.084	-.537	30	126	-.119	.111	.566	-.188
20	449	-.437	.165	.051	-1.151	20	621	-.216	.113	-.059	-.123	30	127	-.128	.090	.245	-.397
20	450	-.356	.152	.077	-1.307	20	622	-.331	.303	.703	1.662	30	128	-.222	.074	.085	-.536
20	451	-.161	.050	.026	-.474	20	623	-.373	.120	-.054	-.953	30	129	-.040	.090	.487	-.370
20	452	-.170	.056	.080	-.510	20	624	-.410	.121	-.105	-.963	30	130	-.057	.081	.414	-.242
20	453	-.111	.058	.135	-.579	20	625	-.241	.114	-.216	-.832	30	131	-.024	.076	.362	-.220
20	454	-.092	.059	.134	-.462	20	626	-.088	.141	-.716	-.433	30	132	-.051	.072	.454	-.204
20	455	-.346	.161	.145	-1.061	20	627	-.212	.055	-.019	-.432	30	133	-.010	.071	.314	-.237
20	456	-.073	.063	.246	-.318	20	628	-.207	.120	-.196	-.965	30	134	-.148	.075	.236	-.415
20	457	-.083	.046	.106	-.265	20	701	-.538	.126	-.227	1.986	30	135	-.288	.072	.045	-.673
20	458	-.002	.080	.366	-.659	20	702	-.637	.105	-.313	1.024	30	136	-.324	.108	.333	-.889
20	459	-.018	.192	.540	-1.217	20	703	-.541	.219	-.205	1.342	30	137	-.056	.174	.667	-.600
20	460	-.103	.254	.516	-1.196	20	704	-.498	.116	-.118	1.069	30	138	-.150	.087	.584	-.108
20	461	-.381	.232	.165	-1.533	20	705	-.615	.111	-.145	1.137	30	139	-.133	.098	.602	-.111
20	462	-.315	.184	.264	-1.075	20	706	-.671	.126	-.308	1.268	30	140	-.207	.110	.646	-.059
20	463	-.372	.221	.189	-2.031	20	707	-.414	.101	-.079	-.983	30	141	-.237	.114	.662	-.059
20	501	-.127	.049	.061	-.388	20	708	-.390	.103	-.089	1.022	30	142	-.179	.100	.584	-.084
20	502	-.122	.049	.083	-.318	20	709	-.487	.119	-.129	1.186	30	143	-.011	.087	.414	-.254
20	503	-.180	.068	.009	-.626	20	710	-.412	.109	-.091	-.905	30	144	-.017	.087	.330	-.317
20	504	-.137	.132	.545	-.803	20	711	-.327	.090	-.060	-.694	30	145	-.143	.121	.316	-.583
20	505	-.178	.093	.193	-.694	20	712	-.225	.095	-.066	-.700	30	146	-.164	.179	.894	-.459
20	506	-.124	.078	.331	-.533	20	713	-.271	.147	-.305	-.777	30	201	-.310	.057	-.131	-.583
20	507	-.087	.071	.289	-.405	20	714	-.090	.093	-.269	-.363	30	202	-.321	.057	-.154	-.686
20	508	-.012	.107	.573	-.383	20	715	-.057	.106	-.385	-.380	30	203	-.354	.072	-.112	-.768
20	509	-.031	.067	.318	-.302	20	716	-.110	.119	-.398	-.614	30	204	-.363	.082	-.004	-.918
20	510	-.049	.062	.235	-.239	30	101	-.351	.144	-.785	1.194	30	205	-.439	.104	-.009	-1.333
20	511	-.073	.071	.326	-.383	30	102	-.306	.137	-.729	1.190	30	206	-.473	.143	-.020	-1.481
20	512	-.013	.097	.564	-.258	30	103	-.128	.126	-.534	1.342	30	207	-.477	.142	-.064	-1.602
20	513	-.019	.071	.335	-.243	30	104	-.073	.094	-.404	1.196	30	208	-.296	.048	-.154	-.469

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	209	357	048	218	527	300	307	244	042	080	446	300	357	368	075	130	792
300	210	338	045	209	539	300	308	254	039	102	387	300	358	278	084	020	670
300	211	369	052	192	660	300	309	255	034	125	371	300	359	256	085	044	599
300	212	386	060	132	771	300	310	241	034	117	357	300	360	229	062	049	528
300	213	501	095	223	868	300	311	264	047	060	516	300	361	224	069	028	528
300	214	502	125	149	310	300	312	254	039	114	424	300	362	195	088	119	759
300	215	361	046	204	581	300	313	256	038	135	421	300	401	174	033	041	310
300	216	366	047	183	565	300	314	259	041	132	425	300	402	122	038	035	308
300	217	440	050	290	628	300	315	250	040	093	371	300	403	076	050	103	372
300	218	410	051	260	604	300	316	241	038	056	387	300	404	199	062	029	410
300	219	418	055	252	643	300	317	262	033	142	412	300	405	166	071	078	559
300	220	427	069	232	794	300	318	254	031	161	367	300	406	042	080	299	519
300	221	494	080	262	881	300	319	246	034	132	374	300	407	417	165	169	952
300	222	430	061	260	881	300	320	241	034	121	368	300	408	314	194	404	982
300	223	437	061	265	670	300	321	321	059	050	646	300	409	490	165	145	1079
300	224	437	064	247	704	300	322	323	043	183	489	300	410	324	123	030	902
300	225	517	078	309	175	300	323	342	049	153	523	300	411	175	029	062	275
300	226	464	075	273	915	300	324	308	059	041	583	300	412	162	035	020	280
300	227	467	082	179	893	300	325	313	059	038	572	300	413	006	055	218	218
300	228	492	106	177	019	300	326	274	043	078	442	300	414	069	064	285	150
300	229	483	075	272	844	300	327	266	032	118	376	300	415	179	094	462	579
300	230	426	070	209	763	300	328	256	032	143	363	300	416	215	137	529	599
300	231	451	077	231	876	300	329	270	032	156	378	300	417	253	201	397	870
300	232	476	097	250	225	300	330	316	037	200	438	300	418	060	237	693	740
300	233	455	093	133	920	300	331	322	048	148	516	300	419	228	182	300	778
300	234	412	078	111	757	300	332	337	043	211	487	300	420	264	182	311	835
300	235	380	072	132	741	300	333	355	044	220	509	300	421	050	239	758	788
300	236	308	128	066	328	300	334	331	042	196	482	300	422	198	031	086	311
300	237	341	108	085	133	300	335	322	038	199	499	300	423	132	032	035	256
300	238	422	115	078	970	300	336	291	036	169	421	300	424	039	049	223	212
300	239	351	097	105	846	300	337	287	034	166	442	300	425	077	064	372	238
300	240	315	077	013	706	300	338	265	035	130	389	300	426	154	105	422	552
300	241	247	088	095	719	300	339	267	036	141	420	300	427	197	151	550	610
300	242	246	096	147	667	300	340	349	042	215	516	300	428	154	210	502	984
300	243	346	096	308	856	300	341	380	056	206	814	300	429	104	186	491	731
300	244	124	111	303	627	300	342	364	048	203	543	300	430	113	192	453	748
300	245	152	109	279	685	300	343	359	050	206	539	300	431	024	211	639	821
300	246	160	120	213	608	300	344	345	056	133	676	300	432	244	036	118	396
300	247	455	136	075	963	300	345	378	055	168	615	300	433	157	036	023	325
300	248	261	073	005	669	300	346	320	050	159	518	300	434	018	051	191	221
300	249	244	059	064	485	300	347	296	045	120	490	300	435	058	067	285	314
300	250	443	206	253	582	300	348	254	042	089	477	300	436	025	139	348	930
300	251	118	064	140	375	300	349	265	044	078	461	300	437	057	169	456	800
300	252	097	056	145	269	300	350	353	054	183	692	300	438	054	201	673	831
300	253	242	058	003	519	300	351	320	064	120	523	300	439	029	185	688	763
300	254	262	060	046	645	300	352	329	096	058	669	300	440	112	188	571	817
300	255	255	052	027	585	300	353	253	082	002	1080	300	441	007	168	603	723
300	256	258	055	007	545	300	354	250	081	010	947	300	442	173	048	011	332
300	257	255	049	059	435	300	355	342	089	125	872	300	443	115	044	072	336
300	258	239	047	039	418	300	356	334	069	094	707	300	444	065	031	142	263

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	445	.012	.062	.267	-.405	30	617	-.036	.084	.441	-.454	40	123	.259	.154	.743	-.579
30	446	.008	.103	.467	-.538	30	618	-.470	.232	.349	-1.487	40	124	.242	.116	.616	-.181
30	447	.020	.112	.362	-.588	30	619	-.381	.086	-.104	-.857	40	125	.140	.084	.457	-.080
30	448	-.048	.148	.497	-.786	30	620	-.312	.083	.081	-.782	40	126	.036	.069	.522	-.140
30	449	-.008	.136	.471	-.711	30	621	-.371	.173	.104	-1.587	40	127	-.208	.052	.245	-.355
30	450	-.036	.136	.356	-.873	30	622	-.335	.266	.562	-1.477	40	128	-.263	.045	.045	-.411
30	451	-.143	.048	.067	-.341	30	623	-.420	.131	-.059	-.998	40	129	.084	.153	.562	-.629
30	452	-.148	.048	.083	-.327	30	624	-.279	.177	.310	-.846	40	130	.111	.126	.505	-.574
30	453	-.111	.042	.068	-.330	30	625	-.294	.123	.164	-1.139	40	131	.080	.088	.425	-.390
30	454	-.048	.044	.160	-.211	30	626	-.062	.135	.671	-.519	40	132	.068	.067	.385	-.130
30	455	.068	.110	.465	-.554	30	627	-.231	.070	.082	-.485	40	133	-.020	.054	.282	-.190
30	456	.008	.078	.367	-.231	30	628	-.247	.170	.246	-1.149	40	134	-.168	.045	.107	-.390
30	457	.013	.055	.235	-.158	30	701	-.484	.118	-.153	-1.136	40	135	-.300	.046	.080	-.487
30	458	.081	.080	.474	-.131	30	702	-.585	.188	.190	-1.288	40	136	-.357	.063	.132	-.655
30	459	.099	.083	.411	-.244	30	703	-.495	.224	.167	-1.632	40	137	-.210	.151	.401	-.619
30	460	.043	.095	.416	-.381	30	704	-.455	.127	.154	-1.316	40	138	.153	.098	.502	-.241
30	461	.064	.134	.588	-.601	30	705	-.342	.107	-.175	-1.028	40	139	.123	.105	.484	-.329
30	462	.069	.123	.694	-.573	30	706	-.689	.142	-.116	-1.564	40	140	.190	.107	.616	-.171
30	463	.044	.141	.533	-.795	30	707	-.384	.095	.077	-1.066	40	141	.198	.109	.631	-.053
30	501	.103	.063	.150	-.352	30	708	-.352	.092	.059	-.969	40	142	.115	.090	.492	-.103
30	502	.118	.052	.071	-.361	30	709	-.381	.107	.080	-.744	40	143	-.098	.069	.179	-.294
30	503	.200	.056	.043	-.477	30	710	-.422	.094	.096	-1.109	40	144	.150	.064	.093	-.355
30	504	.027	.236	.993	-.800	30	711	-.371	.085	.087	-.926	40	145	.313	.077	.035	-.636
30	505	.322	.151	.194	-.987	30	712	-.152	.063	.054	-.480	40	146	.097	.214	.797	-.647
30	506	.195	.087	.112	-.647	30	713	-.144	.105	.257	-.515	40	201	.306	.045	.168	-.500
30	507	.039	.111	.403	-.475	30	714	-.034	.074	.287	-.283	40	202	.304	.042	.160	-.452
30	508	.055	.155	.723	-.341	30	715	-.090	.118	.465	-.397	40	203	.317	.045	.102	-.544
30	509	.089	.098	.592	-.163	30	716	-.163	.093	.242	-.519	40	204	.334	.055	.103	-.594
30	510	.097	.096	.541	-.122	40	101	.314	.128	.662	-.136	40	205	.405	.065	.192	-.726
30	511	.064	.086	.426	-.381	40	102	.216	.117	.568	-.213	40	206	.395	.089	.119	-.970
30	512	.096	.119	.638	-.172	40	103	.043	.099	.313	-.411	40	207	.427	.109	.155	-.418
30	513	.114	.102	.629	-.123	40	104	.008	.074	.262	-.283	40	208	.301	.040	.181	-.440
30	514	.102	.102	.665	-.187	40	105	.038	.056	.152	-.219	40	209	.363	.040	.241	-.502
30	515	.075	.088	.599	-.130	40	106	.085	.059	.159	-.304	40	210	.328	.037	.222	-.470
30	516	.021	.073	.339	-.219	40	107	-.154	.052	.070	-.342	40	211	.336	.037	.202	-.470
30	517	.165	.076	.135	-.507	40	108	.483	.146	.887	.045	40	212	.371	.047	.228	-.574
30	601	.358	.083	-.082	-.855	40	109	.474	.149	.880	.050	40	213	.431	.065	.251	-.736
30	602	.352	.083	.110	-.924	40	110	.397	.128	.754	.003	40	214	.413	.090	.196	-.819
30	603	.283	.083	.052	-.645	40	111	.222	.105	.573	-.108	40	215	.346	.039	.217	-.480
30	604	.246	.057	.064	-.480	40	112	.142	.087	.442	-.117	40	216	.342	.038	.226	-.513
30	605	.251	.060	.087	-.490	40	113	.052	.058	.208	-.253	40	217	.416	.041	.274	-.579
30	607	.301	.090	.009	-.685	40	114	.148	.045	.056	-.329	40	218	.383	.040	.258	-.532
30	608	.335	.080	.096	-.682	40	115	.400	.158	.852	-.342	40	219	.405	.045	.277	-.595
30	610	.352	.076	.115	-.715	40	116	.406	.142	.844	-.224	40	220	.420	.056	.287	-.639
30	611	.313	.066	-.129	-.562	40	117	.336	.130	.714	-.048	40	221	.496	.072	.304	-.858
30	612	.257	.058	-.081	-.497	40	118	.215	.100	.530	-.032	40	222	.391	.042	.258	-.539
30	613	.260	.066	-.079	-.580	40	119	.053	.084	.382	-.164	40	223	.393	.041	.243	-.546
30	614	.302	.118	-.083	-.996	40	120	.111	.056	.132	-.288	40	224	.390	.043	.251	-.533
30	615	.226	.069	-.016	-.647	40	121	.215	.043	-.043	-.353	40	225	.465	.044	.312	-.617
30	616	.295	.109	-.013	-.807	40	122	.303	.175	.825	-.549	40	226	.416	.044	.278	-.593

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	227	.428	.053	.277	.651	40	325	.343	.061	.101	.558	40	413	.089	.075	.344	.131
40	228	.418	.054	.269	.622	40	326	.313	.043	.156	.467	40	414	.182	.091	.550	.122
40	229	.442	.052	.294	.634	40	327	.299	.034	.171	.408	40	415	.310	.106	.674	.062
40	230	.375	.048	.231	.550	40	328	.284	.033	.188	.398	40	416	.328	.112	.697	.062
40	231	.401	.050	.265	.611	40	329	.304	.034	.194	.422	40	417	.253	.210	.803	.615
40	232	.409	.056	.251	.718	40	330	.340	.039	.188	.487	40	418	.368	.169	.846	.237
40	233	.415	.061	.241	.756	40	331	.364	.044	.157	.505	40	419	.243	.205	.931	.466
40	234	.428	.059	.278	.834	40	332	.376	.038	.263	.503	40	420	.158	.183	.682	.516
40	235	.408	.061	.220	.914	40	333	.401	.039	.292	.539	40	421	.378	.174	.910	.260
40	236	.327	.058	.128	.573	40	334	.375	.039	.254	.521	40	422	.196	.033	.051	.318
40	237	.346	.059	.119	.647	40	335	.375	.041	.220	.568	40	423	.100	.039	.081	.236
40	238	.339	.067	.175	.707	40	336	.338	.042	.112	.493	40	424	.050	.066	.372	.153
40	239	.383	.061	.190	.773	40	337	.341	.038	.228	.527	40	425	.207	.082	.542	.016
40	240	.404	.068	.192	.714	40	338	.315	.037	.183	.506	40	426	.289	.098	.650	.004
40	241	.379	.080	.090	.720	40	339	.309	.038	.178	.493	40	427	.325	.108	.684	.030
40	242	.399	.084	.072	.812	40	340	.377	.041	.244	.522	40	428	.277	.181	.771	.432
40	243	.369	.068	.168	.647	40	341	.414	.052	.151	.705	40	429	.297	.167	.825	.284
40	244	.363	.076	.062	.620	40	342	.386	.047	.217	.568	40	430	.287	.170	.879	.301
40	245	.314	.074	.022	.610	40	343	.388	.046	.222	.636	40	431	.340	.150	.785	.166
40	246	.338	.077	.000	.633	40	344	.399	.053	.051	.644	40	432	.250	.037	.084	.393
40	247	.459	.135	.124	.118	40	345	.421	.056	.132	.673	40	433	.132	.039	.066	.279
40	248	.336	.081	.093	.796	40	346	.364	.057	.059	.605	40	434	.065	.064	.307	.115
40	249	.326	.068	.056	.736	40	347	.329	.046	.185	.643	40	435	.187	.086	.558	.008
40	250	.597	.193	.036	.764	40	348	.279	.042	.149	.534	40	436	.212	.113	.714	.097
40	251	.203	.080	.104	.541	40	349	.293	.044	.146	.520	40	437	.250	.117	.768	.083
40	252	.131	.059	.070	.411	40	350	.369	.050	.168	.588	40	438	.277	.149	.728	.237
40	301	.279	.056	.027	.561	40	351	.269	.070	.010	.552	40	439	.289	.142	.737	.178
40	302	.279	.055	.104	.583	40	352	.382	.093	.156	.817	40	440	.230	.145	.650	.331
40	303	.275	.044	.131	.450	40	353	.269	.081	.033	.817	40	441	.247	.116	.676	.138
40	304	.276	.052	.095	.507	40	354	.262	.081	.024	.819	40	442	.167	.047	.035	.346
40	305	.305	.054	.141	.551	40	355	.379	.072	.119	.714	40	443	.085	.046	.166	.263
40	306	.294	.049	.114	.511	40	356	.352	.061	.039	.617	40	444	.006	.064	.317	.168
40	307	.289	.050	.110	.514	40	357	.390	.065	.084	.709	40	445	.115	.076	.458	.108
40	308	.297	.045	.115	.583	40	358	.314	.065	.025	.573	40	446	.147	.096	.707	.148
40	309	.297	.041	.165	.465	40	359	.303	.071	.010	.625	40	447	.148	.100	.568	.156
40	310	.277	.040	.143	.440	40	360	.273	.065	.055	.593	40	448	.152	.112	.635	.264
40	311	.292	.040	.152	.477	40	361	.260	.070	.037	.572	40	449	.185	.105	.659	.198
40	312	.282	.036	.144	.403	40	362	.202	.101	.125	.721	40	450	.156	.096	.562	.264
40	313	.296	.036	.165	.417	40	401	.184	.039	.021	.329	40	451	.124	.047	.038	.309
40	314	.293	.037	.148	.413	40	402	.131	.048	.056	.330	40	452	.110	.050	.068	.299
40	315	.280	.039	.148	.440	40	403	.064	.060	.197	.284	40	453	.085	.048	.143	.267
40	316	.297	.039	.163	.476	40	404	.163	.079	.130	.430	40	454	.004	.048	.236	.150
40	317	.318	.037	.201	.470	40	405	.071	.083	.252	.349	40	455	.240	.095	.575	.057
40	318	.300	.033	.188	.417	40	406	.071	.096	.397	.264	40	456	.048	.071	.349	.156
40	319	.294	.033	.145	.399	40	407	.020	.169	.388	.805	40	457	.038	.060	.306	.111
40	320	.276	.034	.134	.395	40	408	.092	.147	.524	.627	40	458	.197	.091	.643	.053
40	321	.352	.058	.110	.573	40	409	.184	.216	.488	.930	40	459	.217	.094	.751	.018
40	322	.348	.040	.188	.524	40	410	.138	.146	.288	.697	40	460	.152	.096	.638	.299
40	323	.369	.045	.175	.549	40	411	.167	.032	.025	.309	40	461	.300	.140	.935	.145
40	324	.328	.062	.075	.578	40	412	.135	.046	.061	.304	40	462	.315	.144	.924	.079

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	463	.268	.108	.710	-.120	40	707	-.381	.067	-.176	-.801	50	141	.113	.078	.473	-.107
40	501	-.069	.068	.246	-.363	40	708	-.358	.062	-.166	-.684	50	142	.026	.061	.310	-.120
40	502	-.101	.062	.113	-.436	40	709	-.102	.146	-.391	-.590	50	143	-.188	.045	.029	-.323
40	503	-.217	.062	-.021	-.482	40	710	-.449	.089	-.230	-.957	50	144	-.224	.043	-.055	-.379
40	504	-.015	.219	1.050	-.831	40	711	-.414	.066	-.211	-.941	50	145	-.339	.053	-.151	-.606
40	505	-.344	.165	.326	-1.048	40	712	-.220	.098	.028	-.627	50	146	-.100	.173	.693	-.579
40	506	-.208	.094	.215	-.697	40	713	-.097	.066	.137	-.347	50	201	-.308	.040	-.170	-.489
40	507	-.058	.096	.284	-.524	40	714	-.071	.073	.192	-.383	50	202	-.307	.039	-.184	-.453
40	508	.098	.146	.785	-.571	40	715	-.069	.162	.433	-.642	50	203	-.324	.043	-.185	-.494
40	509	.161	.102	.684	-.078	40	716	-.292	.083	.001	-.892	50	204	-.326	.047	-.148	-.503
40	510	.196	.109	.684	.081	50	101	.140	.128	.633	-.555	50	205	-.397	.060	-.196	-1.233
40	511	.124	.094	.276	-.504	50	102	.062	.099	.462	-.299	50	206	-.357	.080	-.143	-.902
40	512	.100	.100	.608	-.126	50	103	.144	.083	.162	-.436	50	207	-.365	.091	-.175	-.944
40	513	.185	.099	.626	-.066	50	104	.095	.071	.153	-.340	50	208	-.296	.037	-.191	-.445
40	514	.184	.106	.596	-.069	50	105	.090	.046	.111	-.234	50	209	-.363	.038	-.254	-.518
40	515	.153	.091	.485	-.067	50	106	.128	.045	.071	-.284	50	210	-.318	.036	-.220	-.458
40	516	.083	.072	.396	-.147	50	107	.196	.043	.035	-.369	50	211	-.333	.037	-.234	-.459
40	517	.182	.084	.175	-.524	50	108	.314	.210	.825	-.697	50	212	-.350	.037	-.235	-.475
40	601	.371	.065	.117	-.652	50	109	.306	.156	.745	-.628	50	213	-.406	.049	-.275	-.620
40	602	.375	.064	-.134	-.633	50	110	.249	.102	.593	-.296	50	214	-.361	.062	-.212	-.661
40	603	.314	.065	-.049	-.559	50	111	.088	.081	.323	-.160	50	215	-.321	.036	-.194	-.467
40	604	.292	.056	-.017	-.480	50	112	.033	.065	.250	-.168	50	216	-.314	.037	-.183	-.432
40	605	.303	.067	-.100	-.650	50	113	.126	.045	.035	-.273	50	217	-.393	.038	-.277	-.520
40	607	.390	.088	-.116	-.850	50	114	.196	.037	.060	-.304	50	218	-.353	.036	-.240	-.489
40	608	.399	.078	-.178	-.790	50	115	.150	.253	.800	-.704	50	219	-.374	.036	-.268	-.484
40	610	.392	.068	-.180	-.696	50	116	.216	.220	.771	-.741	50	220	-.376	.042	-.269	-.639
40	611	.347	.065	-.100	-.594	50	117	.243	.101	.623	-.288	50	221	-.450	.049	-.318	-.689
40	612	.312	.060	-.146	-.712	50	118	.133	.072	.394	-.050	50	222	-.365	.037	-.253	-.481
40	613	.311	.062	-.117	-.595	50	119	.030	.060	.195	-.193	50	223	-.366	.041	-.249	-.503
40	614	.381	.132	-.107	-1.111	50	120	.161	.039	.034	-.286	50	224	-.364	.042	-.246	-.503
40	615	.269	.076	-.033	-.568	50	121	.249	.031	.134	-.364	50	225	-.443	.042	-.321	-.571
40	616	.349	.121	-.032	-.894	50	122	.081	.228	.648	-.652	50	226	-.387	.042	-.253	-.520
40	617	.119	.090	.497	-.204	50	123	.077	.219	.550	-.829	50	227	-.392	.041	-.229	-.543
40	618	.582	.239	.257	-1.666	50	124	.158	.107	.453	-.451	50	228	-.380	.042	-.251	-.604
40	619	.397	.070	-.163	-.736	50	125	.080	.067	.329	-.144	50	229	-.437	.041	-.323	-.569
40	620	.373	.109	.042	-.977	50	126	.014	.054	.273	-.201	50	230	-.372	.041	-.266	-.550
40	621	.473	.196	.044	-1.441	50	127	.245	.040	.063	-.377	50	231	-.388	.041	-.276	-.569
40	622	.145	.245	.623	-1.410	50	128	.278	.035	.135	-.404	50	232	-.408	.052	-.280	-.726
40	623	.550	.155	-.163	-1.316	50	129	.043	.166	.454	-.770	50	233	-.410	.052	-.283	-.787
40	624	.191	.204	.445	-.960	50	130	.006	.157	.411	-.626	50	234	-.426	.052	-.287	-.687
40	625	.330	.121	.295	-1.320	50	131	.020	.109	.284	-.510	50	235	-.404	.054	-.258	-.773
40	626	.084	.143	.576	-.836	50	132	.037	.056	.263	-.191	50	236	-.340	.046	-.185	-.579
40	627	.243	.096	.119	-.571	50	133	.039	.048	.253	-.219	50	237	-.340	.047	-.178	-.577
40	628	.208	.178	.411	-1.116	50	134	.183	.038	.023	-.322	50	238	-.378	.049	-.224	-.636
40	701	.393	.074	-.077	-.755	50	135	.320	.036	.180	-.472	50	239	-.366	.048	-.223	-.587
40	702	.578	.183	.130	-1.315	50	136	.357	.049	.209	-.617	50	240	-.387	.051	-.244	-.627
40	703	.447	.140	-.041	-1.224	50	137	.323	.079	.123	-.599	50	241	-.375	.057	-.203	-.657
40	704	.375	.075	-.190	-.754	50	138	.096	.120	.550	-.641	50	242	-.405	.060	-.210	-.757
40	705	.345	.112	-.060	-.856	50	139	.058	.127	.547	-.579	50	243	-.359	.050	-.223	-.637
40	706	.741	.129	-.337	-1.354	50	140	.142	.103	.509	-.171	50	244	-.343	.051	-.155	-.589

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
500	245	340	.051	.168	.594	500	343	.372	.055	.096	.586	500	431	.449	.124	.838	.108
500	246	365	.054	.181	.665	500	344	.346	.082	.003	.562	500	432	.223	.043	.052	.363
500	247	397	.083	.212	.921	500	345	.370	.086	.017	.607	500	433	.090	.047	.110	.225
500	248	382	.068	.166	.837	500	346	.379	.070	.151	.706	500	434	.127	.076	.432	.089
500	249	352	.068	.113	.687	500	347	.357	.058	.192	.638	500	435	.259	.094	.611	.033
500	250	520	.134	.113	1.301	500	348	.291	.052	.122	.562	500	436	.287	.118	.778	.097
500	251	292	.067	.075	.532	500	349	.313	.054	.128	.581	500	437	.312	.126	.825	.111
500	252	208	.059	.021	.536	500	350	.353	.064	.017	.570	500	438	.389	.138	.891	.046
500	301	334	.070	.084	.639	500	351	.350	.087	.098	.898	500	439	.408	.136	.891	.006
500	302	331	.070	.047	.686	500	352	.403	.107	.156	1.305	500	440	.351	.143	.849	.018
500	303	316	.056	.135	.622	500	353	.297	.085	.068	.028	500	441	.332	.124	.884	.023
500	304	312	.063	.110	.613	500	354	.287	.083	.030	.954	500	442	.172	.051	.015	.373
500	305	343	.069	.082	.855	500	355	.358	.072	.114	.648	500	443	.072	.050	.112	.226
500	306	317	.062	.032	.721	500	356	.349	.065	.022	.682	500	444	.045	.073	.315	.136
500	307	321	.057	.027	.742	500	357	.394	.066	.027	.726	500	445	.165	.087	.532	.046
500	308	326	.061	.095	.774	500	358	.311	.071	.074	.510	500	446	.221	.100	.603	.081
500	309	346	.053	.145	.576	500	359	.278	.085	.151	.533	500	447	.232	.115	.739	.125
500	310	321	.052	.121	.545	500	360	.337	.094	.036	.848	500	448	.236	.108	.689	.052
500	311	340	.049	.183	.607	500	361	.327	.080	.100	.765	500	449	.270	.104	.703	.011
500	312	313	.045	.151	.520	500	362	.178	.110	.289	.772	500	450	.218	.112	.657	.188
500	313	335	.043	.190	.523	500	401	.198	.051	.041	.374	500	451	.116	.053	.093	.364
500	314	324	.044	.166	.523	500	402	.125	.061	.113	.410	500	452	.091	.057	.162	.314
500	315	321	.044	.175	.522	500	403	.025	.071	.275	.306	500	453	.064	.054	.187	.267
500	316	312	.041	.161	.484	500	404	.041	.085	.233	.365	500	454	.031	.058	.321	.126
500	317	339	.039	.207	.504	500	405	.072	.100	.393	.274	500	455	.324	.102	.777	.081
500	318	314	.039	.154	.443	500	406	.192	.111	.520	.162	500	456	.079	.078	.416	.136
500	319	307	.041	.148	.466	500	407	.114	.131	.444	.453	500	457	.077	.072	.418	.106
500	320	296	.042	.139	.454	500	408	.175	.100	.221	.506	500	458	.243	.095	.752	.003
500	321	373	.042	.219	.552	500	409	.007	.099	.393	.532	500	459	.274	.104	.790	.006
500	322	355	.036	.245	.503	500	410	.044	.097	.312	.597	500	460	.211	.108	.741	.213
500	323	364	.039	.240	.561	500	411	.144	.043	.045	.301	500	461	.380	.132	1.172	.023
500	324	345	.044	.154	.537	500	412	.081	.060	.150	.296	500	462	.386	.145	1.135	.020
500	325	370	.044	.190	.569	500	413	.184	.092	.512	.121	500	463	.324	.112	.794	.062
500	326	332	.041	.193	.505	500	414	.288	.109	.674	.015	500	501	.067	.069	.218	.349
500	327	316	.038	.195	.457	500	415	.409	.124	.794	.064	500	502	.075	.077	.234	.329
500	328	295	.043	.095	.423	500	416	.401	.131	.795	.084	500	503	.211	.070	.044	.561
500	329	322	.045	.166	.453	500	417	.431	.140	.854	.096	500	504	.055	.223	.988	.750
500	330	355	.039	.233	.533	500	418	.447	.143	.857	.016	500	505	.334	.237	.703	1.136
500	331	361	.043	.150	.497	500	419	.467	.143	.932	.216	500	506	.202	.112	.158	.856
500	332	358	.044	.190	.508	500	420	.408	.159	.923	.333	500	507	.040	.107	.405	.606
500	333	391	.044	.219	.552	500	421	.495	.138	.939	.038	500	508	.145	.144	.783	.278
500	334	364	.052	.074	.542	500	422	.160	.045	.004	.323	500	509	.219	.117	.791	.069
500	335	365	.048	.152	.523	500	423	.046	.051	.168	.209	500	510	.271	.126	.756	.061
500	336	349	.049	.186	.577	500	424	.133	.083	.482	.109	500	511	.131	.110	.242	.628
500	337	355	.045	.224	.564	500	425	.298	.100	.671	.031	500	512	.116	.096	.661	.125
500	338	309	.043	.156	.493	500	426	.393	.133	.901	.082	500	513	.238	.108	.663	.042
500	339	303	.045	.143	.466	500	427	.412	.146	.954	.023	500	514	.244	.114	.732	.049
500	340	357	.048	.161	.496	500	428	.444	.153	.995	.009	500	515	.215	.101	.596	.048
500	341	377	.075	.065	.626	500	429	.466	.147	.993	.026	500	516	.133	.085	.409	.195
500	342	369	.057	.119	.607	500	430	.465	.135	.891	.058	500	517	.163	.109	.221	.598

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
500	601	-.384	.070	-.001	-.679	600	109	-.163	.294	.513	-1.116	600	213	-.350	.035	-.208	-.516
500	602	-.383	.059	-.157	-.665	600	110	-.067	.133	.314	-.782	600	214	-.299	.038	-.143	-.499
500	603	-.293	.070	-.073	-.510	600	111	-.037	.055	.173	-.256	600	215	-.291	.034	-.172	-.409
500	604	-.312	.079	-.035	-.698	600	112	-.054	.046	.130	-.208	600	216	-.280	.034	-.171	-.408
500	605	-.380	.087	-.140	-.784	600	113	-.171	.033	-.043	-.277	600	217	-.359	.034	-.262	-.483
500	607	-.385	.067	-.207	-.786	600	114	-.213	.030	-.100	-.328	600	218	-.312	.032	-.213	-.433
500	608	-.392	.065	-.121	-.689	600	115	-.306	.210	-.474	-1.152	600	219	-.322	.030	-.221	-.427
500	610	-.374	.064	-.145	-.636	600	116	-.234	.243	-.470	-1.077	600	220	-.316	.031	-.224	-.426
500	611	-.311	.063	-.129	-.569	600	117	-.055	.234	-.436	-1.047	600	221	-.393	.037	-.277	-.555
500	612	-.393	.091	-.128	-.831	600	118	-.019	.057	-.241	-.300	600	222	-.318	.033	-.190	-.427
500	613	-.357	.083	-.149	-.928	600	119	-.122	.042	-.050	-.272	600	223	-.322	.036	-.208	-.449
500	614	-.510	.168	-.073	-1.282	600	120	-.191	.029	-.069	-.306	600	224	-.313	.037	-.186	-.449
500	615	-.341	.090	-.059	-.684	600	121	-.244	.030	-.120	-.341	600	225	-.389	.040	-.267	-.534
500	616	-.476	.140	-.101	-1.067	600	122	-.237	.204	-.486	-1.254	600	226	-.326	.039	-.190	-.476
500	617	-.170	.104	.613	.159	600	123	-.274	.238	-.390	-1.458	600	227	-.351	.048	-.196	-.752
500	618	-.508	.176	.133	-1.248	600	124	-.084	.202	-.295	-1.010	600	228	-.341	.054	-.176	-.661
500	619	-.366	.064	.122	-.623	600	125	-.019	.060	-.166	-.439	600	229	-.394	.042	-.269	-.532
500	620	-.470	.134	-.013	-1.242	600	126	-.081	.039	-.107	-.315	600	230	-.338	.041	-.219	-.531
500	621	-.588	.186	-.053	-1.285	600	127	-.266	.031	-.120	-.403	600	231	-.342	.040	-.223	-.468
500	622	-.152	.167	.363	.918	600	128	-.267	.030	-.146	-.378	600	232	-.350	.045	-.233	-.518
500	623	-.501	.138	.078	-1.127	600	129	-.217	.176	-.333	-1.187	600	233	-.338	.049	-.183	-.558
500	624	-.100	.132	.359	.698	600	130	-.174	.181	-.334	-1.214	600	234	-.393	.068	-.174	-.750
500	625	-.309	.097	.074	-.782	600	131	-.139	.160	-.235	-1.010	600	235	-.371	.071	-.156	-.789
500	626	-.197	.134	.267	.707	600	132	-.037	.066	-.156	-.571	600	236	-.323	.041	-.221	-.483
500	627	-.169	.087	.125	.492	600	133	-.097	.041	-.067	-.287	600	237	-.315	.041	-.212	-.475
500	628	-.098	.171	.440	-1.047	600	134	-.198	.033	-.073	-.421	600	238	-.358	.044	-.247	-.530
500	701	-.288	.093	.081	-.676	600	135	-.317	.036	-.151	-.457	600	239	-.343	.044	-.216	-.499
500	702	-.572	.148	-.063	-1.215	600	136	-.331	.044	-.216	-.497	600	240	-.341	.054	-.117	-.563
500	703	-.386	.080	.178	.919	600	137	-.331	.062	-.003	-.592	600	241	-.355	.080	-.044	-.751
500	704	-.342	.051	.199	-.690	600	138	-.063	.139	-.382	-.714	600	242	-.399	.093	-.065	-.885
500	705	-.251	.060	-.062	-.627	600	139	-.121	.158	-.364	-.959	600	243	-.335	.042	-.201	-.523
500	706	-.783	.134	.403	-1.361	600	140	-.004	.132	-.414	-.770	600	244	-.326	.046	-.190	-.537
500	707	-.373	.050	-.226	-.737	600	141	-.029	.067	-.350	-.243	600	245	-.317	.046	-.175	-.524
500	708	-.349	.047	-.214	-.628	600	142	-.040	.050	-.183	-.184	600	246	-.348	.048	-.201	-.561
500	709	-.005	.121	.482	.427	600	143	-.227	.038	-.079	-.344	600	247	-.358	.063	-.187	-.679
500	710	-.411	.070	-.242	-1.031	600	144	-.240	.037	-.118	-.378	600	248	-.363	.064	-.175	-.729
500	711	-.397	.049	.281	-.662	600	145	-.323	.047	-.073	-.526	600	249	-.321	.063	-.078	-.599
500	712	-.444	.103	.058	-.812	600	146	-.195	.120	-.380	-.552	600	250	-.432	.124	-.157	-1.178
500	713	-.122	.068	.231	-.397	600	201	-.278	.037	-.160	-.395	600	251	-.299	.058	-.089	-.551
500	714	-.183	.107	.231	-.502	600	202	-.275	.034	-.151	-.417	600	252	-.226	.057	-.041	-.570
500	715	-.359	.097	.098	-.719	600	203	-.292	.036	-.174	-.427	600	301	-.318	.069	-.027	-.619
500	716	-.441	.114	.210	-.921	600	204	-.280	.038	-.161	-.451	600	302	-.291	.071	-.022	-.595
600	101	-.179	.269	.308	-1.455	600	205	-.359	.060	-.205	-.964	600	303	-.303	.062	-.053	-.547
600	102	-.071	.133	.220	-.855	600	206	-.310	.070	-.115	-.994	600	304	-.297	.067	-.014	-.588
600	103	-.184	.066	.068	-.514	600	207	-.314	.070	-.112	-.976	600	305	-.365	.073	-.123	-.774
600	104	-.171	.058	.055	-.357	600	208	-.263	.032	-.128	-.381	600	306	-.335	.064	-.131	-.774
600	105	-.126	.036	.033	-.255	600	209	-.333	.033	-.200	-.452	600	307	-.338	.061	-.117	-.627
600	106	-.144	.038	.018	-.287	600	210	-.285	.032	-.169	-.396	600	308	-.340	.061	-.097	-.597
600	107	-.205	.033	.075	-.336	600	211	-.290	.032	-.179	-.407	600	309	-.348	.055	-.150	-.568
600	108	-.205	.275	.687	-1.175	600	212	-.309	.037	-.192	-.446	600	310	-.318	.055	-.109	-.533

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN
60	311	-.341	.053	-.185	-.618	60	361	-.410	.097	-.127	-.744	60	449	.241	.111	.747	.009
60	312	-.300	.046	-.124	-.502	60	362	-.150	.129	-.349	-.817	60	450	.216	.116	.674	-.192
60	313	-.331	.046	-.162	-.520	60	401	-.141	.065	-.096	-.406	60	451	-.119	.071	.264	-.407
60	314	-.310	.046	-.126	-.494	60	402	-.066	.073	-.254	-.325	60	452	-.070	.072	.321	-.310
60	315	-.340	.051	-.174	-.600	60	403	.033	.081	-.448	-.264	60	453	-.039	.070	.245	-.303
60	316	-.324	.046	-.173	-.549	60	404	.025	.092	-.416	-.286	60	454	.069	.068	.412	-.111
60	317	-.354	.044	-.193	-.588	60	405	.178	.113	-.545	-.206	60	455	.317	.106	.779	.084
60	318	-.316	.043	-.179	-.471	60	406	.241	.121	-.614	-.185	60	456	.116	.091	.591	-.159
60	319	-.302	.047	-.157	-.492	60	407	-.051	.165	-.458	-.572	60	457	.147	.091	.522	-.099
60	320	-.287	.048	-.129	-.478	60	408	-.177	.101	-.163	-.511	60	458	.281	.105	.841	.013
60	321	-.361	.046	-.222	-.576	60	409	-.043	.096	-.253	-.408	60	459	.307	.106	.905	.050
60	322	-.338	.044	-.213	-.533	60	410	-.101	.108	-.462	-.366	60	460	.252	.110	.874	-.055
60	323	-.336	.044	-.207	-.547	60	411	-.082	.056	-.162	-.349	60	461	.380	.135	.911	.078
60	324	-.324	.048	-.144	-.541	60	412	-.000	.078	-.307	-.256	60	462	.368	.140	.984	.049
60	325	-.357	.049	-.177	-.576	60	413	.266	.113	-.607	-.076	60	463	.283	.107	.694	.043
60	326	-.323	.045	-.181	-.508	60	414	.361	.136	-.817	-.015	60	501	-.066	.083	.225	-.474
60	327	-.306	.044	-.169	-.492	60	415	.459	.147	1.004	.055	60	502	-.050	.087	.265	-.413
60	328	-.251	.049	-.068	-.432	60	416	.437	.152	.961	-.038	60	503	-.210	.090	.135	-.667
60	329	-.276	.054	-.031	-.450	60	417	.363	.145	.874	-.106	60	504	.059	.197	.971	.637
60	330	-.330	.044	-.193	-.536	60	418	.429	.149	.957	-.006	60	505	-.219	.273	.714	-.149
60	331	-.300	.065	-.053	-.492	60	419	.441	.142	.859	-.035	60	506	-.172	.140	.318	-.913
60	332	-.301	.058	-.041	-.497	60	420	.465	.154	.961	-.040	60	507	-.034	.117	.373	-.617
60	333	-.352	.060	-.099	-.551	60	421	.472	.143	.944	-.106	60	508	-.140	.143	.682	-.223
60	334	-.284	.084	-.132	-.628	60	422	-.087	.057	.102	-.285	60	509	.230	.118	.868	-.086
60	335	-.306	.075	-.100	-.535	60	423	.043	.069	.268	-.154	60	510	.274	.119	.818	-.089
60	336	-.361	.058	-.132	-.583	60	424	.246	.111	.666	-.072	60	511	.116	.121	.336	-.682
60	337	-.383	.057	-.215	-.660	60	425	.402	.127	.874	-.011	60	512	.138	.110	.656	-.125
60	338	-.307	.056	-.114	-.561	60	426	.471	.137	.955	.040	60	513	.263	.123	.753	-.064
60	339	-.299	.059	-.063	-.509	60	427	.493	.140	.958	.016	60	514	.275	.129	.785	-.020
60	340	-.282	.066	-.103	-.495	60	428	.440	.140	.864	.032	60	515	.244	.113	.702	-.046
60	341	-.287	.105	.232	-.636	60	429	.475	.135	.896	.076	60	516	.155	.090	.479	-.172
60	342	-.291	.081	.134	-.528	60	430	.467	.150	.963	.094	60	517	-.057	.121	.343	-.481
60	343	-.292	.081	.018	-.542	60	431	.426	.134	.900	.062	60	601	-.278	.093	.071	-.719
60	344	-.281	.109	.164	-.888	60	432	-.190	.060	.086	-.417	60	602	-.291	.063	-.031	-.590
60	345	-.335	.100	.046	-.798	60	433	-.041	.067	.265	-.228	60	603	-.252	.092	.071	-.785
60	346	-.411	.078	-.186	-.774	60	434	-.199	.098	.545	-.075	60	604	-.380	.091	-.047	-.759
60	347	-.413	.092	-.202	-.899	60	435	.332	.112	.730	.069	60	605	-.430	.103	.166	-.045
60	348	-.362	.085	-.124	-.744	60	436	.355	.133	.847	.009	60	607	-.367	.081	-.085	-.905
60	349	-.391	.086	-.140	-.692	60	437	.383	.134	.887	.026	60	608	-.328	.073	-.106	-.629
60	350	-.270	.092	-.171	-.531	60	438	.339	.124	.781	-.010	60	610	-.310	.078	-.060	-.662
60	351	-.436	.102	-.148	-.939	60	439	.366	.123	.803	.033	60	611	-.319	.083	-.070	-.719
60	352	-.520	.179	-.071	-.1.283	60	440	.326	.135	.772	-.090	60	612	-.416	.103	-.130	-.046
60	353	-.408	.183	-.052	-.1.513	60	441	-.294	.114	.772	-.001	60	613	-.403	.113	-.120	-.119
60	354	-.389	.175	-.010	-.1.990	60	442	-.193	.064	.040	-.456	60	614	-.456	.133	-.127	-.095
60	355	-.232	.106	.211	-.533	60	443	-.068	.062	.183	-.281	60	615	-.407	.121	-.122	-.180
60	356	-.250	.090	.127	-.488	60	444	-.075	.082	.366	-.129	60	616	-.523	.163	-.076	-.328
60	357	-.300	.086	.017	-.588	60	445	-.192	.093	.550	-.029	60	617	-.193	.110	-.668	-.082
60	358	-.276	.099	.119	-.781	60	446	-.214	.111	.655	-.084	60	618	-.432	.128	-.004	-.932
60	359	-.276	.104	.203	-.632	60	447	-.237	.115	.733	-.078	60	619	-.302	.076	-.059	-.700
60	360	-.407	.093	.004	-.840	60	448	-.204	.115	.713	-.053	60	620	-.427	.118	-.083	-.055

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	621	606	207	509	-1.572	70	127	277	052	006	-638	70	231	305	040	185	-468
60	622	267	146	195	-1.026	70	128	250	044	027	-522	70	232	312	044	176	-472
60	623	161	174	362	-865	70	129	470	193	198	-1.760	70	233	294	050	073	-545
60	624	171	135	304	-709	70	130	451	198	200	-1.529	70	234	370	070	150	-824
60	625	204	105	210	-575	70	131	464	220	132	-1.751	70	235	341	068	121	-748
60	626	247	117	162	-778	70	132	189	127	148	-873	70	236	301	044	162	-509
60	627	173	077	129	-444	70	133	171	075	151	-801	70	237	293	043	165	-482
60	628	016	181	596	-682	70	134	208	051	008	-592	70	238	334	043	211	-509
60	701	239	123	294	-647	70	135	308	047	120	-615	70	239	315	049	136	-560
60	702	671	129	251	-1.331	70	136	323	055	172	-649	70	240	266	055	013	-448
60	703	348	058	192	-747	70	137	319	064	095	-643	70	241	267	083	054	-821
60	704	309	043	164	-489	70	138	302	159	255	-1.025	70	242	333	107	099	-1.003
60	705	341	093	053	-761	70	139	390	178	197	-1.236	70	243	320	048	176	-515
60	706	656	137	276	-1.286	70	140	300	205	192	-1.208	70	244	321	053	179	-616
60	707	345	046	206	-557	70	141	095	095	311	-572	70	245	310	053	168	-611
60	708	315	043	181	-480	70	142	115	052	122	-440	70	246	345	054	177	-654
60	709	103	085	222	-449	70	143	269	039	112	-468	70	247	338	062	158	-639
60	710	360	073	126	-817	70	144	255	040	102	-419	70	248	332	060	154	-642
60	711	376	053	221	-698	70	145	314	053	073	-565	70	249	291	062	111	-559
60	712	464	097	098	-808	70	146	239	082	142	-665	70	250	357	103	126	-1.577
60	713	193	076	216	-461	70	201	263	038	116	-441	70	251	294	059	066	-589
60	714	302	089	081	-619	70	202	267	036	148	-409	70	252	236	063	033	-535
60	715	426	107	008	-870	70	203	274	040	142	-422	70	301	329	080	032	-714
60	716	462	122	145	-1.380	70	204	264	049	075	-652	70	302	327	081	089	-723
70	101	808	299	082	-2.267	70	205	348	066	092	-893	70	303	325	075	044	-611
70	102	591	318	119	-1.552	70	206	298	067	115	-721	70	304	320	085	042	-677
70	103	316	144	029	-1.241	70	207	306	076	083	-850	70	305	407	109	017	-1.156
70	104	223	048	019	-471	70	208	253	036	125	-395	70	306	375	096	017	-1.043
70	105	173	032	053	-336	70	209	328	038	210	-476	70	307	401	092	084	-864
70	106	170	035	003	-496	70	210	271	036	128	-417	70	308	384	072	107	-728
70	107	217	033	087	-427	70	211	282	036	149	-420	70	309	398	059	174	-661
70	108	624	202	264	-1.525	70	212	288	041	157	-517	70	310	364	058	171	-624
70	109	659	216	239	-1.763	70	213	350	043	182	-581	70	311	364	073	154	-851
70	110	463	298	212	-1.338	70	214	300	047	117	-571	70	312	339	066	090	-592
70	111	146	066	073	-548	70	215	275	035	153	-461	70	313	372	064	145	-603
70	112	130	038	040	-507	70	216	263	033	133	-392	70	314	349	067	106	-627
70	113	205	030	095	-525	70	217	341	034	215	-447	70	315	388	076	160	-764
70	114	223	030	125	-488	70	218	283	032	174	-398	70	316	371	069	031	-745
70	115	592	149	015	-1.480	70	219	299	035	139	-427	70	317	404	063	116	-744
70	116	535	162	169	-1.561	70	220	298	039	168	-461	70	318	356	055	198	-547
70	117	505	229	306	-1.438	70	221	387	046	241	-692	70	319	344	053	181	-538
70	118	131	145	243	-1.043	70	222	288	039	159	-486	70	320	325	054	156	-521
70	119	191	065	063	-674	70	223	290	038	171	-427	70	321	398	067	196	-732
70	120	209	040	050	-440	70	224	278	037	125	-423	70	322	376	061	206	-624
70	121	248	036	095	-439	70	225	359	039	246	-514	70	323	385	064	214	-684
70	122	502	172	147	-1.300	70	226	310	040	156	-468	70	324	375	068	087	-692
70	123	593	197	114	-1.483	70	227	329	054	115	-806	70	325	415	065	170	-705
70	124	466	230	153	-1.303	70	228	316	058	095	-665	70	326	391	062	198	-622
70	125	212	159	134	-1.027	70	229	352	044	223	-648	70	327	364	054	198	-573
70	126	155	085	180	-566	70	230	283	041	170	-467	70	328	308	056	131	-526

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	329	-.342	.059	-.162	-.574	70	417	.222	.145	.657	-.228	70	504	-.042	.181	.818	-.667
70	330	-.333	.057	-.114	-.572	70	418	.410	.138	.918	-.098	70	505	-.138	.285	.760	-1.157
70	331	-.218	.110	.327	-.592	70	419	.369	.127	.752	-.088	70	506	-.121	.164	.401	-.909
70	332	-.270	.081	.178	-.567	70	420	.488	.155	.931	-.002	70	507	-.018	.136	.493	-.649
70	333	-.347	.090	.087	-.698	70	421	.470	.140	.913	.081	70	508	.131	.134	.648	-.205
70	334	-.221	.126	.369	-.674	70	422	-.073	.072	.216	-.343	70	509	.234	.127	.787	-.104
70	335	-.240	.114	.287	-.611	70	423	.082	.086	.415	-.161	70	510	.287	.135	.855	-.037
70	336	-.392	.076	.056	-.743	70	424	.310	.129	.751	-.015	70	511	-.082	.124	.404	-.721
70	337	-.443	.073	-.252	-1.182	70	425	.447	.141	.871	.063	70	512	.129	.108	.627	-.177
70	338	-.357	.073	.116	-.741	70	426	.483	.143	.922	.075	70	513	.247	.124	.762	-.067
70	339	-.361	.076	.013	-.613	70	427	.490	.142	.940	.088	70	514	.264	.130	.807	-.063
70	340	-.205	.081	.300	-.433	70	428	.364	.135	.737	-.035	70	515	.238	.115	.670	-.071
70	341	-.267	.121	.557	-.720	70	429	.421	.132	.806	.041	70	516	.191	.093	.547	-.092
70	342	-.272	.073	.082	-.520	70	430	.445	.155	.860	-.008	70	517	.048	.119	.669	-.392
70	343	-.286	.077	.011	-.604	70	431	.393	.140	.882	.035	70	501	-.275	.070	-.032	-.582
70	344	-.291	.097	.200	-.628	70	432	-.164	.074	.145	-.398	70	602	-.275	.060	.016	-.480
70	345	-.347	.094	.160	-.737	70	433	.009	.080	.381	-.257	70	603	-.271	.084	.052	-.655
70	346	-.416	.088	.163	-.815	70	434	.249	.118	.758	-.041	70	604	-.354	.096	.032	-.891
70	347	-.477	.117	.195	-1.318	70	435	.354	.135	.931	.035	70	605	-.457	.123	.097	-1.044
70	348	-.433	.099	.158	-.894	70	436	.332	.154	.956	-.020	70	607	-.286	.072	-.021	-.655
70	349	-.470	.100	.172	-.938	70	437	.345	.148	.931	.013	70	608	-.265	.072	.032	-.532
70	350	-.267	.066	.027	-.542	70	438	.300	.124	.715	-.034	70	610	-.264	.071	.041	-.562
70	351	-.468	.112	.112	-.904	70	439	.340	.125	.790	.013	70	611	-.300	.090	.050	-.710
70	352	-.618	.214	.049	-1.568	70	440	.332	.141	.793	.038	70	612	-.391	.104	.020	-.955
70	353	-.558	.243	.123	-1.860	70	441	.287	.120	.754	-.029	70	613	-.464	.132	.116	-1.284
70	354	-.521	.216	.046	-2.461	70	442	-.181	.081	.180	-.524	70	614	-.449	.151	.126	-1.305
70	355	-.238	.088	.192	-.576	70	443	-.029	.081	.415	-.306	70	615	-.462	.157	.099	-1.405
70	356	-.240	.070	.046	-.523	70	444	-.135	.109	.589	-.114	70	616	-.525	.214	.376	-1.312
70	357	-.288	.070	.015	-.545	70	445	.234	.121	.682	-.059	70	617	-.221	.115	.821	-.085
70	358	-.279	.080	.007	-.711	70	446	.244	.121	.736	-.053	70	618	-.227	.091	.036	-.657
70	359	-.294	.082	.042	-.654	70	447	.250	.121	.738	-.080	70	619	-.271	.075	-.026	-.615
70	360	-.362	.103	.142	-.710	70	448	.181	.107	.613	-.080	70	620	-.336	.113	.150	-.832
70	361	-.425	.110	.093	-.858	70	449	.222	.104	.632	-.049	70	621	-.576	.223	.434	-1.371
70	362	-.113	.135	.362	-.813	70	450	.196	.115	.767	-.194	70	622	-.228	.099	.064	-.746
70	401	-.106	.075	.195	-.369	70	451	-.109	.082	.251	-.456	70	623	-.135	.113	.351	-.469
70	402	-.012	.092	.306	-.389	70	452	-.048	.083	.276	-.343	70	624	-.140	.130	.364	-.583
70	403	.073	.099	.442	-.309	70	453	-.015	.082	.317	-.372	70	625	-.173	.109	.372	-.613
70	404	.053	.111	.424	-.321	70	454	.108	.086	.546	-.113	70	626	-.189	.090	.155	-.736
70	405	.179	.122	.613	-.225	70	455	.273	.101	.711	-.045	70	627	-.197	.069	.031	-.497
70	406	.209	.127	.637	-.203	70	456	.128	.095	.517	-.141	70	628	-.036	.185	.671	-.733
70	407	.234	.109	.321	-.580	70	457	.195	.098	.573	-.091	70	701	-.108	.162	.606	-.632
70	408	.219	.099	.189	-.563	70	458	.296	.120	.848	.006	70	702	-.680	.135	-.257	-1.341
70	409	.136	.096	.168	-.538	70	459	.303	.114	.781	.028	70	703	-.337	.059	-.184	-.643
70	410	.165	.114	.558	-.248	70	460	.249	.115	.749	-.055	70	704	-.301	.049	-.159	-.514
70	411	.042	.070	.275	-.277	70	461	.319	.125	.824	.013	70	705	-.442	.103	-.099	-1.004
70	412	.075	.097	.436	-.235	70	462	.356	.141	.934	.070	70	706	-.610	.112	-.257	-1.050
70	413	.356	.127	.844	-.034	70	463	.229	.094	.713	.004	70	707	-.332	.055	-.165	-.591
70	414	.443	.139	.967	-.008	70	501	-.058	.082	.236	-.446	70	708	-.295	.049	-.125	-.493
70	415	.497	.150	.974	-.054	70	502	-.003	.103	.362	-.443	70	709	-.224	.099	.142	-.649
70	416	.449	.153	.907	-.003	70	503	-.170	.120	.349	-.674	70	710	-.355	.079	-.168	-.983

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	711	-.378	.084	-.164	-.791	80	145	-.301	.069	-.063	-.706	80	249	-.269	.079	-.082	-.720
70	712	-.518	.102	-.118	-.995	80	146	-.246	.094	-.099	-.749	80	250	-.303	.084	-.088	-.845
70	713	-.251	.084	-.203	-.563	80	201	-.269	.056	-.005	-.610	80	251	-.296	.077	-.106	-.850
70	714	-.378	.108	-.066	-.852	80	202	-.275	.060	-.056	-.593	80	252	-.244	.079	-.026	-.787
70	715	-.487	.121	-.027	-1.111	80	203	-.273	.058	-.078	-.694	80	301	-.348	.111	-.134	-.980
70	716	-.489	.121	-.195	-1.439	80	204	-.265	.062	-.040	-.679	80	302	-.358	.105	-.230	-.831
80	101	-.786	.186	-.203	-1.573	80	205	-.358	.072	-.123	-.696	80	303	-.365	.107	-.132	-.780
80	102	-.777	.189	-.183	-1.592	80	206	-.309	.083	-.063	-.717	80	304	-.353	.119	-.120	-.832
80	103	-.803	.225	-.190	-1.910	80	207	-.321	.093	-.026	-.964	80	305	-.458	.158	-.098	-1.192
80	104	-.392	.142	-.024	-1.054	80	208	-.335	.054	-.077	-.578	80	306	-.429	.145	-.142	-1.195
80	105	-.268	.069	-.078	-.721	80	209	-.335	.055	-.151	-.694	80	307	-.504	.143	-.020	-1.269
80	106	-.219	.072	-.081	-.731	80	210	-.272	.048	-.120	-.509	80	308	-.473	.100	-.149	-1.184
80	107	-.241	.058	-.106	-.750	80	211	-.270	.041	-.110	-.453	80	309	-.491	.075	-.242	-1.839
80	108	-.736	.156	-.133	-1.530	80	212	-.289	.043	-.151	-.450	80	310	-.452	.072	-.205	-.766
80	109	-.772	.166	-.296	-1.563	80	213	-.363	.052	-.221	-.616	80	311	-.403	.116	-.007	-1.127
80	110	-.753	.174	-.107	-1.559	80	214	-.314	.061	-.143	-.606	80	312	-.367	.092	-.078	-.690
80	111	-.466	.184	-.086	-1.138	80	215	-.275	.056	-.107	-.773	80	313	-.404	.090	-.098	-.732
80	112	-.250	.105	-.065	-.651	80	216	-.266	.054	-.070	-.684	80	314	-.382	.095	-.082	-.821
80	113	-.240	.068	.011	-.638	80	217	-.344	.046	-.201	-.598	80	315	-.446	.126	-.008	-1.097
80	114	-.236	.061	-.026	-.656	80	218	-.279	.038	-.156	-.424	80	316	-.421	.107	-.041	-.824
80	115	-.725	.124	-.327	-1.401	80	219	-.290	.044	-.144	-.490	80	317	-.494	.097	-.186	-.928
80	116	-.654	.129	-.215	-1.414	80	220	-.298	.057	-.140	-.633	80	318	-.448	.080	-.112	-.761
80	117	-.682	.156	-.102	-1.374	80	221	-.402	.074	-.198	-.965	80	319	-.433	.068	-.228	-.723
80	118	-.502	.202	-.137	-1.229	80	222	-.293	.080	-.089	-.786	80	320	-.410	.068	-.174	-.700
80	119	-.395	.171	-.182	-1.104	80	223	-.282	.063	-.110	-.593	80	321	-.461	.123	-.051	-1.199
80	120	-.274	.113	-.078	-.874	80	224	-.263	.046	-.140	-.500	80	322	-.409	.086	-.137	-.778
80	121	-.270	.087	-.057	-1.065	80	225	-.346	.042	-.185	-.559	80	323	-.431	.093	-.082	-.861
80	122	-.615	.153	-.213	-1.753	80	226	-.290	.051	-.148	-.555	80	324	-.466	.121	-.014	-1.089
80	123	-.725	.174	-.201	-2.117	80	227	-.289	.068	-.058	-.645	80	325	-.515	.111	-.010	-1.033
80	124	-.651	.188	-.104	-1.795	80	228	-.275	.076	-.047	-.701	80	326	-.495	.096	-.195	-1.010
80	125	-.496	.216	-.114	-1.369	80	229	-.333	.067	-.136	-.725	80	327	-.472	.087	-.213	-.923
80	126	-.324	.179	-.164	-1.036	80	230	-.261	.059	-.103	-.546	80	328	-.421	.078	-.191	-.695
80	127	-.351	.137	-.040	-1.130	80	231	-.283	.049	-.140	-.483	80	329	-.465	.080	-.235	-.783
80	128	-.295	.131	-.032	-1.126	80	232	-.285	.051	-.056	-.502	80	330	-.343	.078	-.060	-.686
80	129	-.634	.191	-.200	-1.990	80	233	-.358	.070	-.002	-.577	80	331	-.156	.177	-.504	-.900
80	130	-.622	.193	-.085	-2.299	80	234	-.313	.083	-.095	-.793	80	332	-.275	.099	-.181	-.668
80	131	-.714	.219	-.087	-1.959	80	235	-.282	.080	-.062	-.906	80	333	-.358	.106	-.081	-.810
80	132	-.450	.226	-.168	-1.278	80	236	-.282	.057	-.111	-.573	80	334	-.311	.158	-.576	-1.033
80	133	-.275	.142	-.109	-.969	80	237	-.274	.055	-.120	-.538	80	335	-.356	.130	-.182	-.947
80	134	-.226	.097	-.157	-.759	80	238	-.315	.050	-.159	-.541	80	336	-.507	.124	-.093	-1.052
80	135	-.311	.085	-.019	-.789	80	239	-.286	.051	-.050	-.496	80	337	-.590	.127	-.149	-1.361
80	136	-.308	.059	-.133	-.640	80	240	-.221	.068	-.103	-.540	80	338	-.520	.115	-.195	-1.213
80	137	-.316	.073	-.117	-.694	80	241	-.300	.120	-.088	-.969	80	339	-.523	.112	-.166	-1.009
80	138	-.515	.173	-.011	-1.536	80	242	-.420	.162	-.049	-1.314	80	340	-.177	.085	-.240	-.528
80	139	-.619	.191	-.084	-2.052	80	243	-.315	.058	-.137	-.549	80	341	-.063	.189	-.729	-.602
80	140	-.567	.221	-.017	-1.672	80	244	-.302	.061	-.137	-.688	80	342	-.222	.070	-.025	-.509
80	141	-.253	.167	-.187	-1.178	80	245	-.288	.061	-.127	-.637	80	343	-.239	.075	-.039	-.542
80	142	-.181	.089	-.121	-.714	80	246	-.331	.063	-.012	-.837	80	344	-.190	.101	-.274	-.685
80	143	-.295	.061	-.046	-.624	80	247	-.314	.064	-.135	-.651	80	345	-.242	.117	-.191	-.705
80	144	-.261	.056	-.074	-.720	80	248	-.325	.074	-.089	-.883	80	346	-.349	.162	-.120	-.836

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	347	-.627	.177	-.092	-1.412	80	435	.412	.151	.941	-.038	80	605	-.425	.144	-.027	-1.068
80	348	-.606	.165	-.200	-1.634	80	436	.353	.155	.949	-.053	80	607	-.247	.080	-.002	-.645
80	349	-.644	.161	-.247	-1.588	80	437	.351	.144	.894	-.019	80	608	-.195	.072	-.073	-.571
80	350	-.198	.063	-.025	-.419	80	438	.224	.105	.554	-.099	80	610	-.195	.071	-.172	-.575
80	351	-.408	.141	.013	-1.186	80	439	.275	.108	.605	-.035	80	611	-.206	.088	-.124	-.645
80	352	-.588	.281	.230	-1.813	80	440	.307	.140	.796	-.095	80	612	-.317	.122	-.058	-.994
80	353	-.658	.324	.195	-2.417	80	441	.245	.109	.661	-.051	80	613	-.418	.158	-.029	-1.448
80	354	-.617	.267	.196	-2.285	80	442	-.215	.100	.179	-.748	80	614	-.435	.188	-.115	-1.386
80	355	-.135	.095	.304	-.411	80	443	-.011	.093	.371	-.393	80	615	-.422	.169	-.033	-1.367
80	356	-.178	.062	-.047	-.460	80	444	.183	.115	.696	-.102	80	616	-.520	.226	-.218	-1.514
80	357	-.237	.066	-.007	-.644	80	445	.265	.119	.832	-.031	80	617	-.215	.120	-.815	-.063
80	358	-.188	.070	.055	-.324	80	446	.258	.117	.820	-.037	80	618	-.175	.083	-.095	-.755
80	359	-.190	.083	.102	-.576	80	447	.220	.107	.649	-.145	80	619	-.196	.067	-.005	-.485
80	360	-.276	.115	.155	-.736	80	448	.164	.098	.498	-.097	80	620	-.256	.126	-.174	-.946
80	361	-.371	.132	.128	-.919	80	449	.205	.096	.551	-.051	80	621	-.558	.207	-.440	-1.563
80	362	-.083	.139	.377	-.773	80	450	.196	.126	.703	-.161	80	622	-.141	.069	-.105	-.760
80	401	-.067	.091	.259	-.404	80	451	-.084	.090	.271	-.483	80	623	-.156	.083	-.218	-.546
80	402	-.040	.105	.411	-.358	80	452	-.066	.089	.349	-.298	80	624	-.040	.106	-.448	-.426
80	403	.107	.106	.420	-.228	80	453	.028	.094	.336	-.364	80	625	-.178	.091	-.298	-.565
80	404	.069	.112	.488	-.293	80	454	.157	.088	.475	-.063	80	626	-.128	.066	-.229	-.456
80	405	.157	.114	.524	-.204	80	455	.252	.098	.637	-.035	80	627	-.128	.058	-.122	-.375
80	406	.165	.125	.595	-.221	80	456	.142	.096	.624	-.140	80	628	-.124	.161	-.614	-.779
80	407	.341	.092	.057	-.795	80	457	.240	.102	.664	-.056	80	701	-.251	.147	-.342	-.946
80	408	.231	.102	.190	-.626	80	458	.355	.127	.875	-.057	80	702	-.648	.125	-.122	-1.172
80	409	.228	.101	.144	-.727	80	459	.337	.115	.839	-.069	80	703	-.322	.066	-.130	-.671
80	410	.205	.119	.542	-.259	80	460	.271	.114	.771	-.007	80	704	-.295	.060	-.123	-.649
80	411	.003	.085	.293	-.303	80	461	.298	.118	.764	-.029	80	705	-.540	.110	-.174	-1.087
80	412	.146	.114	.513	-.214	80	462	.278	.117	.770	-.004	80	706	-.592	.116	-.267	-1.152
80	413	.423	.141	.892	-.004	80	463	.174	.088	.622	-.055	80	707	-.310	.057	-.157	-.602
80	414	.480	.150	.890	-.023	80	501	-.037	.076	.279	-.409	80	708	-.258	.047	-.045	-.483
80	415	.481	.153	.946	-.004	80	502	-.005	.111	.394	-.527	80	709	-.358	.115	-.163	-.973
80	416	.384	.151	.815	-.095	80	503	-.110	.139	.400	-.743	80	710	-.343	.085	-.074	-.819
80	417	.056	.128	.451	-.474	80	504	-.044	.186	.104	-.602	80	711	-.351	.098	-.010	-1.010
80	418	.341	.136	.800	-.167	80	505	-.148	.272	.840	-.146	80	712	-.553	.102	-.251	-1.037
80	419	.265	.118	.656	-.086	80	506	-.089	.167	.440	-.130	80	713	-.320	.127	-.387	-.842
80	420	.478	.156	.964	-.110	80	507	-.001	.139	.481	-.666	80	714	-.439	.146	-.142	-1.249
80	421	.429	.136	.862	-.064	80	508	.150	.128	.675	-.166	80	715	-.536	.136	-.071	-1.374
80	422	.064	.086	.425	-.365	80	509	.248	.119	.771	-.037	80	716	-.493	.101	-.211	-1.064
80	423	.129	.103	.663	-.172	80	510	.309	.124	.822	-.029	90	101	-.550	.124	-.251	-1.545
80	424	.375	.150	.954	-.024	80	511	-.029	.126	.372	-.614	90	102	-.536	.128	-.222	-1.399
80	425	.472	.154	.959	-.074	80	512	.154	.104	.701	-.141	90	103	-.654	.147	-.120	-1.484
80	426	.445	.153	.885	-.028	80	513	.262	.114	.742	-.032	90	104	-.565	.166	-.058	-1.511
80	427	.431	.148	.882	-.030	80	514	.284	.118	.944	-.027	90	105	-.445	.131	-.053	-1.082
80	428	.242	.130	.736	-.110	80	515	.260	.106	.775	-.033	90	106	-.354	.168	-.134	-1.188
80	429	.328	.132	.769	-.024	80	516	.184	.088	.532	-.049	90	107	-.369	.172	-.158	-1.545
80	430	.417	.148	.859	-.030	80	517	.103	.120	.524	-.444	90	108	-.550	.123	-.197	-1.283
80	431	.343	.126	.766	-.004	80	601	-.221	.070	-.003	-.544	90	109	-.548	.116	-.259	-1.197
80	432	.179	.092	.230	-.571	80	602	-.235	.071	-.031	-.582	90	110	-.547	.123	-.240	-1.218
80	433	.031	.099	.469	-.304	80	603	-.188	.074	-.103	-.598	90	111	-.638	.156	-.108	-1.339
80	434	.323	.140	.808	-.003	80	604	-.273	.108	-.120	-.701	90	112	-.449	.160	-.068	-1.247

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	113	-.383	.182	.236	-1.444	90	217	-.353	.058	-.167	-.756	90	315	-.394	.164	.056	-1.050
90	114	-.373	.197	.164	-1.519	90	218	-.280	.048	-.145	-.546	90	316	-.385	.148	.175	-.885
90	115	-.591	.113	-.262	-1.091	90	219	-.295	.058	-.149	-.567	90	317	-.549	.150	.071	-1.255
90	116	-.519	.113	-.199	-1.057	90	220	-.282	.068	-.090	-.779	90	318	-.546	.119	-.084	-1.159
90	117	-.535	.121	-.206	-1.219	90	221	-.374	.086	-.144	-1.027	90	319	-.503	.085	-.212	-.807
90	118	-.544	.148	-.032	-1.168	90	222	-.353	.106	-.076	-.810	90	320	-.474	.084	-.203	-.775
90	119	-.562	.160	-.027	-1.469	90	223	-.337	.085	-.102	-.673	90	321	-.326	.185	-.453	-1.247
90	120	-.483	.205	.016	-1.527	90	224	-.280	.055	-.095	-.513	90	322	-.360	.119	-.020	-.842
90	121	-.457	.202	-.028	-1.444	90	225	-.356	.052	-.208	-.580	90	323	-.366	.123	-.034	-.848
90	122	-.507	.123	-.207	-1.148	90	226	-.297	.058	-.138	-.579	90	324	-.370	.169	.114	-1.282
90	123	-.610	.133	-.291	-1.293	90	227	-.288	.064	-.097	-.621	90	325	-.444	.174	.088	-1.260
90	124	-.555	.142	-.217	-1.275	90	228	-.268	.066	-.100	-.631	90	326	-.516	.162	.003	-1.167
90	125	-.566	.158	-.014	-1.393	90	229	-.405	.122	-.102	-.872	90	327	-.570	.137	.176	-1.394
90	126	-.451	.165	-.169	-1.123	90	230	-.308	.091	-.056	-.685	90	328	-.504	.110	.191	-1.156
90	127	-.521	.216	.006	-1.918	90	231	-.299	.071	-.058	-.592	90	329	-.555	.112	-.212	-1.216
90	128	-.445	.228	.034	-1.783	90	232	-.290	.064	-.079	-.559	90	330	-.265	.103	.089	-.664
90	129	-.509	.153	-.205	-1.927	90	233	-.307	.078	.003	-.657	90	331	-.024	.207	.899	-.819
90	130	-.566	.156	-.192	-1.746	90	234	-.356	.078	-.156	-.775	90	332	-.255	.096	.037	-.681
90	131	-.680	.171	-.188	-1.660	90	235	-.309	.074	-.064	-.656	90	333	-.348	.110	.027	-.850
90	132	-.531	.183	.045	-1.534	90	236	-.303	.081	-.094	-.706	90	334	-.202	.133	.161	-.862
90	133	-.422	.164	.047	-1.212	90	237	-.293	.079	-.087	-.766	90	335	-.211	.156	.185	-.869
90	134	-.334	.158	-.096	-1.326	90	238	-.322	.068	-.058	-.619	90	336	-.415	.221	.243	-1.127
90	135	-.423	.175	-.064	-1.595	90	239	-.277	.065	-.032	-.532	90	337	-.712	.201	.124	-1.586
90	136	-.332	.084	-.120	-.690	90	240	-.264	.094	-.086	-.706	90	338	-.621	.148	.203	-1.278
90	137	-.442	.102	-.065	-.842	90	241	-.365	.127	.141	-1.171	90	339	-.608	.148	.181	-1.335
90	138	-.557	.179	-.137	-1.504	90	242	-.477	.165	-.058	-1.494	90	340	-.124	.074	.131	-.523
90	139	-.664	.195	-.198	-1.683	90	243	-.336	.084	-.094	-.765	90	341	-.077	.188	.828	-.560
90	140	-.599	.218	-.102	-1.925	90	244	-.335	.087	-.101	-.734	90	342	-.197	.070	.037	-.587
90	141	-.373	.174	.224	-1.395	90	245	-.318	.087	-.065	-.715	90	343	-.218	.077	.008	-.571
90	142	-.259	.117	.091	-1.181	90	246	-.364	.091	-.019	-.814	90	344	-.123	.070	.192	-.577
90	143	-.345	.087	-.066	-.864	90	247	-.323	.093	-.061	-.839	90	345	-.151	.086	.382	-.612
90	144	-.295	.082	-.027	-.987	90	248	-.332	.109	.031	-1.104	90	346	-.146	.158	.282	-.857
90	145	-.327	.088	-.073	-.687	90	249	-.238	.080	-.120	-.688	90	347	-.546	.264	.391	-1.592
90	146	-.289	.111	-.078	-.829	90	250	-.296	.095	-.010	-.797	90	348	-.709	.226	.160	-1.750
90	201	-.351	.122	-.003	-1.036	90	251	-.303	.115	.019	-1.260	90	349	-.744	.218	.210	-1.835
90	202	-.352	.115	-.004	-.944	90	252	-.204	.081	.066	-.740	90	350	-.160	.052	.129	-.391
90	203	-.343	.092	-.026	-.746	90	301	-.286	.147	.334	-.933	90	351	-.308	.132	.081	-.919
90	204	-.313	.077	-.049	-.649	90	302	-.347	.118	.188	-.877	90	352	-.453	.284	.390	-2.031
90	205	-.393	.085	-.128	-.800	90	303	-.344	.120	.157	-.850	90	353	-.541	.357	.283	-2.379
90	206	-.325	.094	-.006	-.733	90	304	-.318	.136	.199	-.921	90	354	-.511	.279	.177	-1.929
90	207	-.330	.104	-.019	-.842	90	305	-.396	.168	.141	-1.116	90	355	-.113	.085	.379	-.448
90	208	-.342	.118	-.024	-1.025	90	306	-.377	.159	.146	-1.077	90	356	-.151	.051	.078	-.400
90	209	-.410	.106	-.141	-1.073	90	307	-.529	.166	.088	-1.268	90	357	-.207	.052	.024	-.473
90	210	-.315	.073	-.122	-.774	90	308	-.535	.120	-.126	-1.510	90	358	-.146	.053	.124	-.443
90	211	-.307	.056	-.112	-.526	90	309	-.554	.084	-.256	-.943	90	359	-.139	.066	.173	-.448
90	212	-.320	.065	-.135	-.580	90	310	-.308	.081	-.223	-.899	90	360	-.182	.098	.245	-.743
90	213	-.395	.071	-.162	-.694	90	311	-.326	.150	.333	-1.036	90	361	-.269	.121	.116	-.896
90	214	-.323	.081	-.061	-.713	90	312	-.310	.104	.010	-.722	90	362	-.025	.124	.473	-.782
90	215	-.356	.105	-.013	-.819	90	313	-.346	.100	-.022	-.738	90	401	-.011	.107	.391	-.399
90	216	-.306	.083	-.067	-.860	90	314	-.326	.104	-.005	-.718	90	402	.086	.119	.526	-.333

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	403	.106	.111	.471	-.292	90	453	.081	.096	.471	-.268	90	625	-.134	.088	.249	-.642
90	404	.048	.113	.471	-.350	90	454	.199	.094	.613	-.068	90	626	-.113	.066	.136	-.526
90	405	.107	.112	.534	-.389	90	455	.231	.090	.534	-.033	90	627	-.087	.053	.120	-.304
90	406	.119	.113	.683	-.256	90	456	.186	.098	.718	-.060	90	628	-.102	.130	.411	-.635
90	407	.384	.093	.021	-.737	90	457	.295	.109	.753	.021	90	701	-.446	.161	.286	-1.205
90	408	.192	.104	.159	-.574	90	458	.334	.125	.921	.006	90	702	-.577	.108	.233	-1.088
90	409	.243	.084	.064	-.598	90	459	.305	.116	.835	.001	90	703	-.358	.100	.143	-.940
90	410	.234	.124	.669	-.247	90	460	.233	.115	.718	-.068	90	704	-.320	.093	.089	-.916
90	411	.062	.102	.476	-.255	90	461	.239	.112	.728	-.029	90	705	-.567	.112	.235	-1.058
90	412	.232	.132	.690	-.170	90	462	.278	.121	.818	.001	90	706	-.567	.112	.190	-1.121
90	413	.473	.150	.886	-.004	90	463	.201	.117	.759	-.084	90	707	-.332	.087	.013	-.858
90	414	.475	.149	.933	-.112	90	501	.015	.072	.359	-.276	90	708	-.254	.068	.006	-.566
90	415	.429	.142	.840	-.060	90	502	.053	.113	.430	-.419	90	709	-.448	.147	.164	-1.265
90	416	.330	.136	.743	-.135	90	503	.026	.134	.439	-.598	90	710	-.360	.112	-.115	-1.096
90	417	.058	.111	.293	-.432	90	504	.091	.175	.871	-.502	90	711	-.334	.092	-.090	-.984
90	418	.266	.123	.748	-.115	90	505	.112	.248	.696	-.896	90	712	-.568	.101	-.096	-.996
90	419	.180	.109	.571	-.153	90	506	.040	.154	.622	-.736	90	713	-.336	.134	.153	-.994
90	420	.438	.169	.094	-.088	90	507	.041	.132	.648	-.568	90	714	-.446	.147	.101	-1.171
90	421	.345	.135	.826	-.079	90	508	.146	.117	.678	-.257	90	715	-.596	.137	-.164	-1.274
90	422	.014	.102	.408	-.394	90	509	.239	.115	.716	-.027	90	716	-.562	.107	-.275	-1.093
90	423	.196	.118	.661	-.189	90	510	.296	.127	.807	-.009	100	101	-.434	.081	-.208	-.807
90	424	.419	.152	.907	-.052	90	511	.012	.115	.479	-.498	100	102	-.421	.082	-.203	-.843
90	425	.469	.148	.927	-.074	90	512	.166	.101	.671	-.115	100	103	-.536	.095	-.261	-1.306
90	426	.432	.133	.823	-.091	90	513	.266	.114	.740	-.008	100	104	-.496	.133	-.009	-1.246
90	427	.407	.127	.808	-.072	90	514	.291	.126	.908	.011	100	105	-.476	.114	-.073	-.983
90	428	.195	.109	.560	-.125	90	515	.271	.113	.730	.009	100	106	-.452	.166	-.156	-1.363
90	429	.289	.110	.630	-.001	90	516	.217	.094	.622	-.014	100	107	-.465	.190	-.068	-1.606
90	430	.434	.151	.977	-.001	90	517	.191	.132	.718	-.303	100	108	-.417	.081	-.202	-.933
90	431	.321	.124	.732	-.028	90	601	.196	.056	.038	-.664	100	109	-.419	.082	-.181	-.947
90	432	.141	.106	.291	-.482	90	602	.243	.075	.024	-.663	100	110	-.414	.088	-.173	-1.074
90	433	.083	.106	.544	-.190	90	603	.136	.057	.123	-.457	100	111	-.549	.126	-.173	-1.472
90	434	.346	.125	.779	-.035	90	604	.158	.095	.184	-.638	100	112	-.454	.124	-.029	-1.048
90	435	.390	.126	.791	-.048	90	605	.296	.128	.105	-1.005	100	113	-.496	.170	-.038	-1.440
90	436	.296	.127	.770	-.021	90	607	.265	.094	.014	-.987	100	114	-.493	.191	-.075	-1.619
90	437	.286	.117	.763	-.024	90	608	.177	.066	.125	-.606	100	115	-.481	.080	-.183	-1.078
90	438	.186	.101	.582	-.071	90	610	.165	.066	.101	-.640	100	116	-.409	.080	-.107	-1.010
90	439	.238	.104	.588	-.026	90	611	.140	.075	.196	-.657	100	117	-.429	.087	-.154	-1.010
90	440	.317	.146	.837	-.115	90	612	.212	.101	.071	-.736	100	118	-.455	.113	-.047	-1.004
90	441	.222	.107	.625	-.039	90	613	.315	.140	.014	-1.873	100	119	-.550	.114	-.152	-1.314
90	442	.178	.120	.288	-.591	90	614	.324	.175	.193	-1.220	100	120	-.516	.161	-.076	-1.102
90	443	.054	.102	.493	-.273	90	615	.333	.157	.082	-1.545	100	121	-.542	.175	-.073	-1.317
90	444	.247	.113	.695	-.118	90	616	.405	.213	.352	-1.609	100	122	-.429	.088	-.183	-.866
90	445	.302	.115	.731	-.024	90	617	.231	.112	.766	-.037	100	123	-.528	.095	-.258	-1.013
90	446	.236	.112	.722	-.039	90	618	.145	.080	.161	-.904	100	124	-.464	.096	-.197	-1.089
90	447	.223	.106	.652	-.031	90	619	.166	.056	.000	-.572	100	125	-.514	.119	-.127	-1.339
90	448	.139	.093	.506	-.113	90	620	.175	.111	.243	-1.093	100	126	-.481	.119	-.012	-1.185
90	449	.176	.091	.502	-.062	90	621	.461	.187	.187	-1.596	100	127	-.604	.170	-.079	-1.612
90	450	.206	.130	.707	-.215	90	622	.121	.076	.188	-.469	100	128	-.537	.175	-.004	-1.462
90	451	.013	.107	.412	-.444	90	623	.148	.073	.188	-.466	100	129	-.510	.109	-.257	-1.050
90	452	.054	.095	.508	-.260	90	624	.014	.092	.462	-.310	100	130	-.491	.108	-.243	-1.074

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
100	131	-.399	.120	-.315	-1.311	100	235	-.384	.080	-.171	-.807	100	333	-.265	.093	.005	-.746
100	132	-.538	.138	-.176	-1.254	100	236	-.360	.086	-.089	-.897	100	334	-.145	.090	.206	-.866
100	133	-.503	.141	-.013	-1.300	100	237	-.336	.081	-.058	-.652	100	335	-.131	.108	.231	-.624
100	134	-.440	.160	-.069	-1.228	100	238	-.411	.091	-.100	-.785	100	336	-.196	.202	.315	-1.061
100	135	-.546	.186	-.090	-1.397	100	239	-.378	.083	-.012	-.725	100	337	-.550	.266	.213	-1.571
100	136	-.371	.085	-.089	-.814	100	240	-.388	.091	-.051	-.861	100	338	-.557	.176	-.035	-1.755
100	137	-.404	.120	-.092	-.964	100	241	-.395	.103	-.128	-.829	100	339	-.539	.177	-.049	-1.411
100	138	-.463	.151	-.122	-1.544	100	242	-.466	.117	-.191	-1.072	100	340	-.112	.055	.121	-.366
100	139	-.562	.164	-.188	-2.037	100	243	-.360	.087	-.129	-.750	100	341	-.023	.161	.744	-.450
100	140	-.492	.158	-.153	-1.586	100	244	-.343	.092	-.029	-.828	100	342	-.171	.054	.015	-.496
100	141	-.429	.135	-.133	-1.128	100	245	-.319	.091	-.068	-.754	100	343	-.177	.060	.022	-.553
100	142	-.342	.123	-.182	-1.323	100	246	-.358	.093	-.091	-.795	100	344	-.103	.053	.182	-.414
100	143	-.403	.108	-.068	-1.156	100	247	-.335	.095	-.006	-.790	100	345	-.128	.062	.169	-.436
100	144	-.337	.105	-.035	-1.095	100	248	-.368	.092	-.084	-.753	100	346	-.051	.102	.330	-.879
100	145	-.331	.096	-.021	-.824	100	249	-.348	.084	-.040	-.675	100	347	-.320	.260	.385	-1.378
100	146	-.351	.134	-.031	-1.120	100	250	-.286	.091	-.000	-.796	100	348	-.533	.240	.153	-2.016
100	201	-.393	.108	-.062	-1.437	100	251	-.245	.072	-.064	-.551	100	349	-.576	.227	-.044	-2.305
100	202	-.392	.108	-.061	-1.120	100	252	-.217	.074	-.108	-.589	100	350	-.153	.045	-.005	-.343
100	203	-.368	.092	-.107	-1.612	100	301	-.133	.153	-.461	-.766	100	351	-.189	.116	.193	-.783
100	204	-.330	.085	-.070	-.788	100	302	-.304	.109	-.179	-.782	100	352	-.231	.253	.427	-1.352
100	205	-.421	.086	-.129	-.803	100	303	-.255	.105	-.127	-.653	100	353	-.287	.308	.468	-2.053
100	206	-.339	.080	-.063	-.665	100	304	-.240	.113	-.131	-.674	100	354	-.294	.248	.400	-1.984
100	207	-.340	.083	-.038	-.657	100	305	-.278	.123	-.088	-.971	100	355	-.067	.085	.366	-.352
100	208	-.371	.093	-.024	-1.054	100	306	-.249	.129	-.144	-1.092	100	356	-.140	.041	.003	-.342
100	209	-.439	.087	-.116	-1.044	100	307	-.377	.170	-.179	-1.013	100	357	-.198	.042	-.054	-.367
100	210	-.346	.066	-.120	-.691	100	308	-.550	.152	-.046	-1.515	100	358	-.122	.041	.020	-.258
100	211	-.366	.071	-.164	-.684	100	309	-.614	.108	-.213	-1.155	100	359	-.101	.051	.094	-.387
100	212	-.351	.070	-.159	-.722	100	310	-.560	.101	-.169	-1.023	100	360	-.072	.072	.188	-.386
100	213	-.420	.072	-.217	-.660	100	311	-.134	.196	-.629	-.840	100	361	-.148	.107	.203	-.783
100	214	-.346	.074	-.143	-.603	100	312	-.221	.084	-.068	-.514	100	362	-.056	.115	.579	-.695
100	215	-.366	.082	-.113	-.847	100	313	-.253	.082	-.010	-.570	100	401	-.086	.121	.546	-.396
100	216	-.325	.064	-.065	-.552	100	314	-.244	.083	-.042	-.529	100	402	-.146	.127	.544	-.258
100	217	-.411	.063	-.181	-.681	100	315	-.247	.120	-.265	-.944	100	403	-.095	.110	.503	-.306
100	218	-.360	.067	-.189	-.611	100	316	-.246	.138	-.180	-.870	100	404	-.019	.111	.437	-.321
100	219	-.336	.065	-.139	-.601	100	317	-.413	.185	-.117	-1.025	100	405	-.055	.113	.575	-.287
100	220	-.306	.065	-.095	-.617	100	318	-.548	.149	-.005	-1.110	100	406	-.066	.106	.488	-.294
100	221	-.394	.074	-.157	-.751	100	319	-.548	.106	-.153	-1.018	100	407	-.446	.103	-.107	-.817
100	222	-.381	.086	-.104	-.781	100	320	-.513	.104	-.140	-.962	100	408	-.174	.112	.249	-.541
100	223	-.356	.070	-.080	-.758	100	321	-.119	.198	-.599	-.807	100	409	-.265	.077	.036	-.551
100	224	-.327	.062	-.158	-.532	100	322	-.240	.098	-.047	-.633	100	410	-.234	.126	.693	-.157
100	225	-.444	.073	-.220	-.689	100	323	-.252	.102	-.015	-.729	100	411	-.149	.115	.618	-.219
100	226	-.369	.071	-.117	-.626	100	324	-.208	.132	-.131	-.916	100	412	-.308	.142	.794	-.128
100	227	-.358	.072	-.159	-.645	100	325	-.266	.153	-.117	-1.040	100	413	-.476	.149	.960	-.023
100	228	-.335	.073	-.130	-.620	100	326	-.331	.209	-.261	-1.395	100	414	-.440	.147	.922	-.053
100	229	-.481	.110	-.086	-.997	100	327	-.552	.185	-.273	-1.501	100	415	-.366	.133	.824	-.052
100	230	-.354	.084	-.075	-.668	100	328	-.516	.130	-.114	-1.592	100	416	-.256	.122	.672	-.106
100	231	-.347	.074	-.011	-.642	100	329	-.570	.129	-.164	-1.554	100	417	-.140	.094	.206	-.490
100	232	-.381	.077	-.108	-.757	100	330	-.185	.082	-.144	-.549	100	418	-.234	.121	.689	-.155
100	233	-.380	.081	-.191	-.843	100	331	-.079	.190	-.904	-.520	100	419	-.105	.100	.435	-.243
100	234	-.428	.082	-.213	-.922	100	332	-.188	.081	-.056	-.603	100	420	-.431	.166	1.310	-.106

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	421	.299	.124	.770	-.014	100	508	.160	.106	.752	-.132	100	715	-.610	.141	-.114	-1.157
100	422	.074	.118	.469	-.369	100	509	.237	.102	.763	-.003	100	716	-.627	.125	-.269	-1.304
100	423	.273	.133	.759	-.145	100	510	.284	.115	.742	-.007	110	101	-.386	.062	-.182	-.753
100	424	.434	.161	.984	-.010	100	511	.025	.112	.508	-.557	110	102	-.373	.063	-.181	-.719
100	425	.444	.148	.921	.038	100	512	.194	.098	.663	-.094	110	103	-.491	.072	-.292	-1.072
100	426	.352	.125	.860	.001	100	513	.280	.114	.815	.017	110	104	-.440	.085	-.141	-1.077
100	427	.324	.116	.788	-.004	100	514	.308	.123	.843	.038	110	105	-.434	.078	-.192	-.859
100	428	.115	.093	.505	-.169	100	515	.291	.111	.786	.039	110	106	-.425	.139	-.110	-1.629
100	429	.206	.097	.568	-.095	100	516	.237	.086	.583	-.007	110	107	-.453	.169	-.040	-1.756
100	430	.429	.157	1.002	-.048	100	517	.264	.120	.739	-.194	110	108	-.366	.057	-.170	-.608
100	431	.267	.112	.733	-.030	100	601	-.184	.046	-.013	-.554	110	109	-.381	.060	-.152	-.647
100	432	-.003	.122	.540	-.404	100	602	-.239	.058	-.048	-.465	110	110	-.370	.059	-.153	-.651
100	433	.192	.124	.659	-.216	100	603	-.110	.046	.059	-.404	110	111	-.499	.072	-.282	-1.009
100	434	.374	.124	.823	.032	100	604	-.075	.069	.145	-.506	110	112	-.434	.077	-.191	-.857
100	435	.381	.120	.793	.044	100	605	-.176	.111	.209	-.931	110	113	-.468	.127	-.197	-1.237
100	436	.264	.118	.750	-.074	100	607	-.344	.104	-.035	-.933	110	114	-.468	.144	-.141	-1.331
100	437	.251	.107	.699	-.041	100	608	-.159	.062	.086	-.467	110	115	-.466	.059	-.269	-.813
100	438	.146	.091	.488	-.126	100	610	-.139	.063	.135	-.450	110	116	-.392	.059	-.204	-.743
100	439	.193	.091	.519	-.061	100	611	-.076	.074	.230	-.437	110	117	-.387	.056	-.170	-.671
100	440	.328	.149	.855	-.118	100	612	-.122	.073	.083	-.487	110	118	-.398	.059	-.196	-.654
100	441	.193	.097	.548	-.058	100	613	-.219	.111	.110	-.042	110	119	-.515	.067	-.303	-.852
100	442	-.024	.134	.525	-.454	100	614	-.172	.144	.374	-.105	110	120	-.472	.105	-.240	-1.180
100	443	.139	.118	.661	-.181	100	615	-.200	.131	.153	-.952	110	121	-.492	.118	-.088	-1.131
100	444	.233	.118	.669	-.094	100	616	-.172	.194	.449	-.973	110	122	-.408	.060	-.227	-.639
100	445	.260	.111	.721	-.026	100	617	-.230	.104	.697	-.009	110	123	-.508	.064	-.313	-.737
100	446	.199	.102	.712	-.022	100	618	-.140	.076	.145	-.512	110	124	-.438	.063	-.250	-.667
100	447	.181	.099	.567	-.094	100	619	-.148	.047	.009	-.303	110	125	-.481	.072	-.273	-.795
100	448	.103	.087	.488	-.113	100	620	-.068	.088	.267	-.786	110	126	-.471	.080	-.232	-.871
100	449	.137	.084	.499	-.068	100	621	-.269	.174	.223	-.1376	110	127	-.594	.115	-.276	-1.182
100	450	.184	.133	.750	-.225	100	622	-.097	.075	.217	-.408	110	128	-.528	.123	-.149	-1.424
100	451	.087	.103	.512	-.258	100	623	-.129	.073	.277	-.409	110	129	-.473	.078	-.244	-.879
100	452	.110	.103	.581	-.199	100	624	-.017	.079	.429	-.209	110	130	-.454	.077	-.227	-.856
100	453	.130	.098	.514	-.265	100	625	-.038	.091	.302	-.460	110	131	-.560	.085	-.321	-1.004
100	454	.210	.098	.667	-.029	100	626	-.084	.067	.230	-.396	110	132	-.504	.100	-.255	-1.033
100	455	.198	.087	.553	-.054	100	627	-.047	.052	.162	-.282	110	133	-.501	.108	-.209	-1.277
100	456	.213	.095	.755	-.023	100	628	-.033	.115	.407	-.587	110	134	-.468	.120	-.186	-1.334
100	457	.314	.108	.842	.065	100	701	-.456	.135	.085	-1.098	110	135	-.581	.144	-.282	-1.839
100	458	.343	.124	.974	.053	100	702	-.491	.082	-.258	-.985	110	136	-.407	.081	-.144	-1.015
100	459	.296	.112	.733	-.028	100	703	-.413	.109	-.109	-.994	110	137	-.451	.110	-.053	-1.035
100	460	.216	.111	.652	-.072	100	704	-.361	.105	-.116	-1.042	110	138	-.405	.106	-.133	-1.136
100	461	.204	.105	.635	-.068	100	705	-.550	.118	-.108	-1.020	110	139	-.502	.113	-.219	-1.339
100	462	.196	.109	.754	-.091	100	706	-.570	.108	-.243	-1.057	110	140	-.430	.109	-.154	-1.660
100	463	.224	.138	.858	-.181	100	707	-.404	.082	-.197	-.737	110	141	-.455	.103	-.160	-1.383
100	501	.063	.068	.353	-.170	100	708	-.343	.076	-.064	-.685	110	142	-.409	.110	-.228	-1.154
100	502	.094	.102	.495	-.455	100	709	-.382	.121	-.100	-1.135	110	143	-.471	.125	-.075	-1.475
100	503	.083	.131	.485	-.398	100	710	-.420	.093	-.196	-.808	110	144	-.395	.137	-.046	-1.675
100	504	.121	.156	.710	-.376	100	711	-.409	.088	-.176	-.811	110	145	-.347	.097	-.011	-.773
100	505	-.025	.224	.697	-.813	100	712	-.602	.114	-.274	-1.048	110	146	-.390	.129	-.023	-1.119
100	506	.020	.147	.622	-.727	100	713	-.317	.120	.261	-.734	110	201	-.401	.128	-.070	-1.827
100	507	.068	.129	.577	-.574	100	714	-.394	.143	.135	-.924	110	202	-.394	.126	-.025	-1.582

APPENDIX A -- PRESSURE DATA:

CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	203	-.411	.148	-.036	-1.647	110	301	-.077	.156	-.694	-.417	110	351	-.036	.113	-.328	-.601
110	204	-.404	.117	-.138	-1.232	110	302	-.352	.092	-.037	-.669	110	352	-.008	.194	-.512	-1.035
110	205	-.478	.078	-.219	-.821	110	303	-.230	.074	-.058	-.488	110	353	-.052	.223	-.480	-1.276
110	206	-.383	.069	-.185	-.639	110	304	-.277	.091	-.002	-.610	110	354	-.075	.196	-.423	-1.326
110	207	-.372	.066	-.150	-.671	110	305	-.244	.060	-.010	-.613	110	355	-.048	.089	-.399	-.265
110	208	-.366	.080	-.105	-.906	110	306	-.186	.058	-.035	-.514	110	356	-.132	.035	-.003	-.317
110	209	-.451	.078	-.219	-.829	110	307	-.174	.079	-.063	-.725	110	357	-.190	.036	-.059	-.380
110	210	-.388	.076	-.128	-.779	110	308	-.279	.168	-.133	-1.049	110	358	-.105	.037	-.032	-.219
110	211	-.397	.075	-.224	-.726	110	309	-.617	.142	-.042	-1.328	110	359	-.071	.043	-.104	-.251
110	212	-.413	.069	-.239	-.628	110	310	-.558	.127	-.169	-1.258	110	360	-.008	.067	-.220	-.294
110	213	-.441	.063	-.276	-.719	110	311	-.187	.198	-.877	-.508	110	361	-.028	.113	-.347	-.596
110	214	-.361	.061	-.204	-.641	110	312	-.210	.058	-.012	-.426	110	362	-.138	.099	-.600	-.234
110	215	-.379	.067	-.084	-.656	110	313	-.202	.049	-.007	-.442	110	401	-.170	.131	-.625	-.337
110	216	-.349	.063	-.110	-.583	110	314	-.257	.065	-.003	-.509	110	402	-.194	.137	-.675	-.265
110	217	-.471	.067	-.242	-.713	110	315	-.197	.048	-.047	-.445	110	403	-.077	.109	-.547	-.315
110	218	-.421	.067	-.230	-.740	110	316	-.135	.053	-.124	-.504	110	404	-.016	.099	-.436	-.378
110	219	-.404	.063	-.246	-.629	110	317	-.136	.091	-.236	-.687	110	405	-.006	.093	-.389	-.444
110	220	-.365	.060	-.204	-.580	110	318	-.233	.218	-.209	-1.049	110	406	-.006	.094	-.309	-.318
110	221	-.459	.066	-.287	-.695	110	319	-.486	.124	-.193	-1.066	110	407	-.469	.090	-.149	-.801
110	222	-.407	.067	-.118	-.714	110	320	-.447	.118	-.163	-1.059	110	408	-.180	.116	-.226	-.544
110	223	-.387	.062	-.125	-.743	110	321	-.037	.164	-.675	-.488	110	409	-.292	.070	-.021	-.623
110	224	-.372	.063	-.164	-.704	110	322	-.181	.049	-.005	-.460	110	410	-.242	.139	-.751	-.401
110	225	-.494	.074	-.300	-.834	110	323	-.192	.048	-.037	-.488	110	411	-.277	.140	-.823	-.151
110	226	-.407	.068	-.245	-.719	110	324	-.134	.053	-.107	-.528	110	412	-.394	.161	-.967	-.045
110	227	-.413	.065	-.219	-.696	110	325	-.167	.064	-.061	-.682	110	413	-.465	.153	-.904	-.038
110	228	-.389	.065	-.201	-.664	110	326	-.086	.114	-.189	-.731	110	414	-.402	.135	-.963	-.006
110	229	-.528	.079	-.216	-.933	110	327	-.255	.250	-.264	-1.270	110	415	-.298	.118	-.705	-.050
110	230	-.418	.066	-.200	-.817	110	328	-.413	.168	-.158	-1.216	110	416	-.172	.106	-.510	-.139
110	231	-.433	.069	-.178	-.680	110	329	-.465	.162	-.010	-1.212	110	417	-.225	.081	-.148	-.554
110	232	-.458	.075	-.306	-.782	110	330	-.149	.045	-.107	-.363	110	418	-.194	.120	-.689	-.219
110	233	-.442	.074	-.269	-.737	110	331	-.091	.149	-.945	-.445	110	419	-.026	.093	-.361	-.286
110	234	-.496	.076	-.307	-.810	110	332	-.145	.045	-.009	-.453	110	420	-.419	.168	1.204	-.176
110	235	-.449	.074	-.258	-.746	110	333	-.211	.049	-.076	-.550	110	421	-.230	.108	-.772	-.088
110	236	-.417	.095	-.151	-.964	110	334	-.123	.051	-.154	-.408	110	422	-.241	.136	-.792	-.156
110	237	-.386	.090	-.051	-.882	110	335	-.096	.057	-.143	-.457	110	423	-.398	.145	-.895	-.042
110	238	-.522	.093	-.285	-.964	110	336	-.014	.105	-.259	-.620	110	424	-.447	.153	1.004	-.012
110	239	-.460	.074	-.296	-.751	110	337	-.197	.240	-.368	-1.224	110	425	-.399	.132	-.822	-.014
110	240	-.463	.078	-.293	-.850	110	338	-.380	.198	-.306	-1.499	110	426	-.285	.106	-.675	-.039
110	241	-.442	.084	-.254	-.848	110	339	-.361	.172	-.191	-1.496	110	427	-.252	.097	-.608	-.045
110	242	-.510	.089	-.312	-.950	110	340	-.113	.039	-.054	-.327	110	428	-.033	.082	-.355	-.245
110	243	-.411	.078	-.201	-.738	110	341	-.027	.127	-.611	-.405	110	429	-.119	.081	-.424	-.193
110	244	-.376	.104	-.013	-.938	110	342	-.153	.039	-.020	-.358	110	430	-.431	.171	1.153	-.094
110	245	-.346	.098	-.017	-.826	110	343	-.157	.043	-.001	-.393	110	431	-.205	.096	-.562	-.137
110	246	-.385	.095	-.056	-.812	110	344	-.089	.045	-.104	-.334	110	432	-.129	.131	-.755	-.238
110	247	-.408	.080	-.036	-.713	110	345	-.114	.052	-.125	-.410	110	433	-.272	.131	-.785	-.098
110	248	-.481	.080	-.244	-.880	110	346	-.063	.075	-.259	-.418	110	434	-.372	.133	-.880	-.009
110	249	-.452	.082	-.252	-.822	110	347	-.071	.188	-.338	-.919	110	435	-.345	.116	-.886	-.054
110	250	-.346	.076	-.077	-.659	110	348	-.268	.220	-.405	-1.352	110	436	-.206	.105	-.636	-.065
110	251	-.349	.064	-.054	-.657	110	349	-.329	.200	-.358	-1.352	110	437	-.193	.093	-.553	-.036
110	252	-.301	.071	-.037	-.560	110	350	-.148	.037	-.017	-.296	110	438	-.073	.075	-.325	-.172

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	439	.113	.075	.366	.129	110	611	.009	.078	.285	-.257	120	117	-.395	.047	-.247	-.562
110	440	.280	.152	.875	-.131	110	612	-.054	.068	.225	-.429	120	118	-.397	.046	-.251	-.595
110	441	.119	.081	.471	-.081	110	613	-.099	.119	.337	-.715	120	119	-.516	.054	-.315	-.777
110	442	.103	.123	.685	-.265	110	614	-.013	.137	.470	-.633	120	120	-.457	.079	-.241	-.811
110	443	.213	.113	.726	-.086	110	615	-.044	.122	.432	-.630	120	121	-.461	.082	-.208	-.988
110	444	.238	.114	.616	-.033	110	616	.033	.168	.644	-.724	120	122	-.401	.048	-.246	-.600
110	445	.245	.104	.685	-.029	110	617	.227	.103	.587	-.603	120	123	-.506	.051	-.336	-.727
110	446	.173	.097	.537	-.051	110	618	-.167	.084	.114	-.488	120	124	-.427	.049	-.270	-.643
110	447	.150	.086	.463	-.076	110	619	-.145	.044	.059	-.295	120	125	-.461	.056	-.309	-.749
110	448	.077	.082	.414	-.176	110	620	.021	.077	.394	-.280	120	126	-.448	.062	-.286	-.869
110	449	.111	.079	.424	-.091	110	621	-.066	.169	.483	-.773	120	127	-.573	.083	-.380	-.980
110	450	.142	.133	.677	-.213	110	622	-.079	.071	.237	-.390	120	128	-.495	.086	-.270	-.940
110	451	.157	.095	.567	.298	110	623	-.126	.069	.261	-.478	120	129	-.444	.060	-.272	-.774
110	452	.146	.100	.552	-.218	110	624	-.039	.070	.428	-.189	120	130	-.422	.058	-.258	-.738
110	453	.171	.090	.491	.106	110	625	.041	.084	.349	-.285	120	131	-.530	.063	-.364	-.863
110	454	.226	.090	.673	-.003	110	626	-.066	.064	.225	-.289	120	132	-.461	.064	-.300	-.875
110	455	.146	.075	.477	-.050	110	627	-.003	.054	.216	-.171	120	133	-.473	.079	-.270	-.1.039
110	456	.240	.098	.668	-.018	110	628	.074	.102	.376	-.488	120	134	-.450	.087	-.075	-.1.078
110	457	.324	.116	.832	-.026	110	701	-.399	.105	.147	-.943	120	135	-.567	.111	-.239	-.1.280
110	458	.300	.118	.870	.044	110	702	-.462	.072	-.233	-.934	120	136	-.398	.069	-.156	-.718
110	459	.241	.100	.816	.016	110	703	-.477	.102	-.246	-.948	120	137	-.439	.079	-.080	-.857
110	460	.152	.097	.685	-.067	110	704	-.450	.105	-.216	-.981	120	138	-.393	.077	-.173	-.768
110	461	.135	.086	.620	-.131	110	705	-.504	.124	-.065	-.975	120	139	-.494	.082	-.260	-.891
110	462	.140	.086	.520	-.108	110	706	-.566	.109	-.243	-.1.078	120	140	-.414	.075	-.200	-.785
110	463	.258	.157	.818	-.086	110	707	-.459	.075	-.279	-.751	120	141	-.435	.084	-.223	-.1.133
110	501	.116	.081	.617	-.102	110	708	-.413	.071	-.161	-.729	120	142	-.411	.096	-.027	-.1.015
110	502	.135	.096	.497	-.336	110	709	-.215	.127	-.229	-.679	120	143	-.481	.112	-.127	-.1.077
110	503	.155	.108	.646	-.287	110	710	-.461	.081	-.278	-.830	120	144	-.396	.128	-.001	-.1.344
110	504	.139	.124	.782	-.323	110	711	-.497	.074	-.282	-.788	120	145	-.350	.093	.018	-.727
110	505	.076	.177	.783	-.555	110	712	-.586	.107	-.174	-.1.017	120	146	-.371	.109	.066	-.887
110	506	.089	.127	.655	-.436	110	713	-.340	.092	-.131	-.670	120	201	-.367	.110	-.126	-.1.659
110	507	.098	.113	.576	-.631	110	714	-.352	.101	-.010	-.860	120	202	-.353	.102	-.089	-.1.783
110	508	.174	.099	.592	-.069	110	715	-.605	.134	-.103	-.1.106	120	203	-.350	.078	-.161	-.1.096
110	509	.235	.103	.676	-.035	110	716	-.676	.134	-.310	-.1.255	120	204	-.339	.057	-.170	-.562
110	510	.268	.120	.767	-.022	120	101	-.357	.052	-.193	-.572	120	205	-.430	.052	-.250	-.602
110	511	.069	.106	.521	-.467	120	102	-.342	.052	-.175	-.580	120	206	-.339	.046	-.146	-.517
110	512	.186	.093	.722	-.052	120	103	-.457	.054	-.265	-.769	120	207	-.334	.050	-.196	-.543
110	513	.244	.105	.681	-.015	120	104	-.396	.063	-.218	-.806	120	208	-.344	.065	-.148	-.766
110	514	.267	.114	.745	-.031	120	105	-.404	.058	-.198	-.693	120	209	-.429	.061	-.231	-.795
110	515	.263	.105	.711	-.044	120	106	-.410	.115	-.117	-.1.341	120	210	-.350	.052	-.203	-.589
110	516	.240	.088	.563	-.048	120	107	-.434	.139	-.149	-.1.770	120	211	-.360	.049	-.193	-.513
110	517	.299	.117	.716	-.028	120	108	-.354	.044	-.200	-.553	120	212	-.377	.053	-.233	-.548
110	601	-.167	.041	-.020	-.343	120	109	-.362	.046	-.171	-.589	120	213	-.420	.045	-.255	-.571
110	602	-.243	.050	-.074	-.407	120	110	-.349	.044	-.138	-.590	120	214	-.338	.044	-.179	-.496
110	603	-.091	.042	-.102	-.249	120	111	-.473	.051	-.291	-.698	120	215	-.382	.055	-.126	-.668
110	604	-.007	.065	-.210	-.288	120	112	-.405	.059	-.241	-.710	120	216	-.345	.052	-.150	-.550
110	605	-.042	.113	-.313	-.494	120	113	-.426	.099	-.218	-.687	120	217	-.349	.053	-.283	-.683
110	607	-.420	.098	-.145	-.015	120	114	-.422	.111	-.175	-.982	120	218	-.378	.052	-.246	-.579
110	608	-.141	.061	-.146	-.372	120	115	-.456	.045	-.317	-.657	120	219	-.380	.048	-.238	-.545
110	610	-.100	.065	-.192	-.405	120	116	-.377	.044	-.236	-.576	120	220	-.347	.047	-.188	-.502

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
120	221	-.446	.051	-.257	-.620	120	319	-.193	.229	.547	-.838	120	407	-.436	.088	-.103	-.795
120	222	-.420	.055	-.236	-.664	120	320	-.175	.194	.632	-.774	120	408	-.170	.112	-.198	-.586
120	223	-.404	.054	-.206	-.606	120	321	-.206	.162	.827	-.213	120	409	-.294	.069	-.061	-.752
120	224	-.378	.057	-.138	-.608	120	322	-.132	.042	.007	-.294	120	410	-.263	.140	-.738	-.213
120	225	-.502	.060	-.320	-.711	120	323	-.155	.046	-.001	-.332	120	411	-.425	.156	-.850	-.035
120	226	-.409	.051	-.262	-.587	120	324	-.082	.039	.065	-.241	120	412	-.464	.163	-.902	.009
120	227	-.396	.052	-.225	-.574	120	325	-.105	.046	.066	-.286	120	413	-.423	.139	-.866	.019
120	228	-.372	.052	-.190	-.545	120	326	-.031	.060	.228	-.240	120	414	-.329	.124	-.767	-.051
120	229	-.525	.068	-.237	-.803	120	327	-.083	.125	.391	-.583	120	415	-.216	.105	-.647	-.142
120	230	-.422	.058	-.239	-.700	120	328	-.101	.224	.603	-.102	120	416	-.082	.093	-.433	-.219
120	231	-.426	.055	-.223	-.615	120	329	-.067	.203	.575	-.155	120	417	-.275	.068	-.014	-.490
120	232	-.452	.059	-.257	-.772	120	330	-.093	.044	.094	-.260	120	418	-.151	.113	-.596	-.188
120	233	-.422	.060	-.234	-.687	120	331	-.138	.140	.818	-.226	120	419	-.069	.079	-.259	-.333
120	234	-.479	.059	-.291	-.790	120	332	-.099	.037	.029	-.248	120	420	-.439	.178	1.170	-.125
120	235	-.431	.057	-.252	-.683	120	333	-.162	.038	-.032	-.318	120	421	-.151	.090	-.555	-.164
120	236	-.426	.090	-.027	-.883	120	334	-.075	.043	.104	-.235	120	422	-.341	.152	-.824	.084
120	237	-.395	.080	-.038	-.822	120	335	-.039	.047	.155	-.306	120	423	-.431	.152	-.877	.047
120	238	-.509	.078	-.311	1.111	120	336	-.085	.063	.335	-.263	120	424	-.384	.149	-.884	.001
120	239	-.450	.062	-.314	-.737	120	337	-.077	.121	.431	-.665	120	425	-.319	.123	-.707	-.006
120	240	-.440	.061	-.266	-.682	120	338	-.076	.217	.574	-.990	120	426	-.210	.092	-.543	.051
120	241	-.400	.065	-.217	-.651	120	339	-.073	.214	.707	-.897	120	427	-.175	.083	-.473	.100
120	242	-.467	.069	-.230	-.722	120	340	-.070	.045	.121	-.214	120	428	-.044	.072	-.183	.301
120	243	-.411	.067	-.171	-.740	120	341	-.027	.117	.731	-.316	120	429	-.034	.068	-.280	-.201
120	244	-.385	.114	-.070	1.013	120	342	-.107	.040	.064	-.238	120	430	-.440	.174	1.103	-.118
120	245	-.359	.099	-.046	-.947	120	343	-.111	.038	.074	-.292	120	431	-.130	.078	-.417	.108
120	246	-.399	.095	-.012	-.790	120	344	-.043	.044	.164	-.188	120	432	-.290	.156	-.939	.189
120	247	-.432	.067	-.019	-.772	120	345	-.066	.052	.174	-.242	120	433	-.370	.148	-.966	.044
120	248	-.482	.067	-.316	-.749	120	346	-.070	.072	.376	-.381	120	434	-.356	.132	-.893	.047
120	249	-.448	.069	-.272	-.721	120	347	-.127	.101	.403	-.592	120	435	-.287	.110	-.717	.023
120	250	-.358	.070	-.023	-.630	120	348	-.048	.191	.521	-.687	120	436	-.125	.094	-.485	-.122
120	251	-.373	.054	-.163	-.565	120	349	-.032	.188	.560	-.741	120	437	-.115	.081	-.420	.099
120	252	-.330	.061	-.041	-.535	120	350	-.096	.038	.040	-.218	120	438	-.032	.067	-.302	.173
120	301	-.296	.157	-.784	-.227	120	351	-.119	.124	.611	-.266	120	439	-.066	.066	-.311	.137
120	302	-.419	.072	-.121	-.653	120	352	-.160	.139	.521	-.398	120	440	-.266	.168	-.884	.159
120	303	-.220	.061	-.001	-.464	120	353	-.138	.119	.525	-.329	120	441	-.075	.070	-.410	.089
120	304	-.326	.069	-.075	-.682	120	354	-.112	.118	.530	-.620	120	442	-.194	.119	-.660	-.103
120	305	-.210	.045	-.039	-.443	120	355	-.014	.102	.551	-.233	120	443	-.257	.120	-.708	-.037
120	306	-.138	.045	-.047	-.312	120	356	-.078	.040	.056	-.210	120	444	-.215	.120	-.780	.035
120	307	-.111	.052	-.062	-.304	120	357	-.134	.041	.002	-.272	120	445	-.196	.101	-.622	.066
120	308	-.092	.068	-.130	-.658	120	358	-.045	.047	.129	-.178	120	446	-.103	.073	-.486	.127
120	309	-.395	.238	-.279	1.204	120	359	-.010	.054	.205	-.141	120	447	-.102	.073	-.390	.125
120	310	-.386	.180	-.436	1.099	120	360	-.082	.084	.424	-.220	120	448	-.006	.064	-.314	.209
120	311	-.403	.183	-.083	-.250	120	361	-.108	.131	.623	-.308	120	449	-.042	.060	-.335	.134
120	312	-.237	.054	-.072	-.419	120	362	-.194	.096	.697	-.182	120	450	-.129	.131	-.696	.187
120	313	-.133	.054	-.117	-.289	120	401	-.267	.144	.724	-.201	120	451	-.214	.097	-.616	.127
120	314	-.309	.058	-.064	-.500	120	402	-.215	.139	.719	-.297	120	452	-.190	.103	-.679	.137
120	315	-.147	.040	-.031	-.278	120	403	-.039	.103	.403	-.354	120	453	-.211	.093	-.642	.081
120	316	-.071	.046	-.157	-.236	120	404	-.050	.090	.270	-.382	120	454	-.197	.086	-.588	.004
120	317	-.027	.062	-.254	-.330	120	405	-.031	.082	.270	-.346	120	455	-.079	.062	-.304	.083
120	318	-.071	.100	-.394	-.775	120	406	-.045	.086	.278	-.352	120	456	-.207	.097	-.607	-.045

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING; ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	457	.272	.115	.682	-.091	120	701	-.247	.116	-.235	-.673	130	135	-.560	.085	-.347	-1.061
120	458	.260	.102	.746	-.001	120	702	-.431	.064	-.236	-.702	130	136	-.403	.060	-.209	-.673
120	459	.188	.083	.579	-.062	120	703	-.551	.122	-.208	-1.246	130	137	-.417	.068	-.098	-.710
120	460	.092	.080	.495	-.162	120	704	-.534	.126	-.209	-1.235	130	138	-.371	.066	-.143	-.706
120	461	.070	.069	.390	-.164	120	705	-.367	.110	-.035	-.797	130	139	-.475	.071	-.236	-.824
120	462	.078	.071	.424	-.146	120	706	-.508	.096	-.228	-.981	130	140	-.391	.065	-.180	-.652
120	463	.280	.153	.916	-.088	120	707	-.513	.088	-.285	-.953	130	141	-.419	.064	-.242	-.786
120	501	.230	.108	.720	-.088	120	708	-.453	.077	-.262	-.809	130	142	-.404	.082	-.181	-.971
120	502	.203	.095	.518	-.119	120	709	-.045	.090	-.235	-.497	130	143	-.489	.105	-.089	-1.296
120	503	.228	.104	.683	-.133	120	710	-.492	.081	-.293	-.869	130	144	-.398	.119	-.035	-1.718
120	504	.171	.096	.695	-.147	120	711	-.481	.060	-.306	-.825	130	145	-.370	.074	.013	-.658
120	505	.172	.117	.659	-.395	120	712	-.462	.138	-.014	-.940	130	146	-.371	.078	.094	-.686
120	506	.166	.106	.646	-.192	120	713	-.356	.068	-.043	-.636	130	201	-.325	.066	-.099	-1.103
120	507	.109	.096	.586	-.266	120	714	-.349	.076	-.104	-.654	130	202	-.321	.056	-.134	-.730
120	508	.187	.092	.626	-.102	120	715	-.638	.114	-.245	-1.144	130	203	-.331	.057	-.133	-.588
120	509	.242	.098	.688	-.000	120	716	-.844	.189	-.311	-1.709	130	204	-.318	.053	-.166	-.572
120	510	.258	.107	.860	.010	130	101	-.343	.048	-.175	-.541	130	205	-.410	.045	-.273	-.621
120	511	.092	.103	.623	-.393	130	102	-.324	.046	-.161	-.509	130	206	-.319	.042	-.170	-.502
120	512	.202	.090	.700	-.024	130	103	-.446	.049	-.289	-.703	130	207	-.317	.043	-.172	-.487
120	513	.250	.104	.824	-.000	130	104	-.378	.058	-.147	-.730	130	208	-.316	.056	-.126	-.613
120	514	.261	.113	.845	.010	130	105	-.389	.054	-.247	-.613	130	209	-.410	.053	-.239	-.671
120	515	.266	.107	.800	.011	130	106	-.363	.086	-.093	-.830	130	210	-.329	.043	-.201	-.510
120	516	.249	.088	.697	-.038	130	107	-.392	.116	-.116	-1.060	130	211	-.345	.041	-.205	-.489
120	517	.305	.121	.807	-.005	130	108	-.339	.043	-.191	-.489	130	212	-.352	.039	-.229	-.488
120	601	-.123	.038	.019	-.255	130	109	-.346	.047	-.175	-.541	130	213	-.410	.039	-.276	-.550
120	602	-.207	.045	-.024	-.396	130	110	-.332	.043	-.189	-.504	130	214	-.323	.039	-.180	-.471
120	603	-.040	.050	.158	-.173	130	111	-.457	.047	-.307	-.634	130	215	-.391	.039	-.146	-.580
120	604	-.076	.076	.348	-.148	130	112	-.383	.053	-.201	-.639	130	216	-.360	.050	-.126	-.507
120	605	.102	.124	.579	-.284	130	113	-.408	.086	-.219	-.890	130	217	-.451	.045	-.265	-.610
120	607	.431	.102	.118	-.931	130	114	-.406	.099	-.163	-.850	130	218	-.362	.041	-.217	-.489
120	608	.092	.066	.165	-.294	130	115	-.459	.044	-.326	-.634	130	219	-.359	.042	-.232	-.484
120	610	.034	.072	.246	-.241	130	116	-.376	.043	-.243	-.539	130	220	-.327	.040	-.211	-.461
120	611	.082	.087	.433	-.173	130	117	-.390	.043	-.249	-.539	130	221	-.428	.044	-.201	-.579
120	612	.042	.082	.375	-.291	130	118	-.390	.043	-.254	-.542	130	222	-.428	.047	-.237	-.670
120	613	.081	.126	.528	-.502	130	119	-.519	.055	-.292	-.811	130	223	-.417	.048	-.247	-.591
120	614	.159	.123	.618	-.371	130	120	-.459	.077	-.144	-.873	130	224	-.378	.052	-.201	-.555
120	615	.111	.132	.645	-.449	130	121	-.457	.074	-.234	-.841	130	225	-.491	.056	-.255	-.655
120	616	.171	.130	.683	-.449	130	122	-.400	.043	-.227	-.560	130	226	-.397	.047	-.240	-.546
120	617	.209	.094	.707	-.001	130	123	-.509	.047	-.321	-.684	130	227	-.392	.043	-.242	-.531
120	618	.161	.086	.141	-.590	130	124	-.427	.044	-.253	-.590	130	228	-.367	.042	-.221	-.507
120	619	.111	.048	.066	-.293	130	125	-.447	.051	-.309	-.764	130	229	-.530	.055	-.347	-.782
120	620	.105	.080	.439	-.299	130	126	-.434	.054	-.292	-.719	130	230	-.426	.049	-.198	-.663
120	621	.118	.139	.654	-.614	130	127	-.559	.069	-.389	-.940	130	231	-.425	.045	-.287	-.572
120	622	.047	.071	.286	-.331	130	128	-.473	.068	-.307	-1.005	130	232	-.428	.050	-.297	-.633
120	623	.097	.069	.137	-.567	130	129	-.428	.049	-.274	-.606	130	233	-.391	.048	-.277	-.656
120	624	.098	.072	.372	-.069	130	130	-.405	.048	-.259	-.580	130	234	-.450	.047	-.331	-.691
120	625	.132	.090	.547	-.102	130	131	-.517	.052	-.360	-.711	130	235	-.401	.045	-.272	-.616
120	626	.022	.066	.244	-.296	130	132	-.444	.050	-.307	-.704	130	236	-.435	.082	-.105	-.886
120	627	.048	.061	.286	-.128	130	133	-.459	.060	-.316	-.814	130	237	-.403	.068	-.099	-.798
120	628	.139	.087	.459	-.143	130	134	-.442	.070	-.254	-.901	130	238	-.465	.058	-.323	-.779

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	239	.421	.052	.290	.621	130	337	.197	.103	.598	.434	130	425	.248	.101	.587	.046
130	240	.393	.051	.257	.637	130	338	.238	.186	.792	.740	130	426	.112	.078	.367	.103
130	241	.350	.052	.149	.593	130	339	.199	.208	.784	.531	130	427	.086	.069	.315	.131
130	242	.419	.056	.191	.694	130	340	.015	.056	.227	.152	130	428	.100	.063	.157	.391
130	243	.406	.055	.230	.619	130	341	.013	.114	.684	.270	130	429	.032	.059	.202	.267
130	244	.392	.096	.034	.912	130	342	.052	.050	.141	.203	130	430	.396	.181	1.120	.132
130	245	.366	.080	.058	.783	130	343	.054	.048	.124	.202	130	431	.055	.067	.394	.124
130	246	.415	.076	.059	.681	130	344	.013	.057	.227	.144	130	432	.274	.171	1.081	.494
130	247	.415	.051	.228	.670	130	345	.010	.067	.243	.189	130	433	.313	.154	1.042	.426
130	248	.455	.057	.304	.675	130	346	.131	.087	.456	.106	130	434	.265	.108	.662	.018
130	249	.409	.053	.255	.701	130	347	.173	.099	.597	.160	130	435	.205	.090	.556	.018
130	250	.360	.057	.029	.580	130	348	.169	.162	.731	.497	130	436	.052	.078	.350	.161
130	251	.360	.049	.161	.522	130	349	.098	.175	.743	.507	130	437	.051	.068	.331	.138
130	252	.322	.056	.048	.515	130	350	.055	.048	.201	.176	130	438	.011	.061	.213	.243
130	301	.338	.159	.883	.151	130	351	.236	.124	.800	.124	130	439	.019	.059	.245	.192
130	302	.379	.067	.181	.634	130	352	.223	.104	.608	.275	130	440	.174	.158	.836	.154
130	303	.158	.071	.209	.370	130	353	.170	.093	.739	.340	130	441	.019	.060	.249	.155
130	304	.331	.066	.094	.615	130	354	.147	.094	.764	.328	130	442	.180	.140	.700	.716
130	305	.149	.058	.093	.348	130	355	.127	.132	.701	.157	130	443	.219	.130	.690	.527
130	306	.073	.060	.166	.265	130	356	.018	.050	.200	.149	130	444	.160	.106	.570	.102
130	307	.032	.064	.228	.278	130	357	.077	.051	.137	.216	130	445	.146	.088	.485	.086
130	308	.006	.076	.314	.260	130	358	.029	.063	.265	.116	130	446	.059	.070	.344	.120
130	309	.056	.161	.431	1.130	130	359	.065	.076	.342	.126	130	447	.026	.065	.295	.144
130	310	.077	.234	.602	.953	130	360	.200	.095	.586	.032	130	448	.032	.061	.224	.215
130	311	.451	.192	1.188	.129	130	361	.281	.126	.763	.078	130	449	.006	.057	.237	.168
130	312	.212	.056	.029	.472	130	362	.208	.099	.610	.185	130	450	.057	.123	.726	.312
130	313	.050	.071	.218	.277	130	401	.252	.144	.669	.386	130	451	.158	.092	.560	.199
130	314	.307	.058	.079	.493	130	402	.137	.124	.538	.284	130	452	.119	.095	.579	.223
130	315	.070	.056	.171	.250	130	403	.022	.085	.346	.307	130	453	.174	.082	.498	.344
130	316	.022	.064	.244	.181	130	404	.086	.075	.212	.371	130	454	.165	.086	.465	.096
130	317	.083	.084	.348	.164	130	405	.064	.067	.172	.329	130	455	.042	.060	.331	.105
130	318	.207	.098	.503	.045	130	406	.082	.066	.220	.293	130	456	.173	.105	.579	.287
130	319	.283	.195	.814	.547	130	407	.389	.075	.122	.661	130	457	.220	.126	.709	.178
130	320	.279	.218	.931	.487	130	408	.177	.098	.177	.561	130	458	.198	.101	.643	.032
130	321	.345	.184	1.019	.154	130	409	.304	.066	.098	.592	130	459	.137	.079	.490	.054
130	322	.088	.053	.102	.300	130	410	.301	.155	.968	.291	130	460	.037	.073	.362	.149
130	323	.125	.053	.084	.294	130	411	.500	.153	.944	.177	130	461	.004	.057	.269	.190
130	324	.011	.055	.193	.161	130	412	.447	.147	.947	.166	130	462	.016	.060	.263	.241
130	325	.026	.065	.230	.208	130	413	.332	.114	.709	.019	130	463	.259	.144	.845	.155
130	326	.123	.082	.428	.082	130	414	.225	.108	.548	.060	130	501	.233	.105	.673	.014
130	327	.227	.103	.578	.302	130	415	.123	.086	.396	.098	130	502	.148	.087	.531	.100
130	328	.280	.208	.839	.525	130	416	.066	.073	.226	.188	130	503	.166	.088	.543	.101
130	329	.215	.229	.941	.500	130	417	.279	.057	.073	.513	130	504	.164	.087	.550	.099
130	330	.014	.059	.203	.188	130	418	.076	.096	.493	.238	130	505	.169	.092	.577	.262
130	331	.190	.170	1.003	.190	130	419	.141	.065	.064	.375	130	506	.149	.105	.611	.209
130	332	.039	.047	.138	.185	130	420	.435	.188	1.330	.213	130	507	.106	.085	.450	.270
130	333	.104	.048	.074	.304	130	421	.076	.075	.344	.175	130	508	.150	.078	.520	.083
130	334	.068	.059	.255	.178	130	422	.435	.163	.968	.174	130	509	.189	.083	.631	.032
130	335	.034	.066	.315	.146	130	423	.461	.148	.936	.090	130	510	.188	.089	.613	.027
130	336	.167	.083	.511	.087	130	424	.330	.127	.755	.013	130	511	.102	.095	.478	.280

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	512	.177	.081	.656	-.005	140	103	-.332	.040	-.171	-.507	140	207	-.329	.045	-.162	-.496
130	513	.207	.091	.584	-.022	140	104	-.349	.053	-.189	-.580	140	208	-.347	.053	-.167	-.634
130	514	.206	.097	.696	-.001	140	105	-.355	.050	-.214	-.726	140	209	-.348	.047	-.180	-.578
130	515	.219	.095	.650	-.016	140	106	-.344	.080	-.127	-.984	140	210	-.346	.041	-.218	-.513
130	516	.209	.082	.512	-.007	140	107	-.335	.075	-.105	-.814	140	211	-.347	.040	-.228	-.517
130	517	.217	.109	.712	-.020	140	108	-.324	.041	-.193	-.521	140	212	-.361	.041	-.215	-.506
130	601	-.076	.048	.116	-.258	140	109	-.324	.040	-.200	-.486	140	213	-.338	.038	-.220	-.493
130	602	-.152	.046	.079	-.293	140	110	-.333	.038	-.220	-.480	140	214	-.327	.041	-.203	-.479
130	603	-.039	.065	.312	-.139	140	111	-.354	.039	-.213	-.504	140	215	-.383	.055	-.152	-.611
130	604	.177	.096	.540	-.082	140	112	-.352	.042	-.228	-.518	140	216	-.373	.048	-.198	-.590
130	605	.246	.130	.797	-.161	140	113	-.370	.073	-.223	-.932	140	217	-.367	.042	-.182	-.504
130	607	-.390	.101	.163	-.970	140	114	-.386	.089	-.203	-.908	140	218	-.355	.038	-.221	-.496
130	608	-.036	.072	.259	-.395	140	115	-.365	.041	-.213	-.523	140	219	-.358	.036	-.239	-.519
130	610	.027	.081	.480	-.253	140	116	-.359	.042	-.201	-.518	140	220	-.352	.035	-.225	-.494
130	611	.145	.088	.505	-.146	140	117	-.360	.039	-.221	-.517	140	221	-.354	.037	-.230	-.507
130	612	.146	.098	.498	-.072	140	118	-.383	.039	-.267	-.516	140	222	-.411	.044	-.233	-.666
130	613	.220	.128	.679	-.146	140	119	-.402	.043	-.270	-.566	140	223	-.395	.040	-.244	-.526
130	614	.238	.114	.643	-.053	140	120	-.413	.060	-.206	-.747	140	224	-.387	.040	-.235	-.587
130	615	.263	.120	.668	-.231	140	121	-.428	.071	-.211	-.834	140	225	-.393	.039	-.242	-.568
130	616	.245	.108	.678	-.136	140	122	-.400	.043	-.274	-.561	140	226	-.381	.038	-.228	-.518
130	617	.181	.088	.562	-.008	140	123	-.405	.043	-.282	-.568	140	227	-.379	.043	-.230	-.578
130	618	-.106	.091	.248	-.530	140	124	-.403	.043	-.285	-.575	140	228	-.381	.044	-.218	-.570
130	619	-.070	.053	.158	-.288	140	125	-.418	.040	-.310	-.575	140	229	-.431	.055	-.211	-.713
130	620	.162	.089	.493	-.067	140	126	-.430	.044	-.316	-.605	140	230	-.399	.043	-.232	-.564
130	621	.197	.105	.606	-.170	140	127	-.444	.051	-.287	-.706	140	231	-.411	.046	-.208	-.582
130	622	-.010	.070	.303	-.240	140	128	-.440	.054	-.289	-.693	140	232	-.419	.043	-.282	-.600
130	623	-.077	.079	.196	-.427	140	129	-.402	.045	-.265	-.568	140	233	-.384	.042	-.242	-.530
130	624	.125	.069	.370	-.055	140	130	-.406	.045	-.274	-.578	140	234	-.451	.042	-.311	-.603
130	625	.136	.079	.470	-.103	140	131	-.412	.044	-.289	-.580	140	235	-.400	.040	-.269	-.550
130	626	.011	.069	.306	-.243	140	132	-.420	.048	-.282	-.617	140	236	-.429	.078	-.177	-.995
130	627	.092	.070	.321	-.137	140	133	-.431	.052	-.308	-.676	140	237	-.393	.063	-.174	-.806
130	628	.159	.085	.488	-.131	140	134	-.439	.059	-.269	-.830	140	238	-.455	.046	-.338	-.664
130	701	-.057	.082	.207	-.393	140	135	-.445	.068	-.239	-.969	140	239	-.409	.041	-.306	-.588
130	702	-.399	.060	-.185	-.672	140	136	-.394	.031	-.152	-.592	140	240	-.392	.042	-.270	-.565
130	703	-.546	.122	-.193	-1.308	140	137	-.397	.056	-.117	-.653	140	241	-.351	.044	-.225	-.564
130	704	-.525	.116	-.249	-1.165	140	138	-.373	.056	-.201	-.639	140	242	-.425	.048	-.284	-.657
130	705	-.244	.054	-.068	-.591	140	139	-.375	.056	-.206	-.620	140	243	-.404	.052	-.212	-.657
130	706	-.429	.084	-.131	-.784	140	140	-.370	.053	-.208	-.612	140	244	-.422	.095	-.063	-.909
130	707	-.505	.083	-.286	-.904	140	141	-.378	.048	-.242	-.709	140	245	-.387	.076	-.092	-.765
130	708	-.441	.073	-.223	-.772	140	142	-.395	.066	-.235	-.769	140	246	-.431	.069	-.146	-.714
130	709	-.011	.112	-.355	-.447	140	143	-.361	.071	-.005	-.800	140	247	-.399	.049	-.216	-.609
130	710	-.484	.081	-.247	-.967	140	144	-.350	.080	-.018	-1.028	140	248	-.449	.058	-.299	-.732
130	711	-.436	.059	-.301	-.673	140	145	-.357	.063	-.106	-.601	140	249	-.395	.049	-.281	-.644
130	712	-.187	.077	-.064	-.704	140	146	-.364	.067	-.108	-.644	140	250	-.334	.051	-.125	-.519
130	713	-.356	.061	-.156	-.609	140	201	-.328	.064	-.042	-.656	140	251	-.336	.051	-.121	-.513
130	714	-.375	.070	-.111	-.641	140	202	-.315	.060	-.134	-.674	140	252	-.302	.063	-.016	-.515
130	715	-.683	.116	-.287	-1.129	140	203	-.339	.061	-.162	-.698	140	301	-.297	.147	-.985	-.213
130	716	-.070	.221	-.385	-2.151	140	204	-.345	.051	-.169	-.614	140	302	-.341	.067	-.107	-.645
140	101	-.315	.041	-.167	-.477	140	205	-.342	.045	-.201	-.519	140	303	-.104	.094	-.296	-.541
140	102	-.321	.041	-.176	-.477	140	206	-.325	.045	-.186	-.528	140	304	-.404	.081	-.041	-.835

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	305	-.102	.072	.195	-.356	140	355	.121	.135	.759	-.149	140	443	.080	.171	.656	-.480
140	306	-.022	.074	.274	-.269	140	356	.034	.061	.303	-.135	140	444	.072	.095	.478	-.368
140	307	-.039	.086	.405	-.260	140	357	-.025	.063	.247	-.185	140	445	.061	.071	.376	-.175
140	308	.094	.099	.473	-.198	140	358	.080	.075	.401	-.115	140	446	.019	.051	.232	-.167
140	309	.247	.143	.699	-.304	140	359	.124	.078	.543	-.112	140	447	-.032	.051	.145	-.194
140	310	.352	.155	.844	-.458	140	360	.275	.113	.778	.011	140	448	-.102	.045	.128	-.262
140	311	.428	.177	1.325	-.150	140	361	.356	.137	.998	.073	140	449	-.060	.043	.160	-.207
140	312	.160	.060	.075	-.392	140	362	.250	.112	.793	-.087	140	450	-.010	.102	.512	-.231
140	313	.020	.090	.358	-.252	140	401	.001	.216	.520	-.778	140	451	.073	.107	.517	-.336
140	314	.299	.058	-.095	-.513	140	402	-.029	.137	.377	-.851	140	452	.027	.118	.486	-.489
140	315	.021	.066	.288	-.226	140	403	-.095	.074	.228	-.341	140	453	.123	.096	.507	-.384
140	316	.106	.084	.456	-.174	140	404	-.128	.065	.150	-.425	140	454	.076	.077	.343	-.167
140	317	.191	.109	.521	-.168	140	405	-.094	.057	.083	-.364	140	455	.030	.046	.170	-.153
140	318	.334	.124	.702	-.045	140	406	.122	.052	.087	-.319	140	456	.075	.105	.431	-.401
140	319	.477	.150	.992	-.020	140	407	.336	.062	-.095	.581	140	457	.042	.111	.475	-.366
140	320	.501	.159	.981	-.087	140	408	-.223	.073	.106	-.482	140	458	.084	.080	.391	-.179
140	321	.418	.182	1.087	-.158	140	409	-.340	.062	-.128	.580	140	459	.046	.064	.293	-.167
140	322	.043	.058	.192	-.222	140	410	.313	.172	.946	-.210	140	460	.050	.059	.204	-.265
140	323	.078	.057	.146	-.241	140	411	.273	.227	.919	-.594	140	461	.059	.045	.157	-.225
140	324	.080	.067	.317	-.114	140	412	.249	.206	.794	-.805	140	462	.067	.045	.096	-.205
140	325	.077	.079	.366	-.151	140	413	.207	.098	.559	-.096	140	463	.123	.121	.625	-.191
140	326	.246	.097	.655	-.050	140	414	.114	.083	.410	-.139	140	501	.227	.098	.606	-.017
140	327	.364	.122	.731	-.049	140	415	.032	.065	.302	-.155	140	502	.090	.081	.459	-.164
140	328	.481	.143	.955	-.024	140	416	.090	.054	.120	-.247	140	503	.093	.089	.382	-.162
140	329	.438	.156	1.017	-.114	140	417	.283	.054	-.086	.483	140	504	.179	.077	.548	-.019
140	330	.065	.072	.381	-.120	140	418	.066	.073	.325	-.209	140	505	.134	.096	.530	-.272
140	331	.300	.179	.933	-.215	140	419	.194	.053	.018	-.425	140	506	.106	.094	.557	-.174
140	332	.021	.058	.274	-.167	140	420	.469	.201	1.214	-.210	140	507	.136	.073	.446	-.130
140	333	.050	.059	.180	-.264	140	421	.011	.064	.242	-.173	140	508	.149	.073	.510	-.103
140	334	.071	.075	.389	-.134	140	422	.225	.235	.794	-.735	140	509	.153	.086	.516	-.340
140	335	.110	.074	.410	-.120	140	423	.272	.220	.827	-.654	140	510	.160	.081	.507	-.037
140	336	.259	.097	.637	-.012	140	424	.198	.101	.621	-.099	140	511	.150	.076	.636	-.214
140	337	.307	.126	.775	-.054	140	425	.130	.077	.475	-.108	140	512	.174	.074	.503	-.009
140	338	.384	.155	.849	-.426	140	426	.022	.063	.246	-.167	140	513	.188	.083	.547	-.002
140	339	.345	.151	.873	-.206	140	427	.066	.055	.216	-.146	140	514	.185	.091	.543	-.022
140	340	.045	.063	.288	-.131	140	428	.152	.054	.110	-.307	140	515	.206	.095	.577	-.011
140	341	.038	.125	.615	-.247	140	429	.088	.051	.175	-.262	140	516	.190	.098	.580	-.171
140	342	.007	.055	.212	-.202	140	430	.343	.178	1.056	-.155	140	517	.111	.092	.423	-.171
140	343	.001	.054	.208	-.149	140	431	.017	.051	.283	-.160	140	601	.012	.058	.238	-.188
140	344	.076	.065	.344	-.104	140	432	.085	.238	.755	-.682	140	602	.131	.045	.058	-.275
140	345	.060	.077	.375	-.131	140	433	.137	.227	.666	-.649	140	603	.081	.072	.447	-.117
140	346	.219	.096	.535	-.037	140	434	.155	.097	.467	-.433	140	604	.230	.104	.809	-.015
140	347	.288	.122	.714	-.087	140	435	.104	.073	.394	-.191	140	605	.309	.130	.954	-.025
140	348	.299	.133	.795	-.218	140	436	.042	.059	.189	-.235	140	607	.399	.105	.935	-.980
140	349	.209	.139	.711	-.284	140	437	.032	.051	.175	-.212	140	608	.008	.075	.349	-.291
140	350	.017	.060	.264	-.157	140	438	.073	.049	.132	-.245	140	610	.064	.084	.488	-.307
140	351	.306	.114	.726	-.041	140	439	.044	.047	.187	-.203	140	611	.210	.090	.662	-.019
140	352	.253	.097	.625	-.002	140	440	.081	.148	.794	-.245	140	612	.249	.112	.694	-.108
140	353	.204	.104	.669	-.243	140	441	.050	.050	.232	-.200	140	613	.330	.122	.848	-.027
140	354	.165	.101	.636	-.240	140	442	.036	.173	.719	-.599	140	614	.318	.109	.698	-.041

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	615	.321	.117	.892	.014	150	121	.377	.053	.189	.698	150	225	.404	.038	.296	.529
140	616	.272	.114	.780	.049	150	122	.372	.040	.236	.328	150	226	.387	.037	.271	.509
140	617	.150	.093	.584	.111	150	123	.380	.040	.243	.346	150	227	.393	.040	.257	.516
140	618	.088	.096	.263	.483	150	124	.376	.040	.266	.363	150	228	.394	.040	.258	.518
140	619	.061	.051	.131	.297	150	125	.409	.049	.295	.745	150	229	.456	.066	.250	.789
140	620	.204	.099	.589	.057	150	126	.425	.052	.278	.685	150	230	.411	.057	.215	.778
140	621	.201	.098	.601	.121	150	127	.432	.055	.243	.756	150	231	.431	.045	.286	.608
140	622	.007	.075	.268	.278	150	128	.426	.059	.249	.734	150	232	.434	.049	.294	.666
140	623	.058	.081	.185	.391	150	129	.375	.043	.238	.582	150	233	.400	.048	.252	.667
140	624	.173	.073	.411	.076	150	130	.378	.042	.248	.585	150	234	.470	.049	.325	.744
140	625	.169	.082	.461	.070	150	131	.387	.043	.260	.584	150	235	.415	.047	.274	.674
140	626	.042	.073	.286	.206	150	132	.393	.051	.259	.704	150	236	.453	.090	.161	.928
140	627	.107	.070	.419	.073	150	133	.410	.059	.271	.684	150	237	.416	.074	.170	.897
140	628	.162	.077	.489	.039	150	134	.409	.062	.162	.752	150	238	.484	.054	.342	.729
140	701	.049	.076	.261	.376	150	135	.421	.065	.200	.806	150	239	.428	.045	.304	.586
140	702	.415	.072	.190	.778	150	136	.409	.060	.175	.642	150	240	.417	.047	.270	.590
140	703	.569	.167	.103	-1.741	150	137	.394	.061	.139	.684	150	241	.375	.048	.235	.555
140	704	.541	.152	.170	-1.492	150	138	.344	.053	.199	.675	150	242	.450	.052	.305	.644
140	705	.244	.040	.087	.502	150	139	.350	.053	.207	.679	150	243	.425	.056	.237	.689
140	706	.350	.079	.091	.681	150	140	.342	.051	.212	.608	150	244	.433	.097	.123	.949
140	707	.533	.094	.272	-1.036	150	141	.372	.063	.212	.738	150	245	.394	.082	.036	.895
140	708	.460	.078	.177	.832	150	142	.367	.065	.067	.788	150	246	.442	.072	.139	.721
140	709	.168	.132	.273	.633	150	143	.332	.083	.062	.648	150	247	.408	.054	.241	.690
140	710	.513	.095	.274	-1.086	150	144	.336	.086	.122	.961	150	248	.464	.057	.311	.793
140	711	.445	.048	.296	.640	150	145	.385	.073	.066	.646	150	249	.422	.058	.274	.756
140	712	.189	.079	.031	.698	150	146	.379	.078	.042	.690	150	250	.328	.054	.061	.516
140	713	.362	.056	.159	.597	150	201	.361	.098	.120	-1.191	150	251	.318	.053	.046	.509
140	714	.428	.079	.093	.851	150	202	.350	.093	.125	-1.424	150	252	.280	.072	.063	.562
140	715	.649	.109	.118	-1.093	150	203	.356	.066	.130	.752	150	301	.264	.133	.748	.189
140	716	1.000	.206	.246	-1.829	150	204	.368	.057	.170	.869	150	302	.312	.067	.085	.634
150	101	.310	.041	.184	.443	150	205	.366	.050	.174	.572	150	303	.051	.117	.492	.454
150	102	.313	.041	.193	.450	150	206	.339	.046	.180	.573	150	304	.461	.088	.063	.771
150	103	.327	.042	.193	.484	150	207	.338	.048	.184	.533	150	305	.040	.092	.322	.364
150	104	.332	.051	.163	.608	150	208	.365	.073	.155	.906	150	306	.041	.094	.382	.272
150	105	.333	.050	.205	.714	150	209	.366	.062	.198	.715	150	307	.098	.100	.434	.230
150	106	.345	.114	.074	-1.898	150	210	.338	.047	.224	.610	150	308	.170	.113	.575	.184
150	107	.333	.094	.126	-1.314	150	211	.336	.042	.219	.568	150	309	.307	.153	.739	.164
150	108	.308	.037	.194	.429	150	212	.369	.043	.239	.533	150	310	.340	.153	.776	.130
150	109	.310	.038	.186	.441	150	213	.345	.038	.231	.472	150	311	.413	.167	1.158	.083
150	110	.317	.038	.199	.442	150	214	.332	.041	.207	.491	150	312	.092	.072	.155	.388
150	111	.339	.037	.200	.474	150	215	.382	.059	.144	.641	150	313	.101	.109	.622	.245
150	112	.333	.044	.194	.637	150	216	.377	.053	.197	.683	150	314	.300	.064	.010	.554
150	113	.328	.053	.153	.672	150	217	.387	.042	.265	.560	150	315	.106	.089	.417	.152
150	114	.334	.061	.155	.825	150	218	.375	.041	.244	.560	150	316	.204	.098	.561	.109
150	115	.336	.038	.205	.524	150	219	.365	.040	.247	.570	150	317	.303	.120	.662	.094
150	116	.328	.036	.189	.523	150	220	.358	.039	.238	.504	150	318	.444	.128	.896	.025
150	117	.337	.039	.219	.469	150	221	.363	.040	.231	.520	150	319	.494	.157	.958	.032
150	118	.360	.046	.234	.496	150	222	.413	.050	.234	.647	150	320	.429	.156	.927	.174
150	119	.378	.042	.229	.532	150	223	.400	.043	.266	.592	150	321	.428	.176	1.056	.094
150	120	.373	.050	.194	.630	150	224	.388	.039	.270	.536	150	322	.000	.065	.264	.234

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	323	-.059	.068	.237	-.287	150	411	-.161	.200	.511	-.891	150	461	-.105	.034	.053	-.226
150	324	-.138	.092	.449	-.114	150	412	-.220	.253	.491	-.908	150	462	-.104	.037	.054	-.232
150	325	-.141	.110	.511	-.156	150	413	-.086	.089	.355	-.653	150	463	-.076	.103	.695	-.209
150	326	-.310	.133	.756	-.047	150	414	-.016	.064	.262	-.209	150	501	-.179	.091	.562	-.052
150	327	-.437	.141	.885	-.063	150	415	-.042	.048	.146	-.197	150	502	-.008	.077	.346	-.270
150	328	-.461	.153	.966	-.037	150	416	-.157	.039	-.001	-.286	150	503	-.040	.095	.273	-.384
150	329	-.329	.160	.885	-.161	150	417	-.274	.054	-.076	-.473	150	504	-.153	.074	.426	-.073
150	330	-.130	.085	.529	-.110	150	418	-.062	.057	.167	-.256	150	505	.045	.106	.423	-.399
150	331	-.326	.171	.932	-.125	150	419	-.203	.047	-.050	-.388	150	506	.030	.088	.330	-.263
150	332	-.050	.064	.286	-.136	150	420	-.400	.197	1.055	-.267	150	507	.120	.061	.347	-.058
150	333	-.025	.067	.228	-.238	150	421	-.066	.051	.193	-.243	150	508	.128	.072	.365	-.192
150	334	-.107	.082	.442	-.112	150	422	-.169	.204	.682	-.796	150	509	.081	.125	.376	-.656
150	335	-.169	.091	.537	-.080	150	423	-.133	.227	.620	-.845	150	510	.142	.081	.385	-.037
150	336	-.326	.116	.791	-.034	150	424	-.042	.130	.360	-.706	150	511	.148	.068	.375	-.055
150	337	-.369	.138	.853	-.037	150	425	-.031	.058	.253	-.189	150	512	.136	.068	.457	-.023
150	338	-.372	.142	.848	-.013	150	426	-.060	.042	.083	-.192	150	513	.144	.081	.635	-.105
150	339	-.281	.142	.763	-.147	150	427	-.064	.037	.062	-.192	150	514	.150	.090	.582	-.061
150	340	-.097	.075	.379	-.090	150	428	-.190	.042	-.045	-.356	150	515	.175	.097	.696	-.065
150	341	-.089	.144	.719	-.253	150	429	-.130	.038	.029	-.296	150	516	.097	.106	.525	-.262
150	342	-.037	.064	.292	-.137	150	430	-.222	.145	.863	-.254	150	517	.031	.071	.283	-.179
150	343	-.040	.059	.256	-.201	150	431	-.078	.034	.074	-.212	150	601	.016	.062	.260	-.164
150	344	-.119	.072	.398	-.099	150	432	-.264	.176	.499	-.995	150	602	-.146	.042	.041	-.263
150	345	-.106	.085	.402	-.121	150	433	-.212	.187	.473	-.965	150	603	.128	.087	.445	-.087
150	346	-.271	.101	.674	-.020	150	434	-.065	.147	.302	-.765	150	604	.283	.121	.799	.012
150	347	-.326	.116	.830	-.130	150	435	-.023	.057	.219	-.357	150	605	.348	.143	.893	.074
150	348	-.303	.125	.859	-.056	150	436	-.110	.044	.094	-.398	150	607	-.426	.102	.180	-.998
150	349	-.173	.134	.808	-.206	150	437	-.089	.039	.091	-.328	150	608	.010	.080	.386	-.306
150	350	-.051	.061	.294	-.100	150	438	-.115	.036	.030	-.247	150	610	.098	.092	.513	-.196
150	351	-.332	.122	.815	-.034	150	439	-.088	.035	.054	-.224	150	611	.221	.100	.691	-.037
150	352	-.244	.097	.682	-.027	150	440	-.017	.103	.504	-.301	150	612	.284	.128	.855	-.039
150	353	-.179	.099	.677	-.133	150	441	-.104	.035	.101	-.238	150	613	.340	.134	.898	-.020
150	354	-.113	.100	.616	-.245	150	442	-.152	.161	.555	-.994	150	614	.312	.115	.829	-.063
150	355	-.108	.125	.732	-.159	150	443	-.114	.171	.523	-.896	150	615	.335	.122	.839	.030
150	356	-.065	.066	.303	-.133	150	444	-.059	.135	.347	-.662	150	616	.238	.126	.736	-.225
150	357	-.006	.069	.250	-.196	150	445	-.016	.068	.246	-.391	150	617	.051	.106	.443	-.328
150	358	-.112	.082	.419	-.112	150	446	-.072	.040	.699	-.297	150	618	-.109	.090	.194	-.490
150	359	-.162	.094	.549	-.090	150	447	-.094	.039	.056	-.304	150	619	-.053	.052	.234	-.307
150	360	-.328	.112	.856	-.064	150	448	-.153	.034	-.013	-.294	150	620	.239	.101	.650	-.030
150	361	-.385	.121	.823	-.076	150	449	-.108	.032	.019	-.241	150	621	.208	.101	.546	-.162
150	362	-.235	.103	.732	-.121	150	450	-.046	.080	.517	-.287	150	622	-.022	.070	.253	-.265
150	401	-.456	.180	.223	-.082	150	451	-.088	.152	.415	-.1324	150	623	-.072	.074	.171	-.344
150	402	-.340	.245	.219	-.280	150	452	-.150	.178	.345	-.1387	150	624	.170	.072	.420	-.042
150	403	-.136	.062	.083	-.487	150	453	-.028	.167	.370	-.1032	150	625	.137	.071	.414	-.102
150	404	-.170	.053	.081	-.371	150	454	-.048	.099	.197	-.574	150	626	.012	.068	.276	-.209
150	405	-.130	.046	.083	-.336	150	455	-.079	.037	.064	-.226	150	627	.121	.062	.365	-.143
150	406	-.154	.042	.013	-.311	150	456	-.065	.131	.293	-.798	150	628	.158	.067	.440	-.032
150	407	-.287	.057	.074	-.499	150	457	-.099	.109	.206	-.785	150	701	-.129	.104	.253	-.485
150	408	-.249	.059	.008	-.465	150	458	-.005	.061	.240	-.216	150	702	-.388	.069	.189	-.665
150	409	-.333	.056	.141	-.555	150	459	-.023	.046	.166	-.168	150	703	-.486	.124	.083	-.1502
150	410	-.326	.176	.942	-.213	150	460	-.116	.043	.061	-.232	150	704	-.448	.099	-.187	-.1145

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	705	-.326	.102	-.025	-.798	160	139	-.345	.055	-.168	-.592	160	243	-.418	.066	-.226	-.762
150	706	-.270	.088	-.038	-.680	160	140	-.337	.055	-.165	-.615	160	244	-.420	.095	-.126	-1.139
150	707	-.458	.080	-.242	-.853	160	141	-.355	.057	-.206	-.621	160	245	-.389	.087	-.110	-.819
150	708	-.401	.070	-.134	-.724	160	142	-.330	.063	-.050	-.570	160	246	-.427	.079	-.145	-.927
150	709	-.404	.085	-.114	-.751	160	143	-.308	.069	-.050	-.539	160	247	-.406	.064	-.118	-.714
150	710	-.496	.119	-.251	-1.469	160	144	-.319	.069	-.018	-.545	160	248	-.463	.066	-.248	-.878
150	711	-.460	.048	-.338	-.637	160	145	-.346	.067	-.111	-.614	160	249	-.429	.064	-.247	-.701
150	712	-.427	.131	-.003	-.913	160	146	-.327	.077	-.054	-.597	160	250	-.284	.065	-.047	-.498
150	713	-.405	.065	-.201	-.705	160	201	-.396	.115	-.133	-1.286	160	251	-.261	.063	-.031	-.456
150	714	-.479	.088	-.206	-1.303	160	202	-.384	.102	-.046	-.953	160	252	-.207	.083	-.168	-.515
150	715	-.612	.096	-.328	-1.123	160	203	-.379	.082	-.114	-.919	160	301	-.258	.132	-.704	-.189
150	716	-.718	.156	-.349	-1.790	160	204	-.388	.072	-.188	-.922	160	302	-.291	.070	-.063	-.581
160	101	-.305	.048	-.121	-.576	160	205	-.383	.060	-.194	-.741	160	303	-.031	.122	-.428	-.414
160	102	-.308	.049	-.104	-.567	160	206	-.356	.053	-.173	-.766	160	304	-.503	.104	-.159	-.931
160	103	-.319	.050	-.113	-.539	160	207	-.351	.056	-.182	-.599	160	305	-.021	.099	-.338	-.306
160	104	-.316	.062	-.145	-.707	160	208	-.409	.095	-.121	-.947	160	306	.100	.100	-.430	-.254
160	105	-.322	.058	-.173	-.860	160	209	-.407	.087	-.151	-.978	160	307	.172	.109	-.531	-.181
160	106	-.341	.084	-.099	-1.048	160	210	-.368	.058	-.188	-.645	160	308	.241	.122	-.594	-.149
160	107	-.340	.085	-.132	-1.125	160	211	-.355	.054	-.156	-.682	160	309	.289	.153	-.807	-.188
160	108	-.291	.043	-.116	-.463	160	212	-.375	.050	-.207	-.638	160	310	.234	.144	-.788	-.219
160	109	-.296	.042	-.152	-.448	160	213	-.345	.042	-.201	-.558	160	311	.019	.168	1.097	-.139
160	110	-.301	.041	-.163	-.451	160	214	-.330	.046	-.145	-.578	160	312	.019	.101	-.404	-.364
160	111	-.319	.042	-.168	-.494	160	215	-.407	.075	-.152	-.731	160	313	.157	.131	-.702	-.198
160	112	-.310	.048	-.136	-.523	160	216	-.394	.071	-.227	-.801	160	314	.243	.087	-.277	-.518
160	113	-.322	.054	-.097	-.836	160	217	-.383	.047	-.242	-.570	160	315	.186	.112	-.563	-.133
160	114	-.336	.060	-.116	-.915	160	218	-.362	.046	-.210	-.600	160	316	.279	.125	-.651	-.051
160	115	-.316	.041	-.175	-.499	160	219	-.349	.045	-.187	-.545	160	317	.359	.151	-.817	-.048
160	116	-.306	.041	-.163	-.448	160	220	-.340	.042	-.195	-.498	160	318	.460	.153	-.951	-.005
160	117	-.310	.038	-.201	-.445	160	221	-.348	.045	-.180	-.518	160	319	.435	.143	-.944	.013
160	118	-.323	.036	-.202	-.442	160	222	-.414	.073	-.208	-.804	160	320	.274	.134	-.734	-.171
160	119	-.334	.037	-.201	-.472	160	223	-.406	.064	-.227	-.798	160	321	.427	.166	1.037	-.095
160	120	-.325	.042	-.178	-.476	160	224	-.394	.048	-.212	-.629	160	322	.073	.082	-.357	-.166
160	121	-.336	.047	-.166	-.509	160	225	-.398	.045	-.233	-.546	160	323	.009	.080	-.411	-.208
160	122	-.338	.043	-.163	-.523	160	226	-.376	.044	-.225	-.540	160	324	.236	.105	-.565	-.063
160	123	-.349	.043	-.185	-.523	160	227	-.370	.043	-.216	-.550	160	325	.244	.121	-.621	-.108
160	124	-.344	.040	-.190	-.530	160	228	-.369	.043	-.220	-.548	160	326	.408	.135	-.830	-.028
160	125	-.274	.042	-.258	-.580	160	229	-.451	.078	-.163	-.925	160	327	.473	.146	1.028	-.092
160	126	-.391	.047	-.160	-.599	160	230	-.411	.067	-.228	-.748	160	328	.376	.141	-.917	-.002
160	127	-.388	.057	-.168	-.594	160	231	-.418	.053	-.242	-.682	160	329	.148	.138	-.732	-.268
160	128	-.383	.059	-.163	-.585	160	232	-.417	.045	-.261	-.594	160	330	.208	.103	-.667	-.073
160	129	-.352	.049	-.230	-.633	160	233	-.388	.044	-.264	-.547	160	331	.356	.162	-.983	-.061
160	130	-.354	.049	-.227	-.614	160	234	-.463	.046	-.331	-.639	160	332	.104	.069	-.365	-.088
160	131	-.367	.050	-.237	-.654	160	235	-.405	.044	-.279	-.581	160	333	.018	.072	-.321	-.215
160	132	-.370	.056	-.205	-.635	160	236	-.430	.086	-.196	-.892	160	334	.170	.091	-.491	-.053
160	133	-.385	.060	-.178	-.718	160	237	-.406	.081	-.164	-.824	160	335	.213	.106	-.560	-.061
160	134	-.376	.064	-.091	-.644	160	238	-.491	.069	-.288	-.854	160	336	.365	.133	-.856	-.019
160	135	-.398	.062	-.127	-.635	160	239	-.421	.052	-.259	-.634	160	337	.381	.156	-.912	-.008
160	136	-.401	.062	-.160	-.721	160	240	-.410	.050	-.256	-.633	160	338	.287	.144	-.745	-.070
160	137	-.363	.078	-.114	-.749	160	241	-.370	.052	-.217	-.611	160	339	.128	.126	-.596	-.270
160	138	-.336	.056	-.158	-.592	160	242	-.449	.056	-.288	-.709	160	340	.155	.081	-.482	-.066

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPHEAN	CPHNS	CPHAX	CPHIN	WD	TAP	CPHEAN	CPHNS	CPHAX	CPHIN	WD	TAP	CPHEAN	CPHNS	CPHAX	CPHIN
160	341	.130	.149	.774	-.243	160	429	-.173	.048	.023	-.509	160	516	-.028	.139	.435	-.565
160	342	.083	.069	.355	-.091	160	430	-.088	.156	.779	-.500	160	517	-.036	.097	.387	-.415
160	343	.072	.076	.409	-.148	160	431	-.123	.043	.093	-.399	160	601	-.081	.078	.441	-.187
160	344	.150	.093	.675	-.071	160	432	-.501	.156	.039	-1.502	160	602	-.132	.049	.145	-.284
160	345	.131	.109	.691	-.123	160	433	-.447	.154	.133	-1.465	160	603	-.181	.096	.555	-.036
160	346	.280	.127	.805	-.028	160	434	-.317	.225	.211	-1.549	160	604	.335	.128	.878	.022
160	347	.323	.131	.791	-.009	160	435	-.124	.135	.211	-.823	160	605	.380	.138	.908	.028
160	348	.222	.122	.658	-.213	160	436	-.190	.080	.084	-.693	160	607	-.445	.104	-.200	-1.256
160	349	.025	.124	.576	-.398	160	437	-.152	.065	.048	-.564	160	608	.030	.087	.562	-.278
160	350	.096	.077	.389	-.106	160	438	-.173	.046	-.008	-.420	160	610	.118	.094	.605	-.175
160	351	.330	.113	.889	.090	160	439	-.144	.046	.021	-.416	160	611	.246	.109	.727	-.031
160	352	.187	.092	.560	-.098	160	440	-.073	.122	.416	-.772	160	612	.333	.144	.925	-.010
160	353	.082	.109	.586	-.249	160	441	-.160	.040	.004	-.360	160	613	.359	.148	1.175	.021
160	354	-.028	.114	.427	-.457	160	442	-.392	.157	.073	-1.683	160	614	.302	.117	.831	-.170
160	355	.126	.121	.759	-.150	160	443	-.366	.161	.105	-1.612	160	615	.325	.132	1.002	-.007
160	356	.129	.079	.457	-.085	160	444	-.299	.185	.086	-1.236	160	616	.138	.124	.616	-.275
160	357	.068	.082	.383	-.140	160	445	-.122	.088	.143	-.566	160	617	-.106	.123	.259	-.604
160	358	.174	.096	.591	-.058	160	446	-.136	.056	.061	-.470	160	618	-.120	.078	.160	-.431
160	359	.208	.098	.584	-.055	160	447	-.145	.050	.017	-.508	160	619	-.046	.055	.224	-.249
160	360	.365	.126	.882	.051	160	448	-.212	.042	-.080	-.420	160	620	.236	.103	.613	.032
160	361	.368	.125	.925	.064	160	449	-.162	.040	-.036	-.370	160	621	.141	.105	.550	-.367
160	362	.190	.121	.647	-.255	160	450	-.078	.104	.532	-.477	160	622	-.050	.054	.175	-.292
160	401	-.621	.129	-.156	-1.415	160	451	-.354	.196	.083	-1.438	160	623	-.048	.062	.165	-.278
160	402	-.637	.144	-.063	-1.452	160	452	-.459	.236	.111	-1.881	160	624	.152	.077	.498	-.081
160	403	-.251	.145	-.074	-1.064	160	453	-.282	.211	.153	-1.390	160	625	.064	.074	.317	-.388
160	404	-.213	.061	-.001	-.566	160	454	-.224	.119	.104	-.826	160	626	-.017	.056	.188	-.215
160	405	-.156	.048	.063	-.698	160	455	-.134	.035	-.020	-.310	160	627	.128	.067	.433	-.063
160	406	-.172	.048	.037	-.417	160	456	-.246	.151	.133	-.921	160	628	.125	.064	.424	-.152
160	407	-.231	.068	-.004	-.479	160	457	-.239	.111	.116	-.808	160	701	-.327	.102	.148	-.795
160	408	-.241	.069	.029	-.559	160	458	-.113	.058	.118	-.424	160	702	-.332	.073	-.056	-.790
160	409	-.271	.068	-.004	-.502	160	459	-.099	.041	.146	-.290	160	703	-.439	.116	-.044	-1.183
160	410	-.193	.170	-.791	-.267	160	460	-.190	.040	-.016	-.395	160	704	-.389	.092	-.165	-1.190
160	411	-.511	.133	-.011	-1.064	160	461	-.158	.037	-.026	-.347	160	705	-.518	.122	-.107	-.968
160	412	-.626	.147	-.086	-1.291	160	462	-.161	.037	-.053	-.389	160	706	-.188	.099	-.160	-.651
160	413	-.252	.246	-.250	-1.253	160	463	-.049	.082	-.426	-.293	160	707	-.428	.073	-.217	-.855
160	414	-.078	.078	.206	-.669	160	501	-.100	.099	.539	-.243	160	708	-.375	.064	-.107	-.717
160	415	-.098	.044	.102	-.479	160	502	-.120	.080	.116	-.616	160	709	-.509	.081	-.254	-1.097
160	416	-.203	.034	-.035	-.465	160	503	-.184	.097	.096	-.736	160	710	-.513	.143	-.228	-1.666
160	417	-.237	.051	-.054	-.434	160	504	-.085	.071	.407	-.209	160	711	-.456	.055	-.296	-.645
160	418	-.126	.046	.123	-.329	160	505	-.110	.128	.360	-.619	160	712	-.556	.106	-.190	-1.044
160	419	-.184	.048	.018	-.370	160	506	-.097	.102	.324	-.510	160	713	-.442	.077	-.231	-.783
160	420	-.223	.181	.977	-.321	160	507	.068	.055	.327	-.138	160	714	-.502	.090	-.202	-1.048
160	421	-.126	.041	.133	-.322	160	508	.063	.072	.266	-.388	160	715	-.576	.092	-.265	-.948
160	422	-.482	.146	.099	-1.307	160	509	-.069	.154	.333	-.874	160	716	-.602	.111	-.259	-1.128
160	423	-.459	.148	.206	-1.187	160	510	.074	.068	.361	-.178	170	101	-.289	.063	-.078	-.570
160	424	-.406	.263	.243	-1.286	160	511	.097	.054	.275	-.095	170	102	-.290	.063	-.081	-.598
160	425	-.118	.135	.297	-.970	160	512	.098	.056	.464	-.038	170	103	-.301	.060	-.101	-.602
160	426	-.132	.067	.161	-.724	160	513	.089	.072	.402	-.194	170	104	-.308	.070	-.098	-.878
160	427	-.121	.057	-.143	-.715	160	514	.106	.085	.542	-.100	170	105	-.340	.068	-.130	-.572
160	428	-.231	.053	-.035	-.556	160	515	.138	.098	.563	-.090	170	106	-.359	.100	-.057	-.984

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	107	.350	.099	.038	.884	170	211	.386	.094	.097	.910	170	309	.193	.143	.677	.327
170	108	.284	.059	.096	.811	170	212	.396	.074	.198	.837	170	310	.099	.127	.530	.383
170	109	.288	.056	.078	.598	170	213	.368	.056	.211	.607	170	311	.459	.160	1.179	.005
170	110	.291	.052	.099	.482	170	214	.351	.059	.185	.610	170	312	.116	.110	.457	.330
170	111	.314	.052	.115	.513	170	215	.447	.118	.175	-1.225	170	313	.217	.143	.787	.167
170	112	.316	.056	.096	.523	170	216	.443	.114	.128	.996	170	314	.171	.097	.148	.535
170	113	.336	.067	.158	.712	170	217	.411	.079	.115	.815	170	315	.293	.124	.895	.078
170	114	.355	.080	.155	.812	170	218	.379	.076	.113	.786	170	316	.390	.131	.838	.034
170	115	.296	.060	.106	.760	170	219	.365	.070	.146	.804	170	317	.448	.151	.916	.052
170	116	.294	.060	.093	.610	170	220	.352	.059	.143	.632	170	318	.501	.150	1.018	.040
170	117	.298	.047	.128	.496	170	221	.362	.063	.132	.669	170	319	.316	.138	.872	.094
170	118	.295	.040	.170	.431	170	222	.471	.120	.188	-1.173	170	320	.102	.118	.544	.396
170	119	.296	.036	.170	.433	170	223	.451	.110	.182	-1.149	170	321	.421	.157	.991	.067
170	120	.305	.044	.153	.515	170	224	.414	.071	.182	.676	170	322	.192	.104	.603	.065
170	121	.344	.062	.144	.657	170	225	.413	.060	.209	.633	170	323	.085	.110	.576	.242
170	122	.279	.063	.047	.898	170	226	.386	.059	.190	.739	170	324	.301	.119	.704	.010
170	123	.293	.061	.082	.794	170	227	.370	.058	.168	.591	170	325	.307	.137	.749	.027
170	124	.291	.053	.138	.518	170	228	.369	.059	.155	.576	170	326	.439	.148	.873	.080
170	125	.302	.045	.168	.482	170	229	.446	.111	.154	-1.487	170	327	.481	.154	1.044	.089
170	126	.285	.042	.096	.455	170	230	.422	.101	.177	-1.035	170	328	.283	.134	.816	.095
170	127	.314	.050	.139	.537	170	231	.406	.073	.198	.863	170	329	.007	.118	.552	.370
170	128	.330	.061	.135	.580	170	232	.422	.071	.226	.748	170	330	.278	.111	.685	.055
170	129	.331	.061	.087	.648	170	233	.391	.067	.196	.823	170	331	.316	.144	.918	.085
170	130	.335	.060	.099	.635	170	234	.469	.068	.272	.777	170	332	.137	.080	.420	.099
170	131	.363	.062	.154	.650	170	235	.408	.065	.218	.685	170	333	.041	.087	.385	.207
170	132	.356	.071	.128	.677	170	236	.415	.107	.164	-1.037	170	334	.183	.096	.520	.067
170	133	.270	.068	.031	.553	170	237	.395	.108	.143	-1.046	170	335	.257	.112	.696	.056
170	134	.304	.070	.037	.526	170	238	.485	.100	.245	-1.208	170	336	.390	.129	.852	.037
170	135	.351	.072	.003	.616	170	239	.404	.069	.203	.763	170	337	.358	.136	.854	.007
170	136	.376	.077	.083	.774	170	240	.411	.068	.240	.734	170	338	.181	.119	.658	.198
170	137	.367	.100	.014	.887	170	241	.375	.070	.184	.638	170	339	.007	.115	.486	.445
170	138	.318	.062	.094	.603	170	242	.460	.075	.232	.742	170	340	.170	.082	.476	.051
170	139	.334	.063	.139	.624	170	243	.403	.083	.160	.865	170	341	.124	.137	.774	.227
170	140	.342	.074	.135	.744	170	244	.397	.108	.066	-1.223	170	342	.091	.067	.345	.095
170	141	.299	.081	.002	.671	170	245	.371	.103	.075	.993	170	343	.094	.076	.409	.106
170	142	.235	.072	.150	.620	170	246	.407	.092	.050	.811	170	344	.164	.092	.559	.053
170	143	.302	.070	.050	.552	170	247	.370	.095	.053	.879	170	345	.139	.108	.622	.157
170	144	.318	.072	.031	.597	170	248	.446	.096	.001	.959	170	346	.278	.125	.728	.005
170	145	.330	.075	.080	.638	170	249	.428	.078	.137	.759	170	347	.291	.123	.836	.003
170	146	.328	.090	.054	.824	170	250	.233	.065	.025	.470	170	348	.121	.112	.644	.221
170	201	.414	.154	.027	-1.279	170	251	.197	.068	.075	.655	170	349	.123	.112	.350	.532
170	202	.416	.148	.063	-1.161	170	252	.137	.090	.233	.628	170	350	.127	.074	.385	.095
170	203	.399	.128	.088	-1.376	170	301	.263	.121	.767	.133	170	351	.299	.118	.829	.020
170	204	.415	.112	.079	-1.281	170	302	.257	.080	.005	.530	170	352	.100	.085	.695	.158
170	205	.406	.086	.115	-1.161	170	303	.066	.122	.462	.472	170	353	.002	.105	.486	.325
170	206	.372	.068	.175	-1.709	170	304	.492	.108	.124	.952	170	354	.146	.119	.332	.598
170	207	.372	.064	.144	-1.650	170	305	.118	.109	.457	.277	170	355	.107	.096	.672	.099
170	208	.424	.145	.084	-1.173	170	306	.189	.107	.548	.153	170	356	.188	.088	.571	.058
170	209	.430	.133	.065	-1.072	170	307	.207	.120	.641	.176	170	357	.127	.091	.512	.120
170	210	.386	.096	.021	-1.870	170	308	.243	.124	.700	.114	170	358	.218	.097	.678	.002

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	359	.244	.109	.703	-.052	170	447	-.197	.073	-.052	-.630	170	619	-.030	.058	.191	-.245
170	360	.399	.140	1.029	.083	170	448	-.299	.081	-.106	-.704	170	620	.246	.105	.647	-.283
170	361	.313	.122	.870	.040	170	449	-.239	.074	-.054	-.632	170	621	.092	.108	.527	-.353
170	362	.153	.127	.644	-.344	170	450	-.105	.170	.778	-.704	170	622	-.051	.050	.136	-.307
170	401	-.667	.143	-.259	-1.540	170	451	-.648	.227	-.117	-1.956	170	623	.015	.061	.243	-.193
170	402	-.666	.148	-.216	-1.531	170	452	-.798	.280	-.048	-2.655	170	624	.139	.070	.356	-.175
170	403	-.560	.162	-.008	-1.315	170	453	-.581	.251	.094	-1.776	170	625	-.009	.074	.247	-.426
170	404	-.379	.150	.059	-1.082	170	454	-.419	.166	.030	-1.299	170	626	.001	.051	.213	-.180
170	405	-.220	.100	.199	-.845	170	455	-.182	.056	-.023	-.519	170	627	.135	.074	.474	-.097
170	406	-.234	.096	.023	-.792	170	456	-.444	.170	.059	-1.263	170	628	.056	.059	.273	-.168
170	407	-.245	.093	.013	-.606	170	457	-.385	.145	-.077	-1.195	170	701	-.434	.145	.110	-1.461
170	408	-.314	.110	-.016	-.865	170	458	-.228	.079	-.015	-.622	170	702	-.323	.114	.101	-1.145
170	409	-.266	.089	.021	-.662	170	459	-.171	.059	.151	-.468	170	703	-.415	.106	-.106	-1.038
170	410	-.027	.200	.915	-.938	170	460	-.264	.063	.027	-.592	170	704	-.365	.092	-.151	-.981
170	411	-.612	.123	-.250	-1.143	170	461	-.225	.069	-.079	-.587	170	705	-.571	.121	-.173	-1.188
170	412	-.733	.132	-.351	-1.308	170	462	-.228	.065	.028	-.524	170	706	-.290	.116	.089	-.862
170	413	-.652	.164	-.029	-1.448	170	463	-.067	.109	.543	-.410	170	707	-.422	.088	-.183	-.914
170	414	-.372	.185	.157	-1.103	170	501	-.008	.099	.393	-.330	170	708	-.370	.079	-.110	-.741
170	415	-.213	.120	.306	-1.104	170	502	-.239	.093	.046	-.686	170	709	-.564	.126	-.156	-1.243
170	416	-.296	.097	.007	-.902	170	503	-.328	.128	-.041	-.874	170	710	-.583	.193	-.214	-1.563
170	417	-.253	.078	.049	-.612	170	504	-.008	.070	.307	-.356	170	711	-.446	.065	-.266	-.755
170	418	-.192	.070	.026	-.461	170	505	-.292	.142	.206	-.888	170	712	-.568	.104	-.230	-1.009
170	419	-.213	.078	.021	-.558	170	506	-.255	.108	.153	-.679	170	713	-.453	.089	-.200	-.832
170	420	-.074	.210	.771	-.027	170	507	-.004	.050	.181	-.265	170	714	-.517	.105	-.269	-1.139
170	421	-.213	.088	.074	-.569	170	508	-.030	.085	.217	-.592	170	715	-.568	.092	-.273	-.930
170	422	-.572	.128	-.216	-1.387	170	509	-.235	.190	.137	-1.926	170	716	-.568	.104	-.287	-1.046
170	423	-.542	.127	-.185	-1.354	170	510	-.010	.061	.228	-.215	180	101	-.297	.110	.034	-.877
170	424	-.664	.188	-.023	-1.538	170	511	-.033	.048	.250	-.165	180	102	-.293	.107	.029	-.813
170	425	-.413	.206	.109	-1.288	170	512	-.049	.053	.399	-.219	180	103	-.303	.097	.019	-.861
170	426	-.275	.145	.154	-.921	170	513	.015	.071	.292	-.337	180	104	-.311	.096	.034	-.736
170	427	-.233	.139	.120	-1.027	170	514	.061	.086	.464	-.183	180	105	-.322	.083	-.109	-.629
170	428	-.293	.091	-.028	-.717	170	515	.102	.103	.661	-.165	180	106	-.328	.124	.049	-.857
170	429	-.234	.086	.026	-.655	170	516	-.186	.150	.323	-.986	180	107	-.322	.130	.052	-.988
170	430	-.161	.176	.609	-.616	170	517	-.104	.119	.632	-.642	180	108	-.293	.102	-.029	-1.169
170	431	-.189	.086	.103	-.606	170	601	-.138	.095	.513	-.088	180	109	-.280	.089	.009	-1.020
170	432	-.628	.154	-.203	-1.834	170	602	-.133	.051	.061	-.280	180	110	-.274	.072	-.040	-.684
170	433	-.566	.150	-.194	-1.751	170	603	.212	.102	.755	-.047	180	111	-.288	.062	.075	-.563
170	434	-.562	.197	.126	-1.473	170	604	.348	.134	.961	-.027	180	112	-.286	.077	.059	-.701
170	435	-.350	.203	.161	-1.080	170	605	.352	.139	.999	.004	180	113	-.307	.101	.036	-.720
170	436	-.331	.167	.187	-1.125	170	607	.458	.120	1.132	-1.037	180	114	-.325	.121	.003	-.887
170	437	-.264	.153	.146	-1.015	170	608	.058	.101	.597	-.273	180	115	-.305	.085	.061	-.653
170	438	-.256	.099	.021	-.661	170	610	.137	.108	.653	-.287	180	116	-.282	.079	.056	-.591
170	439	-.220	.096	.035	-.596	170	611	.261	.112	.707	-.019	180	117	-.277	.062	.074	-.531
170	440	-.219	.174	.573	-.762	170	612	.364	.145	.959	-.045	180	118	-.266	.046	.132	-.431
170	441	-.219	.080	.004	-.539	170	613	.351	.145	.967	-.004	180	119	-.293	.056	.121	-.551
170	442	-.641	.196	-.168	-1.567	170	614	.276	.117	.860	-.078	180	120	-.317	.086	.011	-.639
170	443	-.615	.190	-.146	-1.588	170	615	.292	.132	.891	-.071	180	121	-.351	.097	.052	-.677
170	444	-.613	.230	.047	-1.483	170	616	.039	.120	.484	-.357	180	122	-.281	.095	.010	-.991
170	445	-.274	.155	.204	-.985	170	617	-.255	.129	.199	-.813	180	123	-.287	.085	-.012	-.713
170	446	-.224	.104	.157	-.771	170	618	-.112	.065	.200	-.494	180	124	-.267	.067	-.066	-.541

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	125	-.257	.050	-.088	-.429	180	229	-.435	.161	.046	-1.327	180	327	.429	.142	.941	.042
180	126	-.287	.063	-.070	-.508	180	230	-.394	.150	.165	-1.127	180	328	.204	.113	.610	-.182
180	127	-.352	.085	-.094	-.631	180	231	-.415	.107	.026	-1.044	180	329	-.059	.101	.314	-.482
180	128	-.368	.103	-.074	-.714	180	232	-.464	.109	-.104	-.936	180	330	.303	.123	.804	-.015
180	129	-.225	.076	-.079	-.548	180	233	-.441	.099	-.170	-.814	180	331	.308	.138	.953	-.121
180	130	-.230	.072	-.015	-.555	180	234	-.518	.095	-.256	-.873	180	332	.170	.087	.494	-.107
180	131	-.270	.081	-.019	-.583	180	235	-.448	.090	-.205	-.769	180	333	.060	.093	.540	-.253
180	132	-.241	.073	-.036	-.496	180	236	-.372	.151	.061	-1.276	180	334	.212	.104	.636	-.088
180	133	-.301	.081	-.026	-.691	180	237	-.342	.136	.141	-1.244	180	335	.284	.118	.730	-.021
180	134	-.327	.077	-.097	-.721	180	238	-.463	.137	-.213	-1.122	180	336	.408	.135	.875	.046
180	135	-.356	.086	-.107	-.759	180	239	-.439	.111	-.035	-.912	180	337	.352	.140	.881	.018
180	136	-.384	.095	-.151	-.986	180	240	-.442	.099	.046	-.865	180	338	.131	.110	.516	-.190
180	137	-.398	.104	-.086	-.648	180	241	-.430	.109	-.150	-1.137	180	339	-.080	.094	.293	-.437
180	138	-.202	.082	-.094	-.639	180	242	-.522	.115	-.228	-1.247	180	340	.189	.088	.574	-.053
180	139	-.225	.083	.043	-.672	180	243	-.367	.100	-.035	-.784	180	341	.125	.135	.700	-.233
180	140	-.250	.104	.124	-.981	180	244	-.363	.140	.001	-1.250	180	342	.094	.069	.348	-.095
180	141	-.211	.087	.157	-.593	180	245	-.327	.126	.076	-1.159	180	343	.101	.074	.372	-.147
180	142	-.285	.094	-.015	-.775	180	246	-.385	.095	-.136	-.979	180	344	.164	.086	.523	-.099
180	143	-.319	.086	-.075	-.692	180	247	-.354	.116	.093	-.834	180	345	.138	.103	.600	-.166
180	144	-.317	.089	-.044	-.625	180	248	-.419	.130	-.155	-1.154	180	346	.279	.119	.747	-.033
180	145	-.320	.087	-.074	-.665	180	249	-.450	.120	-.068	-1.045	180	347	.290	.120	.807	-.068
180	146	-.326	.090	-.077	-.875	180	250	-.219	.070	.021	-.526	180	348	-.072	.100	.430	-.270
180	201	-.348	.185	.254	-1.144	180	251	-.141	.088	.269	-.509	180	349	-.195	.104	.261	-.627
180	202	-.360	.180	.256	-1.131	180	252	-.092	.107	.419	-.499	180	350	.157	.079	.451	-.078
180	203	-.443	.184	.162	-1.396	180	301	-.264	.116	.616	-.181	180	351	.298	.112	.828	-.030
180	204	-.538	.165	.272	-1.333	180	302	-.252	.085	.020	-.596	180	352	.057	.078	.387	-.204
180	205	-.552	.134	-.044	-1.308	180	303	-.025	.123	.582	-.408	180	353	-.084	.105	.405	-.445
180	206	-.507	.115	-.099	-1.266	180	304	-.432	.107	-.112	-.909	180	354	-.229	.119	.256	-.784
180	207	-.499	.111	-.205	-1.160	180	305	-.182	.133	.580	-.289	180	355	.082	.080	.506	-.126
180	208	-.405	.205	.129	-1.635	180	306	-.237	.127	.609	-.218	180	356	.230	.095	.627	-.014
180	209	-.408	.185	.104	-1.639	180	307	-.228	.126	.651	-.178	180	357	.163	.096	.489	-.088
180	210	-.433	.163	.164	-1.111	180	308	-.241	.125	.659	-.116	180	358	.239	.099	.571	-.033
180	211	-.525	.156	-.017	-1.177	180	309	-.134	.130	.582	-.274	180	359	.272	.116	.747	-.015
180	212	-.522	.141	-.110	-1.218	180	310	-.039	.110	.464	-.333	180	360	.398	.144	.975	-.042
180	213	-.518	.117	-.249	-1.088	180	311	-.499	.152	.950	-.025	180	361	.287	.120	.877	-.013
180	214	-.494	.118	.206	-1.026	180	312	.186	.118	.545	-.214	180	362	.141	.157	.824	-.433
180	215	-.421	.187	.086	-1.384	180	313	-.282	.152	.843	-.115	180	401	-.534	.096	-.284	-.970
180	216	-.436	.176	.052	-1.241	180	314	-.096	.104	.266	-.574	180	402	-.538	.105	-.192	-1.146
180	217	-.443	.140	.126	-1.054	180	315	-.385	.132	.843	-.012	180	403	-.535	.127	-.105	-1.381
180	218	-.484	.146	-.069	-1.296	180	316	-.439	.139	.924	.003	180	404	-.612	.181	-.038	-1.675
180	219	-.477	.124	-.064	-1.549	180	317	-.455	.152	.011	-.023	180	405	-.429	.184	-.128	-1.482
180	220	-.454	.100	-.141	-.984	180	318	-.461	.143	.002	-.085	180	406	-.409	.186	-.171	-1.614
180	221	-.462	.102	-.160	-.982	180	319	-.248	.120	.695	-.135	180	407	-.338	.125	-.139	-.863
180	222	-.463	.179	.094	-1.389	180	320	-.053	.098	.447	-.219	180	408	-.443	.136	-.072	-1.034
180	223	-.456	.170	.024	-1.361	180	321	-.406	.151	.956	-.025	180	409	-.367	.132	-.106	-1.053
180	224	-.444	.126	-.020	-.979	180	322	-.238	.113	.599	-.145	180	410	-.299	.215	-.565	-1.172
180	225	-.497	.123	-.039	-1.267	180	323	-.132	.104	.558	-.205	180	411	-.494	.104	-.197	-1.099
180	226	-.471	.112	-.059	-1.366	180	324	-.356	.128	.848	-.022	180	412	-.608	.111	-.286	-1.270
180	227	-.443	.090	-.162	-.991	180	325	-.357	.145	.906	-.078	180	413	-.574	.123	-.176	-1.128
180	228	-.441	.089	-.171	-1.073	180	326	-.461	.149	.997	-.002	180	414	-.534	.159	-.164	-1.328

APPENDIX A -- PRESSURE DATA:

CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	415	-.376	.160	.221	-1.065	180	502	-.298	.103	-.058	-.737	180	709	-.605	.150	-.196	-1.522
180	416	-.465	.158	.047	-1.162	180	503	-.438	.148	-.099	-1.106	180	710	-.605	.225	-.109	-1.909
180	417	-.341	.115	.128	-.870	180	504	-.049	.062	.200	-.337	180	711	-.452	.110	-.106	-.979
180	418	-.298	.114	.098	-.741	180	505	-.394	.150	.060	-1.284	180	712	-.551	.109	-.099	-1.076
180	419	-.311	.113	.066	-.836	180	506	-.315	.110	.011	-.794	180	713	-.507	.110	-.219	-1.059
180	420	-.392	.184	.395	-1.217	180	507	-.036	.047	.152	-.326	180	714	-.525	.122	-.198	-1.299
180	421	-.335	.117	.051	-.771	180	508	-.072	.088	.240	-.826	180	715	-.528	.092	-.227	-.891
180	422	-.486	.096	.192	-.881	180	509	-.362	.237	.126	-1.583	180	716	-.523	.093	-.225	-.918
180	423	-.455	.095	.160	-.843	180	510	-.025	.063	.295	-.286	190	101	-.299	.106	-.019	-.855
180	424	-.603	.132	.196	-1.517	180	511	-.004	.045	.170	-.230	190	102	-.293	.102	-.025	-.929
180	425	-.520	.148	.016	-1.150	180	512	-.017	.064	.473	-.188	190	103	-.293	.088	-.007	-.679
180	426	-.430	.159	.044	-1.096	180	513	-.026	.079	.310	-.335	190	104	-.265	.076	-.057	-.743
180	427	-.396	.182	.091	-1.285	180	514	-.052	.096	.585	-.224	190	105	-.242	.047	-.119	-.466
180	428	-.404	.132	.052	-1.029	180	515	-.087	.117	.744	-.255	190	106	-.237	.060	-.008	-.589
180	429	-.338	.125	.103	-.890	180	516	-.298	.147	.233	-.927	190	107	-.241	.063	-.040	-.572
180	430	-.371	.164	.443	-1.220	180	517	-.120	.139	.531	-.546	190	108	-.276	.078	-.057	-.751
180	431	-.319	.124	.066	-.793	180	601	-.200	.103	.630	-.058	190	109	-.273	.071	-.057	-.626
180	432	-.599	.126	.283	-1.204	180	602	-.149	.052	.027	-.410	190	110	-.258	.058	-.052	-.502
180	433	-.533	.121	.224	-1.272	180	603	-.241	.099	.616	-.002	190	111	-.263	.050	-.104	-.497
180	434	-.567	.139	.054	-1.277	180	604	-.381	.130	.857	-.033	190	112	-.247	.050	-.102	-.493
180	435	-.497	.152	.020	-1.191	180	605	-.376	.130	.888	-.013	190	113	-.248	.056	-.048	-.537
180	436	-.500	.167	.013	-1.169	180	607	-.530	.158	.172	-1.671	190	114	-.247	.060	-.042	-.649
180	437	-.422	.172	.061	-1.158	180	608	-.087	.104	.705	-.308	190	115	-.316	.060	-.087	-.584
180	438	-.362	.130	.066	-1.017	180	610	-.157	.102	.680	-.193	190	116	-.284	.054	-.082	-.826
180	439	-.319	.124	.095	-.858	180	611	-.267	.119	.774	-.000	190	117	-.260	.042	-.122	-.461
180	440	-.382	.186	.265	-1.219	180	612	-.384	.154	.063	-.035	190	118	-.253	.042	-.132	-.455
180	441	-.289	.108	.014	-.743	180	613	-.363	.154	.024	-.032	190	119	-.268	.048	-.126	-.453
180	442	-.653	.183	.194	-1.633	180	614	-.261	.127	.833	-.144	190	120	-.251	.056	-.107	-.518
180	443	-.620	.184	.144	-1.678	180	615	-.283	.143	.934	-.075	190	121	-.248	.059	-.083	-.566
180	444	-.705	.198	.036	-1.507	180	616	-.023	.127	.521	-.460	190	122	-.307	.078	-.062	-.644
180	445	-.421	.173	.078	-1.148	180	617	-.338	.140	.072	-.943	190	123	-.302	.066	-.078	-.657
180	446	-.354	.141	.178	-.855	180	618	-.110	.067	.125	-.435	190	124	-.260	.048	-.024	-.442
180	447	-.266	.117	.158	-.800	180	619	-.030	.060	.193	-.273	190	125	-.274	.049	-.126	-.533
180	448	-.395	.112	.096	-.902	180	620	-.228	.124	.678	-.232	190	126	-.286	.057	-.132	-.569
180	449	-.320	.103	.054	-.780	180	621	-.071	.123	.532	-.476	190	127	-.290	.065	-.124	-.638
180	450	-.234	.173	.462	-.922	180	622	-.056	.052	.150	-.329	190	128	-.276	.069	-.094	-.615
180	451	-.638	.205	.173	-1.869	180	623	-.049	.069	.344	-.155	190	129	-.221	.068	-.026	-.652
180	452	-.771	.238	.261	-2.283	180	624	-.134	.072	.460	-.092	190	130	-.216	.060	-.028	-.586
180	453	-.639	.226	.041	-2.041	180	625	-.031	.081	.319	-.568	190	131	-.229	.050	-.070	-.463
180	454	-.535	.181	.108	-1.576	180	626	-.006	.052	.214	-.146	190	132	-.267	.070	-.001	-.585
180	455	-.207	.074	.008	-.588	180	627	-.120	.070	.421	-.061	190	133	-.319	.077	-.162	-.762
180	456	-.528	.169	.066	-1.397	180	628	-.009	.057	.217	-.274	190	134	-.319	.089	-.117	-.763
180	457	-.470	.169	.089	-1.250	180	701	-.474	.170	.292	-1.407	190	135	-.334	.088	-.124	-.807
180	458	-.314	.102	.028	-.788	180	702	-.355	.133	.183	-1.095	190	136	-.293	.087	-.104	-.874
180	459	-.229	.085	.069	-.699	180	703	-.410	.134	.080	-1.351	190	137	-.309	.091	-.134	-.908
180	460	-.327	.094	.038	-.837	180	704	-.354	.116	.028	-1.150	190	138	-.167	.051	-.035	-.405
180	461	-.303	.114	.054	-.835	180	705	-.570	.124	.213	-1.172	190	139	-.184	.050	-.017	-.412
180	462	-.280	.087	.089	-.690	180	706	-.434	.147	.044	-1.245	190	140	-.179	.046	-.016	-.435
180	463	-.051	.112	.465	-.522	180	707	-.426	.110	.084	-1.041	190	141	-.224	.054	-.029	-.561
180	501	-.044	.100	.359	-.436	180	708	-.368	.098	.107	-.797	190	142	-.252	.058	-.072	-.636

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	143	-.303	.077	-.044	-.708	190	247	-.240	.091	.144	-.661	190	345	.056	.114	.498	-.285
190	144	-.326	.109	-.111	-.172	190	248	-.276	.113	.206	-.841	190	346	.199	.140	.682	-.155
190	145	-.245	.057	-.076	-.640	190	249	-.355	.129	.051	-.922	190	347	.206	.125	.644	-.182
190	146	-.269	.062	-.052	-.686	190	250	-.151	.056	.081	-.385	190	348	.019	.098	.407	-.315
190	201	-.228	.067	.052	-.703	190	251	-.081	.095	.437	-.411	190	349	-.224	.097	.160	-.566
190	202	-.208	.064	.046	-.711	190	252	-.051	.109	.450	-.478	190	350	.156	.076	.487	-.042
190	203	-.227	.094	.134	-1.001	190	301	-.249	.112	.561	-.162	190	351	.261	.131	.813	-.075
190	204	-.346	.137	.010	-1.016	190	302	-.270	.093	.010	-.699	190	352	.002	.082	.347	-.290
190	205	-.575	.193	.041	-1.346	190	303	.011	.112	.358	-.375	190	353	.122	.097	.346	-.486
190	206	-.726	.165	.109	-1.565	190	304	-.401	.100	.022	-.777	190	354	.226	.105	.256	-.666
190	207	-.740	.176	.251	-1.875	190	305	.235	.143	.696	-.238	190	355	.086	.076	.458	-.144
190	208	-.246	.039	.033	-.678	190	306	.276	.134	.732	-.175	190	356	.255	.113	.785	-.043
190	209	-.241	.064	.024	-.599	190	307	.248	.122	.701	-.135	190	357	.178	.111	.624	-.123
190	210	-.229	.103	.114	-.763	190	308	.240	.115	.623	-.133	190	358	.235	.108	.689	-.055
190	211	-.351	.176	.072	-1.058	190	309	.089	.113	.471	-.361	190	359	.278	.123	.744	-.032
190	212	-.654	.189	.006	-1.605	190	310	.004	.092	.384	-.370	190	360	.349	.154	.002	-.013
190	213	-.719	.137	.257	-1.280	190	311	.504	.099	1.034	-.044	190	361	.316	.143	.010	-.052
190	214	-.686	.141	.280	-1.315	190	312	.261	.116	.669	-.094	190	362	.081	.158	.622	-.537
190	215	-.246	.083	.026	-.769	190	313	.358	.153	.834	-.148	190	401	.411	.075	-.172	-.754
190	216	-.235	.091	.057	-.763	190	314	.013	.117	.479	-.317	190	402	.423	.083	-.173	-.925
190	217	-.277	.147	.162	-.832	190	315	.451	.150	.930	.029	190	403	.438	.122	.078	-.123
190	218	-.412	.203	.136	-1.046	190	316	.470	.150	1.001	.044	190	404	.562	.185	.022	-.1725
190	219	-.614	.205	.103	-1.725	190	317	.453	.155	1.002	.045	190	405	.432	.192	.301	-.1640
190	220	-.644	.147	.012	-1.396	190	318	.430	.143	.899	-.007	190	406	.428	.193	.252	-.1563
190	221	-.646	.147	.049	-1.440	190	319	.193	.113	.644	-.163	190	407	.331	.124	.134	-.790
190	222	-.254	.090	.084	-.984	190	320	.022	.087	.354	-.290	190	408	.444	.136	.090	-.1064
190	223	-.244	.113	.055	-1.044	190	321	.416	.157	.937	-.125	190	409	.367	.135	.204	-.854
190	224	-.264	.167	.412	-.989	190	322	.299	.124	.692	-.117	190	410	.354	.182	.374	-.1193
190	225	-.410	.219	.160	-1.314	190	323	.180	.114	.573	-.190	190	411	.354	.084	-.119	-.800
190	226	-.556	.212	.194	-1.310	190	324	.413	.141	.984	.007	190	412	.465	.091	-.197	-.991
190	227	-.614	.197	.031	-1.713	190	325	.403	.154	.922	-.038	190	413	.439	.110	.081	-.1075
190	228	-.611	.181	.012	-1.565	190	326	.468	.147	1.004	.033	190	414	.456	.138	-.020	-.1298
190	229	-.293	.079	.121	-.647	190	327	.410	.146	.823	.011	190	415	.367	.136	.127	-.901
190	230	-.243	.076	.054	-.670	190	328	.166	.103	.506	-.148	190	416	.477	.143	.030	-.1051
190	231	-.268	.103	.079	-.721	190	329	.085	.086	.208	-.396	190	417	.349	.112	.019	-.809
190	232	-.357	.143	.084	-1.021	190	330	.351	.144	.849	-.057	190	418	.331	.109	.102	-.862
190	233	-.419	.136	.020	-1.024	190	331	.255	.135	.744	-.092	190	419	.311	.105	.045	-.993
190	234	-.519	.122	.165	-1.222	190	332	.167	.093	.468	-.099	190	420	.429	.139	.060	-.1147
190	235	-.440	.112	.130	-1.016	190	333	.024	.093	.443	-.255	190	421	.364	.100	.019	-.802
190	236	-.272	.080	.187	-.704	190	334	.199	.113	.637	-.080	190	422	.402	.080	-.154	-.983
190	237	-.226	.073	.107	-.581	190	335	.260	.131	.675	-.099	190	423	.370	.079	.132	-.1083
190	238	-.265	.107	.223	-.836	190	336	.378	.151	.921	-.029	190	424	.514	.102	-.169	-.1290
190	239	-.280	.127	.075	-.914	190	337	.313	.148	.854	-.105	190	425	.456	.115	.119	-.1075
190	240	-.366	.123	.144	-1.119	190	338	.095	.105	.549	-.287	190	426	.437	.118	-.056	-.889
190	241	-.339	.123	.022	-1.027	190	339	.100	.085	.249	-.464	190	427	.406	.133	.013	-.988
190	242	-.425	.130	.098	-1.132	190	340	.170	.090	.477	-.118	190	428	.453	.113	-.094	-.1006
190	243	-.296	.095	.067	-.884	190	341	.047	.125	.596	-.303	190	429	.379	.106	.039	-.859
190	244	-.250	.113	.130	-1.071	190	342	.069	.068	.320	-.145	190	430	.400	.120	.138	-.1243
190	245	-.220	.097	.056	-.923	190	343	.064	.085	.427	-.206	190	431	.349	.103	.008	-.701
190	246	-.309	.069	.130	-.659	190	344	.102	.094	.456	-.189	190	432	.554	.099	-.287	-.1026

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	433	-.482	.094	-.229	-.934	190	603	-.236	.102	-.824	-.103	200	111	-.286	.039	-.178	-.468
190	434	-.519	.118	-.178	-.1.209	190	604	-.339	.135	1.095	-.028	200	112	-.267	.037	-.165	-.425
190	435	-.483	.127	-.093	-.1.075	190	605	-.317	.141	-.985	-.025	200	113	-.267	.041	-.144	-.434
190	436	-.540	.145	-.002	-.1.174	190	607	-.400	.153	-.030	-.1.272	200	114	-.266	.042	-.140	-.440
190	437	-.460	.144	-.054	-.1.047	190	608	-.125	.129	-.661	-.319	200	115	-.329	.047	-.158	-.571
190	438	-.409	.123	-.068	-.1.045	190	610	-.202	.129	-.702	-.258	200	116	-.303	.045	-.175	-.490
190	439	-.363	.116	-.018	-.817	190	611	-.268	.131	-.876	-.082	200	117	-.292	.039	-.151	-.448
190	440	-.473	.167	-.218	-.1.200	190	612	-.343	.165	1.093	-.069	200	118	-.300	.040	-.177	-.460
190	441	-.318	.102	-.004	-.692	190	613	-.333	.176	1.148	-.099	200	119	-.311	.039	-.199	-.461
190	442	-.566	.149	-.216	-.1.446	190	614	-.248	.144	-.996	-.160	200	120	-.289	.039	-.165	-.450
190	443	-.530	.150	-.185	-.1.461	190	615	-.283	.158	1.006	-.119	200	121	-.293	.038	-.170	-.441
190	444	-.636	.166	-.116	-.1.697	190	616	-.057	.127	-.445	-.608	200	122	-.358	.054	-.143	-.747
190	445	-.426	.146	-.034	-.1.004	190	617	-.344	.113	-.047	-.882	200	123	-.354	.049	-.151	-.583
190	446	-.337	.129	-.006	-.980	190	618	-.046	.090	-.337	-.441	200	124	-.326	.045	-.182	-.497
190	447	-.317	.117	-.016	-.834	190	619	-.046	.102	-.605	-.268	200	125	-.335	.047	-.203	-.564
190	448	-.399	.113	-.141	-.903	190	620	-.131	.127	-.663	-.453	200	126	-.333	.047	-.207	-.605
190	449	-.310	.103	-.056	-.772	190	621	-.015	.159	-.496	-.694	200	127	-.339	.045	-.199	-.535
190	450	-.242	.150	-.728	-.930	190	622	-.022	.083	-.413	-.221	200	128	-.322	.045	-.177	-.532
190	451	-.527	.166	-.153	-.1.775	190	623	-.112	.082	-.495	-.159	200	129	-.289	.054	-.113	-.491
190	452	-.651	.188	-.167	-.1.825	190	624	-.107	.080	-.479	-.324	200	130	-.282	.050	-.106	-.504
190	453	-.534	.188	-.011	-.1.742	190	625	-.098	.100	-.215	-.675	200	131	-.295	.048	-.144	-.499
190	454	-.499	.156	-.123	-.1.379	190	626	-.067	.077	-.406	-.155	200	132	-.352	.061	-.123	-.584
190	455	-.193	.078	-.016	-.588	190	627	-.135	.084	-.693	-.089	200	133	-.386	.067	-.226	-.682
190	456	-.437	.151	-.014	-.1.230	190	628	-.055	.073	-.171	-.351	200	134	-.381	.069	-.197	-.715
190	457	-.417	.135	-.036	-.947	190	701	-.353	.138	1.05	-.1.139	200	135	-.393	.067	-.209	-.676
190	458	-.268	.085	-.027	-.765	190	702	-.295	.123	-.214	-.877	200	136	-.278	.049	-.123	-.542
190	459	-.195	.074	-.006	-.638	190	703	-.384	.196	-.056	-.1.420	200	137	-.309	.068	-.144	-.701
190	460	-.302	.086	-.096	-.780	190	704	-.210	.102	-.228	-.788	200	138	-.187	.046	-.030	-.442
190	461	-.308	.123	-.029	-.974	190	705	-.526	.115	-.141	-.1.031	200	139	-.200	.043	-.046	-.386
190	462	-.257	.090	-.032	-.629	190	706	-.393	.146	-.166	-.1.052	200	140	-.203	.042	-.036	-.376
190	463	-.011	.095	-.566	-.329	190	707	-.326	.148	-.221	-.997	200	141	-.246	.048	-.061	-.503
190	501	-.066	.103	-.355	-.453	190	708	-.243	.121	-.158	-.747	200	142	-.304	.055	-.027	-.560
190	502	-.331	.091	-.082	-.803	190	709	-.623	.162	-.079	-.1.235	200	143	-.394	.086	-.163	-.818
190	503	-.427	.121	-.094	-.960	190	710	-.371	.118	-.234	-.952	200	144	-.475	.134	-.150	-.1.154
190	504	-.115	.078	-.194	-.516	190	711	-.395	.138	-.194	-.1.289	200	145	-.241	.041	-.104	-.437
190	505	-.396	.128	-.014	-.969	190	712	-.526	.108	-.191	-.1.046	200	146	-.287	.050	-.143	-.538
190	506	-.359	.095	-.063	-.706	190	713	-.597	.131	-.219	-.1.335	200	201	-.212	.037	-.075	-.390
190	507	-.087	.061	-.110	-.353	190	714	-.497	.114	-.169	-.1.290	200	202	-.174	.034	-.029	-.415
190	508	-.137	.107	-.147	-.871	190	715	-.520	.095	-.242	-.084	200	203	-.135	.040	-.019	-.335
190	509	-.402	.238	-.122	-.1.537	190	716	-.477	.097	-.194	-.1.200	200	204	-.173	.045	-.000	-.546
190	510	-.083	.074	-.296	-.361	200	101	-.302	.093	-.028	-.869	200	205	-.194	.067	-.086	-.789
190	511	-.062	.061	-.159	-.289	200	102	-.293	.087	-.047	-.784	200	206	-.454	.288	-.135	-.1.545
190	512	-.010	.084	-.514	-.278	200	103	-.297	.086	-.072	-.976	200	207	-.680	.281	-.241	-.1.900
190	513	-.092	.087	-.297	-.407	200	104	-.280	.063	-.096	-.747	200	208	-.253	.036	-.145	-.413
190	514	-.024	.107	-.456	-.361	200	105	-.278	.038	-.156	-.427	200	209	-.222	.033	-.084	-.396
190	515	-.010	.128	-.536	-.373	200	106	-.266	.043	-.113	-.435	200	210	-.121	.038	-.073	-.440
190	516	-.340	.144	-.149	-.990	200	107	-.260	.043	-.116	-.438	200	211	-.081	.054	-.128	-.399
190	517	-.089	.135	-.452	-.489	200	108	-.286	.060	-.039	-.604	200	212	-.194	.196	-.169	-.1.228
190	601	-.257	.129	-.705	-.073	200	109	-.276	.056	-.118	-.590	200	213	-.557	.210	-.177	-.1.302
190	602	-.099	.061	-.188	-.306	200	110	-.270	.048	-.126	-.528	200	214	-.543	.174	-.251	-.1.394

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	215	-.269	.039	-.134	-.439	200	313	.419	.154	.864	-.043	200	401	-.367	.064	-.147	-.865
200	216	-.222	.035	-.054	-.364	200	314	.184	.139	.700	-.329	200	402	-.372	.066	-.174	-.721
200	217	-.148	.044	-.127	-.403	200	315	.493	.148	.904	-.025	200	403	-.417	.096	-.086	-.1.067
200	218	-.083	.081	.219	-.584	200	316	.525	.151	.976	.087	200	404	-.419	.121	-.018	-.1.205
200	219	-.257	.252	.241	-1.480	200	317	.440	.150	.914	-.010	200	405	-.421	.152	-.013	-.1.559
200	220	-.483	.198	.230	-1.391	200	318	.374	.129	.832	-.010	200	406	-.429	.158	.048	-.1.484
200	221	-.498	.169	.240	-1.410	200	319	.122	.092	.422	-.203	200	407	-.366	.094	.047	-.801
200	222	-.280	.047	-.108	-.482	200	320	-.026	.068	.220	-.285	200	408	-.375	.100	.055	-.875
200	223	-.222	.042	-.016	-.406	200	321	.433	.155	.944	-.033	200	409	-.370	.104	.079	-.878
200	224	-.138	.053	.100	-.381	200	322	.377	.140	.807	-.022	200	410	-.376	.139	.152	-.880
200	225	-.103	.077	.232	-.736	200	323	.303	.130	.764	-.070	200	411	-.326	.054	-.150	-.551
200	226	-.130	.180	.298	-1.097	200	324	.453	.136	.932	-.019	200	412	-.330	.054	-.149	-.547
200	227	-.395	.272	.220	-1.662	200	325	.419	.145	.949	.038	200	413	-.354	.059	.167	-.776
200	228	-.450	.226	.211	-1.447	200	326	.430	.133	.879	-.077	200	414	-.378	.071	.202	-.840
200	229	-.314	.063	-.101	-.612	200	327	.347	.125	.766	-.001	200	415	-.383	.080	.101	-.791
200	230	-.247	.059	-.024	-.499	200	328	.097	.086	.437	-.244	200	416	-.385	.081	.113	-.794
200	231	-.196	.055	-.014	-.435	200	329	.137	.070	.128	-.466	200	417	-.365	.079	.119	-.784
200	232	-.196	.070	.058	-.522	200	330	.395	.135	.830	-.012	200	418	-.359	.074	.112	-.813
200	233	-.203	.091	.085	-.678	200	331	.193	.102	.607	-.125	200	419	-.375	.083	.106	-.877
200	234	-.430	.141	.050	-1.117	200	332	.165	.085	.471	-.060	200	420	-.393	.107	.073	-.1.250
200	235	-.392	.129	.045	-1.024	200	333	.039	.092	.388	-.230	200	421	-.379	.068	.152	-.630
200	236	-.343	.066	.082	-.688	200	334	.157	.089	.493	-.127	200	422	-.350	.058	.164	-.580
200	237	-.269	.057	.075	-.514	200	335	.173	.093	.517	-.089	200	423	-.357	.058	.167	-.587
200	238	-.143	.064	.065	-.388	200	336	.277	.122	.737	-.031	200	424	-.381	.064	.203	-.728
200	239	-.044	.082	.222	-.339	200	337	.240	.137	.734	-.113	200	425	-.410	.074	.179	-.794
200	240	-.082	.123	.348	-.643	200	338	.030	.080	.346	-.257	200	426	-.423	.072	.216	-.731
200	241	-.116	.091	.312	-.463	200	339	.147	.069	.224	-.424	200	427	-.438	.085	.194	-.1.101
200	242	-.197	.085	.145	-.553	200	340	.122	.069	.382	-.072	200	428	-.388	.068	.179	-.716
200	243	-.269	.047	.137	-.473	200	341	.102	.080	.438	-.563	200	429	-.384	.066	.176	-.657
200	244	-.167	.071	.106	-.472	200	342	.036	.049	.214	-.120	200	430	-.401	.074	.157	-.882
200	245	-.153	.056	.077	-.393	200	343	.015	.055	.248	-.222	200	431	-.417	.072	.165	-.698
200	246	-.300	.046	.110	-.503	200	344	.021	.055	.246	-.381	200	432	-.455	.073	.232	-.868
200	247	-.233	.045	.085	-.417	200	345	.050	.058	.198	-.343	200	433	-.456	.073	.243	-.858
200	248	-.238	.051	.055	-.485	200	346	.040	.080	.503	-.172	200	434	-.474	.078	.263	-.955
200	249	-.235	.063	.069	-.518	200	347	.070	.124	.645	-.272	200	435	-.510	.107	.261	-.1.271
200	250	-.193	.037	.021	-.346	200	348	-.043	.103	.360	-.432	200	436	-.487	.101	.104	-.929
200	251	-.170	.055	.086	-.363	200	349	.261	.093	.108	-.596	200	437	-.484	.101	.053	-.903
200	252	-.124	.078	.280	-.357	200	350	.191	.084	.511	-.025	200	438	-.432	.079	.181	-.757
200	301	-.170	.109	.466	-.268	200	351	.144	.118	.714	-.227	200	439	-.433	.077	.197	-.723
200	302	-.227	.090	.055	-.702	200	352	-.098	.091	.268	-.543	200	440	-.446	.085	.175	-.875
200	303	-.002	.106	.367	-.363	200	353	.215	.103	.130	-.606	200	441	-.387	.070	.137	-.680
200	304	-.373	.119	.147	-.835	200	354	-.271	.101	.072	-.638	200	442	-.491	.088	.282	-.1.002
200	305	-.309	.139	.751	-.115	200	355	.189	.097	.531	-.111	200	443	-.493	.090	.261	-.931
200	306	-.315	.125	.722	-.095	200	356	.316	.111	.708	-.063	200	444	-.500	.094	.284	-.1.038
200	307	-.227	.116	.750	-.189	200	357	.252	.118	.703	-.153	200	445	-.491	.095	.219	-.908
200	308	-.185	.105	.642	-.166	200	358	.299	.120	.777	-.082	200	446	-.415	.090	-.093	-.854
200	309	-.001	.096	.386	-.383	200	359	.324	.137	1.069	-.032	200	447	-.417	.088	-.095	-.937
200	310	-.063	.076	.259	-.416	200	360	.326	.137	.865	-.023	200	448	-.413	.086	-.123	-.754
200	311	-.499	.152	.275	-.016	200	361	.236	.144	.899	-.111	200	449	-.388	.079	.142	-.712
200	312	-.359	.133	.744	-.101	200	362	-.059	.183	.477	-.693	200	450	-.324	.091	.256	-.804

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2000	4501	477	118	123	-1	2000	623	261	122	719	-028	210	129	361	055	190	595
2000	4502	472	123	108	-1	2000	624	177	131	735	-393	210	130	362	054	186	595
2000	4503	442	142	117	-1	2000	625	254	130	154	-905	210	131	390	058	211	603
2000	4504	456	100	228	-1	2000	626	132	085	441	-134	210	132	408	067	231	732
2000	4505	286	061	094	-1	2000	627	275	142	951	-255	210	133	403	063	226	750
2000	4506	284	124	110	-1	2000	628	157	064	050	-471	210	134	404	063	231	739
2000	4507	372	101	055	-1	2000	701	208	073	044	-497	210	135	418	062	254	712
2000	4508	294	065	046	-1	2000	702	240	076	061	-637	210	136	243	043	076	422
2000	4509	273	060	091	-1	2000	703	304	084	049	-799	210	137	268	054	121	587
2000	4600	286	064	092	-1	2000	704	284	086	066	-668	210	138	214	061	005	587
2000	4601	401	111	100	-1	2000	705	360	100	061	-744	210	139	228	057	032	525
2000	4602	333	072	157	-1	2000	706	326	119	240	-774	210	140	247	058	066	514
2000	4603	126	073	312	-1	2000	707	038	101	369	-417	210	141	299	052	083	559
2000	5001	165	135	412	-1	2000	708	044	085	297	-379	210	142	320	055	062	642
2000	5002	377	071	154	-1	2000	709	601	154	137	-1238	210	143	376	080	092	770
2000	5003	426	083	167	-1	2000	710	200	100	200	-647	210	144	415	109	084	004
2000	5004	290	117	031	-1	2000	711	104	144	581	-650	210	145	233	039	095	397
2000	5005	356	113	004	-1	2000	712	524	101	085	-965	210	146	264	046	122	469
2000	5006	393	074	128	-1	2000	713	579	171	111	-1296	210	201	189	037	062	346
2000	5007	190	078	029	-1	2000	714	520	109	207	-1296	210	202	143	041	014	284
2000	5008	261	131	071	-1	2000	715	561	092	283	-1043	210	203	085	051	150	299
2000	5009	293	133	011	-1	2000	716	507	101	199	-1069	210	204	110	059	138	300
2000	5010	227	076	105	-1	2000	101	314	121	078	-1524	210	205	115	062	109	567
2000	5011	133	060	079	-1	2000	102	306	114	077	-1432	210	206	018	111	289	967
2000	5012	103	098	430	-1	2000	103	317	109	065	-1302	210	207	096	256	445	195
2000	5013	164	085	184	-1	2000	104	309	054	126	-622	210	208	252	036	139	387
2000	5014	182	109	322	-1	2000	105	300	041	167	-457	210	209	197	035	063	317
2000	5015	167	119	443	-1	2000	106	282	046	137	-444	210	210	055	049	174	186
2000	5016	325	087	012	-1	2000	107	276	039	136	-438	210	211	014	060	236	200
2000	5017	109	124	493	-1	2000	108	302	068	076	-829	210	212	051	077	307	332
2000	5018	322	135	778	-1	2000	109	302	067	131	-1109	210	213	009	233	414	108
2000	5019	069	078	371	-1	2000	110	311	059	159	-1056	210	214	129	249	541	012
2000	5020	281	115	736	-1	2000	111	333	042	223	-583	210	215	283	038	129	395
2000	5021	311	121	769	-1	2000	112	303	038	181	-437	210	216	211	035	072	332
2000	5022	224	124	878	-1	2000	113	284	036	174	-405	210	217	090	046	126	228
2000	5023	194	098	177	-1	2000	114	284	037	164	-412	210	218	008	056	264	166
2000	5024	165	126	796	-1	2000	115	361	049	211	-629	210	219	076	089	376	659
2000	5025	253	178	911	-1	2000	116	342	047	214	-639	210	220	039	248	490	870
2000	5026	369	163	922	-1	2000	117	347	046	212	-702	210	221	147	243	615	046
2000	5027	317	150	158	-1	2000	118	360	046	221	-553	210	222	321	046	161	467
2000	5028	266	180	992	-1	2000	119	360	043	237	-559	210	223	227	047	007	407
2000	5029	258	165	105	-1	2000	120	332	042	214	-499	210	224	095	058	186	305
2000	5030	239	198	197	-1	2000	121	324	041	193	-495	210	225	057	057	191	259
2000	5031	072	136	436	-1	2000	122	388	054	243	-696	210	226	012	061	244	517
2000	5032	332	074	094	-1	2000	123	400	054	230	-685	210	227	040	148	257	933
2000	5033	004	085	364	-1	2000	124	394	059	209	-759	210	228	109	201	309	964
2000	5034	231	134	769	-1	2000	125	432	072	247	-840	210	229	349	058	160	637
2000	5035	169	149	681	-1	2000	126	417	057	258	-801	210	230	239	054	042	463
2000	5036	190	156	443	-1	2000	127	421	051	281	-649	210	231	164	051	014	437
2000	5037	073	083	386	-1	2000	128	402	050	259	-627	210	232	157	063	047	453

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	233	143	072	137	480	210	331	196	102	537	321	210	419	346	063	156	722
210	234	264	090	074	789	210	332	228	098	558	031	210	420	380	092	133	878
210	235	232	112	065	863	210	333	142	110	528	178	210	421	361	055	195	553
210	236	324	055	165	575	210	334	152	085	453	322	210	422	340	050	170	581
210	237	240	050	090	462	210	335	142	083	419	097	210	423	347	049	190	586
210	238	114	070	246	347	210	336	166	093	519	085	210	424	365	051	207	589
210	239	016	070	347	249	210	337	117	121	705	208	210	425	385	055	227	608
210	240	034	081	268	299	210	338	031	082	325	294	210	426	409	063	234	671
210	241	037	082	370	314	210	339	182	067	044	419	210	427	419	072	225	707
210	242	126	081	205	467	210	340	147	071	402	105	210	428	395	066	214	660
210	243	246	040	103	438	210	341	178	084	028	576	210	429	387	062	207	628
210	244	199	069	148	484	210	342	029	056	221	219	210	430	421	085	236	823
210	245	172	054	085	472	210	343	008	058	184	203	210	431	397	055	163	608
210	246	294	040	145	464	210	344	057	091	171	548	210	432	436	062	231	656
210	247	220	038	082	368	210	345	123	087	117	492	210	433	435	061	235	718
210	248	244	041	108	424	210	346	022	070	267	292	210	434	444	065	255	718
210	249	258	058	089	637	210	347	048	076	515	297	210	435	479	085	265	110
210	250	194	034	045	324	210	348	146	102	334	462	210	436	475	083	257	930
210	251	218	041	033	342	210	349	341	095	038	647	210	437	477	087	225	929
210	252	194	060	078	471	210	350	215	088	513	040	210	438	400	058	234	628
210	301	101	095	392	186	210	351	050	089	484	215	210	439	405	058	235	623
210	302	162	097	156	579	210	352	200	074	081	682	210	440	417	062	181	737
210	303	022	100	440	309	210	353	327	061	059	635	210	441	403	058	227	648
210	304	233	195	361	772	210	354	367	066	035	662	210	442	466	074	263	944
210	305	346	137	743	094	210	355	204	093	613	054	210	443	471	075	262	957
210	306	314	119	647	048	210	356	319	115	762	020	210	444	469	076	216	933
210	307	185	101	597	155	210	357	263	122	710	053	210	445	482	089	215	231
210	308	141	092	453	163	210	358	272	127	780	148	210	446	461	085	153	951
210	309	062	082	218	386	210	359	302	138	765	169	210	447	443	082	219	969
210	310	111	063	116	360	210	360	361	136	974	032	210	448	457	078	252	761
210	311	464	158	864	048	210	361	155	114	697	173	210	449	435	071	244	693
210	312	452	147	943	034	210	362	291	112	179	750	210	450	393	074	101	744
210	313	451	157	002	036	210	401	340	057	162	586	210	451	458	081	235	895
210	314	362	164	898	138	210	402	346	057	153	623	210	452	462	083	231	923
210	315	490	157	928	009	210	403	383	083	094	831	210	453	416	098	182	059
210	316	507	148	974	064	210	404	370	089	040	1035	210	454	446	087	241	877
210	317	374	139	804	091	210	405	381	112	053	1039	210	455	341	061	141	653
210	318	292	113	629	146	210	406	397	124	044	079	210	456	354	106	046	799
210	319	034	078	287	227	210	407	350	082	099	710	210	457	388	078	147	760
210	320	089	056	166	307	210	408	339	081	107	732	210	458	333	063	122	626
210	321	451	157	933	023	210	409	340	086	030	835	210	459	313	063	059	621
210	322	465	149	929	013	210	410	347	114	236	875	210	460	321	067	049	634
210	323	439	146	957	013	210	411	314	046	153	502	210	461	418	115	113	021
210	324	472	138	911	100	210	412	317	045	159	501	210	462	349	074	108	759
210	325	412	142	862	033	210	413	331	046	165	511	210	463	218	082	183	576
210	326	379	119	747	053	210	414	352	057	182	631	210	501	318	087	368	715
210	327	273	107	637	100	210	415	363	067	148	722	210	502	425	069	206	821
210	328	028	067	249	214	210	416	362	067	159	692	210	503	424	078	185	853
210	329	196	054	015	398	210	417	349	064	150	678	210	504	373	099	056	922
210	330	450	144	956	053	210	418	336	065	156	681	210	505	317	083	050	842

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
210	506	-.437	.069	-.235	-.709	210	713	-.464	.130	-.148	-1.209	220	201	-.153	.047	.025	-.336
210	507	-.217	.083	-.053	-.557	210	714	-.566	.142	-.213	-1.264	220	202	-.102	.050	.123	-.271
210	508	-.362	.122	-.009	-1.066	210	715	-.573	.095	-.184	-1.018	220	203	-.028	.064	.212	-.297
210	509	-.277	.060	-.086	-.652	210	716	-.469	.101	-.074	-1.181	220	204	-.018	.074	.249	-.324
210	510	-.300	.055	-.094	-.457	220	101	-.348	.125	-.026	-1.632	220	205	-.032	.084	.265	-.295
210	511	-.142	.066	-.108	-.385	220	102	-.337	.109	-.015	-1.444	220	206	-.130	.104	.534	-.323
210	512	-.195	.097	-.266	-.644	220	103	-.350	.083	-.116	-.893	220	207	-.257	.132	.608	-.499
210	513	-.255	.058	-.071	-.472	220	104	-.345	.061	-.178	-.654	220	208	-.235	.037	.114	-.369
210	514	-.296	.062	-.064	-.544	220	105	-.310	.036	-.197	-.437	220	209	-.147	.045	.014	-.295
210	515	-.256	.058	-.007	-.451	220	106	-.296	.041	-.121	-.470	220	210	-.051	.071	.293	-.183
210	516	-.380	.072	-.068	-.739	220	107	-.287	.042	-.150	-.441	220	211	-.148	.085	.413	-.107
210	517	-.208	.113	-.314	-.662	220	108	-.338	.071	-.146	-.752	220	212	-.194	.108	.545	-.095
210	601	-.307	.136	1.049	-.035	220	109	-.336	.058	-.187	-.724	220	213	-.341	.130	.782	-.382
210	602	-.118	.076	1.455	.121	220	110	-.343	.045	-.198	-.534	220	214	-.391	.175	.918	-.482
210	603	-.245	.123	1.748	-.390	220	111	-.356	.039	-.227	-.502	220	215	-.254	.040	.107	-.390
210	604	-.316	.128	1.814	-.621	220	112	-.318	.037	-.196	-.532	220	216	-.162	.042	.000	-.304
210	605	-.169	.110	1.626	-.135	220	113	-.301	.037	-.178	-.432	220	217	-.006	.064	.246	-.193
210	607	-.179	.101	1.115	-.562	220	114	-.300	.038	-.178	-.438	220	218	-.127	.082	.412	-.074
210	608	-.095	.116	1.376	-.441	220	115	-.391	.058	-.213	-.647	220	219	-.229	.104	.549	-.038
210	610	-.067	.186	1.682	-.641	220	116	-.372	.053	-.208	-.629	220	220	-.310	.135	.719	-.334
210	611	-.344	.177	1.974	-.263	220	117	-.383	.045	-.233	-.541	220	221	-.288	.195	.782	-.575
210	612	-.302	.140	1.860	-.091	220	118	-.388	.044	-.245	-.576	220	222	-.172	.040	.121	-.448
210	613	-.153	.136	1.833	-.066	220	119	-.382	.043	-.263	-.582	220	223	-.023	.045	.017	-.311
210	614	-.167	.130	1.859	-.279	220	120	-.353	.041	-.223	-.530	220	224	-.089	.067	.259	-.178
210	615	-.099	.158	1.054	-.393	220	121	-.353	.070	-.211	-.503	220	225	-.088	.091	.480	-.130
210	616	-.150	.096	1.312	-.514	220	122	-.446	.059	-.252	-.819	220	226	-.051	.101	.552	-.153
210	617	-.360	.066	1.130	-.648	220	123	-.455	.057	-.268	-.707	220	227	-.035	.084	.487	-.679
210	618	-.107	.074	1.160	-.414	220	124	-.451	.057	-.289	-.669	220	228	-.328	.105	.385	-.705
210	619	-.106	.144	1.557	-.271	220	125	-.454	.066	-.282	-.796	220	229	-.186	.054	.052	-.558
210	620	-.277	.137	1.754	-.193	220	126	-.434	.054	-.270	-.655	220	230	-.057	.048	.203	-.401
210	621	-.211	.113	1.191	-.663	220	127	-.436	.050	-.285	-.601	220	231	-.052	.057	.180	-.251
210	622	-.063	.066	1.193	-.264	220	128	-.415	.049	-.263	-.582	220	232	-.114	.058	.143	-.274
210	623	-.222	.116	1.720	-.075	220	129	-.397	.056	-.230	-.625	220	233	-.149	.063	.079	-.359
210	624	-.263	.129	1.766	-.239	220	130	-.405	.058	-.245	-.653	220	234	-.161	.062	.042	-.434
210	625	-.258	.123	1.164	-.083	220	131	-.441	.066	-.251	-.715	220	235	-.239	.055	.138	-.432
210	626	-.030	.063	1.275	-.143	220	132	-.443	.067	-.273	-.856	220	236	-.094	.087	.021	-.548
210	627	-.288	.139	1.840	-.089	220	133	-.435	.064	-.275	-.765	220	237	-.054	.105	.420	-.480
210	628	-.171	.054	1.086	-.375	220	134	-.436	.062	-.284	-.680	220	238	-.010	.084	.463	-.172
210	701	-.269	.071	1.033	-.544	220	135	-.450	.061	-.307	-.693	220	239	-.007	.101	.600	-.144
210	702	-.195	.063	1.127	-.511	220	136	-.205	.039	-.061	-.373	220	240	-.010	.084	.382	-.238
210	703	-.281	.069	1.041	-.631	220	137	-.226	.051	-.054	-.432	220	241	-.007	.081	.348	-.232
210	704	-.244	.073	1.037	-.669	220	138	-.259	.080	-.013	-.611	220	242	-.178	.080	.213	-.417
210	705	-.257	.080	1.049	-.670	220	139	-.293	.074	-.056	-.642	220	243	-.164	.063	.074	-.512
210	706	-.209	.112	1.306	-.578	220	140	-.341	.064	-.121	-.632	220	244	-.185	.046	.041	-.433
210	707	-.006	.087	1.352	-.248	220	141	-.347	.062	-.124	-.623	220	245	-.183	.031	.020	-.364
210	708	-.001	.077	1.363	-.208	220	142	-.406	.090	-.131	-.821	220	246	-.205	.096	.009	-.440
210	709	-.872	.181	1.310	-.413	220	143	-.443	.114	-.043	-.339	220	247	-.139	.036	.008	-.389
210	710	-.239	.086	1.077	-.611	220	144	-.197	.045	-.069	-.413	220	248	-.269	.096	.009	-.854
210	711	-.073	.099	1.475	-.437	220	145	-.225	.045	-.069	-.413	220	249	-.139	.036	.008	-.289
210	712	-.481	.104	1.035	-.939	220	146										

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WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2220	251	193	039	006	402	2220	349	344	065	111	597	2220	437	426	063	262	766
2220	252	200	059	038	495	2220	350	110	081	377	186	2220	438	372	053	242	643
2220	301	032	106	284	482	2220	351	006	089	430	298	2220	439	376	053	243	631
2220	302	109	099	330	622	2220	352	248	057	073	542	2220	440	398	064	243	918
2220	303	050	106	523	276	2220	353	323	045	178	522	2220	441	381	055	235	649
2220	304	031	130	374	955	2220	354	357	051	204	587	2220	442	443	064	263	717
2220	305	232	117	746	125	2220	355	164	087	545	138	2220	443	450	066	268	728
2220	306	184	104	510	166	2220	356	241	120	754	135	2220	444	471	079	279	913
2220	307	091	091	485	228	2220	357	232	118	751	144	2220	445	494	103	280	1165
2220	308	041	079	347	187	2220	358	123	084	520	154	2220	446	458	080	196	1000
2220	309	071	062	233	292	2220	359	148	095	585	136	2220	447	443	077	199	1030
2220	310	152	050	072	336	2220	360	205	119	736	094	2220	448	429	064	255	710
2220	311	355	173	888	298	2220	361	099	108	547	173	2220	449	413	059	260	674
2220	312	448	154	901	113	2220	362	332	081	036	723	2220	450	411	066	151	781
2220	313	484	154	947	055	2220	401	315	050	095	524	2220	451	454	068	263	745
2220	314	440	156	905	256	2220	402	319	054	135	613	2220	452	455	069	262	813
2220	315	445	134	990	024	2220	403	335	070	082	820	2220	453	413	080	217	843
2220	316	412	139	856	031	2220	404	329	076	047	925	2220	454	454	086	234	955
2220	317	301	116	648	093	2220	405	310	078	048	873	2220	455	351	059	191	696
2220	318	188	098	497	131	2220	406	322	080	082	879	2220	456	332	091	069	796
2220	319	046	060	163	228	2220	407	302	063	126	624	2220	457	423	085	125	818
2220	320	163	044	002	326	2220	408	295	058	121	545	2220	458	361	068	118	684
2220	321	381	165	916	240	2220	409	296	061	113	634	2220	459	320	068	037	879
2220	322	429	151	936	031	2220	410	309	087	010	665	2220	460	314	071	094	717
2220	323	436	163	919	508	2220	411	303	040	129	461	2220	461	385	108	098	826
2220	324	375	133	796	041	2220	412	306	039	143	461	2220	462	340	074	066	784
2220	325	348	125	746	019	2220	413	315	039	187	452	2220	463	269	119	124	1018
2220	326	258	104	598	036	2220	414	323	044	161	639	2220	501	306	064	070	702
2220	327	153	093	509	126	2220	415	322	048	141	599	2220	502	451	063	278	812
2220	328	078	061	175	284	2220	416	321	047	164	602	2220	503	429	073	244	862
2220	329	189	047	021	357	2220	417	302	043	172	487	2220	504	342	075	145	766
2220	330	423	148	923	076	2220	418	291	045	157	517	2220	505	350	072	145	807
2220	331	091	160	540	608	2220	419	303	045	156	493	2220	506	467	063	290	730
2220	332	163	134	585	337	2220	420	323	060	167	633	2220	507	278	072	053	589
2220	333	150	145	576	741	2220	421	333	048	187	571	2220	508	366	099	128	1120
2220	334	114	106	475	281	2220	422	333	042	199	498	2220	509	279	055	094	655
2220	335	107	083	399	145	2220	423	340	042	206	503	2220	510	298	064	078	508
2220	336	056	065	290	140	2220	424	353	042	234	530	2220	511	136	064	121	353
2220	337	014	069	358	175	2220	425	363	046	217	596	2220	512	111	104	391	475
2220	338	139	068	219	344	2220	426	365	051	208	639	2220	513	246	053	060	485
2220	339	251	056	026	438	2220	427	371	055	196	664	2220	514	300	059	091	547
2220	340	063	102	354	379	2220	428	363	051	215	616	2220	515	248	055	010	477
2220	341	218	069	014	375	2220	429	354	049	211	544	2220	516	405	069	199	681
2220	342	085	052	077	339	2220	430	390	073	211	960	2220	517	188	092	169	553
2220	343	106	059	053	419	2220	431	376	051	230	577	2220	601	247	149	814	209
2220	344	217	068	033	575	2220	432	401	055	212	624	2220	602	117	076	501	194
2220	345	204	063	021	518	2220	433	399	054	212	611	2220	603	112	097	529	358
2220	346	148	052	024	462	2220	434	410	055	239	624	2220	604	192	112	672	128
2220	347	148	047	101	331	2220	435	419	059	243	676	2220	605	098	112	594	231
2220	348	271	065	277	500	2220	436	423	059	236	729	2220	607	193	112	363	757

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN
2200	608	.023	.088	.340	.304	2300	115	.423	.066	.266	.811	2300	219	.358	.127	.776	.010
2200	610	.023	.107	.461	.480	2300	116	.398	.056	.196	.686	2300	220	.433	.141	.853	.027
2200	611	.121	.115	.558	.285	2300	117	.396	.047	.256	.577	2300	221	.425	.148	.879	.005
2200	612	.250	.151	.843	.124	2300	118	.389	.042	.257	.554	2300	222	.251	.043	.096	.402
2200	613	.170	.151	.769	.253	2300	119	.383	.040	.263	.519	2300	223	.125	.049	.109	.275
2200	614	.098	.127	.690	.418	2300	120	.351	.040	.233	.492	2300	224	.103	.078	.423	.094
2200	615	.155	.142	.811	.259	2300	121	.352	.041	.218	.498	2300	225	.209	.101	.603	.053
2200	616	.256	.086	.077	.612	2300	122	.474	.074	.218	.782	2300	226	.264	.123	.718	.059
2200	617	.396	.055	.177	.617	2300	123	.477	.067	.258	.722	2300	227	.213	.133	.700	.168
2200	618	.139	.046	.010	.341	2300	124	.456	.058	.280	.716	2300	228	.157	.122	.672	.351
2200	619	.025	.088	.337	.313	2300	125	.460	.068	.311	.094	2300	229	.302	.057	.027	.531
2200	620	.012	.089	.386	.314	2300	126	.437	.053	.304	.703	2300	230	.156	.050	.086	.334
2200	621	.292	.114	.201	.686	2300	127	.439	.049	.295	.625	2300	231	.021	.061	.262	.176
2200	622	.088	.038	.062	.217	2300	128	.416	.048	.273	.604	2300	232	.079	.080	.446	.166
2200	623	.037	.053	.275	.131	2300	129	.394	.059	.190	.657	2300	233	.068	.079	.309	.284
2200	624	.033	.074	.355	.219	2300	130	.406	.060	.161	.722	2300	234	.117	.069	.130	.439
2200	625	.036	.086	.112	.580	2300	131	.449	.067	.237	.857	2300	235	.144	.065	.107	.436
2200	626	.023	.035	.101	.132	2300	132	.459	.071	.245	.810	2300	236	.312	.056	.150	.538
2200	627	.039	.065	.294	.154	2300	133	.451	.061	.266	.873	2300	237	.227	.053	.043	.444
2200	628	.188	.046	.050	.377	2300	134	.451	.061	.297	.138	2300	238	.127	.093	.507	.127
2200	701	.326	.069	.095	.600	2300	135	.465	.059	.319	.094	2300	239	.230	.113	.714	.061
2200	702	.145	.047	.019	.334	2300	136	.185	.044	.001	.360	2300	240	.180	.099	.646	.178
2200	703	.255	.068	.037	.560	2300	137	.214	.060	.005	.543	2300	241	.107	.079	.443	.162
2200	704	.176	.070	.134	.478	2300	138	.285	.072	.005	.614	2300	242	.084	.068	.416	.120
2200	705	.190	.054	.006	.494	2300	139	.304	.071	.082	.640	2300	243	.185	.043	.026	.343
2200	706	.074	.093	.329	.387	2300	140	.315	.071	.091	.663	2300	244	.154	.091	.344	.517
2200	707	.170	.129	.736	.156	2300	141	.363	.071	.078	.764	2300	245	.137	.075	.371	.430
2200	708	.151	.111	.599	.161	2300	142	.363	.075	.126	.715	2300	246	.173	.048	.022	.382
2200	709	.797	.161	.289	.330	2300	143	.415	.097	.128	.903	2300	247	.163	.046	.022	.370
2200	710	.269	.097	.037	.783	2300	144	.450	.119	.121	.211	2300	248	.196	.054	.004	.425
2200	711	.023	.123	.527	.377	2300	145	.175	.044	.002	.344	2300	249	.304	.116	.057	.858
2200	712	.378	.118	.008	.726	2300	146	.205	.050	.018	.443	2300	250	.115	.042	.091	.267
2200	713	.751	.212	.185	.583	2300	201	.122	.058	.084	.375	2300	251	.174	.047	.011	.368
2200	714	.747	.187	.136	.502	2300	202	.061	.062	.180	.275	2300	252	.186	.077	.052	.649
2200	715	.577	.104	.211	.014	2300	203	.028	.082	.321	.242	2300	301	.240	.142	.160	.863
2200	716	.409	.090	.090	.173	2300	204	.063	.087	.378	.220	2300	302	.142	.184	.417	.831
2200	101	.417	.120	.123	.232	2300	205	.095	.107	.459	.225	2300	303	.067	.176	.646	.617
2200	102	.404	.113	.121	.269	2300	206	.267	.123	.638	.153	2300	304	.143	.153	.247	.782
2200	103	.377	.079	.073	.763	2300	207	.387	.132	.824	.069	2300	305	.184	.102	.584	.086
2200	104	.344	.061	.101	.691	2300	208	.193	.045	.035	.337	2300	306	.049	.087	.409	.223
2200	105	.329	.042	.190	.486	2300	209	.078	.057	.135	.256	2300	307	.014	.073	.289	.242
2200	106	.322	.051	.154	.594	2300	210	.157	.085	.422	.103	2300	308	.019	.065	.227	.239
2200	107	.317	.049	.176	.565	2300	211	.252	.106	.631	.033	2300	309	.110	.049	.089	.271
2200	108	.405	.089	.178	.823	2300	212	.334	.128	.716	.127	2300	310	.172	.039	.023	.313
2200	109	.387	.076	.199	.793	2300	213	.459	.144	.854	.060	2300	311	.047	.217	.603	.892
2200	110	.366	.053	.225	.643	2300	214	.498	.153	.934	.081	2300	312	.272	.239	.914	.963
2200	111	.362	.043	.229	.599	2300	215	.215	.043	.050	.377	2300	313	.281	.227	.848	.858
2200	112	.323	.040	.186	.474	2300	216	.097	.051	.136	.285	2300	314	.181	.247	.764	.938
2200	113	.313	.039	.171	.477	2300	217	.113	.084	.446	.118	2300	315	.357	.115	.746	.288
2200	114	.312	.041	.168	.490	2300	218	.259	.107	.631	.044	2300	316	.298	.106	.671	.073

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2330	317	.171	.090	.543	-.108	2330	405	-.282	.053	-.105	-.628	2330	455	-.352	.057	-.156	-.698
2330	318	.091	.074	.352	-.138	2330	406	-.279	.051	-.110	-.534	2330	456	-.308	.073	-.085	-.700
2330	319	.111	.043	.067	-.250	2330	407	-.282	.048	-.141	-.479	2330	457	-.412	.072	-.199	-.811
2330	320	.199	.035	-.080	-.308	2330	408	-.278	.046	-.133	-.528	2330	458	-.362	.058	-.141	-.610
2330	321	.010	.223	.608	-.822	2330	409	-.276	.050	-.127	-.593	2330	459	-.323	.057	-.082	-.553
2330	322	.170	.242	.874	-.823	2330	410	-.286	.071	-.011	-.608	2330	460	-.318	.061	-.018	-.576
2330	323	.088	.263	.801	-.979	2330	411	-.284	.034	-.168	-.407	2330	461	-.389	.082	-.070	-.826
2330	324	.238	.115	.800	-.688	2330	412	-.285	.033	-.171	-.404	2330	462	-.347	.064	-.141	-.662
2330	325	.226	.102	.699	-.704	2330	413	-.288	.032	-.174	-.427	2330	463	-.279	.088	-.008	-.174
2330	326	.131	.083	.429	-.136	2330	414	-.293	.035	-.162	-.440	2330	501	-.281	.056	-.053	-.507
2330	327	.042	.069	.356	-.147	2330	415	-.293	.036	-.170	-.434	2330	502	-.427	.056	-.295	-.681
2330	328	.136	.043	.071	-.279	2330	416	-.293	.035	-.175	-.421	2330	503	-.388	.059	-.258	-.679
2330	329	.218	.035	-.081	-.336	2330	417	-.287	.034	-.181	-.424	2330	504	-.332	.067	-.155	-.677
2330	330	.146	.231	.794	-.688	2330	418	-.280	.036	-.165	-.427	2330	505	-.321	.064	-.131	-.716
2330	331	.293	.161	.322	-.879	2330	419	-.293	.036	-.183	-.427	2330	506	-.452	.060	-.277	-.706
2330	332	.136	.190	.413	-.968	2330	420	-.298	.040	-.171	-.449	2330	507	-.271	.060	-.080	-.560
2330	333	.237	.206	.416	-.975	2330	421	-.313	.044	-.142	-.442	2330	508	-.344	.075	-.119	-.837
2330	334	.013	.125	.384	-.638	2330	422	-.305	.037	-.177	-.435	2330	509	-.271	.044	-.136	-.480
2330	335	.022	.095	.363	-.483	2330	423	-.312	.037	-.195	-.439	2330	510	-.332	.045	-.152	-.496
2330	336	.024	.066	.247	-.207	2330	424	-.322	.037	-.202	-.459	2330	511	-.169	.051	-.059	-.340
2330	337	.057	.056	.152	-.202	2330	425	-.327	.039	-.214	-.494	2330	512	-.166	.084	-.053	-.436
2330	338	.188	.042	-.019	-.331	2330	426	-.332	.044	-.170	-.515	2330	513	-.249	.044	-.112	-.558
2330	339	.267	.040	.033	-.390	2330	427	-.337	.048	-.143	-.548	2330	514	-.331	.047	-.078	-.460
2330	340	.196	.145	.287	-.681	2330	428	-.342	.047	-.183	-.535	2330	515	-.264	.044	-.215	-.620
2330	341	.265	.074	-.065	-.646	2330	429	-.331	.044	-.189	-.486	2330	516	-.377	.056	-.174	-.487
2330	342	.216	.076	-.006	-.518	2330	430	-.351	.057	-.117	-.655	2330	517	-.207	.084	-.857	-.636
2330	343	.240	.082	-.029	-.539	2330	431	-.378	.044	-.207	-.526	2330	601	-.012	.201	-.401	-.624
2330	344	.235	.070	-.031	-.559	2330	432	-.366	.044	-.140	-.502	2330	602	-.018	.138	-.372	-.608
2330	345	.244	.064	-.000	-.596	2330	433	-.362	.043	-.144	-.494	2330	603	-.043	.099	-.552	-.258
2330	346	.184	.050	-.008	-.446	2330	434	-.370	.047	-.234	-.565	2330	604	-.050	.118	-.478	-.370
2330	347	.185	.041	-.002	-.383	2330	435	-.380	.053	-.217	-.605	2330	605	-.027	.116	-.701	-.482
2330	348	.273	.043	-.065	-.413	2330	436	-.395	.057	-.218	-.721	2330	606	-.048	.152	-.462	-.553
2330	349	.376	.043	-.151	-.492	2330	437	-.395	.058	-.204	-.662	2330	607	-.046	.111	-.334	-.560
2330	350	.061	.117	.299	-.448	2330	438	-.374	.054	-.207	-.636	2330	608	-.111	.094	-.505	-.384
2330	351	.066	.079	.256	-.321	2330	439	-.377	.052	-.220	-.619	2330	609	-.119	.159	-.840	-.272
2330	352	.236	.046	-.115	-.507	2330	440	-.402	.062	-.237	-.771	2330	610	-.065	.160	-.834	-.330
2330	353	.315	.039	-.162	-.529	2330	441	-.351	.045	-.224	-.591	2330	611	-.050	.136	-.466	-.530
2330	354	.330	.042	-.177	-.541	2330	442	-.397	.052	-.207	-.612	2330	612	-.088	.150	-.725	-.379
2330	355	.031	.140	.418	-.555	2330	443	-.404	.053	-.232	-.622	2330	613	-.295	.078	-.059	-.655
2330	356	.009	.168	.579	-.462	2330	444	-.430	.066	-.256	-.783	2330	614	-.390	.050	-.227	-.591
2330	357	.018	.169	.630	-.564	2330	445	-.454	.084	-.152	-.873	2330	615	-.087	.036	-.052	-.268
2330	358	.042	.097	.364	-.343	2330	446	-.422	.062	-.255	-.788	2330	616	-.033	.095	-.463	-.329
2330	359	.027	.107	.339	-.298	2330	447	-.401	.062	-.241	-.744	2330	617	-.098	.062	-.157	-.311
2330	360	.037	.125	.524	-.264	2330	448	-.385	.052	-.247	-.621	2330	618	-.345	.079	-.004	-.681
2330	361	.019	.110	.390	-.343	2330	449	-.378	.050	-.246	-.618	2330	619	-.041	.035	-.069	-.195
2330	362	.344	.071	-.044	-.752	2330	450	-.382	.049	-.243	-.610	2330	620	-.031	.057	-.207	-.260
2330	401	.282	.040	-.127	-.459	2330	451	-.411	.052	-.262	-.706	2330	621	-.083	.068	-.155	-.382
2330	402	.293	.042	-.146	-.466	2330	452	-.411	.052	-.264	-.700	2330	622	-.316	.062	-.112	-.666
2330	403	.297	.047	-.119	-.531	2330	453	-.373	.054	-.199	-.702	2330	623	-.009	.038	-.172	-.168
2330	404	.288	.055	-.130	-.609	2330	454	-.418	.070	-.252	-.731	2330	624				

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	627	.057	.059	.269	.258	240	133	.480	.075	.236	-1.030	240	237	.213	.057	.023	.434
240	628	.208	.036	.082	.241	240	134	.477	.071	.309	.986	240	238	.165	.093	.536	.060
240	701	.392	.075	.140	.333	240	135	.478	.069	.314	.952	240	239	.283	.120	.753	.004
240	702	.177	.068	.027	.521	240	136	.151	.046	.026	.319	240	240	.271	.111	.719	.004
240	703	.247	.070	.025	.586	240	137	.183	.062	.043	.470	240	241	.170	.092	.577	.198
240	704	.159	.068	.138	.412	240	138	.268	.076	.110	.667	240	242	.105	.085	.486	.127
240	705	.393	.119	.030	.771	240	139	.277	.077	.159	.655	240	243	.145	.045	.049	.346
240	706	.010	.096	.349	.350	240	140	.301	.080	.042	.796	240	244	.100	.095	.429	.482
240	707	.272	.119	.809	.044	240	141	.355	.076	.022	.654	240	245	.067	.077	.290	.309
240	708	.259	.120	.834	.040	240	142	.376	.079	.068	.715	240	246	.133	.049	.060	.301
240	709	.583	.110	.235	.031	240	143	.436	.111	.112	.347	240	247	.114	.048	.091	.285
240	710	.254	.123	.101	.809	240	144	.481	.133	.172	.351	240	248	.143	.054	.081	.349
240	711	.148	.128	.922	.335	240	145	.137	.042	.029	.327	240	249	.269	.128	.123	.854
240	712	.205	.091	.097	.659	240	146	.164	.048	.022	.482	240	250	.061	.044	.151	.195
240	713	.925	.226	.238	.960	240	201	.071	.073	.192	.308	240	251	.123	.051	.111	.317
240	714	.784	.190	.187	.563	240	202	.021	.077	.305	.270	240	252	.142	.086	.084	.661
240	715	.665	.142	.212	.121	240	203	.066	.093	.449	.264	240	301	.448	.124	.011	.911
240	716	.334	.072	.050	.644	240	204	.128	.100	.431	.226	240	302	.521	.164	.150	.113
240	101	.497	.153	.111	.426	240	205	.195	.114	.514	.171	240	303	.253	.229	.528	.957
240	102	.500	.159	.117	.451	240	206	.332	.137	.689	.194	240	304	.533	.156	.157	.015
240	103	.435	.109	.001	.001	240	207	.388	.150	.825	.139	240	305	.039	.107	.318	.880
240	104	.393	.083	.089	.070	240	208	.145	.056	.112	.333	240	306	.088	.067	.148	.626
240	105	.380	.055	.206	.680	240	209	.000	.074	.244	.234	240	307	.104	.054	.157	.290
240	106	.355	.059	.163	.657	240	210	.245	.112	.562	.089	240	308	.076	.050	.125	.250
240	107	.348	.058	.177	.612	240	211	.354	.125	.769	.050	240	309	.141	.037	.099	.292
240	108	.483	.117	.160	.982	240	212	.422	.147	.867	.031	240	310	.182	.031	.070	.314
240	109	.468	.108	.201	.135	240	213	.506	.151	.978	.051	240	311	.492	.169	.136	.020
240	110	.411	.068	.131	.667	240	214	.471	.158	.965	.031	240	312	.348	.236	.570	.084
240	111	.375	.048	.189	.620	240	215	.168	.053	.143	.342	240	313	.251	.266	.632	.950
240	112	.342	.043	.167	.495	240	216	.017	.064	.256	.207	240	314	.420	.217	.468	.103
240	113	.325	.046	.171	.491	240	217	.233	.099	.620	.020	240	315	.149	.221	.571	.896
240	114	.321	.049	.107	.487	240	218	.378	.120	.713	.070	240	316	.130	.121	.385	.968
240	115	.455	.079	.241	.874	240	219	.458	.133	.858	.099	240	317	.026	.063	.237	.304
240	116	.440	.074	.248	.815	240	220	.480	.147	.943	.100	240	318	.023	.051	.168	.229
240	117	.428	.060	.260	.682	240	221	.411	.153	.914	.015	240	319	.156	.033	.011	.264
240	118	.402	.048	.263	.565	240	222	.221	.054	.002	.419	240	320	.212	.028	.119	.304
240	119	.386	.045	.227	.545	240	223	.076	.063	.186	.276	240	321	.392	.160	.165	.010
240	120	.367	.045	.221	.541	240	224	.169	.093	.531	.121	240	322	.369	.190	.433	.996
240	121	.365	.044	.227	.512	240	225	.285	.112	.766	.036	240	323	.405	.173	.287	.246
240	122	.497	.095	.241	.052	240	226	.349	.124	.794	.030	240	324	.053	.285	.513	.919
240	123	.481	.085	.255	.923	240	227	.316	.139	.867	.083	240	325	.034	.204	.412	.921
240	124	.455	.062	.285	.713	240	228	.246	.132	.750	.163	240	326	.009	.063	.292	.534
240	125	.477	.071	.295	.885	240	229	.284	.067	.022	.563	240	327	.062	.046	.119	.229
240	126	.454	.059	.250	.784	240	230	.123	.057	.225	.284	240	328	.179	.032	.035	.309
240	127	.442	.053	.259	.632	240	231	.061	.068	.449	.138	240	329	.238	.030	.139	.340
240	128	.433	.053	.275	.611	240	232	.169	.090	.575	.054	240	330	.338	.191	.471	.954
240	129	.385	.072	.141	.710	240	233	.158	.093	.526	.109	240	331	.393	.109	.033	.855
240	130	.398	.070	.134	.677	240	234	.004	.076	.378	.328	240	332	.395	.117	.083	.907
240	131	.443	.078	.175	.742	240	235	.074	.064	.265	.338	240	333	.417	.117	.007	.998
240	132	.491	.087	.228	.960	240	236	.315	.063	.122	.626	240	334	.344	.164	.188	.961

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	3335	-.290	.161	.053	-.922	240	423	-.280	.032	-.161	-.381	240	510	-.338	.040	-.209	-.484
240	3336	-.117	.069	.157	-.670	240	424	-.288	.032	-.152	-.398	240	511	-.205	.045	-.018	-.354
240	3337	-.128	.042	.062	-.318	240	425	-.294	.033	-.172	-.408	240	512	-.264	.059	-.076	-.478
240	3338	-.207	.034	-.053	-.314	240	426	-.320	.042	-.110	-.485	240	513	-.257	.037	-.141	-.414
240	3339	-.260	.036	.118	-.385	240	427	-.332	.044	-.059	-.512	240	514	-.340	.039	-.214	-.512
240	340	-.395	.118	-.013	-.855	240	428	-.347	.042	-.233	-.503	240	515	-.261	.037	-.137	-.441
240	341	-.368	.107	-.119	-.959	240	429	-.336	.038	-.222	-.475	240	516	-.326	.044	-.218	-.506
240	342	-.387	.116	-.073	-.813	240	430	-.330	.049	-.115	-.530	240	517	-.271	.062	.018	-.455
240	343	-.394	.119	-.049	-.816	240	431	-.338	.039	-.205	-.470	240	601	-.432	.130	.101	-.1255
240	344	-.351	.106	-.125	-.904	240	432	-.320	.043	-.152	-.455	240	602	-.333	.153	.487	-1.005
240	345	-.334	.100	-.007	-.880	240	433	-.317	.042	-.147	-.453	240	603	-.131	.085	.241	-.494
240	346	-.296	.065	.044	-.472	240	434	-.320	.043	-.191	-.471	240	604	-.106	.050	.208	-.318
240	347	-.188	.044	-.016	-.361	240	435	-.328	.042	-.198	-.470	240	605	-.224	.067	.266	-.422
240	348	-.258	.039	.082	-.432	240	436	-.334	.044	-.224	-.541	240	607	-.146	.121	.731	-.440
240	349	-.307	.040	-.170	-.464	240	437	-.333	.044	-.187	-.552	240	608	-.050	.122	.476	-.873
240	350	-.362	.097	.113	-.760	240	438	-.340	.043	-.205	-.530	240	610	-.221	.107	.185	-.654
240	351	-.175	.054	.100	-.392	240	439	-.346	.042	-.215	-.536	240	611	-.176	.076	.099	-.532
240	352	-.247	.043	-.122	-.454	240	440	-.360	.046	-.224	-.596	240	612	-.114	.055	.356	-.393
240	353	-.290	.041	-.161	-.452	240	441	-.332	.044	-.214	-.535	240	613	-.226	.082	.356	-.449
240	354	-.294	.041	-.173	-.453	240	442	-.352	.045	-.179	-.535	240	614	-.202	.069	.309	-.498
240	355	-.347	.124	.060	-1.113	240	443	-.361	.045	-.220	-.556	240	615	-.188	.106	.437	-.440
240	356	-.330	.111	.130	-.825	240	444	-.378	.051	-.231	-.826	240	616	-.275	.053	-.050	-.590
240	357	-.354	.120	.134	-1.002	240	445	-.381	.063	-.155	-.789	240	617	-.359	.042	-.224	-.515
240	358	-.106	.092	.322	-.415	240	446	-.351	.052	-.203	-.630	240	618	-.102	.040	.039	-.280
240	359	-.090	.079	.230	-.348	240	447	-.353	.052	-.210	-.601	240	619	-.053	.130	.752	-.319
240	360	-.120	.051	.143	-.300	240	448	-.343	.050	-.212	-.606	240	620	-.136	.049	.066	-.356
240	361	-.196	.055	.232	-.388	240	449	-.337	.049	-.197	-.602	240	621	-.321	.058	-.072	-.542
240	362	-.308	.060	-.009	-.620	240	450	-.335	.048	-.184	-.615	240	622	-.063	.042	.118	-.268
240	401	-.255	.035	.140	-.433	240	451	-.352	.045	-.210	-.581	240	623	-.075	.075	.343	-.435
240	402	-.254	.037	-.084	-.513	240	452	-.352	.045	-.217	-.580	240	624	-.169	.073	.097	-.581
240	403	-.273	.045	-.079	-.522	240	453	-.337	.045	-.202	-.555	240	625	-.408	.087	-.134	-.897
240	404	-.266	.044	-.095	-.486	240	454	-.377	.059	-.234	-.689	240	626	-.019	.056	.282	-.288
240	405	-.260	.050	-.070	-.508	240	455	-.330	.057	-.193	-.675	240	627	-.058	.074	.343	-.315
240	406	-.262	.051	-.099	-.556	240	456	-.307	.054	-.025	-.541	240	628	-.215	.033	-.084	-.347
240	407	-.295	.057	-.057	-.554	240	457	-.387	.062	-.175	-.699	240	701	-.475	.101	-.214	-1.203
240	408	-.289	.058	-.109	-.637	240	458	-.329	.049	-.191	-.518	240	702	-.325	.137	.176	-.858
240	409	-.294	.063	-.053	-.590	240	459	-.306	.057	-.050	-.606	240	703	-.220	.077	.006	-.577
240	410	-.250	.089	-.086	-.907	240	460	-.302	.061	-.033	-.599	240	704	-.142	.067	-.188	-.403
240	411	-.260	.033	-.141	-.373	240	461	-.346	.079	-.155	-.816	240	705	-.535	.109	-.164	-.928
240	412	-.262	.032	-.145	-.372	240	462	-.324	.071	-.146	-.798	240	706	-.070	.116	.482	-.510
240	413	-.263	.031	-.160	-.371	240	463	-.283	.076	-.045	-.897	240	707	-.295	.119	.807	-.011
240	414	-.262	.032	-.129	-.383	240	501	-.284	.046	-.115	-.455	240	708	-.274	.118	.786	-.030
240	415	-.269	.036	-.124	-.423	240	502	-.401	.044	-.267	-.640	240	709	-.554	.087	-.250	-.897
240	416	-.273	.035	-.099	-.405	240	503	-.356	.050	-.223	-.575	240	710	-.179	.125	.238	-.744
240	417	-.302	.040	-.175	-.458	240	504	-.326	.053	-.175	-.575	240	711	-.212	.138	.817	-.129
240	418	-.266	.037	-.147	-.396	240	505	-.280	.048	-.142	-.496	240	712	-.171	.061	.024	-.535
240	419	-.286	.037	-.163	-.445	240	506	-.398	.048	-.262	-.577	240	713	-.626	.118	-.305	-1.256
240	420	-.273	.045	-.123	-.494	240	507	-.237	.048	-.090	-.414	240	714	-.779	.192	-.113	-1.416
240	421	-.309	.035	-.197	-.416	240	508	-.330	.063	-.140	-.683	240	715	-.673	.134	-.152	-1.138
240	422	-.273	.032	-.151	-.374	240	509	-.257	.040	-.149	-.460	240	716	-.245	.067	-.028	-.545

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2550	101	456	172	022	1.692	2550	205	219	121	604	130	2550	303	624	122	138	1.025
2550	102	455	170	024	1.728	2550	206	297	135	706	123	2550	304	636	118	264	1.129
2550	103	445	146	015	1.211	2550	207	276	141	698	215	2550	305	443	262	136	1.348
2550	104	440	117	006	1.190	2550	208	080	070	238	324	2550	306	369	202	007	1.135
2550	105	434	066	226	028	2550	209	089	088	505	198	2550	307	175	075	065	0.915
2550	106	400	068	177	029	2550	210	340	122	825	047	2550	308	133	043	036	0.343
2550	107	387	067	133	701	2550	211	430	132	845	027	2550	309	177	035	012	0.361
2550	108	487	135	074	1.195	2550	212	458	165	909	014	2550	310	198	034	081	0.364
2550	109	446	119	080	1.060	2550	213	457	135	806	053	2550	311	714	116	327	1.137
2550	110	415	082	150	821	2550	214	350	134	759	101	2550	312	622	117	093	1.067
2550	111	412	076	203	976	2550	215	099	067	205	345	2550	313	634	116	099	1.036
2550	112	376	060	188	700	2550	216	061	087	425	181	2550	314	622	112	186	1.045
2550	113	354	055	182	579	2550	217	321	121	735	010	2550	315	489	279	396	1.084
2550	114	351	058	169	581	2550	218	449	136	908	053	2550	316	417	294	254	1.235
2550	115	465	089	198	864	2550	219	459	149	901	025	2550	317	141	133	199	0.930
2550	116	453	087	191	851	2550	220	397	147	788	024	2550	318	110	050	087	0.476
2550	117	433	069	226	719	2550	221	272	141	724	158	2550	319	187	031	016	0.348
2550	118	432	064	247	899	2550	222	176	068	131	456	2550	320	218	031	105	0.340
2550	119	410	057	236	615	2550	223	004	082	294	229	2550	321	621	111	244	1.065
2550	120	385	055	196	588	2550	224	241	110	662	046	2550	322	622	115	121	1.085
2550	121	338	053	194	586	2550	225	336	124	815	008	2550	323	619	117	147	1.135
2550	122	467	133	008	085	2550	226	371	134	832	048	2550	324	558	210	282	1.186
2550	123	451	109	018	087	2550	227	281	132	796	052	2550	325	533	244	208	1.281
2550	124	458	087	023	924	2550	228	176	125	645	155	2550	326	229	183	169	1.205
2550	125	493	089	261	953	2550	229	248	076	083	479	2550	327	146	073	113	0.635
2550	126	476	076	259	255	2550	230	091	071	438	325	2550	328	207	038	006	0.469
2550	127	464	067	254	801	2550	231	098	075	433	118	2550	329	250	033	101	0.419
2550	128	455	066	252	790	2550	232	192	090	571	026	2550	330	611	109	211	1.050
2550	129	238	083	064	705	2550	233	210	102	661	073	2550	331	554	120	221	1.071
2550	130	236	091	092	608	2550	234	082	090	523	196	2550	332	590	121	202	1.049
2550	131	247	112	048	761	2550	235	021	075	384	271	2550	333	611	124	203	1.121
2550	132	504	111	123	463	2550	236	354	090	126	870	2550	334	571	153	009	1.365
2550	133	503	112	247	093	2550	237	217	072	009	626	2550	335	537	165	009	1.354
2550	134	544	100	300	064	2550	238	200	096	620	058	2550	336	290	159	111	0.913
2550	135	543	096	315	045	2550	239	318	119	900	047	2550	337	199	081	087	0.673
2550	136	136	051	065	340	2550	240	258	104	669	016	2550	338	224	046	018	0.519
2550	137	179	071	060	333	2550	241	135	089	482	251	2550	339	253	042	007	0.519
2550	138	216	051	058	506	2550	242	050	084	380	278	2550	340	577	114	207	1.163
2550	139	215	056	029	531	2550	243	129	050	094	359	2550	341	519	118	232	1.094
2550	140	210	073	011	637	2550	244	077	103	394	508	2550	342	574	121	259	1.197
2550	141	249	104	148	700	2550	245	040	078	282	353	2550	343	572	131	276	1.295
2550	142	350	118	209	870	2550	246	120	052	078	307	2550	344	514	153	138	1.342
2550	143	532	167	168	889	2550	247	089	051	111	315	2550	345	498	161	049	1.496
2550	144	613	217	164	826	2550	248	108	061	112	344	2550	346	292	110	124	0.957
2550	145	121	046	027	296	2550	249	233	140	123	002	2550	347	204	061	132	0.503
2550	146	155	055	022	378	2550	250	039	045	242	221	2550	348	239	044	021	0.442
2550	201	011	090	312	378	2550	251	095	053	097	261	2550	349	277	041	085	0.448
2550	202	042	094	408	283	2550	252	124	101	126	556	2550	350	532	111	236	0.999
2550	203	146	108	503	256	2550	301	596	099	286	989	2550	351	214	038	008	0.434
2550	204	176	113	609	230	2550	302	623	113	271	167	2550	352	241	037	098	0.395

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2550	353	-.271	.037	-.130	-.431	2550	441	-.299	.037	-.192	-.456	2550	613	-.288	.048	-.022	-.435
2550	354	-.257	.037	-.139	-.426	2550	442	-.304	.041	-.182	-.474	2550	614	-.252	.041	-.095	-.434
2550	355	-.581	.169	-.176	-1.008	2550	443	-.312	.041	-.191	-.488	2550	615	-.235	.045	-.021	-.412
2550	356	-.500	.132	-.007	-1.074	2550	444	-.315	.041	-.202	-.460	2550	616	-.262	.047	-.139	-.455
2550	357	-.570	.151	-.160	-1.574	2550	445	-.304	.040	-.157	-.476	2550	617	-.335	.045	-.213	-.501
2550	358	-.112	.121	-.422	-.541	2550	446	-.301	.041	-.168	-.496	2550	618	-.096	.054	-.168	-.362
2550	359	-.129	.090	-.257	-.326	2550	447	-.300	.044	-.154	-.621	2550	619	-.107	.125	-.573	-.495
2550	360	-.163	.052	-.084	-.370	2550	448	-.310	.041	-.188	-.503	2550	620	-.189	.052	-.090	-.376
2550	361	-.224	.038	-.027	-.342	2550	449	-.301	.040	-.177	-.496	2550	621	-.352	.055	-.133	-.561
2550	362	-.323	.048	-.029	-.409	2550	450	-.281	.042	-.127	-.436	2550	622	-.075	.058	-.200	-.338
2550	401	-.238	.038	-.118	-.409	2550	451	-.316	.040	-.208	-.513	2550	623	-.242	.113	-.137	-.751
2550	402	-.242	.039	-.077	-.384	2550	452	-.315	.040	-.207	-.491	2550	624	-.220	.067	-.020	-.496
2550	403	-.254	.043	-.102	-.486	2550	453	-.310	.042	-.192	-.499	2550	625	-.437	.085	-.216	-.811
2550	404	-.255	.053	-.090	-.854	2550	454	-.319	.045	-.194	-.679	2550	626	-.013	.081	-.327	-.352
2550	405	-.270	.073	-.013	-.795	2550	455	-.281	.044	-.169	-.530	2550	627	-.170	.082	-.355	-.393
2550	406	-.276	.075	-.051	-.793	2550	456	-.290	.045	-.111	-.515	2550	628	-.234	.038	-.067	-.369
2550	407	-.305	.077	-.015	-.634	2550	457	-.317	.048	-.152	-.556	2550	701	-.515	.102	-.224	-1.184
2550	408	-.297	.074	-.025	-.682	2550	458	-.282	.044	-.092	-.484	2550	702	-.384	.160	-.226	-.987
2550	409	-.307	.078	-.005	-.703	2550	459	-.272	.047	-.102	-.458	2550	703	-.216	.086	-.060	-.624
2550	410	-.293	.100	-.079	-1.054	2550	460	-.271	.049	-.119	-.510	2550	704	-.109	.080	-.302	-.424
2550	411	-.247	.035	-.124	-.431	2550	461	-.285	.054	-.160	-.626	2550	705	-.590	.108	-.126	-1.081
2550	412	-.246	.034	-.128	-.384	2550	462	-.278	.052	-.146	-.807	2550	706	-.261	.141	-.351	-.668
2550	413	-.247	.033	-.145	-.379	2550	463	-.256	.047	-.094	-.498	2550	707	-.348	.129	-.909	-.039
2550	414	-.251	.037	-.118	-.377	2550	501	-.265	.044	-.132	-.475	2550	708	-.317	.121	-.862	-.037
2550	415	-.268	.046	-.119	-.441	2550	502	-.364	.041	-.221	-.592	2550	709	-.572	.092	-.295	-.893
2550	416	-.272	.043	-.116	-.441	2550	503	-.306	.043	-.179	-.511	2550	710	-.160	.133	-.254	-.750
2550	417	-.306	.050	-.152	-.549	2550	504	-.319	.060	-.168	-.597	2550	711	-.229	.145	-.934	-.123
2550	418	-.273	.047	-.105	-.494	2550	505	-.265	.048	-.117	-.494	2550	712	-.292	.108	-.118	-.759
2550	419	-.296	.046	-.107	-.530	2550	506	-.362	.043	-.226	-.534	2550	713	-.634	.105	-.348	-1.064
2550	420	-.270	.053	-.099	-.518	2550	507	-.235	.045	-.082	-.447	2550	714	-.640	.167	-.079	-1.308
2550	421	-.290	.035	-.162	-.399	2550	508	-.322	.063	-.140	-.635	2550	715	-.557	.127	-.052	-1.018
2550	422	-.261	.034	-.142	-.424	2550	509	-.234	.038	-.122	-.504	2550	716	-.232	.078	-.069	-.670
2550	423	-.268	.034	-.149	-.411	2550	510	-.317	.040	-.186	-.468	2550	101	-.427	.203	-.187	-1.339
2550	424	-.272	.031	-.178	-.384	2550	511	-.210	.038	-.043	-.346	2550	102	-.432	.203	-.196	-1.580
2550	425	-.293	.034	-.160	-.427	2550	512	-.304	.056	-.043	-.637	2550	103	-.458	.195	-.170	-1.543
2550	426	-.295	.037	-.165	-.453	2550	513	-.246	.037	-.129	-.405	2550	104	-.526	.168	-.045	-1.727
2550	427	-.304	.038	-.119	-.451	2550	514	-.329	.040	-.188	-.493	2550	105	-.479	.084	-.254	-.868
2550	428	-.307	.037	-.181	-.465	2550	515	-.241	.037	-.087	-.387	2550	106	-.446	.082	-.198	-.825
2550	429	-.301	.036	-.172	-.439	2550	516	-.287	.038	-.182	-.443	2550	107	-.447	.082	-.192	-.837
2550	430	-.317	.044	-.161	-.538	2550	517	-.261	.038	-.122	-.455	2550	108	-.431	.167	-.040	-1.178
2550	431	-.310	.033	-.206	-.436	2550	601	-.641	.161	-.218	-1.969	2550	109	-.417	.156	-.141	-1.230
2550	432	-.285	.039	-.152	-.496	2550	602	-.540	.202	-.324	-1.540	2550	110	-.418	.131	-.066	-1.215
2550	433	-.282	.037	-.145	-.494	2550	603	-.164	.113	-.322	-.566	2550	111	-.491	.129	-.053	-1.527
2550	434	-.281	.035	-.058	-.403	2550	604	-.144	.049	-.040	-.327	2550	112	-.438	.092	-.161	-.998
2550	435	-.296	.034	-.201	-.451	2550	605	-.279	.044	-.075	-.430	2550	113	-.407	.073	-.196	-.743
2550	436	-.303	.037	-.174	-.496	2550	607	-.064	.141	-.502	-.585	2550	114	-.404	.075	-.162	-.748
2550	437	-.302	.038	-.167	-.461	2550	608	-.249	.174	-.295	-1.049	2550	115	-.489	.145	-.046	-1.208
2550	438	-.306	.036	-.208	-.443	2550	610	-.324	.131	-.208	-.920	2550	116	-.463	.134	-.023	-1.185
2550	439	-.312	.036	-.213	-.439	2550	611	-.241	.085	-.064	-.588	2550	117	-.439	.102	-.012	-1.109
2550	440	-.316	.041	-.193	-.465	2550	612	-.153	.055	-.117	-.327	2550	118	-.493	.112	-.174	-1.116

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	119	.471	.085	.233	.880	260	223	.060	.104	.616	-.261	260	321	-.609	.110	-.275	-1.012
260	120	.435	.074	.222	.730	260	224	.316	.132	.821	-.041	260	322	-.636	.100	-.346	-1.015
260	121	.429	.077	.165	.787	260	225	.389	.138	.864	.011	260	323	-.646	.099	-.268	-1.003
260	122	.348	.121	.075	.912	260	226	.401	.139	.928	.048	260	324	-.648	.129	-.052	-1.258
260	123	.367	.119	.156	.866	260	227	.253	.128	.711	-.138	260	325	-.669	.154	-.067	-1.486
260	124	.424	.133	.211	.866	260	228	.123	.116	.567	-.254	260	326	-.535	.192	.177	-1.203
260	125	.560	.133	.198	.250	260	229	-.223	.096	.222	-.669	260	327	-.337	.156	.085	-.779
260	126	.557	.121	.218	.319	260	230	-.047	.091	.304	-.425	260	328	-.251	.101	.068	-.779
260	127	.543	.104	.228	.117	260	231	.142	.087	.476	-.122	260	329	-.274	.097	.007	-.950
260	128	.527	.103	.246	.081	260	232	.197	.096	.606	-.070	260	330	-.618	.103	.270	-1.013
260	129	.191	.066	.148	.476	260	233	.201	.109	.603	-.096	260	331	-.606	.114	.268	-1.019
260	130	.177	.073	.092	.527	260	234	.079	.104	.505	-.246	260	332	-.652	.107	.343	-1.092
260	131	.190	.098	.118	.561	260	235	.028	.088	.330	-.339	260	333	-.680	.109	.361	-1.175
260	132	.424	.164	.084	.998	260	236	.350	.112	.061	-.090	260	334	-.651	.139	.102	-1.319
260	133	.602	.172	.057	.663	260	237	.188	.082	.109	.713	260	335	-.634	.161	.022	-1.533
260	134	.587	.153	.188	.747	260	238	.222	.096	.709	-.029	260	336	-.503	.184	.143	-1.278
260	135	.544	.143	.235	.623	260	239	.327	.113	.831	.044	260	337	-.320	.148	.134	-.914
260	136	.111	.056	.072	.606	260	240	.264	.116	.792	.003	260	338	-.238	.089	.221	-.675
260	137	.152	.084	.115	.652	260	241	.137	.095	.510	-.165	260	339	-.244	.071	.045	-.654
260	138	.190	.037	.053	.312	260	242	.036	.089	.422	-.277	260	340	-.633	.115	.331	-1.265
260	139	.190	.037	.034	.320	260	243	.101	.055	.098	-.406	260	341	-.639	.128	.270	-1.285
260	140	.156	.042	.053	.419	260	244	.057	.123	.502	-.595	260	342	-.649	.127	.324	-1.371
260	141	.107	.068	.219	.509	260	245	.015	.093	.354	-.346	260	343	-.651	.126	.315	-1.502
260	142	.160	.137	.325	.752	260	246	.093	.059	.127	-.313	260	344	-.642	.167	.038	-1.468
260	143	.630	.216	.102	.698	260	247	.053	.062	.173	-.307	260	345	-.641	.186	.041	-1.654
260	144	.849	.352	.064	.741	260	248	.067	.064	.245	-.270	260	346	-.395	.156	.192	-.897
260	145	.093	.055	.113	.300	260	249	.117	.136	.233	-.696	260	347	-.229	.094	.132	-.612
260	146	.130	.064	.107	.375	260	250	.025	.059	.314	-.225	260	348	-.219	.057	.026	-.475
260	201	.034	.105	.537	.394	260	251	.005	.052	.293	-.184	260	349	-.249	.048	-.055	-.474
260	202	.111	.111	.466	.281	260	252	.045	.108	.258	-.599	260	350	-.660	.130	.329	-1.191
260	203	.202	.122	.563	.242	260	301	.650	.097	.334	-.1012	260	351	-.213	.040	-.054	-.405
260	204	.213	.120	.593	.162	260	302	.645	.111	.337	-.1210	260	352	-.220	.037	-.077	-.409
260	205	.219	.120	.676	.156	260	303	.630	.108	.320	-.1144	260	353	-.251	.040	-.116	-.406
260	206	.240	.123	.648	.139	260	304	.627	.111	.294	-.1180	260	354	-.269	.041	-.122	-.458
260	207	.184	.126	.604	.298	260	305	.667	.140	.079	-.1240	260	355	-.682	.187	-.226	-1.672
260	208	.019	.089	.281	.331	260	306	.630	.143	.132	-.1213	260	356	-.585	.148	-.069	-1.138
260	209	.168	.111	.538	.175	260	307	.485	.177	.022	-.1184	260	357	-.677	.170	-.268	-1.405
260	210	.417	.144	.816	.006	260	308	.254	.138	.175	-.1053	260	358	-.195	.166	.330	-.761
260	211	.463	.147	.906	.005	260	309	.220	.083	.058	-.771	260	359	-.173	.115	.246	-.702
260	212	.479	.158	.983	.017	260	310	.215	.071	.003	-.741	260	360	-.190	.054	.145	-.378
260	213	.374	.139	.793	.092	260	311	.643	.100	.308	-.1017	260	361	-.218	.037	-.079	-.359
260	214	.232	.131	.695	.222	260	312	.643	.105	.331	-.1028	260	362	-.239	.042	-.017	-.380
260	215	.059	.084	.283	.332	260	313	.657	.104	.337	-.1022	260	401	-.237	.068	-.018	-.711
260	216	.119	.100	.526	.210	260	314	.638	.104	.339	-.1020	260	402	-.237	.063	-.049	-.614
260	217	.361	.134	.798	.003	260	315	.669	.119	.148	-.1154	260	403	-.245	.069	-.034	-.700
260	218	.457	.148	.955	.005	260	316	.657	.148	.099	-.1216	260	404	-.262	.088	.024	-.993
260	219	.483	.147	.635	.001	260	317	.526	.188	.101	-.1295	260	405	-.278	.092	.019	-.733
260	220	.354	.134	.785	.036	260	318	.272	.143	.179	-.813	260	406	-.289	.096	.069	-.918
260	221	.188	.124	.636	.196	260	319	.227	.087	.076	-.951	260	407	-.314	.108	.150	-.798
260	222	.131	.083	.213	.453	260	320	.230	.077	.009	-.1006	260	408	-.314	.111	.088	-.766

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	409	.320	.105	.051	.681	260	459	.252	.046	.091	.523	260	703	.182	.101	.166	.616
260	410	.296	.110	.024	.882	260	460	.251	.046	.101	.551	260	704	.055	.088	.334	.381
260	411	.242	.062	.061	.622	260	461	.252	.047	.122	.635	260	705	.573	.109	.246	-1.234
260	412	.241	.058	.062	.577	260	462	.248	.044	.143	.491	260	706	.375	.149	.307	-1.259
260	413	.241	.052	.058	.521	260	463	.232	.044	.116	.435	260	707	.379	.142	1.072	.060
260	414	.238	.048	.105	.442	260	501	.253	.039	.131	.441	260	708	.352	.134	1.049	.049
260	415	.257	.058	.069	.543	260	502	.253	.033	.141	.397	260	709	.550	.097	.236	.929
260	416	.263	.056	.047	.532	260	503	.264	.036	.121	.409	260	710	.105	.137	.359	.869
260	417	.291	.071	.070	.644	260	504	.277	.045	.143	.501	260	711	.248	.132	.825	.118
260	418	.279	.062	.031	.576	260	505	.265	.045	.136	.453	260	712	.468	.150	.211	-1.121
260	419	.287	.064	.089	.617	260	506	.251	.039	.125	.402	260	713	.615	.102	.283	.977
260	420	.254	.063	.054	.634	260	507	.255	.044	.116	.434	260	714	.662	.148	.154	-1.396
260	421	.269	.042	.122	.432	260	508	.280	.050	.124	.487	260	715	.473	.160	.135	-1.265
260	422	.261	.066	.020	.576	260	509	.249	.036	.141	.480	260	716	.236	.128	.213	.865
260	423	.260	.059	.047	.521	260	510	.236	.034	.137	.378	270	101	.329	.175	.300	-1.271
260	424	.251	.041	.125	.411	260	511	.225	.036	.051	.372	270	102	.336	.186	.258	-1.910
260	425	.254	.034	.149	.388	260	512	.274	.049	.138	.599	270	103	.402	.201	.179	-1.428
260	426	.271	.040	.136	.428	260	513	.252	.035	.134	.401	270	104	.571	.173	.114	-1.665
260	427	.277	.042	.147	.437	260	514	.242	.035	.134	.397	270	105	.577	.096	.290	.989
260	428	.280	.042	.137	.442	260	515	.233	.033	.126	.367	270	106	.545	.101	.243	-1.283
260	429	.278	.042	.141	.445	260	516	.251	.037	.128	.392	270	107	.550	.099	.185	.996
260	430	.287	.056	.103	.489	260	517	.251	.036	.126	.394	270	108	.331	.154	.170	-1.008
260	431	.278	.046	.150	.430	260	601	.665	.171	.234	.881	270	109	.341	.162	.200	.996
260	432	.254	.052	.085	.598	260	602	.668	.199	.056	.497	270	110	.392	.167	.195	-1.008
260	433	.252	.048	.095	.501	260	603	.252	.148	.330	.837	270	111	.590	.157	.072	-1.327
260	434	.252	.040	.044	.418	260	604	.204	.053	.019	.376	270	112	.573	.119	.082	-1.301
260	435	.265	.040	.162	.513	260	605	.218	.040	.046	.347	270	113	.528	.100	.173	.935
260	436	.272	.044	.149	.558	260	607	.077	.144	.597	.722	270	114	.523	.102	.143	.935
260	437	.273	.044	.144	.494	260	608	.370	.194	.138	.272	270	115	.385	.167	.134	-1.204
260	438	.272	.044	.157	.461	260	610	.434	.153	.188	.121	270	116	.368	.159	.226	.971
260	439	.272	.043	.155	.459	260	611	.318	.116	.002	.977	270	117	.397	.159	.137	-1.057
260	440	.262	.044	.142	.454	260	612	.202	.065	.148	.456	270	118	.566	.162	.019	-1.375
260	441	.256	.039	.139	.430	260	613	.211	.052	.166	.378	270	119	.589	.129	.233	-1.395
260	442	.243	.041	.060	.402	260	614	.252	.043	.058	.479	270	120	.536	.108	.223	-1.093
260	443	.248	.040	.079	.400	260	615	.217	.051	.071	.378	270	121	.529	.104	.194	-1.150
260	444	.245	.038	.087	.409	260	616	.268	.046	.136	.500	270	122	.239	.088	.081	.722
260	445	.249	.040	.114	.450	260	617	.247	.041	.129	.444	270	123	.252	.109	.105	.796
260	446	.265	.047	.140	.555	260	618	.088	.062	.250	.345	270	124	.279	.152	.136	-1.289
260	447	.265	.042	.157	.509	260	619	.156	.141	.411	.618	270	125	.545	.212	.055	-1.509
260	448	.266	.045	.146	.574	260	620	.270	.053	.084	.480	270	126	.683	.210	.054	-1.946
260	449	.261	.044	.139	.583	260	621	.272	.045	.084	.440	270	127	.662	.170	.264	-1.722
260	450	.244	.041	.110	.418	260	622	.050	.075	.243	.365	270	128	.633	.164	.257	-1.582
260	451	.275	.056	.116	.803	260	623	.369	.136	.043	.886	270	129	.180	.053	.085	.446
260	452	.272	.050	.118	.674	260	624	.332	.076	.112	.809	270	130	.154	.057	.149	.396
260	453	.266	.048	.134	.516	260	625	.356	.076	.146	.750	270	131	.137	.066	.202	.451
260	454	.261	.043	.009	.555	260	626	.007	.081	.305	.335	270	132	.205	.155	.234	.863
260	455	.243	.044	.111	.577	260	627	.251	.067	.014	.509	270	133	.493	.288	.281	-1.411
260	456	.245	.042	.030	.430	260	628	.261	.041	.109	.448	270	134	.772	.280	.068	-2.168
260	457	.253	.043	.053	.430	260	701	.513	.108	.205	.230	270	135	.770	.245	.195	-1.914
260	458	.252	.044	.105	.520	260	702	.413	.188	.263	.256	270	136	.052	.053	.146	.304

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	137	108	079	146	551	270	241	145	094	584	117	270	339	347	148	022	-1.286
270	138	181	037	048	303	270	242	050	090	436	196	270	340	606	111	300	-1.001
270	139	181	036	027	306	270	243	059	053	116	295	270	341	650	123	317	-1.125
270	140	137	037	031	275	270	244	064	123	636	388	270	342	624	121	292	-1.246
270	141	096	057	151	329	270	245	039	097	599	265	270	343	622	112	283	-1.181
270	142	135	124	304	814	270	246	045	060	262	307	270	344	672	144	171	-1.482
270	143	529	238	053	802	270	247	022	071	269	301	270	345	694	153	123	-1.403
270	144	681	381	030	327	270	248	014	181	247	074	270	346	545	149	019	-1.059
270	145	051	060	216	299	270	249	186	053	241	160	270	347	294	124	151	-0.857
270	146	088	068	161	410	270	250	005	060	429	187	270	348	237	069	016	-0.571
270	201	109	124	541	320	270	251	039	072	245	401	270	349	260	060	009	-0.605
270	202	166	115	554	223	270	252	067	090	207	948	270	350	601	127	282	-1.117
270	203	221	134	677	253	270	301	517	096	235	052	270	351	225	048	083	-0.414
270	204	221	131	637	189	270	302	559	095	311	033	270	352	226	046	018	-0.438
270	205	209	128	621	254	270	303	555	098	309	124	270	353	260	059	076	-0.524
270	206	191	123	573	218	270	304	562	118	193	149	270	354	275	065	052	-0.554
270	207	111	115	491	364	270	305	593	125	133	189	270	355	612	166	242	-1.674
270	208	021	109	372	379	270	306	577	168	058	395	270	356	579	142	218	-1.284
270	209	220	128	650	221	270	307	573	205	350	312	270	357	623	156	239	-1.586
270	210	453	150	886	008	270	308	457	183	220	203	270	358	334	157	338	-0.858
270	211	455	155	929	641	270	309	358	199	206	543	270	359	278	134	166	-0.778
270	212	444	156	902	120	270	310	350	100	170	956	270	360	223	067	058	-0.545
270	213	284	130	688	105	270	311	499	089	272	917	270	361	225	046	081	-0.436
270	214	143	116	576	209	270	312	549	087	290	861	270	362	236	050	023	-0.423
270	215	015	107	391	411	270	313	551	089	275	927	270	401	320	123	019	-0.949
270	216	185	115	642	182	270	314	553	110	237	265	270	402	317	124	112	-1.083
270	217	406	139	870	020	270	315	545	116	169	186	270	403	310	116	042	-0.950
270	218	462	143	898	065	270	316	569	153	143	203	270	404	304	103	102	-1.076
270	219	421	142	927	110	270	317	600	166	191	094	270	405	296	108	041	-1.463
270	220	262	126	698	121	270	318	450	180	210	304	270	406	294	102	048	-0.750
270	221	096	115	548	273	270	319	368	199	150	361	270	407	303	116	133	-0.771
270	222	098	105	463	463	270	320	376	098	215	905	270	408	325	118	140	-0.731
270	223	103	112	689	218	270	321	519	088	327	982	270	409	310	107	051	-0.718
270	224	335	138	868	041	270	322	569	097	326	1004	270	410	287	107	022	-0.760
270	225	365	146	818	066	270	323	582	116	112	1331	270	411	314	113	052	-0.825
270	226	346	142	825	601	270	324	571	133	072	1522	270	412	296	098	022	-0.788
270	227	201	123	712	192	270	325	598	155	041	1251	270	413	265	070	060	-0.753
270	228	065	110	484	333	270	326	569	141	041	050	270	414	263	059	056	-0.526
270	229	189	118	266	761	270	327	477	170	090	173	270	415	274	070	049	-0.601
270	230	025	108	486	308	270	328	431	184	017	282	270	416	280	065	085	-0.574
270	231	194	105	581	662	270	329	460	095	205	089	270	417	290	077	048	-0.634
270	232	229	106	675	040	270	330	547	105	247	019	270	418	279	076	066	-0.620
270	233	221	109	665	073	270	331	554	102	272	008	270	419	282	074	064	-0.638
270	234	093	104	537	179	270	332	591	104	285	036	270	420	267	074	004	-0.688
270	235	016	092	430	325	270	333	622	120	012	149	270	421	267	057	092	-0.451
270	236	263	107	026	883	270	334	599	126	214	181	270	422	329	092	018	-0.760
270	237	120	076	122	539	270	335	617	153	041	356	270	423	302	074	059	-0.633
270	238	252	113	719	012	270	336	597	151	005	048	270	424	260	044	133	-0.458
270	239	341	130	876	012	270	337	477	124	124	985	270	425	253	043	129	-0.466
270	240	259	113	715	016	270	338	325				270	426	262	049	117	-0.469

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	427	-.266	.053	-.106	-.500	270	514	-.257	.045	-.120	-.492	280	105	-.622	.124	-.197	-1.029
270	428	-.275	.056	-.107	-.503	270	515	-.239	.042	-.100	-.438	280	106	-.646	.131	-.252	-1.237
270	429	-.270	.055	-.110	-.488	270	516	-.268	.051	-.114	-.503	280	107	-.645	.120	-.263	-1.549
270	430	-.267	.065	-.065	-.696	270	517	-.250	.053	-.084	-.522	280	108	-.236	.075	-.158	-.745
270	431	-.266	.052	-.128	-.478	270	601	-.632	.157	-.258	-1.397	280	109	-.237	.092	-.095	-.744
270	432	-.290	.073	-.054	-.593	270	602	-.496	.213	-.349	-1.484	280	110	-.232	.126	-.144	-.805
270	433	-.280	.064	-.075	-.555	270	603	-.365	.142	-.097	-.897	280	111	-.444	.210	-.080	-1.152
270	434	-.260	.045	-.122	-.460	270	604	-.276	.070	-.030	-.507	280	112	-.646	.160	-.002	-1.326
270	435	-.265	.051	-.116	-.547	270	605	-.253	.049	-.094	-.452	280	113	-.617	.118	-.225	-1.138
270	436	-.268	.052	-.149	-.515	270	607	-.081	.146	-.610	-.740	280	114	-.605	.120	-.189	-1.291
270	437	-.264	.052	-.134	-.545	270	608	-.405	.187	-.238	-1.400	280	115	-.260	.074	-.077	-.805
270	438	-.266	.049	-.131	-.504	270	610	-.428	.130	-.195	-.957	280	116	-.231	.093	-.200	-.817
270	439	-.263	.049	-.133	-.490	270	611	-.434	.135	-.019	-1.041	280	117	-.256	.143	-.081	-.900
270	440	-.255	.048	-.102	-.463	270	612	-.272	.085	-.056	-.662	280	118	-.440	.220	-.161	-1.298
270	441	-.256	.045	-.122	-.525	270	613	-.251	.062	-.028	-.516	280	119	-.638	.182	-.034	-1.437
270	442	-.250	.052	-.062	-.556	270	614	-.274	.055	-.098	-.530	280	120	-.595	.136	-.096	-1.321
270	443	-.253	.052	-.020	-.554	270	615	-.234	.051	-.009	-.408	280	121	-.569	.137	-.131	-1.343
270	444	-.251	.044	-.097	-.453	270	616	-.277	.053	-.126	-.500	280	122	-.222	.056	-.003	-.611
270	445	-.271	.056	-.090	-.567	270	617	-.266	.049	-.136	-.490	280	123	-.222	.069	-.037	-.717
270	446	-.281	.059	-.148	-.601	270	618	-.047	.066	-.297	-.284	280	124	-.176	.096	-.109	-.817
270	447	-.268	.052	-.145	-.586	270	619	-.121	.164	-.512	-.652	280	125	-.344	.236	-.209	-1.269
270	448	-.271	.052	-.140	-.529	270	620	-.314	.063	-.121	-.583	280	126	-.602	.260	-.139	-1.548
270	449	-.266	.051	-.139	-.516	270	621	-.294	.058	-.087	-.531	280	127	-.663	.189	-.108	-1.891
270	450	-.245	.046	-.077	-.538	270	622	-.006	.073	-.300	-.267	280	128	-.621	.177	-.113	-1.524
270	451	-.287	.085	-.069	-.046	270	623	-.374	.135	-.069	-.980	280	129	-.198	.047	-.083	-.404
270	452	-.282	.072	-.092	-.819	270	624	-.401	.087	-.150	-.770	280	130	-.165	.047	-.209	-.376
270	453	-.275	.071	-.026	-.711	270	625	-.403	.100	-.137	-.812	280	131	-.143	.052	-.094	-.515
270	454	-.257	.052	-.006	-.582	270	626	-.038	.076	-.240	-.307	280	132	-.124	.107	-.253	-.746
270	455	-.253	.048	-.118	-.549	270	627	-.274	.073	-.078	-.610	280	133	-.337	.251	-.230	-1.353
270	456	-.249	.052	-.078	-.498	270	628	-.283	.049	-.126	-.492	280	134	-.615	.293	-.161	-2.034
270	457	-.238	.048	-.048	-.488	270	701	-.560	.112	-.223	-1.197	280	135	-.637	.254	-.061	-1.877
270	458	-.257	.058	-.053	-.564	270	702	-.371	.183	-.346	-1.129	280	136	-.023	.055	-.180	-.416
270	459	-.269	.066	-.071	-.736	270	703	-.117	.099	-.216	-.559	280	137	-.065	.073	-.190	-.474
270	460	-.266	.061	-.107	-.629	270	704	-.017	.097	-.438	-.318	280	138	-.177	.040	-.055	-.347
270	461	-.254	.055	-.122	-.619	270	705	-.601	.121	-.225	-1.273	280	139	-.177	.039	-.032	-.334
270	462	-.255	.049	-.134	-.488	270	706	-.418	.173	-.318	-1.085	280	140	-.119	.039	-.048	-.270
270	463	-.241	.050	-.086	-.458	270	707	-.405	.143	1.113	.008	280	141	-.074	.047	-.097	-.253
270	501	-.243	.041	-.123	-.396	270	708	-.379	.133	-.992	.039	280	142	-.112	.086	-.260	-.640
270	502	-.266	.045	-.151	-.414	270	709	-.533	.092	-.230	-1.152	280	143	-.364	.198	-.025	-1.190
270	503	-.261	.052	-.073	-.513	270	710	-.030	.110	-.425	-.592	280	144	-.424	.278	-.024	-1.854
270	504	-.288	.049	-.119	-.503	270	711	-.161	.158	-.818	-.361	280	145	-.002	.054	-.367	-.201
270	505	-.273	.053	-.101	-.465	270	712	-.521	.140	-.108	-1.164	280	146	-.035	.065	-.258	-.332
270	506	-.259	.048	-.099	-.490	270	713	-.527	.090	-.194	-.918	280	201	-.169	.136	-.597	-.317
270	507	-.266	.049	-.125	-.480	270	714	-.564	.136	-.082	-1.440	280	202	-.229	.135	-.654	-.179
270	508	-.277	.056	-.140	-.517	270	715	-.537	.180	-.052	-1.510	280	203	-.224	.128	-.610	-.141
270	509	-.264	.052	-.138	-.460	270	716	-.354	.190	-.277	-1.648	280	204	-.196	.119	-.580	-.228
270	510	-.260	.048	-.144	-.428	280	101	-.240	.068	-.015	-.826	280	205	-.156	.117	-.524	-.286
270	511	-.246	.042	-.076	-.438	280	102	-.226	.076	-.083	-.835	280	206	-.119	.111	-.498	-.253
270	512	-.263	.050	-.116	-.484	280	103	-.245	.097	-.199	-.816	280	207	-.047	.108	-.484	-.360
270	513	-.253	.045	-.116	-.480	280	104	-.401	.162	-.077	-1.394	280	208	-.108	.123	-.605	-.264

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	209	.301	.138	.836	-.103	280	307	.531	.147	-.148	-1.652	280	357	-.521	.112	-.206	-1.340
280	210	.479	.150	.994	-.019	280	308	-.498	.174	-.118	-1.562	280	358	-.408	.115	-.084	-.881
280	211	.458	.152	.847	-.020	280	309	-.478	.186	-.097	-1.493	280	359	-.371	.108	-.077	-.804
280	212	.401	.145	.890	-.005	280	310	-.503	.235	-.034	-1.924	280	360	-.295	.070	-.049	-.605
280	213	.217	.112	.610	-.122	280	311	-.402	.071	-.217	-.722	280	361	-.267	.055	-.067	-.496
280	214	.087	.096	.424	-.306	280	312	-.470	.075	-.261	-.863	280	362	-.283	.069	-.003	-.739
280	215	.059	.117	.565	-.397	280	313	-.461	.071	-.269	-.762	280	401	-.362	.125	-.018	-1.153
280	216	.270	.134	.816	-.150	280	314	-.487	.078	-.266	-.954	280	402	-.337	.112	-.017	-1.109
280	217	.442	.150	.924	-.056	280	315	-.446	.079	-.225	-.779	280	403	-.303	.095	-.015	-.998
280	218	.456	.140	.877	-.053	280	316	-.460	.090	-.187	-.942	280	404	-.286	.080	-.036	-.859
280	219	.380	.138	.864	-.015	280	317	-.502	.116	-.163	-.993	280	405	-.274	.065	-.048	-.644
280	220	.202	.112	.588	-.155	280	318	-.440	.117	-.067	-1.169	280	406	-.272	.066	-.054	-.679
280	221	.040	.098	.420	-.308	280	319	-.483	.167	-.016	-1.370	280	407	-.248	.079	-.074	-.594
280	222	.002	.124	.473	-.372	280	320	-.492	.182	-.003	-1.346	280	408	-.294	.075	-.014	-.671
280	223	.190	.131	.717	-.185	280	321	-.422	.074	-.206	-.743	280	409	-.287	.066	-.078	-.617
280	224	.362	.144	.869	-.021	280	322	-.467	.072	-.253	-.829	280	410	-.278	.069	-.051	-.608
280	225	.356	.143	.859	-.042	280	323	-.484	.074	-.258	-.889	280	411	-.344	.092	-.032	-.885
280	226	.319	.135	.813	-.133	280	324	-.464	.079	-.236	-.875	280	412	-.316	.077	-.055	-.780
280	227	.165	.110	.593	-.157	280	325	-.488	.087	-.214	-.935	280	413	-.276	.057	-.093	-.522
280	228	.035	.097	.440	-.240	280	326	-.487	.102	-.126	-1.026	280	414	-.276	.054	-.082	-.529
280	229	.097	.132	.422	-.662	280	327	-.466	.096	-.062	-1.045	280	415	-.276	.053	-.067	-.488
280	230	.065	.113	.632	-.266	280	328	-.492	.140	-.080	-1.259	280	416	-.283	.048	-.107	-.458
280	231	.225	.104	.620	-.038	280	329	-.519	.145	-.082	-1.197	280	417	-.278	.050	-.095	-.468
280	232	.245	.103	.680	-.002	280	330	-.448	.072	-.258	-.696	280	418	-.275	.052	-.129	-.540
280	233	.229	.105	.665	-.028	280	331	-.488	.084	-.246	-.849	280	419	-.272	.052	-.113	-.466
280	234	.100	.103	.573	-.167	280	332	-.514	.082	-.306	-.868	280	420	-.270	.053	-.107	-.477
280	235	.004	.096	.492	-.271	280	333	-.546	.085	-.315	-.898	280	421	-.274	.047	-.117	-.487
280	236	.174	.086	.252	-.662	280	334	-.526	.091	-.276	-1.084	280	422	-.360	.070	-.127	-.681
280	237	.059	.064	.187	-.390	280	335	-.540	.098	-.255	-1.222	280	423	-.323	.057	-.072	-.560
280	238	.262	.114	.763	-.056	280	336	-.548	.119	-.137	-1.396	280	424	-.289	.041	-.155	-.444
280	239	.337	.127	.807	-.008	280	337	-.515	.114	-.065	-.998	280	425	-.282	.044	-.160	-.463
280	240	.269	.122	.804	-.074	280	338	-.443	.131	-.006	-1.121	280	426	-.278	.044	-.162	-.484
280	241	.173	.105	.623	-.164	280	339	-.483	.160	-.014	-1.380	280	427	-.276	.046	-.160	-.493
280	242	.087	.099	.493	-.199	280	340	-.523	.079	-.308	-.853	280	428	-.283	.046	-.167	-.546
280	243	.023	.053	.214	-.338	280	341	-.557	.089	-.342	-.966	280	429	-.276	.045	-.162	-.520
280	244	.073	.126	.732	-.380	280	342	-.529	.086	-.318	-.919	280	430	-.276	.050	-.125	-.508
280	245	.092	.100	.705	-.221	280	343	-.530	.099	-.274	-.937	280	431	-.282	.048	-.150	-.493
280	246	.009	.062	.338	-.223	280	344	-.581	.117	-.293	-1.116	280	432	-.356	.082	-.098	-.675
280	247	.009	.063	.245	-.299	280	345	-.566	.122	-.301	-1.163	280	433	-.328	.069	-.098	-.634
280	248	.047	.075	.297	-.291	280	346	-.566	.120	-.213	-1.214	280	434	-.298	.049	-.117	-.546
280	249	.147	.195	.289	-.131	280	347	-.435	.117	-.302	-.975	280	435	-.299	.055	-.153	-.545
280	250	.029	.054	.256	-.169	280	348	-.326	.088	-.021	-.714	280	436	-.301	.050	-.176	-.539
280	251	.063	.070	.450	-.120	280	349	-.339	.085	-.080	-.731	280	437	-.293	.049	-.167	-.525
280	252	.047	.075	.351	-.272	280	350	-.509	.099	-.276	-1.021	280	438	-.290	.047	-.153	-.494
280	301	-.429	.070	-.232	-.773	280	351	-.289	.066	-.042	-.523	280	439	-.288	.047	-.150	-.493
280	302	-.499	.081	-.253	-.894	280	352	-.288	.071	-.063	-.581	280	440	-.291	.046	-.157	-.458
280	303	-.486	.082	-.226	-.865	280	353	-.320	.075	-.045	-.757	280	441	-.286	.049	-.130	-.465
280	304	-.507	.088	-.226	-.908	280	354	-.328	.077	-.049	-.788	280	442	-.299	.069	-.049	-.671
280	305	-.501	.093	-.245	-.059	280	355	-.501	.115	-.133	-1.222	280	443	-.299	.070	-.057	-.629
280	306	-.486	.099	-.213	-.189	280	356	-.490	.111	-.157	-1.049	280	444	-.297	.057	-.078	-.535

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2800	445	-.323	.075	-.152	-.746	2800	617	-.333	.062	-.129	-.558	2900	123	-.237	.042	-.027	-.548
2800	446	-.313	.069	-.146	-.619	2800	618	-.000	.070	-.343	-.252	2900	124	-.151	.051	-.068	-.488
2800	447	-.285	.052	-.150	-.663	2800	619	-.057	.180	-.623	-.571	2900	125	-.119	.119	-.198	-.788
2800	448	-.300	.057	-.164	-.568	2800	620	-.370	.066	-.169	-.634	2900	126	-.282	.232	-.233	-1.279
2800	449	-.292	.057	-.157	-.554	2800	621	-.365	.073	-.134	-.649	2900	127	-.479	.185	-.302	-1.455
2800	450	-.271	.054	-.101	-.499	2800	622	-.030	.077	-.339	-.242	2900	128	-.442	.167	-.278	-1.327
2800	451	-.321	.085	-.089	-.730	2800	623	-.321	.153	-.106	-.997	2900	129	-.218	.043	-.034	-.370
2800	452	-.325	.082	-.081	-.678	2800	624	-.470	.099	-.159	-.924	2900	130	-.177	.040	-.015	-.323
2800	453	-.306	.081	-.021	-.701	2800	625	-.566	.143	-.236	-1.151	2900	131	-.146	.042	-.073	-.335
2800	454	-.297	.061	-.042	-.555	2800	626	-.011	.077	-.282	-.318	2900	132	-.078	.063	-.146	-.510
2800	455	-.277	.055	-.141	-.520	2800	627	-.247	.096	-.165	-.524	2900	133	-.165	.160	-.179	-.963
2800	456	-.301	.074	-.062	-.714	2800	628	-.332	.059	-.149	-.571	2900	134	-.427	.245	-.226	-1.726
2800	457	-.259	.060	-.023	-.624	2800	701	-.661	.119	-.267	-1.248	2900	135	-.474	.217	-.211	-1.619
2800	458	-.283	.070	-.056	-.754	2800	702	-.246	.153	-.310	-.763	2900	136	-.024	.056	-.305	-.368
2800	459	-.293	.076	-.091	-.717	2800	703	-.071	.093	-.276	-.492	2900	137	-.003	.065	-.270	-.267
2800	460	-.296	.069	-.110	-.706	2800	704	-.077	.108	-.594	-.229	2900	138	-.182	.041	-.046	-.344
2800	461	-.276	.062	-.095	-.669	2800	705	-.671	.126	-.179	-1.232	2900	139	-.179	.039	-.032	-.319
2800	462	-.281	.058	-.113	-.581	2800	706	-.283	.122	-.136	-.852	2900	140	-.099	.038	-.072	-.236
2800	463	-.266	.059	-.091	-.530	2800	707	-.391	.142	-.993	-.048	2900	141	-.039	.051	-.186	-.237
2800	501	-.274	.053	-.108	-.451	2800	708	-.373	.134	-.947	.059	2900	142	-.054	.075	-.297	-.662
2800	502	-.310	.058	-.139	-.568	2800	709	-.605	.100	-.298	-1.296	2900	143	-.208	.138	-.094	-.932
2800	503	-.272	.060	-.055	-.525	2800	710	-.013	.104	-.421	-.567	2900	144	-.227	.174	-.129	-1.209
2800	504	-.329	.059	-.162	-.583	2800	711	-.123	.130	-.697	-.379	2900	145	-.053	.059	-.394	-.150
2800	505	-.325	.068	-.115	-.610	2800	712	-.525	.131	-.031	-.995	2900	146	.024	.068	-.323	-.259
2800	506	-.317	.066	-.141	-.703	2800	713	-.549	.095	-.268	-1.034	2900	201	.260	.147	-.848	-.275
2800	507	-.303	.056	-.109	-.567	2800	714	-.515	.113	-.193	-1.563	2900	202	.299	.135	-.728	-.228
2800	508	-.313	.059	-.075	-.574	2800	715	-.513	.145	-.076	-1.282	2900	203	.214	.127	-.583	-.251
2800	509	-.307	.058	-.134	-.554	2800	716	-.339	.157	-.208	-1.229	2900	204	.155	.115	-.551	-.242
2800	510	-.310	.055	-.151	-.560	2900	101	-.239	.041	-.092	-.454	2900	205	.087	.110	-.481	-.319
2800	511	-.294	.051	-.134	-.513	2900	102	-.214	.042	-.046	-.429	2900	206	.040	.099	-.435	-.356
2800	512	-.314	.057	-.150	-.571	2900	103	-.209	.047	-.037	-.576	2900	207	-.032	.090	-.289	-.412
2800	513	-.310	.054	-.154	-.529	2900	104	-.209	.072	-.070	-.784	2900	208	.264	.151	-.763	-.308
2800	514	-.321	.055	-.148	-.510	2900	105	-.376	.146	-.104	-.921	2900	209	.400	.161	-.896	-.149
2800	515	-.293	.054	-.146	-.493	2900	106	-.655	.148	-.187	-1.342	2900	210	.477	.157	-.965	-.011
2800	516	-.305	.061	-.125	-.644	2900	107	-.654	.136	-.017	-1.936	2900	211	.422	.139	-.893	-.043
2800	517	-.256	.058	-.027	-.598	2900	108	-.236	.038	-.113	-.431	2900	212	.307	.128	-.797	-.128
2800	601	-.497	.125	-.189	-1.130	2900	109	-.212	.037	-.003	-.370	2900	213	.138	.095	-.419	-.204
2800	602	-.405	.175	-.277	-1.096	2900	110	-.149	.043	-.025	-.558	2900	214	.020	.079	-.300	-.280
2800	603	-.383	.114	-.143	-1.206	2900	111	-.126	.097	-.180	-.770	2900	215	.199	.141	-.736	-.254
2800	604	-.317	.070	-.098	-.605	2900	112	-.347	.259	.212	-1.207	2900	216	.405	.144	-.976	-.092
2800	605	-.296	.057	-.113	-.534	2900	113	-.572	.145	-.022	-1.306	2900	217	.490	.151	-.989	.018
2800	607	-.138	.146	-.661	-.484	2900	114	-.553	.145	-.024	-1.192	2900	218	.453	.139	-.907	.060
2800	608	-.341	.167	-.165	-1.188	2900	115	-.271	.039	-.113	-.536	2900	219	.323	.125	-.725	-.141
2800	610	-.394	.121	-.238	-.921	2900	116	-.221	.044	-.035	-.539	2900	220	.141	.096	-.488	-.123
2800	611	-.455	.119	-.005	-1.039	2900	117	-.168	.060	-.114	-.554	2900	221	-.017	.081	-.393	-.252
2800	612	-.360	.083	-.032	-.732	2900	118	-.152	.156	-.297	-.852	2900	222	.130	.129	-.557	-.275
2800	613	-.335	.068	-.070	-.596	2900	119	-.413	.252	.164	-1.381	2900	223	.264	.144	-.737	-.104
2800	614	-.337	.069	-.149	-.643	2900	120	-.489	.156	-.222	-1.180	2900	224	.368	.146	-.848	.017
2800	615	-.298	.061	-.059	-.538	2900	121	-.488	.145	-.022	-1.315	2900	225	.319	.133	-.813	.013
2800	616	-.329	.066	-.130	-.568	2900	122	-.243	.037	-.085	-.478	2900	226	.265	.118	-.767	-.011

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	325	.123	.107	.461	.162	290	325	.064	.193	.726	.726	290	413	.308	.047	.185	.607
290	326	.003	.091	.316	.264	290	326	.070	.183	.752	.752	290	414	.310	.046	.177	.610
290	327	.039	.134	.555	.388	290	327	.065	.247	.748	.748	290	415	.306	.044	.172	.496
290	328	.173	.124	.640	.182	290	328	.100	.228	.624	.040	290	416	.322	.042	.196	.508
290	329	.245	.114	.662	.040	290	329	.105	.223	.189	.189	290	417	.312	.046	.153	.497
290	330	.239	.097	.649	.026	290	330	.053	.223	.624	.624	290	418	.298	.044	.145	.542
290	331	.210	.097	.655	.043	290	331	.060	.247	.703	.703	290	419	.299	.045	.157	.452
290	332	.090	.092	.309	.193	290	332	.058	.260	.667	.667	290	420	.302	.042	.139	.462
290	333	.014	.083	.475	.285	290	333	.061	.285	.704	.704	290	421	.303	.040	.177	.450
290	334	.087	.087	.358	.414	290	334	.066	.258	.779	.779	290	422	.364	.056	.129	.607
290	335	.001	.064	.441	.248	290	335	.077	.262	.903	.903	290	423	.335	.048	.155	.548
290	336	.270	.114	.693	.092	290	336	.092	.198	.963	.963	290	424	.333	.042	.201	.489
290	337	.332	.124	.815	.009	290	337	.083	.215	.874	.874	290	425	.322	.044	.192	.552
290	338	.258	.118	.735	.016	290	338	.100	.113	.056	.056	290	426	.312	.039	.200	.465
290	339	.179	.104	.601	.134	290	339	.109	.162	.949	.949	290	427	.307	.039	.189	.457
290	340	.101	.097	.513	.310	290	340	.071	.253	.726	.726	290	428	.321	.040	.139	.467
290	341	.101	.064	.536	.452	290	341	.079	.271	.796	.796	290	429	.309	.038	.187	.453
290	342	.012	.064	.536	.231	290	342	.076	.248	.762	.762	290	430	.305	.044	.177	.470
290	343	.102	.108	.656	.151	290	343	.079	.271	.825	.825	290	431	.307	.046	.179	.514
290	344	.112	.092	.544	.123	290	344	.095	.285	.966	.966	290	432	.395	.066	.184	.666
290	345	.045	.062	.538	.142	290	345	.099	.298	.046	.046	290	433	.358	.059	.180	.641
290	346	.055	.055	.326	.266	290	346	.103	.193	.143	.143	290	434	.340	.050	.117	.569
290	347	.080	.073	.363	.931	290	347	.087	.171	.839	.839	290	435	.342	.052	.134	.560
290	348	.049	.134	.303	.079	290	348	.076	.105	.835	.835	290	436	.348	.047	.213	.539
290	349	.069	.048	.247	.116	290	349	.086	.065	.157	.157	290	437	.332	.045	.212	.554
290	350	.101	.067	.411	.343	290	350	.076	.185	.794	.794	290	438	.318	.047	.203	.579
290	351	.067	.074	.336	.630	290	351	.061	.143	.586	.586	290	439	.314	.046	.197	.553
290	352	.404	.059	.182	.846	290	352	.086	.077	.751	.751	290	440	.326	.045	.211	.542
290	353	.480	.074	.213	.813	290	353	.083	.109	.758	.758	290	441	.314	.051	.189	.554
290	354	.451	.078	.116	.813	290	354	.085	.076	.733	.733	290	442	.351	.070	.077	.631
290	355	.466	.083	.166	.862	290	355	.090	.140	.844	.844	290	443	.346	.070	.069	.676
290	356	.444	.078	.198	.884	290	356	.089	.139	.818	.818	290	444	.344	.073	.141	.580
290	357	.426	.079	.195	.856	290	357	.088	.179	.867	.867	290	445	.350	.073	.167	.761
290	358	.449	.096	.150	.984	290	358	.090	.018	.769	.769	290	446	.342	.064	.191	.787
290	359	.447	.127	.071	.434	290	359	.088	.081	.754	.754	290	447	.327	.055	.206	.647
290	360	.491	.156	.017	.588	290	360	.068	.056	.624	.624	290	448	.338	.056	.189	.721
290	361	.495	.177	.019	.520	290	361	.058	.093	.612	.612	290	449	.322	.055	.185	.686
290	362	.387	.052	.215	.651	290	362	.078	.066	.630	.630	290	450	.298	.058	.125	.591
290	363	.412	.053	.228	.623	290	363	.110	.036	.088	.088	290	451	.381	.094	.034	.831
290	364	.410	.050	.230	.612	290	401	.095	.070	.123	.123	290	452	.392	.092	.048	.875
290	365	.431	.056	.250	.654	290	402	.097	.039	.229	.229	290	453	.359	.093	.088	.828
290	366	.408	.056	.217	.700	290	403	.065	.115	.973	.973	290	454	.344	.073	.049	.794
290	367	.397	.055	.223	.682	290	404	.054	.113	.535	.535	290	455	.291	.051	.162	.511
290	368	.437	.064	.244	.779	290	405	.055	.094	.531	.531	290	456	.343	.081	.043	.707
290	369	.433	.071	.225	.702	290	406	.073	.047	.546	.546	290	457	.296	.075	.081	.631
290	370	.496	.128	.185	.199	290	407	.065	.016	.611	.611	290	458	.337	.091	.061	.1014
290	371	.504	.137	.183	.252	290	408	.059	.093	.349	.349	290	459	.321	.078	.135	.836
290	372	.384	.052	.220	.598	290	409	.055	.113	.508	.508	290	460	.331	.071	.129	.793
290	373	.401	.053	.265	.624	290	410	.072	.135	.727	.727	290	461	.304	.064	.145	.728
290	374	.419	.058	.250	.691	290	411	.061	.156	.714	.714	290	462	.315	.064	.141	.707
290	375	.401	.060	.188	.647	290	412										

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	463	.297	.066	.027	.705	290	707	.355	.140	.990	.022	300	141	.014	.051	.247	.163
290	501	.314	.061	.103	.550	290	708	.345	.133	.956	.027	300	142	.034	.066	.303	.360
290	502	.364	.068	.097	.615	290	709	.617	.098	.319	.059	300	143	.074	.101	.192	.539
290	503	.308	.080	.001	.643	290	710	.046	.103	.486	.641	300	144	.071	.119	.200	.816
290	504	.369	.085	.182	.687	290	711	.092	.113	.602	.328	300	145	.145	.099	.695	.066
290	505	.371	.070	.150	.628	290	712	.446	.126	.044	.909	300	146	.121	.098	.670	.192
290	506	.366	.069	.131	.615	290	713	.571	.105	.277	.467	300	201	.337	.151	.837	.140
290	507	.337	.061	.056	.753	290	714	.494	.099	.067	.979	300	202	.303	.136	.703	.173
290	508	.354	.061	.123	.680	290	715	.470	.112	.049	.145	300	203	.154	.120	.568	.230
290	509	.346	.058	.116	.572	290	716	.248	.133	.264	.825	300	204	.096	.103	.425	.271
290	510	.351	.060	.162	.615	300	101	.199	.038	.033	.355	300	205	.018	.095	.325	.256
290	511	.339	.056	.165	.700	300	102	.167	.041	.003	.331	300	206	.034	.082	.268	.302
290	512	.340	.059	.111	.573	300	103	.168	.047	.016	.391	300	207	.100	.073	.175	.424
290	513	.334	.059	.135	.552	300	104	.149	.054	.113	.430	300	208	.412	.160	.831	.129
290	514	.348	.061	.155	.596	300	105	.188	.048	.003	.408	300	209	.453	.161	.907	.042
290	515	.322	.060	.128	.542	300	106	.382	.229	.250	.127	300	210	.428	.142	.884	.028
290	516	.358	.067	.147	.723	300	107	.490	.197	.357	.188	300	211	.352	.128	.871	.017
290	517	.278	.073	.007	.706	300	108	.191	.032	.054	.311	300	212	.215	.114	.685	.272
290	601	.441	.095	.172	.044	300	109	.160	.037	.020	.299	300	213	.044	.078	.368	.196
290	602	.377	.136	.220	.929	300	110	.074	.049	.149	.228	300	214	.055	.063	.222	.282
290	603	.384	.101	.033	.019	300	111	.007	.064	.234	.303	300	215	.361	.148	.823	.078
290	604	.343	.074	.111	.638	300	112	.055	.123	.317	.944	300	216	.467	.147	.924	.027
290	605	.351	.058	.145	.605	300	113	.216	.247	.508	.1067	300	217	.441	.135	.857	.085
290	607	.219	.134	.870	.460	300	114	.233	.256	.519	.115	300	218	.372	.115	.785	.067
290	608	.267	.122	.223	.824	300	115	.232	.254	.513	.107	300	219	.218	.103	.582	.056
290	610	.370	.107	.158	.107	300	116	.227	.259	.530	.119	300	220	.046	.075	.312	.141
290	611	.441	.112	.109	.647	300	117	.101	.040	.080	.292	300	221	.102	.063	.144	.275
290	612	.390	.082	.128	.724	300	118	.027	.063	.233	.307	300	222	.271	.143	.858	.222
290	613	.383	.065	.160	.615	300	119	.003	.186	.320	.140	300	223	.347	.143	.850	.040
290	614	.382	.068	.165	.614	300	120	.208	.212	.521	.898	300	224	.373	.133	.869	.021
290	615	.339	.060	.128	.566	300	121	.191	.187	.688	.877	300	225	.289	.121	.748	.023
290	616	.368	.065	.138	.628	300	122	.214	.027	.069	.316	300	226	.226	.108	.649	.047
290	617	.367	.063	.155	.584	300	123	.208	.031	.061	.363	300	227	.064	.088	.438	.202
290	618	.124	.214	.316	.599	300	124	.103	.039	.106	.379	300	228	.039	.072	.255	.283
290	619	.018	.172	.716	.517	300	125	.002	.063	.223	.442	300	229	.167	.146	.748	.308
290	620	.396	.073	.165	.743	300	126	.002	.160	.346	.873	300	230	.242	.132	.754	.159
290	621	.432	.081	.145	.837	300	127	.232	.216	.522	.031	300	231	.237	.108	.635	.052
290	622	.078	.082	.465	.185	300	128	.217	.186	.630	.961	300	232	.217	.093	.585	.073
290	623	.217	.134	.180	.976	300	129	.202	.035	.038	.311	300	233	.186	.089	.532	.082
290	624	.497	.118	.157	.937	300	130	.153	.036	.046	.271	300	234	.059	.083	.392	.152
290	625	.721	.185	.232	.456	300	131	.117	.041	.077	.256	300	235	.029	.073	.287	.217
290	626	.066	.081	.349	.195	300	132	.012	.050	.222	.219	300	236	.030	.109	.556	.239
290	627	.170	.098	.261	.467	300	133	.019	.101	.207	.558	300	237	.076	.088	.586	.175
290	628	.357	.062	.140	.694	300	134	.137	.192	.415	.516	300	238	.266	.106	.686	.017
290	701	.709	.133	.299	.294	300	135	.209	.177	.387	.409	300	239	.304	.108	.797	.029
290	702	.329	.116	.171	.770	300	136	.047	.095	.426	.394	300	240	.241	.098	.592	.059
290	703	.007	.076	.299	.394	300	137	.048	.065	.293	.299	300	241	.175	.085	.466	.038
290	704	.138	.112	.681	.189	300	138	.171	.030	.052	.316	300	242	.097	.081	.384	.111
290	705	.642	.127	.208	.127	300	139	.170	.032	.049	.289	300	243	.032	.095	.556	.453
290	706	.155	.079	.071	.549	300	140	.067	.040	.099	.214	300	244	.121	.082	.464	.194

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3000	245	.143	.081	.576	.121	3000	343	.413	.057	.254	.691	3000	431	.292	.030	.197	.403
3000	246	.116	.091	.500	.113	3000	344	.424	.064	.217	.738	3000	432	.426	.050	.263	.603
3000	247	.076	.052	.283	.113	3000	345	.455	.068	.253	.778	3000	433	.386	.044	.242	.531
3000	248	.085	.063	.317	.245	3000	346	.453	.082	.225	.896	3000	434	.343	.038	.210	.501
3000	249	.003	.121	.249	.983	3000	347	.442	.078	.232	.859	3000	435	.311	.035	.150	.457
3000	250	.105	.051	.312	.076	3000	348	.403	.061	.178	.782	3000	436	.330	.033	.217	.465
3000	251	.107	.058	.319	.054	3000	349	.431	.071	.179	.838	3000	437	.310	.032	.205	.451
3000	252	.088	.064	.327	.198	3000	350	.394	.068	.197	.749	3000	438	.301	.029	.215	.416
3000	301	.395	.052	.209	.607	3000	351	.366	.053	.137	.615	3000	439	.295	.029	.209	.410
3000	302	.448	.066	.222	.861	3000	352	.366	.060	.180	.757	3000	440	.321	.029	.219	.439
3000	303	.417	.069	.071	.781	3000	353	.390	.066	.140	.692	3000	441	.301	.030	.207	.426
3000	304	.420	.071	.014	.775	3000	354	.396	.070	.155	.740	3000	442	.388	.064	.231	.771
3000	305	.414	.062	.181	.703	3000	355	.393	.075	.159	.847	3000	443	.383	.063	.189	.811
3000	306	.393	.060	.167	.667	3000	356	.388	.075	.180	.799	3000	444	.402	.051	.258	.608
3000	307	.412	.065	.106	.854	3000	357	.420	.073	.203	.840	3000	445	.340	.044	.153	.583
3000	308	.445	.089	.045	.843	3000	358	.373	.070	.041	.724	3000	446	.319	.040	.210	.490
3000	309	.532	.146	.096	.290	3000	359	.356	.080	.066	.746	3000	447	.315	.035	.200	.474
3000	310	.518	.157	.085	.229	3000	360	.345	.066	.127	.662	3000	448	.329	.037	.227	.487
3000	311	.392	.046	.216	.570	3000	361	.342	.055	.133	.626	3000	449	.307	.035	.212	.451
3000	312	.393	.045	.234	.573	3000	362	.333	.065	.047	.595	3000	450	.297	.033	.106	.516
3000	313	.404	.044	.251	.580	3000	401	.376	.079	.145	.790	3000	451	.423	.088	.160	.931
3000	314	.406	.046	.247	.592	3000	402	.336	.069	.096	.700	3000	452	.445	.083	.132	.871
3000	315	.397	.045	.225	.588	3000	403	.278	.052	.103	.553	3000	453	.423	.085	.250	.153
3000	316	.386	.045	.224	.559	3000	404	.311	.055	.144	.574	3000	454	.386	.061	.170	.800
3000	317	.427	.050	.266	.659	3000	405	.301	.052	.120	.553	3000	455	.293	.039	.162	.423
3000	318	.445	.065	.232	.876	3000	406	.295	.048	.101	.523	3000	456	.393	.065	.000	.642
3000	319	.500	.100	.235	.971	3000	407	.304	.053	.084	.592	3000	457	.335	.055	.068	.566
3000	320	.491	.097	.227	.971	3000	408	.324	.059	.101	.562	3000	458	.325	.048	.134	.606
3000	321	.379	.041	.251	.534	3000	409	.310	.048	.145	.518	3000	459	.303	.041	.174	.457
3000	322	.378	.039	.247	.528	3000	410	.276	.047	.118	.447	3000	460	.330	.041	.292	.479
3000	323	.394	.041	.265	.548	3000	411	.362	.058	.116	.673	3000	461	.300	.037	.177	.441
3000	324	.393	.043	.259	.546	3000	412	.345	.049	.173	.572	3000	462	.298	.041	.163	.520
3000	325	.410	.044	.273	.580	3000	413	.284	.039	.165	.439	3000	463	.289	.043	.145	.521
3000	326	.405	.046	.264	.595	3000	414	.286	.036	.177	.426	3000	501	.340	.050	.185	.531
3000	327	.429	.054	.230	.664	3000	415	.284	.037	.162	.403	3000	502	.393	.050	.233	.624
3000	328	.475	.079	.239	.912	3000	416	.312	.035	.195	.422	3000	503	.368	.058	.130	.626
3000	329	.503	.076	.256	.831	3000	417	.304	.036	.187	.441	3000	504	.402	.068	.202	.683
3000	330	.371	.041	.227	.520	3000	418	.285	.033	.160	.409	3000	505	.399	.056	.248	.632
3000	331	.397	.049	.254	.584	3000	419	.294	.035	.174	.432	3000	506	.386	.054	.245	.629
3000	332	.403	.048	.276	.583	3000	420	.303	.036	.188	.422	3000	507	.357	.058	.200	.628
3000	333	.434	.049	.302	.616	3000	421	.304	.030	.222	.414	3000	508	.409	.074	.245	.988
3000	334	.413	.051	.267	.667	3000	422	.378	.049	.172	.556	3000	509	.377	.049	.212	.573
3000	335	.421	.052	.261	.717	3000	423	.344	.044	.192	.513	3000	510	.386	.047	.197	.570
3000	336	.429	.061	.261	.797	3000	424	.335	.036	.178	.461	3000	511	.365	.048	.215	.581
3000	337	.470	.059	.282	.778	3000	425	.310	.035	.207	.449	3000	512	.339	.056	.214	.609
3000	338	.478	.076	.274	.809	3000	426	.306	.032	.196	.442	3000	513	.370	.050	.219	.575
3000	339	.465	.077	.227	.919	3000	427	.299	.032	.192	.430	3000	514	.394	.051	.209	.568
3000	340	.462	.051	.269	.654	3000	428	.326	.032	.219	.432	3000	515	.346	.049	.165	.546
3000	341	.434	.061	.270	.758	3000	429	.305	.031	.200	.414	3000	516	.374	.049	.226	.593
3000	342	.411	.060	.252	.746	3000	430	.294	.031	.193	.402	3000	517	.320	.052	.113	.563

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3000	601	-.424	.079	-.190	-.932	310	109	-.113	.049	.141	-.261	310	213	-.062	.063	.155	-.255
3000	602	-.384	.116	-.278	-1.210	310	110	-.001	.065	.315	-.180	310	214	-.137	.053	.043	-.317
3000	603	-.397	.085	-.059	-.859	310	111	-.095	.090	.392	-.135	310	215	-.436	.157	.875	-.123
3000	604	-.357	.070	-.118	-.737	310	112	-.199	.106	.549	-.101	310	216	-.450	.153	.888	-.033
3000	605	-.376	.061	-.187	-.740	310	113	-.251	.209	.744	-.588	310	217	-.347	.131	.744	-.020
3000	607	-.226	.122	-.764	-.102	310	114	-.228	.239	.852	-.541	310	218	-.267	.107	.617	-.014
3000	608	-.217	.103	-.263	-.639	310	115	-.223	.034	.073	-.322	310	219	-.153	.085	.477	-.073
3000	610	-.398	.103	-.088	-.956	310	116	-.136	.041	.053	-.261	310	220	-.027	.060	.205	-.202
3000	611	-.433	.106	-.164	-.914	310	117	-.028	.057	.176	-.217	310	221	-.181	.054	.028	-.353
3000	612	-.398	.079	-.118	-.833	310	118	-.139	.083	.421	-.103	310	222	-.374	.147	.897	-.179
3000	613	-.402	.059	-.202	-.711	310	119	-.198	.108	.524	-.277	310	223	-.346	.138	.874	-.140
3000	614	-.405	.061	-.210	-.718	310	120	-.215	.235	.727	-.768	310	224	-.313	.117	.897	-.044
3000	615	-.376	.056	-.193	-.597	310	121	-.196	.239	.825	-.667	310	225	-.209	.102	.759	-.035
3000	616	-.405	.059	-.204	-.629	310	122	-.203	.036	.050	-.329	310	226	-.144	.086	.561	-.089
3000	617	-.417	.059	-.204	-.655	310	123	-.186	.043	.016	-.329	310	227	-.004	.070	.366	-.231
3000	618	-.098	.076	-.434	-.145	310	124	-.048	.055	.179	-.210	310	228	-.111	.060	.193	-.315
3000	619	-.000	.162	-.826	-.390	310	125	-.090	.080	.394	-.119	310	229	-.215	.135	.725	-.166
3000	620	-.402	.078	-.153	-.789	310	126	-.166	.104	.534	-.230	310	230	-.235	.127	.804	-.208
3000	621	-.455	.072	-.173	-.747	310	127	-.092	.224	.668	-.687	310	231	-.226	.099	.625	-.016
3000	622	-.106	.087	-.442	-.140	310	128	-.093	.222	.710	-.605	310	232	-.174	.082	.462	-.066
3000	623	-.202	.106	-.186	-.816	310	129	-.194	.041	.011	-.344	310	233	-.132	.075	.446	-.119
3000	624	-.122	.122	-.155	-1.074	310	130	-.134	.045	.097	-.281	310	234	-.006	.071	.295	-.263
3000	625	-.750	.180	-.238	-1.450	310	131	-.087	.053	.217	-.226	310	235	-.101	.067	.187	-.317
3000	626	-.105	.086	-.417	-.185	310	132	-.036	.062	.364	-.123	310	236	-.104	.100	.514	-.186
3000	627	-.146	.090	-.371	-.450	310	133	-.056	.074	.338	-.340	310	237	-.129	.092	.495	-.085
3000	628	-.361	.060	-.153	-.651	310	134	-.012	.152	.486	-.817	310	238	-.254	.100	.645	-.012
3000	701	-.903	.186	-.354	-1.745	310	135	-.054	.160	.478	-.806	310	239	-.266	.097	.665	-.019
3000	702	-.326	.073	-.036	-.727	310	136	-.069	.111	.530	-.376	310	240	-.161	.093	.459	-.090
3000	703	-.056	.066	-.316	-.219	310	137	-.065	.067	.524	-.233	310	241	-.103	.081	.387	-.105
3000	704	-.221	.141	-.911	-.371	310	138	-.156	.036	.016	-.269	310	242	-.019	.079	.336	-.202
3000	705	-.494	.163	-.084	-1.033	310	139	-.148	.042	.018	-.255	310	243	-.049	.115	.638	-.332
3000	706	-.177	.103	-.089	-.551	310	140	-.020	.054	.228	-.145	310	244	-.145	.078	.584	-.069
3000	707	-.318	.134	-.944	-.016	310	141	-.091	.067	.352	-.098	310	245	-.176	.088	.671	-.036
3000	708	-.316	.127	-.828	-.010	310	142	-.122	.071	.438	-.110	310	246	-.187	.113	.814	-.051
3000	709	-.662	.106	-.338	-1.163	310	143	-.041	.078	.303	-.428	310	247	-.076	.054	.256	-.181
3000	710	-.047	.089	-.365	-.431	310	144	-.058	.080	.318	-.473	310	248	-.070	.058	.264	-.134
3000	711	-.063	.094	-.455	-.304	310	145	-.211	.105	.596	-.033	310	249	-.043	.080	.274	-.377
3000	712	-.260	.110	-.039	-.849	310	146	-.188	.093	.575	-.041	310	250	-.105	.052	.255	-.079
3000	713	-.515	.088	-.233	-1.019	310	201	-.294	.148	.742	-.325	310	251	-.090	.056	.298	-.064
3000	714	-.447	.074	-.123	-.789	310	202	-.207	.138	.683	-.317	310	252	-.085	.061	.273	-.226
3000	715	-.324	.118	-.082	-.750	310	203	-.058	.107	.473	-.265	310	301	-.388	.067	-.160	-.706
3000	716	-.062	.117	-.467	-.509	310	204	-.020	.093	.366	-.293	310	302	-.440	.067	-.176	-.687
310	101	-.188	.046	-.027	-.398	310	205	-.051	.085	.267	-.291	310	303	-.419	.064	-.090	-.664
310	102	-.146	.051	-.068	-.380	310	206	-.095	.071	.194	-.330	310	304	-.442	.065	-.157	-.705
310	103	-.141	.058	-.064	-.428	310	207	-.153	.061	.062	-.356	310	305	-.447	.062	-.219	-.706
310	104	-.100	.067	-.201	-.327	310	208	-.493	.159	.921	-.283	310	306	-.427	.061	-.209	-.815
310	105	-.138	.065	-.085	-.365	310	209	-.454	.150	.907	-.246	310	307	-.451	.075	-.145	-.786
310	106	-.057	.134	-.325	-.853	310	210	-.355	.117	.727	-.004	310	308	-.441	.090	-.087	-.838
310	107	-.011	.221	-.566	-.955	310	211	-.238	.109	.614	-.140	310	309	-.448	.119	-.087	-.998
310	108	-.157	.041	-.002	-.300	310	212	-.105	.094	.427	-.166	310	310	-.454	.140	-.099	-1.158

APPENDIX A -- PRESSURE DATA:

CONFIGURATION A:

ARCO OFFICE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	311	419	069	210	730	310	361	337	037	681	641	310	449	328	036	214	478
310	312	422	057	231	601	310	362	337	060	605	579	310	450	323	038	206	510
310	313	432	058	246	611	310	401	344	068	127	676	310	451	447	117	190	332
310	314	441	058	246	622	310	402	320	060	114	649	310	452	460	092	248	972
310	315	434	063	261	727	310	403	305	057	110	588	310	453	433	090	206	956
310	316	432	061	260	643	310	404	346	057	135	644	310	454	377	057	213	818
310	317	489	066	297	762	310	405	321	047	117	547	310	455	377	039	210	461
310	318	450	064	194	715	310	406	320	046	147	522	310	456	370	055	113	646
310	319	424	107	160	864	310	407	328	047	132	505	310	457	351	055	147	701
310	320	436	122	154	934	310	408	357	053	132	586	310	458	337	047	180	637
310	321	446	064	238	745	310	409	335	046	154	523	310	459	322	044	202	551
310	322	457	062	239	715	310	410	314	046	129	510	310	460	337	045	229	584
310	323	445	056	291	635	310	411	345	064	134	622	310	461	327	043	199	515
310	324	441	057	282	715	310	412	358	053	176	613	310	462	324	041	194	501
310	325	474	060	309	808	310	413	320	039	204	463	310	463	316	042	156	510
310	326	476	062	304	765	310	414	309	034	178	435	310	501	318	042	199	558
310	327	468	069	097	728	310	415	303	032	181	415	310	502	351	039	246	504
310	328	440	113	058	905	310	416	339	031	226	436	310	503	354	047	178	562
310	329	480	124	095	071	310	417	324	032	206	446	310	504	360	076	184	790
310	330	448	059	294	725	310	418	325	034	198	445	310	505	401	073	209	831
310	331	484	072	267	788	310	419	315	032	173	456	310	506	372	052	224	737
310	332	500	071	310	774	310	420	334	034	166	456	310	507	312	048	136	562
310	333	538	075	346	823	310	421	324	028	211	421	310	508	437	104	241	103
310	334	520	077	322	898	310	422	385	069	146	672	310	509	325	046	197	639
310	335	505	079	291	833	310	423	358	058	185	717	310	510	327	040	207	550
310	336	522	089	290	939	310	424	366	039	255	518	310	511	321	045	188	518
310	337	521	084	022	932	310	425	330	033	223	458	310	512	383	062	200	673
310	338	456	112	102	848	310	426	323	031	213	446	310	513	322	042	197	512
310	339	443	128	177	020	310	427	316	031	205	434	310	514	337	041	231	501
310	340	498	078	290	836	310	428	354	032	246	473	310	515	305	039	191	460
310	341	539	092	304	913	310	429	325	031	221	444	310	516	349	044	220	520
310	342	484	089	279	858	310	430	319	032	223	420	310	517	338	045	180	517
310	343	522	089	224	831	310	431	322	034	220	463	310	601	497	092	241	953
310	344	522	104	250	949	310	432	434	071	195	757	310	602	476	114	043	992
310	345	556	107	275	986	310	433	388	058	216	654	310	603	483	091	198	823
310	346	542	107	254	008	310	434	344	038	249	508	310	604	409	074	086	691
310	347	450	103	026	848	310	435	324	033	232	473	310	605	387	065	195	676
310	348	369	080	004	769	310	436	356	033	255	514	310	607	191	116	618	131
310	349	398	079	073	889	310	437	329	032	231	486	310	608	234	091	061	706
310	350	469	084	226	935	310	438	326	033	235	453	310	610	534	134	143	042
310	351	353	062	121	709	310	439	318	033	234	446	310	611	539	117	172	365
310	352	342	068	139	675	310	440	353	033	265	470	310	612	442	082	131	807
310	353	384	069	162	709	310	441	328	034	238	478	310	613	410	065	168	642
310	354	399	073	192	767	310	442	389	068	235	014	310	614	400	063	213	635
310	355	456	095	174	979	310	443	382	068	224	017	310	615	358	056	177	501
310	356	451	094	169	922	310	444	397	050	225	632	310	616	365	052	209	651
310	357	488	095	214	942	310	445	341	040	221	510	310	617	345	046	180	560
310	358	455	091	136	858	310	446	329	037	209	470	310	618	090	079	383	153
310	359	443	087	106	840	310	447	333	036	236	494	310	619	052	155	776	482
310	360	396	068	119	665	310	448	355	036	246	509	310	620	461	079	251	770

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	621	.449	.072	.251	.812	320	127	.313	.146	.832	-.504	320	231	.183	.092	.524	-.261
310	622	.128	.092	.505	.118	320	128	.326	.157	.895	-.423	320	232	.131	.067	.422	-.073
310	623	.223	.091	.103	.623	320	129	.174	.040	.010	-.309	320	233	.087	.062	.351	-.097
310	624	.592	.118	.199	.205	320	130	.104	.043	.077	-.249	320	234	.051	.061	.245	-.228
310	625	.721	.165	.227	.549	320	131	.046	.054	.188	-.207	320	235	.142	.059	.181	-.333
310	626	.121	.089	.448	.166	320	132	.103	.071	.363	-.071	320	236	.129	.078	.548	-.316
310	627	.188	.075	.258	.499	320	133	.165	.087	.568	-.061	320	237	.152	.082	.590	-.235
310	628	.293	.053	.140	.521	320	134	.201	.117	.639	-.421	320	238	.203	.095	.663	-.024
310	701	.379	.264	.521	.425	320	135	.155	.134	.698	-.384	320	239	.195	.085	.681	-.021
310	702	.372	.073	.134	.558	320	136	.182	.111	.684	-.268	320	240	.107	.075	.474	-.078
310	703	.070	.058	.279	.143	320	137	.114	.092	.603	-.137	320	241	.064	.071	.403	-.119
310	704	.248	.120	.761	.066	320	138	.125	.041	.039	-.275	320	242	.025	.072	.311	-.248
310	705	.266	.060	.067	.844	320	139	.112	.049	.128	-.284	320	243	.161	.112	.644	-.263
310	706	.291	.092	.036	.688	320	140	.031	.065	.359	-.151	320	244	.169	.077	.460	-.128
310	707	.263	.110	.620	.017	320	141	.179	.083	.503	-.045	320	245	.193	.085	.536	-.043
310	708	.277	.109	.693	.041	320	142	.212	.086	.544	-.007	320	246	.208	.102	.644	-.010
310	709	.753	.118	.371	.230	320	143	.127	.074	.387	-.200	320	247	.022	.068	.224	-.371
310	710	.037	.069	.281	.525	320	144	.147	.070	.363	-.139	320	248	.030	.058	.245	-.196
310	711	.038	.076	.386	.275	320	145	.221	.098	.631	-.004	320	249	.059	.060	.274	-.250
310	712	.182	.042	.016	.555	320	146	.203	.087	.589	-.012	320	250	.067	.053	.291	-.151
310	713	.480	.079	.248	.988	320	201	.109	.190	.592	-.775	320	251	.067	.054	.298	-.080
310	714	.384	.094	.052	.721	320	202	.043	.137	.468	-.596	320	252	.085	.058	.285	-.154
310	715	.027	.129	.447	.691	320	203	.039	.085	.242	-.334	320	301	.355	.061	.141	-.583
310	716	.010	.077	.311	.285	320	204	.048	.073	.221	-.284	320	302	.439	.063	.178	-.691
320	101	.155	.055	.055	.366	320	205	.107	.065	.147	-.322	320	303	.383	.064	.173	-.618
320	102	.110	.061	.122	.325	320	206	.136	.054	.070	-.319	320	304	.412	.063	.126	-.656
320	103	.110	.069	.147	.394	320	207	.186	.050	.018	-.373	320	305	.423	.059	.233	-.619
320	104	.039	.079	.264	.280	320	208	.313	.223	.843	-.727	320	306	.408	.059	.218	-.598
320	105	.028	.083	.244	.313	320	209	.298	.189	.770	-.858	320	307	.462	.082	.183	-.849
320	106	.147	.136	.580	.299	320	210	.238	.104	.558	-.120	320	308	.384	.092	.001	-.914
320	107	.247	.158	.706	.571	320	211	.127	.090	.425	-.107	320	309	.347	.082	.068	-.777
320	108	.100	.055	.101	.275	320	212	.016	.074	.300	-.210	320	310	.335	.088	.088	-.848
320	109	.047	.062	.182	.315	320	213	.135	.050	.040	-.319	320	311	.403	.061	.210	-.651
320	110	.095	.081	.369	.284	320	214	.183	.046	.001	-.363	320	312	.405	.056	.230	-.584
320	111	.215	.106	.523	.233	320	215	.282	.212	.813	-.502	320	313	.415	.058	.248	-.612
320	112	.339	.121	.684	.052	320	216	.303	.194	.840	-.471	320	314	.425	.056	.256	-.611
320	113	.433	.154	.885	.239	320	217	.232	.106	.592	-.087	320	315	.429	.054	.258	-.623
320	114	.457	.166	.965	.289	320	218	.164	.083	.458	-.117	320	316	.430	.058	.245	-.621
320	115	.175	.046	.006	.312	320	219	.048	.067	.307	-.140	320	317	.489	.062	.311	-.833
320	116	.074	.058	.142	.232	320	220	.101	.046	.063	-.265	320	318	.410	.061	.153	-.683
320	117	.058	.074	.367	.177	320	221	.237	.044	.054	-.379	320	319	.340	.073	.083	-.768
320	118	.253	.104	.601	.024	320	222	.217	.202	.835	-.555	320	320	.343	.086	.114	-.895
320	119	.328	.129	.753	.018	320	223	.248	.155	.730	-.406	320	321	.431	.060	.240	-.607
320	120	.432	.155	.910	.234	320	224	.232	.092	.637	-.004	320	322	.446	.057	.283	-.618
320	121	.398	.162	.869	.262	320	225	.127	.076	.446	-.075	320	323	.452	.059	.304	-.664
320	122	.157	.042	.029	.301	320	226	.073	.064	.317	-.110	320	324	.456	.060	.289	-.703
320	123	.132	.053	.092	.288	320	227	.065	.059	.240	-.265	320	325	.492	.063	.313	-.758
320	124	.019	.068	.329	.164	320	228	.163	.052	.053	-.332	320	326	.496	.065	.266	-.763
320	125	.191	.090	.494	.080	320	229	.155	.170	.695	-.420	320	327	.424	.074	.064	-.723
320	126	.295	.111	.675	.036	320	230	.175	.141	.602	-.368	320	328	.349	.098	.043	-.708

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	329	387	105	012	857	320	417	346	038	208	494	320	504	353	070	179	757
320	330	432	052	263	616	320	418	324	036	203	455	320	505	370	065	168	673
320	331	483	065	276	759	320	419	324	038	201	465	320	506	362	049	196	603
320	332	499	064	321	769	320	420	347	038	212	481	320	507	312	045	179	519
320	333	535	066	357	796	320	421	327	032	230	437	320	508	410	093	191	930
320	334	522	071	313	851	320	422	372	070	122	967	320	509	320	050	173	702
320	335	528	078	307	854	320	423	350	061	159	796	320	510	327	039	188	489
320	336	544	086	304	015	320	424	376	041	256	667	320	511	322	046	189	475
320	337	506	098	139	937	320	425	331	034	213	459	320	512	356	062	201	682
320	338	375	125	119	826	320	426	331	031	243	462	320	513	309	040	182	501
320	339	375	118	079	983	320	427	320	031	223	443	320	514	331	038	213	514
320	340	508	072	311	747	320	428	369	032	273	488	320	515	301	037	176	463
320	341	552	085	313	862	320	429	333	030	245	444	320	516	327	041	215	474
320	342	522	083	288	806	320	430	316	031	222	446	320	517	321	044	161	506
320	343	519	084	283	849	320	431	316	032	223	458	320	601	518	088	196	896
320	344	567	097	294	015	320	432	411	067	180	789	320	602	519	104	154	978
320	345	601	102	311	015	320	433	366	058	186	661	320	603	500	084	170	859
320	346	564	110	138	140	320	434	352	042	220	552	320	604	418	071	219	880
320	347	433	121	034	942	320	435	330	034	211	453	320	605	389	075	174	851
320	348	345	094	083	700	320	436	371	035	271	510	320	607	157	108	606	144
320	349	380	083	022	796	320	437	338	034	238	452	320	608	219	075	031	637
320	350	498	085	268	876	320	438	338	035	213	469	320	610	607	134	213	329
320	351	345	067	021	654	320	439	326	035	198	458	320	611	551	105	217	031
320	352	322	063	060	624	320	440	369	035	242	510	320	612	450	083	119	836
320	353	347	065	127	637	320	441	341	036	220	474	320	613	415	071	196	829
320	354	361	066	144	678	320	442	388	069	232	765	320	614	396	071	211	791
320	355	473	091	185	935	320	443	378	068	223	737	320	615	342	057	134	616
320	356	471	091	183	917	320	444	400	050	227	667	320	616	338	050	163	600
320	357	510	091	235	964	320	445	348	039	235	507	320	617	340	045	196	533
320	358	505	092	216	000	320	446	338	037	224	473	320	618	092	082	416	233
320	359	469	083	058	813	320	447	340	036	229	484	320	619	125	129	581	444
320	360	415	073	153	741	320	448	372	038	261	510	320	620	454	087	236	834
320	361	337	065	108	737	320	449	337	037	233	472	320	621	406	073	200	689
320	362	326	051	114	550	320	450	331	038	201	490	320	622	127	099	596	285
320	401	332	082	120	968	320	451	406	114	201	570	320	623	248	084	061	613
320	402	321	074	009	741	320	452	435	092	242	317	320	624	648	131	282	254
320	403	324	079	037	801	320	453	405	081	235	895	320	625	730	163	299	308
320	404	372	060	066	686	320	454	365	053	198	651	320	626	138	091	460	154
320	405	343	058	100	719	320	455	323	040	228	495	320	627	205	071	130	470
320	406	342	059	130	639	320	456	358	056	100	782	320	628	290	049	093	481
320	407	355	062	034	659	320	457	348	055	110	709	320	701	321	324	420	416
320	408	409	074	071	843	320	458	335	042	184	530	320	702	481	123	066	396
320	409	376	061	118	656	320	459	322	041	208	509	320	703	102	069	421	201
320	410	331	054	132	552	320	460	371	042	234	581	320	704	256	114	695	164
320	411	331	066	066	691	320	461	331	040	228	519	320	705	310	109	118	972
320	412	368	058	171	713	320	462	335	043	215	528	320	706	418	086	081	893
320	413	331	042	165	532	320	463	324	043	198	512	320	707	191	080	523	010
320	414	327	038	189	485	320	501	318	042	195	559	320	708	219	085	563	022
320	415	317	036	201	434	320	502	350	039	227	554	320	709	785	121	398	270
320	416	365	035	266	486	320	503	349	047	161	549	320	710	045	059	238	262

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3300	711	.033	.068	.334	-.266	3300	145	.221	.103	.727	-.008	3300	249	.048	.052	.275	-.116
3300	712	-.189	.060	.078	-.583	3300	146	.216	.097	.682	-.015	3300	250	.032	.059	.299	-.275
3300	713	-.416	.069	.208	-.694	3300	201	.329	.185	.372	-.905	3300	251	.051	.056	.296	-.095
3300	714	-.196	.134	.318	-.649	3300	202	-.256	.234	.356	-1.043	3300	252	.074	.052	.311	-.103
3300	715	-.005	.089	.375	-.333	3300	203	-.107	.069	.156	-.630	3300	301	-.380	.069	-.185	-.679
3300	716	-.012	.085	.273	-.364	3300	204	-.110	.057	.120	-.325	3300	302	-.437	.073	-.183	-.733
3300	101	-.102	.072	.182	-.352	3300	205	-.167	.054	.064	-.349	3300	303	-.412	.073	-.175	-.668
3300	102	-.054	.080	.242	-.327	3300	206	-.182	.047	-.003	-.343	3300	304	-.418	.080	-.003	-.669
3300	103	-.058	.089	.236	-.368	3300	207	-.224	.045	-.032	-.385	3300	305	-.444	.066	-.234	-.684
3300	104	-.038	.094	.356	-.287	3300	208	-.162	.214	.692	-.806	3300	306	-.437	.067	-.235	-.688
3300	105	-.058	.100	.344	-.271	3300	209	-.190	.258	.584	-.973	3300	307	-.456	.085	-.182	-.786
3300	106	-.236	.143	.637	-.284	3300	210	.073	.110	.395	-.926	3300	308	-.374	.142	-.067	-1.670
3300	107	-.290	.139	.711	-.194	3300	211	.024	.061	.270	-.227	3300	309	-.342	.113	-.055	-1.231
3300	108	-.028	.069	.252	-.244	3300	212	-.093	.050	.106	-.358	3300	310	-.334	.109	-.071	-1.377
3300	109	-.041	.080	.337	-.269	3300	213	-.200	.036	-.073	-.325	3300	311	-.431	.068	-.192	-.702
3300	110	-.198	.101	.553	-.146	3300	214	-.226	.038	-.103	-.353	3300	312	-.416	.059	-.239	-.610
3300	111	-.320	.127	.795	-.039	3300	215	-.128	.193	.626	-.951	3300	313	-.423	.060	-.246	-.609
3300	112	-.432	.141	.873	-.079	3300	216	-.086	.224	.531	-.866	3300	314	-.432	.060	-.225	-.646
3300	113	-.476	.148	.891	-.020	3300	217	-.070	.140	.368	-.745	3300	315	-.454	.061	-.259	-.713
3300	114	-.426	.151	.897	-.079	3300	218	-.061	.061	.259	-.234	3300	316	-.443	.062	-.273	-.654
3300	115	-.111	.057	.131	-.308	3300	219	-.034	.045	.156	-.183	3300	317	-.487	.069	-.280	-.742
3300	116	-.005	.069	.286	-.217	3300	220	-.163	.033	-.031	-.275	3300	318	-.380	.069	-.123	-.666
3300	117	-.174	.094	.529	-.137	3300	221	-.292	.039	-.150	-.428	3300	319	-.313	.060	-.011	-.627
3300	118	-.372	.122	.766	-.041	3300	222	-.076	.189	.650	-.822	3300	320	-.318	.063	-.079	-.698
3300	119	-.425	.142	.834	-.037	3300	223	-.083	.207	.522	-.701	3300	321	-.440	.060	-.162	-.653
3300	120	-.451	.145	.939	-.036	3300	224	-.099	.129	.409	-.636	3300	322	-.458	.053	-.315	-.631
3300	121	-.370	.149	.850	-.082	3300	225	-.042	.063	.284	-.411	3300	323	-.468	.057	-.390	-.713
3300	122	-.100	.057	.199	-.258	3300	226	-.004	.049	.210	-.246	3300	324	-.476	.058	-.310	-.767
3300	123	-.061	.072	.306	-.234	3300	227	-.128	.043	.043	-.278	3300	325	-.509	.060	-.346	-.774
3300	124	-.110	.089	.531	-.103	3300	228	-.213	.041	-.028	-.363	3300	326	-.503	.065	-.317	-.783
3300	125	-.271	.107	.690	-.001	3300	229	-.053	.191	.658	-.793	3300	327	-.408	.087	-.126	-.696
3300	126	-.362	.121	.840	-.067	3300	230	-.004	.188	.569	-.792	3300	328	-.313	.086	-.090	-.755
3300	127	-.351	.130	.865	-.011	3300	231	-.103	.096	.468	-.545	3300	329	-.349	.084	-.012	-.824
3300	128	-.325	.127	.783	-.083	3300	232	-.091	.060	.316	-.165	3300	330	-.454	.060	-.302	-.648
3300	129	-.140	.047	.096	-.294	3300	233	-.048	.055	.299	-.185	3300	331	-.505	.076	-.213	-.784
3300	130	-.060	.053	.244	-.201	3300	234	-.093	.054	.169	-.271	3300	332	-.528	.071	-.337	-.794
3300	131	-.008	.067	.330	-.164	3300	235	-.186	.053	.061	-.372	3300	333	-.561	.074	-.372	-.827
3300	132	-.166	.086	.502	-.037	3300	236	-.084	.095	.380	-.523	3300	334	-.548	.077	-.334	-.830
3300	133	-.204	.096	.644	-.042	3300	237	-.112	.094	.421	-.467	3300	335	-.541	.076	-.341	-.933
3300	134	-.228	.108	.684	-.153	3300	238	-.159	.099	.559	-.176	3300	336	-.554	.086	-.318	-.934
3300	135	-.167	.111	.623	-.191	3300	239	-.150	.079	.447	-.043	3300	337	-.482	.112	-.027	-.882
3300	136	-.197	.110	.655	-.217	3300	240	-.050	.058	.377	-.127	3300	338	-.328	.118	-.206	-.723
3300	137	-.144	.085	.522	-.144	3300	241	-.004	.055	.323	-.160	3300	339	-.342	.105	-.065	-.843
3300	138	-.093	.045	.194	-.224	3300	242	-.089	.055	.177	-.259	3300	340	-.527	.070	-.298	-.799
3300	139	-.074	.055	.272	-.215	3300	243	-.180	.109	.649	-.153	3300	341	-.576	.080	-.329	-.950
3300	140	-.081	.073	.470	-.083	3300	244	-.177	.074	.550	-.073	3300	342	-.548	.078	-.307	-.897
3300	141	-.246	.099	.607	-.012	3300	245	-.186	.076	.554	-.077	3300	343	-.551	.080	-.329	-.886
3300	142	-.274	.104	.665	-.062	3300	246	-.196	.092	.680	-.118	3300	344	-.597	.092	-.303	-1.086
3300	143	-.178	.093	.584	-.102	3300	247	-.019	.073	.232	-.316	3300	345	-.628	.097	-.288	-1.151
3300	144	-.189	.082	.533	-.049	3300	248	-.007	.055	.184	-.239	3300	346	-.582	.114	-.170	-1.054

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	347	-.395	.130	.152	-.812	330	435	-.340	.042	-.196	-.516	330	605	-.393	.078	-.158	-.768
330	348	-.324	.091	.092	-.762	330	436	-.388	.041	-.265	-.571	330	607	-.099	.103	-.576	-.337
330	349	-.364	.080	-.043	-.878	330	437	-.346	.039	-.216	-.519	330	608	-.267	.079	-.020	-.643
330	350	-.521	.081	-.317	-.850	330	438	-.342	.038	-.229	-.547	330	610	-.658	.134	-.239	-1.125
330	351	-.333	.075	-.059	-.857	330	439	-.327	.038	-.216	-.526	330	611	-.568	.101	-.292	-1.050
330	352	-.294	.068	.021	-.671	330	440	-.374	.038	-.245	-.542	330	612	-.449	.083	-.132	-.808
330	353	-.320	.065	-.102	-.652	330	441	-.346	.039	-.230	-.534	330	613	-.412	.073	-.132	-.719
330	354	-.336	.069	-.110	-.691	330	442	-.391	.083	-.157	-.878	330	614	-.385	.072	-.135	-.738
330	355	-.484	.086	-.220	-.895	330	443	-.380	.085	-.167	-.850	330	615	-.339	.059	-.083	-.607
330	356	-.484	.086	-.219	-.907	330	444	-.415	.060	-.236	-.676	330	616	-.321	.053	-.134	-.533
330	357	-.520	.086	-.263	-.948	330	445	-.361	.046	-.228	-.524	330	617	-.338	.050	-.158	-.554
330	358	-.524	.085	-.312	-.880	330	446	-.348	.047	-.211	-.540	330	618	-.091	.084	-.411	-.204
330	359	-.490	.082	-.230	-.882	330	447	-.351	.042	-.235	-.522	330	619	-.192	.109	-.510	-.503
330	360	-.425	.078	-.105	-.784	330	448	-.387	.046	-.265	-.571	330	620	-.472	.097	-.190	-.915
330	361	-.326	.073	.080	-.688	330	449	-.347	.044	-.230	-.524	330	621	-.385	.066	-.151	-.683
330	362	-.353	.059	.154	-.603	330	450	-.342	.045	-.222	-.535	330	622	-.106	.094	-.440	-.190
330	401	-.355	.115	-.063	-1.107	330	451	-.411	.141	-.136	-1.485	330	623	-.324	.090	-.038	-.723
330	402	-.334	.097	-.056	-1.458	330	452	-.447	.117	-.182	-1.563	330	624	-.677	.145	-.312	-1.334
330	403	-.324	.080	-.048	-.853	330	453	-.407	.102	-.156	-1.344	330	625	-.694	.160	-.308	-1.409
330	404	-.397	.080	-.048	-1.157	330	454	-.367	.069	-.159	-1.725	330	626	-.117	.091	-.505	-.128
330	405	-.357	.068	-.109	-.764	330	455	-.327	.048	-.189	-.514	330	627	-.235	.063	-.085	-.607
330	406	-.360	.069	-.124	-.876	330	456	-.350	.068	-.026	-.710	330	628	-.298	.051	-.137	-.531
330	407	-.381	.073	-.039	-.719	330	457	-.348	.077	-.018	-.865	330	701	-.744	.207	-.306	-1.789
330	408	-.465	.091	-.002	-.792	330	458	-.356	.063	-.201	-.906	330	702	-.548	.133	-.144	-1.699
330	409	-.410	.071	.050	-.707	330	459	-.339	.056	-.170	-.686	330	703	-.078	.080	-.375	-.276
330	410	-.350	.059	.171	-.610	330	460	-.397	.057	-.221	-.754	330	704	-.165	.132	-.642	-.313
330	411	-.354	.080	-.085	-.802	330	461	-.349	.053	-.203	-.648	330	705	-.556	.145	-.078	-1.145
330	412	-.395	.073	-.090	-.775	330	462	-.338	.050	-.152	-.551	330	706	-.490	.107	-.035	-.929
330	413	-.344	.053	-.171	-.603	330	463	-.326	.051	-.136	-.538	330	707	-.156	.075	-.544	-.077
330	414	-.337	.046	-.185	-.584	330	501	-.313	.052	-.146	-.579	330	708	-.181	.079	-.581	-.044
330	415	-.323	.045	-.179	-.530	330	502	-.352	.049	-.173	-.557	330	709	-.789	.130	-.289	-1.313
330	416	-.381	.042	-.238	-.569	330	503	-.346	.056	-.177	-.611	330	710	-.038	.053	-.355	-.161
330	417	-.357	.044	-.201	-.532	330	504	-.336	.065	-.175	-.612	330	711	-.011	.056	-.216	-.484
330	418	-.342	.042	-.152	-.524	330	505	-.321	.063	-.124	-.635	330	712	-.331	.126	-.140	-.812
330	419	-.328	.041	-.174	-.518	330	506	-.355	.056	-.163	-.566	330	713	-.406	.065	-.185	-.742
330	420	-.357	.043	-.206	-.581	330	507	-.366	.052	-.125	-.579	330	714	-.021	.131	-.406	-.492
330	421	-.324	.035	-.216	-.460	330	508	-.350	.079	-.047	-.792	330	715	-.107	.105	-.220	-.530
330	422	-.385	.074	-.152	-.800	330	509	-.362	.050	-.071	-.489	330	716	-.183	.120	-.267	-.629
330	423	-.360	.066	-.141	-.700	330	510	-.336	.048	-.168	-.513	340	101	-.048	.085	-.348	-.364
330	424	-.394	.048	-.236	-.702	330	511	-.313	.054	-.115	-.562	340	102	-.004	.093	-.434	-.346
330	425	-.336	.038	-.208	-.477	330	512	-.334	.064	-.114	-.590	340	103	-.003	.100	-.444	-.337
330	426	-.330	.038	-.218	-.471	330	513	-.308	.048	-.154	-.489	340	104	.090	.105	-.479	-.219
330	427	-.316	.038	-.204	-.455	330	514	-.345	.047	-.195	-.525	340	105	.136	.099	-.411	-.173
330	428	-.376	.038	-.270	-.515	330	515	-.312	.045	-.165	-.522	340	106	.249	.127	-.720	-.267
330	429	-.333	.037	-.233	-.470	330	516	-.331	.047	-.180	-.524	340	107	.207	.130	-.587	-.270
330	430	-.321	.039	-.206	-.500	330	517	-.322	.052	-.012	-.574	340	108	.044	.087	-.373	-.231
330	431	-.322	.038	-.213	-.497	330	601	-.554	.090	-.277	-.984	340	109	.125	.098	-.525	-.155
330	432	-.435	.079	-.167	-.739	330	602	-.565	.113	-.142	-1.340	340	110	.291	.121	-.711	-.069
330	433	-.385	.071	-.146	-.682	330	603	-.516	.089	-.213	-.958	340	111	.400	.146	-.903	-.066
330	434	-.370	.052	-.171	-.589	330	604	-.424	.073	-.161	-.842	340	112	.478	.155	1.007	-.006

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	113	.447	.146	.842	-.022	340	217	-.350	.251	.185	-1.235	340	315	-.501	.072	-.288	-.815
340	114	.304	.134	.694	-.101	340	218	-.105	.138	.219	-.859	340	316	-.484	.072	-.270	-.736
340	115	-.036	.073	.277	-.241	340	219	-.120	.061	.069	-.655	340	317	-.509	.077	-.322	-.815
340	116	.092	.087	.425	-.150	340	220	-.228	.042	-.069	-.416	340	318	-.411	.080	-.141	-.733
340	117	.249	.114	.677	-.047	340	221	-.350	.049	-.173	-.528	340	319	-.349	.072	-.102	-.636
340	118	.430	.138	.865	.053	340	222	-.363	.175	.139	-1.407	340	320	-.360	.074	-.107	-.719
340	119	.450	.154	.911	.038	340	223	-.384	.191	.246	-1.363	340	321	-.475	.067	-.101	-.694
340	120	.381	.144	.889	.013	340	224	-.168	.236	.236	-1.194	340	322	-.490	.061	-.313	-.683
340	121	.219	.135	.705	.199	340	225	-.069	.109	.236	-.770	340	323	-.494	.066	-.296	-.743
340	122	-.052	.068	.217	.272	340	226	-.062	.057	.163	-.414	340	324	-.504	.067	-.309	-.808
340	123	.004	.082	.323	-.248	340	227	-.177	.046	-.006	-.439	340	325	-.525	.068	-.331	-.851
340	124	.171	.097	.559	.123	340	228	-.250	.045	-.079	-.452	340	326	-.496	.072	-.251	-.728
340	125	.329	.119	.702	.041	340	229	-.313	.190	.352	-1.329	340	327	-.403	.087	-.027	-.738
340	126	.385	.130	.877	.089	340	230	-.272	.195	.313	-1.172	340	328	-.328	.082	-.061	-.667
340	127	.283	.134	.712	.095	340	231	-.077	.176	.310	-.784	340	329	-.360	.078	-.058	-.723
340	128	.190	.128	.645	.238	340	232	-.000	.086	.461	-.536	340	330	-.487	.059	-.293	-.745
340	129	.116	.062	.174	.285	340	233	-.017	.054	.253	-.334	340	331	-.491	.072	-.294	-.878
340	130	.029	.069	.289	.204	340	234	-.146	.053	.126	-.508	340	332	-.520	.069	-.334	-.776
340	131	.046	.085	.406	.170	340	235	-.233	.054	.057	-.550	340	333	-.542	.072	-.346	-.854
340	132	.201	.100	.691	.060	340	236	-.056	.157	.316	-1.180	340	334	-.527	.074	-.331	-.873
340	133	.230	.101	.600	.033	340	237	-.036	.165	.332	-1.239	340	335	-.527	.082	-.292	-.862
340	134	.194	.106	.624	.089	340	238	-.034	.106	.399	-.443	340	336	-.533	.096	-.176	-1.035
340	135	.083	.109	.553	.253	340	239	-.079	.070	.296	-.108	340	337	-.426	.117	-.119	-.854
340	136	.158	.143	.760	.358	340	240	-.004	.051	.198	-.166	340	338	-.311	.102	-.134	-.653
340	137	.128	.102	.591	.252	340	241	-.049	.049	.142	-.206	340	339	-.342	.100	-.150	-1.002
340	138	.053	.058	.203	.238	340	242	-.129	.051	.138	-.285	340	340	-.539	.082	-.314	-.837
340	139	.025	.068	.292	.212	340	243	-.091	.138	.718	-.475	340	341	-.584	.096	-.334	-1.023
340	140	.143	.087	.542	.055	340	244	.135	.084	.585	-.375	340	342	-.568	.092	-.321	-.992
340	141	.299	.112	.758	.018	340	245	.129	.083	.564	-.460	340	343	-.574	.085	-.327	-.900
340	142	.310	.111	.740	.044	340	246	.131	.086	.651	-.126	340	344	-.609	.098	-.309	-1.131
340	143	.199	.098	.572	.144	340	247	-.073	.073	.227	-.474	340	345	-.628	.102	-.351	-1.089
340	144	.194	.087	.508	.150	340	248	-.049	.065	.179	-.292	340	346	-.560	.110	-.113	-.967
340	145	.177	.093	.612	.078	340	249	-.017	.054	.223	-.182	340	347	-.355	.117	-.062	-.743
340	146	.211	.101	.696	.019	340	250	-.020	.072	.231	-.401	340	348	-.324	.088	-.093	-.652
340	201	.523	.125	.048	-1.636	340	251	-.068	.060	.240	-.226	340	349	-.364	.090	-.031	-.774
340	202	-.545	.131	.024	-1.209	340	252	-.042	.052	.246	-.102	340	350	-.544	.091	-.316	-1.067
340	203	-.306	.164	.099	-1.040	340	301	-.503	.094	-.236	-.982	340	351	-.282	.080	-.081	-.622
340	204	-.188	.072	.041	-.758	340	302	-.497	.085	-.191	-.840	340	352	-.262	.075	-.029	-.583
340	205	-.242	.053	.009	-.606	340	303	-.490	.087	-.218	-.930	340	353	-.302	.078	-.081	-.675
340	206	-.259	.049	-.060	-.524	340	304	-.318	.146	-.150	-.761	340	354	-.322	.092	-.037	-.773
340	207	-.309	.056	-.122	-.560	340	305	-.480	.076	-.227	-.791	340	355	-.507	.094	-.242	-1.009
340	208	-.469	.127	.063	-1.177	340	306	-.473	.075	-.221	-.778	340	356	-.513	.093	-.260	-1.049
340	209	-.540	.138	.127	-1.327	340	307	-.490	.126	-.149	-1.614	340	357	-.538	.094	-.290	-1.045
340	210	-.314	.229	.185	-1.099	340	308	-.400	.158	-.035	-1.856	340	358	-.512	.096	-.203	-1.075
340	211	-.104	.102	.132	-.769	340	309	-.369	.101	.022	-1.098	340	359	-.472	.087	-.181	-.835
340	212	-.184	.055	.016	-.714	340	310	-.363	.101	.039	-1.315	340	360	-.387	.080	-.141	-.751
340	213	-.287	.043	-.149	-.560	340	311	-.497	.074	-.282	-.772	340	361	-.314	.069	-.073	-.593
340	214	-.306	.052	-.133	-.590	340	312	-.489	.073	-.272	-.788	340	362	-.374	.080	-.156	-.755
340	215	-.412	.154	.340	-1.147	340	313	-.502	.073	-.285	-.844	340	401	-.400	.111	.007	-1.085
340	216	-.427	.152	.270	-1.184	340	314	-.490	.071	-.263	-.793	340	402	-.391	.106	.103	-1.100

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	403	-.387	.101	-.063	-.985	340	453	-.405	.134	-.063	-1.325	340	625	-.639	.164	-.234	-1.384
340	404	-.480	.100	-.167	-1.132	340	454	-.395	.112	-.144	-1.394	340	626	-.087	.099	.482	-.192
340	405	-.413	.075	-.175	-.841	340	455	-.353	.066	-.181	-.741	340	627	-.247	.060	.043	-.545
340	406	-.402	.073	-.172	-.727	340	456	-.351	.114	-.060	-.937	340	628	-.316	.073	-.119	-.754
340	407	-.421	.075	-.144	-.751	340	457	-.384	.131	-.021	-1.407	340	701	-.649	.132	-.269	-1.569
340	408	-.530	.090	-.071	-.866	340	458	-.373	.095	-.118	-1.138	340	702	-.607	.126	-.175	-1.534
340	409	-.455	.073	-.155	-.761	340	459	-.352	.078	-.178	-.919	340	703	-.021	.101	.328	-.469
340	410	-.377	.066	-.163	-.673	340	460	-.421	.079	-.234	-.888	340	704	-.006	.137	.554	-.568
340	411	-.392	.094	-.063	-.844	340	461	-.360	.068	-.183	-.741	340	705	-.635	.115	-.256	-1.206
340	412	-.443	.090	-.108	-.871	340	462	-.367	.062	-.196	-.680	340	706	-.573	.113	-.071	-1.175
340	413	-.394	.073	-.118	-.804	340	463	-.352	.062	-.176	-.661	340	707	-.076	.072	.366	-.267
340	414	-.395	.065	-.177	-.701	340	501	-.311	.069	-.107	-.630	340	708	-.104	.073	.380	-.268
340	415	-.361	.056	-.163	-.563	340	502	-.349	.069	-.100	-.661	340	709	-.692	.151	-.079	-1.214
340	416	-.428	.051	-.266	-.609	340	503	-.338	.080	-.031	-.924	340	710	-.008	.060	.246	-.210
340	417	-.395	.051	-.253	-.587	340	504	-.345	.077	-.109	-.763	340	711	-.051	.051	.150	-.374
340	418	-.367	.049	-.184	-.558	340	505	-.329	.083	-.066	-.725	340	712	-.435	.117	.120	-.932
340	419	-.364	.054	-.188	-.639	340	506	-.381	.076	-.144	-.690	340	713	-.438	.086	.115	-.843
340	420	-.399	.086	-.214	-.562	340	507	-.315	.093	-.007	-.782	340	714	-.315	.133	.295	-.838
340	421	-.350	.050	-.205	-.922	340	508	-.315	.093	-.007	-.782	340	715	-.315	.133	.295	-.838
340	422	-.425	.092	-.035	-.922	340	509	-.290	.073	-.054	-.569	340	716	-.336	.130	.281	-.887
340	423	-.399	.085	-.083	-.854	340	510	-.341	.068	-.107	-.571	350	101	-.028	.101	.394	-.394
340	424	-.444	.066	-.172	-.782	340	511	-.297	.079	-.001	-.763	350	102	-.078	.108	.500	-.361
340	425	-.378	.058	-.170	-.796	340	512	-.285	.091	-.123	-.670	350	103	-.052	.114	.564	-.388
340	426	-.356	.053	-.170	-.590	340	513	-.292	.071	-.046	-.576	350	104	-.119	.110	.492	-.375
340	427	-.339	.052	-.176	-.568	340	514	-.342	.066	-.059	-.673	350	105	-.138	.097	.434	-.186
340	428	-.410	.051	-.229	-.624	340	515	-.305	.060	-.036	-.555	350	106	-.176	.123	.632	-.258
340	429	-.357	.048	-.193	-.559	340	516	-.328	.067	-.118	-.642	350	107	-.085	.115	.508	-.341
340	430	-.335	.055	-.158	-.542	340	517	-.315	.076	-.046	-.710	350	108	-.139	.105	.526	-.261
340	431	-.337	.052	-.134	-.554	340	601	-.573	.098	-.297	-1.005	350	109	-.229	.114	.641	-.151
340	432	-.478	.105	-.130	-1.001	340	602	-.594	.128	-.263	-1.172	350	110	-.390	.131	.809	-.009
340	433	-.423	.099	-.086	-1.085	340	603	-.510	.091	-.234	-.973	350	111	-.460	.146	.922	-.016
340	434	-.403	.078	-.067	-.889	340	604	-.415	.085	-.098	-.934	350	112	-.489	.147	.961	-.028
340	435	-.369	.064	-.166	-.710	340	605	-.378	.086	-.137	-.809	350	113	-.341	.136	.764	-.133
340	436	-.423	.056	-.229	-.641	340	607	-.026	.099	-.396	-.284	350	114	-.156	.119	.558	-.308
340	437	-.373	.051	-.190	-.559	340	608	-.303	.085	-.034	-.717	350	115	-.027	.093	.391	-.241
340	438	-.370	.050	-.203	-.628	340	610	-.647	.135	-.263	-1.271	350	116	-.159	.107	.592	-.168
340	439	-.351	.049	-.185	-.605	340	611	-.566	.112	-.246	-1.061	350	117	-.317	.130	.810	-.086
340	440	-.401	.051	-.175	-.646	340	612	-.417	.089	-.151	-.907	350	118	-.462	.146	.924	-.039
340	441	-.373	.051	-.205	-.614	340	613	-.386	.080	-.144	-.724	350	119	-.434	.152	.946	-.054
340	442	-.408	.135	-.016	-1.240	340	614	-.366	.080	-.122	-.813	350	120	-.273	.130	.769	-.147
340	443	-.397	.134	-.024	-1.324	340	615	-.340	.071	-.128	-.651	350	121	-.066	.110	.482	-.366
340	444	-.443	.100	-.106	-1.061	340	616	-.329	.072	-.117	-.635	350	122	-.001	.087	.354	-.272
340	445	-.400	.092	-.210	-1.103	340	617	-.352	.074	-.061	-.675	350	123	-.058	.103	.482	-.234
340	446	-.390	.064	-.205	-.879	340	618	-.055	.089	-.462	-.323	350	124	-.236	.120	.660	-.130
340	447	-.364	.059	-.208	-.774	340	619	-.258	.093	-.235	-.763	350	125	-.353	.129	.930	-.034
340	448	-.433	.060	-.251	-.757	340	620	-.476	.098	-.219	-.987	350	126	-.367	.131	.881	-.060
340	449	-.384	.057	-.208	-.681	340	621	-.375	.086	-.100	-.930	350	127	-.168	.122	.648	-.189
340	450	-.370	.058	-.215	-.635	340	622	-.050	.115	-.509	-.442	350	128	-.024	.113	.482	-.375
340	451	-.392	.175	-.037	-1.961	340	623	-.356	.090	-.028	-.782	350	129	-.104	.077	.230	-.343
340	452	-.450	.158	-.076	-1.527	340	624	-.623	.151	-.190	-1.344	350	130	-.017	.080	.328	-.227

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) ARCO OFFICE BUILDING, ANCHORAGE

	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330						350	2335	-228	.066	.062	-.646	350	333	-.475	.091	-.212	-.986
331	.051	.090	.424	-.165		350	2336	-.239	.231	.276	-1.690	350	334	-.463	.091	-.188	-.923
332	.193	.096	.577	-.042		350	2337	-.236	.241	.319	-1.862	350	335	-.467	.100	-.190	-.941
333	.194	.101	.600	-.114		350	2338	-.109	.140	.282	-.844	350	336	-.472	.102	-.199	-.894
334	.109	.106	.644	-.234		350	2339	-.044	.083	.456	-.326	350	337	-.401	.100	.046	-.844
335	-.046	.117	.472	-.443		350	2340	-.034	.053	.234	-.218	350	338	-.337	.097	.156	-.731
336	-.066	.183	.657	-.856		350	241	-.070	.054	.178	-.296	350	339	-.353	.096	-.014	-.689
337	.138	.112	.678	-.280		350	242	-.128	.060	.261	-.390	350	340	-.475	.086	-.219	-.872
338	-.021	.073	.287	-.318		350	243	-.067	.222	.744	-.953	350	341	-.504	.097	-.224	-.882
339	.014	.083	.347	-.266		350	244	-.086	.087	.536	-.292	350	342	-.496	.095	-.241	-.920
340	.187	.101	.562	-.054		350	245	-.067	.086	.451	-.383	350	343	-.506	.102	-.225	-1.076
341	.308	.114	.782	.025		350	246	-.074	.082	.463	-.226	350	344	-.540	.111	-.239	-1.068
342	.297	.106	.775	.046		350	247	-.148	.083	.113	-.631	350	345	-.550	.114	-.202	-1.080
343	.163	.087	.602	-.042		350	248	-.092	.068	.125	-.431	350	346	-.508	.109	-.128	-1.120
344	.152	.080	.524	-.052		350	249	-.025	.050	.216	-.206	350	347	-.353	.100	.009	-.734
345	.108	.098	.674	-.160		350	250	-.122	.096	.236	-.718	350	348	-.312	.100	.051	-.768
346	.188	.118	.835	-.198		350	251	-.067	.057	.164	-.308	350	349	-.340	.110	.015	-.885
347	-.562	.100	.212	-1.146		350	252	-.001	.046	.207	-.142	350	350	-.473	.106	-.183	-.903
348	-.580	.107	.304	-1.179		350	301	-.444	.103	-.154	-.900	350	351	-.258	.085	.067	-.568
349	-.568	.143	-.079	-1.408		350	302	-.473	.101	-.168	-.865	350	352	-.238	.081	.004	-.661
350	-.394	.160	.106	-.978		350	303	-.451	.109	-.078	-1.036	350	353	-.269	.090	.043	-.830
351	-.340	.126	.069	-1.160		350	304	-.297	.143	-.252	-.795	350	354	-.274	.107	.041	-.781
352	-.311	.090	.054	-.761		350	305	-.431	.100	-.113	-.887	350	355	-.465	.113	-.154	-1.060
353	-.338	.085	.040	-.786		350	306	-.428	.102	-.111	-.938	350	356	-.475	.113	-.145	-1.063
354	-.550	.102	.181	-1.093		350	307	-.435	.121	-.066	-1.545	350	357	-.490	.113	-.188	-1.013
355	-.623	.107	.217	-1.181		350	308	-.399	.109	-.028	-1.130	350	358	-.453	.111	-.138	-.995
356	-.576	.152	.089	-1.300		350	309	-.401	.123	-.022	-1.181	350	359	-.422	.098	-.148	-.835
357	-.395	.178	.092	-1.043		350	310	-.403	.130	-.022	-1.213	350	360	-.314	.086	-.079	-.708
358	-.311	.149	.178	-.993		350	311	-.437	.091	-.153	-.792	350	361	-.263	.083	-.051	-.634
359	-.348	.084	.078	-.869		350	312	-.435	.096	-.152	-.768	350	362	-.315	.091	-.025	-.712
360	-.333	.082	.059	-.946		350	313	-.439	.095	-.137	-.805	350	401	-.420	.156	.021	-1.385
361	-.563	.135	.061	-1.216		350	314	-.431	.094	-.148	-.775	350	402	-.420	.156	.079	-1.329
362	-.576	.141	.165	-1.375		350	315	-.438	.091	-.180	-.797	350	403	-.443	.150	.111	-1.378
363	-.646	.209	.102	-1.739		350	316	-.453	.090	-.165	-.916	350	404	-.541	.129	-.105	-1.397
364	-.384	.224	.240	-1.157		350	317	-.456	.087	-.157	-.798	350	405	-.451	.090	-.107	-1.195
365	-.244	.151	.189	-.946		350	318	-.409	.080	-.151	-.780	350	406	-.437	.094	-.060	-1.294
366	-.266	.090	.014	-.882		350	319	-.372	.085	-.059	-.694	350	407	-.443	.081	-.172	-.800
367	-.364	.086	.102	-.948		350	320	-.390	.093	-.043	-.978	350	408	-.545	.095	-.199	-.933
368	-.584	.175	.161	-1.453		350	321	-.435	.086	-.210	-.878	350	409	-.472	.079	-.186	-.784
369	-.582	.182	.091	-1.607		350	322	-.444	.084	-.213	-.803	350	410	-.401	.077	-.157	-.715
370	-.519	.257	.182	-1.602		350	323	-.443	.083	-.209	-.727	350	411	-.408	.149	.094	-1.243
371	-.283	.222	.174	-1.258		350	324	-.451	.085	-.212	-.790	350	412	-.467	.136	.094	-1.260
372	-.132	.114	.223	-.763		350	325	-.458	.085	-.214	-.793	350	413	-.434	.121	.101	-.930
373	-.196	.085	.152	-.865		350	326	-.428	.077	-.143	-.790	350	414	-.441	.109	-.114	-1.047
374	-.248	.074	.024	-.818		350	327	-.365	.080	-.042	-.715	350	415	-.399	.084	-.094	-1.074
375	-.572	.225	.013	-1.698		350	328	-.334	.084	-.011	-.641	350	416	-.471	.073	-.233	-.818
376	-.539	.222	.069	-2.208		350	329	-.357	.090	-.003	-.774	350	417	-.430	.066	-.238	-.767
377	-.366	.275	.385	-.562		350	330	-.429	.086	-.176	-.721	350	418	-.395	.066	-.165	-.703
378	-.093	.146	.386	-.984		350	331	-.429	.088	-.163	-.986	350	419	-.388	.073	-.181	-.921
379	-.053	.078	.411	-.529		350	332	-.464	.088	-.199	-.911	350	420	-.417	.077	-.181	-.911
380	-.150	.066	.104	-.509		350											

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	421	-.369	.072	-.174	-.760	350	455	-.395	.112	-.155	-1.088	350	611	-.502	.120	-.159	-.989
350	422	-.416	.152	-.017	-1.313	350	456	-.315	.149	-.128	-1.250	350	612	-.381	.094	-.073	-.762
350	423	-.381	.129	-.065	-1.064	350	457	-.330	.157	-.148	-1.254	350	613	-.343	.091	-.032	-.722
350	424	-.460	.108	-.010	-.872	350	458	-.380	.161	-.149	-1.501	350	614	-.336	.097	-.068	-.725
350	425	-.421	.113	-.134	-1.079	350	459	-.418	.155	-.051	-1.671	350	615	-.309	.092	-.002	-.612
350	426	-.395	.079	-.143	-.967	350	460	-.505	.158	-.069	-1.456	350	616	-.292	.100	-.070	-.657
350	427	-.373	.074	-.128	-.866	350	461	-.406	.125	-.129	-1.427	350	617	-.292	.101	-.048	-.695
350	428	-.452	.069	-.248	-.795	350	462	-.403	.118	-.119	-1.007	350	618	-.014	.121	-.490	-.681
350	429	-.388	.064	-.186	-.695	350	463	-.392	.120	-.094	-1.594	350	619	-.249	.098	-.173	-1.048
350	430	-.346	.073	-.098	-.785	350	501	-.276	.091	-.036	-.569	350	620	-.428	.113	-.139	-.910
350	431	-.363	.072	-.143	-.803	350	502	-.309	.101	-.062	-.794	350	621	-.295	.104	-.021	-.799
350	432	-.478	.161	-.049	-1.525	350	503	-.330	.125	-.078	-1.028	350	622	-.002	.118	-.426	-.442
350	433	-.411	.139	-.152	-1.289	350	504	-.353	.118	-.050	-1.072	350	623	-.356	.104	-.036	-.930
350	434	-.419	.120	-.074	-1.011	350	505	-.289	.112	-.073	-.832	350	624	-.586	.149	-.195	-1.450
350	435	-.424	.123	-.046	-1.221	350	506	-.331	.098	-.016	-.748	350	625	-.555	.200	-.061	-1.578
350	436	-.475	.109	-.199	-1.382	350	507	-.274	.119	-.128	-.792	350	626	-.081	.107	-.726	-.227
350	437	-.416	.099	-.164	-1.390	350	508	-.246	.141	-.211	-1.117	350	627	-.240	.069	-.074	-.526
350	438	-.411	.084	-.199	-1.014	350	509	-.231	.099	-.214	-.655	350	628	-.351	.104	-.126	-.832
350	439	-.384	.081	-.167	-.916	350	510	-.270	.084	-.062	-.627	350	701	-.676	.112	-.329	-1.206
350	440	-.425	.081	-.122	-.879	350	511	-.222	.108	-.103	-.683	350	702	-.636	.127	-.280	-1.244
350	441	-.413	.093	-.211	-.958	350	512	-.196	.119	-.287	-.802	350	703	-.163	.138	-.192	-.882
350	442	-.392	.180	-.076	-1.762	350	513	-.227	.096	-.073	-.667	350	704	-.186	.166	-.392	-1.016
350	443	-.360	.167	-.140	-1.325	350	514	-.261	.086	-.074	-.671	350	705	-.668	.109	-.326	-1.284
350	444	-.461	.134	-.047	-1.397	350	515	-.237	.090	-.081	-.596	350	706	-.603	.130	-.208	-1.227
350	445	-.477	.161	-.029	-1.393	350	516	-.294	.094	-.036	-.785	350	707	-.014	.079	-.361	-.439
350	446	-.467	.155	-.199	-1.550	350	517	-.294	.110	-.022	-.908	350	708	-.056	.084	-.488	-.351
350	447	-.438	.127	-.187	-1.359	350	601	-.485	.107	-.209	-.925	350	709	-.622	.140	-.083	-1.220
350	448	-.498	.126	-.250	-1.193	350	602	-.505	.131	-.155	-1.057	350	710	-.013	.069	-.288	-.297
350	449	-.441	.120	-.204	-1.121	350	603	-.424	.105	-.140	-.823	350	711	-.080	.060	-.181	-.426
350	450	-.421	.111	-.154	-.993	350	604	-.354	.091	-.115	-.900	350	712	-.496	.127	-.009	-1.070
350	451	-.364	.187	-.072	-1.458	350	605	-.321	.088	-.088	-.680	350	713	-.385	.128	-.123	-.906
350	452	-.366	.174	-.049	-1.621	350	607	-.016	.090	-.401	-.320	350	714	-.298	.132	-.282	-.693
350	453	-.367	.171	-.088	-1.506	350	608	-.282	.094	-.031	-.703	350	715	-.389	.133	-.304	-.932
350	454	-.388	.144	-.020	-1.190	350	610	-.547	.147	-.155	-1.129	350	716	-.386	.149	-.297	-1.010

APPENDIX A -- PRESSURE DATA; CONFIGURATION B; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
62	144	-.241	.034	-.062	-.389	78	353	-.714	.336	.106	-2.836	94	452	-.102	.092	.457	-.236
62	348	-.380	.084	-.150	-.848	78	354	-.627	.261	.020	-1.999	94	701	-.383	.144	.249	-1.129
62	353	-.483	.204	-.074	-1.557	78	452	-.026	.085	.376	-.243	96	144	-.327	.098	-.070	-1.242
62	354	-.433	.182	-.098	-1.690	78	701	-.151	.154	.500	-.842	96	348	-.642	.242	.058	-1.957
62	452	-.019	.071	.337	-.236	80	144	-.265	.061	-.051	-.871	96	353	-.467	.350	.500	-2.203
62	701	-.156	.134	.486	-.537	80	348	-.606	.167	-.209	-1.606	96	354	-.400	.263	.340	-1.778
64	144	-.243	.037	-.117	-.416	80	353	-.712	.348	.198	-2.287	96	452	-.115	.092	.568	-.194
64	348	-.392	.089	-.162	-.850	80	354	-.624	.265	.195	-1.880	96	701	-.396	.139	.172	-1.038
64	353	-.509	.219	-.065	-1.662	80	452	-.040	.081	.382	-.297	98	144	-.350	.118	.120	-1.256
64	354	-.461	.200	-.025	-2.119	80	701	-.191	.145	.378	-.772	98	348	-.616	.240	.109	-1.680
64	452	-.016	.074	.329	-.238	82	144	-.274	.073	-.006	-.943	98	353	-.400	.346	.378	-2.733
64	701	-.131	.142	.510	-.552	82	348	-.656	.193	-.228	-1.770	98	354	-.352	.263	.403	-1.842
66	144	-.249	.038	-.055	-.421	82	353	-.718	.366	.268	-2.551	98	452	-.127	.095	.525	-.147
66	348	-.401	.093	-.138	-.795	82	354	-.629	.277	.153	-1.928	98	701	-.406	.144	.237	-1.030
66	353	-.534	.228	-.032	-1.915	82	452	-.041	.085	.509	-.224	100	144	-.345	.131	.008	-1.883
66	354	-.474	.197	-.072	-1.553	82	701	-.244	.139	.361	-.728	100	348	-.531	.250	.159	-2.006
66	452	-.007	.073	.303	-.260	84	144	-.285	.087	-.053	-1.504	100	353	-.329	.316	.325	-2.677
66	701	-.093	.146	.560	-.536	84	348	-.688	.193	-.220	-1.628	100	354	-.292	.246	.307	-1.511
68	144	-.254	.038	-.051	-.405	84	353	-.743	.396	.212	-3.197	100	452	-.143	.096	.582	-.144
68	348	-.420	.096	-.180	-.880	84	354	-.644	.294	.055	-2.243	100	701	-.419	.135	.012	-1.332
68	353	-.562	.247	-.175	-2.175	84	452	-.045	.087	.630	-.211	102	144	-.361	.125	.012	-1.558
68	354	-.500	.209	-.206	-1.923	84	701	-.275	.144	.304	-1.025	102	348	-.514	.240	.251	-1.717
68	452	-.007	.075	.287	-.279	86	144	-.293	.094	.043	-1.164	102	353	-.312	.301	.366	-1.858
68	701	-.082	.155	.489	-.553	86	348	-.737	.213	-.187	-1.979	102	354	-.276	.235	.323	-1.867
70	144	-.255	.043	-.091	-.462	86	353	-.700	.389	.223	-2.825	102	452	-.147	.096	.557	-.215
70	348	-.440	.106	-.148	-.859	86	354	-.608	.292	.122	-2.404	102	701	-.396	.126	.068	-1.120
70	353	-.588	.263	-.173	-2.173	86	452	-.058	.088	.423	-.302	104	144	-.375	.134	.048	-1.575
70	354	-.525	.220	-.177	-1.807	86	701	-.317	.150	.252	-1.042	104	348	-.446	.230	.233	-1.475
70	452	-.010	.081	.323	-.266	88	144	-.297	.092	.019	-.930	104	353	-.282	.298	.367	-2.530
70	701	-.064	.157	.715	-.587	88	348	-.729	.235	-.109	-2.138	104	354	-.241	.233	.360	-1.781
72	144	-.256	.042	-.078	-.468	88	353	-.622	.375	.271	-2.379	104	452	-.166	.099	.581	-.121
72	348	-.448	.118	-.147	-1.004	88	354	-.542	.279	.131	-1.803	104	701	-.385	.125	.194	-1.091
72	353	-.603	.270	-.141	-2.045	88	452	-.077	.088	.497	-.196	106	144	-.377	.128	.072	-1.467
72	354	-.535	.235	-.181	-1.652	88	701	-.361	.158	.346	-1.054	106	348	-.354	.214	.295	-1.275
72	452	-.014	.077	.293	-.253	90	144	-.310	.098	.029	-1.174	106	353	-.188	.248	.416	-1.485
72	701	-.063	.156	.468	-.661	90	348	-.740	.230	-.193	-1.835	106	354	-.156	.199	.405	-1.187
74	144	-.263	.046	-.119	-.481	90	353	-.629	.385	.210	-2.755	106	452	-.165	.095	.581	-.178
74	348	-.480	.126	-.073	-1.079	90	354	-.542	.289	.189	-1.947	106	701	-.381	.111	.053	-.905
74	353	-.645	.296	-.358	-2.252	90	452	-.085	.089	.390	-.219	108	144	-.386	.126	.118	-1.391
74	354	-.571	.239	-.291	-1.778	90	701	-.372	.151	.318	-1.058	108	348	-.319	.216	.325	-1.332
74	452	-.009	.081	.325	-.267	92	144	-.312	.099	.033	-1.229	108	353	-.154	.250	.489	-1.741
74	701	-.081	.156	.616	-.558	92	348	-.683	.230	-.056	-1.688	108	354	-.128	.201	.426	-1.521
76	144	-.263	.050	-.067	-.585	92	353	-.555	.363	.269	-2.475	108	452	-.184	.092	.598	-.079
76	348	-.521	.147	-.192	-1.503	92	354	-.483	.280	.219	-2.413	108	701	-.367	.102	.022	-.907
76	353	-.666	.321	-.271	-2.686	92	452	-.095	.093	.513	-.243	162	144	-.299	.093	.053	-.858
76	354	-.591	.256	-.168	-2.185	92	701	-.398	.152	.188	-1.125	162	348	-.189	.114	.588	-.134
76	452	-.015	.081	.366	-.325	94	144	-.342	.118	.026	-1.865	162	353	-.026	.121	.556	-.314
76	701	-.110	.150	.507	-.597	94	348	-.711	.242	-.056	-2.117	162	354	-.047	.130	.455	-.451
78	144	-.260	.058	-.032	-.623	94	353	-.519	.377	.431	-3.193	162	452	-.469	.248	.150	-1.738
78	348	-.562	.152	-.195	-1.332	94	354	-.447	.281	.239	-2.166	162	701	-.290	.098	.051	-.907

APPENDIX A -- PRESSURE DATA: CONFIGURATION B; ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
164	144	-.294	.082	.026	-.637	252	353	-.337	.041	-.166	-.514	268	452	-.295	.068	-.130	-.775
164	348	-.178	.118	.670	-.185	252	354	-.292	.038	-.161	-.461	268	701	-.550	.106	-.247	-1.215
164	353	-.003	.121	.552	-.388	252	452	-.309	.044	-.175	-.502	270	144	-.772	.384	-.051	-2.398
164	354	-.080	.123	.457	-.536	252	701	-.492	.109	-.213	-1.304	270	348	-.245	.074	-.069	-.603
164	452	-.528	.252	-.004	-1.736	254	144	-.630	.232	-.117	-2.318	270	353	-.282	.052	-.118	-.486
164	701	-.305	.099	.072	-1.122	254	348	-.213	.052	-.005	-.468	270	354	-.280	.055	-.063	-.481
166	144	-.288	.088	.062	-.663	254	353	-.327	.043	-.182	-.518	270	452	-.289	.067	-.117	-.635
166	348	-.161	.116	.599	-.224	254	354	-.280	.041	-.164	-.448	270	701	-.549	.104	-.248	-1.329
166	353	-.029	.118	.425	-.417	254	452	-.300	.043	-.187	-.518	272	144	-.682	.354	-.023	-2.441
166	354	-.115	.129	.431	-.565	254	701	-.492	.103	-.151	-1.721	272	348	-.256	.075	-.103	-.588
166	452	-.596	.251	.008	-1.990	256	144	-.674	.254	-.137	-2.333	272	353	-.291	.055	-.111	-.508
166	701	-.323	.102	.118	-.942	256	348	-.209	.053	-.125	-.462	272	354	-.286	.056	-.108	-.503
168	144	-.271	.082	.073	-.571	256	353	-.325	.042	-.173	-.516	272	452	-.310	.076	-.079	-.740
168	348	-.128	.108	.592	-.214	256	354	-.275	.039	-.153	-.440	272	701	-.589	.113	-.274	-1.117
168	353	-.054	.112	.456	-.487	256	452	-.299	.047	-.181	-.583	274	144	-.666	.363	-.015	-2.310
168	354	-.141	.119	.361	-.709	256	701	-.501	.108	-.198	-1.389	274	348	-.263	.079	-.064	-.575
168	452	-.653	.272	.040	-2.186	258	144	-.749	.296	-.077	-2.628	274	353	-.292	.059	-.068	-.627
168	701	-.337	.117	.069	-.948	258	348	-.207	.055	-.043	-.442	274	354	-.286	.062	-.019	-.603
170	144	-.284	.082	.071	-.594	258	353	-.324	.045	-.158	-.543	274	452	-.329	.084	-.101	-.716
170	348	-.120	.106	.600	-.203	258	354	-.272	.043	-.137	-.479	274	701	-.587	.105	-.285	-1.083
170	353	-.071	.122	.433	-.417	258	452	-.292	.043	-.178	-.467	276	144	-.584	.319	-.015	-2.604
170	354	-.172	.131	.336	-.654	258	701	-.492	.105	-.226	-1.197	276	348	-.281	.082	-.018	-.570
170	452	-.696	.270	.006	-1.959	260	144	-.776	.302	-.096	-2.147	276	353	-.306	.064	-.079	-.557
170	701	-.356	.123	.147	-.921	260	348	-.195	.055	-.167	-.479	276	354	-.298	.066	-.043	-.546
172	144	-.293	.087	.043	-.650	260	353	-.311	.042	-.167	-.496	276	452	-.330	.087	-.086	-.880
172	348	-.108	.109	.571	-.256	260	354	-.257	.040	-.097	-.422	276	701	-.596	.108	-.263	-.983
172	353	-.089	.117	.487	-.482	260	452	-.279	.047	-.110	-.542	278	144	-.611	.344	-.006	-2.469
172	354	-.190	.126	.402	-.639	260	701	-.481	.107	-.192	-1.210	278	348	-.306	.086	-.044	-.631
172	452	-.738	.272	-.042	-2.624	262	144	-.791	.331	-.128	-2.589	278	353	-.330	.074	-.064	-.694
172	701	-.362	.131	.115	-1.022	262	348	-.196	.055	-.012	-.439	278	354	-.319	.072	-.097	-.680
174	144	-.309	.089	.645	-.611	262	353	-.312	.045	-.137	-.482	278	452	-.322	.078	-.094	-.786
174	348	-.085	.106	.495	-.267	262	354	-.256	.043	-.109	-.454	278	701	-.618	.115	-.285	-1.206
174	353	-.117	.108	.351	-.419	262	452	-.287	.051	-.168	-.539	280	144	-.508	.292	-.095	-2.196
174	354	-.216	.117	.227	-.618	262	701	-.492	.097	-.172	-1.033	280	348	-.322	.082	-.020	-.679
174	452	-.738	.262	-.056	-2.200	264	144	-.862	.358	-.054	-2.636	280	353	-.340	.071	-.060	-.603
174	701	-.370	.146	.144	-1.084	264	348	-.201	.064	-.062	-.599	280	354	-.324	.070	-.097	-.628
176	144	-.316	.091	.031	-.661	264	353	-.321	.048	-.164	-.522	280	452	-.344	.074	-.100	-.815
176	348	-.076	.104	.517	-.254	264	354	-.265	.047	-.130	-.468	280	701	-.642	.114	-.304	-1.202
176	353	-.122	.111	.358	-.542	264	452	-.287	.051	-.162	-.627	282	144	-.448	.273	-.128	-2.255
176	354	-.222	.119	.222	-.788	264	701	-.497	.105	-.171	-1.159	282	348	-.336	.084	-.064	-.712
176	452	-.735	.260	-.149	-2.381	266	144	-.811	.391	-.024	-2.601	282	353	-.350	.078	-.060	-.675
176	701	-.362	.156	.309	-.1054	266	348	-.688	.447	-.023	-2.364	282	354	-.329	.076	-.048	-.664
178	144	-.323	.095	-.054	-.886	266	353	-.670	.423	-.035	-2.290	282	452	-.353	.083	-.006	-.737
178	348	-.072	.102	.632	-.278	266	354	-.700	.439	-.036	-2.398	282	701	-.660	.118	-.270	-1.405
178	353	-.121	.110	.347	-.513	266	452	-.288	.055	-.146	-.542	284	144	-.438	.277	-.128	-1.953
178	354	-.220	.121	.236	-.687	266	701	-.544	.106	-.223	-1.101	284	348	-.366	.085	-.011	-.729
178	452	-.737	.263	-.153	-2.392	268	144	-.843	.389	-.118	-2.620	284	353	-.381	.080	-.058	-.654
178	701	-.372	.162	.169	-1.243	268	348	-.240	.069	-.042	-.671	284	354	-.358	.077	-.070	-.693
252	144	-.595	.199	-.080	-1.953	268	353	-.258	.050	-.106	-.467	284	452	-.349	.081	-.027	-.655
252	348	-.222	.051	.073	-.478	268	354	-.273	.053	-.094	-.505	284	701	-.675	.126	-.275	-1.240

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: ARCO OFFICE BUILDING, ANCHORAGE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
302	144	-.041	.117	-.289	-.830	308	144	-.029	.090	-.297	-.637	314	144	-.096	.076	-.431	-.266
302	348	-.415	.056	-.235	-.715	308	348	-.409	.061	-.110	-.729	314	348	-.377	.077	-.038	-.667
302	353	-.353	.061	-.210	-.691	308	353	-.407	.068	-.216	-.736	314	353	-.386	.063	-.204	-.679
302	354	-.397	.063	-.229	-.756	308	354	-.410	.071	-.238	-.793	314	354	-.387	.063	-.222	-.728
302	452	-.401	.070	-.242	-.849	308	452	-.429	.076	-.248	-.825	314	452	-.404	.064	-.273	-.890
302	701	-.930	.193	-.420	-1.769	308	701	-1.132	.236	-.402	-2.192	314	701	-1.328	.263	-.466	-2.329
304	144	-.013	.103	-.307	-.962	310	144	-.058	.082	-.314	-.414	316	144	-.115	.082	-.352	-.381
304	348	-.412	.055	-.221	-.778	310	348	-.374	.073	-.101	-.677	316	348	-.369	.078	-.043	-.750
304	353	-.397	.062	-.215	-.672	310	353	-.374	.060	-.189	-.681	316	353	-.382	.059	-.180	-.605
304	354	-.399	.063	-.240	-.701	310	354	-.377	.060	-.207	-.729	316	354	-.381	.059	-.207	-.751
304	452	-.412	.072	-.138	-.992	310	452	-.402	.073	-.214	-.925	316	452	-.398	.062	-.254	-.957
304	701	-.988	.203	-.383	-1.934	310	701	-1.236	.258	-.440	-2.301	316	701	-1.298	.268	-.416	-2.150
306	144	-.029	.090	-.327	-.545	312	144	-.075	.075	-.299	-.308	318	144	-.136	.075	-.529	-.219
306	348	-.415	.061	-.172	-.729	312	348	-.375	.072	-.050	-.659	318	348	-.363	.087	-.026	-.731
306	353	-.408	.065	-.203	-.761	312	353	-.378	.062	-.182	-.727	318	353	-.384	.062	-.154	-.877
306	354	-.411	.068	-.215	-.813	312	354	-.379	.061	-.207	-.747	318	354	-.383	.061	-.146	-.843
306	452	-.432	.082	-.266	-.803	312	452	-.397	.063	-.250	-.734	318	452	-.402	.066	-.209	-.782
306	701	-1.081	.231	-.371	-1.987	312	701	-1.291	.246	-.351	-2.132	318	701	-1.287	.272	-.374	-2.145