WIND-TUNNEL STUDY OF HOUSTON CENTER PLACE, PHASE 4

by

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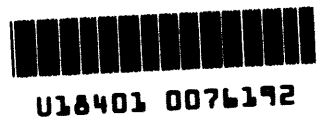

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LIST OF SYMBOLS

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

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

1. INTRODUCTION

1.1 General

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

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

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

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

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7-10^8 for the full-scale and 10^5-10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

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

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

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

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

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

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

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

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

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

2.2 Model

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

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

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

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

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

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

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

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

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

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

3.2 Pressures

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

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

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

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

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

3.3 Velocity

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

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

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

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

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

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

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

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

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

4. RESULTS

4.1 Flow Visualization

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

4.2 Velocity

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

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

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

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

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

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

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

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

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

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

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

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

4.3 Pressures

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.4 Forces and Moments

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

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

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

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

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

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

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

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed that the largest pressures should be found near corners of the tower. Vortex flow patterns which can generate very large negative (outward acting) pressures were not obviously evident. Classical separated flows were observed at corners, for example, as shown in Figure 5 where the separated flow causing the largest pressures on the building is shown. Two factors contribute to the high pressures measured at the locations marked X in Figure 5: 1) high velocity wind brought down from higher elevations by the Three Houston Center Building impinge on the northeast corner of the Houston Center Place, Phase 4 Building and then separate from the northeast corner, and 2) the presence of the building to the south causes the separated flow to curve rapidly around the back of the building along Lamar.

Flow in pedestrian areas about the base of the building appeared to be moderate. Wind velocities through the passage on Caroline Street appeared to be moderate to low but not stagnant for all wind directions.

5.2 Pedestrian Winds

Figure 4 shows the 23 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 Houston Center Place, Phase 4 Building. Table 2 and Figure 8 show that the largest values of mean velocity were measured at locations 2 and 17 and reference location 1 with values of 48 to 55 percent of the mean velocity, U_∞, at the boundary-layer height. In an open-country environment, a value of about 40 to 45 percent might be expected.

The largest values of fluctuating velocity, U_{rms}, were measured at locations 16, 19 and 23 with values of 18 to 19 percent of U_{∞}. These values compare to a largest value of 16 percent at reference location 1 and 10 to 12 percent which might be expected 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 measured at locations 2, 16, and 23 and reference location 1 with values of 90 to 98 percent of U_{∞}. For comparison, a value of 80 to 85 percent might be expected in an open-country environment.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest locations should be 1 and 2 which are both intermediate between the walking comfort and unacceptable level for mean winds. The windy area about location 2 should be confined to the region underneath the overhead walkway. All other locations should be acceptable for short-exposure activities with the exception of location 17 which will be comfortable for walking but uncomfortable for short-exposure activities 20 to 30 percent of the time. Locations 20 and 21 indicate no pedestrian wind problems in the underpass, but sufficient wind to keep pollution at a modest level for a large percentage of time.

The results of the pedestrian wind analysis showed the environment about the Houston Center Place, Phase 4 Building to be generally acceptable with fewer windy areas than are usually found near a downtown building. Location 2 underneath a pedestrian walkway should be the windiest location about the building but is of limited area.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data

identified as Configuration A in Table 6 and Appendix A represent data obtained at all tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressure coefficients measured on the building were -3.65 and -3.45 obtained at taps 525 and 524 on and adjacent to the northeast diagonal corner on the tower for a wind direction of 40 degrees. The flow pattern associated with these coefficients is shown in Figure 5. These largest pressure coefficients represent, using the 100-year recurrence wind reference pressure of Table 5, peak cladding pressures of -153 and -145 psf. The 2-degree incremental resolution data showed peak pressures of -135 and -128 psf. The natural statistical variation from one measurement to the next can cause these variations. Use of an average of these two peak pressures at these two tap locations would be a reasonable procedure. Pressures on this diagonal corner of the building will probably decrease in the future as the blocks to the northeast are developed. Figure 10 shows that most areas of the building had peak pressures in the 40 to 60 psf range.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for the largest loads in the X and Y direction. For the case of the maximum Y load, the X load remained larger than the Y load.

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

FIGURES

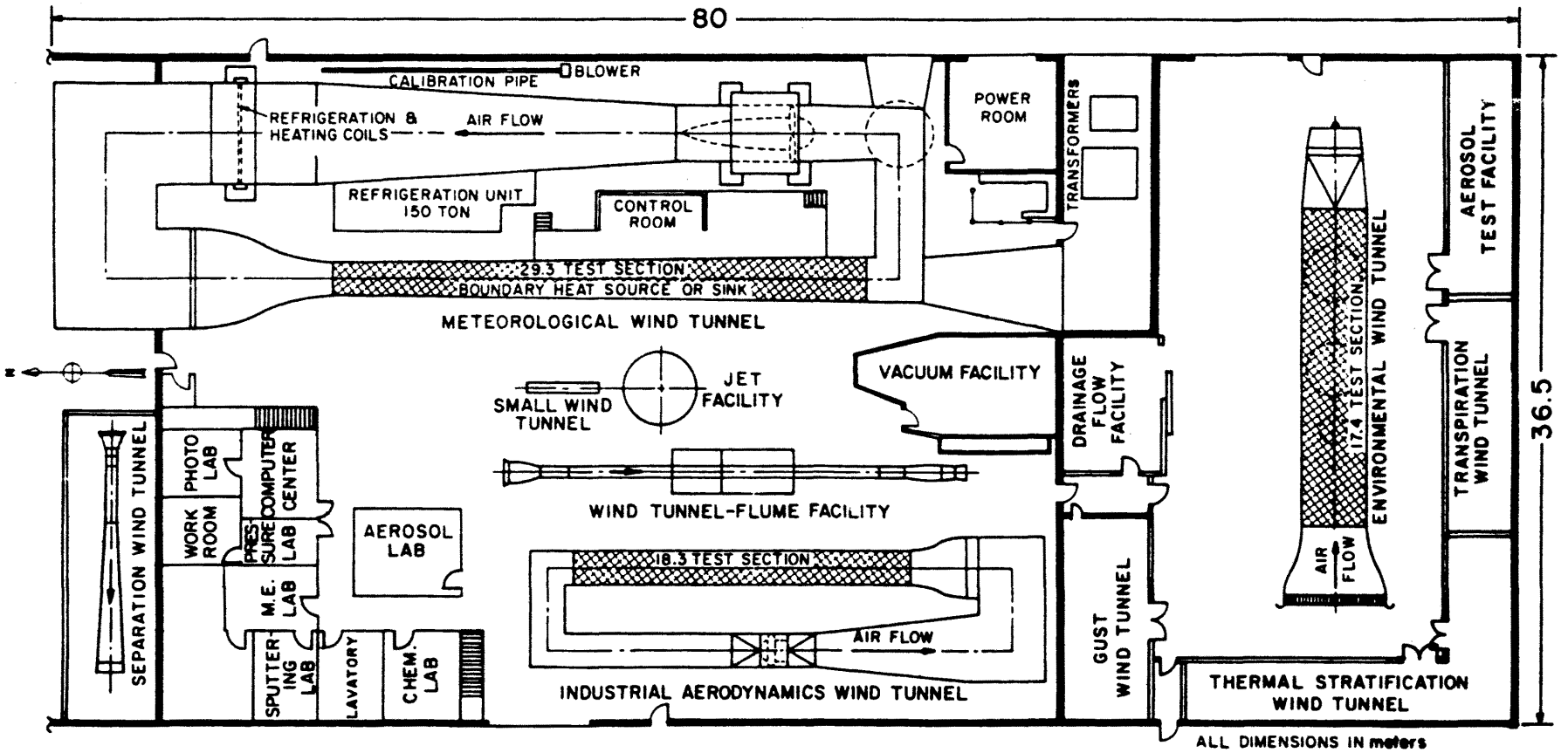
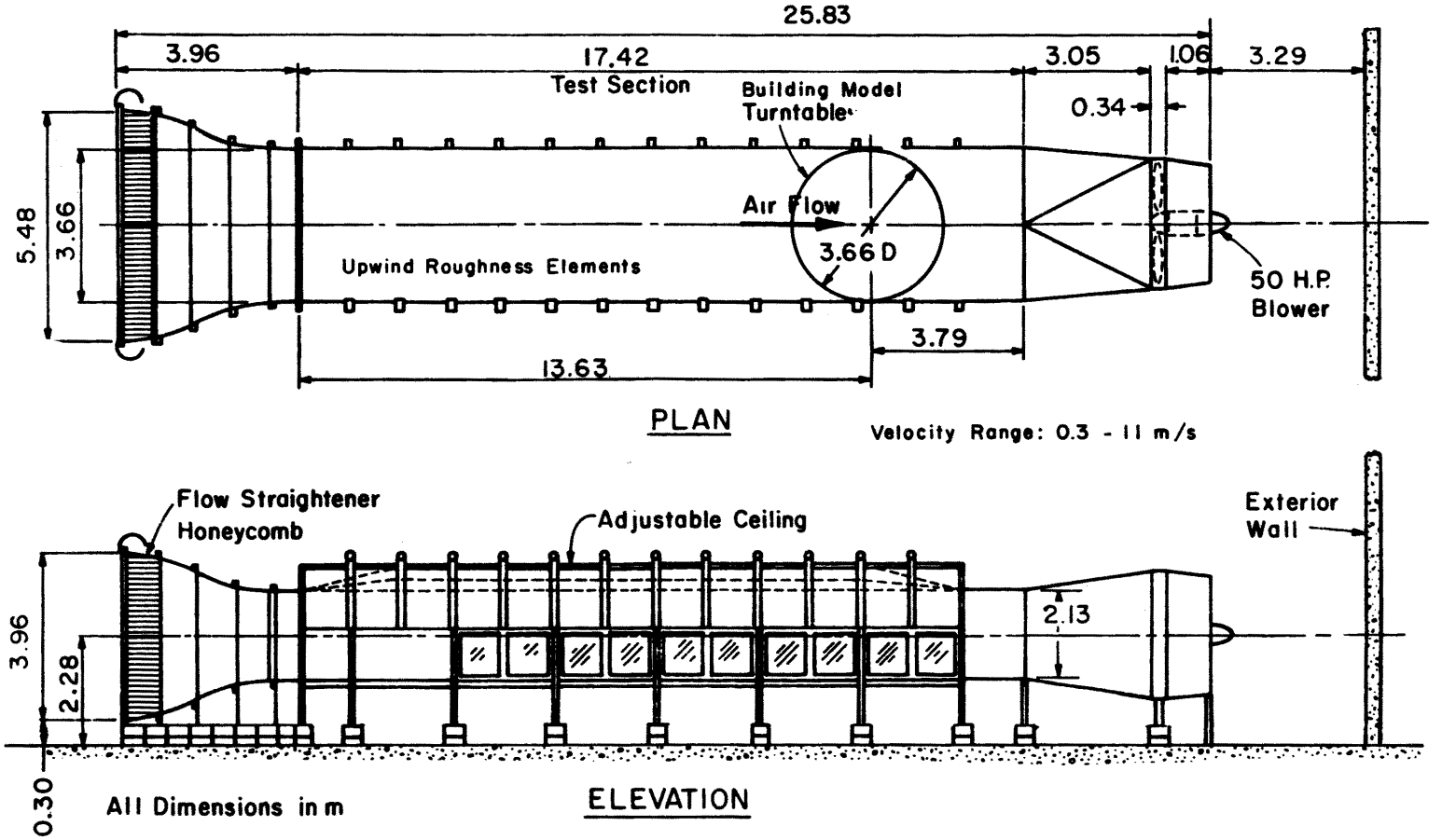


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



ENVIRONMENTAL WIND TUNNEL

Figure 2 - Wind–Tunnel Configuration

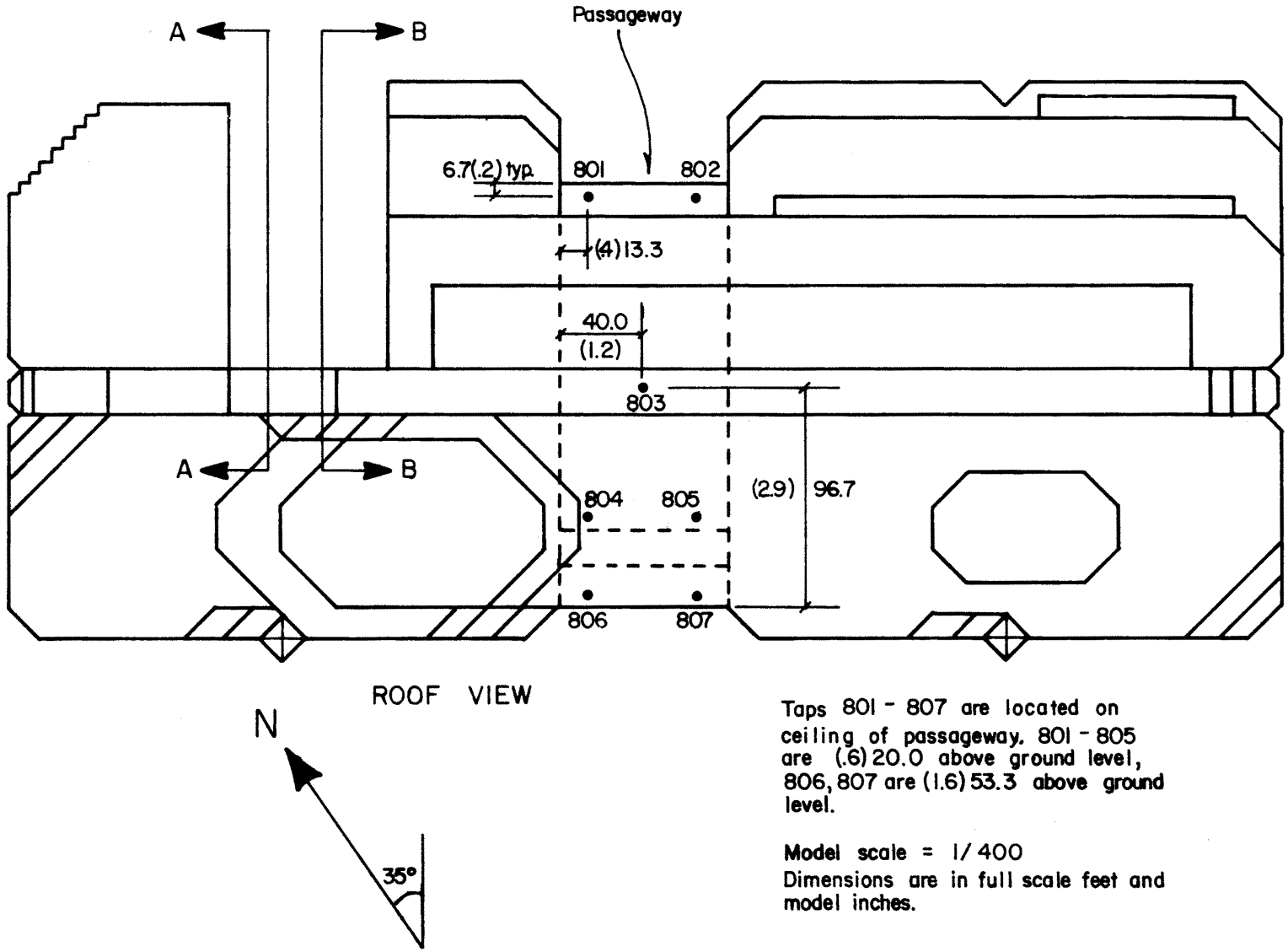
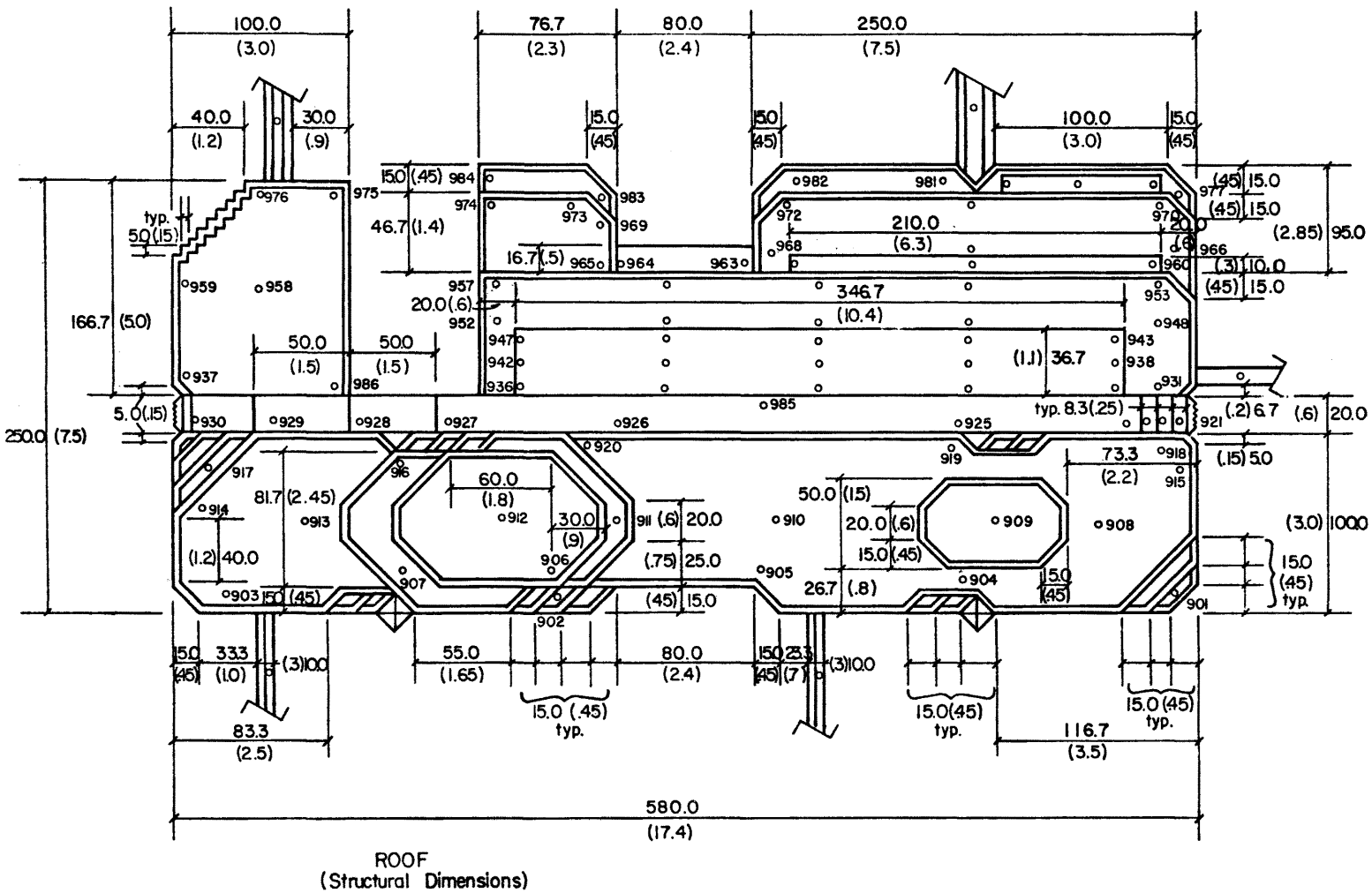
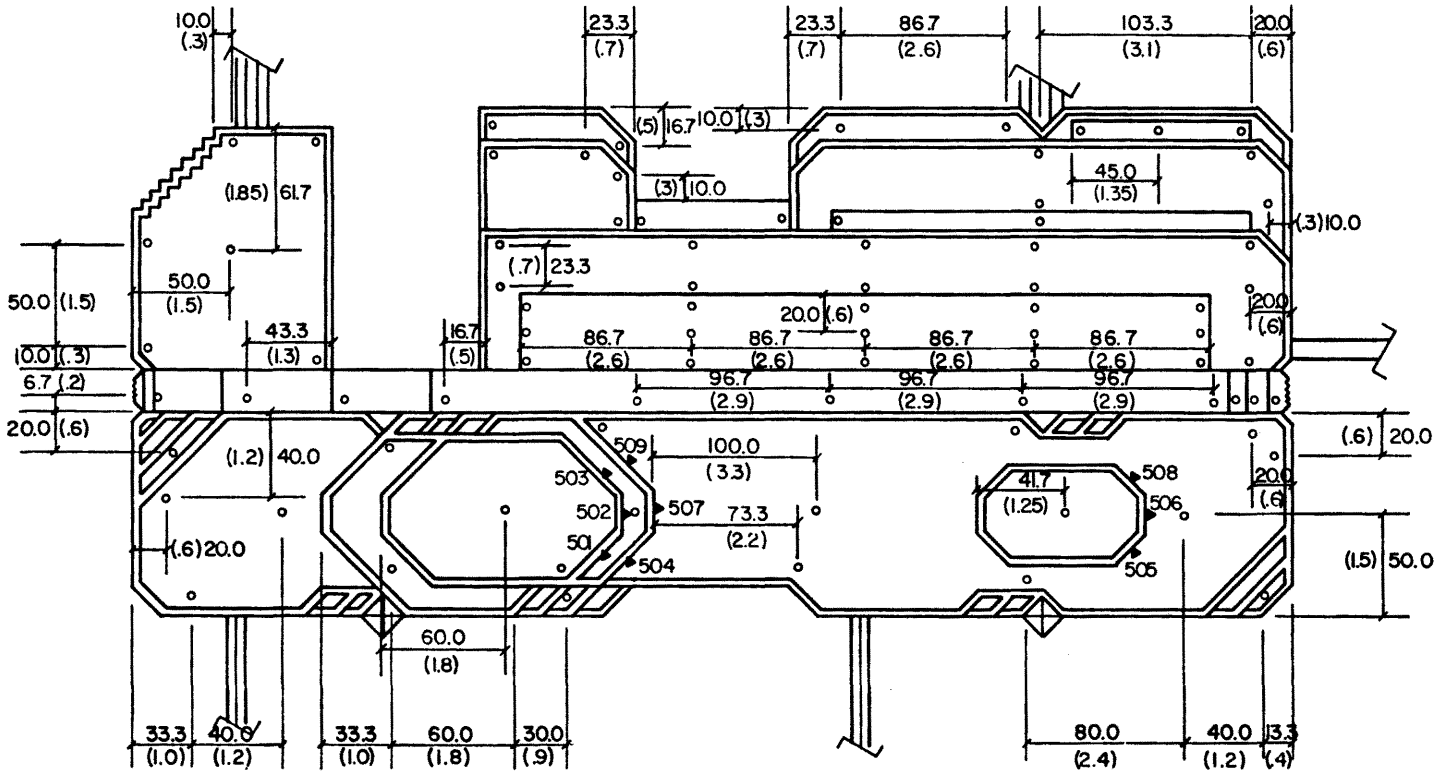


Figure 3a. Pressure Tap Locations



ROOF
(Structural Dimensions)

Figure 3b. Pressure Tap Locations

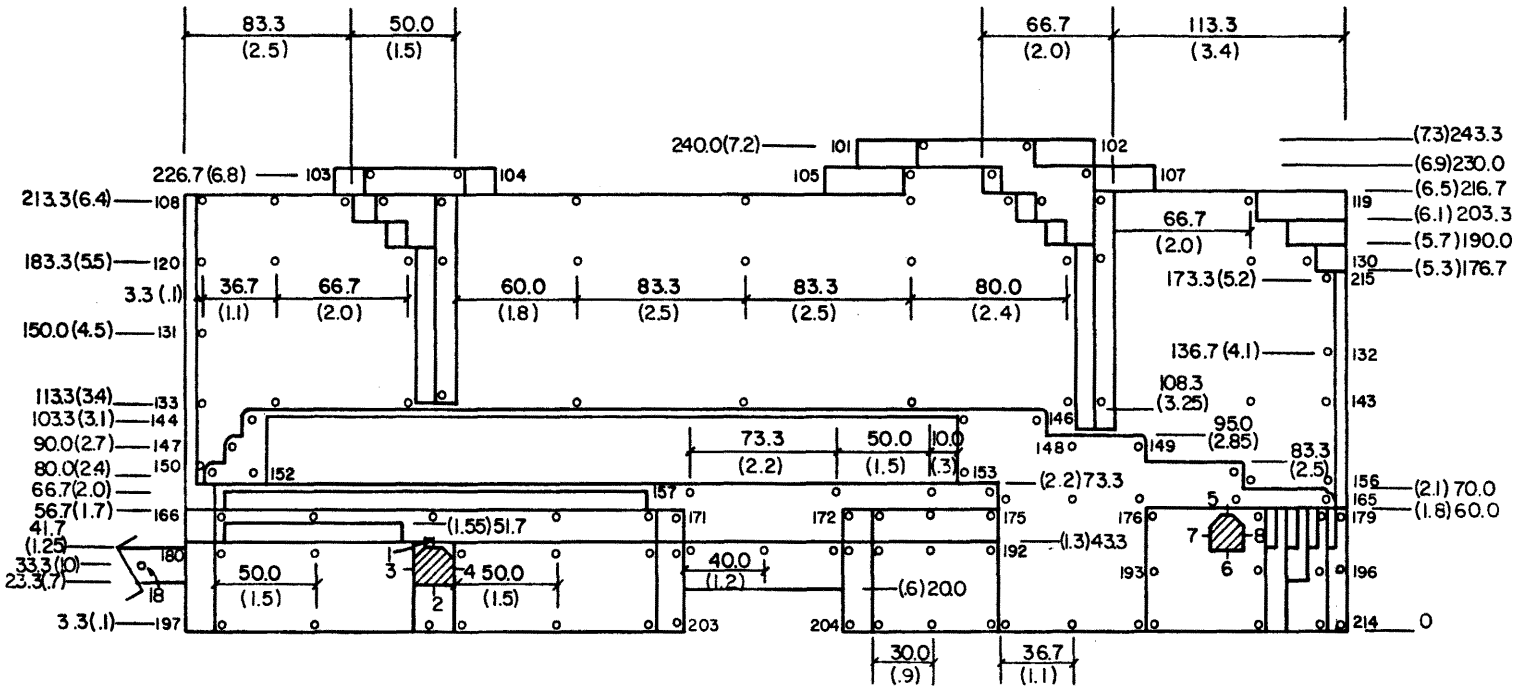


ROOF
(Tap Dimensions)

Taps located (2)6.7 from nearest edge unless otherwise noted.

▶ - represents taps 501 - 509, also shown on east elevation.

Figure 3c. Pressure Tap Locations

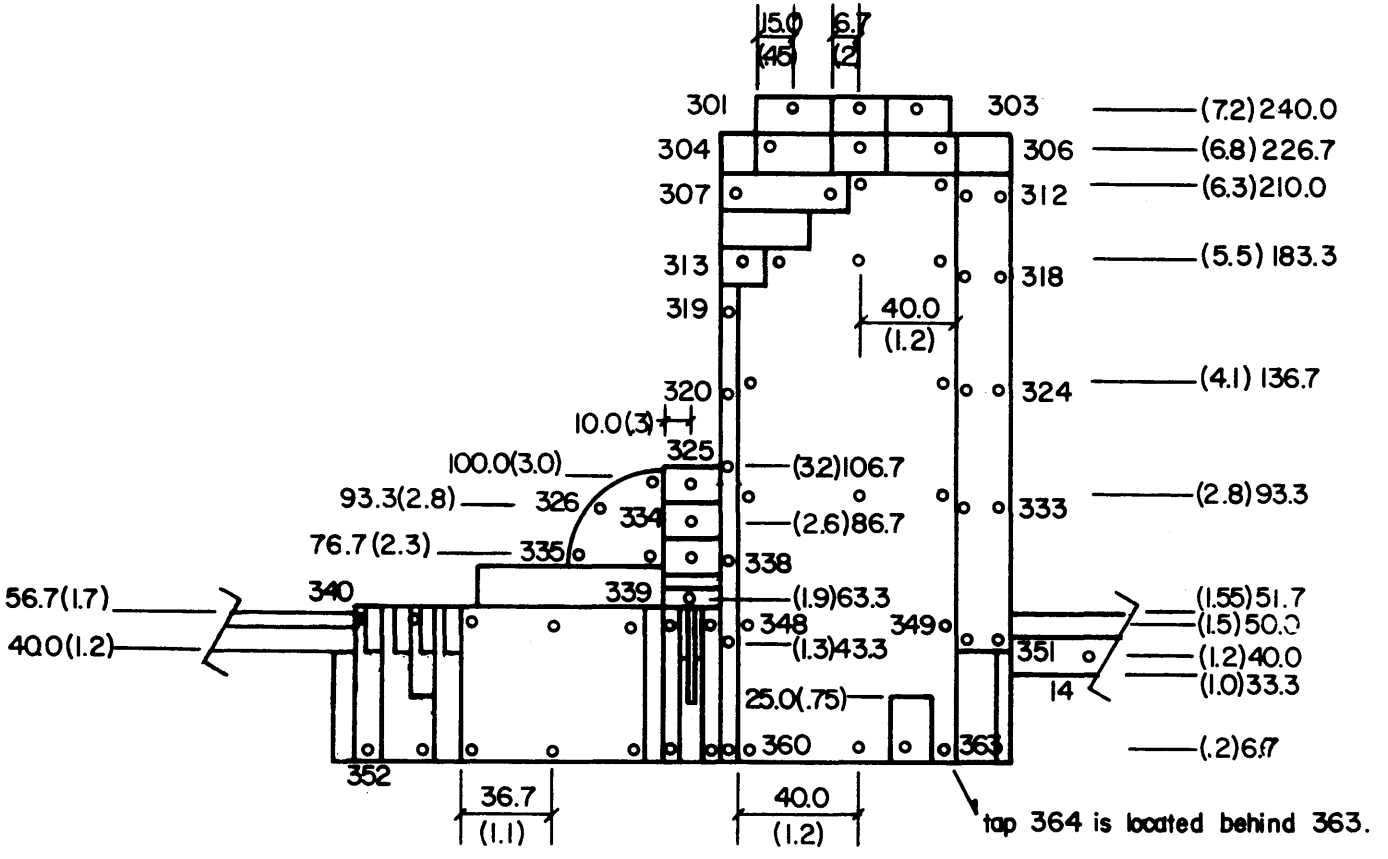


Taps are located (1') 3.3 from nearest edge unless otherwise noted.

Dashed lines represent taps located on bridges.

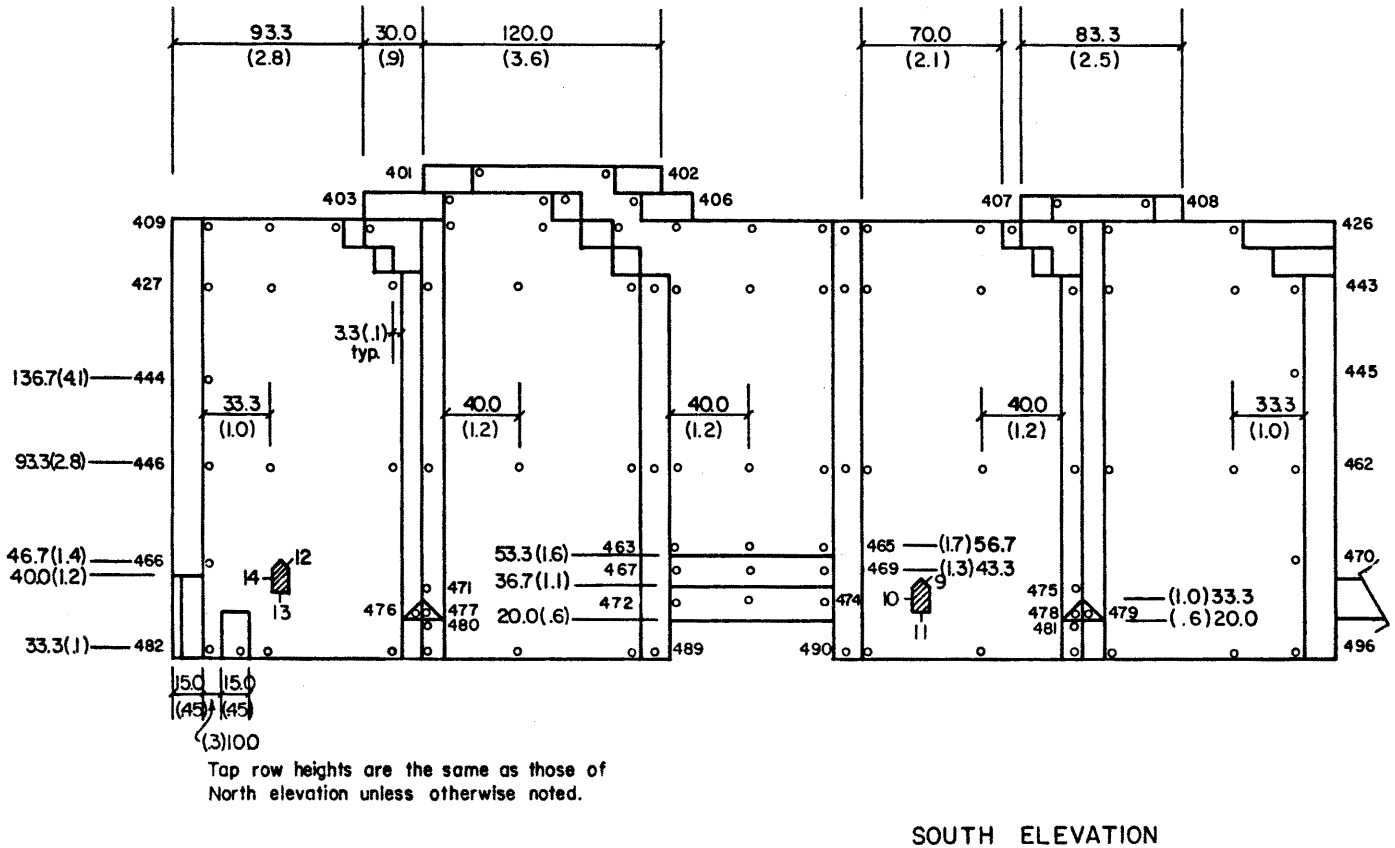
NORTH ELEVATION

Figure 3d. Pressure Tap Locations



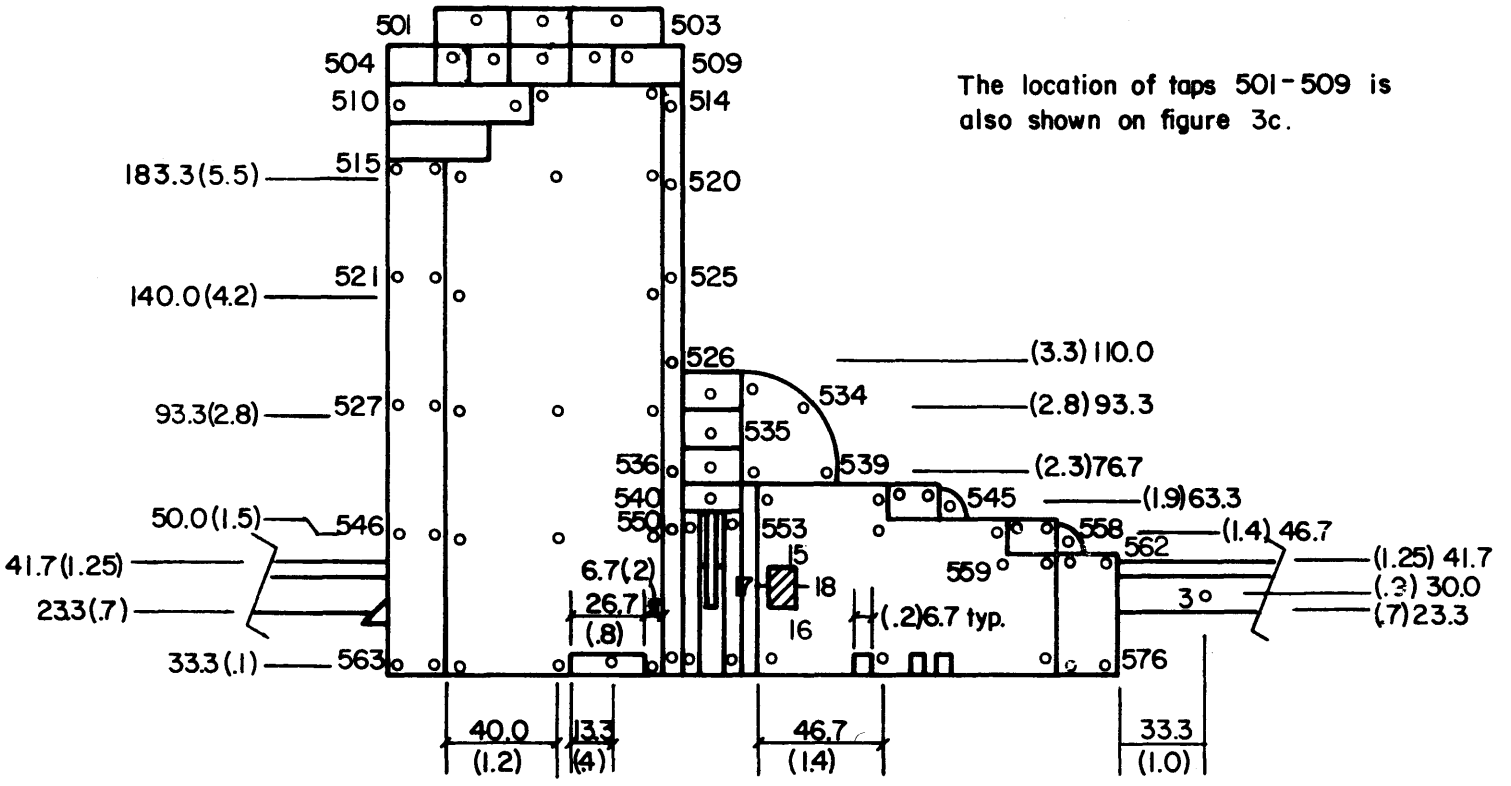
WEST ELEVATION

Figure 3e. Pressure Tap Locations



SOUTH ELEVATION

Figure 3f. Pressure Tap Locations



EAST ELEVATION

Figure 3g. Pressure Tap Locations

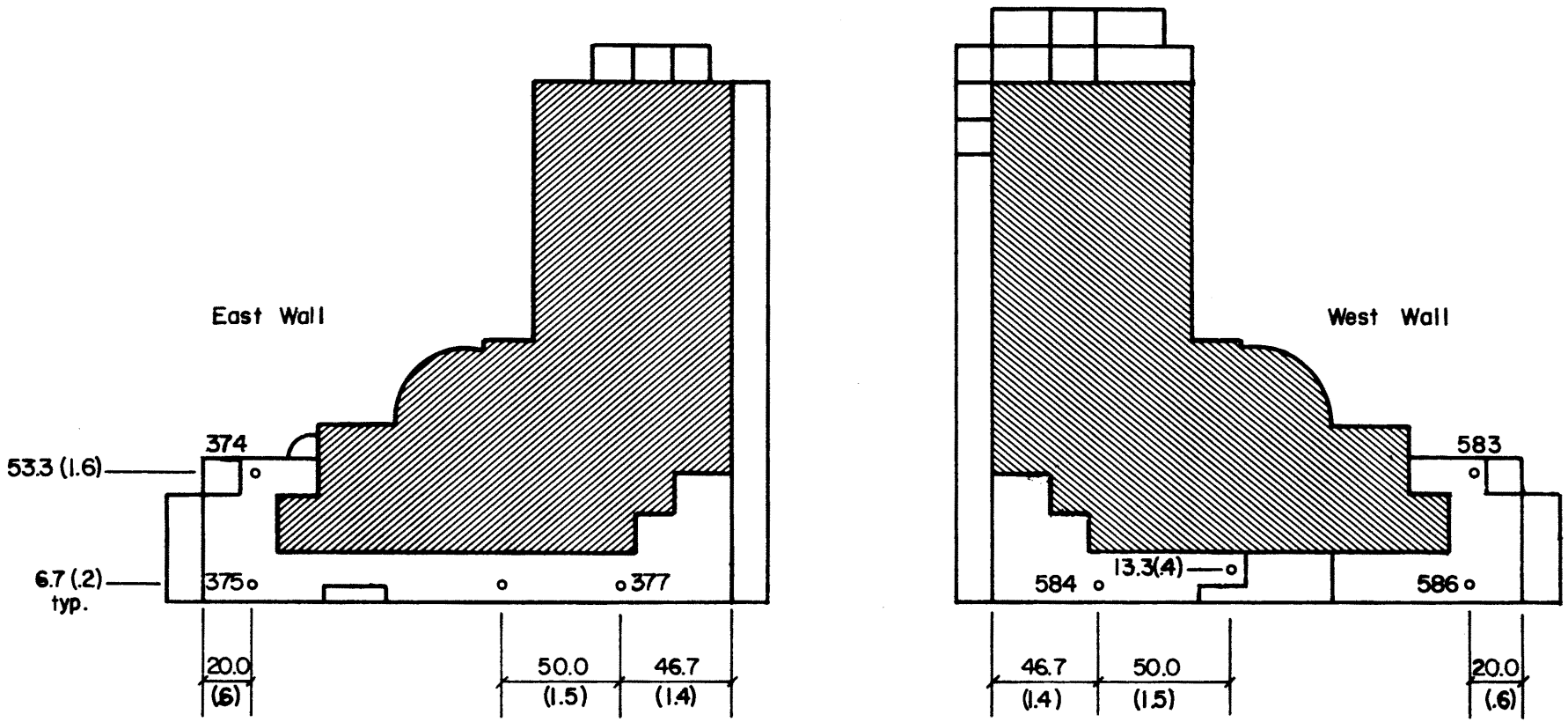
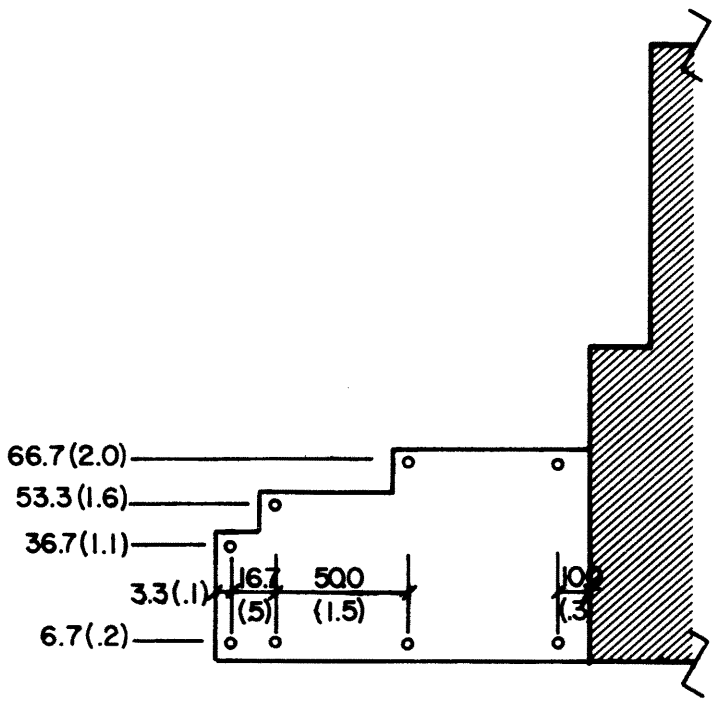
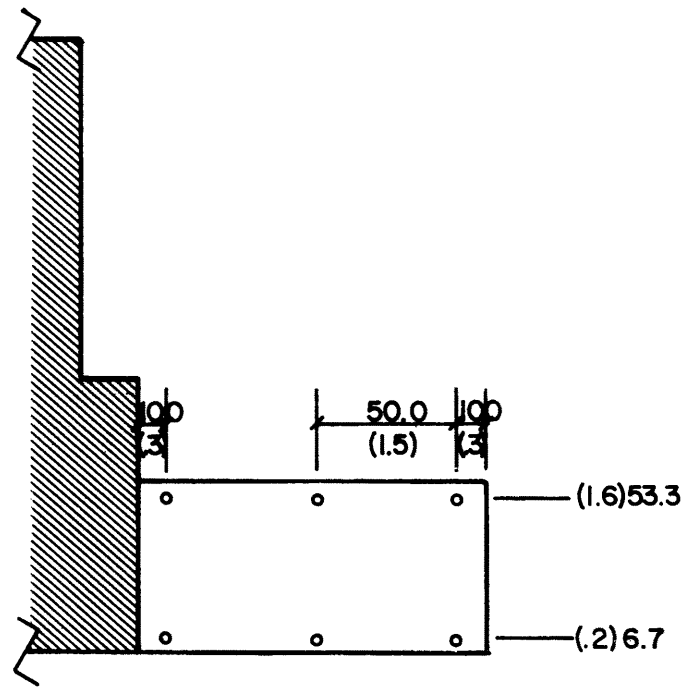


Figure 3h. Pressure Tap Locations



Section B-B



Section A-A

Figure 3i. Pressure Tap Locations

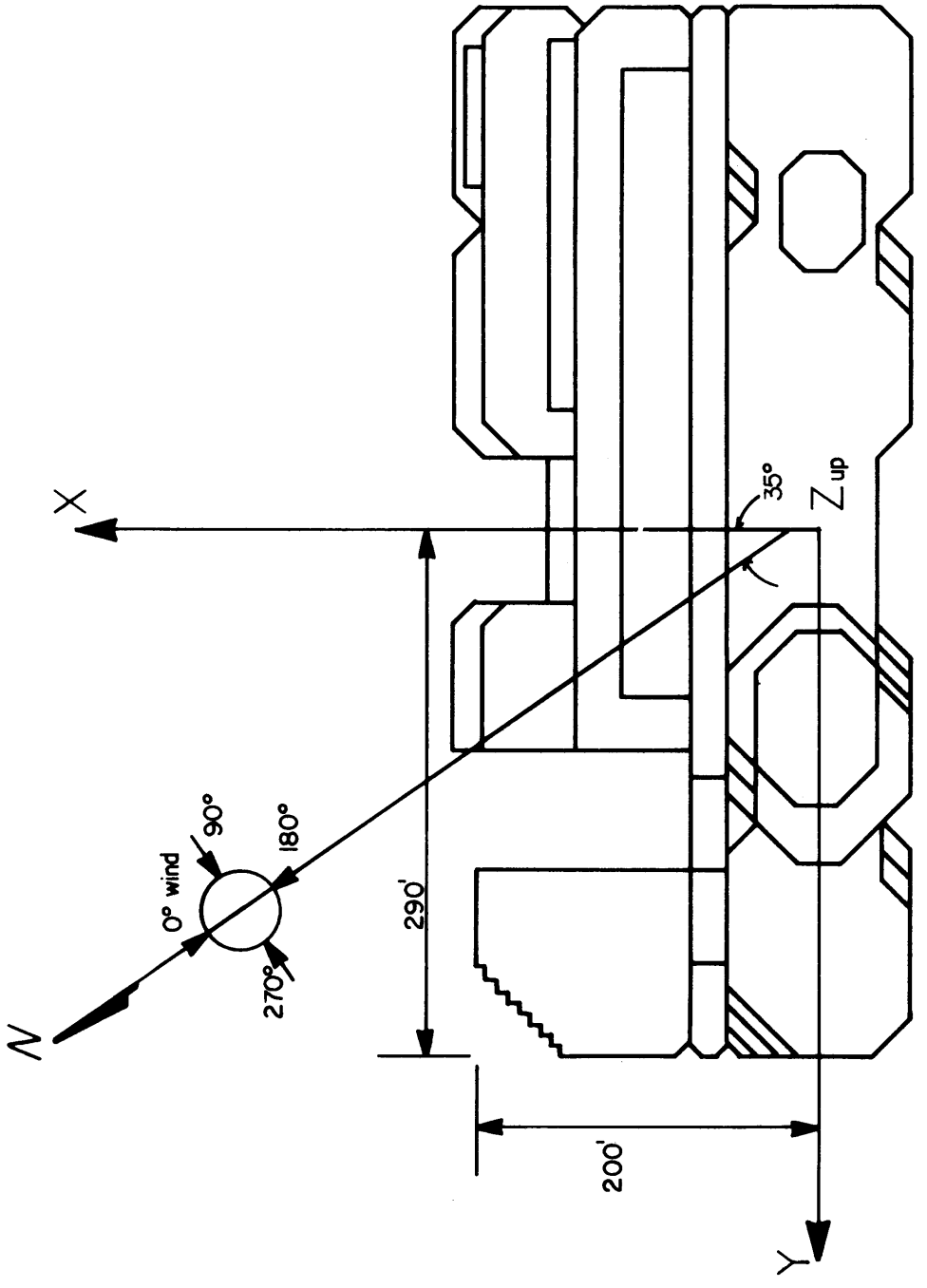


Figure 3j. Pressure Tap Locations

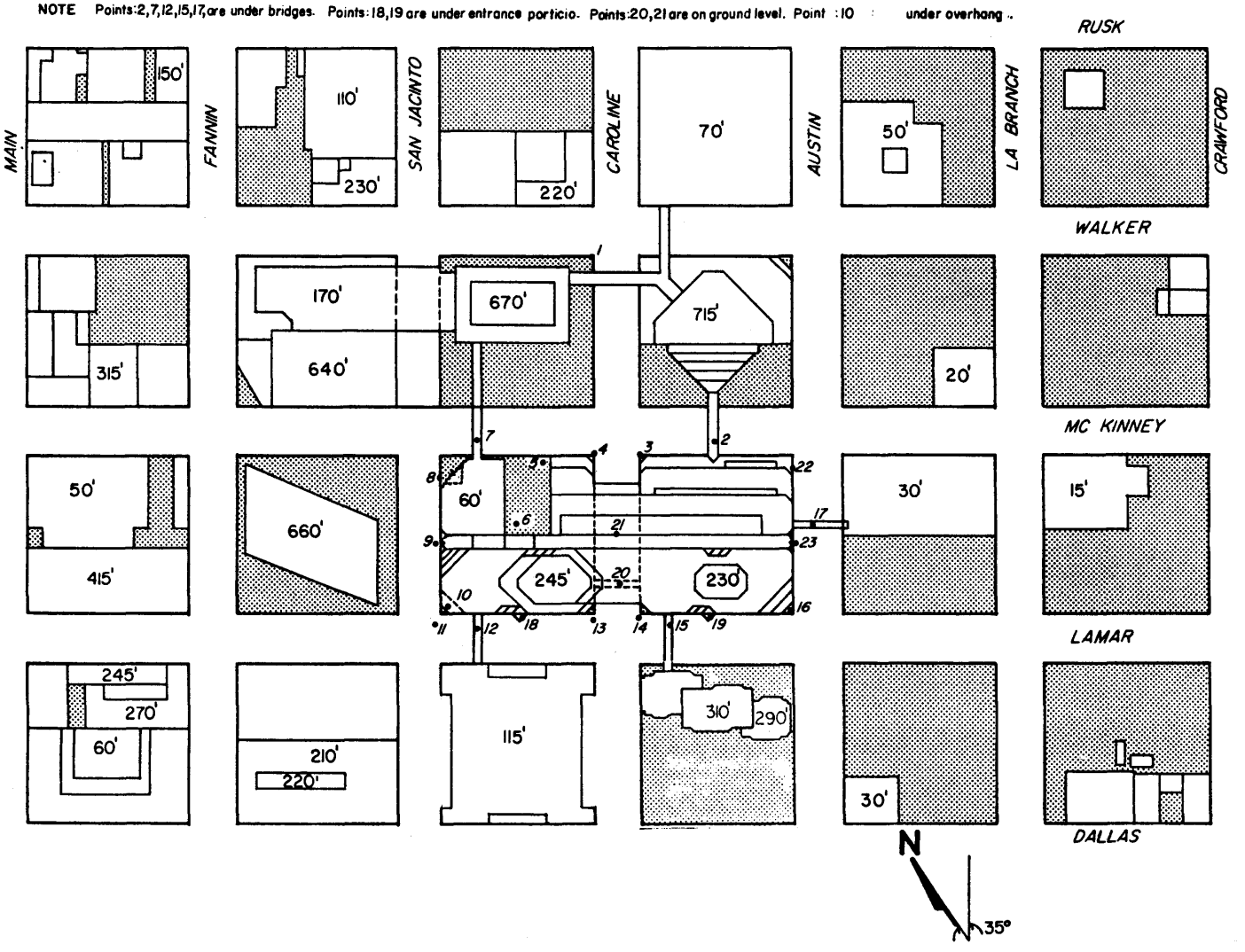


Figure 4. Building Locations and Pedestrian Wind Velocity Measuring Positions

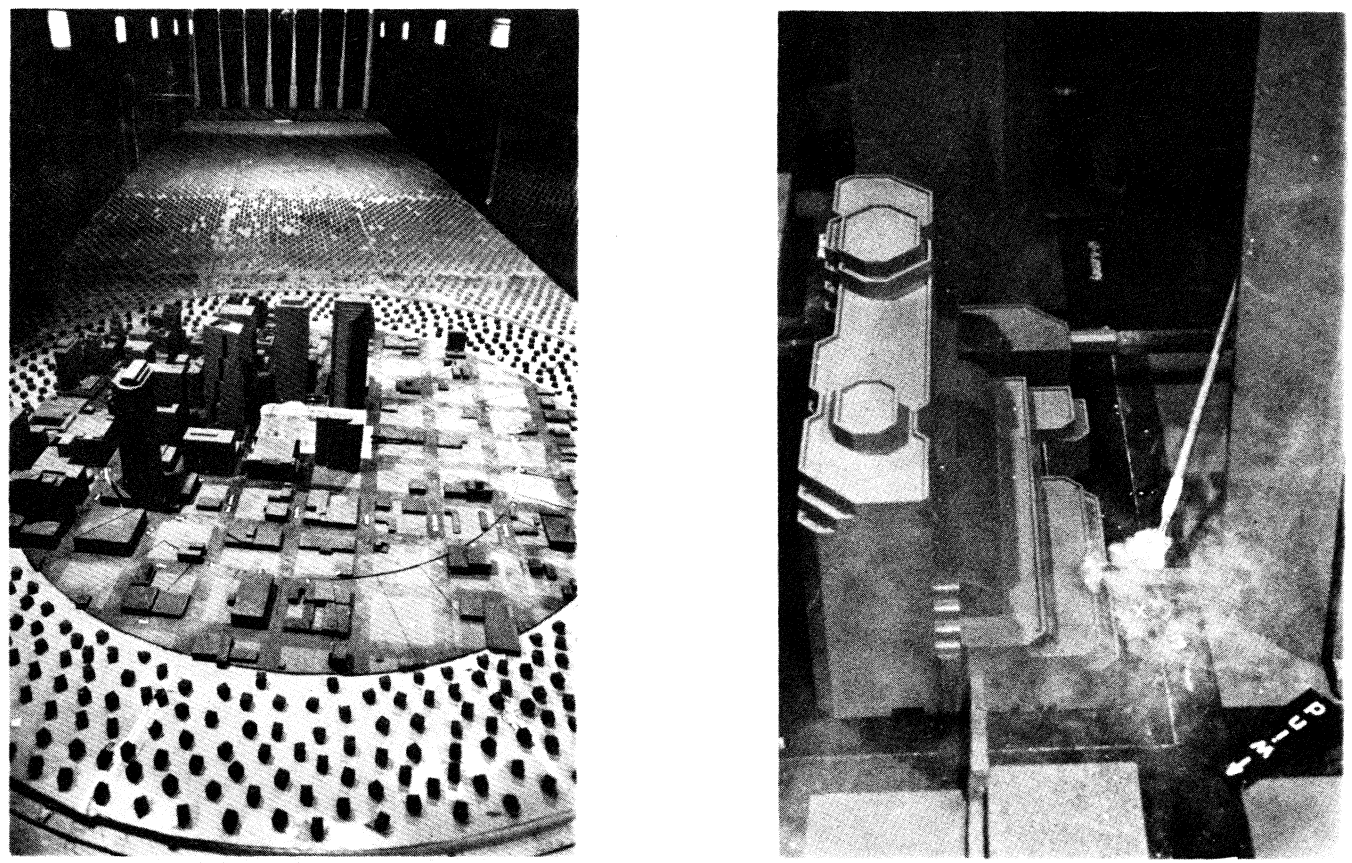
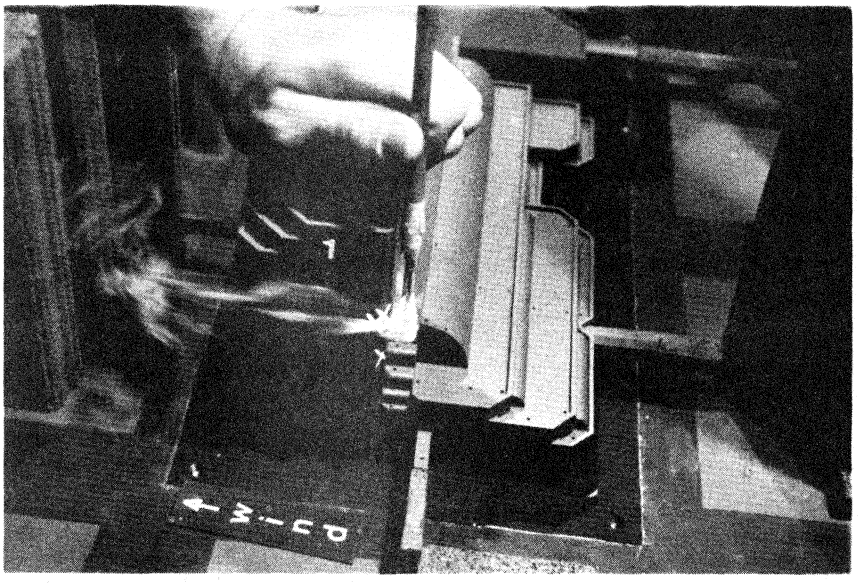


Figure 5. Completed Model in Wind Tunnel



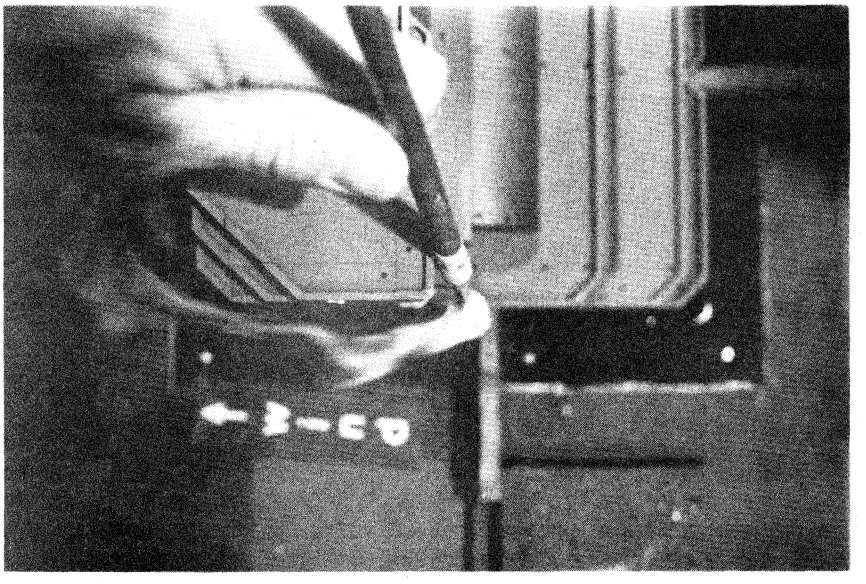


Figure 5. Completed Model in Wind Tunnel

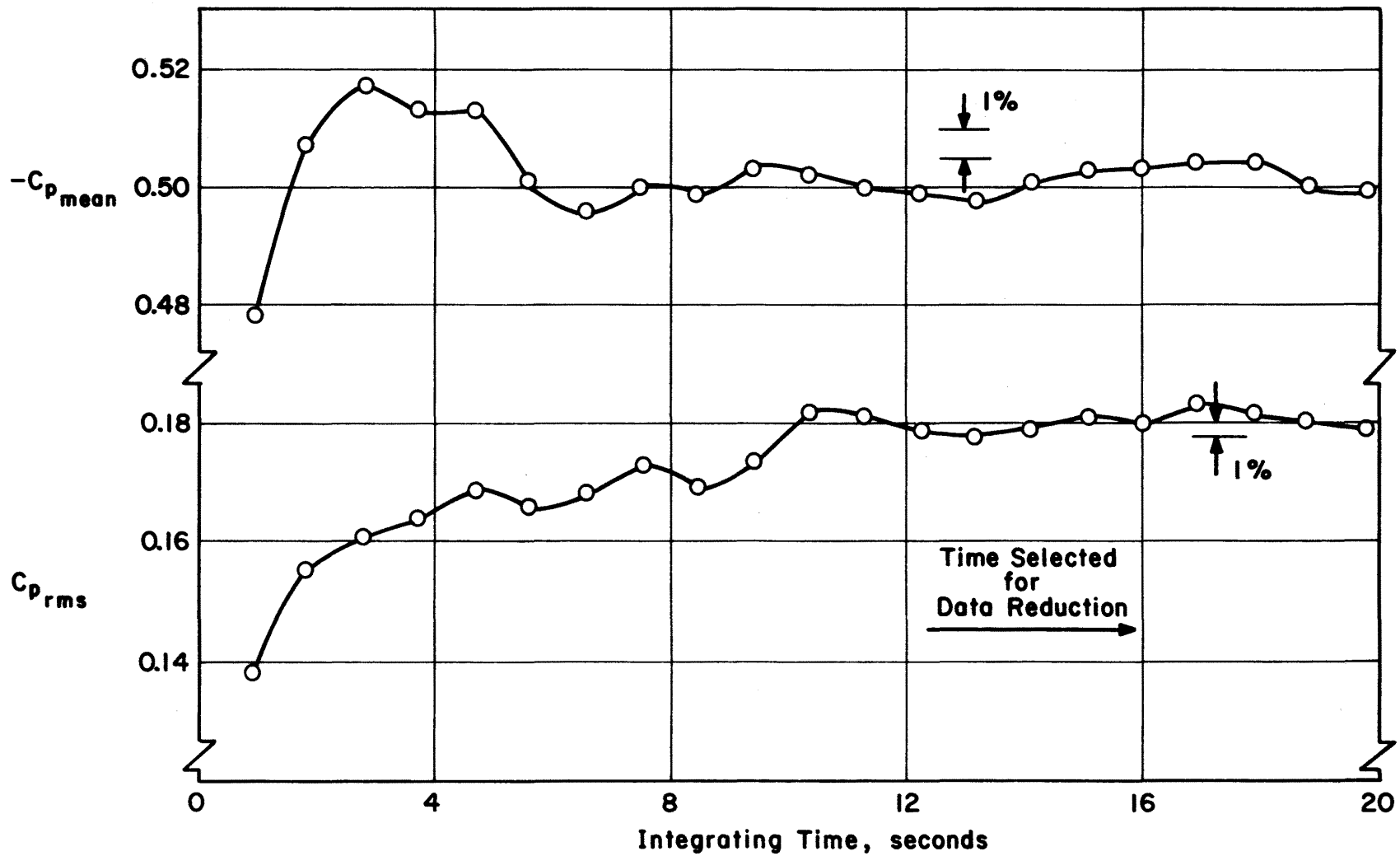


Figure 6- Data Sampling Time Verification

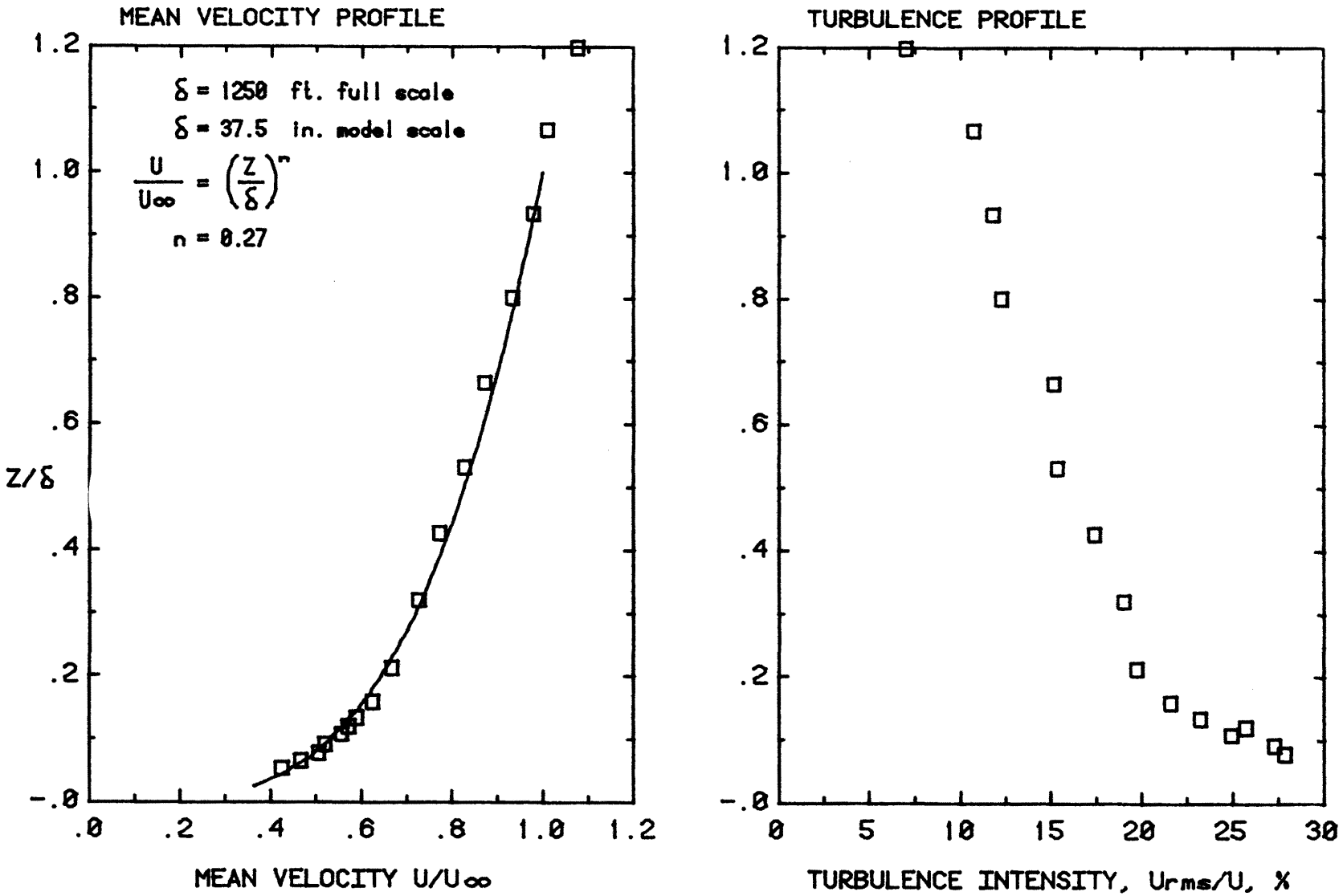


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

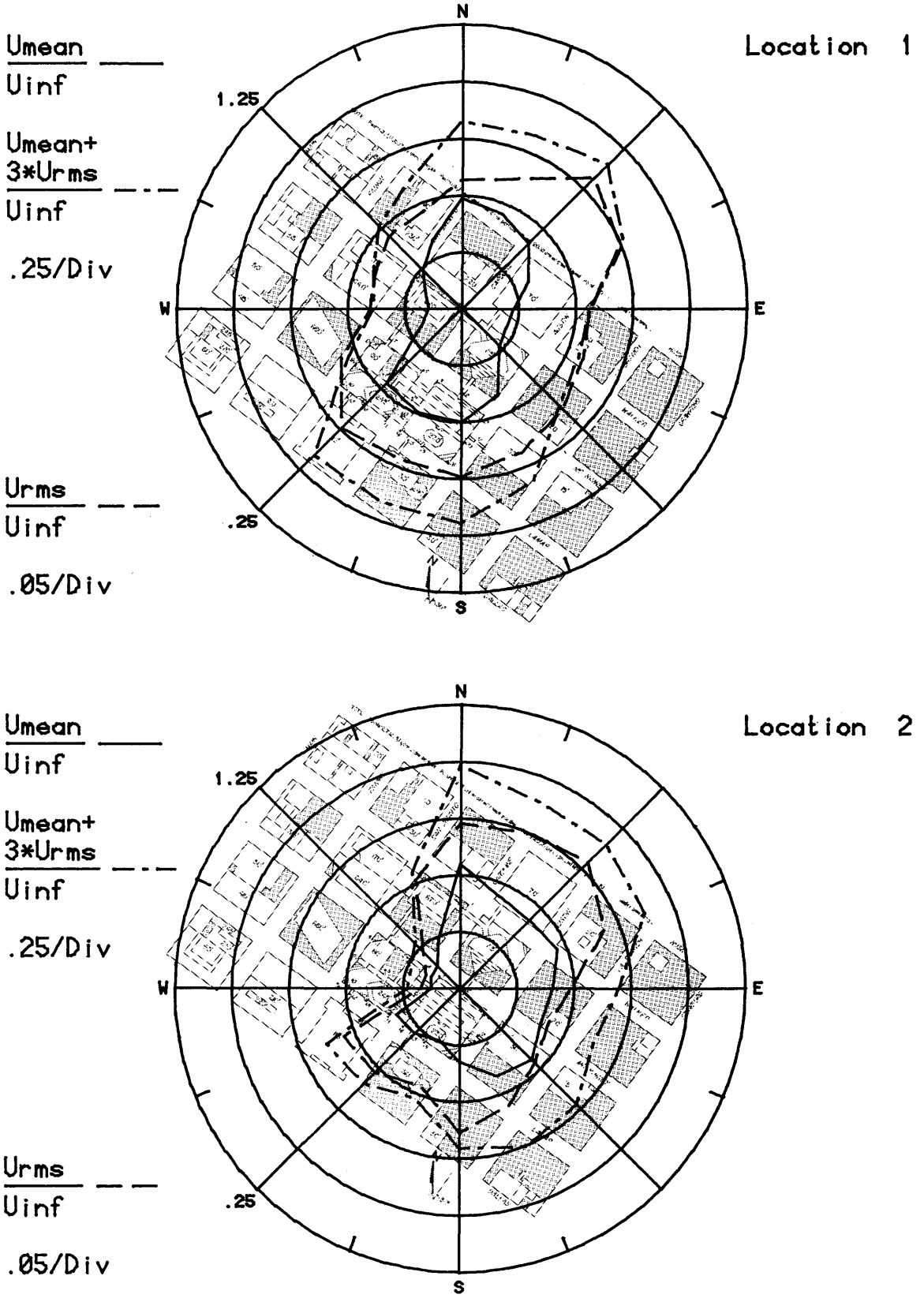
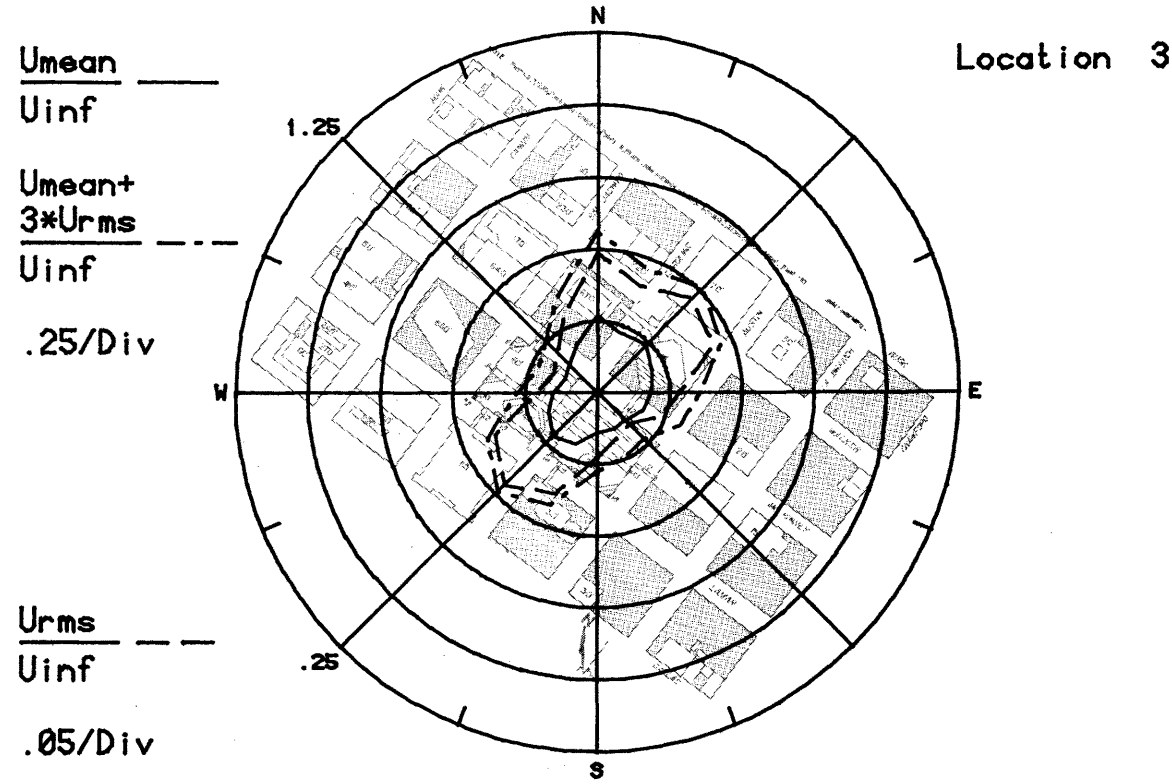
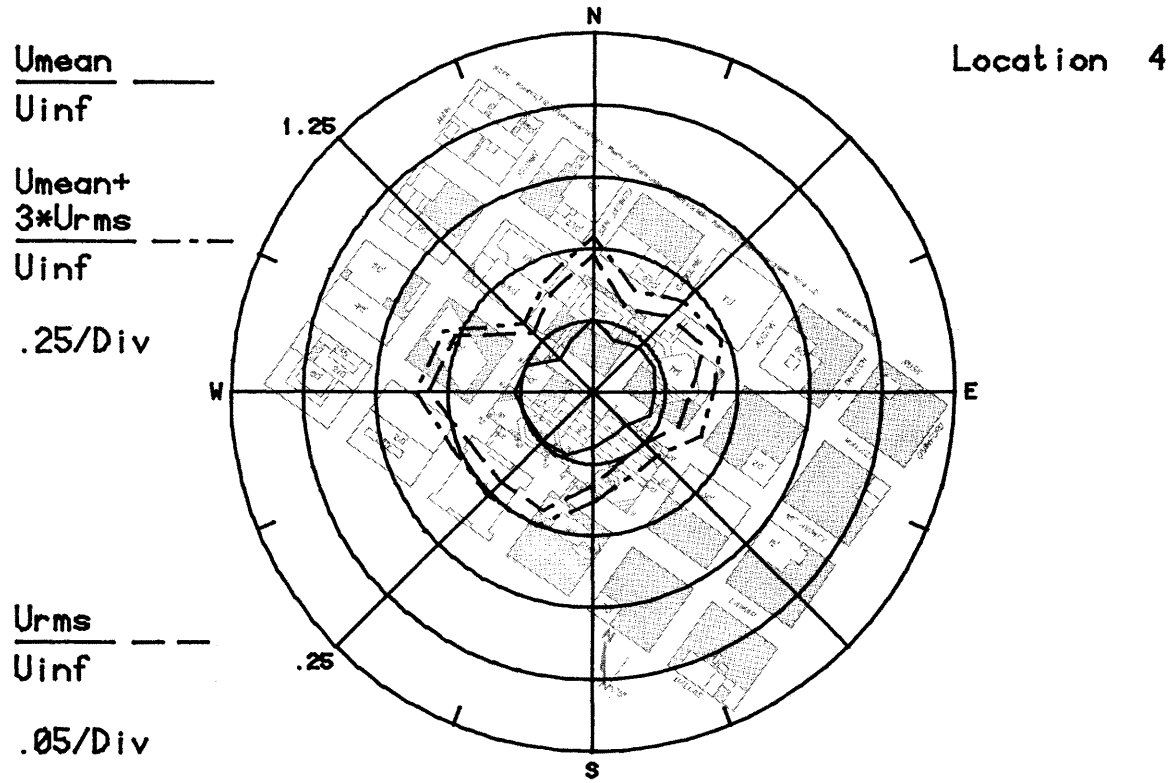


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2





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

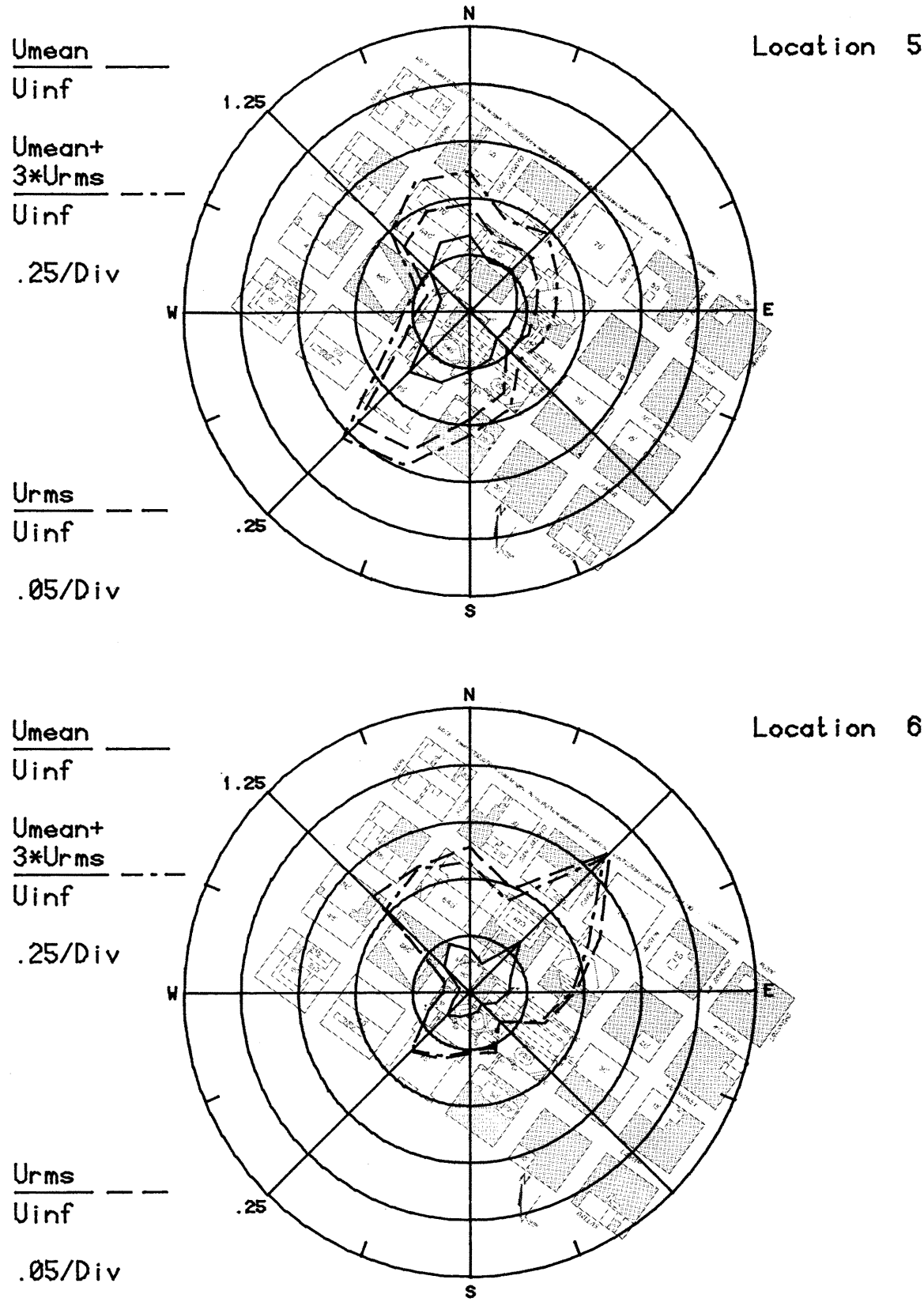


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

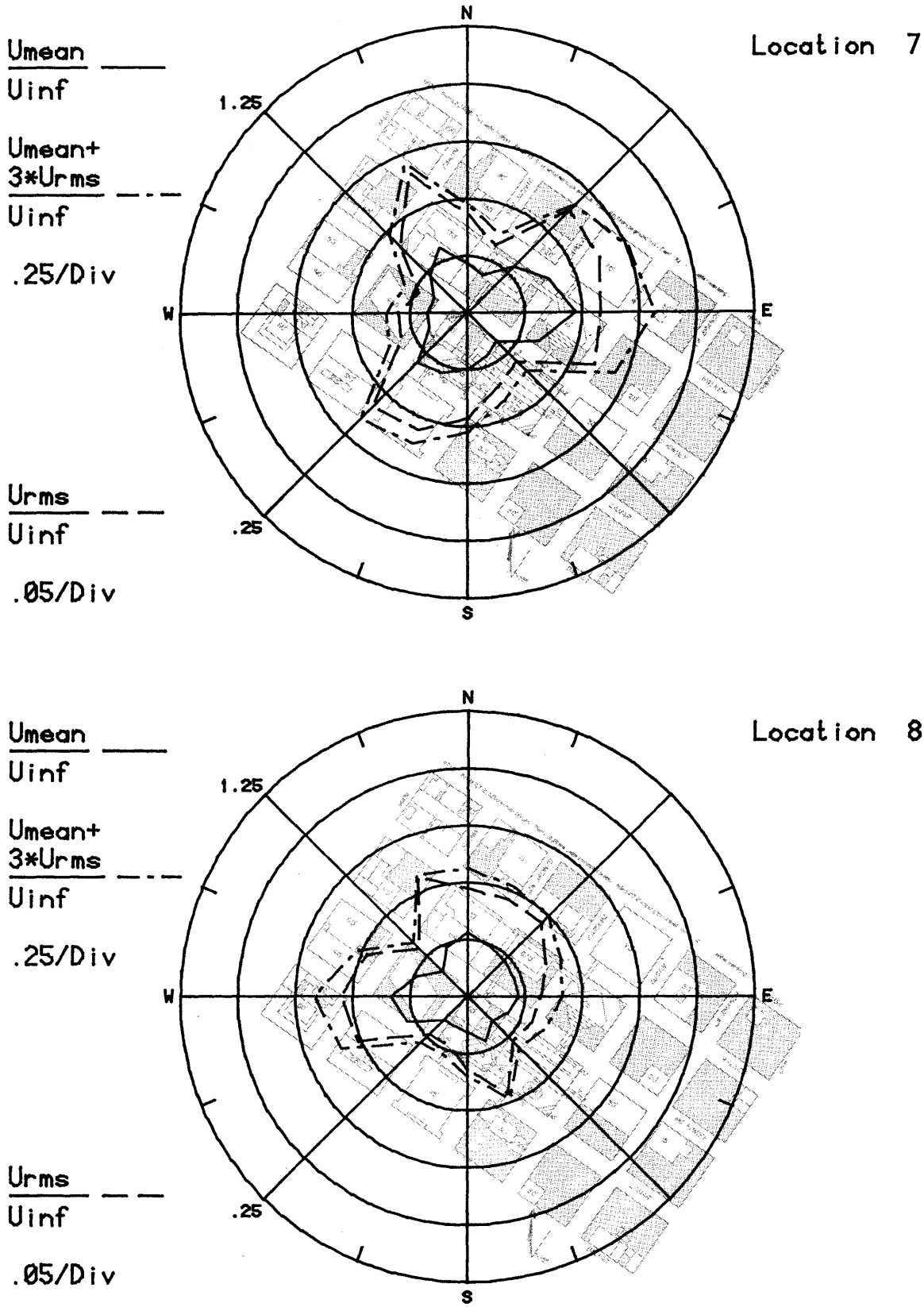


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

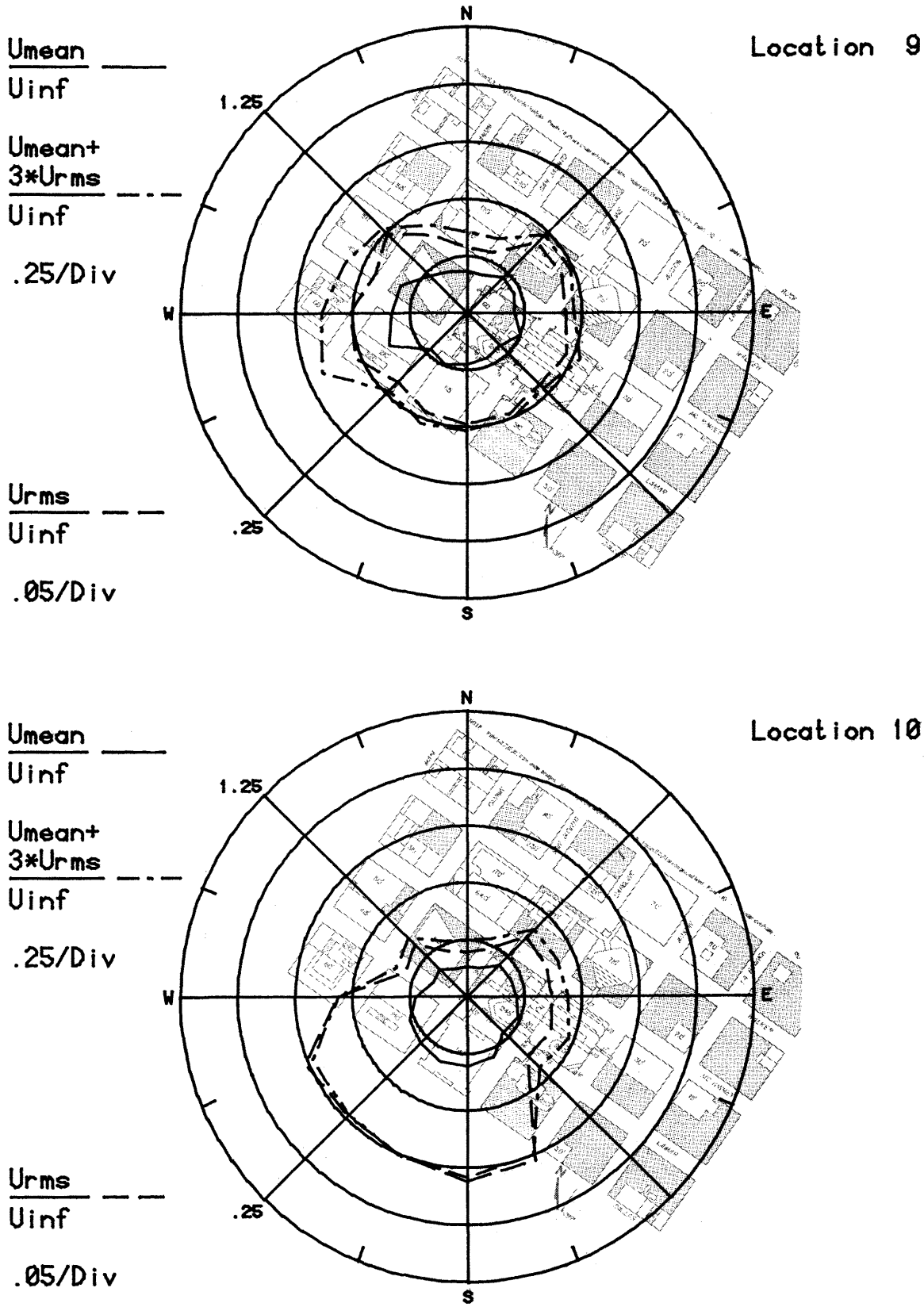
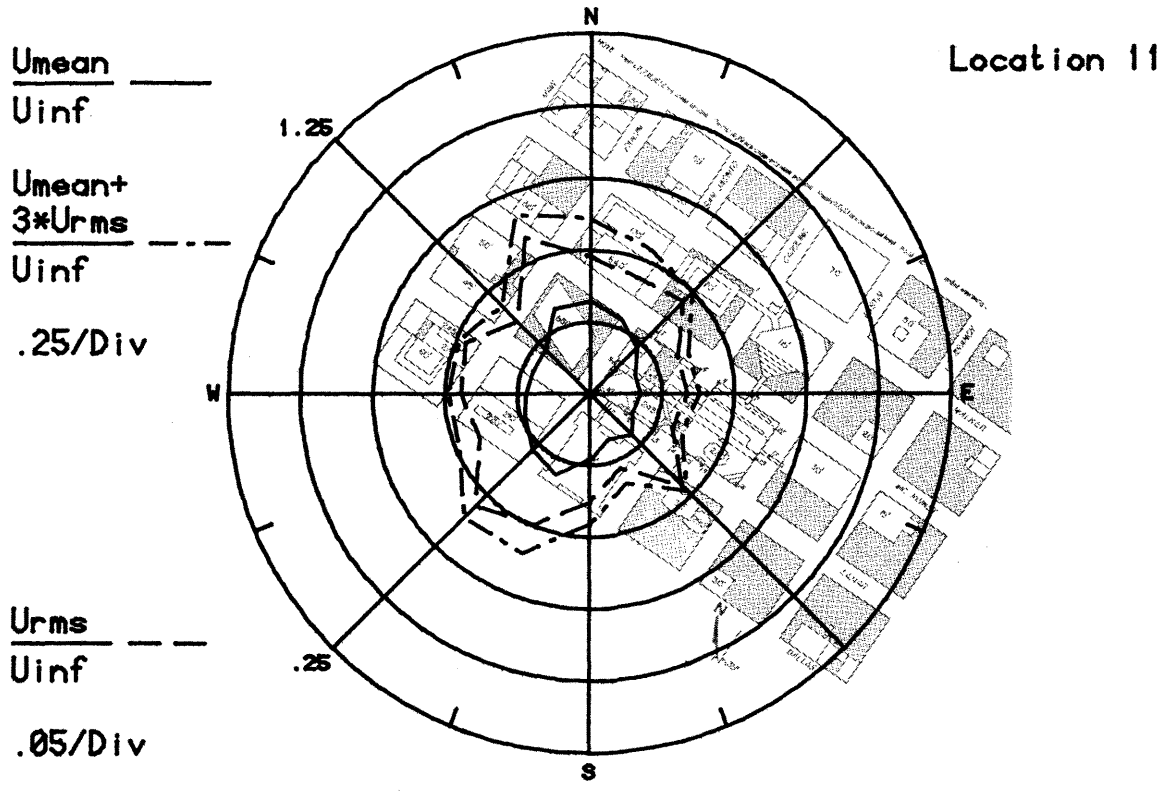


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10



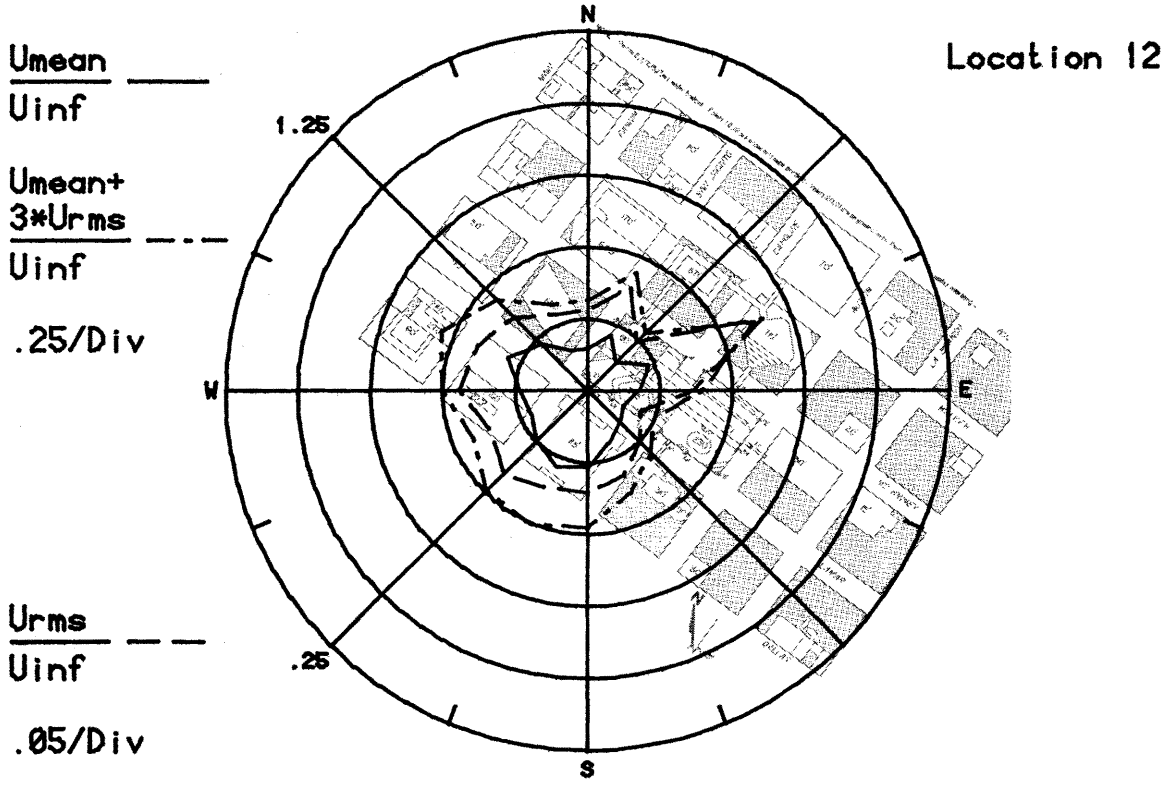
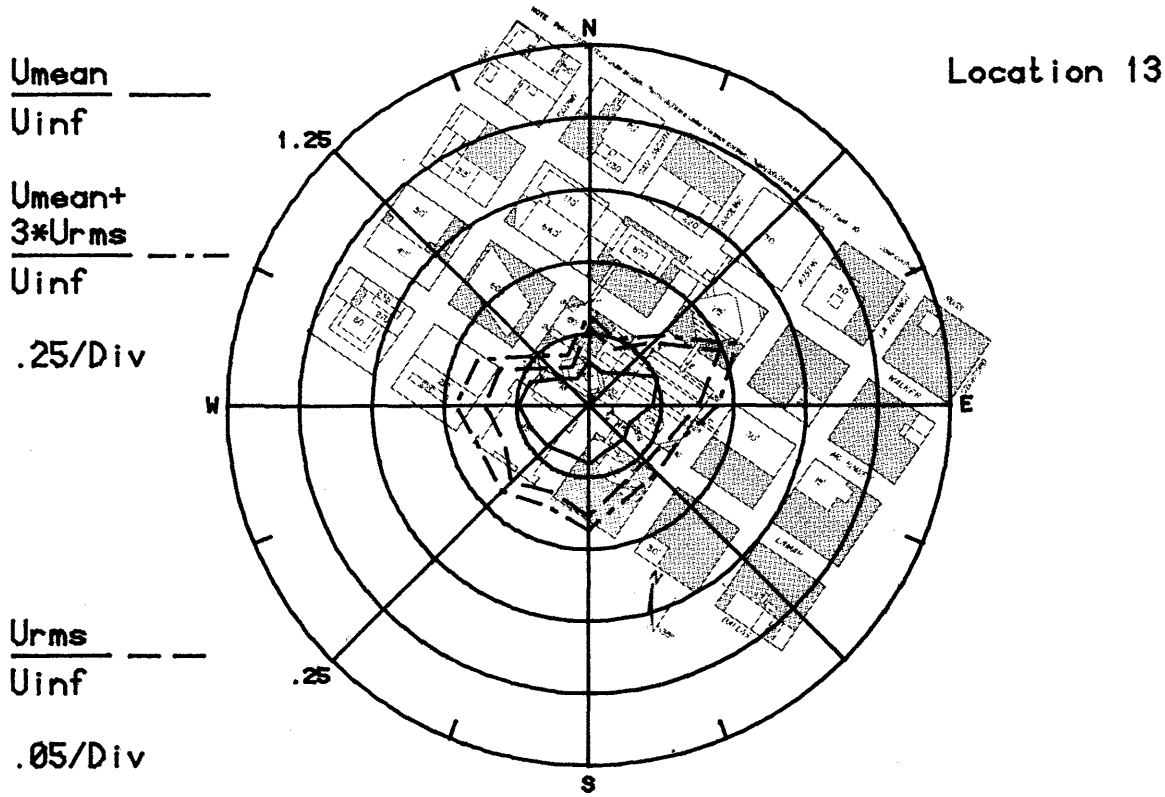


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12



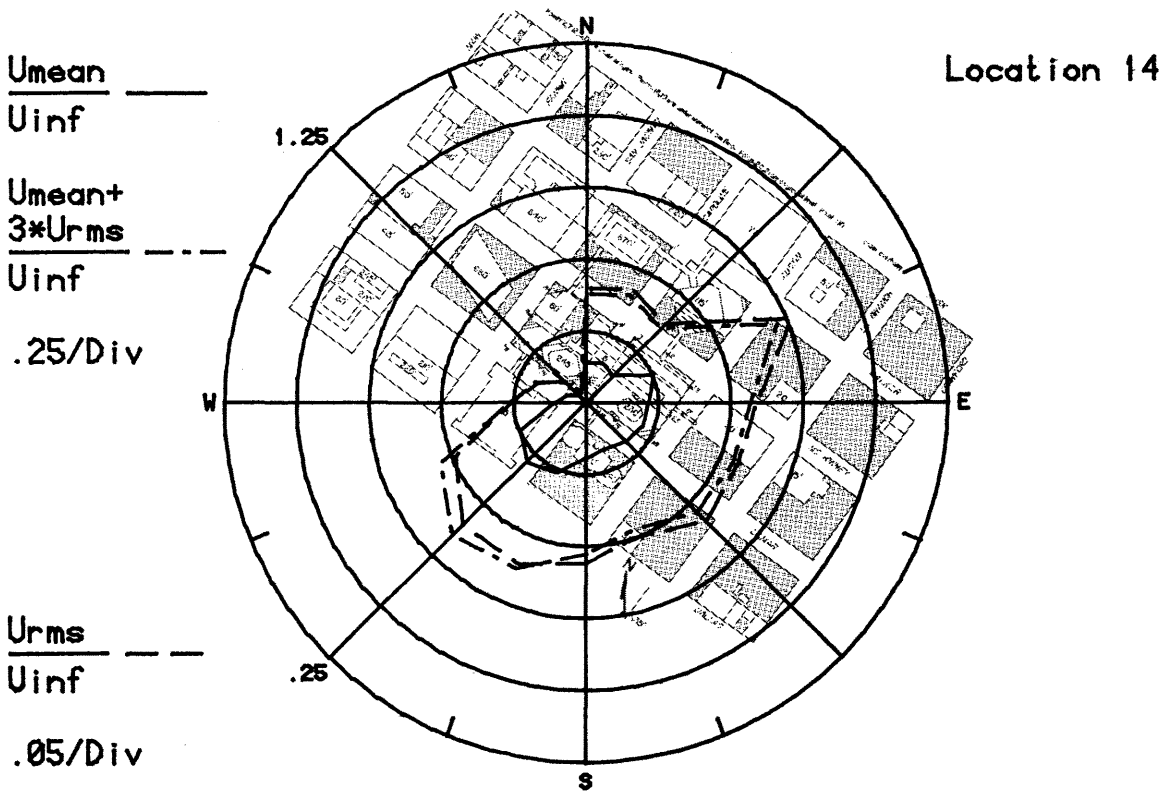


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

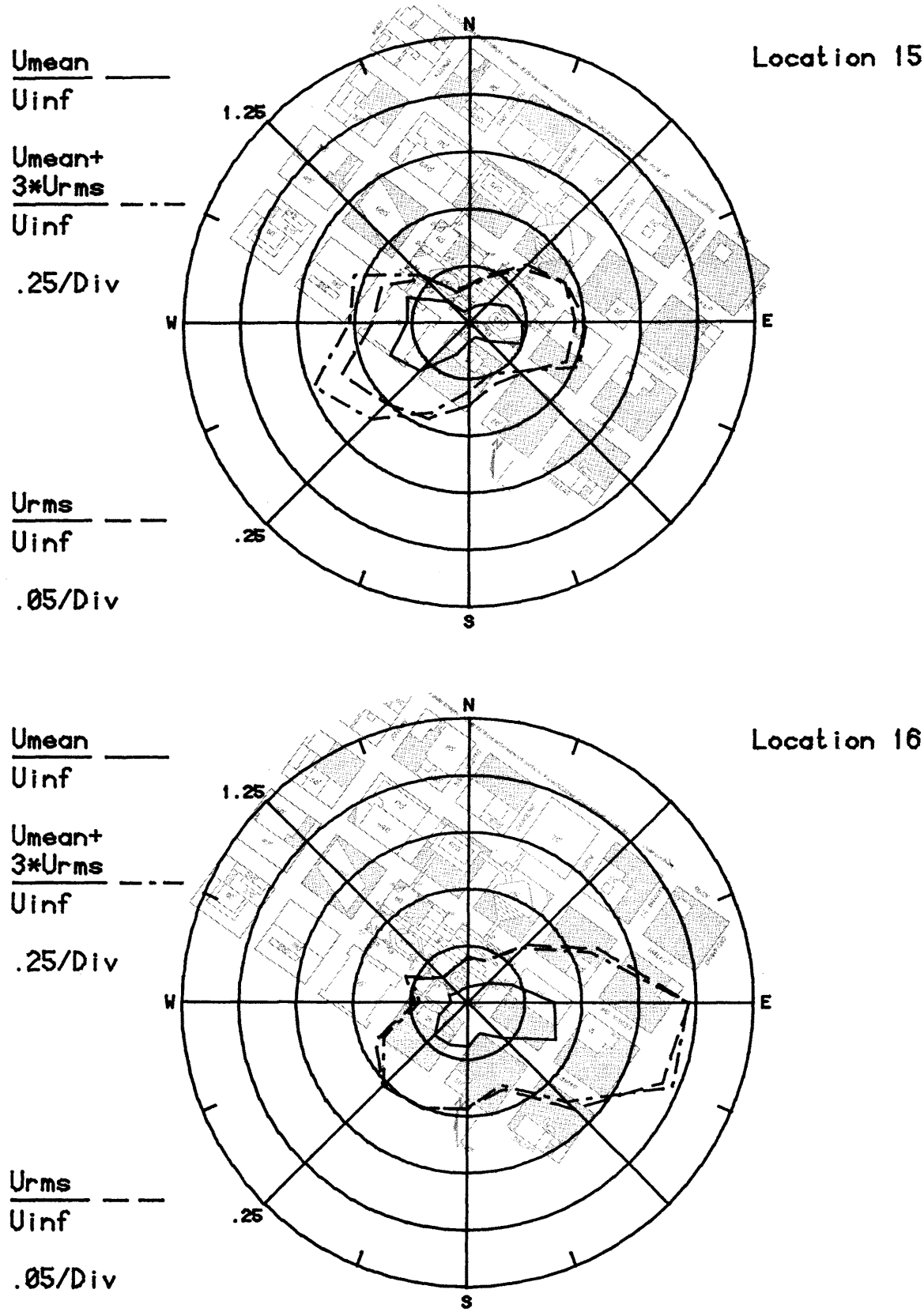


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

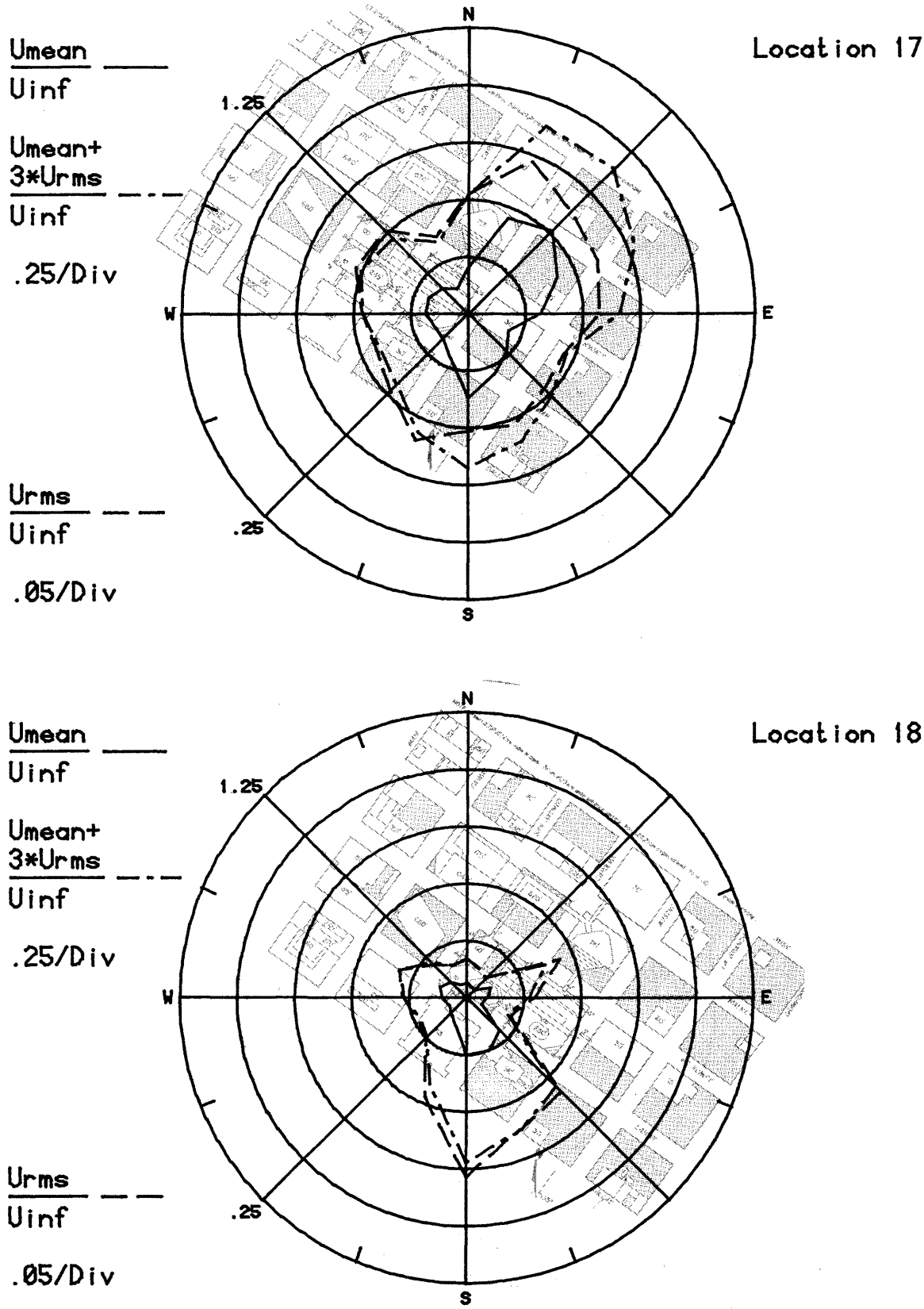


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

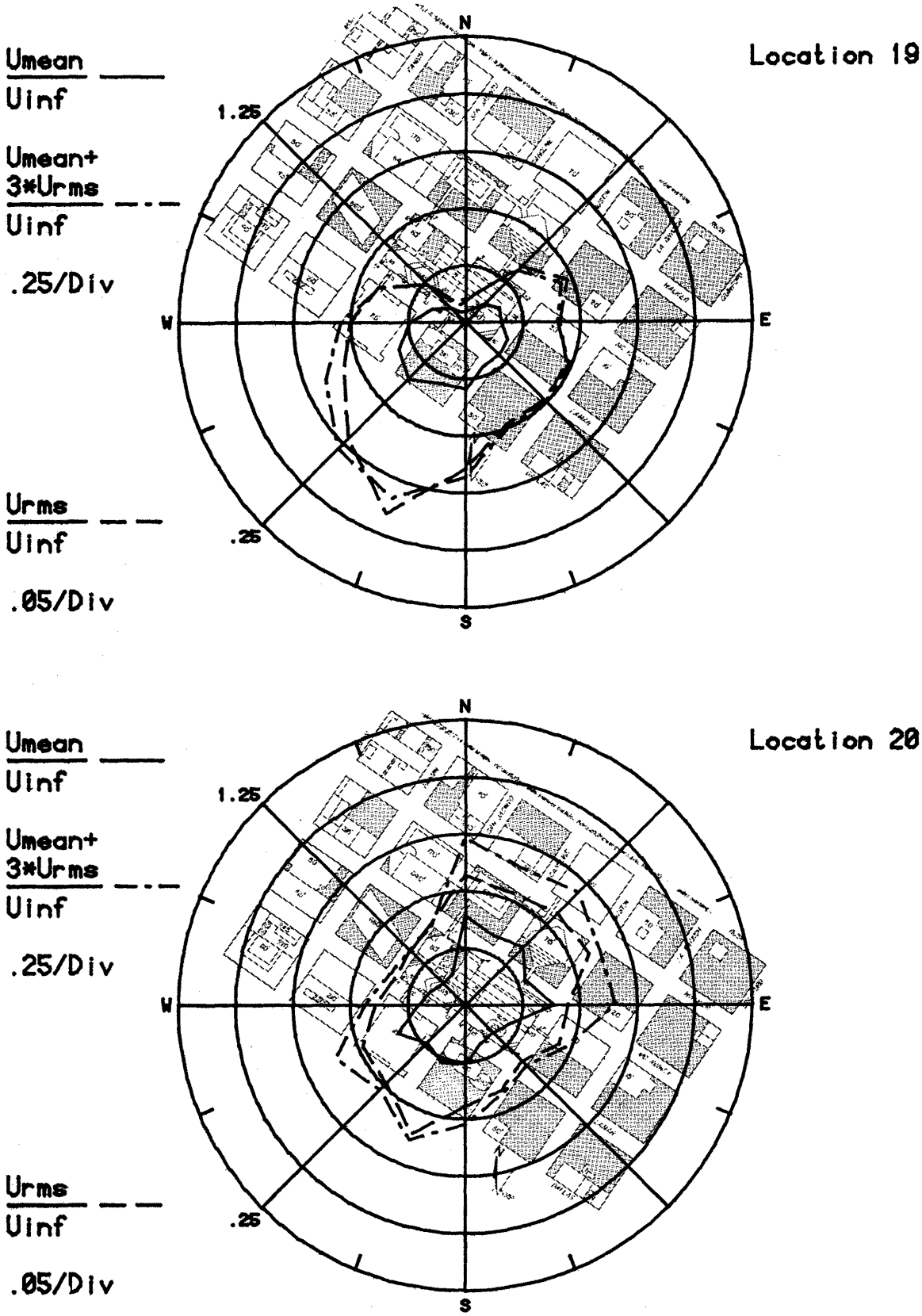
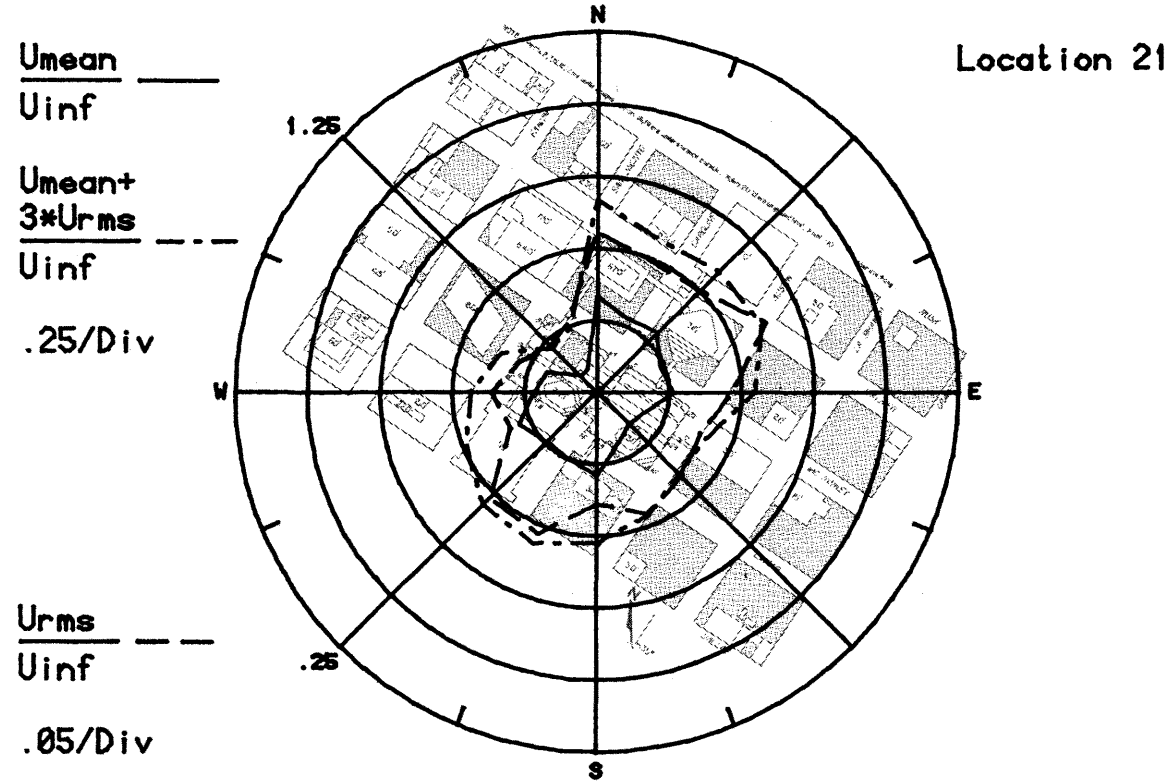


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20



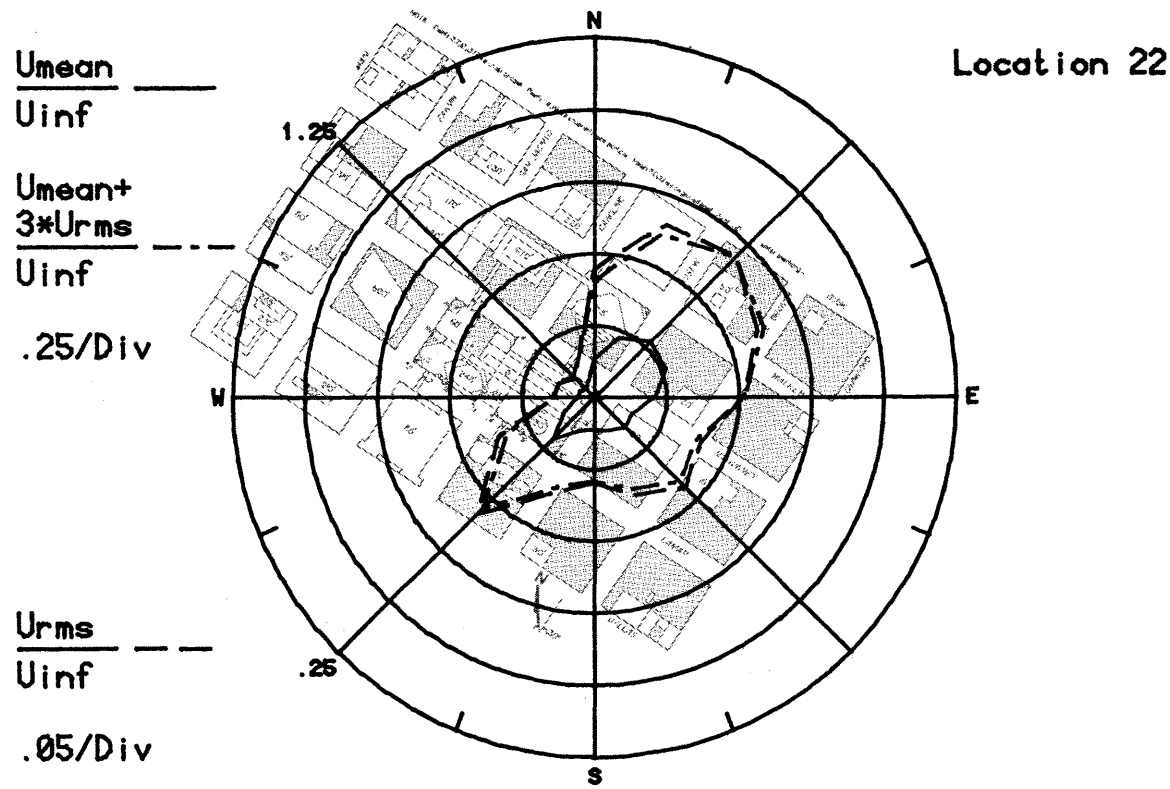


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22

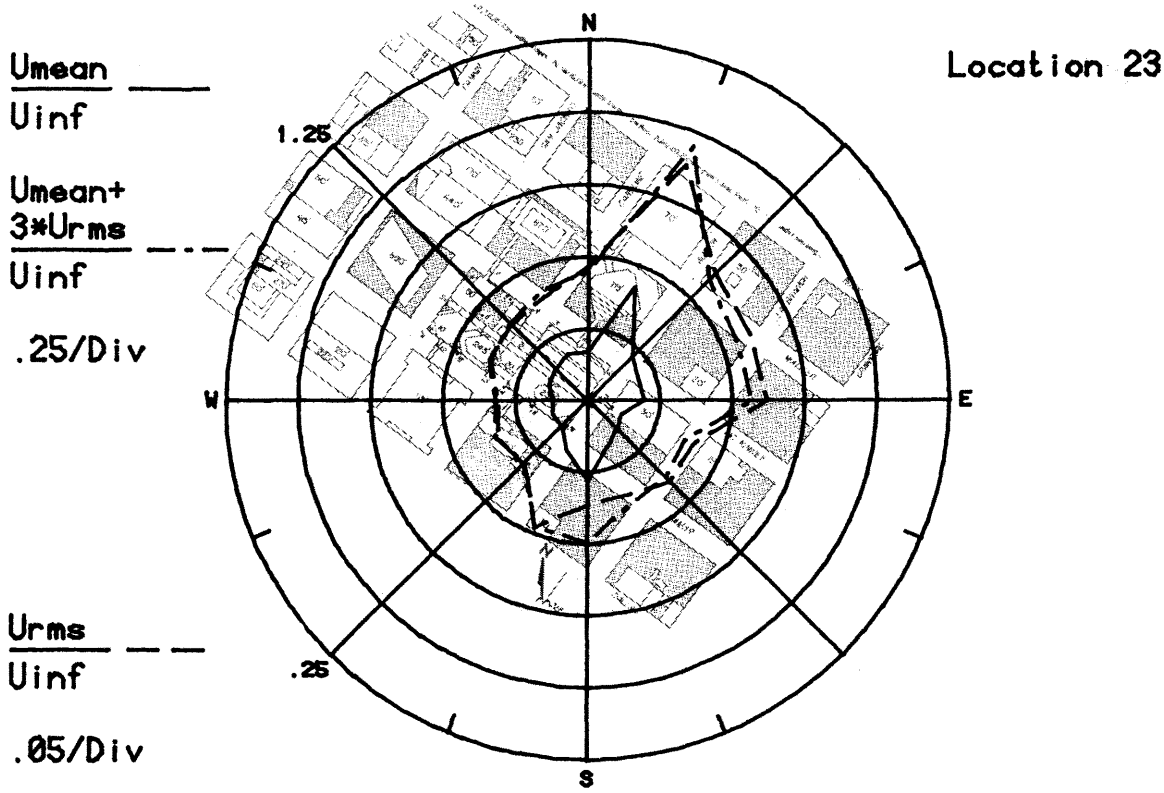


Figure 81. Mean Velocities and Turbulence Intensities at Pedestrian Location 23

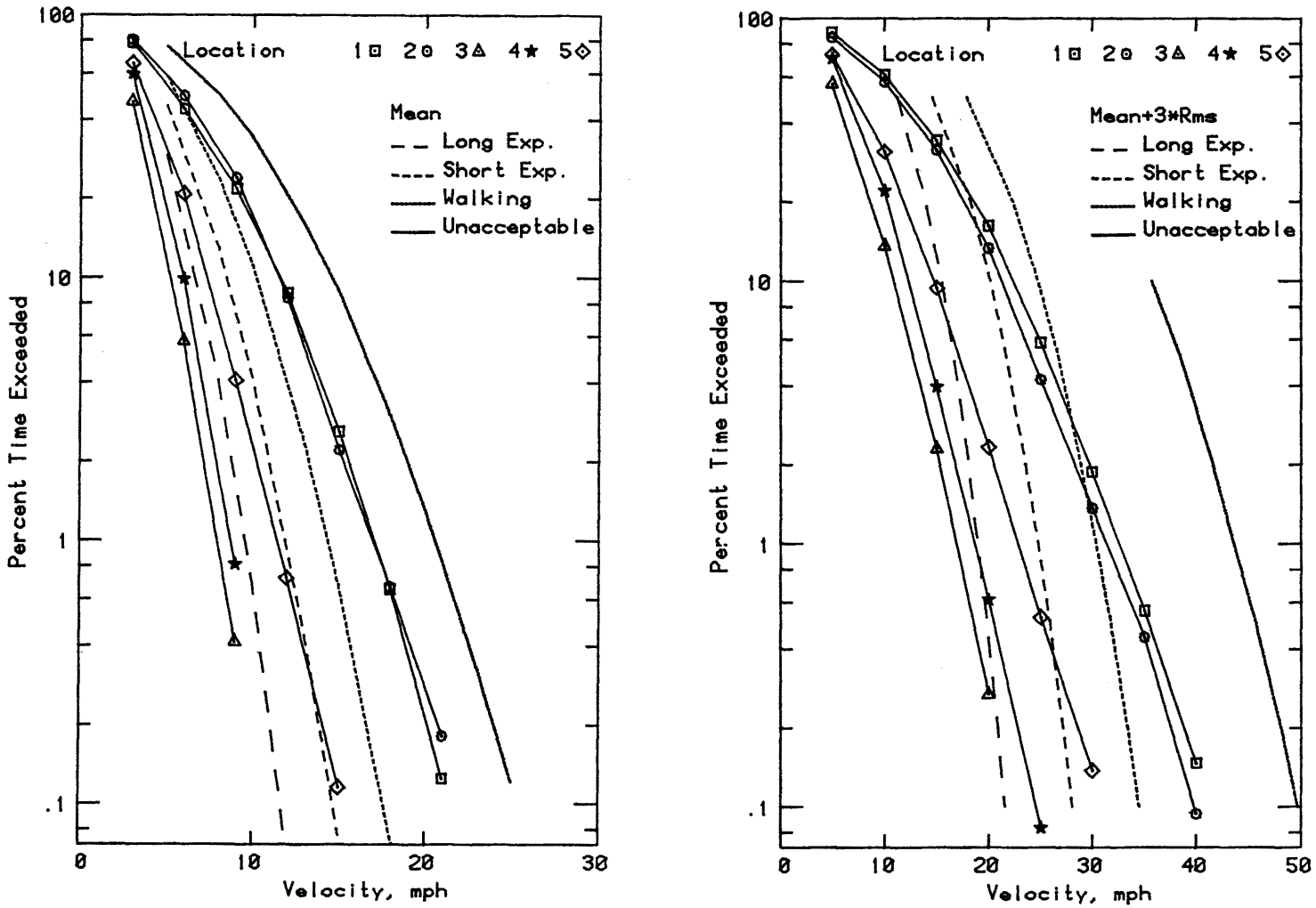


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

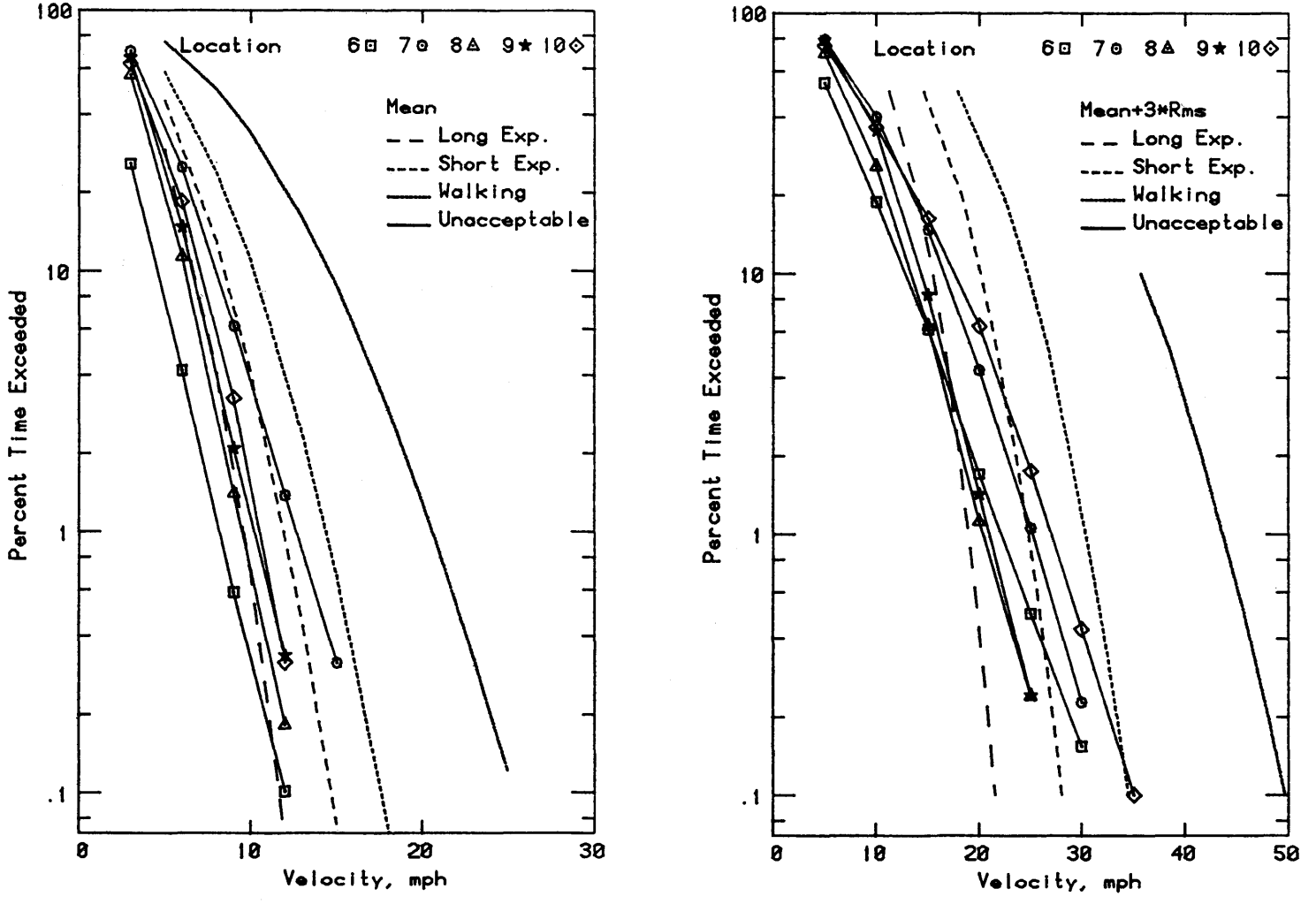


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

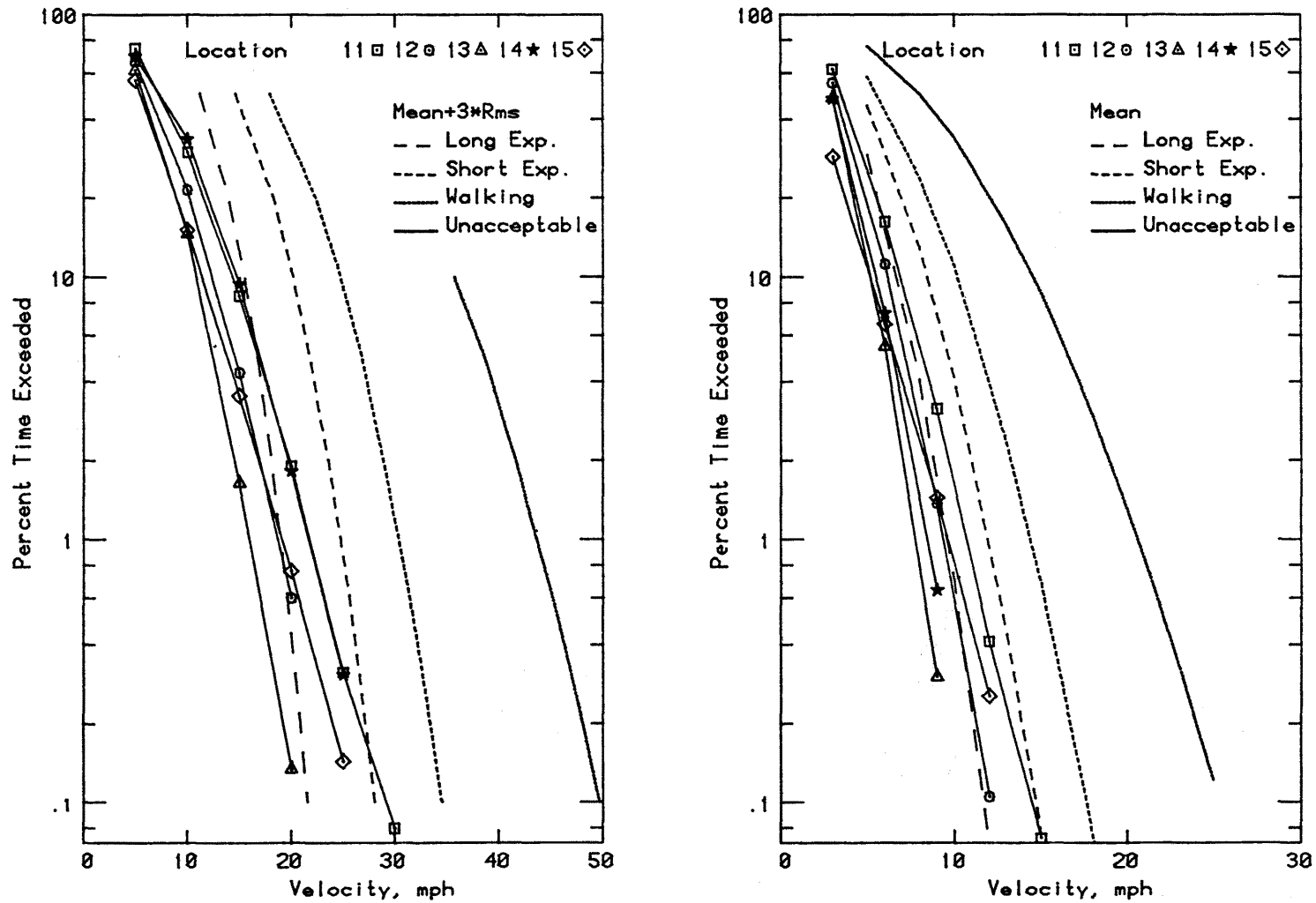


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

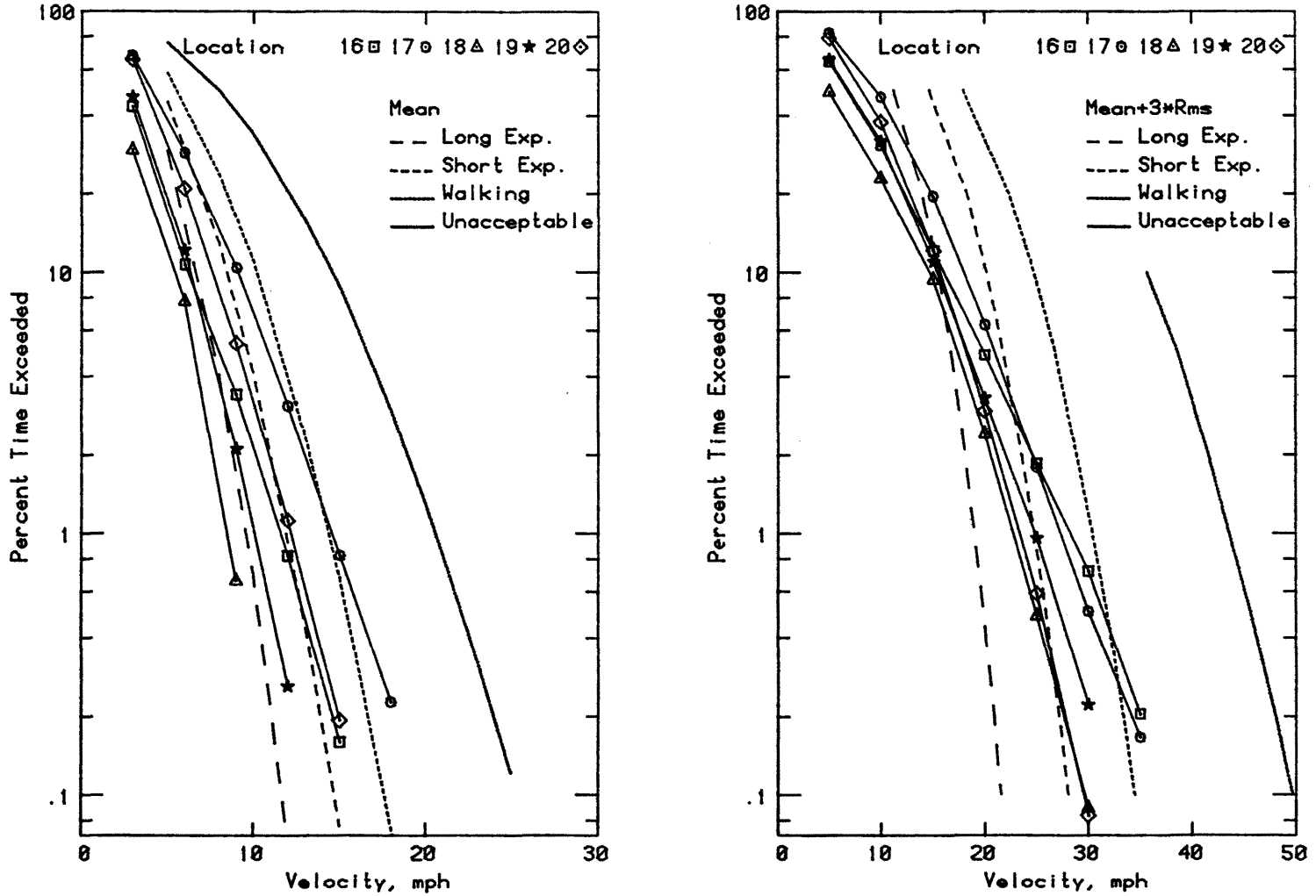


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

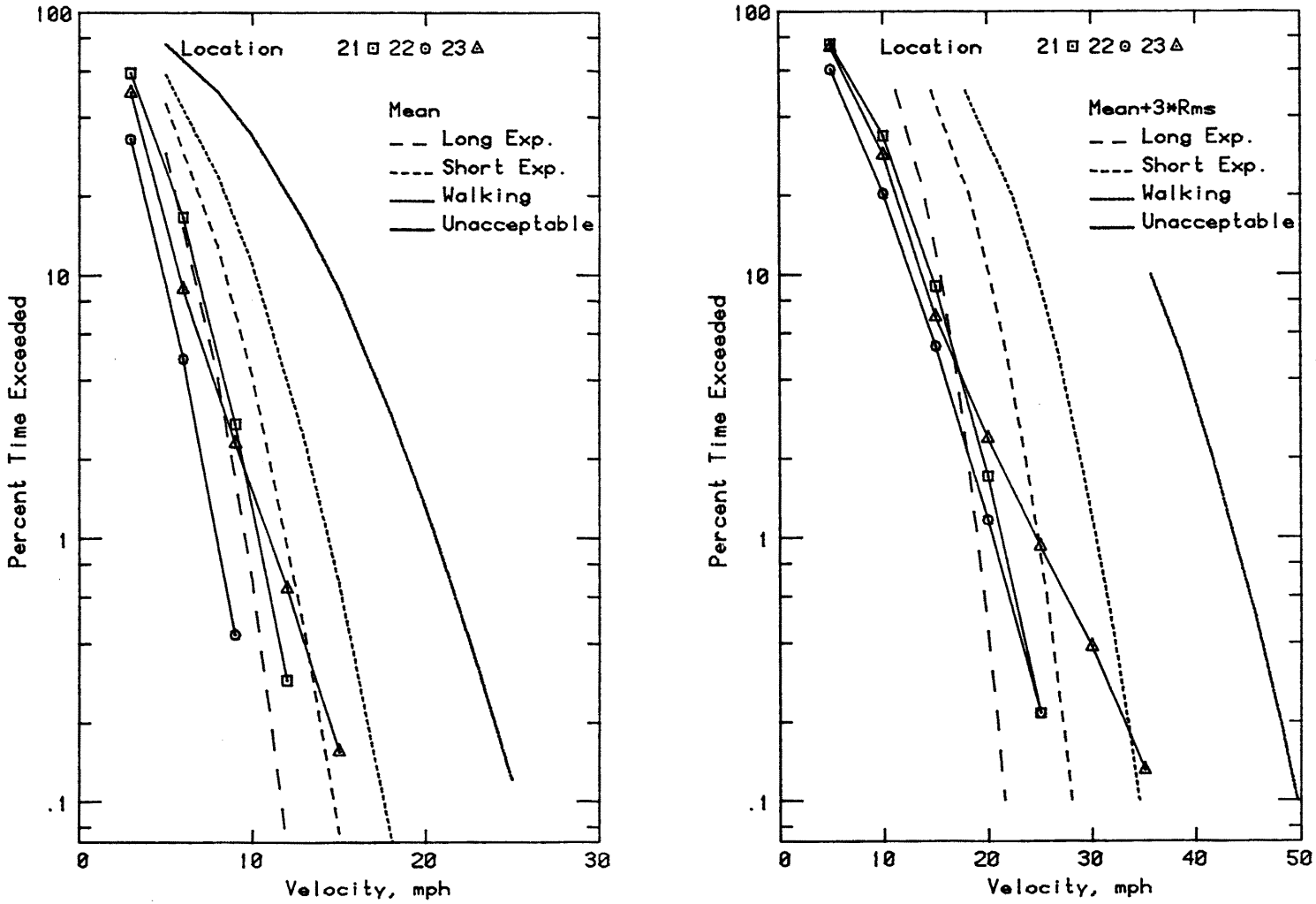


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

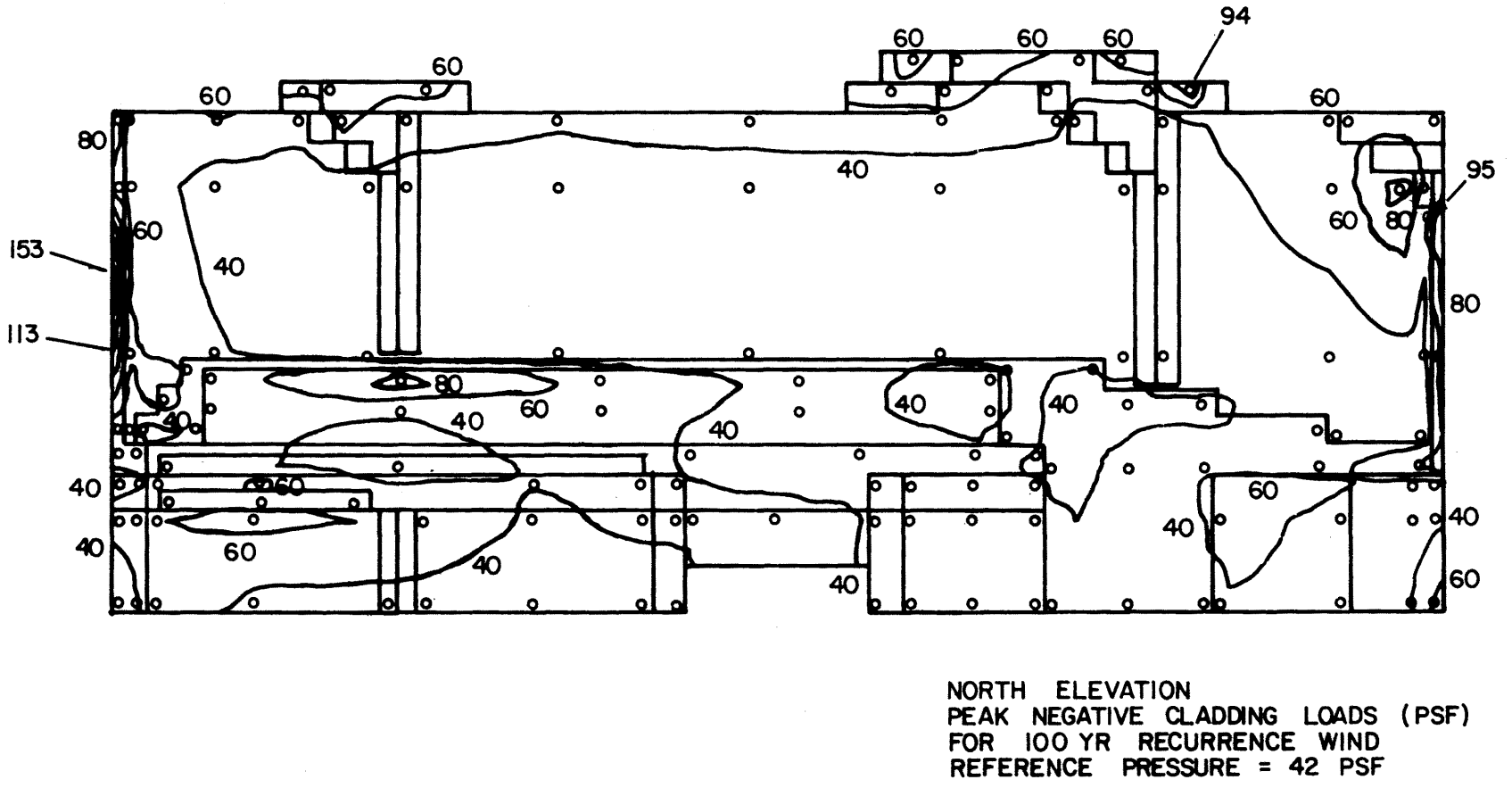
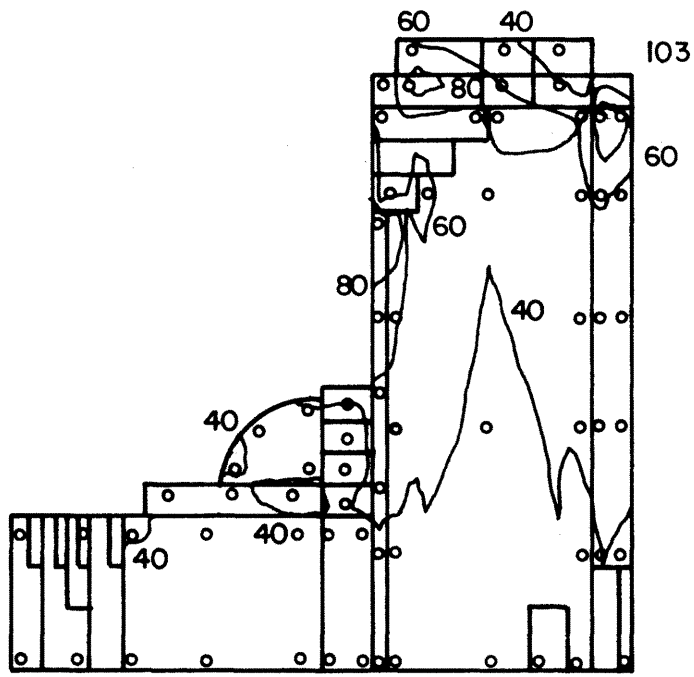


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads



WEST ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100 YR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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

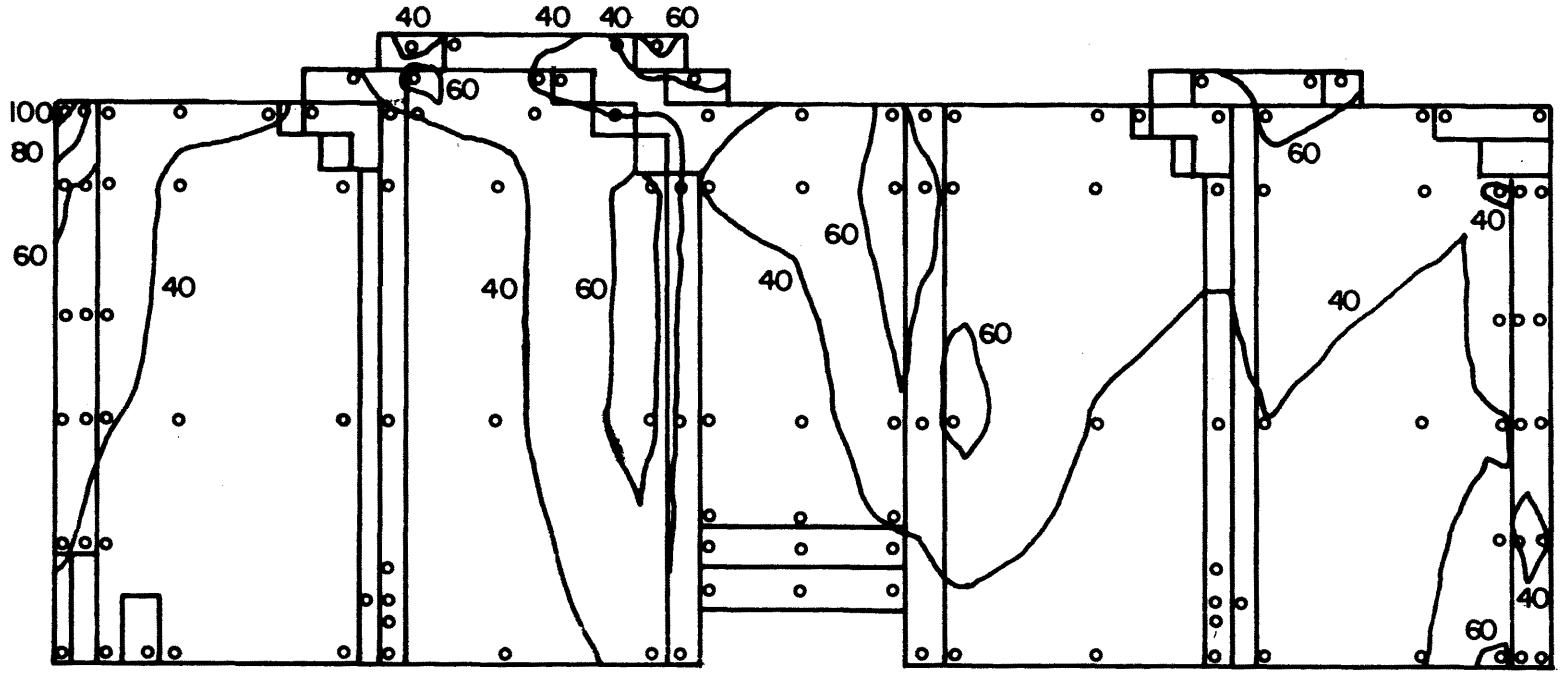
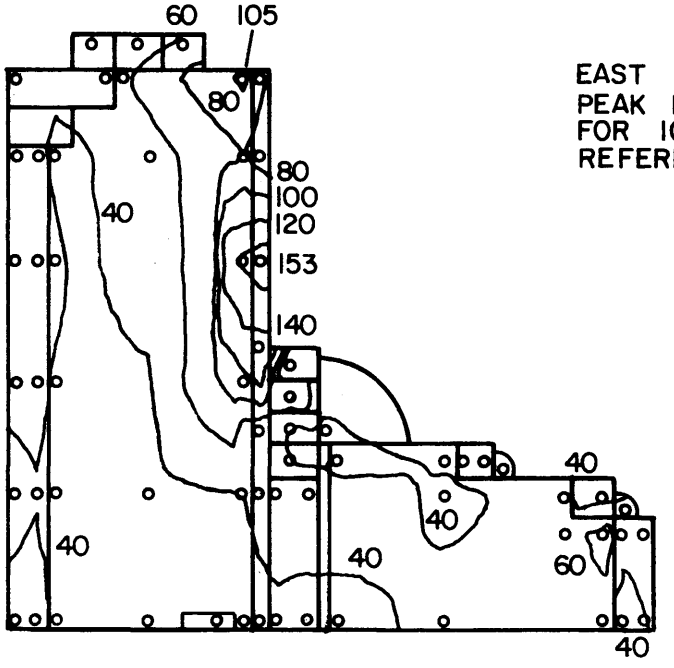


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads



EAST ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100 YR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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

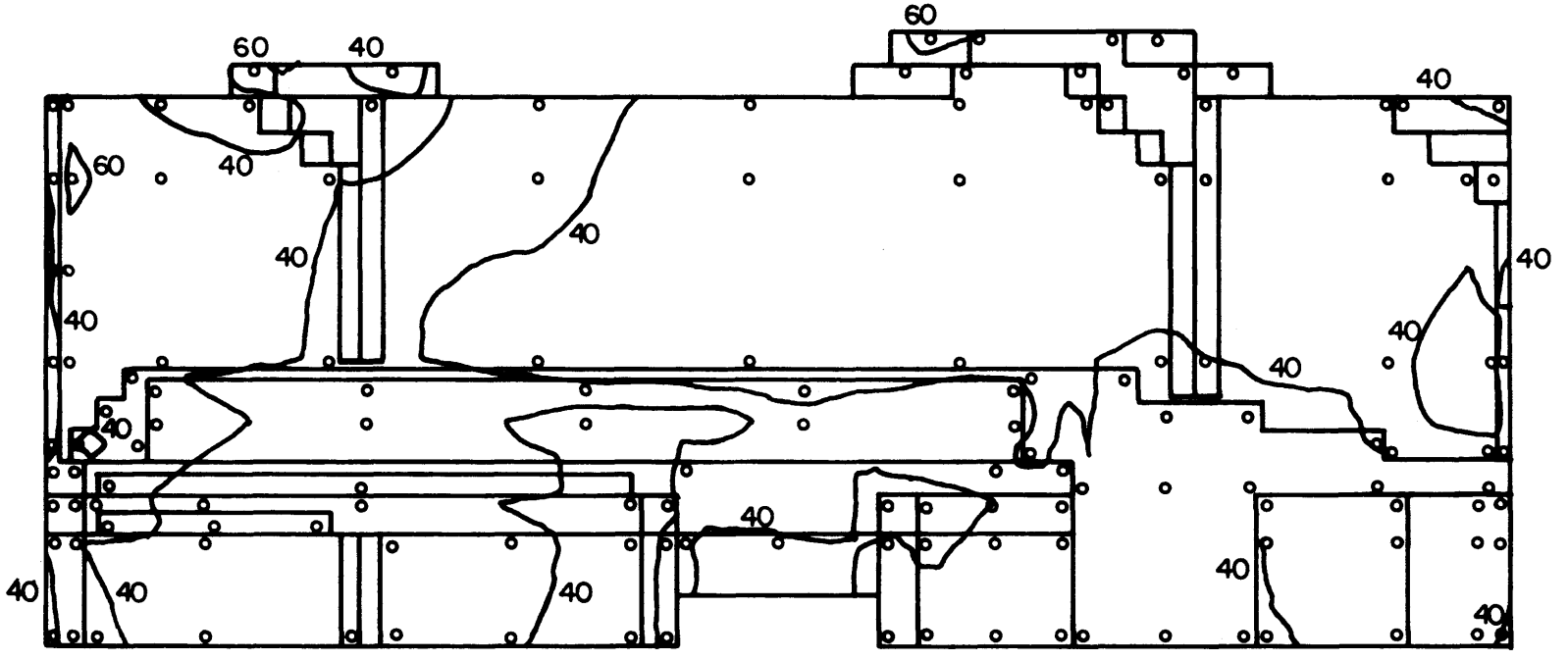
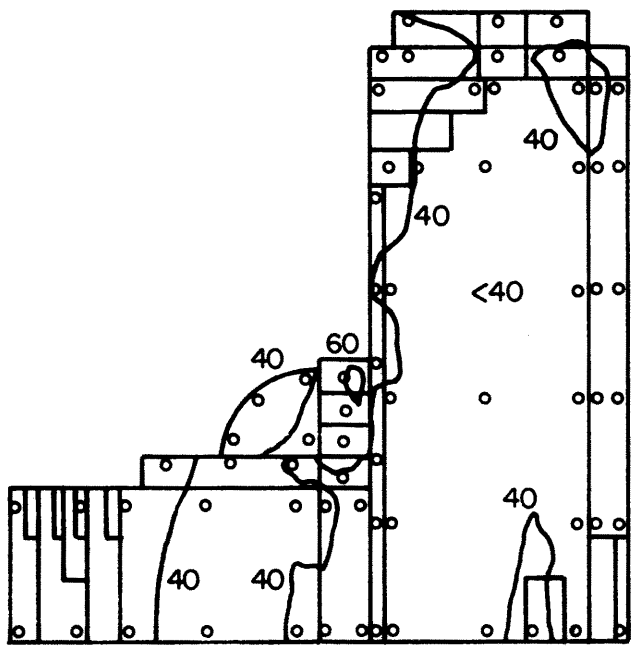


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads



WEST ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100 YR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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

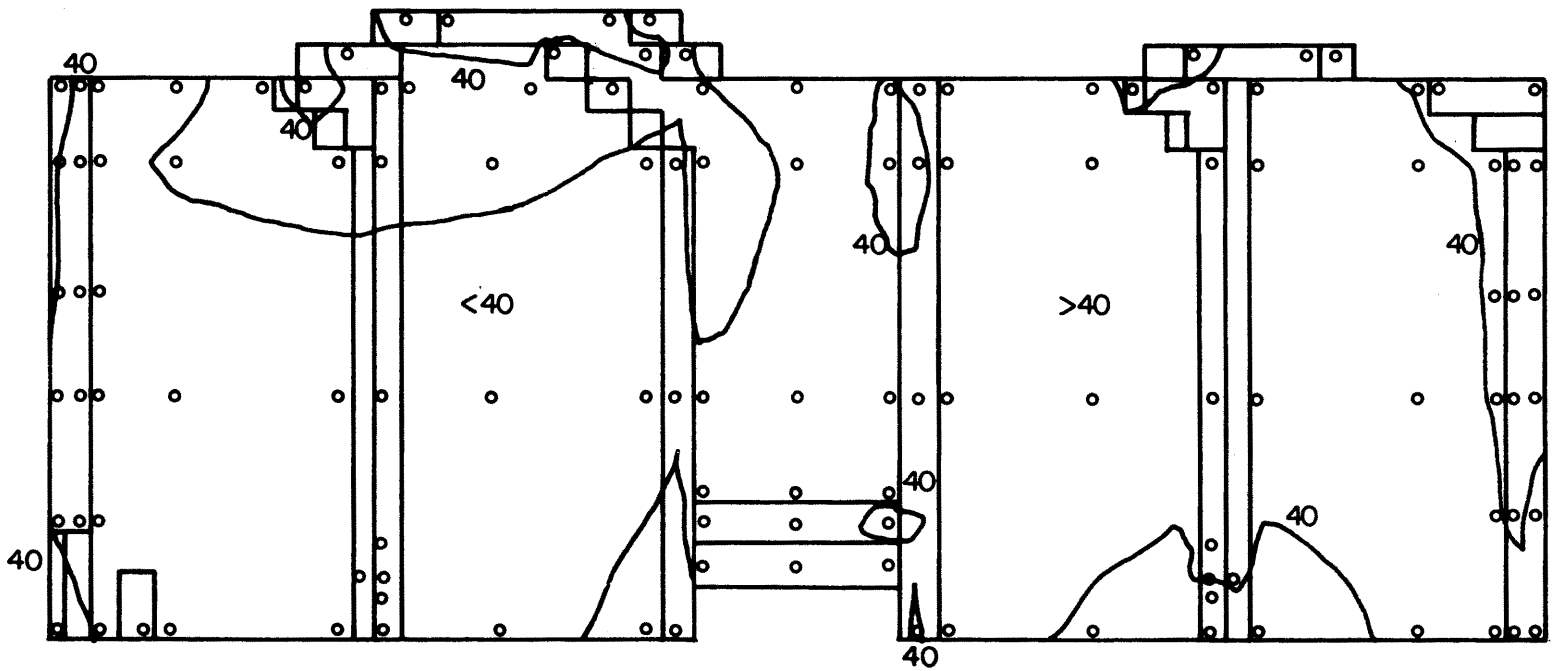


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads

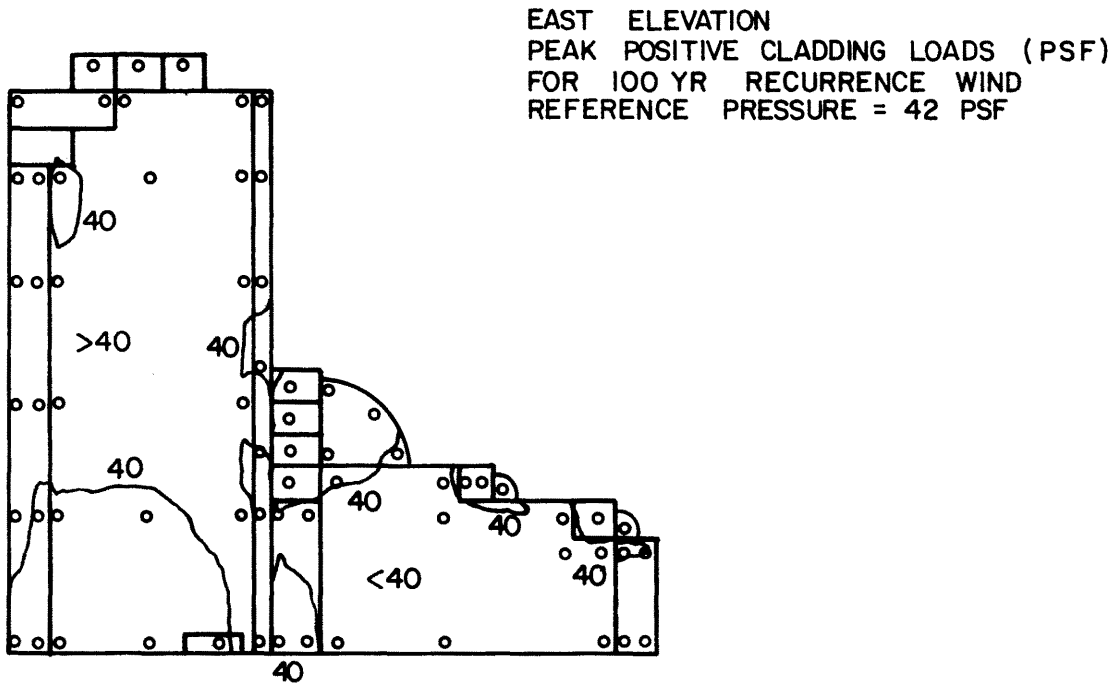


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

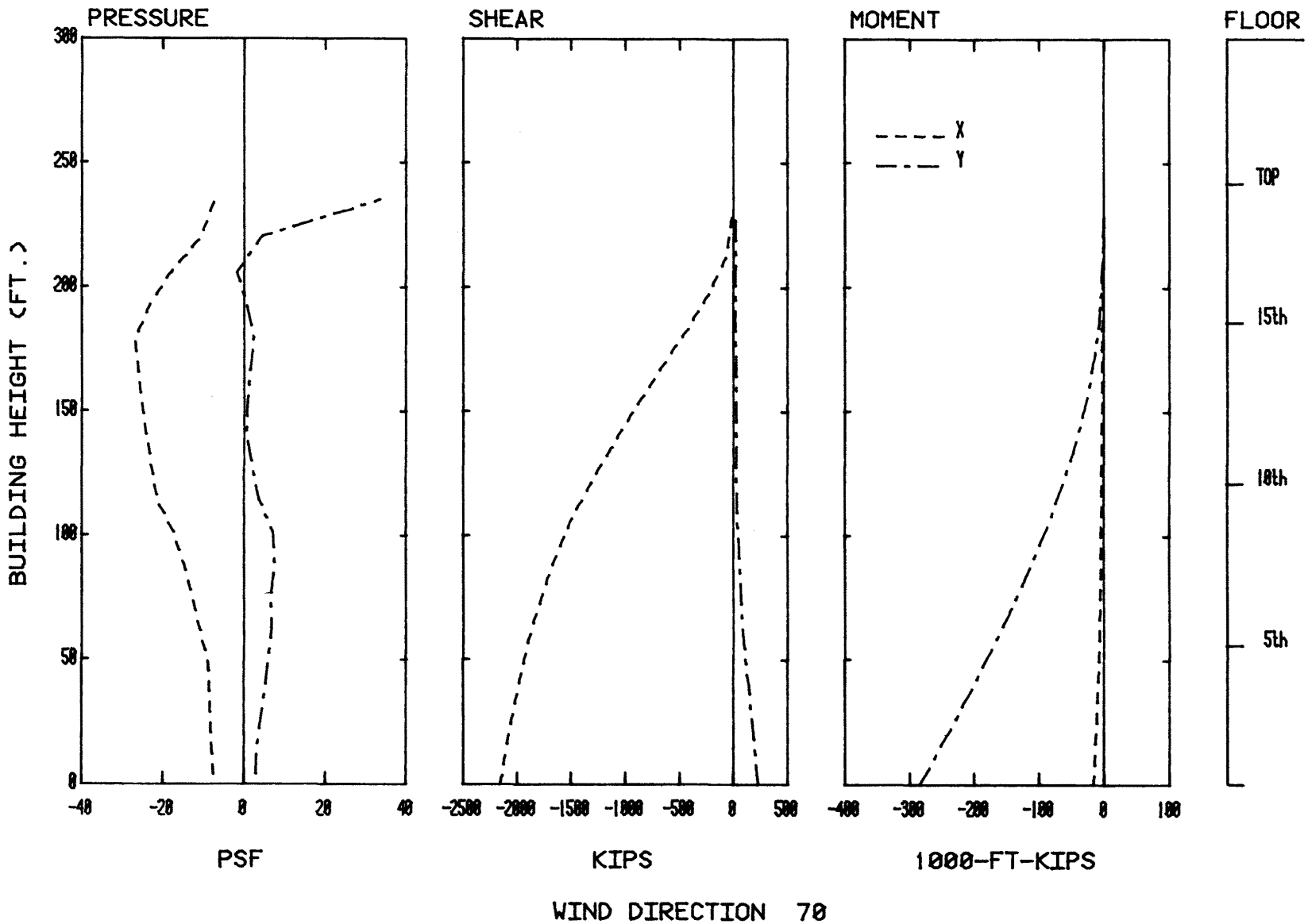


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

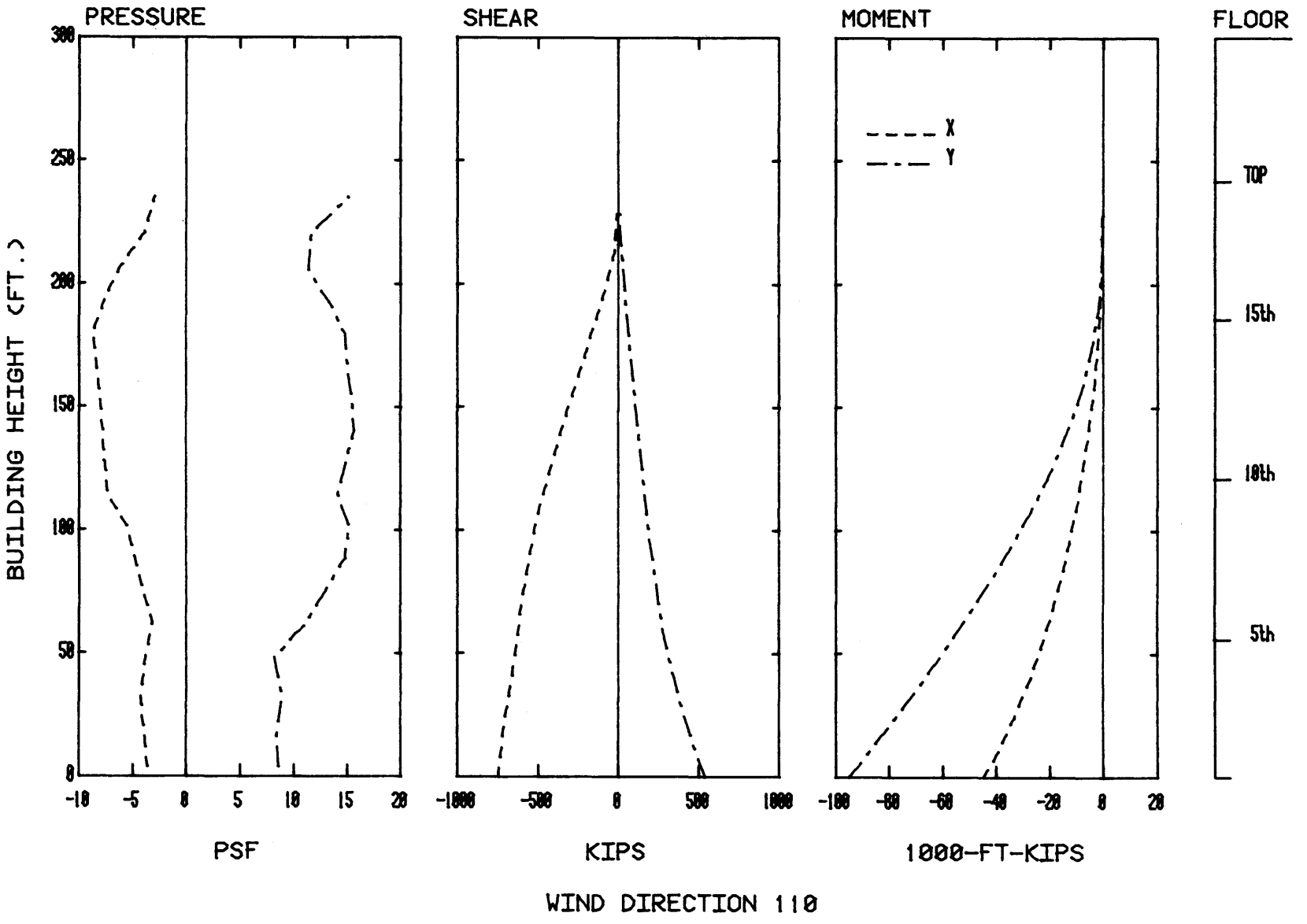


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction

2. Purposes for model testing

3. Procedures for conducting tests

4. Specific flow visualization scenes for Houston Center Place, Phase 4

High Pressure Areas

Run	Tap	Azimuth
1	920	40°
	524	
	525	
	526	

High Pedestrian Wind Velocities

Run	Pedestrian Location	Azimuth
2	1	180°
3	2	0°
4	17	45°

Vertical shots taken of smoke flow through passageway in center of building at $A_z = 0°$.

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	48.4	11.3	82.5
22.50	45.5	12.4	82.7
45.00	41.1	16.3	90.0
67.50	31.7	15.0	76.7
90.00	22.5	11.2	56.2
112.50	20.9	11.5	55.4
135.00	23.1	12.5	60.7
157.50	41.2	13.7	82.4
180.00	49.8	14.8	94.3
202.50	49.2	14.3	92.0
225.00	46.6	14.8	91.2
247.50	19.1	11.4	53.3
270.00	14.7	8.0	38.8
292.50	17.4	8.2	42.1
315.00	24.2	9.1	51.4
337.50	33.2	9.2	60.9

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	54.6	14.5	98.1
22.50	44.3	14.9	89.0
45.00	42.7	15.8	90.1
67.50	46.1	13.7	87.2
90.00	40.4	9.7	69.5
112.50	38.3	8.3	63.2
135.00	44.4	9.3	72.3
157.50	41.8	11.2	75.4
180.00	32.3	12.7	70.4
202.50	24.5	9.2	52.1
225.00	27.8	10.5	59.3
247.50	30.4	11.0	63.4
270.00	12.6	3.5	23.1
292.50	13.7	3.2	23.3
315.00	14.0	4.6	27.8
337.50	24.5	10.3	55.4

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	26.7	9.7	55.8
22.50	22.2	8.0	46.2
45.00	23.7	9.2	51.3
67.50	20.4	8.7	46.5
90.00	18.6	5.7	35.7
112.50	16.8	4.6	30.6
135.00	13.5	3.1	22.8
157.50	13.8	3.5	24.3
180.00	14.1	4.5	27.6
202.50	19.3	7.6	42.1
225.00	21.4	9.1	48.7
247.50	18.3	7.6	41.1
270.00	15.2	4.2	27.8
292.50	12.2	3.3	22.1
315.00	13.8	3.9	25.5
337.50	18.3	5.9	36.0

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.4	9.5	53.9
22.50	19.5	6.2	38.1
45.00	22.3	7.4	44.5
67.50	23.0	8.3	47.9
90.00	21.3	6.8	41.7
112.50	21.3	6.4	40.5
135.00	16.3	5.0	31.3
157.50	16.6	5.2	32.2
180.00	19.1	6.5	38.6
202.50	23.5	8.9	50.2
225.00	24.4	8.9	51.1
247.50	24.4	9.2	52.0
270.00	27.3	11.3	61.2
292.50	24.6	10.3	55.5
315.00	16.2	5.8	33.6
337.50	19.8	7.5	42.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.4	9.4	61.6
22.50	23.3	6.6	43.1
45.00	26.2	7.3	48.1
67.50	22.3	6.5	41.8
90.00	20.1	5.8	37.5
112.50	18.0	5.5	34.5
135.00	16.9	4.6	30.7
157.50	23.0	7.8	46.4
180.00	26.1	9.5	54.6
202.50	33.5	13.2	73.1
225.00	37.1	13.8	78.5
247.50	19.5	6.2	38.1
270.00	14.5	4.7	28.6
292.50	13.5	3.9	25.2
315.00	24.6	8.1	48.9
337.50	32.9	9.6	61.7

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.0	12.8	57.3
22.50	13.8	9.8	43.3
45.00	31.0	17.3	82.9
67.50	19.3	12.3	56.1
90.00	17.0	9.3	44.8
112.50	12.1	7.1	33.3
135.00	7.0	3.6	18.0
157.50	9.0	5.7	26.3
180.00	9.9	5.4	26.0
202.50	11.3	6.3	30.3
225.00	13.9	7.3	35.7
247.50	7.6	3.9	19.1
270.00	4.8	2.3	11.8
292.50	5.1	2.3	12.1
315.00	16.0	12.0	51.9
337.50	22.9	11.9	58.7

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.7	8.7	47.8
22.50	17.9	6.4	37.1
45.00	28.5	12.6	66.3
67.50	38.4	12.5	75.9
90.00	47.2	11.6	82.0
112.50	33.3	12.0	69.3
135.00	18.0	6.1	36.3
157.50	20.9	7.0	41.9
180.00	24.8	9.3	52.7
202.50	28.6	11.1	61.9
225.00	30.8	11.6	65.6
247.50	17.8	6.2	36.4
270.00	17.4	6.0	35.4
292.50	15.6	4.6	29.4
315.00	22.9	8.2	47.5
337.50	31.0	13.2	70.6

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.8	9.4	56.0
22.50	24.4	9.2	52.0
45.00	22.5	9.1	49.8
67.50	21.8	7.4	44.0
90.00	22.3	6.4	41.5
112.50	18.8	6.0	36.8
135.00	15.1	5.6	31.9
157.50	20.8	9.2	48.4
180.00	15.7	6.4	34.9
202.50	14.0	4.5	27.5
225.00	14.3	4.7	28.4
247.50	28.5	10.3	59.4
270.00	33.6	11.0	66.6
292.50	23.5	9.5	52.0
315.00	15.5	5.9	33.2
337.50	23.6	11.3	57.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.3	5.7	35.4
22.50	18.0	5.7	35.1
45.00	22.0	8.7	48.1
67.50	22.2	8.9	48.9
90.00	20.9	8.6	46.7
112.50	25.2	9.4	53.4
135.00	20.2	8.9	46.9
157.50	21.6	9.6	50.4
180.00	22.3	9.8	51.7
202.50	24.2	9.4	52.4
225.00	22.6	8.5	48.1
247.50	36.8	10.5	68.3
270.00	33.0	10.2	63.6
292.50	31.4	8.7	57.5
315.00	22.9	9.8	52.3
337.50	19.8	7.3	41.7

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.9	3.9	24.6
22.50	13.7	4.5	27.2
45.00	19.6	7.3	41.5
67.50	20.3	7.4	42.5
90.00	21.7	7.4	43.9
112.50	24.0	7.9	47.7
135.00	22.2	7.4	44.4
157.50	28.7	15.5	75.2
180.00	30.4	16.2	79.0
202.50	30.5	15.1	75.8
225.00	28.9	14.7	73.9
247.50	27.3	15.3	73.2
270.00	22.5	11.2	56.1
292.50	16.1	5.8	33.5
315.00	16.8	6.4	36.0
337.50	13.4	4.3	26.3

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	32.3	9.5	60.8
22.50	28.1	8.7	54.2
45.00	22.8	9.1	50.1
67.50	17.0	6.6	36.8
90.00	17.7	6.8	38.1
112.50	16.1	6.2	34.7
135.00	20.4	9.1	47.7
157.50	17.0	5.6	33.8
180.00	22.9	7.6	45.7
202.50	30.4	9.9	60.1
225.00	27.8	11.1	61.1
247.50	24.0	8.2	48.6
270.00	22.1	8.9	48.8
292.50	21.1	9.3	49.0
315.00	21.6	7.1	42.9
337.50	32.0	11.7	67.1

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.6	5.6	31.4
22.50	20.9	7.8	44.3
45.00	13.8	4.8	28.2
67.50	22.9	13.1	62.2
90.00	17.7	7.3	39.6
112.50	13.2	3.9	24.9
135.00	15.5	5.1	30.8
157.50	19.3	6.4	38.5
180.00	26.4	7.1	47.7
202.50	28.5	7.3	50.4
225.00	24.9	8.2	49.5
247.50	21.1	7.2	42.7
270.00	23.7	8.9	50.4
292.50	30.0	8.2	54.6
315.00	22.8	7.2	44.4
337.50	15.1	5.7	32.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.1	5.4	31.3
22.50	12.3	4.2	24.9
45.00	15.9	6.2	34.5
67.50	25.7	9.8	55.1
90.00	21.9	7.6	44.7
112.50	15.3	6.0	33.3
135.00	16.9	5.5	33.4
157.50	16.8	6.0	34.8
180.00	20.2	7.7	43.3
202.50	18.2	6.5	37.7
225.00	19.8	7.5	42.3
247.50	21.3	6.4	40.5
270.00	24.5	7.2	46.1
292.50	21.8	6.6	41.6
315.00	13.5	3.7	24.6
337.50	10.3	2.9	19.0

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.0	7.9	37.7
22.50	14.9	8.4	40.2
45.00	12.3	7.7	36.5
67.50	25.1	15.4	71.2
90.00	21.4	11.8	56.8
112.50	20.9	11.3	54.8
135.00	18.9	11.7	54.0
157.50	17.1	10.0	47.1
180.00	19.2	11.2	52.7
202.50	26.0	12.1	62.3
225.00	29.1	12.0	65.2
247.50	24.9	9.8	54.2
270.00	10.9	5.2	26.4
292.50	6.7	3.8	18.0
315.00	3.7	2.1	10.0
337.50			

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	5.9	3.3	15.9
22.50	8.1	4.5	21.7
45.00	11.6	7.1	33.1
67.50	18.3	9.1	45.5
90.00	23.3	9.3	51.3
112.50	24.6	9.2	52.1
135.00	11.4	6.4	30.7
157.50	7.1	5.9	24.8
180.00	8.5	7.3	30.4
202.50	15.5	9.1	42.9
225.00	29.6	10.2	60.1
247.50	37.3	12.0	73.3
270.00	26.9	8.5	52.3
292.50	29.4	8.3	54.2
315.00	13.1	5.5	29.7
337.50	5.4	3.1	14.7

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.0	4.1	19.3
22.50	8.0	3.9	19.8
45.00	12.3	7.1	33.6
67.50	20.9	12.3	57.9
90.00	38.1	19.4	96.3
112.50	41.8	18.5	97.2
135.00	21.9	13.2	61.6
157.50	14.6	8.3	39.4
180.00	19.1	9.3	46.8
202.50	20.0	10.1	50.3
225.00	20.3	10.4	51.7
247.50	13.3	8.7	39.4
270.00	7.2	4.6	20.8
292.50	9.0	5.9	26.7
315.00	6.1	3.1	15.3
337.50	6.5	3.2	16.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	20.3	10.4	51.7
22.50	45.2	14.5	88.6
45.00	51.5	12.7	89.6
67.50	41.8	12.2	78.4
90.00	31.4	11.4	65.7
112.50	19.0	9.0	46.1
135.00	23.4	9.3	51.4
157.50	28.8	10.5	60.4
180.00	36.7	10.3	67.6
202.50	20.8	11.9	56.6
225.00	15.6	9.5	44.2
247.50	15.6	8.6	41.5
270.00	18.5	9.3	46.2
292.50	18.5	10.6	50.4
315.00	15.6	10.2	46.3
337.50	12.1	7.3	34.0

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	6.5	3.4	16.8
22.50	5.3	2.8	13.8
45.00	4.9	2.4	12.2
67.50	11.5	8.8	38.0
90.00	9.3	5.9	27.1
112.50	7.0	4.1	19.4
135.00	20.2	11.7	55.4
157.50	25.1	12.5	62.5
180.00	25.1	15.7	72.1
202.50	13.1	9.4	41.4
225.00	9.6	5.0	24.4
247.50	8.3	4.7	22.3
270.00	10.5	5.5	27.2
292.50	12.7	6.3	31.8
315.00	9.5	4.1	21.7
337.50	6.2	3.0	15.3

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	4.8	1.8	10.3
22.50	6.0	2.8	14.4
45.00	11.1	6.9	31.8
67.50	16.1	9.6	44.9
90.00	15.5	8.2	40.1
112.50	20.0	9.5	48.6
135.00	20.3	9.8	49.6
157.50	20.8	9.6	49.7
180.00	29.4	12.9	68.1
202.50	29.1	18.1	83.4
225.00	35.1	14.4	78.3
247.50	31.5	11.5	65.9
270.00	24.1	10.1	54.3
292.50	15.6	8.1	40.0
315.00	9.1	4.7	23.3
337.50	4.9	1.6	9.6

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	38.9	11.4	73.0
22.50	32.9	10.6	64.7
45.00	35.6	11.3	69.7
67.50	28.3	11.7	63.4
90.00	38.8	9.0	65.7
112.50	21.1	8.9	47.7
135.00	16.9	7.0	37.8
157.50	18.0	8.1	42.4
180.00	25.8	8.9	52.4
202.50	27.1	12.2	63.8
225.00	23.7	9.7	52.7
247.50	31.9	9.6	60.9
270.00	20.1	7.8	43.6
292.50	16.2	6.5	35.6
315.00	13.4	6.8	33.8
337.50	14.5	7.7	37.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.3	11.1	66.7
22.50	27.7	9.8	57.1
45.00	29.2	10.0	59.2
67.50	23.6	12.6	61.5
90.00	26.6	9.3	54.6
112.50	17.9	7.7	41.0
135.00	15.4	8.3	40.2
157.50	19.1	9.2	46.5
180.00	28.9	7.8	52.3
202.50	25.1	10.6	57.0
225.00	24.2	10.4	55.5
247.50	29.4	6.5	48.8
270.00	21.7	7.3	43.6
292.50	18.6	5.7	35.6
315.00	8.2	4.5	21.8
337.50	8.6	5.2	24.2

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.6	8.9	40.4
22.50	22.3	13.0	61.3
45.00	27.3	13.8	68.7
67.50	26.6	12.2	63.1
90.00	20.9	10.3	51.9
112.50	14.2	7.9	38.0
135.00	14.7	8.9	41.4
157.50	12.5	7.4	34.7
180.00	11.1	6.0	29.0
202.50	12.2	7.1	33.7
225.00	20.2	11.5	54.6
247.50	11.0	7.2	32.5
270.00	5.9	2.8	14.3
292.50	5.6	2.6	13.5
315.00	4.6	1.9	10.3
337.50	5.7	2.9	14.4

LOCATION 23

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.1	9.3	45.0
22.50	42.4	17.6	95.3
45.00	21.8	12.4	59.1
67.50	19.2	12.1	55.5
90.00	19.5	12.4	56.8
112.50	12.4	7.9	36.2
135.00	14.1	8.0	38.2
157.50	17.6	7.2	39.1
180.00	27.7	7.3	49.6
202.50	19.1	9.6	47.8
225.00	12.8	6.1	31.1
247.50	13.0	6.9	33.6
270.00	12.0	6.4	31.1
292.50	14.4	7.3	36.5
315.00	15.6	7.5	38.1
337.50	17.8	7.8	41.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER PLACE, PHASE 4

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)					URMS/UINF (PERCENT)					UMEAN+3*RMS/UINF (PERCENT)				
LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS
2	0.0	54.6	14.5	98.1	16	90.0	38.1	19.4	96.3	2	0.0	54.6	14.5	98.1
17	45.0	51.5	12.7	89.6	16	112.5	41.8	18.5	97.2	16	112.5	41.8	18.5	97.2
1	180.0	49.8	14.8	94.3	19	202.5	29.1	18.1	83.4	16	90.0	38.1	19.4	96.3
1	202.5	49.2	14.3	92.0	23	22.5	42.4	17.6	95.3	23	22.5	42.4	17.6	95.3
1	0.0	48.4	11.3	82.5	6	45.0	31.0	17.3	82.9	1	180.0	49.8	14.8	94.3
7	90.0	47.2	11.6	82.0	1	45.0	41.1	16.3	90.0	1	202.5	49.2	14.3	92.0
1	225.0	46.6	14.8	91.2	10	180.0	30.4	16.2	79.0	1	225.0	46.6	14.8	91.2
2	67.5	46.1	13.7	87.2	2	45.0	42.7	15.8	90.1	2	45.0	42.7	15.8	90.1
1	22.5	45.5	12.4	82.7	18	180.0	25.1	15.7	72.1	1	45.0	41.1	16.3	90.0
17	22.5	45.2	14.5	88.6	10	157.5	28.7	15.5	75.2	17	45.0	51.5	12.7	89.6

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

HOUSTON, TEXAS INTERNATIONAL AIRPORT (1951-1960)

SEASON : ANNUAL NO. OF OBS.= 87672 HT. OF MEAS.= 87. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32-38	39-46	47 +	TOTAL
N	.26	.83	1.87	1.75	.61	.13	.01	.02	0.00	5.46
NNE	.23	.93	1.48	1.44	.54	.13	.05	0.00	0.00	4.80
NE	.25	1.05	2.08	1.44	.36	.11	.04	.01	.01	5.38
ENE	.30	1.24	2.80	2.16	.43	.11	.01	0.00	0.00	7.12
E	.33	1.18	2.30	1.23	.32	.11	.01	0.00	0.00	5.47
ESE	.41	1.87	3.09	2.27	.55	.15	.01	0.00	0.00	8.36
SE	.36	1.40	3.93	3.24	1.10	.21	.07	.06	0.00	10.36
SSE	.37	1.75	4.55	4.70	2.06	.34	.08	.06	0.00	13.92
S	.33	1.53	3.30	2.93	.90	.18	.04	0.00	0.00	9.21
SSW	.31	1.12	2.23	1.65	.52	.14	.03	0.00	0.00	5.99
SW	.28	.94	1.35	.74	.23	.10	.01	0.00	0.00	3.66
WSW	.25	.90	1.23	.66	.23	.07	.03	.01	0.00	3.40
W	.20	.67	.87	.39	.18	.08	.02	.01	0.00	2.40
WNW	.24	.78	1.17	.81	.39	.11	.03	.01	.01	3.56
NW	.20	.76	1.30	.96	.47	.12	.04	.03	.01	3.89
NNW	.22	.79	1.70	1.89	.78	.20	.04	.05	.04	5.70
CALM	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
TOT	5.97	17.73	35.25	28.26	9.67	2.29	.50	.26	.07	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

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

   100-yr fastest mile at 30 ft = 90 mph

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

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

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

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

   Use 42 psf

2. Loads for 50-yr recurrence wind:

   50-yr fastest mile at 30 ft = 76 mph

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

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

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

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

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
1	60	-1.80	-75.6	27.8	131	40	-1.39	-58.4	54.9	179	40	-.85	-35.9	25.7
2	70	-1.13	-47.3	40.4	132	10	1.02	-38.2	42.9	180	40	-1.42	-59.8	38.0
3	40	-1.38	-58.1	45.0	133	140	-1.51	-63.5	46.1	181	40	-1.56	-65.7	32.8
4	60	-1.58	-66.2	28.8	134	70	1.22	-42.2	51.2	182	60	-1.43	-59.9	25.5
5	80	-2.17	-91.0	25.4	135	90	.91	-26.5	38.2	183	50	-.89	-37.5	31.9
6	80	-1.84	-77.2	24.8	136	90	.88	-29.6	37.0	184	0	1.26	-44.5	53.0
7	80	1.00	-39.0	42.0	137	30	1.16	-28.2	48.6	185	40	-1.08	-45.2	34.3
8	60	-1.23	-51.5	29.0	138	40	1.23	-25.5	51.6	186	40	-1.18	-49.8	41.3
9	240	-1.28	-53.8	38.2	139	40	1.06	-26.2	44.7	187	10	-1.12	-47.0	40.4
10	220	-1.45	-60.9	22.2	140	10	.90	-27.8	38.0	188	30	-1.02	-43.0	40.2
11	80	-1.11	-46.5	34.8	141	10	.95	-28.2	40.0	189	110	.91	-29.6	38.1
12	70	-.93	-38.9	30.7	142	10	1.04	-30.4	43.9	190	40	1.03	-32.5	43.1
13	70	-1.35	-56.7	23.1	143	30	-.88	-36.8	27.5	191	90	.87	-34.0	36.6
14	70	-.86	-35.9	33.0	144	40	-1.40	-58.8	55.0	192	100	.88	-31.7	37.0
15	40	-1.36	-57.0	28.1	145	60	1.25	-35.2	52.3	193	60	-1.11	-46.8	39.8
16	40	-2.39	-100.5	25.6	146	10	-1.01	-42.6	35.4	194	90	-.84	-35.1	30.4
17	180	1.03	-41.1	43.4	147	40	-1.76	-73.7	51.3	195	270	-.82	-34.2	29.8
18	20	1.18	-35.4	49.8	148	40	-1.25	-52.4	31.2	196	270	-.86	-36.0	31.0
101	90	-1.87	-78.4	60.2	149	20	-.98	-41.2	32.5	197	30	-1.40	-58.8	42.8
102	30	-1.18	-49.4	46.5	150	100	1.03	-40.7	43.1	198	20	-.82	-34.4	32.5
103	60	-1.48	-62.1	60.3	151	340	-.77	-32.2	27.5	199	40	-.79	-33.2	30.7
104	70	-1.57	-65.9	27.3	152	60	1.41	-41.8	59.1	200	240	.87	-32.2	36.4
105	80	-1.68	-70.5	47.8	153	0	1.15	-25.8	48.4	201	240	.92	-27.4	38.4
106	70	1.04	-42.2	43.7	154	0	.96	-39.7	40.2	202	0	1.16	-30.0	48.6
107	70	-1.07	-44.9	44.9	155	0	.99	-27.6	41.5	203	10	.85	-26.7	35.7
108	60	1.36	-49.1	57.0	156	340	1.02	-28.1	42.9	204	10	.84	-27.2	35.4
109	270	-1.46	-61.1	36.6	157	20	.88	-29.8	36.9	205	70	.82	-33.4	34.5
110	20	-1.06	-44.3	31.6	158	30	.96	-27.5	40.3	206	60	.96	-26.0	40.4
111	260	-1.62	-68.2	39.5	159	90	.88	-36.3	36.8	207	190	.87	-27.8	36.6
112	20	-1.16	-48.8	45.7	160	320	-.93	-38.9	24.0	208	340	.76	-26.2	32.1
113	260	-1.00	-42.1	34.2	161	50	-1.41	-59.1	40.3	209	50	.71	-25.3	29.8
114	160	-1.24	-52.3	48.0	162	350	-.69	-29.0	27.5	210	50	.96	-24.9	40.2
115	70	-1.31	-55.0	47.3	163	70	.84	-26.0	35.2	211	110	.98	-39.4	41.4
116	40	1.08	-43.4	45.3	164	0	-.72	-30.2	29.8	212	150	.85	-35.7	35.8
117	60	1.18	-35.2	49.5	165	340	-1.58	-66.4	30.8	213	270	-.84	-35.3	33.1
118	80	1.44	-33.8	60.4	166	60	1.11	-41.6	46.6	214	40	-1.46	-61.2	41.3
119	340	-1.45	-60.9	47.6	167	30	-1.54	-64.8	33.9	215	350	-1.23	-51.5	40.8
120	60	1.51	-54.4	63.3	168	50	-.97	-40.6	30.5	301	40	-1.58	-66.5	41.4
121	80	1.22	-29.4	51.2	169	0	1.00	-40.4	41.9	302	40	-1.13	-47.3	33.0
122	80	.96	-33.6	40.3	170	10	1.26	-44.1	52.9	303	80	-.72	-30.4	30.3
123	80	.96	-31.0	40.2	171	50	-1.00	-42.0	41.5	304	40	-2.24	-94.2	54.4
124	10	.83	-31.7	35.0	172	60	1.08	-29.5	45.4	305	50	-1.37	-57.5	35.9
125	30	1.32	-25.5	55.4	173	70	1.05	-36.3	44.2	306	270	1.07	-36.4	44.9
126	40	1.42	-25.6	59.6	174	70	.98	-30.6	40.4	307	70	-1.40	-58.9	44.7
127	70	1.15	-33.0	48.5	175	60	.77	-31.3	32.3	308	260	-1.29	-54.2	36.7
128	10	1.13	-29.9	47.6	176	50	-1.51	-63.4	32.9	309	350	-1.78	-74.6	25.6
129	10	1.23	-50.7	51.9	177	60	-.98	-41.4	29.1	310	230	-1.41	-59.2	48.5
130	10	-1.92	-80.6	48.4	178	260	-.78	-32.8	29.8	311	340	-2.45	-103.0	49.0

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

HOUSTON CENTER PLACE, PHASE 4
REFERENCE PRESSURE = 42.0 PSF

TAP	AZIMUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
312	10	-2.05	-86.1	32.6
313	50	-1.35	-56.9	54.7
314	210	-1.54	-64.8	38.4
315	20	-1.01	-42.6	21.6
316	270	-1.40	-58.9	36.6
317	340	-1.49	-62.5	39.5
318	210	-1.30	-54.6	29.2
319	20	-2.27	-95.1	43.6
320	10	-1.64	-68.7	38.5
321	10	-1.46	-61.5	36.6
322	210	-1.10	-46.2	32.2
323	320	-1.25	-52.4	38.2
324	330	-1.23	-51.5	27.6
325	10	-1.38	-57.9	48.5
326	30	-.92	-38.8	35.5
327	60	-.96	-40.5	37.3
328	0	1.42	-40.3	59.6
329	20	-1.31	-55.0	33.3
330	60	-.80	-33.6	23.3
331	230	-1.08	-45.5	27.8
332	320	-1.19	-49.9	33.8
333	220	-1.10	-46.0	28.8
334	10	1.37	-28.1	57.7
335	30	-1.01	-42.5	32.4
336	350	1.11	-27.7	46.4
337	350	1.23	-28.4	51.8
338	10	-1.18	-49.7	39.9
339	0	-.99	-41.4	37.0
340	50	-.86	-36.1	26.1
341	50	-.72	-30.2	27.2
342	180	-.98	-41.3	33.6
343	330	1.04	-38.6	43.6
344	350	1.01	-27.9	42.4
345	350	1.10	-27.9	46.4
346	10	-.85	-35.7	27.8
347	320	-.80	-28.3	33.6
348	50	-.65	-27.5	23.3
349	260	-.79	-31.0	33.0
350	330	-.98	-41.0	35.6
351	330	-.92	-38.8	27.2
352	270	-.83	-34.2	30.6
353	260	-.72	-30.2	30.6
354	350	-.69	-27.2	28.8
355	350	1.40	-25.4	58.6
356	350	.90	-27.6	37.6
357	350	.82	-28.0	34.5
358	130	.72	-27.7	30.9
359	340	.74	-27.9	30.9
360	130	.72	-27.2	30.3
361	130	.63	-25.3	26.5
362	260	1.35	-55.3	56.8
363	260	1.37	-56.2	57.4
364	350	-.91	-38.2	37.4
365	350	.88	-28.1	37.1
366	340	1.05	-36.3	44.1
367	60	-1.24	-52.2	39.0
368	100	-.82	-34.5	33.9
369	220	-.98	-41.0	28.5
370	220	-1.13	-47.3	26.8
371	270	-.70	-29.6	26.1
372	210	-.60	-25.1	23.5
373	60	.93	-24.3	38.9
374	300	.84	-26.5	35.1
375	300	.72	-24.2	30.1
376	300	.67	-27.1	28.7
377	190	-.67	-27.1	28.0
401	240	-1.16	-48.6	34.9
402	80	-1.86	-36.2	34.5
403	260	-1.53	-64.1	40.7
404	190	.94	-28.0	39.3
405	190	1.08	-32.9	45.5
406	70	-.91	-38.1	35.3
407	270	-1.24	-52.2	26.0
408	270	-1.80	-75.7	41.4
409	320	-1.21	-50.8	34.3
410	320	-1.17	-49.1	36.0
411	140	1.13	-43.4	47.6
412	110	-.85	-35.8	33.1
413	230	1.09	-36.1	45.9
414	230	1.01	-41.5	42.5
415	80	-1.09	-45.7	42.3
416	190	1.14	-39.5	48.0
417	190	.97	-38.9	40.9
418	80	-.98	-41.2	34.0
419	60	-1.59	-66.7	41.6
420	60	-1.16	-48.8	37.7
421	220	-1.34	-56.1	32.6
422	80	-1.32	-55.6	32.4
423	170	1.20	-48.8	50.4
424	170	-.90	-37.8	24.5
425	250	-1.58	-66.2	21.9
426	60	-1.23	-51.8	41.9
427	350	-1.42	-59.5	34.9
428	220	1.03	-32.0	43.1
429	220	1.13	-31.7	47.3
430	220	1.09	-31.7	45.9
431	210	1.04	-34.0	43.7
432	100	-1.65	-69.1	38.1
433	90	-.92	-38.1	35.5
434	230	1.15	-41.1	44.8
435	90	-1.08	-45.5	38.1
436	80	-1.68	-70.6	41.5
437	80	-1.58	-66.3	44.1
438	200	-1.27	-53.3	39.0
439	80	-1.28	-55.1	33.9
440	80	-1.07	-45.1	32.3
441	250	-1.22	-51.1	38.5
442	60	-1.06	-44.7	31.4
443	180	1.06	-38.7	44.2
444	340	-1.16	-48.8	38.3
445	70	-1.20	-50.1	34.3
446	0	-1.00	-41.9	32.3
447	340	.82	-34.5	32.4
448	70	.71	-29.9	26.7
449	60	.71	-29.9	26.7
450	60	.79	-33.0	27.2
451	70	-1.68	-70.7	27.8
452	190	.91	-27.8	38.5
453	190	.91	-29.8	38.5
454	220	.86	-28.8	36.1
455	70	-1.42	-59.8	35.1
456	70	-1.16	-48.8	32.1
457	220	-1.62	-68.1	32.6
458	70	.90	-37.8	37.8
459	70	.75	-31.6	31.6
460	70	.96	-40.0	32.1
461	170	.76	-32.0	31.8
462	170	.99	-37.6	41.6
463	220	.79	-33.0	33.2
464	210	.90	-26.6	37.8
465	70	-1.02	-43.0	32.4
466	340	.79	-33.5	33.2
467	230	.86	-28.8	36.1
468	200	.95	-28.8	39.9
469	200	1.13	-28.3	47.6
470	230	-1.03	-43.1	43.2
471	70	.74	-32.6	31.2
472	190	.88	-26.6	37.2
473	170	.80	-26.6	33.6
474	170	.94	-22.9	39.6
475	70	.77	-22.9	32.4
476	230	.89	-22.6	37.6
477	170	.79	-22.6	33.2
478	170	.89	-22	37.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
479	230	-.89	-37.4	36.3
480	220	.72	-26.7	30.4
481	60	1.20	-28.2	50.3
482	350	-.83	-35.0	26.2
483	0	-.72	-30.2	25.5
484	270	.75	-27.5	31.4
485	200	.76	-27.7	31.7
486	170	.72	-29.1	30.4
487	220	.74	-27.8	31.2
488	70	-1.13	-47.5	46.4
489	160	1.13	-28.1	47.5
490	200	.97	-30.2	40.9
491	260	-.71	-29.8	29.4
492	60	1.04	-29.4	43.5
493	60	1.22	-30.9	51.4
494	60	1.25	-31.5	52.7
495	100	-.91	-38.1	34.9
496	120	-1.63	-68.3	39.2
501	280	-1.63	-68.6	47.8
502	280	-1.57	-65.8	45.2
503	60	1.63	-52.8	68.3
504	240	-1.02	-42.9	27.9
505	70	-1.31	-55.1	52.8
506	40	-1.16	-48.6	48.4
507	100	-1.26	-53.1	46.0
508	60	-1.55	-64.9	53.6
509	70	-1.63	-68.4	48.4
510	190	1.30	-50.7	54.7
511	160	1.33	-47.9	55.8
512	40	-1.40	-58.7	41.4
513	20	-2.51	-105.2	41.9
514	40	-2.07	-86.8	51.0
515	190	1.07	-42.8	44.9
516	110	-1.29	-54.3	46.9
517	230	.85	-33.1	35.8
518	110	1.26	-52.2	53.0
519	50	-1.91	-80.2	49.7
520	50	-1.61	-67.8	47.4
521	190	1.13	-44.8	47.3
522	100	-1.33	-55.8	43.0
523	40	-1.11	-46.7	42.2
524	40	-3.45	-144.8	41.6
525	40	-3.65	-153.1	41.1
526	40	-2.68	-112.5	38.4
527	170	1.08	-44.1	45.3
528	160	1.10	-44.7	46.0
529	160	1.13	-37.5	47.6
530	130	1.12	-38.8	47.2
531	40	-2.29	-96.4	50.6
532	40	-1.26	-53.0	48.1
533	60	1.30	-53.2	54.7
534	40	-1.27	-53.5	47.8
535	40	-1.63	-68.5	49.6
536	40	-1.16	-48.9	39.4
537	130	1.08	-39.1	45.2
538	70	1.20	-36.2	50.2
539	40	-1.18	-49.5	36.9
540	130	1.04	-39.5	43.7
541	130	.96	-32.1	40.1
542	10	-1.02	-42.9	38.2
543	40	-1.21	-50.8	44.6
544	60	1.19	-47.2	50.2
545	60	1.11	-41.3	46.6
546	170	1.10	-36.1	46.1
547	100	-.94	-39.3	37.0
548	140	.91	-34.0	38.1
549	130	.89	-36.5	37.6
550	190	1.05	-39.5	44.2
551	40	-1.18	-49.5	36.0
552	40	-1.19	-49.8	39.1
553	40	-1.35	-56.7	37.7
554	40	-.85	-35.7	34.5
555	30	-1.14	-48.0	33.5
556	100	1.06	-33.7	44.6
557	70	1.16	-36.7	48.9
558	20	-1.11	-46.7	38.8
559	40	-1.10	-46.2	33.0
560	50	-1.67	-70.1	32.5
561	40	-1.18	-49.5	41.5
562	40	-1.19	-50.2	40.7
563	40	-1.07	-45.1	32.9
564	110	-1.11	-46.6	35.8
565	150	.89	-34.8	37.6
566	150	.95	-33.5	39.9
567	130	.85	-32.5	35.8
568	130	1.08	-29.2	45.2
569	140	.79	-30.3	33.3
570	130	1.03	-36.7	43.2
571	130	1.02	-30.1	43.0
572	150	.80	-32.7	33.6
573	30	-1.11	-46.4	37.1
574	40	-1.20	-50.3	29.1
575	150	.98	-25.0	41.2
576	60	1.24	-38.1	52.1
577	60	.94	-29.3	39.3
578	40	-.79	-33.2	27.5
579	50	.95	-32.0	40.1
580	50	.89	-26.3	37.3
581	50	.80	-27.6	33.5
582	80	.85	-32.8	35.5
583	40	-.72	-30.0	27.2
584	20	-.64	-27.0	25.7
585	50	-1.19	-49.9	33.8
586	30	1.31	-26.9	55.1
901	40	-1.05	-44.2	42.2
902	60	-.87	-36.4	36.2
903	290	-1.06	-44.5	28.5
904	60	-1.02	-42.9	22.1
905	300	-1.06	-44.6	24.0
906	70	-1.38	-57.9	27.0
907	290	-.91	-38.3	33.0
908	50	-1.12	-47.2	23.4
909	70	-1.19	-49.9	16.3
910	20	-1.33	-55.9	21.7
911	30	-1.22	-51.3	25.7
912	50	-1.34	-56.1	22.3
913	70	-1.30	-54.4	23.0
914	40	-1.36	-57.0	30.0
915	50	-2.21	-93.0	25.8
916	60	-1.53	-64.4	22.5
917	70	-1.20	-50.4	48.3
918	50	-2.20	-92.3	30.9
919	80	-1.43	-60.0	23.9
920	40	-2.70	-113.4	44.4
921	100	1.17	-40.4	49.1
922	40	-1.30	-54.7	51.3
923	60	1.35	-46.3	56.6
924	70	1.36	-48.7	57.0
925	90	.92	-26.2	38.7
926	40	1.37	-25.5	57.4
927	60	1.19	-36.1	50.0
928	0	.99	-39.7	41.6
929	0	1.18	-39.0	49.4
930	10	-.90	-37.9	36.1
931	40	-1.59	-66.8	48.6
932	50	-1.16	-48.8	40.6
933	50	-1.53	-64.3	30.2
935	30	1.21	-25.4	50.8
936	330	-1.24	-52.0	40.0
937	350	-1.40	-58.6	34.5
938	40	-1.23	-51.8	43.4
939	50	-2.18	-91.5	30.2
940	50	-1.26	-53.0	33.9
941	40	.99	-35.4	41.7

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.9 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
942	330	-1.10	-46.2	34.1	957	50	.76	-27.8	32.1	972	10	-1.59	-66.8	26.4
943	100	1.12	-42.3	47.2	958	50	-.88	-37.1	24.6	973	10	-.83	-34.8	28.2
944	50	-1.01	-42.3	31.3	959	340	-1.07	-44.8	25.7	974	330	-.77	-32.4	24.0
945	40	-1.26	-52.9	46.4	960	50	-1.22	-51.1	44.2	975	100	-1.43	-60.2	25.5
946	30	.91	-30.4	38.4	961	50	-.67	-28.3	22.6	976	80	-1.00	-42.2	33.9
947	330	-1.24	-52.1	32.5	962	60	-1.25	-52.5	42.0	977	60	.86	-34.0	36.0
948	50	-.88	-37.1	35.1	963	0	.87	-28.3	36.6	978	50	-1.25	-52.4	51.9
949	90	.79	-32.5	33.0	964	40	.86	-28.6	36.3	979	30	-1.34	-56.1	28.8
950	20	.80	-29.0	33.7	965	70	1.15	-38.5	48.3	980	10	-1.24	-51.9	22.2
951	40	.88	-28.3	37.0	966	40	-1.69	-70.8	36.2	981	230	-.96	-40.4	21.8
952	320	-.95	-39.9	31.6	967	40	-.94	-39.5	24.8	982	0	-1.00	-41.9	40.8
953	160	.69	-26.8	29.0	968	0	-1.30	-54.6	31.2	983	80	.91	-37.6	38.2
954	0	-1.07	-45.1	26.9	969	10	-.95	-40.1	28.4	984	220	-.96	-40.3	29.7
955	70	.76	-26.6	32.0	970	30	-1.88	-78.8	29.3	985	20	.86	-25.8	36.0
956	0	-.96	-40.2	26.4	971	50	-1.17	-49.1	26.6	986	70	1.31	-41.5	55.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
525	40	-3.65	-153.1	41.1
524	40	-3.45	-144.8	41.6
920	40	-2.70	-113.4	44.4
526	40	-2.68	-112.5	38.4
513	20	-2.51	-105.2	41.9
311	340	-2.45	-103.0	49.0
16	40	-2.39	-100.5	25.6
531	40	-2.29	-96.4	50.6
319	20	-2.27	-95.1	43.6
304	40	-2.24	-94.2	54.4
915	50	-2.21	-93.0	25.8
918	50	-2.20	-92.3	30.9
939	50	-2.18	-91.5	30.2
5	80	-2.17	-91.0	25.4
514	40	-2.07	-86.8	51.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 HOUSTON CENTER PLACE PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
311	344	-1.65	-69.5	34.1	524	44	-3.04	-127.5	21.6	526	38	-2.67	-112.3	35.6
513	52	-1.91	-80.2	26.3	525	34	-3.21	-134.9	39.1	920	58	-2.99	-125.6	55.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : HOUSTON CENTER PLACE, PHASE 4
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 6 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
525	34	-3.21	-134.9	39.1
524	44	-3.04	-127.5	21.6
920	58	-2.99	-125.6	55.9
526	38	-2.67	-112.3	35.6
513	52	-1.91	-80.2	26.3
311	344	-1.65	-69.5	34.1

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : HOUSTON CENTER PLACE, PHASE 4
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 42.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG. PSF LOAD
920	40	-113.4	50	-125.6

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : HOUSTON CENTER PLACE, PHASE 4
CONFIGURATION A REFERENCE PRESSURE 42.0 GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-666.1	-136.2	1.4	-70.9	89.0	-13	-44
10	-942.4	-120.1	.7	-98.2	102.8	-7	-37
20	-1008.0	-117.1	4.0	-120.2	88.9	-5	-30
30	-1020.5	-36.1	3.4	-127.7	83.2	-1	-21
40	-1208.4	9.0	1.0	-157.9	43.0	0	-12
50	-1535.5	112.6	-6.2	-202.6	-10.0	-0	2
60	-2057.6	163.8	-9.0	-267.9	-49.6	-1	7
70	-2151.8	228.4	-16.0	-283.7	-64.6	-2	10
80	-2023.6	342.1	-25.1	-268.1	-78.0	-3	13
90	-1728.5	413.0	-33.1	-220.2	-71.9	-5	14
100	-1365.1	515.8	-41.9	-170.5	-44.6	-5	10
110	-745.2	540.9	-44.7	-95.0	-39.2	-12	12
120	-11.6	492.5	-41.5	-8.5	-13.7	-14	0
130	350.6	377.7	-31.5	36.9	41.2	29	19
140	583.9	315.7	-25.9	66.1	80.9	29	37
150	634.0	226.0	-18.6	74.0	84.2	21	41
160	632.5	223.7	-18.0	72.3	70.7	18	34
170	741.3	204.0	-17.3	80.3	53.2	9	23
180	782.2	178.8	-17.8	88.1	26.3	4	11
190	864.1	115.4	-16.1	104.0	-26.0	-2	-10
200	881.9	79.3	-16.3	112.8	-88.7	-4	-34
210	876.5	57.1	-16.7	112.2	-142.5	-5	-56
220	971.0	13.7	-13.9	122.4	-170.8	-1	-61
230	891.0	-2.7	-10.6	110.7	-174.3	0	-67
240	846.0	-65.2	-2.3	104.4	-170.4	8	-69
250	779.4	-126.0	7.5	90.1	-175.4	18	-76
260	638.5	-147.3	12.7	72.6	-142.5	24	-73
270	459.6	-90.3	9.2	49.7	-99.8	21	-72
280	383.2	-11.3	1.8	40.6	-74.0	3	-67
290	344.4	32.1	-4.9	34.7	-59.9	-8	-59
300	131.5	51.8	-7.3	11.4	-38.9	-50	-88
310	-33.5	-20.0	-3.7	-8.9	1.9	-13	-15
320	-61.8	-82.2	.6	-11.8	37.3	-145	-75
330	-147.9	-152.1	3.2	-20.6	51.5	-87	-58
340	-270.8	-149.6	3.9	-32.5	61.9	-48	-60
350	-532.4	-153.6	1.8	-55.9	62.8	-16	-38

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										-666.1	-136.2	1.4	-70.9	89.0
GRND	0.00	-19.4	-15.8	4000	5380	-4.8	-2.9	-3	-3	-646.7	-120.4	.4	-65.6	88.7
2ND	8.00	-48.1	-35.8	8320	9672	-5.8	-3.7	-1	-1	-598.6	-84.6	-1.2	-55.7	88.6
3RD	24.00	-69.7	-39.6	9280	7246	-7.5	-5.5	1	1	-528.9	-45.0	-2.3	-46.7	88.9
4TH	40.00	-54.4	-34.4	9280	7097	-5.9	-4.8	-4	-4	-474.6	-10.6	-2.7	-38.6	88.0
5TH	56.00	-49.4	-15.1	7540	3061	-6.5	-4.9	-9	-19	-425.2	4.5	-2.7	-32.8	85.0
6TH	69.00	-39.1	-9.1	7540	2107	-5.2	-4.3	-16	-47	-386.1	13.6	-2.6	-27.5	79.3
7TH	82.00	-17.9	-8.3	7540	1952	-2.4	-4.2	-68	-101	-368.2	21.9	-2.4	-22.6	72.9
8TH	95.00	-20.9	-4.9	7540	1709	-2.8	-2.9	-37	-108	-347.3	26.8	-2.1	-17.9	66.1
9TH	108.00	-48.0	1.7	7540	1300	-6.4	1.3	2	-45	-299.3	25.1	-1.7	-13.7	59.8
10TH	121.00	-46.8	2.5	7540	1300	-6.2	1.9	4	-52	-252.5	22.6	-1.4	-10.2	52.8
11TH	134.00	-45.4	2.9	7540	1300	-6.0	2.2	5	-58	-207.1	19.6	-1.2	-7.2	45.1
12TH	147.00	-43.4	2.8	7540	1300	-5.8	2.2	6	-65	-163.7	16.8	-.9	-4.8	36.8
13TH	160.00	-41.5	2.7	7540	1300	-5.5	2.1	7	-73	-122.2	14.1	-.7	-2.9	28.0
14TH	173.00	-39.4	1.3	7540	1300	-5.2	1.0	4	-81	-82.8	12.8	-.6	-1.6	18.8
15TH	186.00	-33.8	.6	7540	1300	-4.5	.4	2	-82	-49.0	12.3	-.4	-.7	10.7
16TH	199.00	-29.1	.1	8120	1400	-3.6	.1	0	-81	-19.9	12.1	-.2	-.2	3.9
ROOF	213.00	-14.7	3.7	4712	1229	-3.1	3.0	24	-67	-5.2	8.5	-.1	-.0	.8
PENT	228.50	-5.2	8.5	1683	525	-3.1	16.1	36	-15	0.0	0.0	0.0	0.0	0.0
TOP	242.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-942.4	-120.1	.7	-98.2	102.8
2ND	8.00	-28.9	-5.7	4000	5380	-7.2	-1.1	-6	-22	-913.5	-114.3	-.2	-90.8	100.9
3RD	24.00	-66.8	-24.5	8320	9672	-8.0	-2.5	-7	-13	-846.7	-89.8	-1.8	-76.7	98.2
4TH	40.00	-90.4	-37.9	9280	7246	-9.7	-5.2	-3	-6	-756.4	-52.0	-3.0	-63.9	96.4
5TH	56.00	-71.6	-32.7	9280	7097	-7.7	-4.6	-7	-11	-684.7	-19.3	-3.5	-52.3	93.7
6TH	69.00	-65.1	-16.8	7540	3061	-8.6	-5.5	-5	-12	-619.6	-2.5	-3.7	-43.9	91.2
7TH	82.00	-60.8	-12.7	7540	2107	-8.1	-6.0	-8	-27	-558.8	10.2	-3.6	-36.2	86.3
8TH	95.00	-48.8	-12.7	7540	1952	-6.5	-6.5	-15	-39	-510.1	22.9	-3.4	-29.2	80.4
9TH	108.00	-49.2	-8.9	7540	1709	-6.5	-5.2	-12	-47	-460.8	31.8	-3.1	-22.9	73.5
10TH	121.00	-63.9	-.7	7540	1300	-8.5	-.5	-1	-42	-397.0	32.5	-2.6	-17.4	65.8
11TH	134.00	-63.1	.7	7540	1300	-8.4	.5	1	-45	-333.9	31.8	-2.2	-12.6	57.5
12TH	147.00	-62.2	1.7	7540	1300	-8.3	1.3	2	-49	-271.6	30.1	-1.8	-8.7	48.6
13TH	160.00	-61.0	2.6	7540	1300	-8.1	2.0	3	-52	-210.7	27.5	-1.4	-5.5	39.4
14TH	173.00	-59.7	3.4	7540	1300	-7.9	2.6	5	-56	-150.9	24.1	-1.1	-3.2	29.7
15TH	186.00	-56.6	3.3	7540	1300	-7.5	2.5	5	-58	-94.3	20.8	-.8	-1.6	20.2
16TH	199.00	-44.9	2.2	7540	1300	-6.0	1.7	5	-64	-49.4	18.6	-.6	-.7	11.8
ROOF	213.00	-32.9	1.0	8120	1400	-4.1	.7	3	-78	-16.5	17.6	-.3	-.2	4.3
PENT	228.50	-11.9	5.7	4712	1229	-2.5	4.6	59	-85	-4.6	11.9	-.1	-.0	.7
TOP	242.00	-4.6	11.9	1683	525	-2.8	22.7	27	-7	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1008.0	-117.1	4 0	-120.2	88.9
2ND	8.00	-21.7	-2.8	4000	5380	-5.4	-.5	-10	-51	-986.2	-114.3	3 1	-112.2	85.6
3RD	24.00	-48.5	-16.7	8320	9672	-5.8	-1.7	-17	-34	-937.7	-97.6	1 4	-96.8	80.3
4TH	40.00	-63.2	-29.7	9280	7246	-6.8	-4.1	-12	-17	-874.5	-67.9	1	-82.3	76.5
5TH	56.00	-54.2	-22.2	9280	7097	-5.8	-3.1	-13	-22	-820.4	-45.7	- 8	-68.8	72.4
6TH	69.00	-59.2	-13.4	7540	3061	-7.8	-4.4	-6	-19	-761.2	-32.2	-1 3	-58.5	69.0
7TH	82.00	-51.4	-12.4	7540	2107	-6.8	-5.9	-12	-34	-709.8	-19.9	-1 7	-48.9	63.6
8TH	95.00	-41.4	-13.5	7540	1952	-5.5	-6.9	-23	-49	-668.4	-6 4	-1 9	-40.0	57.0
9TH	108.00	-48.4	-10.5	7540	1709	-6.4	-6.1	-14	-46	-620.0	4 1	-1 9	-31.6	50.3
10TH	121.00	-80.2	-4.1	7540	1300	-10.6	-3.2	-2	-28	-539.8	8 2	-1 8	-24.1	43.8
11TH	134.00	-81.3	-3.3	7540	1300	-10.8	-2.5	-2	-28	-458.5	11.5	-1 7	-17.6	37.3
12TH	147.00	-82.0	-2.6	7540	1300	-10.9	-2.0	-1	-27	-376.5	14.0	-1 5	-12.1	30.8
13TH	160.00	-81.3	-1.7	7540	1300	-10.8	-1.3	-1	-27	-295.2	15.8	-1.3	-7 8	24.6
14TH	173.00	-80.3	-.8	7540	1300	-10.7	-.6	-0	-26	-214.9	16.5	-1.1	-4.5	18.4
15TH	186.00	-78.5	-.5	7540	1300	-10.4	-.4	-0	-25	-136.4	17.0	- 9	-2.2	12.7
16TH	199.00	-65.3	-1.2	7540	1300	-8.7	-.9	-1	-27	-71 1	18.3	- 6	-.8	7.6
ROOF	213.00	-52.1	-2.4	8120	1400	-6.4	-1.7	-2	-32	-18.9	20.7	- 4	-.2	2.7
PENT	228.50	-15.0	6.2	4712	1229	-3.2	5.1	27	-44	-4.0	14.5	- 1	-.0	.5
TOP	242.00	-4.0	14.5	1683	525	-2.4	27.5	15	-3	0.0	0.0	0 0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1020.5	-36.1	3.4	-127.7	63.2
2ND	8.00	-18.0	11.4	4000	5380	-4.5	2.1	48	-53	-1002.5	-47.5	3.1	-119.6	59.3
3RD	24.00	-38.9	6.3	8320	9672	-4.7	.7	12	-53	-963.7	-53.8	2.3	-103.9	53.2
4TH	40.00	-50.8	-11.1	9280	7246	-5.5	-1.5	-9	-27	-912.9	-42.7	1.5	-88.9	49.0
5TH	56.00	-41.2	-4.9	9280	7097	-4.4	-.7	-6	-36	-871.7	-37.8	.9	-74.6	44.7
6TH	69.00	-54.4	-2.3	7540	3061	-7.2	-.7	-1	-18	-817.3	-35.5	.4	-63.7	41.8
7TH	82.00	-46.8	-4.4	7540	2107	-6.2	-2.1	-3	-21	-770.6	-31.2	-.0	-53.3	38.9
8TH	95.00	-40.3	-7.8	7540	1952	-5.4	-4.0	-9	-31	-730.2	-23.3	-.4	-43.6	35.2
9TH	108.00	-54.5	-7.4	7540	1709	-7.2	-4.3	-4	-22	-675.7	-15.9	-.7	-34.4	31.6
10TH	121.00	-90.7	-4.0	7540	1300	-12.0	-3.1	-1	-13	-585.0	-12.0	-.8	-26.2	28.1
11TH	134.00	-90.3	-4.6	7540	1300	-12.0	-3.6	-1	-14	-494.8	-7.3	-1.0	-19.2	24.4
12TH	147.00	-89.3	-5.2	7540	1300	-11.8	-4.0	-1	-15	-405.4	-2.1	-1.0	-13.4	20.6
13TH	160.00	-87.0	-4.8	7540	1300	-11.5	-3.7	-1	-15	-318.4	2.7	-1.0	-8.7	16.8
14TH	173.00	-84.2	-4.4	7540	1300	-11.2	-3.4	-1	-16	-234.2	7.1	-1.0	-5.1	12.9
15TH	186.00	-80.4	-4.4	7540	1300	-10.7	-3.4	-1	-16	-153.9	11.5	-.8	-2.6	9.1
16TH	199.00	-69.5	-4.6	7540	1300	-9.2	-3.6	-2	-17	-84.4	16.1	-.7	-1.0	5.7
ROOF	213.00	-60.9	-5.3	8120	1400	-7.5	-3.8	-2	-19	-23.5	21.4	-.4	-.2	2.4
PENT	228.50	-19.2	5.7	4712	1229	-4.1	4.7	14	-33	-4.4	15.6	-.1	-.0	.4
TOP	242.00	-4.4	15.6	1683	525	-2.6	29.8	13	-2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1208.4	9.0	1.0	-157.9	43.0
2ND	8.00	-21.1	10.5	4000	5380	-5.3	1.9	31	-43	-1187.3	-1.4	1.0	-148.3	39.7
3RD	24.00	-43.6	10.2	8320	9672	-5.2	1.0	13	-39	-1143.7	-11.6	.9	-129.7	34.5
4TH	40.00	-54.3	2.8	9280	7246	-5.9	.4	2	-24	-1089.4	-14.4	.7	-111.8	30.7
5TH	56.00	-40.2	8.3	9280	7097	-4.3	1.2	9	-30	-1049.1	-22.7	.4	-94.7	27.0
6TH	69.00	-45.7	5.3	7540	3061	-6.1	1.7	4	-23	-1003.4	-28.0	.1	-81.4	23.9
7TH	82.00	-41.7	-.6	7540	2107	-5.5	-.3	-0	-17	-961.6	-27.3	-.2	-68.6	21.9
8TH	95.00	-39.1	-3.5	7540	1952	-5.2	-1.8	-3	-24	-922.5	-23.8	-.6	-56.3	19.2
9TH	108.00	-60.7	-4.8	7540	1709	-8.0	-2.8	-2	-13	-861.9	-19.1	-.9	-44.7	16.8
10TH	121.00	-112.0	-4.5	7540	1300	-14.9	-3.4	-0	-6	-749.9	-14.6	-1.1	-34.3	14.8
11TH	134.00	-111.9	-5.8	7540	1300	-14.8	-4.4	-0	-5	-638.0	-8.8	-1.2	-25.2	13.1
12TH	147.00	-111.7	-7.0	7540	1300	-14.8	-5.4	-0	-4	-526.3	-1.8	-1.3	-17.7	11.8
13TH	160.00	-110.0	-6.6	7540	1300	-14.6	-5.0	-0	-4	-416.3	4.8	-1.3	-11.5	10.5
14TH	173.00	-107.5	-5.9	7540	1300	-14.3	-4.6	-0	-5	-308.8	10.7	-1.2	-6.8	9.0
15TH	186.00	-104.4	-4.9	7540	1300	-13.8	-3.8	-0	-5	-204.4	15.6	-1.0	-3.5	7.5
16TH	199.00	-90.7	-4.7	7540	1300	-12.0	-3.6	-0	-7	-113.7	20.3	-.8	-1.4	5.8
ROOF	213.00	-79.2	-4.9	8120	1400	-9.8	-3.5	-1	-10	-34.5	25.2	-.5	-.4	3.6
PENT	228.50	-25.7	7.1	4712	1229	-5.4	5.8	13	-33	-8.8	18.1	-.1	-.1	.9
TOP	242.00	-8.8	18.1	1683	525	-5.2	34.5	20	-7	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLAZA, PHASE 4
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1535.5	112.6	-6.2	-202.6	-10.0
2ND	8.00	-21.1	15.8	4000	5380	-5.3	2.9	30	-28	-1514.4	96.7	-5.3	-190.4	-12.7
3RD	24.00	-45.7	22.9	8320	9672	-5.5	2.4	18	-24	-1468.7	73.8	-4.0	-166.5	-16.8
4TH	40.00	-57.2	18.1	9280	7246	-6.2	2.5	7	-16	-1411.5	55.8	-2.9	-143.5	-19.6
5TH	56.00	-50.2	26.2	9280	7097	-5.4	3.7	10	-13	-1361.3	29.6	-2.3	-121.3	-22.1
6TH	69.00	-53.5	15.0	7540	3061	-7.1	4.9	6	-15	-1307.8	14.6	-2.0	-104.0	-24.6
7TH	82.00	-58.7	5.3	7540	2107	-7.8	2.5	0	-1	-1249.0	9.3	-1.8	-87.3	-24.8
8TH	95.00	-67.8	6.1	7540	1952	-9.0	3.1	-0	0	-1181.3	3.2	-1.7	-71.5	-24.8
9TH	108.00	-96.6	4.1	7540	1709	-12.8	2.4	-0	6	-1084.6	-.9	-1.7	-56.8	-23.1
10TH	121.00	-136.3	-1.5	7540	1300	-18.1	-1.1	0	8	-948.3	.6	-1.7	-43.6	-19.8
11TH	134.00	-137.8	-3.3	7540	1300	-18.3	-2.6	0	9	-810.5	3.9	-1.7	-32.2	-16.0
12TH	147.00	-139.3	-5.3	7540	1300	-18.5	-4.1	1	11	-671.1	9.2	-1.6	-22.5	-11.7
13TH	160.00	-139.0	-4.4	7540	1300	-18.4	-3.4	0	10	-532.1	13.7	-1.5	-14.7	-7.5
14TH	173.00	-137.0	-3.3	7540	1300	-18.2	-2.5	0	9	-395.1	17.0	-1.3	-8.7	-3.9
15TH	186.00	-134.3	-1.7	7540	1300	-17.8	-1.3	0	8	-260.8	18.7	-1.0	-4.4	-.7
16TH	199.00	-116.9	-2.2	7540	1300	-15.5	-1.7	0	7	-144.0	20.9	-.8	-1.8	1.7
ROOF	213.00	-101.3	-3.6	8120	1400	-12.5	-2.6	0	6	-42.6	24.4	-.4	-.5	3.3
PENT	228.50	-32.3	6.8	4712	1229	-6.9	5.5	7	-23	-10.3	17.7	-.1	-.1	1.1
TOP	242.00	-10.3	17.7	1683	525	-6.1	33.7	23	-9	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-2057.6	163.8	-9.0	-267.9	-40.6
2ND	8.00	-29.9	15.7	4000	5380	-7.5	2.9	17	-22	-2027.6	148.1	-7.7	-251.6	-43.0
3RD	24.00	-64.3	28.9	8320	9672	-7.7	3.0	12	-19	-1963.3	119.2	-5.6	-219.7	-47.3
4TH	40.00	-76.6	29.2	9280	7246	-8.3	4.0	8	-15	-1886.7	90.0	-3.9	-188.9	-51.1
5TH	56.00	-75.2	40.3	9280	7097	-8.1	5.7	10	-13	-1811.5	49.7	-2.8	-159.3	-54.8
6TH	69.00	-79.3	19.5	7540	3061	-10.5	6.4	4	-10	-1732.2	30.2	-2.3	-136.3	-57.3
7TH	82.00	-93.6	8.3	7540	2107	-12.4	3.9	-0	1	-1638.6	21.9	-1.9	-114.3	-56.9
8TH	95.00	-109.6	9.8	7540	1952	-14.5	5.0	-0	4	-1529.1	12.2	-1.7	-93.8	-55.7
9TH	108.00	-130.4	7.0	7540	1709	-17.3	4.1	-1	7	-1398.7	5.1	-1.6	-74.7	-53.1
10TH	121.00	-166.4	.1	7540	1300	-22.1	.1	-0	10	-1232.3	5.0	-1.5	-57.6	-48.4
11TH	134.00	-171.0	-1.9	7540	1300	-22.7	-1.4	0	12	-1061.3	6.9	-1.4	-42.7	-42.4
12TH	147.00	-175.5	-3.7	7540	1300	-23.3	-2.8	0	14	-885.8	10.5	-1.3	-30.1	-35.1
13TH	160.00	-178.3	-2.5	7540	1300	-23.6	-1.9	0	15	-707.5	13.0	-1.2	-19.7	-27.3
14TH	173.00	-179.3	-1.1	7540	1300	-23.8	-.8	0	15	-528.2	14.1	-1.0	-11.7	-19.4
15TH	186.00	-179.0	.7	7540	1300	-23.7	.5	-0	16	-349.3	13.4	-.8	-6.0	-11.2
16TH	199.00	-155.7	-1.4	7540	1300	-20.7	-1.0	0	16	-193.6	14.8	-.6	-2.4	-3.8
ROOF	213.00	-133.5	-4.9	8120	1400	-16.4	-3.5	1	16	-60.1	19.8	-.4	-.7	2.4
PENT	228.50	-46.8	3.1	4712	1229	-9.9	2.5	1	-7	-13.3	16.7	-.1	-.1	1.4
TOP	242.00	-13.3	16.7	1683	525	-7.9	31.8	26	-14	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-2151.8	228.4	-16.0	-283.7	-64.6
2ND	8.00	-29.6	16.6	4000	5380	-7.4	3.1	11	-14	-2122.2	211.8	-14.3	-266.6	-66.2
3RD	24.00	-65.1	33.6	8320	9672	-7.8	3.5	9	-12	-2057.1	178.3	-11.2	-233.2	-69.0
4TH	40.00	-76.8	35.3	9280	7246	-8.3	4.9	6	-10	-1980.3	143.0	-8.6	-200.9	-71.7
5TH	56.00	-79.5	43.3	9280	7097	-8.6	6.1	6	-8	-1900.8	99.7	-6.6	-169.8	-73.9
6TH	69.00	-82.0	21.2	7540	3061	-10.9	6.9	1	-4	-1818.8	78.5	-5.5	-145.6	-74.9
7TH	82.00	-95.4	14.1	7540	2107	-12.7	6.7	-1	6	-1723.4	64.3	-4.6	-122.6	-73.2
8TH	95.00	-111.4	15.0	7540	1952	-14.8	7.7	-2	8	-1612.0	49.3	-3.8	-100.9	-70.6
9TH	108.00	-130.8	12.3	7540	1709	-17.3	7.2	-1	11	-1481.3	37.0	-3.3	-80.8	-66.5
10TH	121.00	-160.5	4.9	7540	1300	-21.3	3.8	-1	14	-1320.7	32.1	-2.8	-62.6	-60.1
11TH	134.00	-171.1	2.7	7540	1300	-22.7	2.1	-0	15	-1149.6	29.4	-2.4	-46.6	-52.7
12TH	147.00	-181.5	.8	7540	1300	-24.1	.6	-0	16	-968.2	28.6	-2.0	-32.8	-44.3
13TH	160.00	-189.6	1.3	7540	1300	-25.1	1.0	-0	16	-778.6	27.2	-1.7	-21.4	-35.3
14TH	173.00	-196.1	2.1	7540	1300	-26.0	1.6	-0	16	-582.5	25.1	-1.3	-12.6	-26.4
15TH	186.00	-201.4	3.2	7540	1300	-26.7	2.5	-0	16	-381.1	21.9	-1.0	-6.3	-17.0
16TH	199.00	-174.7	1.1	7540	1300	-23.2	.8	-0	18	-206.4	20.8	-.7	-2.5	-8.0
ROOF	213.00	-145.6	-2.3	8120	1400	-17.9	-1.6	0	21	-60.8	23.2	-.4	-.6	.9
PENT	228.50	-48.8	5.6	4712	1229	-10.4	4.6	-0	2	-12.0	17.5	-.1	-.1	1.2
TOP	242.00	-12.0	17.5	1683	525	-7.1	33.3	23	-11	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 42 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-2023.6	342.1	-25.1	-268.1	-78.0
2ND	8.00	-31.7	27.9	4000	5380	-7.9	5.2	20	-16	-1991.9	314.2	-22 5	-252.0	-80.6
3RD	24.00	-70.0	54.0	8320	9672	-8.4	5.6	14	-13	-1922.0	260.2	-17.9	-220.7	-84.7
4TH	40.00	-84.8	50.5	9280	7246	-9.1	7.0	7	-9	-1837.2	209.8	-14.1	-190.6	-87.6
5TH	56.00	-81.2	54.5	9280	7097	-8.7	7.7	5	-5	-1756.0	155.3	-11.2	-161.9	-89.4
6TH	69.00	-70.3	25.5	7540	3061	-9.3	8.3	-0	0	-1685.7	129.8	-9.3	-139.5	-89.4
7TH	82.00	-78.7	17.4	7540	2107	-10.4	8.3	-3	11	-1607.0	112.4	-7 8	-118.1	-86.8
8TH	95.00	-91.1	20.1	7540	1952	-12.1	10.3	-4	13	-1515.9	92.4	-6.4	-97.8	-83.2
9TH	108.00	-111.0	18.1	7540	1709	-14.7	10.6	-4	16	-1404.9	74.3	-5.4	-78.8	-77.8
10TH	121.00	-137.5	9.2	7540	1300	-18.2	7.1	-2	20	-1267.3	65.1	-4 4	-61.4	-69.8
11TH	134.00	-152.0	7.3	7540	1300	-20.2	5.6	-1	20	-1115.4	57.8	-3.7	-46.0	-60.9
12TH	147.00	-166.1	5.6	7540	1300	-22.0	4.3	-1	20	-949.3	52.2	-2 9	-32.5	-51.1
13TH	160.00	-178.5	5.8	7540	1300	-23.7	4.4	-1	20	-770.7	46.4	-2.3	-21.4	-40.7
14TH	173.00	-189.8	6.2	7540	1300	-25.2	4.7	-1	19	-580.9	40.3	-1.7	-12.6	-30.1
15TH	186.00	-200.2	6.8	7540	1300	-26.6	5.2	-1	19	-380.7	33.4	-1.3	-6.3	-19.1
16TH	199.00	-174.9	4.8	7540	1300	-23.2	3.7	-1	20	-205.7	28.7	- .8	-2.5	-8.9
ROOF	213.00	-145.6	2.0	8120	1400	-17.9	1.4	-0	23	-60.1	26.7	- 5	- .6	.7
PENT	228.50	-47.5	9.2	4712	1229	-10.1	7.5	-1	3	-12.6	17.5	- 1	- .1	1.1
TOP	242.00	-12.6	17.5	1683	525	-7.5	33.3	20	-10	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1728.5	413.0	-33.1	-220.2	-71.9
2ND	8.00	-36.2	37.1	4000	5380	-9.1	6.9	17	-12	-1692.3	375.9	-29.9	-206.5	-74.4
3RD	24.00	-77.3	66.1	8320	9672	-9.3	6.8	11	-9	-1615.0	309.9	-24.4	-180.0	-77.9
4TH	40.00	-91.2	53.2	9280	7246	-9.8	7.3	4	-4	-1523.7	256.7	-19.9	-154.9	-79.4
5TH	56.00	-81.9	52.6	9280	7097	-8.8	7.4	1	-1	-1441.8	204.1	-16.2	-131.2	-79.9
6TH	69.00	-64.2	24.8	7540	3061	-8.5	8.1	-2	3	-1377.6	179.2	-13.7	-112.9	-79.2
7TH	82.00	-71.0	19.0	7540	2107	-9.4	9.0	-6	14	-1306.6	160.2	-11.5	-95.4	-76.0
8TH	95.00	-78.4	21.6	7540	1952	-10.4	11.1	-7	18	-1228.2	138.6	-9.6	-78.9	-71.7
9TH	108.00	-95.9	20.2	7540	1709	-12.7	11.8	-6	20	-1132.3	118.4	-7.9	-63.6	-65.8
10TH	121.00	-116.3	12.5	7540	1300	-15.4	9.6	-4	25	-1016.0	105.9	-6.4	-49.6	-57.3
11TH	134.00	-125.1	12.0	7540	1300	-16.6	9.2	-3	24	-890.9	94.0	-5.1	-37.2	-48.6
12TH	147.00	-133.9	11.6	7540	1300	-17.8	8.9	-3	23	-757.0	82.3	-4.0	-26.5	-39.8
13TH	160.00	-141.4	11.6	7540	1300	-18.8	8.9	-3	21	-615.6	70.7	-3.0	-17.6	-31.0
14TH	173.00	-148.0	11.6	7540	1300	-19.6	8.9	-2	20	-467.6	59.1	-2.2	-10.6	-22.4
15TH	186.00	-154.1	11.8	7540	1300	-20.4	9.1	-2	19	-313.5	47.3	-1.5	-5.5	-14.0
16TH	199.00	-137.4	10.2	7540	1300	-18.2	7.8	-2	19	-176.1	37.2	- 9	-2.3	-6.2
ROOF	213.00	-120.0	8.6	8120	1400	-14.8	6.1	-2	21	-56.1	28.6	-.5	-.7	1.3
PENT	228.50	-40.0	12.7	4712	1229	-8.5	10.3	-0	0	-16.1	15.9	-.1	-.1	1.3
TOP	242.00	-16.1	15.9	1683	525	-9.6	30.2	20	-14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1365.1	515.8	-41.9	-170.5	-44.6
2ND	8.00	-32.3	45.8	4000	5380	-8.1	8.5	23	-11	-1332.7	470.1	-37.9	-159.7	-47.7
3RD	24.00	-68.5	81.1	8320	9672	-8.2	8.4	18	-11	-1264.2	388.9	-31.1	-139.0	-52.8
4TH	40.00	-80.6	64.7	9280	7246	-8.7	8.9	10	-8	-1183.6	324.3	-25.4	-119.4	-56.1
5TH	56.00	-70.3	61.8	9280	7097	-7.6	8.7	6	-5	-1113.3	262.5	-20.7	-101.0	-57.8
6TH	69.00	-49.8	31.3	7540	3061	-6.6	10.2	-2	2	-1063.6	231.2	-17.5	-86.8	-57.4
7TH	82.00	-56.5	24.1	7540	2107	-7.5	11.4	-9	14	-1007.1	207.1	-14.6	-73.4	-54.6
8TH	95.00	-62.7	26.1	7540	1952	-8.3	13.4	-10	17	-944.4	181.0	-12.1	-60.7	-50.9
9TH	108.00	-72.5	23.7	7540	1709	-9.6	13.9	-9	20	-871.9	157.2	-9.9	-48.9	-46.4
10TH	121.00	-92.6	16.5	7540	1300	-12.3	12.7	-6	24	-779.3	140.8	-8.0	-38.2	-39.7
11TH	134.00	-97.9	16.9	7540	1300	-13.0	13.0	-6	22	-681.5	123.9	-6.2	-28.7	-33.2
12TH	147.00	-103.0	17.3	7540	1300	-13.7	13.3	-5	20	-578.5	106.6	-4.7	-20.5	-26.9
13TH	160.00	-107.7	17.0	7540	1300	-14.3	13.1	-4	19	-470.7	89.6	-3.5	-13.7	-20.9
14TH	173.00	-112.4	16.7	7540	1300	-14.9	12.9	-4	17	-358.3	72.8	-2.4	-8.3	-15.1
15TH	186.00	-116.6	16.6	7540	1300	-15.5	12.7	-3	16	-241.7	56.3	-1.6	-4.4	-9.5
16TH	199.00	-103.5	14.5	7540	1300	-13.7	11.1	-4	17	-138.2	41.8	-.9	-1.9	-4.1
ROOF	213.00	-89.6	12.6	8120	1400	-11.0	9.0	-4	20	-48.6	29.2	-.4	-.6	1.3
PENT	228.50	-33.7	15.2	4712	1229	-7.2	12.3	0	-1	-14.9	14.0	-.1	-.1	1.2
TOP	242.00	-14.9	14.0	1683	525	-8.9	26.7	20	-15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-745.2	540.9	-44.7	-95.0	-39.2
2ND	8.00	-14.4	46.6	4000	5380	-3.6	8.7	27	-6	-730.8	494.3	-40.6	-89.1	-41.9
3RD	24.00	-31.9	81.7	8320	9672	-3.8	8.4	25	-7	-699.0	412.6	-33.3	-77.6	-46.6
4TH	40.00	-39.6	64.7	9280	7246	-4.3	8.9	19	-8	-659.3	347.8	-27.2	-66.8	-50.1
5TH	56.00	-35.3	58.4	9280	7097	-3.8	8.2	10	-4	-624.1	289.4	-22.1	-56.5	-51.6
6TH	69.00	-23.7	34.4	7540	3061	-3.1	11.2	-4	2	-600.4	255.0	-18.6	-48.5	-51.3
7TH	82.00	-30.4	27.4	7540	2107	-4.0	13.0	-21	16	-570.0	227.6	-15.4	-40.9	-48.7
8TH	95.00	-36.0	28.9	7540	1952	-4.8	14.8	-22	19	-534.1	198.7	-12.7	-33.8	-45.5
9TH	108.00	-41.5	26.1	7540	1709	-5.5	15.3	-23	25	-492.6	172.7	-10.3	-27.1	-41.3
10TH	121.00	-55.2	18.4	7540	1300	-7.3	14.1	-16	34	-437.3	154.3	-8.1	-21.0	-35.3
11TH	134.00	-57.2	19.4	7540	1300	-7.6	14.9	-15	30	-380.1	134.9	-6.3	-15.7	-29.8
12TH	147.00	-58.9	20.4	7540	1300	-7.8	15.7	-13	26	-321.3	114.6	-4.6	-11.2	-24.7
13TH	160.00	-60.7	20.0	7540	1300	-8.1	15.4	-12	25	-260.5	94.5	-3.3	-7.4	-19.9
14TH	173.00	-63.1	19.6	7540	1300	-8.4	15.1	-11	24	-197.4	74.9	-2.2	-4.4	-15.0
15TH	186.00	-65.4	19.3	7540	1300	-8.7	14.8	-10	23	-132.0	55.7	-1.3	-2.3	-10.2
16TH	199.00	-58.1	17.3	7540	1300	-7.7	13.3	-11	25	-73.9	38.3	-.7	-.9	-5.5
ROOF	213.00	-50.8	16.0	8120	1400	-6.3	11.4	-13	29	-23.2	22.4	-.3	-.3	-.8
PENT	228.50	-18.2	14.4	4712	1229	-3.9	11.7	-15	13	-4.9	7.9	-.1	-.0	.3
TOP	242.00	-4.9	7.9	1683	525	-2.9	15.1	14	-6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-11.6	492.5	-41.5	-8.5	-13.7
2ND	8.00	7.3	39.0	4000	5380	1.8	7.2	20	3	-18.9	453.5	-37.7	-8.4	-15.4
3RD	24.00	12.3	67.7	8320	9672	1.5	7.0	23	3	-31.2	385.8	-31.0	-8.0	-18.6
4TH	40.00	10.3	55.2	9280	7246	1.1	7.6	27	3	-41.4	330.6	-25.2	-7.4	-21.7
5TH	56.00	12.8	49.7	9280	7097	1.4	7.0	21	4	-54.2	280.8	-20.4	-6.6	-23.9
6TH	69.00	10.3	34.1	7540	3061	1.4	11.1	13	3	-64.5	246.7	-16.9	-5.8	-24.8
7TH	82.00	3.3	27.8	7540	2107	.4	13.2	-16	-1	-67.8	219.0	-13.9	-5.0	-23.9
8TH	95.00	-.0	28.1	7540	1952	-.0	14.4	-23	0	-67.8	190.8	-11.2	-4.1	-22.6
9TH	108.00	-3.4	25.0	7540	1709	-.4	14.6	-37	3	-64.4	165.8	-8.9	-3.2	-20.7
10TH	121.00	-6.0	19.0	7540	1300	-.8	14.6	-62	13	-58.4	146.8	-6.9	-2.4	-18.2
11TH	134.00	-7.0	20.8	7540	1300	-.9	16.0	-47	11	-51.5	126.0	-5.1	-1.7	-16.0
12TH	147.00	-7.6	22.5	7540	1300	-1.0	17.3	-35	8	-43.8	103.6	-3.6	-1.1	-14.2
13TH	160.00	-8.9	21.6	7540	1300	-1.2	16.6	-36	10	-34.9	82.0	-2.4	-.6	-12.4
14TH	173.00	-11.3	20.4	7540	1300	-1.5	15.7	-41	16	-23.6	61.6	-1.5	-.2	-10.2
15TH	186.00	-13.6	19.3	7540	1300	-1.8	14.8	-45	22	-10.0	42.3	-.8	.0	-7.6
16TH	199.00	-9.6	16.8	7540	1300	-1.3	12.9	-61	24	-.4	25.6	-.4	.1	-4.9
ROOF	213.00	-3.4	14.8	8120	1400	-.4	10.6	-97	15	3.0	10.8	-.1	.0	-1.9
PENT	228.50	1.2	9.0	4712	1229	.3	7.4	-89	-8	1.8	1.8	-.0	.0	-.3
TOP	242.00	1.8	1.8	1683	525	1.1	3.3	-36	-25	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									350.6	377.7	-31.5	36.9	41.2
2ND	8.00	8.9	28.3	4000	5380	2.2	5.3	16	4	341.7	349.3	-28.6	34.1	40.2
3RD	24.00	22.1	49.9	8320	9672	2.7	5.2	23	7	319.5	299.4	-23.4	28.8	37.5
4TH	40.00	31.8	40.4	9280	7246	3.4	5.6	25	14	287.8	259.1	-18.9	23.9	34.1
5TH	56.00	35.3	38.7	9280	7097	3.8	5.4	31	20	252.5	220.4	-15.1	19.6	29.7
6TH	69.00	22.6	27.7	7540	3061	3.0	9.1	32	18	229.9	192.7	-12.4	16.5	26.8
7TH	82.00	20.0	22.5	7540	2107	2.7	10.7	25	15	209.9	170.1	-10.0	13.6	24.8
8TH	95.00	21.9	23.6	7540	1952	2.9	12.1	34	22	188.0	146.5	-8.0	11.0	21.8
9TH	108.00	22.2	20.3	7540	1709	2.9	11.9	35	26	165.8	126.2	-6.2	8.7	18.7
10TH	121.00	24.5	15.6	7540	1300	3.2	12.0	30	32	141.3	110.6	-4.7	6.7	15.5
11TH	134.00	23.0	17.3	7540	1300	3.1	13.3	35	32	118.3	93.3	-3.3	5.1	12.1
12TH	147.00	21.5	19.1	7540	1300	2.9	14.7	40	31	96.7	74.2	-2.2	3.7	8.7
13TH	160.00	19.5	17.7	7540	1300	2.6	13.6	40	31	77.2	56.5	-1.4	2.5	5.5
14TH	173.00	16.7	16.0	7540	1300	2.2	12.3	40	29	60.5	40.6	-.8	1.6	2.8
15TH	186.00	14.2	14.4	7540	1300	1.9	11.1	38	26	46.3	26.2	-.3	.9	.7
16TH	199.00	15.3	12.9	7540	1300	2.0	9.9	22	18	31.0	13.3	-.1	.4	-.7
ROOF	213.00	19.3	12.1	8120	1400	2.4	8.6	6	6	11.7	1.2	.0	.1	-1.2
PENT	228.50	8.5	3.6	4712	1229	1.8	2.9	-17	-27	3.2	-2.4	.0	.0	-.4
TOP	242.00	3.2	-2.4	1683	525	1.9	-4.5	29	-27	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									583.9	315.7	-25.9	66.1	80.9
2ND	8.00	10.4	23.5	4000	5380	2.6	4.4	28	9	573.5	292.2	-23.4	61.4	79.3
3RD	24.00	27.1	41.8	8320	9672	3.3	4.3	35	16	546.4	250.4	-19.1	52.5	75.1
4TH	40.00	40.9	35.2	9280	7246	4.4	4.9	31	25	505.5	215.1	-15.4	44.1	69.9
5TH	56.00	49.3	33.4	9280	7097	5.3	4.7	32	33	456.2	181.7	-12.2	36.4	63.1
6TH	69.00	36.4	22.9	7540	3061	4.8	7.5	30	33	419.8	158.8	-10.0	30.7	58.3
7TH	82.00	35.6	16.6	7540	2107	4.7	7.9	24	36	384.2	142.2	-8.0	25.4	53.8
8TH	95.00	38.9	18.4	7540	1952	5.2	9.4	30	44	345.2	123.7	-6.3	20.7	47.6
9TH	108.00	40.2	16.3	7540	1709	5.3	9.6	28	48	305.1	107.4	-4.8	16.5	41.2
10TH	121.00	39.7	14.7	7540	1300	5.3	11.3	27	50	265.4	92.7	-3.5	12.8	34.6
11TH	134.00	38.2	16.2	7540	1300	5.1	12.5	29	48	227.2	76.5	-2.4	9.6	28.4
12TH	147.00	37.0	17.8	7540	1300	4.9	13.7	32	45	190.1	58.7	-1.5	6.8	22.4
13TH	160.00	36.0	16.0	7540	1300	4.8	12.3	29	45	154.1	42.7	-.8	4.6	16.8
14TH	173.00	34.9	13.9	7540	1300	4.6	10.7	26	45	119.2	28.8	-.4	2.8	11.5
15TH	186.00	34.0	11.8	7540	1300	4.5	9.1	22	43	85.2	16.9	-.1	1.5	6.8
16TH	199.00	33.7	10.5	7540	1300	4.5	8.1	16	36	51.5	6.5	.1	.6	2.9
ROOF	213.00	36.1	10.0	8120	1400	4.5	7.1	10	25	15.4	-3.5	.1	.1	.1
PENT	228.50	13.3	.6	4712	1229	2.8	.5	1	8	2.0	-4.1	.0	.0	-.2
TOP	242.00	2.0	-4.1	1683	525	1.2	-7.8	19	-7	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									634.0	226.0	-18.6	74.0	84.2
2ND	8.00	8.3	18.0	4000	5380	2.1	3.3	36	11	625.7	208.0	-16.8	68.9	82.6
3RD	24.00	23.5	31.2	8320	9672	2.8	3.2	40	21	602.2	176.8	-13.7	59.1	78.7
4TH	40.00	36.4	26.9	9280	7246	3.9	3.7	31	29	565.8	149.9	-11.1	49.8	74.0
5TH	56.00	47.9	23.8	9280	7097	5.2	3.4	26	35	517.9	126.1	-8.9	41.1	67.9
6TH	69.00	39.5	14.6	7540	3061	5.2	4.8	19	35	478.4	111.5	-7.4	34.6	63.3
7TH	82.00	41.9	9.6	7540	2107	5.6	4.6	13	39	436.5	101.8	-6.0	28.7	58.3
8TH	95.00	46.7	11.0	7540	1952	6.2	5.6	15	45	389.9	90.9	-4.7	23.3	51.9
9TH	108.00	46.4	9.5	7540	1709	6.2	5.6	14	46	343.5	81.4	-3.6	18.5	45.5
10TH	121.00	46.4	9.8	7540	1300	6.2	7.6	14	45	297.0	71.5	-2.6	14.4	39.1
11TH	134.00	44.1	11.6	7540	1300	5.8	8.9	17	46	253.0	59.9	-1.8	10.8	32.9
12TH	147.00	41.6	13.4	7540	1300	5.5	10.3	21	45	211.4	46.5	-1.1	7.8	26.9
13TH	160.00	39.4	12.5	7540	1300	5.2	9.7	21	46	172.0	33.9	-.6	5.3	21.1
14TH	173.00	37.4	11.4	7540	1300	5.0	8.8	21	47	134.5	22.6	-.2	3.3	15.5
15TH	186.00	35.6	10.2	7540	1300	4.7	7.8	20	48	98.9	12.4	.0	1.8	10.1
16TH	199.00	37.2	9.3	7540	1300	4.9	7.2	15	41	61.7	3.0	.1	.7	5.4
ROOF	213.00	43.3	9.2	8120	1400	5.3	6.6	10	31	18.5	-6.2	.1	.2	1.4
PENT	228.50	17.3	-1.1	4712	1229	3.7	-.9	-3	28	1.1	-5.0	.0	.0	-.0
TOP	242.00	1.1	-5.0	1683	525	.7	-9.6	4	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									632.5	223.7	-18.0	72.3	70.7
2ND	8.00	12.3	18.4	4000	5380	3.1	3.4	43	20	620.2	205.3	-16.3	67.3	68.4
3RD	24.00	26.8	32.9	8320	9672	3.2	3.4	48	27	593.4	172.3	-13.3	57.6	63.2
4TH	40.00	34.8	28.4	9280	7246	3.8	3.9	41	35	558.6	143.9	-10.7	48.4	57.4
5TH	56.00	44.8	25.9	9280	7097	4.8	3.6	32	38	513.8	118.0	-8.6	39.8	50.7
6TH	69.00	41.9	11.9	7540	3061	5.6	3.9	13	32	471.9	106.1	-7.2	33.4	46.6
7TH	82.00	43.9	8.5	7540	2107	5.8	4.0	9	31	428.0	97.6	-5.9	27.5	42.5
8TH	95.00	46.1	10.0	7540	1952	6.1	5.1	10	31	381.9	87.7	-4.7	22.3	38.2
9TH	108.00	45.0	9.1	7540	1709	6.0	5.3	9	31	336.9	78.6	-3.6	17.6	33.9
10TH	121.00	45.7	10.2	7540	1300	6.1	7.8	10	31	291.2	68.4	-2.6	13.5	29.6
11TH	134.00	44.2	10.9	7540	1300	5.9	8.4	11	32	247.0	57.5	-1.8	10.0	25.3
12TH	147.00	42.6	11.6	7540	1300	5.7	8.9	13	32	204.4	45.9	-1.1	7.1	21.0
13TH	160.00	41.0	11.3	7540	1300	5.4	8.7	13	33	163.4	34.6	-.6	4.7	16.8
14TH	173.00	39.3	10.9	7540	1300	5.2	8.4	14	34	124.1	23.7	-.2	2.8	12.6
15TH	186.00	37.8	10.5	7540	1300	5.0	8.0	14	35	86.4	13.3	.0	1.4	8.5
16TH	199.00	35.9	9.7	7540	1300	4.8	7.5	13	33	50.4	3.6	.1	.6	4.7
ROOF	213.00	36.6	9.5	8120	1400	4.5	6.8	11	31	13.8	-5.9	.1	.1	1.3
PENT	228.50	14.1	-1.3	4712	1229	3.0	-1.1	-4	29	-.3	-4.6	.0	-.0	.1
TOP	242.00	-.3	-4.6	1683	525	-.2	-8.7	-8	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									741.3	204.0	-17.3	80.3	53.2
2ND	8.00	15.2	17.8	4000	5380	3.8	3.3	36	21	726.1	186.3	-15.7	74.5	51.1
3RD	24.00	36.6	31.4	8320	9672	4.4	3.3	34	27	689.5	154.8	-13.0	63.1	46.1
4TH	40.00	51.0	26.6	9280	7246	5.5	3.7	22	29	638.5	128.2	-10.7	52.5	40.6
5TH	56.00	60.7	23.4	9280	7097	6.5	3.3	17	30	577.8	104.8	-8.8	42.8	34.6
6TH	69.00	55.6	9.4	7540	3061	7.4	3.1	6	24	522.3	95.4	-7.5	35.6	30.6
7TH	82.00	54.4	6.2	7540	2107	7.2	2.9	4	22	467.8	89.2	-6.3	29.2	27.0
8TH	95.00	53.8	5.3	7540	1952	7.1	2.7	3	19	414.0	83.8	-5.2	23.5	24.0
9TH	108.00	53.8	5.6	7540	1709	7.1	3.3	3	18	360.2	78.2	-4.2	18.4	21.1
10TH	121.00	54.5	7.7	7540	1300	7.2	5.9	4	19	305.8	70.5	-3.2	14.1	18.1
11TH	134.00	50.4	8.7	7540	1300	6.7	6.7	5	20	255.4	61.8	-2.3	10.5	15.1
12TH	147.00	46.4	9.6	7540	1300	6.2	7.4	6	21	209.0	52.2	-1.6	7.4	12.2
13TH	160.00	42.7	10.2	7540	1300	5.7	7.8	7	21	166.3	42.0	-1.0	5.0	9.4
14TH	173.00	39.0	10.7	7540	1300	5.2	8.2	9	22	127.3	31.3	-.5	3.1	6.8
15TH	186.00	35.3	11.1	7540	1300	4.7	8.6	10	22	92.0	20.2	-.2	1.7	4.3
16TH	199.00	34.8	11.1	7540	1300	4.6	8.5	9	20	57.2	9.1	.0	.7	2.0
ROOF	213.00	38.2	11.7	8120	1400	4.7	8.4	7	16	19.1	-2.6	.1	.2	.1
PENT	228.50	17.5	.9	4712	1229	3.7	.7	0	4	1.6	-3.5	.0	.0	-.1
TOP	242.00	1.6	-3.5	1683	525	.9	-6.6	16	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									782.2	178.8	-17.8	88.1	26.3
2ND	8.00	16.7	9.1	4000	5380	4.2	1.7	5	7	765.5	169.8	-16.4	81.9	25.8
3RD	24.00	38.7	18.5	8320	9672	4.7	1.9	11	15	726.8	151.2	-13.9	70.0	23.7
4TH	40.00	53.5	18.1	9280	7246	5.8	2.5	10	20	673.3	133.1	-11.6	58.8	20.2
5TH	56.00	62.2	19.3	9280	7097	6.7	2.7	10	22	611.1	113.8	-9.6	48.5	15.8
6TH	69.00	53.6	9.4	7540	3061	7.1	3.1	4	16	557.5	104.5	-8.2	40.9	13.3
7TH	82.00	52.4	8.0	7540	2107	7.0	3.8	3	15	505.1	96.5	-6.9	34.0	11.0
8TH	95.00	50.9	7.1	7540	1952	6.8	3.6	3	14	454.1	89.4	-5.7	27.8	8.9
9TH	108.00	49.5	7.8	7540	1709	6.6	4.6	3	13	404.6	81.6	-4.6	22.2	7.0
10TH	121.00	49.0	8.9	7540	1300	6.5	6.9	3	12	355.6	72.7	-3.6	17.2	5.3
11TH	134.00	49.1	8.8	7540	1300	6.5	6.8	3	11	306.5	63.9	-2.7	12.9	3.7
12TH	147.00	49.0	8.8	7540	1300	6.5	6.8	2	9	257.5	55.1	-1.9	9.3	2.4
13TH	160.00	48.8	9.6	7540	1300	6.5	7.3	2	7	208.7	45.5	-1.3	6.2	1.3
14TH	173.00	48.6	10.4	7540	1300	6.4	8.0	2	5	160.1	35.2	-.7	3.9	.5
15TH	186.00	48.4	11.2	7540	1300	6.4	8.6	1	3	111.7	24.0	-.4	2.1	.1
16TH	199.00	44.2	10.8	7540	1300	5.9	8.3	1	3	67.5	13.1	-.1	.9	-.3
ROOF	213.00	41.2	11.0	8120	1400	5.1	7.8	2	4	26.2	2.2	-.0	.3	-.8
PENT	228.50	22.0	3.1	4712	1229	4.7	2.6	-2	-7	4.2	-1.0	.0	.0	-.3
TOP	242.00	4.2	-1.0	1683	525	2.5	-1.9	9	-26	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									864.1	115.4	-16.1	104.0	-26.0
2ND	8.00	12.8	-2.2	4000	5380	3.2	-.4	4	-17	851.3	117.6	-15.2	97.1	-25.3
3RD	24.00	32.2	.4	8320	9672	3.9	.0	-0	-3	819.1	117.2	-13.3	83.8	-25.0
4TH	40.00	50.1	4.8	9280	7246	5.4	.7	1	5	769.0	112.4	-11.5	71.1	-25.7
5TH	56.00	57.8	10.1	9280	7097	6.2	1.4	2	6	711.2	102.3	-9.7	59.2	-26.8
6TH	69.00	53.5	5.1	7540	3061	7.1	1.7	0	0	657.7	97.2	-8.4	50.3	-26.8
7TH	82.00	52.5	5.4	7540	2107	7.0	2.6	-0	-2	605.2	91.8	-7.2	42.1	-26.5
8TH	95.00	51.1	4.6	7540	1952	6.8	2.4	-1	-6	554.1	87.2	-6.0	34.6	-25.5
9TH	108.00	54.4	5.3	7540	1709	7.2	3.1	-1	-8	499.7	81.8	-4.9	27.7	-24.2
10TH	121.00	61.2	6.9	7540	1300	8.1	5.3	-1	-8	438.5	74.9	-3.9	21.6	-22.7
11TH	134.00	60.6	7.3	7540	1300	8.0	5.6	-2	-10	377.9	67.6	-3.0	16.3	-21.0
12TH	147.00	60.0	7.7	7540	1300	8.0	5.9	-2	-11	317.9	59.9	-2.2	11.8	-19.1
13TH	160.00	59.3	9.6	7540	1300	7.9	7.4	-3	-13	258.7	50.3	-1.5	8.1	-16.7
14TH	173.00	58.5	11.7	7540	1300	7.8	9.0	-5	-16	200.2	38.6	-.9	5.1	-13.9
15TH	186.00	57.8	13.4	7540	1300	7.7	10.3	-6	-18	142.4	25.3	-.5	2.9	-10.7
16TH	199.00	53.1	11.2	7540	1300	7.0	8.6	-6	-21	89.3	14.1	-.2	1.4	-7.3
ROOF	213.00	49.6	8.5	8120	1400	6.1	6.1	-6	-23	39.7	5.5	-.1	.4	-3.9
PENT	228.50	30.0	3.8	4712	1229	6.4	3.1	-6	-34	9.7	1.7	-.0	.1	-.9
TOP	242.00	9.7	1.7	1683	525	5.8	3.3	-8	-31	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									881.9	79.3	-16.3	112.8	-88.7
2ND	8.00	4.8	-11.8	4000	5380	1.2	-2.2	79	-22	877.1	91.1	-15.6	105.7	-86.5
3RD	24.00	19.0	-14.1	8320	9672	2.3	-1.5	43	-40	858.1	105.2	-14.0	91.8	-83.1
4TH	40.00	40.6	-4.5	9280	7246	4.4	-.6	3	-20	817.5	109.7	-12.3	78.4	-80.6
5TH	56.00	50.7	5.3	9280	7097	5.5	.8	-2	-15	766.8	104.3	-10.6	65.8	-78.4
6TH	69.00	51.1	3.5	7540	3061	6.8	1.1	-2	-20	715.7	100.8	-9.3	56.1	-75.5
7TH	82.00	52.8	5.3	7540	2107	7.0	2.5	-4	-24	663.0	95.5	-8.0	47.2	-71.8
8TH	95.00	53.4	4.7	7540	1952	7.1	2.4	-4	-29	609.6	90.8	-6.8	38.9	-67.3
9TH	108.00	56.4	5.0	7540	1709	7.5	2.9	-4	-31	553.1	85.8	-5.6	31.3	-62.2
10TH	121.00	63.6	6.3	7540	1300	8.4	4.8	-4	-31	489.6	79.5	-4.5	24.6	-56.4
11TH	134.00	64.1	7.0	7540	1300	8.5	5.4	-5	-34	425.5	72.5	-3.6	18.6	-50.1
12TH	147.00	64.8	7.5	7540	1300	8.6	5.8	-6	-35	360.7	65.0	-2.7	13.5	-43.4
13TH	160.00	65.5	9.2	7540	1300	8.7	7.1	-8	-37	295.3	55.8	-1.9	9.2	-36.2
14TH	173.00	66.2	11.0	7540	1300	8.8	8.4	-9	-38	229.1	44.8	-1.2	5.8	-28.7
15TH	186.00	67.1	12.7	7540	1300	8.9	9.7	-11	-40	161.9	32.1	-.7	3.3	-20.7
16TH	199.00	60.6	11.3	7540	1300	8.0	8.7	-11	-42	101.3	20.8	-.4	1.6	-13.1
ROOF	213.00	54.3	9.8	8120	1400	6.7	7.0	-12	-45	47.0	11.0	-.2	.5	-5.8
PENT	228.50	35.4	6.2	4712	1229	7.5	5.0	-11	-44	11.5	4.8	-.0	.1	-1.1
TOP	242.00	11.5	4.8	1683	525	6.8	9.2	-17	-27	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									876.5	57.1	-16.7	112.2	-142.5
2ND	8.00	3.6	-18.1	4000	5380	.9	-3.4	117	-16	873.0	75.2	-16.2	105.2	-138.1
3RD	24.00	16.1	-23.8	8320	9672	1.9	-2.5	106	-50	856.8	99.0	-14.8	91.4	-130.7
4TH	40.00	37.2	-11.0	9280	7246	4.0	-1.5	21	-49	819.6	110.0	-13.1	77.9	-124.9
5TH	56.00	54.1	.7	9280	7097	5.8	.1	-1	-37	765.5	109.2	-11.4	65.3	-119.1
6TH	69.00	55.2	1.1	7540	3061	7.3	.4	-1	-39	710.2	108.1	-9.9	55.7	-112.9
7TH	82.00	54.1	4.9	7540	2107	7.2	2.3	-6	-45	656.1	103.2	-8.6	46.8	-105.9
8TH	95.00	53.2	4.8	7540	1952	7.0	2.5	-7	-50	603.0	98.4	-7.3	38.6	-98.0
9TH	108.00	56.0	5.2	7540	1709	7.4	3.1	-7	-51	547.0	93.2	-6.0	31.1	-89.6
10TH	121.00	61.9	6.9	7540	1300	8.2	5.3	-8	-50	485.1	86.3	-4.9	24.4	-80.6
11TH	134.00	62.7	8.3	7540	1300	8.3	6.4	-10	-51	422.4	77.9	-3.8	18.5	-71.2
12TH	147.00	63.4	9.3	7540	1300	8.4	7.1	-11	-52	359.0	68.6	-2.8	13.4	-61.4
13TH	160.00	64.2	10.6	7540	1300	8.5	8.1	-13	-54	294.8	58.1	-2.0	9.2	-51.1
14TH	173.00	65.2	11.9	7540	1300	8.6	9.2	-15	-55	229.6	46.1	-1.3	5.8	-40.4
15TH	186.00	66.3	13.2	7540	1300	8.8	10.1	-16	-56	163.3	32.9	-.8	3.2	-29.3
16TH	199.00	61.6	11.0	7540	1300	8.2	8.4	-15	-59	101.7	22.0	-.5	1.5	-18.4
ROOF	213.00	57.7	8.2	8120	1400	7.1	5.9	-13	-64	44.1	13.7	-.2	.5	-7.5
PENT	228.50	33.7	6.6	4712	1229	7.2	5.3	-18	-64	10.4	7.2	-.0	.1	-1.0
TOP	242.00	10.4	7.2	1683	525	6.2	13.7	-23	-23	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									971.0	13.7	-13.9	122.4	-170.8
2ND	8.00	5.5	-24.5	4000	5380	1.4	-4.6	108	-17	965.5	38.2	-13.7	114.6	-165.2
3RD	24.00	21.5	-33.2	8320	9672	2.6	-3.4	106	-47	944.0	71.4	-12.8	99.3	-155.3
4TH	40.00	44.6	-16.0	9280	7246	4.8	-2.2	30	-58	899.4	87.4	-11.5	84.6	-146.8
5TH	56.00	62.8	-3.8	9280	7097	6.8	-.5	4	-46	836.5	91.2	-10.1	70.7	-138.4
6TH	69.00	60.0	-.4	7540	3061	8.0	-.1	1	-47	776.6	91.7	-8.9	60.2	-130.3
7TH	82.00	60.3	3.9	7540	2107	8.0	1.9	-5	-51	716.3	87.8	-7.7	50.5	-121.5
8TH	95.00	60.0	3.7	7540	1952	8.0	1.9	-5	-54	656.3	84.0	-6.6	41.6	-112.0
9TH	108.00	60.7	4.1	7540	1709	8.1	2.4	-6	-58	595.5	79.9	-5.5	33.5	-101.6
10TH	121.00	68.3	5.3	7540	1300	9.1	4.1	-6	-55	527.2	74.5	-4.5	26.2	-90.7
11TH	134.00	69.2	6.4	7540	1300	9.2	4.9	-7	-55	458.1	68.2	-3.6	19.8	-79.5
12TH	147.00	70.1	7.0	7540	1300	9.3	5.4	-8	-56	388.0	61.1	-2.8	14.3	-68.1
13TH	160.00	71.1	8.2	7540	1300	9.4	6.3	-9	-56	316.9	52.9	-2.0	9.7	-56.3
14TH	173.00	72.0	9.5	7540	1300	9.6	7.3	-11	-57	244.9	43.4	-1.4	6.0	-44.3
15TH	186.00	73.3	10.8	7540	1300	9.7	8.3	-12	-57	171.6	32.6	-.9	3.3	-31.8
16TH	199.00	66.8	9.1	7540	1300	8.9	7.0	-12	-61	104.7	23.5	-.6	1.5	-19.9
ROOF	213.00	60.6	6.9	8120	1400	7.5	4.9	-11	-67	44.1	16.6	-.3	.5	-8.0
PENT	228.50	34.4	6.8	4712	1229	7.3	5.5	-19	-67	9.7	9.8	-.1	.1	-1.0
TOP	242.00	9.7	9.8	1683	525	5.8	18.7	-27	-18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									891.0	-2.7	-10.6	110.7	-174.3
2ND	8.00	4.8	-24.9	4000	5380	1.2	-4.6	136	-18	886.2	22.2	-10.6	103.6	-167.3
3RD	24.00	20.8	-31.8	8320	9672	2.5	-3.3	133	-60	865.4	53.9	-9.9	89.6	-155.3
4TH	40.00	44.7	-13.3	9280	7246	4.8	-1.8	30	-69	820.7	67.2	-9.0	76.1	-145.6
5TH	56.00	63.1	-1.5	9280	7097	6.8	-.2	2	-50	757.6	68.7	-7.9	63.5	-136.4
6TH	69.00	58.7	-.8	7540	3061	7.8	-.2	1	-51	699.0	69.5	-7.0	54.0	-127.8
7TH	82.00	56.2	2.3	7540	2107	7.5	1.1	-3	-56	642.7	67.2	-6.1	45.3	-118.7
8TH	95.00	54.3	2.5	7540	1952	7.2	1.3	-4	-60	588.4	64.7	-5.2	37.3	-109.3
9TH	108.00	55.6	3.1	7540	1709	7.4	1.8	-5	-61	532.8	61.6	-4.4	30.0	-99.5
10TH	121.00	59.5	4.0	7540	1300	7.9	3.1	-6	-59	473.3	57.6	-3.6	23.5	-89.2
11TH	134.00	61.0	4.7	7540	1300	8.1	3.6	-7	-60	412.3	53.0	-2.9	17.7	-78.6
12TH	147.00	62.5	5.2	7540	1300	8.3	4.0	-7	-61	349.9	47.8	-2.3	12.7	-67.5
13TH	160.00	64.1	6.2	7540	1300	8.5	4.8	-9	-61	285.7	41.6	-1.7	8.6	-56.0
14TH	173.00	65.8	7.4	7540	1300	8.7	5.7	-10	-62	219.9	34.2	-1.2	5.3	-44.0
15TH	186.00	67.8	8.5	7540	1300	9.0	6.6	-11	-63	152.1	25.6	- 8	2.9	-31.5
16TH	199.00	60.9	6.4	7540	1300	8.1	4.9	-10	-67	91.2	19.2	- .5	1.3	-19.5
ROOF	213.00	53.5	3.5	8120	1400	6.6	2.5	-7	-75	37.8	15.7	- .3	.4	-7.8
PENT	228.50	28.9	5.1	4712	1229	6.1	4.1	-20	-79	8.9	10.6	- .1	.1	-1.0
TOP	242.00	8.9	10.6	1683	525	5.3	20.2	-28	-16	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN.(%) X	ECCEN.(%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									846.0	-65.2	-2.3	104.4	-170.4
2ND	8.00	3.8	-24.2	4000	5380	.9	-4.5	147	-16	842.3	-41.0	-2.7	97.7	-163.1
3RD	24.00	18.8	-31.4	8320	9672	2.3	-3.2	150	-62	823.4	-9.7	-3.1	84.3	-150.3
4TH	40.00	41.9	-13.0	9280	7246	4.5	-1.8	36	-79	781.6	3.4	-3.1	71.5	-139.8
5TH	56.00	59.5	-6.4	9280	7097	6.4	-.9	9	-56	722.1	9.7	-3.0	59.5	-130.0
6TH	69.00	59.6	-4.4	7540	3061	7.9	-1.4	5	-49	662.5	14.1	-2.9	50.5	-121.4
7TH	82.00	56.0	-1.6	7540	2107	7.4	-.8	2	-57	606.5	15.7	-2.7	42.2	-112.2
8TH	95.00	52.3	-1.8	7540	1952	6.9	-.9	3	-64	554.1	17.5	-2.5	34.7	-102.4
9TH	108.00	54.2	-1.6	7540	1709	7.2	-1.0	3	-64	499.9	19.2	-2.2	27.8	-92.4
10TH	121.00	56.1	-.9	7540	1300	7.4	-.7	1	-63	443.8	20.1	-2.0	21.7	-82.1
11TH	134.00	57.7	-.4	7540	1300	7.7	-.3	1	-62	386.1	20.5	-1.7	16.3	-71.7
12TH	147.00	59.4	-.0	7540	1300	7.9	-.0	0	-61	326.7	20.5	-1.5	11.7	-61.1
13TH	160.00	61.2	.5	7540	1300	8.1	.4	-1	-61	265.5	20.0	-1.2	7.8	-50.3
14TH	173.00	63.1	1.1	7540	1300	8.4	.8	-1	-60	202.5	18.9	-.9	4.8	-39.3
15TH	186.00	65.2	1.8	7540	1300	8.6	1.4	-2	-60	137.3	17.1	-.7	2.6	-27.9
16TH	199.00	57.3	1.3	7540	1300	7.6	1.0	-2	-64	80.0	15.7	-.5	1.1	-17.3
ROOF	213.00	48.1	.5	8120	1400	5.9	.3	-1	-74	31.8	15.3	-.3	.4	-7.0
PENT	228.50	23.7	4.5	4712	1229	5.0	3.6	-23	-85	8.2	10.8	-.1	.1	-.9
TOP	242.00	8.2	10.8	1683	525	4.8	20.5	-28	-15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									779.4	-126.0	7.5	90.1	-175.4
2ND	8.00	13.0	-22.8	4000	5380	3.2	-4.2	123	-48	766.4	-103.3	6.6	83.9	-168.0
3RD	24.00	33.3	-28.6	8320	9672	4.0	-3.0	103	-83	733.1	-74.7	5.2	71.9	-154.0
4TH	40.00	51.0	-11.0	9280	7246	5.5	-1.5	26	-83	682.1	-63.7	4.1	60.6	-141.1
5TH	56.00	62.3	-5.8	9280	7097	6.7	-.8	9	-64	619.7	-57.9	3.1	50.2	-129.4
6TH	69.00	56.8	-6.5	7540	3061	7.5	-2.1	9	-54	562.9	-51.3	2.4	42.5	-120.4
7TH	82.00	52.6	-5.5	7540	2107	7.0	-2.6	9	-61	510.3	-45.8	1.7	35.5	-111.0
8TH	95.00	47.1	-5.5	7540	1952	6.2	-2.8	12	-70	463.2	-40.3	1.2	29.2	-101.3
9TH	108.00	46.5	-5.6	7540	1709	6.2	-3.3	13	-72	416.7	-34.7	.7	23.4	-91.4
10TH	121.00	45.2	-6.0	7540	1300	6.0	-4.6	15	-76	371.5	-28.6	.3	18.3	-81.3
11TH	134.00	47.0	-6.4	7540	1300	6.2	-4.9	15	-74	324.5	-22.2	-.1	13.8	-71.0
12TH	147.00	48.6	-6.7	7540	1300	6.4	-5.2	15	-73	275.9	-15.5	-.3	9.9	-60.5
13TH	160.00	50.4	-6.9	7540	1300	6.7	-5.3	14	-72	225.5	-8.6	-.5	6.6	-49.8
14TH	173.00	52.3	-7.1	7540	1300	6.9	-5.4	14	-71	173.1	-1.5	-.5	4.1	-38.9
15TH	186.00	54.5	-6.6	7540	1300	7.2	-5.1	12	-70	118.6	5.1	-.5	2.2	-27.7
16TH	199.00	49.6	-4.7	7540	1300	6.6	-3.6	10	-74	69.0	9.8	-.4	.9	-17.0
ROOF	213.00	44.3	-2.6	8120	1400	5.4	-1.8	7	-83	24.7	12.4	-.2	.3	-6.2
PENT	228.50	18.6	2.2	4712	1229	4.0	1.8	-17	-101	6.1	10.2	-.1	.0	-.7
TOP	242.00	6.1	10.2	1683	525	3.6	19.4	-25	-10	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									638.5	-147.3	12.7	72.6	-142.5
2ND	8.00	17.8	-20.3	4000	5380	4.4	-3.8	84	-51	620.7	-127.0	11.6	67.6	-136.5
3RD	24.00	36.3	-26.1	8320	9672	4.4	-2.7	77	-74	584.4	-100.9	9.8	57.9	-124.8
4TH	40.00	42.8	-9.4	9280	7246	4.6	-1.3	28	-88	541.6	-91.5	8.2	48.9	-113.3
5TH	56.00	47.3	-8.6	9280	7097	5.1	-1.2	20	-77	494.3	-82.9	6.8	40.6	-102.4
6TH	69.00	40.3	-6.8	7540	3061	5.3	-2.2	16	-65	453.9	-76.2	5.8	34.5	-94.6
7TH	82.00	39.5	-5.7	7540	2107	5.2	-2.7	14	-66	414.5	-70.5	4.8	28.8	-86.9
8TH	95.00	37.5	-5.4	7540	1952	5.0	-2.8	15	-69	377.0	-65.1	4.0	23.7	-79.2
9TH	108.00	36.9	-5.5	7540	1709	4.9	-3.2	15	-71	340.1	-59.6	3.1	19.0	-71.4
10TH	121.00	38.8	-6.5	7540	1300	5.1	-5.0	16	-65	301.3	-53.1	2.4	14.9	-63.9
11TH	134.00	39.4	-7.0	7540	1300	5.2	-5.4	17	-66	261.9	-46.1	1.8	11.2	-56.2
12TH	147.00	40.1	-7.6	7540	1300	5.3	-5.9	18	-66	221.8	-38.5	1.2	8.0	-48.2
13TH	160.00	40.9	-8.1	7540	1300	5.4	-6.2	19	-66	180.9	-30.3	.8	5.4	-40.0
14TH	173.00	41.6	-8.6	7540	1300	5.5	-6.6	20	-67	139.3	-21.8	.4	3.3	-31.6
15TH	186.00	42.7	-8.3	7540	1300	5.7	-6.4	19	-68	96.6	-13.5	.2	1.8	-22.8
16TH	199.00	39.0	-6.3	7540	1300	5.2	-4.8	18	-75	57.5	-7.2	.1	.8	-14.1
ROOF	213.00	35.5	-4.1	8120	1400	4.4	-3.0	15	-87	22.0	-3.1	.0	.3	-5.0
PENT	228.50	16.1	-4.7	4712	1229	3.4	-3.8	36	-84	5.9	1.6	-.0	.0	-.7
TOP	242.00	5.9	1.6	1683	525	3.5	3.1	-16	-40	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									459.6	-90.3	9.2	49.7	-99.8
2ND	8.00	18.0	-13.3	4000	5380	4.5	-2.5	51	-48	441.6	-77.0	8.5	46.1	-96.0
3RD	24.00	34.5	-15.0	8320	9672	4.1	-1.5	42	-66	407.1	-62.0	7.4	39.3	-88.2
4TH	40.00	36.1	-1.3	9280	7246	3.9	-.2	4	-76	371.0	-60.7	6.4	33.1	-80.2
5TH	56.00	34.9	-1.9	9280	7097	3.8	-.3	6	-78	336.2	-58.9	5.5	27.5	-72.3
6TH	69.00	29.1	-2.9	7540	3061	3.9	-1.0	10	-66	307.1	-55.9	4.7	23.3	-66.7
7TH	82.00	27.6	-3.8	7540	2107	3.7	-1.8	14	-71	279.5	-52.2	4.0	19.5	-60.8
8TH	95.00	25.9	-3.4	7540	1952	3.4	-1.8	15	-80	253.6	-48.7	3.4	16.0	-54.8
9TH	108.00	25.5	-3.5	7540	1709	3.4	-2.1	17	-82	228.1	-45.2	2.8	12.9	-48.6
10TH	121.00	26.9	-4.2	7540	1300	3.6	-3.2	17	-73	201.2	-41.0	2.2	10.1	-42.7
11TH	134.00	26.8	-4.4	7540	1300	3.5	-3.4	18	-74	174.5	-36.6	1.7	7.6	-36.8
12TH	147.00	26.6	-4.9	7540	1300	3.5	-3.8	20	-73	147.9	-31.6	1.3	5.5	-31.0
13TH	160.00	26.2	-5.5	7540	1300	3.5	-4.3	22	-72	121.6	-26.1	.9	3.8	-25.2
14TH	173.00	25.9	-6.1	7540	1300	3.4	-4.7	24	-71	95.7	-20.0	.6	2.4	-19.6
15TH	186.00	26.1	-6.1	7540	1300	3.5	-4.7	24	-71	69.7	-13.9	.4	1.3	-13.9
16TH	199.00	26.3	-4.3	7540	1300	3.5	-3.3	17	-72	43.4	-9.5	.2	.6	-8.3
ROOF	213.00	28.1	-2.1	8120	1400	3.5	-1.5	8	-72	15.3	-7.4	.1	.2	-2.5
PENT	228.50	13.0	-5.5	4712	1229	2.8	-4.5	29	-47	2.3	-1.9	.0	.0	-.3
TOP	242.00	2.3	-1.9	1683	525	1.4	-3.7	37	-31	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									383.2	-11.3	1.8	40.6	-74.0
2ND	8.00	13.7	-7.7	4000	5380	3.4	-1.4	39	-48	369.5	-3.6	1.7	37.6	-71.5
3RD	24.00	29.3	-5.1	8320	9672	3.5	-.5	15	-58	340.3	1.5	1.7	31.9	-66.5
4TH	40.00	34.2	6.7	9280	7246	3.7	.9	-15	-51	306.1	-5.2	1.7	26.7	-61.2
5TH	56.00	32.4	8.2	9280	7097	3.5	1.2	-20	-55	273.7	-13.4	1.5	22.1	-55.7
6TH	69.00	24.7	2.4	7540	3061	3.3	.8	-8	-58	249.0	-15.8	1.3	18.7	-51.4
7TH	82.00	22.3	.4	7540	2107	3.0	.2	-2	-68	226.7	-16.2	1.1	15.6	-47.0
8TH	95.00	20.1	.1	7540	1952	2.7	.1	-1	-81	206.6	-16.4	.9	12.8	-42.3
9TH	108.00	20.8	-.6	7540	1709	2.8	-.3	3	-77	185.8	-15.8	.7	10.3	-37.7
10TH	121.00	21.6	-1.8	7540	1300	2.9	-1.3	8	-71	164.2	-14.1	.5	8.0	-33.2
11TH	134.00	21.8	-2.0	7540	1300	2.9	-1.5	9	-69	142.4	-12.0	.4	6.0	-28.8
12TH	147.00	22.0	-2.4	7540	1300	2.9	-1.9	11	-67	120.4	-9.6	.2	4.3	-24.5
13TH	160.00	22.4	-2.8	7540	1300	3.0	-2.1	12	-65	98.0	-6.9	.1	2.9	-20.2
14TH	173.00	22.8	-3.1	7540	1300	3.0	-2.4	13	-64	75.1	-3.7	.0	1.7	-15.8
15TH	186.00	23.5	-3.0	7540	1300	3.1	-2.3	12	-63	51.6	-.8	.0	.9	-11.5
16TH	199.00	21.9	-1.0	7540	1300	2.9	-.8	5	-69	29.7	.3	.0	.4	-7.1
ROOF	213.00	20.4	1.6	8120	1400	2.5	1.2	-9	-80	9.3	-1.4	-.0	.1	-2.3
PENT	228.50	7.0	-2.1	4712	1229	1.5	-1.7	38	-87	2.3	.8	-.0	.0	-.4
TOP	242.00	2.3	.8	1683	525	1.3	1.5	-25	-52	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									344.4	32.1	-4.9	34.7	-59.9
2ND	8.00	13.1	-6.9	4000	5380	3.3	-1.3	30	-40	331.3	39.0	-4.7	32.0	-58.0
3RD	24.00	27.4	-4.1	8320	9672	3.3	-.4	10	-48	303.9	43.1	-4.0	26.9	-54.1
4TH	40.00	31.1	7.6	9280	7246	3.3	1.1	-15	-42	272.9	35.4	-3.4	22.3	-50.1
5TH	56.00	28.8	7.8	9280	7097	3.1	1.1	-19	-48	244.1	27.7	-2.9	18.2	-45.8
6TH	69.00	25.0	3.7	7540	3061	3.3	1.2	-10	-46	219.1	23.9	-2.5	15.2	-42.4
7TH	82.00	23.3	2.1	7540	2107	3.1	1.0	-7	-56	195.8	21.8	-2.2	12.5	-38.6
8TH	95.00	20.2	1.9	7540	1952	2.7	1.0	-10	-70	175.6	19.9	-2.0	10.0	-34.4
9TH	108.00	18.6	1.6	7540	1709	2.5	1.0	-10	-80	157.0	18.3	-1.7	7.9	-30.1
10TH	121.00	23.6	.6	7540	1300	3.1	.5	-2	-57	133.4	17.7	-1.5	6.0	-26.1
11TH	134.00	22.1	.8	7540	1300	2.9	.6	-3	-58	111.3	16.9	-1.3	4.4	-22.4
12TH	147.00	20.6	.8	7540	1300	2.7	.6	-3	-59	90.7	16.1	-1.0	3.1	-18.9
13TH	160.00	19.4	.5	7540	1300	2.6	.4	-2	-61	71.3	15.6	-.8	2.0	-15.4
14TH	173.00	18.1	.3	7540	1300	2.4	.2	-1	-64	53.2	15.3	-.6	1.2	-12.1
15TH	186.00	16.8	.4	7540	1300	2.2	.3	-2	-67	36.4	15.0	-.4	.6	-8.8
16TH	199.00	15.5	2.4	7540	1300	2.1	1.8	-16	-71	20.9	12.6	-.3	.3	-5.5
ROOF	213.00	14.8	5.3	8120	1400	1.8	3.8	-38	-72	6.1	7.3	-.1	.1	-2.0
PENT	228.50	3.3	3.0	4712	1229	.7	2.4	-123	-94	2.8	4.3	-.0	.0	-.4
TOP	242.00	2.8	4.3	1683	525	1.7	8.2	-32	-15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									131.5	51.8	-7.3	11.4	-38.9
2ND	8.00	6.6	-5.1	4000	5380	1.6	-.9	49	-44	125.0	56.9	-6.8	10.4	-37.6
3RD	24.00	13.1	-2.2	8320	9672	1.6	-.2	16	-67	111.9	59.0	-5.9	8.5	-35.0
4TH	40.00	14.1	7.6	9280	7246	1.5	1.1	-37	-48	97.8	51.4	-5.0	6.8	-32.5
5TH	56.00	14.4	7.9	9280	7097	1.5	1.1	-41	-51	83.4	43.5	-4.3	5.3	-29.7
6TH	69.00	12.6	4.5	7540	3061	1.7	1.5	-30	-57	70.8	39.0	-3.7	4.3	-27.3
7TH	82.00	11.0	2.8	7540	2107	1.5	1.3	-30	-81	59.8	36.2	-3.2	3.5	-24.6
8TH	95.00	8.6	3.0	7540	1952	1.1	1.5	-53	-107	51.1	33.2	-2.8	2.8	-21.6
9TH	108.00	7.1	2.7	7540	1709	.9	1.6	-71	-129	44.0	30.5	-2.4	2.1	-18.5
10TH	121.00	6.2	2.2	7540	1300	.8	1.7	-63	-125	37.8	28.4	-2.0	1.6	-16.0
11TH	134.00	5.9	2.3	7540	1300	.8	1.8	-69	-122	31.9	26.1	-1.6	1.2	-13.6
12TH	147.00	5.7	2.3	7540	1300	.8	1.7	-69	-120	26.2	23.8	-1.3	.8	-11.3
13TH	160.00	5.7	2.2	7540	1300	.8	1.7	-67	-117	20.5	21.5	-1.0	.5	-9.1
14TH	173.00	5.6	2.2	7540	1300	.7	1.7	-65	-114	14.9	19.3	-.7	.3	-6.9
15TH	186.00	5.6	2.5	7540	1300	.7	1.9	-69	-105	9.2	16.8	-.5	.1	-4.9
16TH	199.00	5.2	3.2	7540	1300	.7	2.5	-87	-98	4.0	13.6	-.3	.0	-2.8
ROOF	213.00	4.7	4.2	8120	1400	.6	3.0	-113	-86	-.6	9.4	-.2	-.0	-.7
PENT	228.50	-.1	4.0	4712	1229	-.0	3.2	-99	1	-.5	5.4	-.0	-.0	.1
TOP	242.00	-.5	5.4	1683	525	-.3	10.2	7	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-33.5	-20.0	-3.7	-8.9	1.9
2ND	8.00	2.3	-15.0	4000	5380	.6	-2.8	25	-3	-35.8	-5.0	-3.8	-8.6	2.7
3RD	24.00	5.3	-19.6	8320	9672	.6	-2.0	39	-7	-41.1	14.6	-3.7	-8.0	4.4
4TH	40.00	6.9	-7.6	9280	7246	.7	-1.0	66	-41	-48.0	22.2	-3.4	-7.3	6.2
5TH	56.00	6.1	-3.3	9280	7097	.7	-.5	56	-72	-54.1	25.4	-3.1	-6.5	7.8
6TH	69.00	2.7	-.6	7540	3061	.4	-.2	24	-75	-56.8	26.0	-2.7	-5.7	8.5
7TH	82.00	.4	.5	7540	2107	.1	.2	-253	-144	-57.3	25.5	-2.4	-5.0	8.9
8TH	95.00	-.2	1.1	7540	1952	-.0	.5	-272	34	-57.1	24.5	-2.1	-4.3	9.5
9TH	108.00	-1.8	1.7	7540	1709	-.2	1.0	-54	40	-55.2	22.8	-1.8	-3.5	9.9
10TH	121.00	-5.4	2.4	7540	1300	-.7	1.9	8	-13	-49.9	20.4	-1.5	-2.8	9.6
11TH	134.00	-5.6	2.1	7540	1300	-.7	1.6	15	-28	-44.2	18.2	-1.2	-2.2	9.1
12TH	147.00	-5.8	1.9	7540	1300	-.8	1.4	20	-43	-38.4	16.4	-1.0	-1.7	8.3
13TH	160.00	-5.9	1.6	7540	1300	-.8	1.2	23	-57	-32.5	14.7	-.8	-1.2	7.3
14TH	173.00	-5.9	1.3	7540	1300	-.8	1.0	24	-71	-26.6	13.4	-.6	-.8	6.0
15TH	186.00	-5.7	1.0	7540	1300	-.8	.7	21	-86	-20.9	12.4	-.5	-.5	4.5
16TH	199.00	-5.5	1.2	7540	1300	-.7	.9	28	-89	-15.5	11.2	-.3	-.3	3.1
ROOF	213.00	-5.8	1.8	8120	1400	-.7	1.3	38	-85	-9.6	9.4	-.2	-.1	1.5
PENT	228.50	-6.3	3.7	4712	1229	-1.3	3.0	34	-40	-3.3	5.8	-.0	-.0	.5
TOP	242.00	-3.3	5.8	1683	525	-2.0	11.0	32	-13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-61.8	-82.2	.6	-11.8	37.3
2ND	8.00	.2	-18.0	4000	5380	.1	-3.3	2	-0	-62.1	-64.3	0	-11.3	37.3
3RD	24.00	4.3	-26.5	8320	9672	.5	-2.7	7	-1	-66.3	-37.8	-.8	-10.3	37.7
4TH	40.00	9.9	-19.3	9280	7246	1.1	-2.7	22	-8	-76.3	-18.5	-1.2	-9.1	38.8
5TH	56.00	10.3	-16.0	9280	7097	1.1	-2.3	18	-8	-86.6	-2.5	-1.4	-7.8	39.6
6TH	69.00	-2.0	-7.5	7540	3061	-.3	-2.5	-29	-5	-84.6	5.0	-1.4	-6.7	39.1
7TH	82.00	-6.5	-4.1	7540	2107	-.9	-2.0	-51	-55	-78.1	9.1	-1.3	-5.6	37.7
8TH	95.00	-3.7	-3.1	7540	1952	-.5	-1.6	-111	-92	-74.4	12.2	-1.1	-4.6	36.0
9TH	108.00	-5.9	-1.5	7540	1709	-.8	-.9	-45	-124	-68.5	13.7	-1.0	-3.7	33.7
10TH	121.00	-9.4	1.2	7540	1300	-1.2	.9	23	-126	-59.1	12.5	-.8	-2.9	30.2
11TH	134.00	-9.2	1.6	7540	1300	-1.2	1.2	34	-134	-49.8	10.9	-.7	-2.2	26.5
12TH	147.00	-9.0	1.9	7540	1300	-1.2	1.5	44	-142	-40.9	9.0	-.5	-1.6	22.7
13TH	160.00	-8.3	1.7	7540	1300	-1.1	1.3	48	-158	-32.6	7.3	-.4	-1.1	18.7
14TH	173.00	-7.5	1.5	7540	1300	-1.0	1.2	53	-179	-25.1	5.8	-.3	-.7	14.7
15TH	186.00	-7.1	.7	7540	1300	-.9	.5	28	-203	-18.0	5.1	-.3	-.5	10.5
16TH	199.00	-5.6	-.1	7540	1300	-.7	-.1	-8	-249	-12.4	5.2	-.2	-.3	6.4
ROOF	213.00	-3.8	-.9	8120	1400	-.5	-.7	-123	-341	-8.6	6.2	-.1	-.1	2.4
PENT	228.50	-5.2	1.5	4712	1229	-1.1	1.2	49	-116	-3.4	4.6	-.0	-.0	.5
TOP	242.00	-3.4	4.6	1683	525	-2.0	8.8	38	-19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-147.9	-152.1	3.2	-20.6	51.5
2ND	8.00	-1.3	-27.0	4000	5380	-.3	-5.0	17	1	-146.6	-125.1	2.1	-19.5	52.4
3RD	24.00	-.6	-44.5	8320	9672	-.1	-4.6	19	0	-146.0	-80.7	.4	-17.1	54.1
4TH	40.00	1.6	-35.4	9280	7246	.2	-4.9	23	-1	-147.6	-45.3	-.6	-14.8	55.7
5TH	56.00	2.2	-29.8	9280	7097	.2	-4.2	24	-1	-149.8	-15.5	-1.1	-12.4	57.2
6TH	69.00	-12.1	-14.3	7540	3061	-1.6	-4.7	-19	-11	-137.7	-1.2	-1.2	-10.5	56.2
7TH	82.00	-14.5	-6.9	7540	2107	-1.9	-3.3	-42	-62	-123.2	5.6	-1.2	-8.8	53.0
8TH	95.00	-6.8	-4.6	7540	1952	-.9	-2.3	-114	-116	-116.4	10.2	-1.0	-7.3	49.7
9TH	108.00	-9.4	-2.5	7540	1709	-1.2	-1.5	-47	-121	-107.0	12.7	-.9	-5.8	46.2
10TH	121.00	-13.8	.9	7540	1300	-1.8	.7	12	-126	-93.2	11.8	-.7	-4.5	41.1
11TH	134.00	-13.9	1.3	7540	1300	-1.8	1.0	17	-130	-79.3	10.5	-.6	-3.4	35.8
12TH	147.00	-13.7	1.6	7540	1300	-1.8	1.2	23	-136	-65.6	8.9	-.5	-2.5	30.3
13TH	160.00	-12.9	1.8	7540	1300	-1.7	1.4	29	-145	-52.7	7.2	-.4	-1.7	24.8
14TH	173.00	-12.1	1.9	7540	1300	-1.6	1.5	35	-155	-40.6	5.3	-.3	-1.1	19.2
15TH	186.00	-12.0	1.1	7540	1300	-1.6	.9	23	-165	-28.5	4.1	-.2	-.6	13.4
16TH	199.00	-10.3	.1	7540	1300	-1.4	.1	2	-182	-18.2	4.1	-.2	-.3	7.9
ROOF	213.00	-8.3	-1.1	8120	1400	-1.0	-.8	-40	-210	-9.9	5.2	-.1	-.1	2.8
PENT	228.50	-6.2	.8	4712	1229	-1.3	.7	23	-121	-3.7	4.4	-.0	-.0	.6
TOP	242.00	-3.7	4.4	1683	525	-2.2	8.3	39	-23	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-270.8	-149.6	3.0	-32.5	61.0
2ND	8.00	-1.5	-20.8	4000	5380	-.4	-3.9	5	0	-269.3	-128.8	1.9	-30.3	61.2
3RD	24.00	-7.0	-38.4	8320	9672	-.8	-4.0	10	1	-262.3	-90.4	.1	-26.1	62.0
4TH	40.00	-13.8	-38.4	9280	7246	-1.5	-5.3	20	5	-248.5	-52.0	-1.0	-22.0	63.7
5TH	56.00	-10.6	-35.5	9280	7097	-1.1	-5.0	24	5	-237.9	-16.4	-1.5	-18.1	65.6
6TH	69.00	-22.0	-17.0	7540	3061	-2.9	-5.5	-14	-13	-215.9	.6	-1.7	-15.1	64.3
7TH	82.00	-25.3	-7.8	7540	2107	-3.4	-3.7	-23	-52	-190.5	8.4	-1.6	-12.5	60.1
8TH	95.00	-17.2	-5.9	7540	1952	-2.3	-3.0	-39	-77	-173.4	14.3	-1.4	-10.1	55.8
9TH	108.00	-18.7	-3.5	7540	1709	-2.5	-2.1	-21	-77	-154.7	17.8	-1.2	-8.0	51.5
10TH	121.00	-21.8	1.1	7540	1300	-2.9	.8	6	-91	-132.9	16.8	-1.0	-6.1	45.7
11TH	134.00	-21.2	1.8	7540	1300	-2.8	1.4	12	-96	-111.7	14.9	-.8	-4.5	39.7
12TH	147.00	-20.4	2.3	7540	1300	-2.7	1.8	17	-102	-91.3	12.6	-.6	-3.2	33.7
13TH	160.00	-19.1	2.4	7540	1300	-2.5	1.9	20	-109	-72.2	10.2	-.5	-2.2	27.5
14TH	173.00	-17.7	2.5	7540	1300	-2.4	1.9	25	-119	-54.4	7.6	-.4	-1.3	21.3
15TH	186.00	-17.4	1.7	7540	1300	-2.3	1.3	19	-129	-37.1	5.9	-.3	-.7	14.7
16TH	199.00	-14.8	.5	7540	1300	-2.0	.4	7	-143	-22.3	5.4	-.2	-.4	8.6
ROOF	213.00	-11.9	-.8	8120	1400	-1.5	-.6	-16	-164	-10.4	6.2	-.1	-.1	2.9
PENT	228.50	-6.8	1.2	4712	1229	-1.4	.9	28	-114	-3.6	5.0	-.0	-.0	.6
TOP	242.00	-3.6	5.0	1683	525	-2.1	9.6	38	-19	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER PLACE, PHASE 4
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 200 FT IN THE X DIRECTION AND 290 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-532.4	-153.6	1.8	-55.9	62.8
2ND	8.00	-11.6	-22.3	4000	5380	-2.9	-4.1	11	4	-520.8	-131.3	.7	-51.7	63.4
3RD	24.00	-32.3	-43.3	8320	9672	-3.9	-4.5	11	5	-488.4	-87.9	-1.1	-43.6	64.9
4TH	40.00	-49.9	-43.4	9280	7246	-5.4	-6.0	9	7	-438.5	-44.6	-2.1	-36.2	66.7
5TH	56.00	-40.6	-37.4	9280	7097	-4.4	-5.3	12	9	-397.9	-7.2	-2.6	-29.5	68.6
6TH	69.00	-40.8	-17.4	7540	3061	-5.4	-5.7	-7	-11	-357.1	10.1	-2.5	-24.6	67.1
7TH	82.00	-43.1	-8.2	7540	2107	-5.7	-3.9	-9	-32	-314.0	18.3	-2.4	-20.2	63.0
8TH	95.00	-33.4	-5.9	7540	1952	-4.4	-3.0	-10	-40	-280.7	24.3	-2.1	-16.4	59.0
9TH	108.00	-32.4	-3.1	7540	1709	-4.3	-1.8	-6	-45	-248.3	27.4	-1.7	-12.9	54.7
10TH	121.00	-36.2	2.6	7540	1300	-4.8	2.0	6	-56	-212.1	24.8	-1.4	-9.9	48.9
11TH	134.00	-34.1	3.5	7540	1300	-4.5	2.7	9	-61	-178.0	21.2	-1.1	-7.4	42.8
12TH	147.00	-32.0	4.0	7540	1300	-4.2	3.1	12	-66	-146.1	17.2	-.9	-5.3	36.6
13TH	160.00	-29.7	3.6	7540	1300	-3.9	2.8	13	-73	-116.3	13.6	-.7	-3.6	30.1
14TH	173.00	-27.4	3.2	7540	1300	-3.6	2.5	14	-82	-88.9	10.3	-.5	-2.2	23.5
15TH	186.00	-25.6	1.7	7540	1300	-3.4	1.3	9	-93	-63.3	8.6	-.4	-1.3	16.6
16TH	199.00	-23.6	.6	7540	1300	-3.1	.4	3	-96	-39.8	8.0	-.3	-.6	10.0
ROOF	213.00	-23.0	-.5	8120	1400	-2.8	-.3	-3	-96	-16.8	8.5	-.2	-.2	3.5
PENT	228.50	-13.0	2.3	4712	1229	-2.8	1.9	19	-75	-3.8	6.2	-.0	-.0	.6
TOP	242.00	-3.8	6.2	1683	525	-2.2	11.8	37	-16	0.0	0.0	0.0	0.0	0.0

TABLE 7. HOUSTON CENTER PLACE, PHASE 4
PROJECT 7780 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 42.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 13.00
NUMBER OF SIDES = 10 NO. OF FLOORS = 18

SIDE	ANGLE	Z-AXIS
1	0.0	8.700
2	90.0	5.700
3	180.0	8.700
4	270.0	1.500
5	90.0	6.000
6	270.0	-2.100
7	90.0	.750
8	270.0	1.050
9	90.0	6.000
10	270.0	1.500

FLOOR #	LABEL	HEIGHT-FT
1	GRND	8.00
2	2ND	16.00
3	3RD	16.00
4	4TH	16.00
5	5TH	13.00
6	6TH	13.00
7	7TH	13.00
8	8TH	13.00
9	9TH	13.00
10	10TH	13.00
11	11TH	13.00
12	12TH	13.00
13	13TH	13.00
14	14TH	13.00
15	15TH	13.00
16	16TH	14.00
17	ROOF	15.50
18	PENT	13.50

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

APPENDIX A -- PRESSURE DATA: CONFIGURATION B : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	311	-.251	.158	.196	-1.082
10	513	-.177	.132	.236	-.675
10	524	-.248	.171	.250	-1.144
10	525	-.245	.165	.184	-1.109
10	526	-.267	.171	.440	-1.097
10	920	-.234	.195	.622	-1.286
12	311	-.268	.155	.202	-.882
12	513	-.192	.142	.344	-.973
12	524	-.263	.174	.246	-1.486
12	525	-.260	.171	.258	-1.481
12	526	-.274	.188	.330	-1.098
12	920	-.239	.207	.508	-1.393
14	311	-.251	.152	.291	-.829
14	513	-.188	.137	.410	-.698
14	524	-.249	.170	.388	-1.444
14	525	-.239	.165	.387	-1.111
14	526	-.275	.189	.208	-1.215
14	920	-.239	.221	.763	-1.408
16	311	-.250	.151	.287	-.807
16	513	-.213	.144	.267	-1.173
16	524	-.289	.178	.183	-1.148
16	525	-.278	.176	.210	-1.134
16	526	-.317	.221	.467	-1.818
16	920	-.255	.263	.945	-1.619
18	311	-.241	.152	.240	-.810
18	513	-.209	.150	.217	-.962
18	524	-.283	.197	.355	-1.319
18	525	-.277	.193	.310	-1.612
18	526	-.305	.198	.237	-1.516
18	920	-.240	.262	.820	-2.796
20	311	-.210	.132	.188	-.743
20	513	-.207	.144	.209	-1.400
20	524	-.288	.211	.280	-2.069
20	525	-.280	.206	.399	-1.781
20	526	-.286	.208	.355	-1.393
20	920	-.219	.266	.782	-1.948
22	311	-.222	.141	.367	-.762
22	513	-.241	.163	.265	-1.489
22	524	-.335	.235	.283	-1.713
22	525	-.326	.230	.348	-1.615
22	526	-.315	.225	.299	-1.910
22	920	-.228	.285	.828	-1.940
24	311	-.219	.140	.222	-.803
24	513	-.255	.169	.365	-1.373
24	524	-.373	.239	.390	-1.555
24	525	-.363	.234	.556	-1.448
24	526	-.350	.237	.340	-1.750
24	920	-.253	.285	.993	-1.545
26	311	-.199	.136	.227	-.870
26	513	-.248	.177	.267	-1.450
26	524	-.364	.258	.359	-2.145
26	525	-.354	.258	.365	-2.373
26	526	-.346	.254	.559	-2.468
26	920	-.242	.300	1.043	-2.035
28	311	-.194	.140	.307	-.639
28	513	-.268	.187	.243	-1.461
28	524	-.407	.331	.248	-2.566
28	525	-.404	.329	.260	-2.808
28	526	-.362	.272	.336	-2.051
28	920	-.261	.304	1.331	-1.971
30	311	-.184	.131	.245	-.642
30	513	-.300	.190	.368	-1.331
30	524	-.439	.305	.204	-2.663
30	525	-.426	.299	.352	-2.551
30	526	-.394	.311	.457	-2.177
30	920	-.260	.320	.954	-2.029
32	311	-.163	.128	.232	-.792
32	513	-.280	.197	.261	-1.626
32	524	-.429	.315	.303	-2.572
32	525	-.401	.328	.564	-2.811
32	526	-.367	.304	.482	-2.524
32	920	-.265	.290	.641	-1.836
34	311	-.177	.136	.280	-.791
34	513	-.286	.209	.362	-1.387
34	524	-.417	.325	.315	-2.986
34	525	-.391	.339	.677	-3.212
34	526	-.351	.314	.671	-2.246
34	920	-.267	.287	.750	-1.659
36	311	-.157	.131	.351	-.618
36	513	-.255	.208	.389	-1.647
36	524	-.365	.302	.385	-2.385
36	525	-.329	.327	.908	-2.791
36	526	-.345	.316	.754	-1.862
36	920	-.288	.319	.755	-1.816
38	311	-.166	.140	.286	-.686
38	513	-.288	.215	.399	-1.531
38	524	-.405	.315	.305	-2.207
38	525	-.367	.344	.633	-2.396
38	526	-.293	.321	.494	-2.674
38	920	-.302	.302	.673	-2.263
40	311	-.176	.144	.317	-.810
40	513	-.285	.210	.384	-1.746
40	524	-.390	.303	.334	-2.856
40	525	-.336	.346	.530	-3.204
40	526	-.302	.345	.716	-2.150
40	920	-.356	.312	.956	-2.249
42	311	-.173	.135	.269	-.718
42	513	-.280	.218	.371	-1.742
42	524	-.371	.296	.420	-2.852
42	525	-.233	.353	.709	-3.077
42	526	-.239	.313	.801	-2.496
42	920	-.272	.264	.824	-1.671
44	311	-.166	.136	.266	-.783
44	513	-.254	.210	.371	-1.635
44	524	-.338	.254	.392	-3.035
44	525	-.205	.314	.755	-1.936
44	526	-.223	.294	.661	-1.699
44	920	-.303	.302	.629	-2.174
46	311	-.208	.140	.385	-.801
46	513	-.307	.230	.431	-1.737
46	524	-.388	.299	.447	-2.624
46	525	-.219	.368	.727	-2.417
46	526	-.269	.345	.611	-2.403
46	920	-.387	.324	.528	-2.043
48	311	-.184	.149	.345	-.811
48	513	-.289	.233	.509	-1.846
48	524	-.358	.271	.384	-1.796
48	525	-.118	.319	.803	-1.670
48	526	-.160	.273	.677	-2.017
48	920	-.316	.288	.623	-2.135
50	311	-.181	.148	.322	-.714
50	513	-.335	.265	.626	-1.634
50	524	-.405	.278	.428	-2.324
50	525	-.089	.326	.872	-2.369
50	526	-.176	.276	.701	-2.556
50	920	-.322	.281	.531	-2.334
52	311	-.168	.137	.333	-.678
52	513	-.296	.226	.459	-1.911
52	524	-.356	.235	.426	-1.699
52	525	-.044	.273	.931	-1.681
52	526	-.138	.261	.715	-1.947
52	920	-.337	.282	.469	-2.251
54	311	-.152	.139	.302	-.635
54	513	-.337	.225	.407	-1.395
54	524	-.373	.237	.513	-1.520
54	525	-.016	.232	.824	-1.286
54	526	-.144	.242	.841	-1.847
54	920	-.309	.262	.527	-2.013
56	311	-.152	.145	.283	-.646
56	513	-.384	.249	.504	-1.348
56	524	-.412	.252	.457	-1.370
56	525	-.029	.231	.897	-1.261
56	526	-.138	.233	.726	-1.091
56	920	-.285	.239	.430	-1.394
58	311	-.149	.141	.376	-.668
58	513	-.372	.242	.483	-1.246
58	524	-.395	.249	.512	-1.496
58	525	-.032	.221	.705	-.943
58	526	-.128	.274	.848	-1.838
58	920	-.284	.256	.601	-2.991

APPENDIX A -- PRESSURE DATA: CONFIGURATION B ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
332	311	-.221	.196	.361	-1.361
332	513	-.108	.121	.332	-.494
332	524	-.101	.123	.317	-.562
332	525	-.099	.124	.333	-.589
332	526	-.101	.113	.336	-.437
332	920	-.178	.122	.278	-.669
334	311	-.245	.212	.374	-1.152
334	513	-.122	.132	.403	-.576
334	524	-.119	.135	.387	-.572
334	525	-.127	.137	.375	-.620
334	526	-.108	.122	.312	-.561
334	920	-.180	.131	.231	-.704
336	311	-.261	.230	.678	-1.339
336	513	-.124	.127	.289	-.598
336	524	-.115	.126	.356	-.635
336	525	-.119	.128	.321	-.624
336	526	-.105	.132	.262	-.562
336	920	-.183	.140	.272	-.623
338	311	-.244	.213	.811	-1.288
338	513	-.124	.123	.286	-.570
338	524	-.118	.123	.290	-.526
338	525	-.120	.125	.277	-.550
338	526	-.102	.126	.324	-.567
338	920	-.179	.135	.361	-.628
340	311	-.242	.214	.518	-1.567
340	513	-.122	.120	.267	-.551
340	524	-.113	.120	.298	-.559
340	525	-.118	.121	.301	-.552
340	526	-.106	.131	.359	-.610
340	920	-.182	.139	.222	-.706
342	311	-.222	.194	.322	-1.463
342	513	-.123	.117	.267	-.548
342	524	-.112	.119	.293	-.503
342	525	-.120	.120	.281	-.557
342	526	-.111	.118	.309	-.509
342	920	-.188	.129	.271	-.906
344	311	-.249	.210	.508	-1.654
344	513	-.124	.122	.309	-.621
344	524	-.116	.123	.320	-.602
344	525	-.121	.125	.318	-.610
344	526	-.117	.116	.332	-.526
344	920	-.181	.123	.259	-.634
346	311	-.248	.188	.296	-1.067
346	513	-.122	.122	.267	-.617
346	524	-.113	.122	.291	-.594
346	525	-.117	.124	.298	-.594
346	526	-.111	.123	.262	-.592
346	920	-.171	.125	.222	-.649
348	311	-.265	.206	.357	-1.262
348	513	-.137	.130	.358	-.573
348	524	-.123	.132	.345	-.597
348	525	-.130	.134	.344	-.596
348	526	-.120	.127	.308	-.570
348	920	-.203	.134	.242	-.686

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1	-.314	.171	.164	-1.141
0	2	.026	.177	.961	-.580
0	3	-.275	.147	.146	-1.017
0	4	-.206	.157	.254	-.973
0	5	-.181	.154	.313	-.820
0	6	-.171	.143	.319	-.797
0	7	-.158	.154	.712	-.845
0	8	-.057	.136	.530	-.592
0	9	-.126	.115	.244	-.613
0	10	-.129	.114	.243	-.625
0	11	-.133	.115	.247	-.638
0	12	-.232	.128	.200	-.843
0	13	-.254	.143	.204	-.935
0	14	-.074	.152	.433	-.645
0	15	-.236	.138	.160	-.723
0	16	-.269	.157	.157	-1.183
0	17	-.193	.130	.163	-.740
0	18	-.064	.147	.487	-.581
0	101	-.170	.150	.627	-.806
0	102	-.094	.172	.592	-.681
0	103	-.174	.122	.350	-.610
0	104	-.210	.132	.402	-.724
0	105	-.185	.130	.252	-.660
0	106	-.022	.196	.965	-.638
0	107	-.010	.214	.821	-.701
0	108	-.155	.125	.253	-.606
0	109	-.158	.144	.282	-.661
0	110	-.176	.149	.261	-.787
0	111	-.130	.148	.725	-.744
0	112	-.173	.134	.299	-.680
0	113	-.140	.146	.806	-.725
0	114	-.126	.144	.646	-.667
0	115	-.135	.137	.367	-.598
0	116	-.127	.174	.528	-1.033
0	117	-.044	.193	.920	-.537
0	118	-.055	.168	.709	-.702
0	119	.004	.239	1.045	-1.288
0	120	-.156	.126	.296	-.580
0	121	-.170	.131	.306	-.550
0	122	-.175	.139	.402	-.644
0	123	-.161	.140	.430	-.652
0	124	-.127	.143	.385	-.599
0	125	-.088	.146	.612	-.606
0	126	-.074	.145	.435	-.598
0	127	-.016	.167	.803	-.606
0	128	.030	.180	.908	-.577
0	129	.079	.203	1.181	-.559
0	130	.052	.200	1.098	-.867
0	131	-.154	.132	.270	-.697
0	132	-.005	.166	.637	-.702
0	133	-.155	.134	.263	-.837
0	134	-.143	.128	.288	-.626
0	135	-.125	.129	.312	-.603
0	136	-.117	.130	.344	-.641
0	137	-.072	.144	.470	-.617
0	138	-.037	.145	.628	-.518
0	139	-.046	.135	.482	-.520
0	140	.003	.143	.695	-.498
0	141	.006	.147	.717	-.492
0	142	.012	.142	.800	-.643
0	143	-.129	.148	.602	-.607
0	144	-.173	.127	.211	-.690
0	145	-.046	.151	.812	-.592
0	146	-.086	.147	.512	-.869
0	147	-.182	.139	.226	-.680
0	148	-.077	.145	.504	-.835
0	149	.006	.149	.531	-.657
0	150	-.114	.122	.265	-.700
0	151	-.070	.130	.313	-.561
0	152	-.167	.125	.237	-.750
0	153	.020	.169	1.152	-.521
0	154	-.106	.171	.958	-.909
0	155	.107	.175	.987	-.437
0	156	.046	.171	.834	-.529
0	157	.004	.163	.719	-.482
0	158	.012	.128	.502	-.409
0	159	-.072	.134	.353	-.637
0	160	-.079	.130	.361	-.499
0	161	-.004	.159	.873	-.594
0	162	-.084	.134	.384	-.565
0	163	-.067	.131	.440	-.510
0	164	-.033	.144	.653	-.718
0	165	-.040	.195	.672	-1.137
0	166	-.186	.125	.259	-.871
0	167	-.195	.127	.278	-.791
0	168	-.214	.145	.484	-.811
0	169	-.026	.193	.998	-.962
0	170	.127	.230	1.125	-.761
0	171	.037	.164	.773	-.537
0	172	.054	.168	.840	-.574
0	173	-.029	.164	.564	-.619
0	174	-.077	.146	.492	-.681
0	175	-.076	.137	.430	-.568
0	176	-.129	.140	.325	-.803
0	177	-.121	.124	.657	-.616
0	178	-.079	.122	.467	-.616
0	179	-.112	.130	.404	-.639
0	180	-.182	.133	.271	-.840
0	181	-.217	.139	.294	-.749
0	182	-.048	.159	.538	-.529
0	183	.025	.170	.737	-.623
0	184	.167	.210	1.262	-.651
0	185	.029	.152	.630	-.903
0	186	.107	.172	.865	-.445
0	187	.112	.185	.902	-.474
0	188	.104	.174	.808	-.391
0	189	.030	.162	.693	-.582
0	190	-.016	.162	.571	-.757
0	191	-.064	.144	.485	-.491
0	192	-.083	.138	.383	-.537
0	193	-.126	.130	.393	-.571
0	194	-.121	.131	.366	-.674
0	195	-.069	.129	.493	-.524
0	196	-.093	.139	.510	-.641
0	197	-.174	.132	.302	-.616
0	198	-.189	.127	.215	-.649
0	199	-.110	.164	.613	-.582
0	200	-.102	.141	.338	-.545
0	201	.007	.187	.811	-.584
0	202	.126	.251	1.157	-.591
0	203	.054	.177	.720	-.584
0	204	.031	.174	.649	-.635
0	205	-.058	.175	.595	-.694
0	206	-.073	.144	.432	-.591
0	207	-.061	.132	.357	-.592
0	208	-.009	.146	.681	-.609
0	209	-.071	.132	.418	-.473
0	210	-.057	.128	.361	-.459
0	211	-.117	.127	.273	-.574
0	212	-.120	.125	.423	-.555
0	213	-.074	.125	.342	-.500
0	214	-.132	.120	.235	-.691
0	215	-.021	.192	.869	-.819
0	301	-.024	.224	.985	-.792
0	302	-.137	.146	.468	-.662
0	303	-.182	.086	.080	-.435
0	304	-.019	.239	1.295	-.837
0	305	-.138	.180	.661	-.924
0	306	-.163	.134	.243	-.590
0	307	.050	.225	.951	-1.228
0	308	-.104	.199	.806	-.818
0	309	-.315	.214	.397	-1.165
0	310	-.207	.152	.393	-.959
0	311	-.257	.165	.380	-1.300
0	312	-.173	.232	.684	-1.498
0	313	.043	.217	1.302	-.916
0	314	-.211	.146	.276	-.804
0	315	-.187	.153	.514	-.806
0	316	-.193	.135	.249	-.691
0	317	-.222	.142	.198	-.848

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	318	-.215	.139	.155	-.871
0	319	-.072	.257	.876	-1.501
0	320	-.071	.252	.797	-1.337
0	321	-.162	.229	.542	-1.137
0	322	-.201	.135	.274	-.668
0	323	-.260	.150	.193	-.919
0	324	-.254	.156	.207	-.944
0	325	-.042	.222	.683	-1.104
0	326	.010	.160	.761	-.639
0	327	-.019	.172	.829	-.783
0	328	.121	.214	1.415	-.480
0	329	-.109	.187	.530	-1.069
0	330	-.113	.121	.267	-.539
0	331	-.189	.121	.218	-.676
0	332	-.263	.139	.157	-.887
0	333	-.246	.142	.155	-.903
0	334	.115	.184	.914	-.347
0	335	-.008	.141	.519	-.453
0	336	.024	.161	.827	-.536
0	337	.103	.173	.863	-.443
0	338	.007	.224	.802	-1.073
0	339	.020	.179	.724	-.986
0	340	-.085	.130	.352	-.598
0	341	-.063	.131	.446	-.650
0	342	-.005	.140	.673	-.496
0	343	.040	.152	.639	-.580
0	344	.032	.148	.604	-.510
0	345	.043	.154	.626	-.605
0	346	-.029	.148	.443	-.676
0	347	-.009	.143	.526	-.606
0	348	-.048	.136	.440	-.465
0	349	-.177	.122	.179	-.617
0	350	-.233	.133	.173	-.758
0	351	-.232	.135	.164	-.739
0	352	-.087	.127	.360	-.543
0	353	-.067	.125	.332	-.488
0	354	-.003	.129	.539	-.414
0	355	.060	.139	.650	-.371
0	356	.028	.134	.571	-.478
0	357	.023	.130	.552	-.434
0	358	-.015	.124	.441	-.460
0	359	-.013	.128	.448	-.488
0	360	-.025	.127	.491	-.471
0	361	-.086	.120	.312	-.519
0	362	-.206	.134	.199	-.697
0	363	-.118	.122	.288	-.566
0	364	-.210	.143	.249	-.687
0	365	-.009	.152	.813	-.552
0	366	.016	.160	.700	-.591
0	367	-.021	.170	.658	-.618

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	368	-.065	.136	.512	-.542
0	369	-.088	.131	.449	-.622
0	370	-.046	.127	.404	-.520
0	371	-.051	.143	.402	-.514
0	372	-.010	.137	.559	-.459
0	373	-.017	.148	.742	-.514
0	374	-.007	.145	.547	-.566
0	375	-.014	.145	.522	-.496
0	376	-.116	.125	.282	-.552
0	377	-.147	.120	.228	-.614
0	401	-.172	.130	.243	-.674
0	402	-.130	.109	.195	-.536
0	403	-.150	.115	.251	-.570
0	404	-.156	.110	.230	-.592
0	405	-.129	.110	.254	-.520
0	406	-.134	.113	.251	-.542
0	407	-.167	.121	.246	-.563
0	408	-.176	.117	.222	-.584
0	409	-.225	.141	.251	-.946
0	410	-.207	.131	.216	-.745
0	411	-.085	.137	.353	-.590
0	412	-.175	.131	.317	-.675
0	413	-.172	.134	.336	-.785
0	414	-.153	.129	.323	-.637
0	415	-.140	.128	.290	-.611
0	416	-.147	.122	.289	-.568
0	417	-.150	.123	.259	-.591
0	418	-.141	.122	.259	-.599
0	419	-.141	.120	.269	-.570
0	420	-.133	.130	.293	-.604
0	421	-.152	.128	.281	-.561
0	422	-.137	.128	.327	-.571
0	423	-.143	.129	.325	-.583
0	424	-.138	.132	.381	-.568
0	425	-.150	.131	.383	-.570
0	426	-.134	.131	.399	-.569
0	427	-.235	.147	.208	-.819
0	428	-.204	.138	.310	-.678
0	429	-.182	.130	.347	-.577
0	430	-.160	.130	.364	-.530
0	431	-.150	.128	.376	-.547
0	432	-.130	.130	.363	-.498
0	433	-.139	.128	.333	-.503
0	434	-.112	.129	.363	-.496
0	435	-.114	.129	.350	-.502
0	436	-.112	.127	.297	-.518
0	437	-.117	.125	.285	-.503
0	438	-.127	.126	.280	-.507
0	439	-.129	.126	.267	-.517
0	440	-.128	.119	.278	-.513

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	441	-.133	.117	.271	-.508
0	442	-.128	.118	.289	-.493
0	443	-.133	.121	.277	-.519
0	444	-.201	.143	.253	-.776
0	445	-.133	.129	.304	-.529
0	446	-.213	.146	.242	-.999
0	447	-.200	.141	.282	-.750
0	448	-.168	.127	.237	-.655
0	449	-.167	.124	.221	-.648
0	450	-.134	.123	.247	-.585
0	451	-.127	.130	.375	-.656
0	452	-.148	.129	.279	-.634
0	453	-.140	.127	.297	-.532
0	454	-.136	.127	.270	-.571
0	455	-.136	.127	.272	-.530
0	456	-.131	.120	.250	-.542
0	457	-.147	.119	.238	-.532
0	458	-.126	.119	.262	-.529
0	459	-.130	.119	.243	-.535
0	460	-.132	.124	.361	-.676
0	461	-.141	.123	.357	-.684
0	462	-.130	.125	.402	-.693
0	463	-.157	.115	.266	-.596
0	464	-.161	.122	.193	-.541
0	465	-.165	.125	.204	-.570
0	466	-.228	.137	.189	-.728
0	467	-.163	.127	.228	-.577
0	468	-.143	.112	.266	-.559
0	469	-.148	.110	.254	-.561
0	470	-.121	.111	.254	-.526
0	471	-.148	.112	.223	-.562
0	472	-.144	.120	.302	-.495
0	473	-.156	.118	.285	-.513
0	474	-.140	.118	.295	-.499
0	475	-.184	.117	.309	-.479
0	476	-.172	.133	.237	-.632
0	477	-.183	.134	.223	-.658
0	478	-.131	.131	.272	-.555
0	479	-.132	.132	.272	-.563
0	480	-.150	.135	.257	-.596
0	481	-.134	.128	.286	-.539
0	482	-.218	.154	.237	-.803
0	483	-.188	.142	.241	-.720
0	484	-.173	.130	.241	-.618
0	485	-.145	.125	.304	-.599
0	486	-.144	.124	.313	-.575
0	487	-.136	.126	.270	-.544
0	488	-.146	.125	.273	-.555
0	489	-.141	.123	.260	-.564
0	490	-.145	.122	.248	-.578

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	491	-.143	.122	.262	-.552
0	492	-.121	.139	.319	-.585
0	493	-.115	.138	.309	-.694
0	494	-.116	.138	.308	-.682
0	495	-.113	.139	.315	-.670
0	496	-.118	.116	.319	-.486
0	501	-.119	.117	.285	-.466
0	502	-.156	.126	.264	-.638
0	503	-.180	.140	.262	-.742
0	504	-.159	.117	.184	-.531
0	505	-.159	.122	.233	-.747
0	506	-.166	.125	.216	-.858
0	507	-.175	.127	.210	-.604
0	508	-.175	.134	.282	-.670
0	509	-.203	.148	.344	-.946
0	510	-.139	.128	.304	-.549
0	511	-.145	.130	.331	-.603
0	512	-.157	.123	.251	-.640
0	513	-.149	.124	.256	-.671
0	514	-.160	.126	.234	-.740
0	515	-.140	.118	.265	-.555
0	516	-.141	.128	.325	-.550
0	517	-.174	.146	.345	-.725
0	518	-.142	.129	.295	-.588
0	519	-.145	.130	.294	-.520
0	520	-.155	.122	.279	-.648
0	521	-.122	.114	.303	-.521
0	522	-.127	.116	.295	-.588
0	523	-.135	.118	.296	-.513
0	524	-.167	.134	.284	-.686
0	525	-.157	.132	.303	-.606
0	526	-.156	.133	.281	-.723
0	527	-.120	.120	.315	-.513
0	528	-.128	.127	.260	-.610
0	529	-.121	.125	.278	-.584
0	530	-.133	.129	.255	-.585
0	531	-.163	.142	.243	-.761
0	532	-.155	.127	.260	-.577
0	533	-.170	.125	.286	-.633
0	534	-.166	.128	.216	-.574
0	535	-.161	.130	.261	-.773
0	536	-.119	.127	.336	-.558
0	537	-.131	.134	.292	-.689
0	538	-.142	.134	.288	-.772
0	539	-.158	.141	.270	-.819
0	540	-.130	.134	.305	-.698
0	541	-.140	.125	.246	-.563
0	542	-.120	.128	.283	-.519
0	543	-.129	.133	.299	-.575
0	544	-.157	.130	.238	-.540
0	545	-.180	.141	.310	-.769
0	546	-.118	.128	.341	-.559
0	547	-.112	.117	.301	-.563
0	548	-.121	.122	.307	-.608
0	549	-.118	.120	.280	-.550
0	550	-.117	.124	.313	-.495
0	551	-.135	.123	.378	-.476
0	552	-.137	.124	.375	-.478
0	553	-.141	.129	.441	-.555
0	554	-.138	.130	.287	-.623
0	555	-.150	.136	.285	-.842
0	556	-.150	.143	.414	-.759
0	557	-.176	.137	.269	-.711
0	558	-.192	.142	.233	-.700
0	559	-.149	.139	.311	-.830
0	560	-.160	.141	.310	-.783
0	561	-.156	.146	.355	-.834
0	562	-.167	.144	.291	-.887
0	563	-.132	.129	.285	-.541
0	564	-.121	.129	.325	-.507
0	565	-.129	.129	.305	-.519
0	566	-.118	.129	.335	-.483
0	567	-.121	.129	.333	-.501
0	568	-.129	.128	.303	-.588
0	569	-.132	.127	.275	-.572
0	570	-.131	.128	.303	-.702
0	571	-.129	.128	.296	-.625
0	572	-.126	.125	.292	-.540
0	573	-.137	.139	.347	-.887
0	574	-.134	.137	.322	-.745
0	575	-.105	.127	.306	-.586
0	576	-.166	.149	.390	-.703
0	577	-.093	.133	.328	-.595
0	578	-.077	.132	.329	-.622
0	579	-.081	.134	.376	-.620
0	580	-.045	.144	.604	-.514
0	581	.032	.143	.615	-.500
0	582	-.054	.126	.424	-.458
0	583	-.042	.134	.508	-.484
0	584	-.138	.120	.392	-.540
0	585	-.074	.136	.498	-.553
0	586	-.046	.136	.535	-.467
0	901	-.185	.115	.187	-.632
0	902	-.198	.116	.190	-.610
0	903	-.133	.141	.392	-.607
0	904	-.192	.123	.229	-.618
0	905	-.206	.128	.228	-.615
0	906	-.163	.134	.290	-.566
0	907	-.163	.123	.244	-.607
0	908	-.173	.114	.209	-.630
0	909	-.195	.090	.106	-.525
0	910	-.219	.118	.164	-.682
0	911	-.182	.122	.219	-.605
0	912	-.212	.143	.266	-.743
0	913	-.174	.146	.368	-.834
0	914	-.341	.185	.520	-1.103
0	915	-.149	.120	.283	-.608
0	916	-.203	.163	.363	-1.000
0	917	-.014	.188	.852	-.704
0	918	-.218	.122	.254	-.792
0	919	-.171	.121	.296	-.605
0	920	-.286	.164	.474	-1.557
0	921	-.193	.116	.227	-.615
0	922	-.240	.121	.150	-.658
0	923	-.186	.126	.208	-.653
0	924	-.200	.121	.202	-.656
0	925	-.173	.130	.316	-.621
0	926	-.119	.136	.324	-.607
0	927	-.030	.173	.878	-.753
0	928	.021	.210	.991	-.573
0	929	.054	.201	1.175	-.630
0	930	-.019	.171	.751	-.602
0	931	-.171	.125	.267	-.591
0	932	-.205	.124	.224	-.693
0	933	.197	.130	.405	-.758
0	935	-.050	.133	.531	-.523
0	936	-.134	.168	.543	-.975
0	937	-.092	.184	.671	-1.060
0	938	-.263	.128	.129	-.730
0	939	-.167	.130	.317	-.612
0	940	-.153	.136	.378	-.662
0	941	-.114	.140	.365	-.844
0	942	-.232	.163	.330	-1.024
0	943	-.174	.133	.299	-.721
0	944	-.194	.138	.332	-.662
0	945	-.150	.159	.554	-.842
0	946	-.171	.153	.479	-.725
0	947	-.121	.161	.631	-.929
0	948	-.197	.124	.189	-.613
0	949	-.197	.136	.330	-.721
0	950	-.183	.148	.617	-.690
0	951	-.077	.140	.424	-.674
0	952	-.092	.141	.422	-.764
0	953	-.210	.119	.190	-.638
0	954	-.292	.129	.170	-1.073
0	955	-.114	.131	.350	-.565
0	956	-.161	.147	.373	-.958
0	957	-.027	.135	.457	-.545
0	958	-.190	.147	.331	-.774
0	959	-.099	.150	.511	-.771

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	960	-.230	.121	.157	-.630
0	961	-.060	.129	.410	-.558
0	962	-.071	.213	.815	-.807
0	963	-.003	.167	.872	-.589
0	964	.002	.159	.731	-.547
0	965	-.064	.158	.509	-.778
0	966	-.143	.132	.332	-.621
0	967	-.209	.149	.294	-.812
0	968	-.167	.202	.514	-1.299
0	969	-.046	.145	.450	-.727
0	970	-.161	.133	.323	-.571
0	971	-.249	.143	.268	-.785
0	972	-.228	.174	.430	-1.119
0	973	-.055	.141	.513	-.510
0	974	-.060	.152	.437	-.715
0	975	-.054	.143	.534	-.647
0	976	-.082	.148	.808	-.712
0	977	-.177	.143	.358	-.715
0	978	-.300	.129	.108	-.878
0	979	-.212	.134	.204	-.824
0	980	-.314	.157	.163	-.915
0	981	-.181	.162	.380	-.957
0	982	-.080	.191	.909	-.998
0	983	-.059	.168	.579	-.782
0	984	-.059	.129	.460	-.546
0	985	.001	.135	.482	-.410
0	986	-.006	.132	.492	-.440
10	1	-.353	.178	.156	-1.240
10	2	-.061	.200	.894	-.598
10	3	-.314	.154	.147	-1.117
10	4	-.230	.162	.221	-1.088
10	5	-.147	.161	.484	-.951
10	6	-.128	.147	.375	-.986
10	7	-.069	.162	.706	-.819
10	8	-.060	.147	.511	-.777
10	9	-.151	.121	.252	-.630
10	10	-.139	.118	.233	-.582
10	11	-.133	.119	.245	-.606
10	12	-.227	.134	.223	-.810
10	13	-.263	.151	.161	-.878
10	14	-.065	.143	.431	-.650
10	15	-.290	.156	.195	-.881
10	16	-.361	.198	.154	-1.430
10	17	-.262	.146	.198	-.979
10	18	.065	.170	.747	-.480
10	101	-.205	.178	.591	-1.012
10	102	-.115	.170	.465	-.725
10	103	-.223	.147	.273	-.816
10	104	-.242	.169	.590	-.947
10	105	-.156	.169	.697	-.853
10	106	-.023	.201	.812	-.743
10	107	-.025	.224	1.068	-.774
10	108	-.163	.137	.258	-.736
10	109	-.182	.135	.270	-.808
10	110	-.213	.142	.252	-.794
10	111	-.145	.170	.588	-.694
10	112	-.232	.147	.300	-.805
10	113	-.133	.180	.760	-.752
10	114	-.105	.191	.882	-.744
10	115	-.107	.166	.777	-.641
10	116	-.108	.181	.668	-1.027
10	117	.020	.212	.991	-.588
10	118	-.072	.194	.796	-.666
10	119	.034	.261	1.000	-1.079
10	120	-.180	.140	.258	-.687
10	121	-.172	.140	.313	-.667
10	122	-.178	.157	.571	-.730
10	123	-.155	.150	.554	-.667
10	124	-.065	.177	.833	-.568
10	125	-.007	.186	.913	-.571
10	126	-.028	.151	.684	-.530
10	127	-.030	.172	.832	-.601
10	128	.024	.181	1.133	-.573
10	129	.108	.236	1.235	-1.206
10	130	.070	.243	1.151	-1.919
10	131	-.211	.143	.304	-.725
10	132	.004	.189	1.021	-.736
10	133	-.211	.146	.320	-.736
10	134	-.175	.131	.327	-.593
10	135	-.136	.150	.375	-.619
10	136	-.110	.155	.477	-.633
10	137	-.013	.179	.755	-.505
10	138	.029	.182	.840	-.485
10	139	.004	.147	.499	-.444
10	140	.028	.162	.904	-.445
10	141	.032	.167	.951	-.455
10	142	.020	.165	1.045	-.499
10	143	-.072	.139	.654	-.538
10	144	-.188	.139	.333	-.693
10	145	-.042	.147	.536	-.741
10	146	-.071	.148	.444	-1.015
10	147	-.258	.146	.248	-.749
10	148	-.060	.153	.457	-.919
10	149	.007	.174	.712	-.540
10	150	-.131	.138	.360	-.659
10	151	-.069	.134	.395	-.477
10	152	-.221	.140	.239	-.704
10	153	.008	.150	.997	-.404
10	154	-.073	.156	.453	-.664
10	155	.092	.165	.955	-.387
10	156	.025	.168	.887	-.576
10	157	.059	.174	.839	-.507
10	158	.038	.141	.586	-.494
10	159	-.049	.137	.455	-.552
10	160	-.058	.127	.429	-.484
10	161	-.015	.136	.508	-.451
10	162	-.056	.127	.415	-.472
10	163	-.055	.128	.407	-.499
10	164	-.033	.141	.682	-.613
10	165	-.068	.194	.597	-1.228
10	166	-.191	.143	.261	-.923
10	167	-.206	.142	.369	-.751
10	168	-.231	.145	.355	-.716
10	169	-.024	.182	.883	-.633
10	170	.118	.219	1.261	-.535
10	171	.066	.162	.832	-.462
10	172	.070	.168	.798	-.550
10	173	.018	.170	1.004	-.632
10	174	-.035	.140	.710	-.559
10	175	-.057	.124	.414	-.440
10	176	-.101	.128	.406	-.706
10	177	-.098	.131	.692	-.635
10	178	-.067	.124	.419	-.481
10	179	-.097	.130	.393	-.522
10	180	-.176	.139	.339	-.752
10	181	-.213	.135	.253	-.716
10	182	-.055	.153	.560	-.692
10	183	.011	.165	.760	-.765
10	184	.148	.212	1.041	-.520
10	185	.086	.164	.816	-.538
10	186	.157	.200	.904	-.825
10	187	.161	.218	.962	-1.118
10	188	.158	.210	.958	-.610
10	189	.069	.175	.767	-.538
10	190	.059	.170	.781	-.661
10	191	-.011	.149	.668	-.552
10	192	-.045	.134	.383	-.583
10	193	-.109	.126	.373	-.679
10	194	-.093	.124	.288	-.584
10	195	-.079	.126	.387	-.606
10	196	-.088	.134	.404	-.656
10	197	-.157	.159	.413	-1.226
10	198	-.170	.129	.371	-.600
10	199	-.131	.156	.566	-.692
10	200	-.101	.136	.488	-.498
10	201	-.005	.184	.914	-.537
10	202	.112	.244	1.095	-.590
10	203	.089	.172	.851	-.561
10	204	.067	.164	.842	-.429
10	205	.012	.168	.588	-.613

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	206	-.008	.141	.555	-.425
10	207	-.040	.127	.435	-.465
10	208	-.013	.138	.685	-.478
10	209	-.040	.130	.407	-.462
10	210	-.029	.131	.427	-.551
10	211	-.104	.131	.309	-.612
10	212	-.088	.128	.354	-.669
10	213	-.073	.130	.321	-.632
10	214	-.149	.139	.370	-.639
10	215	.041	.207	.970	-.626
10	301	-.092	.237	.961	-.946
10	302	-.198	.145	.472	-.750
10	303	-.196	.086	.172	-.495
10	304	-.080	.265	.883	-1.312
10	305	-.200	.164	.469	-.933
10	306	-.193	.119	.198	-.606
10	307	.032	.251	1.003	-1.077
10	308	-.154	.190	.678	-.872
10	309	-.325	.202	.335	-1.185
10	310	-.227	.140	.170	-.847
10	311	-.263	.152	.183	-1.031
10	312	-.296	.270	.608	-2.050
10	313	-.055	.205	.939	-1.037
10	314	-.240	.138	.243	-.853
10	315	-.230	.163	.289	-.945
10	316	-.224	.136	.414	-.742
10	317	-.276	.144	.174	-.788
10	318	-.261	.143	.168	-.850
10	319	-.138	.264	.709	-1.590
10	320	-.117	.254	.773	-1.636
10	321	-.203	.234	.563	-1.464
10	322	-.218	.134	.314	-.683
10	323	-.280	.148	.177	-.919
10	324	-.264	.148	.236	-.884
10	325	-.066	.245	1.155	-1.378
10	326	-.005	.159	.676	-.591
10	327	-.017	.159	.713	-.601
10	328	.099	.200	1.270	-.478
10	329	-.126	.198	.615	-1.061
10	330	-.129	.127	.318	-.609
10	331	-.207	.127	.304	-.730
10	332	-.298	.144	.172	-.919
10	333	-.280	.146	.201	-.867
10	334	.096	.196	1.374	-.439
10	335	-.008	.152	.696	-.475
10	336	.015	.156	.614	-.499
10	337	.091	.180	.880	-.505
10	338	-.010	.234	.809	-1.183
10	339	-.002	.187	.881	-.834
10	340	-.079	.140	.458	-.553
10	341	-.066	.139	.472	-.580
10	342	-.020	.143	.505	-.482
10	343	.035	.152	.608	-.491
10	344	.019	.142	.643	-.652
10	345	.024	.150	.769	-.556
10	346	-.044	.138	.464	-.850
10	347	-.021	.134	.534	-.673
10	348	-.054	.142	.524	-.455
10	349	-.215	.137	.203	-.683
10	350	-.289	.150	.176	-.809
10	351	-.275	.152	.205	-.855
10	352	-.077	.132	.419	-.515
10	353	-.075	.131	.433	-.537
10	354	-.015	.135	.624	-.447
10	355	.053	.146	.605	-.408
10	356	.038	.141	.580	-.365
10	357	.019	.138	.578	-.383
10	358	-.023	.126	.427	-.435
10	359	-.016	.129	.597	-.443
10	360	-.031	.140	.588	-.503
10	361	-.111	.133	.565	-.563
10	362	-.242	.149	.335	-.841
10	363	-.142	.135	.480	-.614
10	364	-.247	.143	.291	-.859
10	365	-.033	.137	.544	-.497
10	366	-.015	.146	.606	-.612
10	367	-.037	.151	.798	-.610
10	368	-.068	.142	.413	-.821
10	369	-.077	.136	.341	-.535
10	370	-.041	.133	.392	-.533
10	371	-.027	.134	.418	-.503
10	372	-.020	.132	.379	-.509
10	373	.028	.138	.448	-.532
10	374	.051	.162	.612	-.536
10	375	.030	.153	.534	-.425
10	376	-.138	.119	.268	-.513
10	377	-.174	.115	.242	-.571
10	401	-.188	.127	.248	-.694
10	402	-.147	.098	.185	-.468
10	403	-.173	.134	.281	-.614
10	404	-.178	.129	.274	-.600
10	405	-.162	.129	.291	-.611
10	406	-.149	.132	.343	-.591
10	407	-.192	.133	.301	-.673
10	408	-.204	.130	.180	-.679
10	409	-.240	.151	.286	-1.021
10	410	-.222	.143	.343	-.832
10	411	-.100	.126	.298	-.518
10	412	-.180	.127	.213	-.852
10	413	-.169	.127	.223	-.831
10	414	-.158	.123	.252	-.632
10	415	-.142	.121	.265	-.621
10	416	-.150	.124	.270	-.612
10	417	-.140	.124	.298	-.588
10	418	-.136	.126	.299	-.569
10	419	-.136	.124	.276	-.543
10	420	-.126	.128	.305	-.557
10	421	-.146	.125	.281	-.555
10	422	-.139	.125	.287	-.547
10	423	-.148	.125	.275	-.548
10	424	-.135	.121	.337	-.511
10	425	-.144	.119	.321	-.518
10	426	-.144	.120	.246	-.553
10	427	-.208	.125	.238	-.588
10	428	-.214	.130	.191	-.674
10	429	-.185	.125	.224	-.648
10	430	-.176	.126	.226	-.603
10	431	-.156	.124	.246	-.602
10	432	-.149	.118	.317	-.505
10	433	-.151	.118	.347	-.523
10	434	-.134	.118	.348	-.491
10	435	-.119	.118	.350	-.508
10	436	-.103	.118	.253	-.483
10	437	-.107	.116	.253	-.477
10	438	-.132	.116	.234	-.500
10	439	-.124	.116	.246	-.502
10	440	-.129	.130	.329	-.579
10	441	-.133	.128	.322	-.578
10	442	-.133	.130	.304	-.579
10	443	-.141	.133	.310	-.593
10	444	-.233	.126	.220	-.862
10	445	-.139	.111	.261	-.578
10	446	-.236	.132	.240	-.819
10	447	-.207	.123	.206	-.682
10	448	-.172	.124	.220	-.560
10	449	-.167	.121	.199	-.560
10	450	-.141	.123	.239	-.560
10	451	-.120	.129	.322	-.589
10	452	-.154	.125	.286	-.601
10	453	-.135	.123	.319	-.606
10	454	-.147	.120	.223	-.633
10	455	-.138	.121	.252	-.649
10	456	-.132	.116	.275	-.522
10	457	-.145	.118	.271	-.572
10	458	-.129	.118	.251	-.536
10	459	-.128	.119	.249	-.513
10	460	-.134	.123	.291	-.537
10	461	-.140	.122	.276	-.523
10	462	-.140	.124	.298	-.547
10	463	-.155	.114	.169	-.573

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	464	-.158	.112	.212	-.518
10	465	-.157	.116	.258	-.530
10	466	-.239	.136	.190	-.775
10	467	-.156	.119	.238	-.543
10	468	-.161	.123	.240	-.609
10	469	-.160	.120	.239	-.580
10	470	-.139	.121	.264	-.529
10	471	-.161	.121	.243	-.577
10	472	-.155	.126	.340	-.590
10	473	-.161	.123	.327	-.575
10	474	-.148	.124	.341	-.577
10	475	-.126	.123	.361	-.578
10	476	-.169	.125	.177	-.578
10	477	-.175	.124	.185	-.587
10	478	-.126	.120	.251	-.527
10	479	-.123	.120	.268	-.530
10	480	-.164	.122	.232	-.601
10	481	-.139	.116	.246	-.542
10	482	-.243	.143	.219	-.806
10	483	-.203	.131	.251	-.695
10	484	-.194	.131	.249	-.650
10	485	-.166	.125	.244	-.658
10	486	-.159	.126	.275	-.604
10	487	-.152	.125	.298	-.588
10	488	-.154	.139	.427	-.606
10	489	-.154	.137	.425	-.641
10	490	-.152	.137	.382	-.610
10	491	-.148	.137	.389	-.596
10	492	-.132	.126	.312	-.526
10	493	-.134	.130	.292	-.662
10	494	-.131	.131	.291	-.658
10	495	-.134	.131	.296	-.638
10	496	-.147	.126	.282	-.666
10	501	-.154	.128	.263	-.731
10	502	-.183	.143	.292	-1.186
10	503	-.168	.179	1.016	-.901
10	504	-.177	.129	.348	-.627
10	505	-.215	.130	.363	-.608
10	506	-.215	.134	.353	-.738
10	507	-.205	.146	.308	-.942
10	508	-.214	.142	.313	-.927
10	509	-.205	.178	1.153	-1.060
10	510	-.164	.125	.278	-.687
10	511	-.168	.127	.264	-.721
10	512	-.186	.142	.411	-.788
10	513	-.182	.140	.380	-.767
10	514	-.180	.142	.403	-.764
10	515	-.162	.138	.431	-.776
10	516	-.158	.127	.299	-.622
10	517	-.190	.133	.254	-.781

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	518	-.172	.132	.271	-.715
10	519	-.169	.132	.277	-.834
10	520	-.186	.138	.318	-1.191
10	521	-.159	.124	.319	-.582
10	522	-.153	.126	.323	-.568
10	523	-.162	.131	.337	-.594
10	524	-.230	.158	.184	-1.130
10	525	-.225	.151	.175	-1.202
10	526	-.246	.167	.186	-1.156
10	527	-.145	.126	.306	-.722
10	528	-.157	.131	.271	-.581
10	529	-.159	.130	.268	-.589
10	530	-.178	.138	.280	-.767
10	531	-.245	.172	.290	-1.275
10	532	-.213	.141	.284	-.827
10	533	-.201	.131	.215	-.684
10	534	-.232	.138	.300	-.858
10	535	-.206	.142	.268	-.865
10	536	-.123	.143	.373	-.724
10	537	-.175	.137	.315	-.595
10	538	-.204	.138	.266	-.641
10	539	-.237	.140	.263	-.687
10	540	-.169	.139	.311	-.664
10	541	-.200	.141	.299	-.705
10	542	-.156	.148	.388	-1.022
10	543	-.136	.156	.445	-.666
10	544	-.176	.149	.347	-.748
10	545	-.190	.144	.317	-.848
10	546	-.143	.129	.347	-.592
10	547	-.158	.130	.232	-.603
10	548	-.145	.134	.271	-.607
10	549	-.152	.138	.282	-.609
10	550	-.136	.128	.356	-.576
10	551	-.196	.144	.263	-.760
10	552	-.195	.147	.271	-.781
10	553	-.188	.155	.392	-.821
10	554	-.132	.131	.319	-.611
10	555	-.147	.140	.322	-.767
10	556	-.118	.157	.673	-.744
10	557	-.161	.146	.657	-.763
10	558	-.199	.145	.293	-.721
10	559	-.134	.156	.463	-.814
10	560	-.153	.157	.415	-.850
10	561	-.140	.164	.447	-.875
10	562	-.158	.163	.509	-.820
10	563	-.198	.139	.301	-.752
10	564	-.131	.120	.311	-.561
10	565	-.143	.124	.313	-.557
10	566	-.135	.123	.304	-.577
10	567	-.131	.121	.325	-.570

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	568	-.157	.129	.262	-.659
10	569	-.174	.134	.225	-.688
10	570	-.190	.136	.248	-.715
10	571	-.162	.134	.254	-.663
10	572	-.163	.131	.233	-.595
10	573	-.079	.153	.494	-.664
10	574	-.115	.155	.350	-.748
10	575	-.082	.133	.367	-.509
10	576	-.111	.161	.525	-.798
10	577	-.055	.133	.450	-.620
10	578	-.058	.128	.400	-.520
10	579	-.056	.129	.462	-.516
10	580	-.026	.135	.726	-.448
10	581	.051	.154	.728	-.448
10	582	-.042	.124	.392	-.441
10	583	-.033	.128	.465	-.453
10	584	-.151	.121	.275	-.581
10	585	.000	.155	.567	-.560
10	586	.066	.178	1.221	-.466
10	901	-.175	.124	.259	-.603
10	902	-.153	.121	.260	-.596
10	903	-.151	.156	.366	-.666
10	904	-.187	.126	.245	-.799
10	905	-.177	.142	.416	-.718
10	906	-.145	.141	.327	-.689
10	907	-.195	.133	.229	-.730
10	908	-.185	.121	.211	-.573
10	909	-.191	.103	.128	-.598
10	910	-.211	.150	.329	-1.021
10	911	-.207	.145	.344	-.713
10	912	-.236	.159	.251	-.838
10	913	-.211	.163	.383	-.849
10	914	-.359	.194	.478	-1.304
10	915	-.189	.129	.266	-.752
10	916	-.227	.173	.368	-.950
10	917	-.027	.188	.731	-.701
10	918	-.193	.129	.296	-.799
10	919	-.226	.149	.387	-1.225
10	920	-.257	.202	.715	-1.225
10	921	-.126	.131	.213	-.717
10	922	-.222	.143	.252	-.772
10	923	-.221	.140	.460	-.762
10	924	-.177	.126	.382	-.612
10	925	-.071	.135	.509	-.624
10	926	.011	.157	.750	-.504
10	927	-.011	.178	.730	-.783
10	928	.078	.202	.861	-.618
10	929	.065	.200	1.128	-.606
10	930	.043	.187	.809	-.903
10	931	-.203	.141	.261	-.721

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	932	-.179	.130	.238	-.621
10	933	-.119	.140	.410	-.587
10	935	.015	.170	.725	-.472
10	936	-.029	.170	.581	-1.123
10	937	-.049	.188	.666	-1.115
10	938	-.226	.129	.252	-.705
10	939	-.152	.129	.372	-.617
10	940	-.040	.148	.806	-.516
10	941	-.001	.150	.626	-.443
10	942	-.095	.148	.453	-.728
10	943	-.197	.125	.191	-.681
10	944	-.133	.133	.389	-.568
10	945	.008	.184	1.104	-.531
10	946	-.062	.168	.838	-.646
10	947	-.058	.149	.543	-.713
10	948	-.160	.125	.285	-.641
10	949	-.138	.144	.495	-.611
10	950	-.067	.166	.732	-.610
10	951	-.027	.169	.795	-.557
10	952	-.021	.145	.457	-.516
10	953	-.146	.129	.303	-.592
10	954	-.242	.139	.283	-.839
10	955	-.074	.150	.616	-.575
10	956	-.047	.155	.548	-.543
10	957	-.015	.137	.498	-.504
10	958	-.209	.158	.445	-.754
10	959	-.082	.148	.353	-.634
10	960	-.160	.135	.343	-.608
10	961	-.061	.137	.448	-.663
10	962	.004	.227	1.000	-.680
10	963	.063	.177	.726	-.465
10	964	.059	.169	.754	-.525
10	965	-.074	.172	.540	-.916
10	966	-.122	.129	.310	-.604
10	967	-.228	.153	.361	-.828
10	968	-.073	.209	.743	-1.147
10	969	-.083	.163	.396	-.954
10	970	-.156	.139	.282	-.814
10	971	-.278	.161	.215	-.972
10	972	-.206	.206	.527	-1.589
10	973	-.063	.157	.391	-.829
10	974	-.046	.143	.436	-.585
10	975	-.054	.132	.462	-.545
10	976	-.069	.132	.418	-.666
10	977	-.180	.143	.396	-.700
10	978	-.256	.143	.267	-.779
10	979	-.225	.154	.278	-.787
10	980	-.338	.180	.263	-1.236
10	981	-.183	.164	.423	-.844
10	982	-.048	.192	.971	-.836
10	983	-.018	.177	.585	-.849
10	984	-.028	.140	.499	-.597
10	985	.057	.147	.541	-.589
10	986	.012	.145	.647	-.543
20	1	-.346	.184	.165	-1.357
20	2	.005	.173	.831	-.560
20	3	-.343	.168	.074	-1.206
20	4	-.218	.148	.217	-.858
20	5	-.131	.139	.396	-.666
20	6	-.124	.137	.412	-.642
20	7	-.070	.154	.703	-.537
20	8	-.097	.133	.410	-.727
20	9	-.151	.119	.257	-.597
20	10	-.157	.118	.242	-.582
20	11	-.149	.118	.251	-.578
20	12	-.210	.127	.153	-.662
20	13	-.219	.134	.193	-.843
20	14	-.103	.129	.328	-.550
20	15	-.334	.166	.187	-1.281
20	16	-.393	.217	.203	-1.616
20	17	-.275	.147	.179	-.868
20	18	.082	.187	1.185	-.620
20	101	-.148	.241	.970	-1.158
20	102	-.092	.164	.521	-.677
20	103	-.240	.168	.307	-1.233
20	104	-.268	.185	.481	-1.407
20	105	-.034	.200	1.001	-.700
20	106	-.099	.188	.769	-.874
20	107	-.099	.179	.720	-.629
20	108	-.179	.144	.264	-.787
20	109	-.186	.136	.437	-.684
20	110	-.229	.148	.263	-1.055
20	111	-.103	.164	.570	-.679
20	112	-.249	.146	.200	-1.161
20	113	-.094	.172	.632	-.646
20	114	-.005	.216	.962	-.674
20	115	-.025	.196	.765	-.704
20	116	-.071	.170	.621	-.731
20	117	-.043	.191	.832	-.784
20	118	-.050	.176	.704	-.708
20	119	-.030	.246	1.118	-.904
20	120	-.174	.150	.345	-.737
20	121	-.150	.142	.405	-.594
20	122	-.146	.145	.357	-.613
20	123	-.112	.151	.632	-.609
20	124	.027	.172	.795	-.708
20	125	.129	.210	1.247	-.492
20	126	.056	.178	.867	-.455
20	127	-.010	.151	.740	-.482
20	128	.009	.150	.905	-.436
20	129	.022	.174	.986	-.481
20	130	-.026	.195	.769	-.671
20	131	-.209	.170	.347	-1.033
20	132	-.024	.168	.769	-.754
20	133	-.217	.172	.405	-.876
20	134	-.153	.140	.370	-.630
20	135	-.114	.141	.353	-.573
20	136	-.094	.145	.346	-.564
20	137	.027	.172	.709	-.534
20	138	.112	.192	1.024	-.441
20	139	.100	.156	.705	-.568
20	140	.025	.134	.504	-.563
20	141	.030	.135	.501	-.568
20	142	.002	.132	.579	-.469
20	143	-.049	.128	.379	-.591
20	144	-.187	.144	.256	-.731
20	145	-.061	.147	.514	-.638
20	146	-.043	.146	.517	-.598
20	147	-.234	.165	.309	-1.130
20	148	-.046	.133	.453	-.621
20	149	-.039	.162	.534	-.980
20	150	-.148	.146	.318	-.702
20	151	-.089	.131	.371	-.547
20	152	-.230	.156	.259	-.859
20	153	-.025	.139	.495	-.467
20	154	-.048	.137	.518	-.635
20	155	.022	.145	.629	-.418
20	156	-.037	.150	.668	-.668
20	157	.024	.166	.879	-.564
20	158	.027	.145	.581	-.654
20	159	-.021	.148	.593	-.496
20	160	-.053	.132	.367	-.512
20	161	-.055	.144	.451	-.691
20	162	-.046	.132	.440	-.637
20	163	-.017	.131	.407	-.458
20	164	-.022	.131	.483	-.445
20	165	-.044	.150	.416	-.925
20	166	-.209	.160	.286	-.929
20	167	-.224	.153	.344	-.918
20	168	-.225	.142	.403	-.784
20	169	-.078	.178	.737	-.596
20	170	.026	.214	1.037	-.768
20	171	.052	.175	.826	-.633
20	172	.026	.161	.663	-.510
20	173	.012	.171	.640	-.536
20	174	-.028	.151	.527	-.542
20	175	-.052	.137	.400	-.541
20	176	-.118	.141	.369	-.839
20	177	-.109	.133	.341	-.593
20	178	-.099	.134	.362	-.554

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	179	-.109	.139	.360	-.539
20	180	-.195	.181	.362	-.969
20	181	-.224	.146	.233	-.867
20	182	-.114	.142	.322	-.566
20	183	-.062	.154	.633	-.554
20	184	.011	.187	.709	-.768
20	185	.041	.146	.762	-.409
20	186	.065	.163	.751	-.396
20	187	.048	.167	.760	-.600
20	188	.029	.167	.767	-.584
20	189	.011	.156	.614	-.530
20	190	.034	.165	.595	-.608
20	191	-.004	.152	.513	-.578
20	192	-.037	.135	.470	-.476
20	193	-.111	.125	.483	-.581
20	194	-.108	.118	.359	-.522
20	195	-.094	.123	.417	-.490
20	196	-.105	.130	.401	-.641
20	197	-.193	.197	.458	-1.215
20	198	-.190	.151	.361	-.819
20	199	-.155	.161	.674	-.750
20	200	-.144	.143	.409	-.606
20	201	-.098	.148	.729	-.552
20	202	-.055	.189	.793	-.584
20	203	.030	.160	.768	-.448
20	204	.002	.142	.608	-.445
20	205	-.016	.156	.706	-.615
20	206	-.027	.145	.578	-.505
20	207	-.056	.130	.371	-.503
20	208	-.024	.131	.422	-.476
20	209	-.020	.134	.409	-.443
20	210	-.001	.128	.466	-.450
20	211	-.110	.123	.315	-.552
20	212	-.103	.123	.326	-.536
20	213	-.099	.122	.372	-.562
20	214	-.122	.148	.366	-.735
20	215	-.054	.189	.864	-.937
20	301	-.197	.200	.949	-.925
20	302	-.208	.143	.289	-.774
20	303	-.187	.090	.084	-.543
20	304	-.201	.226	.948	-1.183
20	305	-.226	.156	.262	-.981
20	306	-.187	.132	.254	-.659
20	307	-.091	.244	1.038	-.932
20	308	-.150	.180	.740	-.786
20	309	-.281	.183	.281	-1.195
20	310	-.211	.145	.302	-.697
20	311	-.250	.157	.310	-1.056
20	312	-.239	.205	.545	-1.314
20	313	-.116	.206	.951	-1.173
20	314	-.215	.135	.235	-.694
20	315	-.218	.149	.260	-1.015
20	316	-.210	.128	.256	-.676
20	317	-.244	.135	.141	-.768
20	318	-.234	.136	.276	-.706
20	319	-.174	.239	.856	-2.265
20	320	-.166	.220	.662	-1.359
20	321	-.203	.199	.424	-1.137
20	322	-.199	.124	.264	-.585
20	323	-.260	.137	.217	-.818
20	324	-.245	.156	.197	-1.124
20	325	-.132	.219	.628	-1.127
20	326	-.064	.156	.621	-.571
20	327	-.057	.156	.545	-.770
20	328	.006	.159	.783	-.481
20	329	-.166	.194	.801	-1.310
20	330	-.133	.129	.310	-.645
20	331	-.193	.126	.229	-.595
20	332	-.268	.156	.278	-1.062
20	333	-.234	.154	.295	-1.013
20	334	.017	.163	.714	-.567
20	335	-.056	.161	.452	-.708
20	336	.018	.130	.612	-.425
20	337	.025	.148	.647	-.518
20	338	-.045	.195	.715	-.730
20	339	.040	.153	.524	-.850
20	340	-.096	.129	.281	-.525
20	341	-.077	.132	.309	-.553
20	342	-.055	.137	.367	-.586
20	343	-.013	.138	.452	-.642
20	344	-.023	.135	.505	-.472
20	345	-.017	.138	.553	-.497
20	346	-.067	.132	.343	-.561
20	347	-.052	.133	.449	-.529
20	348	-.077	.135	.388	-.582
20	349	-.188	.132	.257	-.644
20	350	-.262	.143	.228	-.759
20	351	-.246	.145	.218	-.778
20	352	-.082	.121	.394	-.537
20	353	-.079	.119	.346	-.504
20	354	-.031	.127	.505	-.475
20	355	.031	.136	.666	-.395
20	356	.011	.142	.750	-.508
20	357	.014	.139	.780	-.504
20	358	-.039	.130	.522	-.552
20	359	-.030	.133	.571	-.553
20	360	-.056	.129	.433	-.505
20	361	-.106	.124	.400	-.496
20	362	-.221	.142	.397	-.667
20	363	-.143	.127	.391	-.524
20	364	-.219	.141	.284	-.829
20	365	-.056	.140	.430	-.593
20	366	-.069	.151	.514	-.574
20	367	-.075	.161	.542	-.853
20	368	-.074	.123	.433	-.585
20	369	-.056	.120	.333	-.505
20	370	-.059	.121	.352	-.544
20	371	-.044	.130	.466	-.494
20	372	-.032	.132	.402	-.508
20	373	-.001	.133	.440	-.476
20	374	.027	.152	.576	-.580
20	375	.008	.140	.576	-.427
20	376	-.141	.131	.353	-.594
20	377	-.147	.129	.324	-.561
20	401	-.176	.139	.378	-.762
20	402	-.140	.116	.324	-.508
20	403	-.167	.129	.258	-.599
20	404	-.150	.126	.279	-.585
20	405	-.158	.129	.270	-.562
20	406	-.130	.131	.281	-.589
20	407	-.258	.148	.203	-.931
20	408	-.228	.134	.239	-.791
20	409	-.227	.142	.247	-.684
20	410	-.214	.140	.260	-.706
20	411	-.127	.143	.305	-.668
20	412	-.183	.125	.275	-.658
20	413	-.172	.121	.291	-.598
20	414	-.163	.122	.318	-.597
20	415	-.150	.123	.319	-.609
20	416	-.137	.125	.316	-.554
20	417	-.122	.131	.343	-.581
20	418	-.111	.134	.363	-.540
20	419	-.121	.130	.337	-.534
20	420	-.131	.137	.370	-.647
20	421	-.182	.131	.217	-.713
20	422	-.168	.130	.224	-.746
20	423	-.188	.131	.212	-.768
20	424	-.164	.124	.226	-.591
20	425	-.187	.121	.191	-.557
20	426	-.175	.121	.186	-.548
20	427	-.205	.127	.178	-.675
20	428	-.194	.124	.191	-.640
20	429	-.184	.117	.199	-.584
20	430	-.165	.119	.229	-.577
20	431	-.153	.118	.217	-.548
20	432	-.135	.123	.297	-.497
20	433	-.146	.122	.288	-.497
20	434	-.113	.123	.317	-.463
20	435	-.105	.124	.323	-.461
20	436	-.101	.120	.315	-.537

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	437	-.112	.119	.306	-.586
20	438	-.145	.121	.309	-.583
20	439	-.144	.121	.294	-.611
20	440	-.153	.130	.323	-.591
20	441	-.162	.128	.274	-.604
20	442	-.148	.129	.318	-.586
20	443	-.167	.134	.305	-.601
20	444	-.231	.138	.191	-.780
20	445	-.164	.129	.295	-.609
20	446	-.233	.140	.181	-.783
20	447	-.204	.133	.231	-.691
20	448	-.162	.129	.219	-.548
20	449	-.166	.126	.187	-.536
20	450	-.127	.125	.276	-.524
20	451	-.103	.132	.359	-.513
20	452	-.149	.121	.305	-.661
20	453	-.137	.121	.335	-.613
20	454	-.138	.116	.293	-.586
20	455	-.131	.117	.294	-.596
20	456	-.127	.125	.345	-.515
20	457	-.146	.125	.325	-.599
20	458	-.128	.125	.334	-.540
20	459	-.133	.125	.327	-.550
20	460	-.134	.125	.272	-.600
20	461	-.144	.125	.261	-.628
20	462	-.138	.126	.276	-.633
20	463	-.148	.116	.220	-.561
20	464	-.159	.122	.267	-.523
20	465	-.159	.124	.293	-.504
20	466	-.224	.138	.245	-.775
20	467	-.157	.127	.324	-.526
20	468	-.163	.130	.278	-.635
20	469	-.163	.128	.285	-.656
20	470	-.140	.132	.289	-.601
20	471	-.154	.128	.294	-.615
20	472	-.153	.127	.297	-.529
20	473	-.166	.125	.290	-.544
20	474	-.144	.124	.303	-.518
20	475	-.130	.124	.292	-.529
20	476	-.161	.125	.291	-.589
20	477	-.173	.126	.291	-.619
20	478	-.128	.126	.360	-.551
20	479	-.132	.126	.364	-.553
20	480	-.154	.122	.221	-.591
20	481	-.149	.120	.217	-.581
20	482	-.223	.140	.213	-.792
20	483	-.197	.129	.207	-.712
20	484	-.197	.135	.259	-.650
20	485	-.177	.128	.271	-.588
20	486	-.166	.128	.315	-.569

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	487	-.164	.128	.311	-.540
20	488	-.163	.131	.297	-.597
20	489	-.164	.129	.268	-.571
20	490	-.158	.131	.272	-.585
20	491	-.161	.131	.266	-.592
20	492	-.144	.127	.232	-.543
20	493	-.145	.129	.292	-.633
20	494	-.143	.130	.298	-.623
20	495	-.152	.133	.281	-.635
20	496	-.149	.132	.334	-.635
20	501	-.138	.143	.351	-.718
20	502	-.182	.164	.370	-.944
20	503	-.099	.241	1.289	-.887
20	504	-.171	.135	.305	-.648
20	505	-.243	.140	.226	-.758
20	506	-.245	.144	.220	-.911
20	507	-.238	.173	.393	-1.137
20	508	-.250	.156	.198	-1.168
20	509	-.190	.239	.891	-1.343
20	510	-.194	.136	.214	-.781
20	511	-.205	.144	.264	-.739
20	512	-.228	.161	.259	-.980
20	513	-.232	.166	.469	-2.506
20	514	-.236	.165	.283	-1.602
20	515	-.199	.145	.356	-.737
20	516	-.182	.139	.261	-.648
20	517	-.193	.141	.216	-.741
20	518	-.212	.155	.261	-.866
20	519	-.219	.165	.261	-1.097
20	520	-.231	.169	.236	-1.415
20	521	-.183	.133	.235	-.675
20	522	-.182	.136	.263	-.691
20	523	-.198	.145	.244	-.737
20	524	-.280	.216	.223	-2.245
20	525	-.276	.205	.398	-2.039
20	526	-.299	.217	.242	-1.983
20	527	-.165	.132	.271	-.625
20	528	-.164	.139	.396	-.614
20	529	-.166	.138	.401	-.628
20	530	-.216	.155	.367	-.797
20	531	-.318	.219	.381	-1.404
20	532	-.241	.180	.343	-1.156
20	533	-.188	.147	.283	-.844
20	534	-.251	.179	.405	-1.206
20	535	-.250	.195	.408	-1.452
20	536	-.142	.163	.355	-.895
20	537	-.187	.149	.398	-.762
20	538	-.179	.161	.530	-.746
20	539	-.264	.166	.354	-.964
20	540	-.180	.150	.401	-.745

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	541	-.206	.144	.282	-.764
20	542	-.123	.154	.445	-.834
20	543	-.101	.174	.574	-.718
20	544	-.157	.165	.643	-.894
20	545	-.141	.147	.453	-.854
20	546	-.156	.132	.273	-.610
20	547	-.159	.128	.264	-.524
20	548	-.161	.131	.301	-.539
20	549	-.183	.140	.284	-.570
20	550	-.146	.131	.280	-.596
20	551	-.217	.155	.420	-.890
20	552	-.237	.156	.359	-.931
20	553	-.218	.175	.353	-1.021
20	554	-.105	.151	.469	-.698
20	555	-.126	.167	.714	-.841
20	556	-.082	.185	.747	-.802
20	557	-.142	.183	.695	-.874
20	558	-.156	.148	.388	-1.112
20	559	-.101	.159	.376	-.843
20	560	-.144	.174	.492	-1.015
20	561	-.100	.180	.608	-.855
20	562	-.127	.174	.531	-.914
20	563	-.239	.148	.245	-.999
20	564	-.145	.124	.255	-.680
20	565	-.172	.130	.224	-.698
20	566	-.150	.126	.238	-.668
20	567	-.141	.123	.257	-.685
20	568	-.188	.127	.221	-.695
20	569	-.211	.135	.213	-.722
20	570	-.233	.138	.226	-.794
20	571	-.192	.135	.234	-.717
20	572	-.175	.127	.236	-.620
20	573	-.037	.163	.523	-.811
20	574	-.098	.160	.449	-.955
20	575	-.060	.130	.386	-.561
20	576	-.073	.188	.944	-.800
20	577	-.058	.138	.853	-.475
20	578	-.058	.134	.349	-.521
20	579	-.032	.137	.516	-.537
20	580	-.000	.140	.483	-.528
20	581	.030	.149	.596	-.532
20	582	-.058	.128	.428	-.523
20	583	-.029	.133	.467	-.550
20	584	-.153	.122	.288	-.643
20	585	.030	.162	.751	-.613
20	586	.121	.201	1.179	-.558
20	901	-.220	.134	.207	-.722
20	902	-.170	.123	.230	-.601
20	903	-.154	.147	.382	-.715
20	904	-.228	.137	.243	-.767

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	905	-.229	.168	.279	-.959
20	906	-.184	.140	.334	-1.175
20	907	-.191	.130	.273	-.651
20	908	-.231	.132	.215	-.717
20	909	-.262	.120	.099	-.719
20	910	-.308	.191	.264	-1.330
20	911	-.208	.149	.236	-.800
20	912	-.264	.156	.237	-.929
20	913	-.218	.145	.309	-.917
20	914	-.283	.165	.172	-1.080
20	915	-.215	.131	.206	-.784
20	916	-.304	.173	.457	-1.021
20	917	-.123	.187	.719	-.870
20	918	-.229	.135	.203	-.895
20	919	-.266	.167	.208	-.998
20	920	-.283	.274	.813	-1.743
20	921	-.211	.135	.250	-.752
20	922	-.244	.164	.243	-1.006
20	923	-.260	.170	.197	-1.103
20	924	-.219	.145	.252	-.747
20	925	-.101	.148	.612	-.565
20	926	.093	.179	.906	-.382
20	927	.004	.150	.493	-.678
20	928	-.004	.152	.709	-.503
20	929	.033	.169	.810	-.665
20	930	-.023	.148	.668	-.518
20	931	-.199	.160	.366	-.775
20	932	-.210	.145	.268	-.797
20	933	-.163	.148	.328	-.659
20	935	.068	.190	1.060	-.469
20	936	-.021	.146	.530	-.590
20	937	-.058	.155	.455	-.959
20	938	-.227	.153	.175	-.853
20	939	-.152	.139	.328	-.696
20	940	-.044	.165	.706	-.662
20	941	.013	.174	.925	-.645
20	942	-.051	.147	.781	-.585
20	943	-.213	.155	.398	-.795
20	944	-.191	.155	.480	-.698
20	945	-.069	.187	.912	-.619
20	946	-.002	.172	.795	-.513
20	947	-.031	.146	.439	-.591
20	948	-.162	.132	.237	-.602
20	949	-.180	.131	.488	-.714
20	950	-.055	.153	.803	-.605
20	951	.009	.153	.626	-.452
20	952	-.048	.132	.412	-.453
20	953	-.147	.132	.300	-.567
20	954	-.193	.129	.249	-.693
20	955	-.050	.142	.510	-.586
20	956	-.016	.148	.507	-.587
20	957	-.010	.140	.545	-.432
20	958	-.211	.148	.381	-.696
20	959	-.045	.137	.466	-.591
20	960	-.178	.139	.290	-.713
20	961	-.047	.130	.389	-.478
20	962	-.056	.177	.718	-.789
20	963	.048	.148	.638	-.510
20	964	.042	.145	.739	-.443
20	965	-.025	.161	.517	-.741
20	966	-.110	.153	.473	-.700
20	967	-.204	.149	.336	-.736
20	968	-.093	.190	.729	-.816
20	969	-.048	.158	.634	-.772
20	970	-.122	.137	.511	-.936
20	971	-.208	.134	.309	-.675
20	972	-.140	.146	.367	-.773
20	973	-.060	.144	.385	-.806
20	974	-.042	.144	.392	-.496
20	975	-.060	.140	.461	-.538
20	976	-.054	.141	.469	-.582
20	977	-.140	.167	.486	-.733
20	978	-.244	.154	.248	-.956
20	979	-.218	.177	.262	-1.233
20	980	-.270	.177	.306	-1.027
20	981	-.166	.150	.454	-.704
20	982	-.067	.168	.560	-.618
20	983	.014	.153	.557	-.551
20	984	-.022	.147	.628	-.623
20	985	.012	.148	.858	-.615
20	986	.009	.151	.595	-.575
30	1	-.321	.197	.228	-1.207
30	2	-.046	.165	.660	-.627
30	3	-.332	.204	.304	-1.205
30	4	-.215	.166	.298	-.855
30	5	-.170	.133	.239	-.708
30	6	-.150	.133	.212	-.642
30	7	-.080	.140	.505	-.600
30	8	-.137	.135	.364	-.667
30	9	-.140	.123	.228	-.590
30	10	-.141	.121	.238	-.597
30	11	-.129	.120	.229	-.581
30	12	-.164	.118	.214	-.600
30	13	-.181	.124	.254	-.655
30	14	-.094	.121	.364	-.504
30	15	-.368	.177	.211	-1.322
30	16	-.444	.245	.132	-1.728
30	17	-.323	.150	.232	-.894
30	18	.197	.188	.909	-.433
30	101	-.054	.324	1.434	-1.076
30	102	-.076	.187	.772	-1.176
30	103	-.259	.186	.271	-1.233
30	104	-.288	.184	.503	-1.191
30	105	.062	.221	.951	-.972
30	106	-.118	.201	.607	-.960
30	107	-.100	.168	.705	-.984
30	108	-.216	.176	.497	-1.049
30	109	-.185	.145	.469	-1.084
30	110	-.239	.154	.330	-.975
30	111	-.095	.169	.689	-.700
30	112	-.263	.164	.184	-.949
30	113	-.099	.164	.500	-.680
30	114	.050	.196	.873	-.725
30	115	.105	.231	1.127	-.700
30	116	-.030	.182	.706	-.643
30	117	-.053	.200	.828	-.839
30	118	.043	.195	.948	-.618
30	119	-.116	.201	.862	-.796
30	120	-.207	.178	.418	-.890
30	121	-.142	.147	.410	-.620
30	122	-.167	.142	.372	-.800
30	123	-.108	.154	.594	-.599
30	124	.036	.164	.692	-.610
30	125	.209	.214	1.320	-.332
30	126	.135	.198	1.082	-.469
30	127	.015	.147	.792	-.499
30	128	.021	.150	.813	-.522
30	129	-.046	.159	.779	-.638
30	130	-.115	.176	.792	-.692
30	131	-.227	.214	.597	-1.274
30	132	-.100	.144	.421	-.632
30	133	-.232	.214	.720	-1.109
30	134	-.130	.158	.594	-.661
30	135	-.102	.151	.475	-.578
30	136	-.096	.149	.418	-.587
30	137	.066	.166	1.158	-.399
30	138	.237	.192	1.113	-.304
30	139	.181	.169	.955	-.341
30	140	.013	.131	.449	-.370
30	141	.024	.134	.480	-.371
30	142	-.049	.135	.543	-.496
30	143	-.071	.136	.347	-.877
30	144	-.190	.176	.497	-1.236
30	145	-.111	.160	.550	-.838
30	146	-.054	.175	.601	-.750
30	147	-.232	.206	.608	-1.229
30	148	-.055	.161	.459	-1.106
30	149	-.143	.142	.418	-.672
30	150	-.124	.161	.572	-.781
30	151	-.122	.140	.344	-.706

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	152	-.157	.185	.420	-.994
30	153	-.050	.132	.403	-.498
30	154	-.060	.123	.356	-.473
30	155	-.057	.133	.449	-.478
30	156	-.108	.138	.522	-.581
30	157	.024	.161	.794	-.582
30	158	.052	.147	.958	-.575
30	159	.008	.153	.545	-.729
30	160	-.061	.129	.355	-.543
30	161	-.115	.155	.454	-.787
30	162	-.072	.141	.446	-.618
30	163	-.024	.148	.538	-.447
30	164	-.032	.128	.429	-.471
30	165	-.043	.126	.459	-.603
30	166	-.214	.173	.497	-.857
30	167	-.243	.168	.371	-1.543
30	168	-.233	.152	.438	-.807
30	169	-.094	.171	.567	-.801
30	170	.005	.200	.880	-.680
30	171	.053	.168	.989	-.624
30	172	.032	.152	.680	-.480
30	173	.057	.169	.884	-.570
30	174	-.017	.156	.692	-.439
30	175	-.024	.138	.517	-.429
30	176	-.163	.147	.328	-.752
30	177	-.132	.138	.263	-.656
30	178	-.134	.137	.279	-.603
30	179	-.142	.145	.300	-.661
30	180	-.219	.197	.410	-1.132
30	181	-.271	.167	.212	-1.472
30	182	-.132	.147	.400	-.721
30	183	-.072	.153	.509	-.628
30	184	.028	.192	.714	-.837
30	185	.054	.155	.801	-.550
30	186	.075	.174	.747	-.847
30	187	.055	.181	.948	-1.117
30	188	.024	.171	.732	-1.023
30	189	.003	.146	.534	-.539
30	190	.037	.154	.605	-.606
30	191	.014	.152	.644	-.540
30	192	-.028	.135	.448	-.526
30	193	-.148	.134	.382	-.629
30	194	-.137	.125	.377	-.598
30	195	-.137	.131	.384	-.645
30	196	-.157	.135	.329	-.655
30	197	-.186	.205	.437	-1.400
30	198	-.185	.142	.251	-.757
30	199	-.142	.147	.483	-.639
30	200	-.141	.130	.304	-.592
30	201	-.110	.147	.435	-.653

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	202	-.070	.190	.743	-.675
30	203	.028	.155	.577	-.472
30	204	-.002	.137	.523	-.472
30	205	.003	.139	.617	-.557
30	206	-.015	.132	.474	-.445
30	207	-.040	.118	.377	-.441
30	208	-.024	.127	.489	-.420
30	209	-.019	.137	.529	-.446
30	210	.041	.148	.518	-.407
30	211	-.120	.131	.316	-.621
30	212	-.112	.130	.306	-.578
30	213	-.118	.128	.256	-.586
30	214	-.069	.174	.571	-.740
30	215	-.117	.168	.668	-.796
30	301	-.254	.223	.853	-1.133
30	302	-.221	.155	.299	-.760
30	303	-.183	.094	.146	-.518
30	304	-.244	.228	.650	-1.209
30	305	-.220	.160	.321	-.893
30	306	-.166	.134	.299	-.803
30	307	-.197	.220	.684	-1.111
30	308	-.162	.165	.564	-1.023
30	309	-.229	.177	.287	-1.199
30	310	-.173	.145	.342	-.840
30	311	-.183	.147	.342	-.793
30	312	-.197	.170	.380	-1.172
30	313	-.176	.184	.613	-.925
30	314	-.167	.134	.244	-.688
30	315	-.180	.128	.199	-.858
30	316	-.188	.121	.203	-.656
30	317	-.187	.118	.177	-.655
30	318	-.186	.118	.195	-.631
30	319	-.237	.183	.587	-1.300
30	320	-.230	.180	.490	-.868
30	321	-.230	.164	.330	-.880
30	322	-.177	.126	.290	-.588
30	323	-.192	.130	.258	-.655
30	324	-.172	.121	.233	-.589
30	325	-.276	.173	.297	-1.041
30	326	-.120	.162	.409	-.924
30	327	-.094	.152	.521	-.676
30	328	-.022	.146	.909	-.479
30	329	-.269	.193	.480	-1.022
30	330	-.165	.131	.312	-.637
30	331	-.168	.128	.226	-.660
30	332	-.178	.122	.197	-.640
30	333	-.160	.122	.216	-.614
30	334	-.050	.127	.541	-.509
30	335	-.098	.159	.452	-1.011
30	336	-.026	.151	.542	-.473

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	337	-.083	.131	.375	-.450
30	338	-.193	.158	.394	-.959
30	339	-.116	.137	.383	-.580
30	340	-.129	.122	.288	-.596
30	341	-.115	.123	.341	-.542
30	342	-.103	.128	.337	-.566
30	343	-.051	.132	.404	-.544
30	344	-.076	.131	.385	-.607
30	345	-.070	.132	.452	-.641
30	346	-.118	.131	.351	-.697
30	347	-.102	.134	.390	-.616
30	348	-.129	.124	.297	-.541
30	349	-.154	.117	.261	-.538
30	350	-.188	.124	.210	-.591
30	351	-.178	.126	.199	-.609
30	352	-.117	.122	.345	-.521
30	353	-.119	.120	.274	-.491
30	354	-.078	.131	.400	-.518
30	355	-.027	.140	.452	-.495
30	356	-.042	.129	.502	-.623
30	357	-.038	.127	.511	-.597
30	358	-.077	.122	.403	-.625
30	359	-.073	.125	.414	-.619
30	360	-.089	.124	.337	-.525
30	361	-.110	.121	.311	-.517
30	362	-.164	.129	.275	-.596
30	363	-.129	.123	.350	-.547
30	364	-.180	.124	.168	-.730
30	365	-.090	.132	.363	-.669
30	366	-.122	.144	.350	-.702
30	367	-.144	.161	.374	-.869
30	368	-.061	.119	.408	-.592
30	369	-.030	.117	.414	-.552
30	370	-.051	.118	.393	-.574
30	371	-.069	.123	.368	-.506
30	372	-.060	.124	.342	-.482
30	373	.013	.134	.561	-.480
30	374	.049	.152	.836	-.384
30	375	.018	.137	.627	-.373
30	376	-.134	.117	.281	-.565
30	377	-.132	.114	.285	-.572
30	401	-.156	.124	.331	-.599
30	402	-.121	.106	.214	-.462
30	403	-.146	.128	.300	-.528
30	404	-.126	.123	.263	-.520
30	405	-.136	.127	.282	-.550
30	406	-.113	.131	.320	-.570
30	407	-.260	.152	.184	-.995
30	408	-.217	.138	.222	-.733
30	409	-.166	.133	.263	-.662

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	410	-.154	.131	.283	-.688
30	411	-.138	.147	.347	-.808
30	412	-.153	.129	.380	-.687
30	413	-.143	.126	.380	-.666
30	414	-.142	.127	.384	-.638
30	415	-.126	.126	.373	-.635
30	416	-.152	.129	.350	-.648
30	417	-.141	.135	.363	-.651
30	418	-.123	.144	.447	-.614
30	419	-.143	.146	.366	-.640
30	420	-.133	.141	.344	-.615
30	421	-.194	.138	.231	-.741
30	422	-.182	.136	.282	-.653
30	423	-.197	.138	.218	-.703
30	424	-.186	.144	.271	-.783
30	425	-.200	.141	.227	-.807
30	426	-.195	.147	.279	-.766
30	427	-.178	.138	.278	-.658
30	428	-.156	.131	.264	-.618
30	429	-.147	.128	.269	-.560
30	430	-.139	.129	.260	-.555
30	431	-.123	.127	.290	-.530
30	432	-.129	.130	.291	-.504
30	433	-.134	.130	.311	-.494
30	434	-.112	.130	.330	-.460
30	435	-.106	.131	.338	-.489
30	436	-.105	.124	.259	-.613
30	437	-.108	.123	.255	-.617
30	438	-.150	.126	.222	-.627
30	439	-.147	.125	.240	-.668
30	440	-.154	.148	.375	-.605
30	441	-.156	.147	.335	-.607
30	442	-.152	.151	.377	-.696
30	443	-.170	.162	.405	-.803
30	444	-.180	.132	.249	-.729
30	445	-.175	.137	.306	-.765
30	446	-.184	.133	.265	-.684
30	447	-.161	.126	.258	-.667
30	448	-.142	.126	.273	-.669
30	449	-.139	.124	.259	-.586
30	450	-.121	.125	.325	-.590
30	451	-.112	.134	.410	-.593
30	452	-.160	.128	.302	-.618
30	453	-.136	.126	.339	-.562
30	454	-.143	.122	.309	-.585
30	455	-.130	.123	.303	-.575
30	456	-.138	.134	.306	-.591
30	457	-.144	.134	.330	-.581
30	458	-.138	.135	.333	-.587
30	459	-.138	.135	.351	-.635
30	460	-.153	.131	.314	-.605
30	461	-.159	.132	.302	-.616
30	462	-.158	.136	.335	-.590
30	463	-.157	.117	.248	-.529
30	464	-.167	.131	.395	-.623
30	465	-.165	.133	.398	-.612
30	466	-.187	.138	.365	-.617
30	467	-.160	.136	.415	-.605
30	468	-.166	.129	.316	-.649
30	469	-.159	.127	.274	-.616
30	470	-.148	.136	.300	-.642
30	471	-.132	.126	.310	-.662
30	472	-.167	.126	.335	-.540
30	473	-.169	.124	.340	-.534
30	474	-.159	.123	.330	-.516
30	475	-.141	.125	.335	-.530
30	476	-.155	.119	.283	-.532
30	477	-.154	.120	.267	-.556
30	478	-.143	.122	.271	-.547
30	479	-.145	.123	.280	-.543
30	480	-.148	.128	.324	-.553
30	481	-.146	.130	.332	-.591
30	482	-.173	.132	.335	-.577
30	483	-.158	.128	.335	-.568
30	484	-.156	.123	.244	-.582
30	485	-.143	.118	.252	-.518
30	486	-.141	.119	.251	-.530
30	487	-.147	.120	.248	-.556
30	488	-.147	.122	.274	-.515
30	489	-.147	.120	.263	-.510
30	490	-.147	.122	.282	-.533
30	491	-.145	.122	.276	-.525
30	492	-.136	.121	.372	-.553
30	493	-.146	.127	.245	-.615
30	494	-.146	.128	.261	-.629
30	495	-.150	.132	.281	-.656
30	496	-.137	.125	.274	-.495
30	501	-.124	.129	.379	-.558
30	502	-.172	.152	.349	-.933
30	503	-.072	.216	.786	-1.165
30	504	-.145	.136	.288	-.634
30	505	-.225	.142	.195	-.825
30	506	-.230	.144	.180	-1.114
30	507	-.230	.180	.298	-1.163
30	508	-.266	.167	.299	-1.407
30	509	-.191	.250	.820	-1.571
30	510	-.211	.154	.314	-1.206
30	511	-.231	.165	.239	-.967
30	512	-.243	.170	.303	-.913
30	513	-.269	.184	.242	-1.386
30	514	-.278	.198	.482	-1.445
30	515	-.201	.147	.373	-.763
30	516	-.193	.144	.258	-.787
30	517	-.145	.124	.336	-.681
30	518	-.243	.184	.282	-1.065
30	519	-.287	.211	.256	-1.613
30	520	-.290	.218	.305	-1.496
30	521	-.180	.146	.272	-.842
30	522	-.185	.147	.277	-.854
30	523	-.195	.157	.302	-.876
30	524	-.350	.254	.398	-2.105
30	525	-.333	.242	.364	-1.935
30	526	-.341	.254	.349	-2.198
30	527	-.158	.131	.264	-.613
30	528	-.154	.128	.274	-.587
30	529	-.155	.129	.264	-.574
30	530	-.209	.152	.248	-.768
30	531	-.366	.263	.268	-1.516
30	532	-.218	.203	.476	-1.041
30	533	-.196	.175	.342	-.937
30	534	-.219	.191	.413	-.888
30	535	-.224	.215	.543	-1.077
30	536	-.186	.169	.482	-.806
30	537	-.180	.151	.363	-.734
30	538	-.127	.171	.458	-.854
30	539	-.233	.182	.348	-.998
30	540	-.164	.153	.375	-.750
30	541	-.192	.152	.273	-.690
30	542	-.085	.166	.546	-.750
30	543	-.039	.195	.670	-.632
30	544	-.112	.184	.539	-.868
30	545	-.119	.181	.585	-.982
30	546	-.145	.131	.300	-.616
30	547	-.145	.124	.313	-.608
30	548	-.146	.127	.302	-.633
30	549	-.163	.136	.268	-.735
30	550	-.198	.128	.351	-.634
30	551	-.207	.159	.443	-1.154
30	552	-.248	.157	.216	-1.159
30	553	-.204	.179	.585	-1.067
30	554	-.066	.151	.450	-.696
30	555	-.091	.167	.514	-1.143
30	556	-.047	.186	.679	-.802
30	557	-.107	.190	.614	-.817
30	558	-.156	.175	.574	-1.079
30	559	-.078	.172	.404	-.856
30	560	-.111	.183	.470	-1.007
30	561	-.087	.207	.622	-1.054
30	562	-.132	.197	.633	-.854
30	563	-.243	.158	.302	-.880

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	564	-.134	.116	.246	-.534
30	565	-.161	.128	.303	-.676
30	566	-.139	.123	.298	-.597
30	567	-.129	.117	.285	-.544
30	568	-.190	.135	.215	-.694
30	569	-.198	.142	.379	-.680
30	570	-.232	.147	.205	-.762
30	571	-.183	.143	.258	-.672
30	572	-.189	.136	.277	-.778
30	573	.042	.186	.631	-1.106
30	574	-.077	.188	.591	-1.140
30	575	-.020	.142	.489	-.539
30	576	-.006	.210	.891	-.835
30	577	-.070	.152	.560	-.583
30	578	-.074	.148	.585	-.689
30	579	.031	.169	.773	-.454
30	580	.064	.158	.766	-.447
30	581	.060	.151	.579	-.547
30	582	-.099	.135	.510	-.656
30	583	-.050	.136	.412	-.604
30	584	-.150	.115	.223	-.538
30	585	.073	.165	.805	-.647
30	586	.170	.177	1.312	-.321
30	901	-.227	.137	.246	-.673
30	902	-.157	.118	.299	-.585
30	903	-.134	.127	.329	-.714
30	904	-.242	.139	.172	-.703
30	905	-.272	.166	.458	-.894
30	906	-.172	.148	.279	-.912
30	907	-.188	.128	.237	-.638
30	908	-.239	.135	.211	-.786
30	909	-.261	.116	.102	-.715
30	910	-.337	.187	.330	-1.145
30	911	-.213	.147	.263	-1.221
30	912	-.290	.182	.295	-1.106
30	913	-.205	.147	.297	-1.020
30	914	-.223	.149	.268	-.912
30	915	-.244	.167	.320	-1.188
30	916	-.317	.185	.319	-1.138
30	917	-.175	.178	.437	-.891
30	918	-.249	.167	.338	-1.337
30	919	-.288	.188	.335	-1.281
30	920	-.299	.299	.680	-1.949
30	921	-.205	.154	.249	-.962
30	922	-.228	.201	.448	-1.280
30	923	-.214	.193	.496	-1.001
30	924	-.168	.162	.390	-.795
30	925	-.085	.132	.387	-.512
30	926	.209	.187	.992	-.414
30	927	.033	.145	.634	-.412

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	928	-.016	.133	.427	-.430
30	929	-.034	.126	.623	-.429
30	930	-.052	.130	.518	-.607
30	931	-.151	.190	.690	-1.018
30	932	-.169	.165	.502	-.708
30	933	-.154	.142	.296	-.676
30	935	.174	.196	1.210	-.581
30	936	.028	.154	.877	-.461
30	937	-.011	.123	.422	-.443
30	938	-.168	.165	.397	-.853
30	939	-.142	.145	.358	-.713
30	940	-.010	.168	.613	-.792
30	941	.100	.181	.699	-.680
30	942	-.017	.146	.464	-.554
30	943	-.189	.157	.442	-.759
30	944	-.199	.145	.321	-.750
30	945	-.062	.175	.986	-.646
30	946	.062	.173	.913	-.473
30	947	-.028	.140	.421	-.627
30	948	-.132	.144	.332	-.634
30	949	-.188	.137	.210	-.774
30	950	-.055	.149	.585	-.628
30	951	.086	.174	.822	-.477
30	952	-.005	.146	.560	-.543
30	953	-.094	.149	.470	-.637
30	954	-.186	.140	.352	-.818
30	955	-.055	.141	.513	-.546
30	956	.052	.145	.605	-.422
30	957	.006	.135	.549	-.405
30	958	-.215	.147	.400	-.700
30	959	-.034	.124	.398	-.456
30	960	-.170	.162	.347	-.870
30	961	-.074	.127	.367	-.551
30	962	-.080	.173	.694	-.750
30	963	.059	.140	.600	-.392
30	964	.056	.139	.609	-.421
30	965	.005	.154	.698	-.740
30	966	-.119	.170	.402	-1.011
30	967	-.226	.147	.288	-.784
30	968	-.127	.188	.701	-.933
30	969	-.028	.148	.662	-.611
30	970	-.116	.147	.425	-1.876
30	971	-.242	.147	.260	-.901
30	972	-.194	.158	.628	-.906
30	973	-.052	.131	.451	-.551
30	974	-.032	.138	.543	-.521
30	975	-.121	.146	.500	-.677
30	976	-.093	.137	.525	-.515
30	977	-.130	.178	.726	-.768
30	978	-.277	.183	.333	-1.154

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	979	-.270	.178	.227	-1.336
30	980	-.294	.177	.256	-1.082
30	981	-.212	.148	.321	-.725
30	982	-.112	.151	.478	-.670
30	983	-.011	.147	.627	-.483
30	984	-.005	.138	.477	-.432
30	985	.007	.131	.461	-.470
30	986	.034	.159	.585	-.528
40	1	-.263	.208	.420	-1.276
40	2	-.103	.192	.649	-.868
40	3	-.226	.238	.549	-1.384
40	4	-.178	.189	.475	-.857
40	5	-.236	.166	.263	-1.052
40	6	-.195	.158	.292	-.989
40	7	-.078	.179	.744	-.928
40	8	-.189	.164	.346	-.793
40	9	-.143	.125	.290	-.657
40	10	-.145	.122	.291	-.654
40	11	-.143	.122	.276	-.659
40	12	-.163	.124	.237	-.657
40	13	-.181	.130	.213	-.756
40	14	-.119	.117	.356	-.555
40	15	-.420	.190	.327	-1.358
40	16	-.457	.249	.154	-2.392
40	17	-.316	.166	.226	-.960
40	18	.231	.196	1.027	-.483
40	101	.062	.343	1.233	-1.040
40	102	-.021	.202	.815	-.664
40	103	-.286	.204	.458	-1.348
40	104	-.292	.188	.257	-1.526
40	105	.139	.245	1.111	-.697
40	106	-.087	.245	.751	-.918
40	107	-.102	.176	.714	-.787
40	108	-.137	.261	.873	-1.133
40	109	-.125	.177	.597	-.804
40	110	-.168	.173	.417	-.872
40	111	-.107	.184	.577	-.865
40	112	-.252	.184	.408	-.962
40	113	-.127	.169	.813	-.732
40	114	.053	.206	1.143	-.717
40	115	.216	.259	1.085	-.498
40	116	.056	.211	1.079	-.653
40	117	.006	.227	1.177	-.829
40	118	.132	.237	1.304	-.625
40	119	-.186	.227	.963	-1.071
40	120	-.109	.290	1.168	-1.285
40	121	-.050	.206	.920	-.689
40	122	-.103	.182	.539	-.703
40	123	-.103	.175	.646	-.655
40	124	.001	.171	.571	-.533

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	125	.259	.213	1.188	-.364
40	126	.300	.221	1.420	-.465
40	127	.059	.175	.767	-.455
40	128	.057	.175	.698	-.441
40	129	-.101	.166	.563	-.714
40	130	-.167	.172	.664	-.843
40	131	-.142	.291	.814	-1.391
40	132	-.162	.138	.387	-.763
40	133	-.121	.285	.807	-1.309
40	134	-.040	.197	.628	-.807
40	135	-.018	.183	.668	-.632
40	136	-.033	.173	.556	-.704
40	137	.043	.162	.771	-.574
40	138	.240	.201	1.228	-.392
40	139	.310	.210	1.063	-.295
40	140	.062	.157	.589	-.388
40	141	.070	.163	.672	-.411
40	142	-.087	.143	.365	-.639
40	143	-.095	.148	.452	-.702
40	144	-.083	.232	.792	-1.400
40	145	-.128	.177	.541	-.785
40	146	-.051	.201	.683	-.988
40	147	-.147	.254	.701	-1.756
40	148	-.086	.209	.663	-1.248
40	149	-.180	.133	.365	-.684
40	150	-.120	.180	.560	-.969
40	151	-.168	.147	.279	-.752
40	152	-.060	.229	.939	-.832
40	153	-.042	.152	.524	-.577
40	154	-.115	.130	.403	-.618
40	155	-.131	.131	.460	-.656
40	156	-.158	.134	.291	-.670
40	157	.006	.164	.693	-.634
40	158	.092	.170	.734	-.500
40	159	-.034	.173	.617	-.645
40	160	-.079	.140	.457	-.656
40	161	-.168	.163	.435	-.793
40	162	-.098	.149	.393	-.576
40	163	-.031	.161	.626	-.546
40	164	-.070	.141	.418	-.497
40	165	-.086	.117	.272	-.555
40	166	-.152	.196	.568	-.896
40	167	-.224	.194	.318	-1.307
40	168	-.191	.156	.312	-.742
40	169	-.115	.151	.494	-.668
40	170	-.036	.191	.865	-.825
40	171	.034	.162	.744	-.757
40	172	.036	.144	.763	-.490
40	173	.075	.174	.818	-.463
40	174	.043	.161	.739	-.446

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	175	-.018	.141	.496	-.485
40	176	-.213	.153	.283	-.941
40	177	-.187	.142	.275	-.799
40	178	-.176	.147	.292	-.769
40	179	-.186	.156	.343	-.854
40	180	-.198	.229	.598	-1.423
40	181	-.194	.173	.401	-1.564
40	182	-.122	.145	.456	-.655
40	183	-.087	.155	.505	-.641
40	184	-.021	.188	.659	-.855
40	185	.043	.160	.654	-1.077
40	186	.088	.174	.820	-1.185
40	187	.062	.179	.678	-.927
40	188	.020	.176	.749	-.969
40	189	.011	.152	.529	-.510
40	190	.080	.168	1.026	-.449
40	191	.062	.163	.725	-.465
40	192	.003	.147	.463	-.518
40	193	-.181	.144	.350	-.779
40	194	-.164	.133	.301	-.630
40	195	-.174	.133	.287	-.682
40	196	-.198	.141	.226	-.771
40	197	-.135	.273	.759	-1.339
40	198	-.183	.176	.478	-.777
40	199	-.128	.172	.373	-.792
40	200	-.123	.160	.577	-.660
40	201	-.117	.144	.478	-.574
40	202	-.084	.183	.695	-.713
40	203	-.015	.159	.743	-.488
40	204	-.003	.142	.575	-.477
40	205	.013	.154	.585	-.526
40	206	.018	.148	.695	-.436
40	207	-.031	.134	.587	-.472
40	208	-.022	.143	.757	-.514
40	209	.010	.142	.580	-.488
40	210	.113	.179	.835	-.528
40	211	-.168	.147	.546	-.700
40	212	-.154	.144	.314	-.734
40	213	-.168	.138	.335	-.723
40	214	-.044	.209	.767	-1.457
40	215	-.177	.160	.457	-.762
40	301	-.291	.226	.471	-1.582
40	302	-.255	.161	.235	-1.126
40	303	-.205	.095	.079	-.471
40	304	-.325	.266	.734	-2.244
40	305	-.257	.184	.383	-1.342
40	306	-.192	.146	.343	-.760
40	307	-.277	.235	.688	-1.187
40	308	-.216	.175	.374	-1.025
40	309	-.248	.174	.297	-1.023

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	310	-.224	.161	.243	-.920
40	311	-.221	.154	.250	-.839
40	312	-.215	.160	.328	-.934
40	313	-.209	.173	.361	-.973
40	314	-.187	.139	.285	-.686
40	315	-.185	.134	.209	-.751
40	316	-.195	.131	.205	-.738
40	317	-.183	.126	.217	-.702
40	318	-.182	.128	.218	-.725
40	319	-.197	.140	.238	-.815
40	320	-.210	.138	.204	-.735
40	321	-.201	.136	.206	-.765
40	322	-.201	.135	.232	-.642
40	323	-.175	.129	.220	-.601
40	324	-.177	.125	.301	-.742
40	325	-.250	.150	.234	-.911
40	326	-.141	.161	.392	-.905
40	327	-.103	.156	.466	-.679
40	328	-.003	.144	.632	-.515
40	329	-.275	.173	.183	-1.163
40	330	-.194	.121	.213	-.588
40	331	-.181	.119	.248	-.532
40	332	-.179	.120	.168	-.617
40	333	-.158	.123	.265	-.575
40	334	-.088	.131	.314	-.566
40	335	-.097	.169	.432	-.857
40	336	-.012	.156	.539	-.620
40	337	-.123	.125	.294	-.553
40	338	-.197	.148	.456	-.788
40	339	-.138	.130	.266	-.594
40	340	-.168	.125	.276	-.593
40	341	-.157	.127	.232	-.590
40	342	-.159	.135	.373	-.594
40	343	-.099	.135	.373	-.532
40	344	-.115	.136	.340	-.637
40	345	-.114	.134	.328	-.609
40	346	-.157	.128	.278	-.658
40	347	-.142	.134	.288	-.628
40	348	-.165	.131	.223	-.630
40	349	-.161	.124	.253	-.620
40	350	-.168	.129	.240	-.667
40	351	-.147	.127	.241	-.649
40	352	-.130	.125	.462	-.631
40	353	-.136	.123	.338	-.612
40	354	-.105	.132	.577	-.608
40	355	-.055	.136	.474	-.604
40	356	-.107	.129	.418	-.544
40	357	-.103	.127	.443	-.508
40	358	-.136	.120	.283	-.534
40	359	-.124	.121	.307	-.521

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	360	-.133	.126	.295	-.630
40	361	-.129	.121	.249	-.565
40	362	-.154	.121	.253	-.569
40	363	-.133	.121	.261	-.588
40	364	-.145	.125	.254	-.566
40	365	-.123	.133	.349	-.554
40	366	-.176	.149	.310	-.809
40	367	-.212	.170	.327	-.882
40	368	-.070	.129	.348	-.555
40	369	-.028	.129	.425	-.503
40	370	-.055	.130	.415	-.540
40	371	-.076	.142	.462	-.573
40	372	-.076	.123	.325	-.537
40	373	.029	.141	.756	-.455
40	374	.049	.130	.549	-.414
40	375	.034	.124	.576	-.414
40	376	-.122	.123	.332	-.519
40	377	-.127	.120	.319	-.503
40	401	-.164	.135	.286	-.845
40	402	-.119	.113	.248	-.506
40	403	-.149	.133	.282	-.741
40	404	-.134	.126	.322	-.654
40	405	-.146	.129	.327	-.716
40	406	-.126	.132	.343	-.649
40	407	-.253	.165	.229	-1.173
40	408	-.223	.152	.267	-.878
40	409	-.181	.135	.294	-.608
40	410	-.153	.129	.307	-.591
40	411	-.135	.163	.355	-1.034
40	412	-.157	.128	.228	-.618
40	413	-.149	.125	.239	-.619
40	414	-.147	.126	.230	-.630
40	415	-.137	.127	.229	-.573
40	416	-.137	.131	.266	-.625
40	417	-.136	.133	.291	-.675
40	418	-.134	.136	.329	-.694
40	419	-.146	.139	.355	-.749
40	420	-.151	.142	.310	-.850
40	421	-.180	.140	.224	-.800
40	422	-.177	.141	.268	-.788
40	423	-.182	.142	.293	-.639
40	424	-.173	.146	.342	-.729
40	425	-.186	.152	.388	-.875
40	426	-.200	.158	.335	-.854
40	427	-.163	.133	.285	-.674
40	428	-.138	.127	.285	-.560
40	429	-.134	.126	.286	-.537
40	430	-.127	.128	.283	-.532
40	431	-.122	.126	.275	-.554
40	432	-.146	.124	.249	-.547

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	433	-.155	.126	.311	-.549
40	434	-.136	.126	.309	-.516
40	435	-.139	.127	.312	-.575
40	436	-.118	.121	.228	-.547
40	437	-.128	.120	.229	-.551
40	438	-.135	.123	.227	-.595
40	439	-.140	.125	.234	-.611
40	440	-.149	.138	.332	-.606
40	441	-.167	.140	.311	-.949
40	442	-.175	.144	.351	-.651
40	443	-.190	.149	.341	-.696
40	444	-.171	.119	.229	-.553
40	445	-.183	.134	.259	-.738
40	446	-.167	.118	.213	-.592
40	447	-.155	.115	.248	-.502
40	448	-.136	.119	.363	-.614
40	449	-.143	.118	.341	-.604
40	450	-.127	.120	.354	-.608
40	451	-.139	.125	.355	-.619
40	452	-.146	.130	.293	-.617
40	453	-.150	.128	.278	-.624
40	454	-.142	.127	.275	-.583
40	455	-.142	.129	.303	-.566
40	456	-.132	.121	.256	-.544
40	457	-.142	.120	.251	-.561
40	458	-.116	.121	.246	-.554
40	459	-.122	.121	.240	-.525
40	460	-.132	.130	.323	-.571
40	461	-.150	.134	.323	-.619
40	462	-.144	.133	.315	-.578
40	463	-.142	.115	.242	-.482
40	464	-.148	.111	.228	-.517
40	465	-.152	.115	.243	-.547
40	466	-.153	.119	.260	-.566
40	467	-.147	.117	.259	-.547
40	468	-.151	.118	.312	-.571
40	469	-.160	.117	.249	-.601
40	470	-.142	.130	.269	-.653
40	471	-.140	.116	.296	-.536
40	472	-.147	.124	.253	-.517
40	473	-.155	.123	.246	-.532
40	474	-.149	.123	.259	-.500
40	475	-.129	.129	.307	-.515
40	476	-.143	.118	.228	-.547
40	477	-.156	.119	.211	-.576
40	478	-.139	.126	.257	-.590
40	479	-.149	.130	.258	-.632
40	480	-.129	.128	.261	-.628
40	481	-.120	.135	.266	-.564
40	482	-.142	.130	.249	-.639

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	483	-.137	.129	.248	-.642
40	484	-.166	.130	.281	-.617
40	485	-.154	.127	.273	-.533
40	486	-.157	.128	.292	-.536
40	487	-.163	.130	.296	-.558
40	488	-.155	.135	.283	-.651
40	489	-.151	.132	.297	-.631
40	490	-.152	.134	.297	-.718
40	491	-.153	.134	.301	-.708
40	492	-.141	.133	.383	-.555
40	493	-.137	.141	.308	-.735
40	494	-.147	.142	.290	-.750
40	495	-.159	.143	.238	-.735
40	496	-.164	.135	.253	-.688
40	501	-.164	.148	.351	-1.031
40	502	-.237	.176	.335	-1.460
40	503	-.111	.251	.924	-1.158
40	504	-.178	.138	.275	-.728
40	505	-.258	.168	.258	-.872
40	506	-.283	.179	.355	-1.157
40	507	-.264	.183	.301	-1.187
40	508	-.324	.190	.393	-1.235
40	509	-.202	.212	.559	-1.307
40	510	-.250	.184	.285	-1.165
40	511	-.282	.183	.366	-1.056
40	512	-.268	.195	.435	-1.397
40	513	-.334	.229	.448	-1.945
40	514	-.294	.303	.803	-2.067
40	515	-.235	.174	.398	-.932
40	516	-.218	.167	.364	-1.067
40	517	-.159	.133	.363	-.595
40	518	-.234	.206	.311	-1.013
40	519	-.343	.257	.472	-1.713
40	520	-.299	.311	.888	-1.574
40	521	-.199	.154	.253	-.781
40	522	-.199	.154	.260	-.802
40	523	-.198	.162	.307	-1.111
40	524	-.446	.370	.347	-3.447
40	525	-.383	.408	.632	-3.645
40	526	-.350	.381	.645	-2.679
40	527	-.180	.148	.300	-.845
40	528	-.171	.142	.349	-.876
40	529	-.157	.141	.331	-.755
40	530	-.205	.165	.310	-.925
40	531	-.413	.295	.438	-2.295
40	532	-.121	.267	.851	-1.262
40	533	-.075	.233	.961	-1.266
40	534	-.163	.232	.659	-1.274
40	535	-.159	.275	.803	-1.631
40	536	-.176	.210	.800	-1.164

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	537	-.181	.186	.740	-.930
40	538	-.033	.218	.731	-.863
40	539	-.155	.214	.573	-1.180
40	540	-.157	.176	.342	-.941
40	541	-.166	.157	.285	-.701
40	542	-.069	.165	.526	-.864
40	543	.032	.201	.773	-1.209
40	544	-.026	.214	.837	-1.123
40	545	-.070	.197	.659	-.829
40	546	-.156	.138	.284	-.693
40	547	-.159	.149	.340	-.778
40	548	-.155	.150	.356	-.810
40	549	-.167	.155	.354	-.869
40	550	-.135	.136	.291	-.708
40	551	-.210	.179	.453	-1.180
40	552	-.276	.175	.232	-1.186
40	553	-.207	.199	.749	-1.351
40	554	-.037	.172	.607	-.849
40	555	-.086	.192	.609	-1.013
40	556	-.005	.213	.724	-.709
40	557	-.040	.233	1.038	-.859
40	558	-.128	.196	.731	-.798
40	559	-.050	.167	.500	-1.099
40	560	-.082	.186	.486	-1.197
40	561	-.023	.209	.684	-1.178
40	562	-.040	.217	.916	-1.194
40	563	-.250	.157	.235	-1.074
40	564	-.145	.143	.282	-.809
40	565	-.155	.145	.265	-.827
40	566	-.131	.143	.333	-.798
40	567	-.138	.141	.295	-.773
40	568	-.173	.145	.282	-.673
40	569	-.191	.153	.325	-.706
40	570	-.228	.163	.222	-.873
40	571	-.175	.152	.246	-.682
40	572	-.157	.138	.242	-.747
40	573	.106	.176	.739	-.537
40	574	-.052	.185	.562	-1.197
40	575	.004	.139	.401	-.567
40	576	.072	.228	.891	-.845
40	577	-.082	.168	.597	-.697
40	578	-.107	.158	.534	-.791
40	579	.075	.177	.856	-.670
40	580	.122	.176	.860	-.423
40	581	.057	.148	.779	-.442
40	582	-.156	.139	.374	-.571
40	583	-.085	.141	.383	-.715
40	584	-.149	.123	.301	-.563
40	585	.004	.161	.529	-.731
40	586	.132	.189	.926	-.430

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	901	-.248	.176	.282	-1.052
40	902	-.164	.131	.294	-.640
40	903	-.139	.133	.566	-.587
40	904	-.238	.141	.188	-.798
40	905	-.264	.169	.296	-.955
40	906	-.184	.163	.644	-.889
40	907	-.209	.140	.286	-.809
40	908	-.262	.158	.353	-.976
40	909	-.273	.122	.133	-.925
40	910	-.328	.190	.264	-1.212
40	911	-.239	.152	.285	-.862
40	912	-.326	.203	.245	-1.283
40	913	-.220	.162	.319	-.797
40	914	-.210	.155	.322	-1.358
40	915	-.267	.189	.313	-1.635
40	916	-.343	.197	.264	-1.204
40	917	-.194	.174	.468	-1.104
40	918	-.279	.185	.252	-1.571
40	919	-.260	.167	.263	-1.230
40	920	-.328	.302	.681	-2.699
40	921	-.158	.153	.417	-.945
40	922	-.081	.243	.851	-1.302
40	923	-.109	.254	.771	-1.084
40	924	-.076	.200	.504	-.754
40	925	-.054	.146	.445	-.564
40	926	.332	.214	1.367	-.236
40	927	.085	.164	.647	-.489
40	928	-.016	.137	.475	-.539
40	929	-.063	.133	.452	-.498
40	930	-.078	.130	.421	-.552
40	931	-.076	.208	.642	-1.591
40	932	-.085	.183	.565	-.770
40	933	-.120	.160	.365	-.788
40	935	.182	.199	.897	-.604
40	936	.086	.179	.953	-.493
40	937	-.003	.132	.479	-.479
40	938	-.107	.200	.808	-1.234
40	939	-.134	.173	.434	-.958
40	940	-.058	.172	.545	-.723
40	941	.116	.207	.993	-.550
40	942	.018	.174	.780	-.616
40	943	-.123	.176	.565	-.714
40	944	-.155	.155	.341	-.899
40	945	-.103	.169	.440	-1.260
40	946	.055	.198	.892	-.646
40	947	-.012	.156	.774	-.604
40	948	-.085	.156	.508	-.694
40	949	-.123	.141	.333	-.647
40	950	-.085	.138	.473	-.650
40	951	.066	.170	.882	-.480

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	952	.016	.149	.630	-.602
40	953	-.062	.155	.490	-.635
40	954	-.139	.154	.368	-.701
40	955	-.075	.146	.443	-.618
40	956	.065	.149	.576	-.424
40	957	.014	.151	.552	-.513
40	958	-.196	.173	.334	-.865
40	959	-.069	.143	.548	-.543
40	960	-.146	.211	.589	-1.152
40	961	-.141	.148	.385	-.601
40	962	-.112	.199	.660	-1.032
40	963	.101	.166	.867	-.411
40	964	.107	.170	.865	-.462
40	965	.057	.191	.786	-.677
40	966	-.166	.239	.648	-1.687
40	967	-.173	.183	.461	-.941
40	968	-.248	.229	.467	-1.262
40	969	-.029	.161	.672	-.636
40	970	-.118	.185	.456	-1.006
40	971	-.167	.168	.397	-.674
40	972	-.236	.186	.298	-1.026
40	973	-.050	.154	.443	-.592
40	974	-.040	.132	.475	-.534
40	975	-.220	.144	.237	-.875
40	976	-.170	.136	.285	-.670
40	977	-.090	.190	.598	-.809
40	978	-.255	.219	.457	-1.193
40	979	-.235	.199	.500	-1.069
40	980	-.229	.200	.438	-1.097
40	981	-.169	.167	.405	-.773
40	982	-.125	.164	.476	-.767
40	983	.038	.159	.630	-.462
40	984	.005	.153	.649	-.510
40	985	-.014	.135	.486	-.527
40	986	.058	.179	.896	-.539
50	1	-.211	.187	.486	-1.052
50	2	-.156	.165	.486	-.925
50	3	-.001	.216	.762	-.922
50	4	-.145	.171	.460	-1.023
50	5	-.257	.170	.324	-1.132
50	6	-.226	.170	.340	-1.243
50	7	-.000	.179	.699	-.576
50	8	-.238	.147	.328	-.846
50	9	-.075	.154	.653	-.581
50	10	-.206	.148	.210	-.968
50	11	-.178	.127	.233	-.631
50	12	-.148	.118	.375	-.603
50	13	-.171	.125	.266	-.674
50	14	-.136	.113	.250	-.540
50	15	-.371	.185	.249	-1.255

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	16	-.363	.202	.129	-2.046
50	17	-.255	.138	.269	-.774
50	18	.200	.187	.912	-.403
50	101	.044	.344	1.319	-1.269
50	102	-.005	.201	.840	-.958
50	103	-.321	.240	.637	-1.375
50	104	-.332	.193	.375	-1.090
50	105	-.089	.234	1.138	-.688
50	106	-.041	.223	.902	-1.004
50	107	-.087	.181	.708	-.737
50	108	.123	.298	1.025	-1.170
50	109	-.089	.206	.661	-.992
50	110	-.183	.177	.420	-.850
50	111	-.225	.219	.580	-1.356
50	112	-.099	.216	.785	-.928
50	113	-.117	.146	.389	-.675
50	114	-.018	.190	.817	-.828
50	115	.196	.244	1.087	-.457
50	116	.072	.218	.945	-.634
50	117	.049	.233	1.046	-.787
50	118	.140	.230	1.322	-.466
50	119	-.162	.190	.837	-.901
50	120	.149	.272	1.255	-1.294
50	121	.081	.198	.922	-.577
50	122	-.023	.161	.647	-.544
50	123	-.035	.163	.524	-.551
50	124	.006	.157	.672	-.563
50	125	.158	.188	1.081	-.351
50	126	.265	.213	1.307	-.357
50	127	.085	.171	.960	-.498
50	128	.073	.168	.825	-.450
50	129	-.092	.154	.564	-.704
50	130	-.170	.160	.683	-.815
50	131	.206	.278	1.306	-1.178
50	132	-.148	.121	.250	-.538
50	133	.157	.257	1.053	-.844
50	134	.161	.222	1.061	-1.005
50	135	.060	.162	.660	-.454
50	136	.031	.161	.764	-.488
50	137	.084	.162	.687	-.390
50	138	.170	.172	.751	-.363
50	139	.240	.203	.912	-.323
50	140	.075	.156	.633	-.362
50	141	.094	.158	.681	-.368
50	142	-.070	.132	.441	-.457
50	143	-.033	.147	.639	-.509
50	144	.164	.256	1.196	-.820
50	145	-.084	.178	.513	-.811
50	146	.002	.194	.675	-.664
50	147	.046	.241	.987	-1.356
50	148	-.050	.199	.742	-.801
50	149	-.131	.120	.272	-.497
50	150	-.117	.166	.660	-.747
50	151	-.161	.127	.273	-.583
50	152	.112	.217	1.124	-.601
50	153	.021	.155	.620	-.524
50	154	-.103	.127	.354	-.538
50	155	-.125	.124	.363	-.584
50	156	-.176	.121	.282	-.577
50	157	.015	.138	.561	-.461
50	158	.091	.148	.765	-.451
50	159	.042	.162	.805	-.864
50	160	-.067	.132	.483	-.846
50	161	-.200	.191	.378	-1.408
50	162	-.073	.155	.443	-.544
50	163	.093	.173	.695	-.440
50	164	-.045	.138	.454	-.489
50	165	-.105	.138	.352	-.578
50	166	-.002	.245	.933	-.990
50	167	-.100	.187	.808	-1.103
50	168	-.110	.171	.502	-.966
50	169	-.099	.162	.553	-.672
50	170	-.053	.193	.902	-.939
50	171	.018	.172	.717	-1.000
50	172	.045	.145	.684	-.470
50	173	.099	.179	.883	-.494
50	174	.070	.168	.762	-.416
50	175	.021	.148	.605	-.474
50	176	-.194	.174	.410	-1.510
50	177	-.204	.144	.281	-.903
50	178	-.175	.133	.211	-.691
50	179	-.180	.135	.267	-.675
50	180	-.053	.218	.886	-.874
50	181	-.079	.169	.520	-.628
50	182	-.164	.170	.308	-1.381
50	183	-.094	.151	.364	-.893
50	184	-.042	.168	.633	-.791
50	185	.013	.174	.655	-.836
50	186	.070	.178	.724	-.544
50	187	.072	.180	.754	-.633
50	188	.038	.175	.666	-.734
50	189	.019	.144	.581	-.589
50	190	.096	.163	.722	-.691
50	191	.088	.163	.797	-.695
50	192	.028	.148	.624	-.539
50	193	-.174	.157	.359	-.838
50	194	-.171	.137	.333	-.691
50	195	-.163	.132	.275	-.700
50	196	-.179	.136	.317	-.685
50	197	.056	.249	.933	-1.319
50	198	-.079	.184	.557	-.756
50	199	-.086	.155	.556	-.683
50	200	-.106	.150	.495	-.626
50	201	-.070	.146	.469	-.553
50	202	-.062	.153	.604	-.682
50	203	-.007	.156	.774	-.607
50	204	.008	.144	.535	-.534
50	205	.036	.156	.744	-.494
50	206	.045	.152	.752	-.462
50	207	.005	.130	.463	-.445
50	208	.018	.134	.559	-.365
50	209	.035	.154	.709	-.442
50	210	.133	.165	.957	-.406
50	211	-.183	.161	.363	-.853
50	212	-.175	.138	.318	-.769
50	213	-.186	.142	.269	-.830
50	214	.009	.188	.983	-.927
50	215	-.165	.157	.507	-.914
50	301	-.293	.223	.672	-1.464
50	302	-.250	.163	.269	-.975
50	303	-.196	.100	.086	-.519
50	304	-.325	.239	.652	-1.544
50	305	-.241	.176	.335	-1.369
50	306	-.181	.141	.298	-.867
50	307	-.295	.220	.812	-1.148
50	308	-.200	.158	.370	-.994
50	309	-.227	.151	.271	-.898
50	310	-.192	.138	.264	-.695
50	311	-.186	.132	.255	-.658
50	312	-.202	.163	.287	-1.042
50	313	-.232	.184	.490	-1.354
50	314	-.183	.142	.343	-.791
50	315	-.168	.133	.248	-.759
50	316	-.176	.129	.204	-.627
50	317	-.162	.124	.242	-.582
50	318	-.176	.125	.218	-.612
50	319	-.190	.141	.273	-1.275
50	320	-.196	.125	.245	-.683
50	321	-.182	.123	.226	-.650
50	322	-.199	.123	.174	-.601
50	323	-.190	.121	.172	-.572
50	324	-.181	.129	.329	-.661
50	325	-.179	.130	.238	-.670
50	326	-.193	.144	.579	-.679
50	327	-.072	.157	.703	-.783
50	328	-.031	.147	.564	-.490
50	329	-.188	.144	.246	-.846
50	330	-.172	.125	.241	-.588
50	331	-.176	.130	.250	-.587
50	332	-.186	.118	.251	-.740

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	333	-.179	.122	.266	-.651
50	334	-.057	.137	.471	-.639
50	335	-.033	.164	.779	-.687
50	336	.043	.165	.761	-.461
50	337	-.122	.122	.347	-.528
50	338	-.205	.130	.301	-.695
50	339	-.181	.125	.205	-.673
50	340	-.181	.132	.457	-.659
50	341	-.164	.126	.338	-.720
50	342	-.171	.129	.341	-.716
50	343	-.160	.128	.310	-.660
50	344	-.162	.128	.230	-.562
50	345	-.157	.126	.223	-.549
50	346	-.174	.124	.206	-.596
50	347	-.178	.127	.215	-.615
50	348	-.188	.123	.223	-.655
50	349	-.161	.117	.226	-.611
50	350	-.166	.120	.248	-.601
50	351	-.154	.119	.261	-.584
50	352	-.169	.128	.249	-.592
50	353	-.149	.123	.260	-.600
50	354	-.155	.124	.286	-.569
50	355	-.147	.122	.254	-.565
50	356	-.136	.132	.411	-.658
50	357	-.121	.131	.305	-.650
50	358	-.120	.132	.304	-.583
50	359	-.125	.131	.272	-.651
50	360	-.119	.127	.283	-.551
50	361	-.105	.125	.330	-.568
50	362	-.130	.122	.235	-.629
50	363	-.112	.125	.248	-.568
50	364	-.122	.131	.285	-.609
50	365	-.104	.139	.333	-.596
50	366	-.167	.166	.328	-.863
50	367	-.211	.189	.327	-1.040
50	368	-.047	.124	.399	-.515
50	369	-.001	.127	.466	-.481
50	370	-.029	.126	.413	-.513
50	371	-.067	.135	.415	-.514
50	372	-.068	.128	.379	-.473
50	373	.050	.154	.847	-.447
50	374	.048	.147	.633	-.422
50	375	.025	.140	.560	-.477
50	376	-.104	.124	.301	-.646
50	377	-.104	.124	.338	-.653
50	401	-.178	.132	.221	-.908
50	402	-.165	.104	.180	-.547
50	403	-.154	.128	.274	-.578
50	404	-.152	.121	.215	-.551
50	405	-.166	.125	.227	-.548
50	406	-.174	.129	.299	-.652
50	407	-.243	.154	.242	-.908
50	408	-.275	.178	.294	-1.015
50	409	-.148	.128	.260	-.593
50	410	-.130	.124	.266	-.522
50	411	-.124	.150	.383	-.986
50	412	-.138	.137	.353	-.637
50	413	-.148	.135	.313	-.690
50	414	-.148	.134	.292	-.603
50	415	-.160	.134	.304	-.633
50	416	-.166	.136	.216	-.733
50	417	-.194	.141	.196	-.756
50	418	-.194	.144	.208	-.871
50	419	-.210	.149	.281	-1.017
50	420	-.207	.151	.429	-.911
50	421	-.198	.150	.418	-.961
50	422	-.190	.146	.419	-.698
50	423	-.179	.149	.448	-.909
50	424	-.189	.151	.368	-.743
50	425	-.194	.152	.296	-.729
50	426	-.215	.161	.415	-.899
50	427	-.157	.136	.314	-.630
50	428	-.136	.127	.259	-.617
50	429	-.153	.128	.310	-.641
50	430	-.157	.130	.305	-.669
50	431	-.162	.130	.303	-.676
50	432	-.217	.136	.358	-.702
50	433	-.159	.128	.339	-.567
50	434	-.164	.129	.377	-.551
50	435	-.180	.131	.344	-.617
50	436	-.192	.153	.291	-.742
50	437	-.194	.150	.270	-.741
50	438	-.188	.152	.291	-.694
50	439	-.181	.163	.397	-.747
50	440	-.181	.135	.373	-.647
50	441	-.200	.135	.306	-.656
50	442	-.205	.133	.248	-.640
50	443	-.206	.136	.309	-.767
50	444	-.154	.123	.283	-.609
50	445	-.195	.140	.267	-.736
50	446	-.150	.123	.259	-.611
50	447	-.134	.120	.306	-.599
50	448	-.143	.123	.223	-.552
50	449	-.136	.122	.256	-.536
50	450	-.141	.127	.237	-.554
50	451	-.205	.156	.326	-.843
50	452	-.090	.133	.452	-.519
50	453	-.086	.130	.465	-.505
50	454	-.119	.127	.397	-.528
50	455	-.163	.138	.326	-.778
50	456	-.180	.132	.210	-.776
50	457	-.148	.125	.220	-.612
50	458	-.103	.131	.477	-.551
50	459	-.119	.131	.372	-.531
50	460	-.164	.140	.371	-.756
50	461	-.184	.132	.220	-.644
50	462	-.175	.133	.237	-.647
50	463	-.119	.121	.281	-.523
50	464	-.125	.133	.362	-.547
50	465	-.108	.140	.437	-.591
50	466	-.140	.127	.288	-.573
50	467	-.109	.139	.316	-.595
50	468	-.132	.133	.360	-.666
50	469	-.126	.130	.341	-.667
50	470	-.155	.126	.241	-.623
50	471	-.138	.117	.270	-.592
50	472	-.118	.143	.365	-.622
50	473	-.126	.141	.365	-.627
50	474	-.127	.143	.353	-.634
50	475	-.068	.153	.420	-.572
50	476	-.147	.129	.329	-.545
50	477	-.113	.137	.384	-.539
50	478	-.064	.154	.443	-.545
50	479	-.097	.152	.377	-.612
50	480	-.136	.121	.288	-.542
50	481	-.051	.162	.609	-.486
50	482	-.133	.123	.321	-.537
50	483	-.136	.120	.304	-.536
50	484	-.120	.127	.327	-.581
50	485	-.113	.126	.315	-.559
50	486	-.130	.128	.324	-.592
50	487	-.143	.131	.318	-.624
50	488	-.181	.143	.384	-.900
50	489	-.110	.139	.552	-.629
50	490	-.096	.135	.376	-.602
50	491	-.091	.136	.409	-.600
50	492	-.070	.153	.763	-.586
50	493	-.032	.160	.665	-.557
50	494	-.086	.157	.565	-.601
50	495	-.148	.147	.479	-.658
50	496	-.135	.147	.370	-.800
50	501	-.173	.151	.347	-.917
50	502	-.249	.178	.321	-1.383
50	503	-.139	.225	.784	-1.218
50	504	-.213	.146	.270	-.782
50	505	-.219	.162	.316	-.857
50	506	-.224	.220	.579	-1.031
50	507	-.272	.185	.607	-.969
50	508	-.354	.281	.942	-1.522
50	509	-.283	.224	.525	-1.441

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	510	-.251	.167	.325	-1.079
50	511	-.322	.181	.293	-1.007
50	512	-.228	.174	.319	-1.024
50	513	-.335	.253	.442	-1.244
50	514	-.053	.272	.927	-1.747
50	515	-.231	.162	.255	-.894
50	516	-.241	.153	.310	-.873
50	517	-.160	.137	.301	-.561
50	518	-.155	.162	.343	-1.243
50	519	-.331	.270	.668	-1.910
50	520	-.027	.296	1.108	-1.614
50	521	-.189	.156	.381	-.805
50	522	-.205	.158	.365	-.902
50	523	-.164	.152	.420	-.864
50	524	-.392	.283	.482	-2.569
50	525	-.037	.309	.933	-2.522
50	526	-.148	.302	.731	-2.363
50	527	-.200	.147	.228	-1.051
50	528	-.173	.146	.265	-.813
50	529	-.109	.133	.341	-.624
50	530	-.138	.146	.359	-.714
50	531	-.370	.257	.343	-2.216
50	532	-.194	.225	1.145	-.696
50	533	-.118	.259	1.238	-1.162
50	534	-.095	.216	1.138	-.728
50	535	-.093	.214	.820	-.818
50	536	-.207	.187	.806	-.956
50	537	-.122	.180	.689	-.903
50	538	-.187	.231	1.021	-.604
50	539	-.019	.197	.841	-1.107
50	540	-.071	.158	.459	-.807
50	541	-.119	.153	.361	-.704
50	542	-.012	.151	.516	-.608
50	543	-.121	.206	.808	-.680
50	544	-.103	.243	.994	-.680
50	545	-.043	.189	1.042	-.806
50	546	-.161	.141	.346	-.597
50	547	-.123	.149	.338	-.660
50	548	-.135	.146	.336	-.621
50	549	-.129	.144	.368	-.641
50	550	-.128	.139	.363	-.554
50	551	-.084	.166	.544	-.873
50	552	-.199	.165	.274	-.917
50	553	-.109	.181	.561	-.952
50	554	-.027	.146	.551	-.541
50	555	-.080	.165	.617	-.713
50	556	-.105	.185	.953	-.610
50	557	-.154	.234	1.046	-.809
50	558	-.033	.170	.733	-.567
50	559	-.015	.147	.478	-.552
50	560	-.145	.182	.496	-1.670
50	561	.081	.178	.641	-.678
50	562	.146	.213	.859	-.583
50	563	-.236	.148	.220	-.805
50	564	-.142	.158	.305	-.736
50	565	-.123	.148	.307	-.760
50	566	-.116	.143	.286	-.705
50	567	-.128	.149	.299	-.670
50	568	-.143	.139	.383	-.605
50	569	-.163	.146	.347	-.699
50	570	-.190	.150	.371	-.750
50	571	-.150	.145	.370	-.667
50	572	-.122	.136	.320	-.701
50	573	-.105	.171	.787	-.519
50	574	-.095	.185	.519	-.902
50	575	.020	.142	.562	-.595
50	576	.159	.197	.951	-.723
50	577	-.070	.176	.674	-.664
50	578	-.129	.156	.508	-.688
50	579	.082	.173	.954	-.445
50	580	.135	.189	.887	-.522
50	581	.058	.160	.798	-.528
50	582	-.143	.155	.403	-.635
50	583	-.089	.145	.408	-.640
50	584	-.113	.141	.412	-.589
50	585	.049	.155	.557	-1.188
50	586	.126	.166	.791	-.375
50	901	-.269	.146	.198	-.817
50	902	-.198	.126	.262	-.668
50	903	-.136	.140	.375	-.622
50	904	-.249	.151	.255	-.906
50	905	-.256	.168	.253	-.965
50	906	-.200	.176	.347	-.869
50	907	-.227	.150	.351	-.879
50	908	-.296	.205	.413	-1.125
50	909	-.323	.150	.153	-.817
50	910	-.303	.163	.210	-1.122
50	911	-.266	.153	.239	-1.053
50	912	-.344	.202	.423	-1.336
50	913	-.218	.168	.341	-.957
50	914	-.187	.155	.527	-1.123
50	915	-.444	.301	.415	-2.215
50	916	-.370	.225	.370	-1.358
50	917	-.196	.197	.630	-.990
50	918	-.501	.306	.309	-2.199
50	919	-.324	.169	.185	-1.037
50	920	-.370	.311	.545	-1.971
50	921	-.113	.149	.507	-.783
50	922	.162	.251	1.220	-.888
50	923	.212	.246	1.131	-.858
50	924	.158	.233	1.053	-.816
50	925	.052	.153	.675	-.435
50	926	.233	.190	.995	-.348
50	927	.140	.170	.800	-.324
50	928	.017	.140	.598	-.445
50	929	-.055	.137	.521	-.472
50	930	-.077	.129	.405	-.521
50	931	.087	.220	1.028	-.972
50	932	.035	.220	.707	-1.163
50	933	-.091	.177	.719	-1.531
50	935	.149	.193	.841	-.539
50	936	.126	.188	.843	-.555
50	937	-.002	.143	.557	-.509
50	938	.007	.219	.854	-.922
50	939	-.027	.185	.529	-2.178
50	940	.014	.164	.540	-1.263
50	941	.116	.179	.824	-.673
50	942	.057	.171	.812	-.552
50	943	-.022	.217	.776	-1.007
50	944	-.068	.162	.450	-1.008
50	945	-.050	.159	.471	-.741
50	946	.052	.178	.809	-.510
50	947	.035	.171	.708	-.639
50	948	-.058	.162	.473	-.883
50	949	-.054	.153	.474	-.662
50	950	-.054	.148	.403	-.553
50	951	.075	.172	.846	-.649
50	952	.024	.154	.702	-.568
50	953	-.024	.152	.537	-.523
50	954	-.048	.165	.640	-.761
50	955	-.020	.165	.664	-.634
50	956	.042	.158	.610	-.715
50	957	.023	.147	.765	-.562
50	958	-.072	.169	.511	-.884
50	959	-.089	.140	.409	-.517
50	960	-.082	.215	.932	-1.217
50	961	-.150	.145	.302	-.674
50	962	-.086	.183	.588	-.757
50	963	.060	.153	.647	-.475
50	964	.076	.157	.666	-.485
50	965	.046	.164	.621	-.509
50	966	-.112	.210	.784	-1.237
50	967	-.080	.163	.590	-.661
50	968	-.108	.204	.522	-1.085
50	969	-.018	.154	.677	-.748
50	970	-.130	.185	.422	-.990
50	971	-.069	.164	.590	-1.170
50	972	-.096	.189	.604	-.908
50	973	-.042	.143	.532	-.527
50	974	-.025	.126	.402	-.437

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	975	-.265	.147	.258	-.918
50	976	-.189	.132	.281	-.773
50	977	.017	.165	.581	-.801
50	978	-.093	.250	1.235	-1.247
50	979	-.143	.173	.456	-.826
50	980	-.160	.171	.372	-.933
50	981	-.085	.158	.477	-.844
50	982	-.090	.156	.410	-.841
50	983	.038	.159	.715	-.493
50	984	.043	.160	.662	-.482
50	985	.017	.139	.507	-.457
50	986	.103	.198	.816	-.745
60	1	-.270	.261	.341	-1.800
60	2	-.213	.207	.398	-1.062
60	3	-.236	.200	1.072	-.450
60	4	-.222	.248	.443	-1.576
60	5	-.375	.222	.254	-1.828
60	6	-.366	.239	.232	-1.563
60	7	-.120	.196	.916	-.489
60	8	-.308	.176	.224	-1.227
60	9	.015	.205	.909	-.610
60	10	-.281	.174	.274	-1.192
60	11	-.209	.136	.274	-.734
60	12	-.156	.135	.326	-.760
60	13	-.319	.180	.179	-1.201
60	14	-.244	.123	.139	-.666
60	15	-.304	.191	.256	-1.279
60	16	-.250	.164	.203	-1.059
60	17	-.203	.157	.260	-.788
60	18	.224	.189	1.042	-.307
60	101	-.083	.343	1.240	-1.286
60	102	.009	.219	1.040	-.690
60	103	-.396	.330	1.003	-1.479
60	104	-.425	.237	.482	-1.515
60	105	.018	.247	1.011	-.791
60	106	-.033	.248	1.005	-.909
60	107	-.090	.201	.850	-.841
60	108	.252	.227	1.358	-.918
60	109	.023	.216	.804	-.935
60	110	-.154	.188	.573	-.915
60	111	-.265	.223	.940	-1.310
60	112	.075	.237	1.089	-.670
60	113	-.149	.152	.417	-.663
60	114	-.086	.174	.794	-.739
60	115	.087	.258	1.035	-.808
60	116	.084	.262	1.078	-.794
60	117	.066	.271	1.180	-.777
60	118	.137	.273	1.141	-.786
60	119	-.169	.224	1.133	-.966
60	120	.382	.223	1.507	-.290
60	121	.275	.206	1.181	-.356
60	122	.028	.177	.688	-.581
60	123	.036	.165	.764	-.570
60	124	.033	.166	.759	-.504
60	125	.081	.195	.897	-.494
60	126	.156	.234	1.019	-.528
60	127	.155	.237	1.138	-.635
60	128	.159	.234	1.094	-.552
60	129	-.046	.183	.862	-.819
60	130	-.157	.176	.785	-.698
60	131	.296	.214	1.214	-.358
60	132	-.131	.132	.290	-.577
60	133	.214	.202	1.098	-.553
60	134	.287	.209	1.101	-.320
60	135	.110	.166	.755	-.360
60	136	.085	.161	.713	-.384
60	137	.104	.167	.774	-.420
60	138	.145	.177	.791	-.368
60	139	.197	.218	1.062	-.480
60	140	.119	.200	.836	-.498
60	141	.129	.202	.847	-.525
60	142	-.026	.155	.518	-.553
60	143	-.010	.152	.584	-.535
60	144	.263	.217	1.149	-.435
60	145	-.045	.208	1.246	-.675
60	146	.036	.229	.843	-.786
60	147	.208	.232	1.221	-.822
60	148	-.013	.212	.693	-1.068
60	149	-.112	.133	.354	-.559
60	150	-.089	.178	.857	-.823
60	151	-.180	.144	.228	-.730
60	152	.252	.223	1.408	-.367
60	153	.039	.158	.642	-.488
60	154	-.060	.128	.411	-.495
60	155	-.070	.126	.444	-.517
60	156	-.129	.122	.313	-.584
60	157	.056	.153	.576	-.608
60	158	.099	.159	.744	-.491
60	159	.047	.163	.697	-.626
60	160	-.031	.145	.433	-.603
60	161	-.080	.161	.457	-1.070
60	162	-.024	.134	.491	-.568
60	163	.058	.159	.593	-.443
60	164	-.016	.136	.464	-.543
60	165	-.065	.118	.399	-.517
60	166	.156	.208	1.110	-.527
60	167	.015	.151	.675	-.531
60	168	-.059	.148	.493	-.692
60	169	-.030	.138	.420	-.629
60	170	-.004	.142	.536	-.950
60	171	.024	.147	.566	-.587
60	172	.057	.143	1.081	-.531
60	173	.110	.173	.856	-.401
60	174	.091	.170	.886	-.495
60	175	.043	.152	.768	-.421
60	176	-.126	.181	.611	-1.213
60	177	-.218	.157	.225	-.985
60	178	-.158	.137	.316	-.637
60	179	-.164	.143	.320	-.603
60	180	.167	.191	.878	-.489
60	181	.043	.154	.780	-.476
60	182	-.168	.177	.351	-1.425
60	183	-.064	.157	.482	-.838
60	184	-.026	.164	.564	-.883
60	185	.024	.152	.634	-.829
60	186	.078	.157	.812	-.416
60	187	.085	.160	.895	-.459
60	188	.079	.156	.760	-.506
60	189	.055	.152	.622	-.706
60	190	.129	.177	.851	-.467
60	191	.114	.169	.727	-.656
60	192	.054	.152	.549	-.480
60	193	-.119	.180	.646	-1.114
60	194	-.174	.139	.289	-.721
60	195	-.152	.136	.360	-.554
60	196	-.160	.138	.402	-.615
60	197	.172	.194	.936	-.419
60	198	.095	.152	.605	-.431
60	199	-.038	.161	.467	-.672
60	200	-.102	.167	.389	-.766
60	201	-.035	.147	.495	-.508
60	202	-.000	.148	.523	-.517
60	203	.010	.155	.601	-.609
60	204	.041	.148	.760	-.580
60	205	.076	.163	.738	-.434
60	206	.091	.163	.962	-.382
60	207	.033	.144	.667	-.391
60	208	.041	.148	.613	-.406
60	209	.032	.146	.657	-.439
60	210	.126	.172	.787	-.358
60	211	-.151	.154	.563	-.786
60	212	-.163	.127	.196	-.587
60	213	-.176	.130	.199	-.664
60	214	-.114	.184	.788	-.573
60	215	-.134	.166	.813	-.826
60	301	-.263	.197	.455	-1.125
60	302	-.238	.157	.236	-.904
60	303	-.197	.105	.129	-.512
60	304	-.304	.229	.537	-1.509
60	305	-.252	.172	.359	-1.160

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	306	-.178	.136	.392	-.664
60	307	-.283	.215	.687	-1.204
60	308	-.177	.177	.432	-1.094
60	309	-.201	.167	.336	-1.068
60	310	-.158	.147	.465	-.718
60	311	-.148	.138	.346	-.662
60	312	-.201	.175	.274	-1.162
60	313	-.228	.195	.468	-1.262
60	314	-.147	.138	.332	-.625
60	315	-.178	.144	.296	-.757
60	316	-.157	.133	.379	-.637
60	317	-.153	.130	.368	-.582
60	318	-.157	.134	.350	-.622
60	319	-.198	.152	.237	-1.100
60	320	-.168	.134	.301	-.660
60	321	-.159	.133	.287	-.751
60	322	-.157	.129	.244	-.721
60	323	-.164	.131	.225	-.646
60	324	-.161	.131	.301	-.599
60	325	-.168	.132	.292	-.744
60	326	-.058	.157	.683	-.771
60	327	-.021	.173	.870	-.965
60	328	.103	.185	.820	-.444
60	329	-.223	.153	.252	-1.177
60	330	-.173	.130	.245	-.800
60	331	-.169	.131	.298	-.741
60	332	-.167	.123	.223	-.539
60	333	-.194	.130	.210	-.613
60	334	.003	.141	.475	-.464
60	335	.010	.151	.593	-.512
60	336	.056	.149	.637	-.459
60	337	-.088	.124	.446	-.482
60	338	-.183	.129	.244	-.751
60	339	-.153	.125	.294	-.702
60	340	-.185	.134	.321	-.688
60	341	-.164	.128	.271	-.678
60	342	-.155	.128	.254	-.602
60	343	-.134	.127	.274	-.537
60	344	-.146	.128	.260	-.648
60	345	-.142	.127	.263	-.665
60	346	-.162	.128	.238	-.672
60	347	-.171	.131	.239	-.673
60	348	-.176	.129	.229	-.651
60	349	-.174	.125	.239	-.639
60	350	-.189	.129	.318	-.678
60	351	-.181	.129	.243	-.638
60	352	-.177	.124	.238	-.592
60	353	-.172	.122	.223	-.615
60	354	-.149	.120	.238	-.601
60	355	-.119	.121	.344	-.551

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	356	-.101	.145	.385	-.569
60	357	-.100	.144	.367	-.576
60	358	-.077	.147	.419	-.532
60	359	-.086	.145	.400	-.545
60	360	-.088	.142	.625	-.522
60	361	-.089	.136	.529	-.518
60	362	-.129	.126	.285	-.563
60	363	-.090	.134	.420	-.581
60	364	-.117	.133	.344	-.539
60	365	-.072	.147	.658	-.555
60	366	-.107	.164	.566	-.687
60	367	-.129	.188	.629	-1.243
60	368	-.008	.142	.481	-.468
60	369	.022	.149	.555	-.448
60	370	.005	.143	.482	-.470
60	371	-.004	.143	.622	-.475
60	372	-.021	.144	.513	-.500
60	373	.065	.168	.927	-.421
60	374	.069	.158	.750	-.459
60	375	.043	.148	.716	-.495
60	376	-.079	.131	.339	-.508
60	377	-.098	.132	.378	-.540
60	401	-.220	.135	.216	-.765
60	402	-.237	.113	.161	-.593
60	403	-.181	.139	.283	-.731
60	404	-.222	.136	.197	-.757
60	405	-.203	.139	.189	-.772
60	406	-.249	.142	.203	-.903
60	407	-.383	.185	.128	-.998
60	408	-.502	.217	.088	-1.396
60	409	-.143	.137	.382	-.640
60	410	-.142	.138	.340	-.582
60	411	-.107	.134	.346	-.553
60	412	-.165	.135	.235	-.650
60	413	-.181	.136	.226	-.695
60	414	-.180	.136	.259	-.664
60	415	-.217	.134	.225	-.732
60	416	-.235	.142	.246	-.757
60	417	-.254	.147	.294	-.783
60	418	-.259	.147	.167	-.835
60	419	-.275	.151	.152	-1.589
60	420	-.273	.155	.214	-1.162
60	421	-.267	.153	.202	-1.144
60	422	-.276	.162	.150	-1.038
60	423	-.241	.166	.224	-1.020
60	424	-.270	.137	.209	-.760
60	425	-.271	.131	.189	-.817
60	426	-.280	.163	.258	-1.233
60	427	-.149	.121	.237	-.688
60	428	-.133	.132	.299	-.547

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	429	-.168	.131	.267	-.602
60	430	-.168	.132	.296	-.611
60	431	-.195	.134	.287	-.623
60	432	-.354	.158	.080	-.987
60	433	-.203	.136	.275	-.668
60	434	-.209	.135	.272	-.667
60	435	-.244	.138	.183	-.794
60	436	-.292	.151	.182	-.956
60	437	-.288	.143	.174	-1.020
60	438	-.277	.140	.151	-.812
60	439	-.288	.157	.159	-.979
60	440	-.294	.169	.405	-.995
60	441	-.296	.163	.353	-.864
60	442	-.255	.150	.192	-1.065
60	443	-.227	.144	.250	-.654
60	444	-.160	.126	.246	-.608
60	445	-.233	.137	.257	-.741
60	446	-.162	.125	.242	-.644
60	447	-.151	.124	.238	-.672
60	448	-.178	.130	.326	-.702
60	449	-.171	.129	.302	-.707
60	450	-.182	.135	.225	-.790
60	451	-.395	.215	.199	-1.649
60	452	-.040	.154	.537	-.660
60	453	-.041	.148	.512	-.710
60	454	-.095	.142	.375	-.607
60	455	-.230	.173	.321	-.943
60	456	-.292	.176	.254	-.893
60	457	-.210	.153	.385	-.739
60	458	-.056	.162	.518	-.670
60	459	-.061	.163	.729	-.617
60	460	-.146	.170	.502	-.819
60	461	-.223	.136	.240	-.732
60	462	-.184	.139	.306	-.898
60	463	-.062	.146	.523	-.729
60	464	-.097	.148	.383	-.604
60	465	-.086	.168	.824	-.956
60	466	-.138	.124	.343	-.565
60	467	-.052	.164	.583	-.566
60	468	-.085	.136	.515	-.591
60	469	-.079	.131	.465	-.556
60	470	-.146	.134	.270	-.636
60	471	-.135	.121	.271	-.522
60	472	-.091	.145	.412	-.562
60	473	-.105	.138	.394	-.560
60	474	-.101	.138	.409	-.576
60	475	.007	.162	.732	-.462
60	476	-.179	.133	.225	-.694
60	477	-.074	.143	.522	-.654
60	478	-.022	.158	.572	-.517

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	479	-.067	.162	.565	-.657
60	480	-.144	.121	.281	-.539
60	481	-.041	.179	1.198	-.543
60	482	-.102	.120	.349	-.497
60	483	-.110	.119	.284	-.495
60	484	-.127	.122	.235	-.539
60	485	-.131	.122	.231	-.563
60	486	-.144	.125	.232	-.592
60	487	-.174	.130	.233	-.652
60	488	-.240	.188	.599	-1.011
60	489	-.086	.168	.827	-.628
60	490	-.058	.134	.397	-.581
60	491	-.047	.138	.445	-.545
60	492	.069	.195	1.036	-.390
60	493	.033	.186	1.223	-.487
60	494	-.046	.178	1.254	-.655
60	495	-.154	.147	.495	-.685
60	496	-.123	.140	.414	-.809
60	501	-.247	.156	.405	-.891
60	502	-.291	.201	.591	-1.135
60	503	-.162	.266	1.626	-1.257
60	504	-.250	.158	.330	-.775
60	505	-.300	.170	.224	-1.096
60	506	-.242	.232	.838	-.999
60	507	-.272	.200	.663	-1.199
60	508	-.410	.310	1.134	-1.546
60	509	-.246	.212	.785	-1.141
60	510	-.232	.159	.266	-.901
60	511	-.305	.170	.212	-1.140
60	512	-.217	.142	.394	-.774
60	513	-.388	.245	.344	-1.437
60	514	.104	.204	1.142	-.635
60	515	-.234	.139	.267	-.794
60	516	-.217	.147	.230	-.708
60	517	-.156	.141	.310	-.647
60	518	-.079	.140	.420	-.615
60	519	-.320	.267	.495	-1.552
60	520	.067	.209	.884	-1.103
60	521	-.225	.134	.334	-.776
60	522	-.217	.133	.332	-.729
60	523	-.155	.126	.375	-.647
60	524	-.333	.256	.654	-1.333
60	525	-.000	.221	.775	-1.329
60	526	-.102	.233	.711	-1.684
60	527	-.188	.142	.202	-.960
60	528	-.190	.141	.296	-1.061
60	529	-.122	.126	.334	-.651
60	530	-.105	.132	.417	-.677
60	531	-.362	.219	.334	-1.297
60	532	.281	.204	1.097	-.398

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	533	.261	.243	1.301	-.532
60	534	.183	.211	.915	-.523
60	535	.162	.194	1.113	-.413
60	536	-.220	.198	.513	-.901
60	537	-.078	.194	.639	-.814
60	538	.242	.213	1.096	-.498
60	539	.070	.178	.844	-.754
60	540	-.016	.161	.536	-.701
60	541	-.066	.158	.465	-.642
60	542	.015	.150	.564	-.516
60	543	.141	.174	1.062	-.408
60	544	.162	.209	1.195	-.429
60	545	.129	.205	1.108	-.516
60	546	-.139	.158	.490	-.795
60	547	-.124	.136	.339	-.694
60	548	-.102	.127	.320	-.490
60	549	-.078	.121	.334	-.454
60	550	-.109	.157	.496	-.802
60	551	-.050	.143	.527	-.572
60	552	-.138	.143	.420	-.626
60	553	-.057	.150	.524	-.554
60	554	.057	.152	.551	-.416
60	555	-.062	.166	.498	-1.006
60	556	.114	.178	.790	-.365
60	557	.174	.219	.987	-.455
60	558	.033	.173	.704	-.937
60	559	.015	.141	.512	-.514
60	560	-.072	.181	.565	-.783
60	561	.114	.161	.835	-.433
60	562	.191	.198	.884	-.411
60	563	-.136	.146	.362	-.615
60	564	-.129	.156	.458	-.634
60	565	-.086	.135	.512	-.541
60	566	-.077	.136	.463	-.534
60	567	-.105	.144	.445	-.568
60	568	-.086	.132	.345	-.514
60	569	-.113	.138	.341	-.633
60	570	-.122	.140	.317	-.653
60	571	-.088	.135	.330	-.531
60	572	-.076	.126	.372	-.570
60	573	.094	.149	.884	-.378
60	574	-.067	.168	.479	-.805
60	575	.052	.129	.475	-.330
60	576	.215	.205	1.240	-.360
60	577	.050	.202	.936	-.658
60	578	-.056	.159	.514	-.672
60	579	.109	.192	.942	-.763
60	580	.121	.202	.832	-.443
60	581	.073	.161	.748	-.502
60	582	-.053	.175	.663	-.604

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	583	-.023	.155	.578	-.488
60	584	-.070	.146	.436	-.589
60	585	.081	.158	.733	-.615
60	586	.109	.158	.801	-.405
60	901	-.274	.151	.190	-.840
60	902	-.253	.152	.217	-.867
60	903	-.129	.139	.394	-.802
60	904	-.326	.159	.153	-1.022
60	905	-.248	.158	.300	-.947
60	906	-.227	.163	.354	-1.266
60	907	-.227	.139	.409	-.838
60	908	-.241	.182	.434	-1.110
60	909	-.397	.180	.166	-1.128
60	910	-.307	.169	.298	-.945
60	911	-.292	.160	.227	-.917
60	912	-.352	.188	.163	-1.235
60	913	-.252	.170	.431	-1.025
60	914	-.171	.166	.458	-.898
60	915	-.551	.289	.541	-1.703
60	916	-.396	.220	.201	-1.533
60	917	-.267	.200	.516	-1.137
60	918	-.672	.288	.736	-1.909
60	919	-.462	.194	.122	-1.288
60	920	-.299	.254	.513	-1.561
60	921	-.048	.144	.690	-.596
60	922	.275	.207	1.175	-.339
60	923	.324	.213	1.347	-.249
60	924	.303	.210	1.264	-.585
60	925	.119	.145	.864	-.588
60	926	.209	.186	1.076	-.355
60	927	.155	.204	1.192	-.541
60	928	.079	.156	.728	-.447
60	929	.003	.155	.553	-.543
60	930	.006	.129	.520	-.427
60	931	.177	.198	1.153	-.535
60	932	.166	.198	.945	-.741
60	933	.066	.149	.573	-.578
60	935	.092	.171	.799	-.532
60	936	.091	.189	.952	-.557
60	937	.068	.140	.549	-.447
60	938	.188	.184	1.032	-.773
60	939	.029	.153	.589	-1.167
60	940	.055	.160	.549	-.903
60	941	.105	.172	.650	-.588
60	942	.098	.170	.699	-.525
60	943	.132	.237	.928	-.999
60	944	.032	.153	.527	-.629
60	945	.032	.157	.539	-.755
60	946	.114	.175	.801	-.623
60	947	.025	.168	.664	-.457

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	948	.033	.154	.601	-.645
60	949	.027	.141	.547	-.486
60	950	.093	.146	.616	-.396
60	951	.083	.165	.772	-.454
60	952	.052	.152	.640	-.436
60	953	.063	.138	.572	-.391
60	954	.060	.142	.597	-.561
60	955	.032	.153	.589	-.505
60	956	.076	.157	.625	-.660
60	957	.038	.153	.532	-.663
60	958	-.037	.145	.432	-.689
60	959	-.060	.135	.417	-.602
60	960	.026	.207	.863	-.899
60	961	-.104	.136	.349	-.653
60	962	-.018	.185	.585	-1.249
60	963	.073	.164	.793	-.429
60	964	.089	.169	.858	-.623
60	965	.032	.180	.763	-.669
60	966	-.055	.179	.696	-.899
60	967	-.045	.149	.486	-.697
60	968	-.007	.167	.480	-1.198
60	969	-.019	.155	.503	-.597
60	970	-.142	.194	.388	-1.520
60	971	-.056	.159	.634	-.654
60	972	-.012	.174	.552	-1.045
60	973	-.026	.148	.526	-.539
60	974	.014	.146	.523	-.648
60	975	-.264	.162	.185	-.930
60	976	-.179	.144	.307	-.684
60	977	.074	.169	.857	-.477
60	978	.084	.209	.846	-1.211
60	979	-.089	.189	.685	-.944
60	980	-.143	.173	.455	-1.011
60	981	-.051	.157	.514	-.743
60	982	-.035	.163	.536	-.726
60	983	.064	.160	.727	-.389
60	984	.053	.152	.695	-.489
60	985	.032	.142	.742	-.487
60	986	.084	.210	1.063	-.987
70	1	-.225	.198	.367	-1.304
70	2	-.180	.164	.330	-1.125
70	3	.221	.200	1.067	-.367
70	4	-.166	.216	.482	-1.155
70	5	-.460	.235	.160	-2.060
70	6	-.489	.253	.161	-1.554
70	7	.220	.189	.950	-.372
70	8	-.362	.176	.113	-1.034
70	9	.024	.211	.825	-.847
70	10	-.313	.187	.255	-1.327
70	11	-.229	.150	.227	-.940
70	12	-.160	.156	.357	-.927
70	13	-.322	.208	.192	-1.349
70	14	-.232	.134	.206	-.855
70	15	-.246	.181	.362	-1.270
70	16	-.193	.148	.308	-.848
70	17	-.143	.132	.258	-.647
70	18	.222	.165	.934	-.324
70	101	-.240	.255	1.174	-1.251
70	102	-.058	.231	1.107	-.966
70	103	-.388	.333	1.435	-1.364
70	104	-.400	.243	.560	-1.569
70	105	-.037	.209	.795	-1.010
70	106	-.104	.232	1.040	-.882
70	107	-.085	.189	.621	-1.068
70	108	.235	.214	1.317	-.611
70	109	.096	.181	.872	-.525
70	110	-.049	.167	.752	-.548
70	111	-.145	.196	.829	-.781
70	112	.142	.221	1.066	-.634
70	113	-.116	.148	.596	-.612
70	114	-.111	.154	.481	-.794
70	115	-.016	.198	.779	-1.308
70	116	-.011	.232	.972	-.646
70	117	-.032	.245	1.060	-.725
70	118	.086	.248	1.325	-.615
70	119	-.138	.208	.955	-1.047
70	120	.346	.207	1.153	-.242
70	121	.290	.206	.991	-.304
70	122	.115	.173	.680	-.381
70	123	.116	.174	.890	-.428
70	124	.047	.150	.612	-.522
70	125	.057	.167	.849	-.553
70	126	.101	.203	1.045	-.562
70	127	.105	.232	1.155	-.707
70	128	.112	.231	1.120	-.498
70	129	-.007	.182	.746	-.621
70	130	-.122	.173	.819	-.938
70	131	-.301	.202	1.006	-.316
70	132	-.086	.144	.523	-.561
70	133	.232	.188	.921	-.402
70	134	.318	.203	1.219	-.299
70	135	.171	.162	.789	-.442
70	136	.151	.156	.741	-.467
70	137	.097	.144	.671	-.443
70	138	.110	.156	.875	-.423
70	139	.122	.171	.781	-.453
70	140	.081	.182	.689	-.449
70	141	.093	.189	.724	-.479
70	142	-.010	.154	.512	-.475
70	143	-.009	.144	.533	-.555
70	144	.262	.202	1.310	-.373
70	145	.013	.175	.851	-.566
70	146	.055	.189	.786	-.575
70	147	.231	.205	1.050	-.433
70	148	.000	.190	.741	-.789
70	149	-.100	.136	.461	-.597
70	150	-.026	.176	.745	-.686
70	151	-.185	.136	.365	-.703
70	152	.255	.196	1.046	-.307
70	153	.047	.150	.576	-.449
70	154	-.045	.138	.454	-.558
70	155	-.052	.137	.436	-.644
70	156	-.128	.127	.314	-.581
70	157	.066	.143	.555	-.684
70	158	.096	.149	.676	-.368
70	159	.035	.170	.713	-.544
70	160	-.002	.143	.505	-.466
70	161	.015	.158	.819	-.651
70	162	.006	.151	.655	-.510
70	163	.023	.170	.839	-.592
70	164	-.008	.156	.710	-.537
70	165	-.052	.132	.413	-.470
70	166	.157	.196	.906	-.520
70	167	.067	.160	.774	-.437
70	168	-.006	.145	.478	-.714
70	169	.002	.138	.601	-.549
70	170	.028	.146	.582	-.571
70	171	.048	.154	.580	-.625
70	172	.095	.156	.825	-.500
70	173	.140	.196	1.053	-.438
70	174	.123	.179	.962	-.522
70	175	.060	.158	.726	-.425
70	176	-.028	.202	.647	-.974
70	177	-.264	.170	.246	-.913
70	178	-.178	.143	.320	-.695
70	179	-.188	.148	.302	-.744
70	180	.175	.172	.904	-.409
70	181	.110	.154	.712	-.410
70	182	-.123	.164	.470	-1.136
70	183	-.026	.145	.577	-.778
70	184	.015	.161	.694	-1.058
70	185	.021	.160	.644	-.665
70	186	.071	.162	.683	-.464
70	187	.097	.168	.696	-.468
70	188	.116	.164	.675	-.435
70	189	.086	.152	.689	-.399
70	190	.156	.175	.830	-.774
70	191	.135	.169	.789	-.517
70	192	.062	.152	.598	-.423
70	193	-.034	.187	.738	-.597

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	194	-.202	.138	.295	-.804
70	195	-.174	.129	.259	-.636
70	196	-.177	.133	.285	-.695
70	197	.192	.191	.835	-.425
70	198	.148	.154	.681	-.453
70	199	.012	.153	.471	-.562
70	200	-.058	.149	.438	-.589
70	201	-.010	.142	.552	-.430
70	202	.018	.146	.572	-.444
70	203	.029	.156	.688	-.561
70	204	.080	.153	.625	-.473
70	205	.106	.169	.821	-.405
70	206	.117	.160	.776	-.367
70	207	.022	.141	.590	-.415
70	208	.065	.146	.625	-.390
70	209	.061	.139	.599	-.345
70	210	.088	.156	.749	-.354
70	211	-.111	.164	.533	-.673
70	212	-.170	.126	.256	-.637
70	213	-.188	.130	.247	-.694
70	214	-.147	.167	.841	-.420
70	215	-.109	.162	.575	-.764
70	301	-.263	.182	.478	-1.037
70	302	-.253	.151	.222	-.941
70	303	-.218	.105	.135	-.610
70	304	-.287	.206	.500	-1.444
70	305	-.229	.165	.393	-1.118
70	306	-.200	.144	.327	-.785
70	307	-.265	.210	.566	-1.403
70	308	-.167	.188	.487	-.969
70	309	-.170	.169	.369	-.824
70	310	-.136	.158	.377	-.639
70	311	-.127	.152	.403	-.581
70	312	-.178	.162	.275	-.836
70	313	-.203	.183	.687	-.981
70	314	-.135	.143	.308	-.657
70	315	-.151	.139	.338	-.696
70	316	-.134	.139	.291	-.758
70	317	-.134	.138	.303	-.808
70	318	-.135	.141	.288	-.866
70	319	-.167	.150	.341	-1.079
70	320	-.156	.141	.373	-.713
70	321	-.143	.138	.387	-.694
70	322	-.131	.137	.377	-.640
70	323	-.141	.140	.391	-.734
70	324	-.157	.139	.250	-.608
70	325	-.189	.149	.259	-.912
70	326	.002	.156	.538	-.521
70	327	.024	.167	.778	-.497
70	328	.043	.168	.568	-.527

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	329	-.243	.175	.252	-1.051
70	330	-.163	.134	.264	-.600
70	331	-.153	.132	.249	-.606
70	332	-.165	.128	.259	-.616
70	333	-.194	.137	.289	-.672
70	334	.005	.159	.582	-.623
70	335	.027	.153	.535	-.522
70	336	.045	.156	.701	-.413
70	337	-.068	.128	.379	-.502
70	338	-.175	.135	.272	-.849
70	339	-.134	.129	.308	-.595
70	340	-.197	.132	.267	-.669
70	341	-.175	.129	.266	-.594
70	342	-.157	.128	.308	-.549
70	343	-.117	.123	.317	-.495
70	344	-.121	.128	.348	-.633
70	345	-.115	.126	.346	-.600
70	346	-.138	.128	.291	-.611
70	347	-.145	.128	.267	-.639
70	348	-.156	.126	.278	-.563
70	349	-.152	.124	.290	-.571
70	350	-.176	.129	.311	-.628
70	351	-.169	.130	.290	-.600
70	352	-.167	.133	.372	-.630
70	353	-.164	.131	.382	-.600
70	354	-.140	.133	.385	-.592
70	355	-.086	.131	.409	-.540
70	356	-.072	.129	.336	-.513
70	357	-.064	.124	.343	-.500
70	358	-.054	.130	.388	-.540
70	359	-.058	.129	.410	-.533
70	360	-.056	.135	.506	-.499
70	361	-.043	.133	.513	-.490
70	362	-.097	.121	.298	-.532
70	363	-.053	.130	.500	-.513
70	364	-.084	.136	.417	-.554
70	365	-.005	.149	.538	-.466
70	366	-.010	.156	.515	-.608
70	367	.006	.176	.587	-.685
70	368	-.011	.143	.503	-.477
70	369	.001	.142	.510	-.448
70	370	-.014	.142	.509	-.487
70	371	-.039	.147	.456	-.704
70	372	.004	.153	.476	-.476
70	373	.073	.150	.662	-.398
70	374	.076	.152	.650	-.436
70	375	.053	.146	.601	-.423
70	376	-.054	.145	.528	-.561
70	377	-.067	.146	.572	-.503
70	401	-.238	.146	.240	-.778

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	402	-.273	.130	.158	-.748
70	403	-.208	.137	.238	-.677
70	404	-.267	.137	.203	-.905
70	405	-.214	.143	.377	-.704
70	406	-.304	.147	.172	-.907
70	407	-.448	.190	.105	-1.150
70	408	-.566	.216	-.021	-1.803
70	409	-.131	.141	.401	-.631
70	410	-.152	.142	.343	-.658
70	411	-.076	.133	.401	-.590
70	412	-.189	.136	.262	-.735
70	413	-.202	.132	.250	-.574
70	414	-.207	.134	.254	-.846
70	415	-.253	.140	.222	-.706
70	416	-.261	.159	.298	-.783
70	417	-.258	.157	.348	-.784
70	418	-.272	.161	.338	-.814
70	419	-.299	.154	.252	-.834
70	420	-.322	.143	.159	-.834
70	421	-.323	.140	.148	-.808
70	422	-.341	.154	.214	-1.034
70	423	-.246	.160	.330	-.894
70	424	-.247	.147	.270	-.900
70	425	-.255	.143	.215	-.849
70	426	-.277	.180	.265	-1.148
70	427	-.123	.133	.320	-.631
70	428	-.150	.139	.257	-.682
70	429	-.210	.145	.286	-.746
70	430	-.211	.146	.265	-.754
70	431	-.256	.150	.221	-.809
70	432	-.466	.186	.215	-1.231
70	433	-.243	.154	.436	-.749
70	434	-.254	.152	.298	-.800
70	435	-.302	.157	.262	-.816
70	436	-.396	.185	.159	-1.195
70	437	-.370	.170	.163	-.993
70	438	-.364	.168	.146	-1.123
70	439	-.396	.192	.227	-1.153
70	440	-.308	.158	.268	-.864
70	441	-.304	.151	.196	-.834
70	442	-.241	.133	.138	-.675
70	443	-.201	.130	.199	-.658
70	444	-.139	.129	.298	-.607
70	445	-.209	.136	.277	-1.200
70	446	-.144	.126	.285	-.585
70	447	-.138	.126	.284	-.578
70	448	-.161	.139	.280	-.706
70	449	-.147	.137	.391	-.555
70	450	-.158	.143	.306	-.691
70	451	-.146	.261	.199	-1.684

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	452	.013	.178	.565	-.607
70	453	.012	.168	.538	-.566
70	454	-.055	.156	.485	-.680
70	455	-.262	.194	.708	-1.423
70	456	-.298	.172	.148	-1.155
70	457	-.203	.142	.237	-.794
70	458	-.031	.166	.521	-.899
70	459	-.043	.172	.587	-.752
70	460	-.110	.173	.474	-.959
70	461	-.209	.140	.300	-.711
70	462	-.167	.137	.322	-.748
70	463	-.031	.156	.620	-.525
70	464	-.060	.152	.495	-.531
70	465	-.050	.173	.866	-1.024
70	466	-.130	.131	.308	-.591
70	467	-.023	.177	.726	-.503
70	468	-.067	.169	.509	-.661
70	469	-.055	.159	.566	-.644
70	470	-.130	.142	.423	-.653
70	471	-.107	.138	.404	-.741
70	472	-.043	.167	.584	-.552
70	473	-.056	.155	.462	-.574
70	474	-.057	.157	.450	-.589
70	475	-.061	.181	.944	-.468
70	476	-.193	.135	.189	-.710
70	477	-.011	.166	.566	-.478
70	478	-.031	.174	.891	-.555
70	479	-.028	.172	.809	-.563
70	480	-.131	.131	.321	-.635
70	481	-.043	.180	.889	-.588
70	482	-.087	.132	.361	-.600
70	483	-.096	.129	.387	-.618
70	484	-.085	.131	.394	-.553
70	485	-.092	.133	.384	-.546
70	486	-.098	.137	.380	-.692
70	487	-.122	.142	.367	-.661
70	488	-.197	.170	.686	-1.131
70	489	-.087	.156	.765	-.534
70	490	-.043	.138	.418	-.563
70	491	-.034	.139	.459	-.564
70	492	.065	.174	.781	-.440
70	493	.038	.171	.707	-.522
70	494	-.045	.170	.557	-.633
70	495	-.137	.146	.491	-.669
70	496	-.108	.151	.381	-.629
70	501	-.239	.160	.351	-.976
70	502	-.238	.220	1.076	-1.188
70	503	-.058	.276	1.026	-1.026
70	504	-.228	.167	.349	-.980
70	505	-.262	.169	.258	-1.312

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	506	-.166	.246	.690	-1.015
70	507	-.219	.240	1.008	-1.011
70	508	-.414	.269	.904	-1.525
70	509	-.258	.219	.547	-1.628
70	510	-.226	.154	.315	-.789
70	511	-.288	.151	.252	-.886
70	512	-.159	.139	.349	-.621
70	513	-.291	.248	.417	-1.535
70	514	.105	.191	1.014	-.715
70	515	-.198	.138	.260	-.693
70	516	-.205	.148	.272	-.814
70	517	-.165	.141	.388	-.726
70	518	-.027	.151	.565	-.538
70	519	-.198	.296	.757	-1.261
70	520	.086	.220	.797	-.817
70	521	-.213	.145	.261	-.908
70	522	-.195	.143	.252	-.761
70	523	-.114	.132	.326	-.559
70	524	-.232	.268	.599	-1.348
70	525	.047	.250	.919	-1.054
70	526	-.054	.253	.837	-1.286
70	527	-.169	.142	.327	-.913
70	528	-.159	.140	.324	-.932
70	529	-.089	.127	.346	-.501
70	530	-.042	.143	.471	-.507
70	531	-.242	.229	.532	-1.026
70	532	.245	.176	.940	-.273
70	533	.264	.208	.987	-.501
70	534	.178	.176	.936	-.391
70	535	.163	.169	.904	-.290
70	536	-.107	.202	.773	-.823
70	537	-.004	.187	.699	-.826
70	538	.261	.186	1.195	-.280
70	539	.128	.157	.879	-.281
70	540	.041	.150	.558	-.418
70	541	-.010	.152	.550	-.660
70	542	.084	.141	.574	-.496
70	543	.201	.162	.787	-.386
70	544	.221	.184	1.008	-.381
70	545	.161	.188	.891	-.573
70	546	-.128	.142	.472	-.605
70	547	-.119	.143	.366	-.812
70	548	-.082	.132	.349	-.601
70	549	-.035	.127	.370	-.550
70	550	-.101	.142	.443	-.532
70	551	-.011	.147	.574	-.549
70	552	-.083	.141	.494	-.612
70	553	.005	.151	.655	-.484
70	554	.093	.138	.613	-.335
70	555	.009	.153	.615	-.524

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	556	.144	.156	.845	-.370
70	557	.187	.181	1.164	-.389
70	558	.083	.163	.719	-.604
70	559	.063	.148	.626	-.449
70	560	-.046	.170	.588	-.589
70	561	.129	.159	.758	-.287
70	562	.122	.166	.883	-.290
70	563	-.124	.136	.331	-.604
70	564	-.120	.156	.376	-.802
70	565	-.026	.132	.441	-.517
70	566	-.023	.131	.403	-.548
70	567	-.076	.136	.376	-.563
70	568	-.026	.126	.437	-.553
70	569	-.054	.129	.475	-.601
70	570	-.049	.130	.450	-.597
70	571	-.027	.129	.476	-.512
70	572	-.029	.120	.373	-.458
70	573	.103	.128	.593	-.328
70	574	-.003	.149	.506	-.540
70	575	.079	.119	.479	-.342
70	576	.160	.170	.840	-.358
70	577	.102	.184	.902	-.441
70	578	-.017	.147	.599	-.501
70	579	.041	.177	.853	-.461
70	580	.059	.164	.771	-.467
70	581	.081	.156	.625	-.440
70	582	.048	.157	.704	-.420
70	583	.027	.142	.485	-.456
70	584	-.055	.157	.495	-.499
70	585	.079	.137	.693	-.357
70	586	.092	.147	.620	-.419
70	901	-.266	.139	.161	-.749
70	902	-.304	.145	.270	-.829
70	903	-.142	.146	.475	-.703
70	904	-.371	.147	.110	-.965
70	905	-.279	.179	.424	-.951
70	906	-.267	.161	.376	-1.377
70	907	-.249	.138	.211	-.839
70	908	-.190	.173	.350	-.953
70	909	-.442	.168	.157	-1.189
70	910	-.350	.182	.364	-1.132
70	911	-.303	.174	.523	-1.058
70	912	-.370	.181	.153	-1.287
70	913	-.246	.166	.255	-1.296
70	914	-.221	.188	.449	-1.316
70	915	-.523	.249	.447	-1.382
70	916	-.324	.189	.202	-1.322
70	917	-.192	.190	.628	-1.200
70	918	-.695	.255	.078	-1.762
70	919	-.546	.195	.342	-1.412

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	920	-.233	.215	.699	-1.331
70	921	-.002	.145	.682	-.437
70	922	.244	.181	.980	-.345
70	923	.326	.198	1.347	-.297
70	924	.325	.207	1.356	-.380
70	925	.158	.148	.664	-.361
70	926	.121	.165	.762	-.345
70	927	.081	.183	.784	-.438
70	928	.070	.161	.646	-.486
70	929	.007	.159	.703	-.520
70	930	-.005	.136	.502	-.414
70	931	.235	.187	1.156	-.259
70	932	.253	.189	.966	-.307
70	933	.122	.148	.657	-.330
70	935	.079	.156	.649	-.415
70	936	.060	.162	.691	-.488
70	937	.011	.138	.518	-.439
70	938	.193	.186	.765	-.405
70	939	.093	.141	.642	-.399
70	940	.083	.136	.739	-.329
70	941	.091	.151	.704	-.430
70	942	.047	.153	.635	-.592
70	943	.168	.205	.795	-.508
70	944	.111	.141	.563	-.350
70	945	.075	.141	.591	-.422
70	946	.096	.151	.726	-.446
70	947	.030	.160	.729	-.457
70	948	.114	.145	.729	-.354
70	949	.102	.138	.631	-.301
70	950	.089	.142	.525	-.416
70	951	.074	.151	.672	-.465
70	952	.072	.150	.752	-.410
70	953	.114	.146	.640	-.374
70	954	.081	.136	.530	-.319
70	955	.064	.137	.762	-.404
70	956	.105	.144	.608	-.403
70	957	.068	.154	.659	-.459
70	958	-.009	.149	.517	-.462
70	959	-.022	.146	.512	-.715
70	960	-.087	.192	1.053	-.563
70	961	-.061	.147	.471	-.627
70	962	.034	.159	.533	-.527
70	963	.085	.162	.627	-.359
70	964	.104	.168	.717	-.382
70	965	.036	.183	1.151	-.688
70	966	.002	.178	.862	-.565
70	967	-.010	.146	.568	-.563
70	968	-.053	.158	.605	-.734
70	969	-.013	.161	.572	-.624
70	970	-.023	.142	.530	-.478

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	971	-.009	.134	.554	-.434
70	972	.056	.141	.608	-.457
70	973	-.006	.144	.672	-.604
70	974	.015	.155	.572	-.488
70	975	-.240	.175	.321	-1.142
70	976	-.145	.148	.366	-.679
70	977	.096	.163	.819	-.388
70	978	.092	.190	1.072	-.581
70	979	.001	.161	.602	-.642
70	980	-.076	.148	.469	-.667
70	981	-.005	.138	.457	-.499
70	982	.031	.146	.557	-.450
70	983	.076	.170	.782	-.550
70	984	.051	.155	.708	-.528
70	985	.038	.145	.533	-.446
70	986	.024	.184	1.310	-.490
80	1	-.134	.171	.364	-1.328
80	2	-.093	.142	.353	-1.100
80	3	.229	.155	.881	-.268
80	4	-.052	.175	.498	-1.153
80	5	-.417	.230	.167	-2.166
80	6	-.462	.241	.184	-1.839
80	7	.204	.172	1.000	-.416
80	8	-.331	.167	.170	-1.050
80	9	-.030	.178	.666	-.628
80	10	-.387	.205	.160	-1.318
80	11	-.282	.161	.175	-1.108
80	12	-.109	.145	.510	-.710
80	13	-.310	.214	.267	-1.311
80	14	-.226	.143	.158	-.841
80	15	-.129	.171	.464	-.878
80	16	-.103	.150	.401	-.810
80	17	-.064	.124	.379	-.488
80	18	.216	.150	.949	-.290
80	101	-.249	.240	.731	-1.655
80	102	-.136	.217	.712	-.909
80	103	-.385	.258	.988	-1.176
80	104	-.325	.224	.649	-1.193
80	105	-.073	.198	.794	-1.678
80	106	-.196	.182	.620	-.824
80	107	-.094	.169	.790	-.717
80	108	.220	.195	.960	-.465
80	109	.084	.182	.745	-.425
80	110	-.017	.159	.631	-.485
80	111	-.089	.176	.785	-.675
80	112	.148	.213	1.017	-.469
80	113	-.056	.154	.474	-.581
80	114	-.093	.157	.554	-.730
80	115	-.008	.160	.704	-.650
80	116	-.106	.172	.697	-.639

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	117	-.141	.186	.678	-.731
80	118	.050	.224	1.438	-.580
80	119	-.141	.171	.629	-.720
80	120	.371	.219	1.285	-.550
80	121	.307	.207	1.219	-.227
80	122	.159	.176	.961	-.353
80	123	.153	.178	.957	-.352
80	124	.088	.154	.651	-.352
80	125	.054	.158	.807	-.409
80	126	.044	.174	.704	-.528
80	127	.018	.189	1.033	-.572
80	128	.019	.193	1.132	-.486
80	129	-.027	.170	.684	-.615
80	130	-.117	.149	.473	-.660
80	131	.312	.194	1.004	-.369
80	132	-.091	.143	.505	-.618
80	133	.273	.185	.961	-.333
80	134	.309	.180	.964	-.345
80	135	.182	.156	.713	-.305
80	136	.164	.152	.688	-.344
80	137	.110	.139	.611	-.335
80	138	.085	.145	.524	-.350
80	139	.082	.158	.693	-.450
80	140	.017	.162	.792	-.458
80	141	.032	.170	.819	-.474
80	142	-.039	.160	.880	-.569
80	143	-.038	.129	.538	-.469
80	144	.294	.191	1.074	-.260
80	145	.040	.153	.605	-.456
80	146	.035	.160	.672	-.480
80	147	.262	.188	.929	-.268
80	148	-.018	.154	.621	-.728
80	149	-.092	.126	.326	-.551
80	150	.046	.168	.782	-.485
80	151	-.156	.142	.298	-.712
80	152	.254	.197	.919	-.391
80	153	.022	.138	.556	-.431
80	154	-.052	.133	.413	-.561
80	155	-.063	.127	.408	-.578
80	156	-.109	.119	.285	-.528
80	157	.069	.131	.590	-.358
80	158	.085	.133	.652	-.364
80	159	.032	.154	.641	-.526
80	160	.065	.134	.441	-.485
80	161	.029	.130	.533	-.367
80	162	-.028	.126	.420	-.490
80	163	-.041	.129	.452	-.532
80	164	-.029	.130	.401	-.596
80	165	-.051	.121	.361	-.552
80	166	.189	.178	.881	-.325

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	167	.108	.150	.769	-.410
80	168	.027	.129	.579	-.522
80	169	.028	.129	.437	-.511
80	170	.043	.128	.464	-.453
80	171	.046	.133	.528	-.610
80	172	.095	.147	.592	-.508
80	173	.118	.184	.906	-.475
80	174	.116	.170	.935	-.440
80	175	.050	.151	.655	-.475
80	176	.015	.188	.784	-.934
80	177	-.261	.161	.221	-.891
80	178	-.174	.138	.306	-.663
80	179	-.188	.143	.293	-.697
80	180	.175	.167	.887	-.405
80	181	.134	.143	.712	-.331
80	182	-.063	.136	.417	-.676
80	183	.009	.128	.516	-.445
80	184	.032	.134	.501	-.439
80	185	.042	.128	.559	-.364
80	186	.081	.133	.641	-.313
80	187	.114	.144	.712	-.359
80	188	.156	.145	.774	-.342
80	189	.094	.137	.675	-.376
80	190	.166	.163	.988	-.492
80	191	.146	.159	.820	-.435
80	192	.055	.142	.650	-.467
80	193	.026	.209	.947	-.756
80	194	-.213	.143	.268	-.764
80	195	-.190	.132	.307	-.657
80	196	-.199	.136	.335	-.646
80	197	.188	.163	1.020	-.281
80	198	.165	.144	.653	-.268
80	199	.057	.131	.545	-.402
80	200	-.023	.123	.350	-.452
80	201	.008	.118	.413	-.428
80	202	.033	.121	.508	-.382
80	203	.030	.126	.469	-.515
80	204	.090	.129	.669	-.486
80	205	.111	.153	.753	-.430
80	206	.121	.147	.737	-.363
80	207	.013	.132	.556	-.425
80	208	.086	.134	.606	-.336
80	209	.089	.139	.574	-.368
80	210	-.077	.151	.667	-.379
80	211	-.044	.174	.753	-.651
80	212	-.161	.129	.262	-.610
80	213	-.178	.131	.251	-.600
80	214	-.168	.171	.774	-.370
80	215	-.098	.139	.392	-.718
80	301	-.262	.155	.222	-.813
80	302	-.248	.135	.155	-.816
80	303	-.244	.106	.038	-.725
80	304	-.238	.164	.308	-1.168
80	305	-.194	.140	.279	-.714
80	306	-.182	.134	.316	-.701
80	307	-.207	.171	.417	-1.238
80	308	-.174	.167	.572	-.995
80	309	-.154	.151	.379	-.843
80	310	-.117	.134	.371	-.591
80	311	-.123	.131	.374	-.610
80	312	-.139	.138	.349	-.771
80	313	-.160	.146	.388	-.783
80	314	-.117	.136	.426	-.577
80	315	-.125	.124	.313	-.521
80	316	-.111	.124	.304	-.633
80	317	-.120	.124	.313	-.621
80	318	-.117	.124	.312	-.580
80	319	-.141	.130	.313	-.549
80	320	-.154	.126	.216	-.615
80	321	-.143	.124	.220	-.630
80	322	-.121	.120	.236	-.582
80	323	-.129	.123	.246	-.586
80	324	-.130	.131	.402	-.598
80	325	-.191	.147	.474	-.881
80	326	.042	.139	.711	-.499
80	327	.053	.143	.753	-.521
80	328	-.025	.172	.744	-.869
80	329	-.240	.156	.201	-1.018
80	330	-.146	.117	.212	-.564
80	331	-.135	.118	.234	-.527
80	332	-.137	.119	.226	-.565
80	333	-.163	.127	.222	-.693
80	334	-.051	.138	.469	-.505
80	335	.035	.125	.452	-.340
80	336	.045	.137	.532	-.351
80	337	-.072	.129	.342	-.465
80	338	-.144	.130	.291	-.645
80	339	-.118	.126	.296	-.607
80	340	-.211	.142	.217	-.704
80	341	-.187	.138	.289	-.707
80	342	-.159	.134	.262	-.621
80	343	-.109	.129	.305	-.567
80	344	-.102	.118	.281	-.459
80	345	-.104	.116	.260	-.473
80	346	-.117	.118	.272	-.462
80	347	-.120	.119	.262	-.478
80	348	-.141	.122	.304	-.646
80	349	-.142	.121	.317	-.725
80	350	-.155	.126	.322	-.747
80	351	-.151	.126	.338	-.719
80	352	-.165	.121	.355	-.589
80	353	-.169	.119	.318	-.560
80	354	-.134	.120	.415	-.515
80	355	-.076	.124	.492	-.478
80	356	-.056	.126	.381	-.525
80	357	-.053	.125	.357	-.503
80	358	-.037	.130	.536	-.503
80	359	-.040	.127	.483	-.482
80	360	-.040	.132	.579	-.481
80	361	-.031	.129	.474	-.469
80	362	-.079	.125	.303	-.484
80	363	-.045	.130	.415	-.484
80	364	-.085	.132	.408	-.571
80	365	-.018	.142	.505	-.635
80	366	.011	.139	.536	-.611
80	367	.048	.143	.512	-.584
80	368	-.055	.135	.471	-.491
80	369	-.058	.131	.568	-.500
80	370	-.059	.131	.540	-.505
80	371	-.045	.129	.534	-.448
80	372	-.033	.152	.541	-.594
80	373	.094	.155	.674	-.405
80	374	.066	.146	.638	-.396
80	375	.036	.143	.531	-.553
80	376	-.066	.147	.449	-.479
80	377	-.083	.146	.426	-.490
80	401	-.241	.145	.306	-.825
80	402	-.290	.132	.087	-.862
80	403	-.209	.134	.277	-.696
80	404	-.299	.139	.178	-.836
80	405	-.207	.149	.398	-.700
80	406	-.333	.151	.121	-.867
80	407	-.377	.178	.141	-1.029
80	408	-.472	.201	.080	-1.251
80	409	-.182	.133	.316	-.571
80	410	-.153	.137	.338	-.635
80	411	-.041	.119	.370	-.382
80	412	-.282	.152	.290	-.740
80	413	-.236	.150	.264	-.763
80	414	-.255	.150	.269	-.798
80	415	-.302	.157	.266	-1.087
80	416	-.290	.163	.218	-.941
80	417	-.270	.157	.254	-.926
80	418	-.287	.164	.284	-.982
80	419	-.302	.157	.197	-1.095
80	420	-.322	.163	.183	-.866
80	421	-.325	.167	.188	-.925
80	422	-.294	.186	.266	-1.323
80	423	-.165	.178	.605	-1.161
80	424	-.207	.151	.339	-.688

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	425	-.226	.147	.290	-.746
80	426	-.281	.180	.233	-1.129
80	427	-.121	.137	.327	-.547
80	428	-.156	.129	.249	-.566
80	429	-.235	.136	.202	-.714
80	430	-.229	.134	.194	-.740
80	431	-.291	.141	.170	-.735
80	432	-.511	.203	.083	-1.370
80	433	-.262	.163	.286	-.899
80	434	-.263	.158	.212	-.903
80	435	-.303	.165	.197	-.917
80	436	-.483	.213	.121	-1.679
80	437	-.431	.182	.083	-1.583
80	438	-.402	.172	.101	-1.151
80	439	-.375	.191	.274	-1.277
80	440	-.274	.170	.286	-1.071
80	441	-.279	.163	.230	-.975
80	442	-.219	.136	.223	-.762
80	443	-.189	.133	.291	-.681
80	444	-.130	.124	.273	-.594
80	445	-.196	.127	.250	-.709
80	446	-.136	.122	.261	-.651
80	447	-.130	.123	.301	-.591
80	448	-.132	.130	.290	-.580
80	449	-.133	.127	.307	-.509
80	450	-.125	.130	.275	-.734
80	451	-.319	.201	.187	-1.449
80	452	.056	.174	.722	-.532
80	453	.045	.165	.581	-.554
80	454	-.010	.152	.552	-.609
80	455	-.212	.176	.445	-1.100
80	456	-.256	.172	.206	-1.112
80	457	-.167	.142	.286	-.825
80	458	.009	.158	.573	-.617
80	459	.003	.155	.606	-.550
80	460	-.080	.167	.589	-.913
80	461	-.194	.136	.366	-.656
80	462	-.148	.135	.404	-.687
80	463	-.043	.156	.585	-.449
80	464	-.073	.153	.550	-.614
80	465	-.062	.157	.650	-.582
80	466	-.125	.133	.435	-.624
80	467	-.070	.169	.603	-.575
80	468	-.079	.171	.607	-.681
80	469	-.074	.164	.650	-.627
80	470	-.123	.154	.458	-.930
80	471	-.082	.140	.390	-.608
80	472	-.084	.149	.561	-.584
80	473	-.101	.145	.566	-.603
80	474	-.095	.145	.579	-.596
80	475	.027	.150	.682	-.487
80	476	-.154	.135	.358	-.620
80	477	-.025	.157	.621	-.570
80	478	.011	.165	.565	-.632
80	479	-.027	.168	.630	-.659
80	480	-.105	.131	.384	-.503
80	481	.027	.155	.603	-.503
80	482	-.074	.132	.430	-.496
80	483	-.083	.131	.365	-.542
80	484	-.077	.123	.345	-.478
80	485	-.081	.124	.340	-.502
80	486	-.086	.126	.344	-.518
80	487	-.111	.131	.368	-.562
80	488	-.131	.133	.370	-.591
80	489	-.084	.137	.464	-.590
80	490	-.050	.131	.372	-.541
80	491	-.054	.132	.393	-.556
80	492	.074	.154	.827	-.402
80	493	.042	.154	.791	-.373
80	494	-.036	.160	.802	-.560
80	495	-.123	.135	.348	-.661
80	496	-.106	.143	.344	-.657
80	501	-.241	.150	.390	-.843
80	502	-.202	.214	.898	-1.060
80	503	.042	.272	1.213	-.955
80	504	-.228	.143	.253	-.893
80	505	-.215	.140	.263	-.822
80	506	-.005	.259	.910	-.889
80	507	-.205	.205	.803	-1.171
80	508	-.321	.226	.530	-1.252
80	509	-.178	.213	.839	-1.082
80	510	-.198	.146	.295	-.873
80	511	-.267	.140	.149	-.824
80	512	-.107	.134	.379	-.612
80	513	-.148	.244	.643	-1.121
80	514	.175	.203	.952	-.770
80	515	-.192	.133	.291	-.739
80	516	-.195	.136	.277	-.649
80	517	-.179	.133	.273	-.612
80	518	.040	.138	.494	-.407
80	519	-.039	.251	.698	-.943
80	520	.175	.219	.891	-.876
80	521	-.183	.138	.318	-.658
80	522	-.170	.138	.336	-.598
80	523	-.077	.134	.362	-.491
80	524	-.130	.238	.531	-.906
80	525	.112	.206	.738	-.907
80	526	.017	.208	.684	-.811
80	527	-.145	.128	.322	-.631
80	528	-.135	.133	.274	-.646
80	529	-.055	.120	.328	-.471
80	530	.017	.131	.477	-.497
80	531	-.136	.208	.525	-.844
80	532	.278	.162	.889	-.286
80	533	.297	.200	1.200	-.273
80	534	.213	.161	.937	-.290
80	535	.205	.155	.841	-.293
80	536	-.052	.168	.507	-.647
80	537	.045	.167	.709	-.492
80	538	.260	.177	.903	-.264
80	539	.155	.155	.711	-.301
80	540	.070	.145	.575	-.419
80	541	.057	.137	.540	-.573
80	542	.129	.130	.556	-.319
80	543	.232	.155	.903	-.325
80	544	.246	.169	.962	-.252
80	545	.213	.165	.845	-.327
80	546	-.133	.133	.312	-.703
80	547	-.121	.137	.379	-.606
80	548	-.072	.128	.401	-.541
80	549	-.008	.131	.501	-.414
80	550	-.116	.129	.361	-.577
80	551	.028	.138	.580	-.452
80	552	-.027	.134	.467	-.528
80	553	.040	.137	.573	-.403
80	554	.129	.128	.553	-.305
80	555	.062	.134	.484	-.527
80	556	.172	.146	.650	-.306
80	557	.193	.171	.862	-.283
80	558	.125	.150	.708	-.444
80	559	.108	.137	.510	-.357
80	560	.045	.152	.691	-.632
80	561	.164	.150	.698	-.312
80	562	.191	.158	.837	-.257
80	563	-.047	.126	.379	-.565
80	564	-.120	.149	.297	-.674
80	565	.030	.125	.439	-.394
80	566	.025	.126	.472	-.359
80	567	-.059	.127	.329	-.467
80	568	.033	.140	.462	-.410
80	569	.017	.140	.450	-.502
80	570	.016	.144	.451	-.501
80	571	.030	.142	.461	-.417
80	572	.023	.134	.462	-.435
80	573	.145	.144	.581	-.307
80	574	.046	.159	.518	-.503
80	575	.122	.138	.565	-.345
80	576	.199	.155	.794	-.304
80	577	.151	.165	.700	-.473
80	578	.026	.151	.654	-.458

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	579	-.012	.147	.629	-.462
80	580	.054	.138	.589	-.391
80	581	.098	.146	.656	-.438
80	582	.117	.153	.845	-.374
80	583	.056	.132	.552	-.393
80	584	-.091	.148	.418	-.596
80	585	.080	.121	.563	-.305
80	586	.103	.126	.681	-.348
80	901	-.244	.128	.187	-.678
80	902	-.323	.143	.173	-.815
80	903	-.165	.144	.410	-.756
80	904	-.332	.158	.094	-.894
80	905	-.232	.182	.418	-.881
80	906	-.281	.173	.295	-1.062
80	907	-.255	.133	.231	-.707
80	908	-.086	.149	.378	-.742
80	909	-.352	.154	.155	-.842
80	910	-.322	.173	.289	-.980
80	911	-.266	.171	.611	-.913
80	912	-.337	.179	.221	-1.174
80	913	-.229	.144	.224	-.810
80	914	-.202	.169	.289	-1.356
80	915	-.506	.235	.311	-1.448
80	916	-.298	.153	.288	-1.016
80	917	-.189	.158	.351	-.963
80	918	-.660	.229	.012	-1.584
80	919	-.581	.201	.036	-1.430
80	920	-.168	.228	.763	-1.184
80	921	.039	.142	.594	-.395
80	922	.248	.173	1.000	-.385
80	923	.319	.184	1.106	-.269
80	924	.292	.197	.991	-.343
80	925	.168	.139	.693	-.229
80	926	.080	.136	.752	-.295
80	927	.022	.153	.620	-.493
80	928	-.013	.155	.551	-.487
80	929	-.036	.139	.533	-.429
80	930	-.045	.133	.432	-.466
80	931	.217	.172	1.099	-.333
80	932	.206	.186	.787	-.600
80	933	.133	.135	.604	-.278
80	935	.074	.143	.571	-.441
80	936	.047	.142	.634	-.417
80	937	-.014	.132	.477	-.480
80	938	.211	.185	.827	-.505
80	939	.125	.149	.719	-.341
80	940	.086	.139	.585	-.396
80	941	.075	.145	.648	-.403
80	942	.040	.144	.673	-.426
80	943	.164	.207	.933	-.782
80	944	.122	.143	.626	-.358
80	945	.075	.132	.486	-.371
80	946	.069	.140	.622	-.391
80	947	.041	.138	.514	-.407
80	948	.137	.146	.836	-.451
80	949	.125	.143	.625	-.311
80	950	.091	.126	.508	-.332
80	951	.070	.141	.568	-.493
80	952	.070	.136	.514	-.451
80	953	.139	.131	.617	-.299
80	954	.098	.128	.541	-.365
80	955	.073	.126	.605	-.309
80	956	.074	.137	.629	-.493
80	957	.055	.134	.581	-.442
80	958	.020	.125	.488	-.399
80	959	-.016	.127	.611	-.493
80	960	.108	.170	.828	-.463
80	961	-.061	.124	.538	-.517
80	962	.060	.140	.562	-.393
80	963	.082	.145	.636	-.397
80	964	.103	.157	.689	-.450
80	965	.003	.186	.691	-.789
80	966	.054	.166	.765	-.574
80	967	.033	.138	.476	-.397
80	968	.088	.143	.549	-.453
80	969	-.037	.165	.477	-.589
80	970	.034	.144	.504	-.428
80	971	.023	.136	.477	-.403
80	972	.079	.146	.546	-.341
80	973	-.026	.162	.522	-.600
80	974	.006	.149	.548	-.599
80	975	-.332	.182	.217	-1.129
80	976	-.183	.149	.288	-1.004
80	977	.157	.164	.820	-.378
80	978	.103	.176	.967	-.452
80	979	.050	.159	.616	-.758
80	980	-.039	.148	.415	-.615
80	981	.028	.140	.481	-.516
80	982	.051	.146	.543	-.413
80	983	.090	.183	.910	-.794
80	984	.052	.142	.550	-.448
80	985	.058	.129	.621	-.383
80	986	-.044	.143	.671	-.652
90	1	-.074	.145	.372	-.701
90	2	-.045	.125	.363	-.544
90	3	.222	.154	1.019	-.200
90	4	-.001	.155	.514	-1.039
90	5	-.371	.216	.248	-1.367
90	6	-.397	.229	.261	-1.537
90	7	.211	.172	.816	-.338
90	8	-.286	.162	.246	-1.038
90	9	-.040	.156	.585	-.986
90	10	-.391	.200	.225	-1.283
90	11	-.295	.160	.204	-1.043
90	12	-.082	.137	.458	-.624
90	13	-.192	.167	.250	-1.074
90	14	-.149	.134	.233	-.805
90	15	-.021	.173	.501	-.853
90	16	-.014	.147	.482	-.810
90	17	.003	.134	.443	-.455
90	18	.217	.153	.849	-.246
90	101	-.141	.208	.855	-1.868
90	102	-.133	.171	.526	-.838
90	103	-.367	.225	.756	-1.150
90	104	-.253	.213	.365	-1.060
90	105	-.013	.165	.672	-.938
90	106	-.182	.153	.505	-.968
90	107	-.086	.140	.396	-.607
90	108	.158	.205	1.078	-.542
90	109	.067	.157	.592	-.511
90	110	.007	.140	.490	-.531
90	111	-.066	.148	.725	-.635
90	112	.130	.188	.857	-.509
90	113	-.017	.139	.530	-.533
90	114	-.027	.135	.525	-.568
90	115	.034	.150	.612	-.600
90	116	-.082	.152	.733	-.574
90	117	-.115	.161	.750	-.632
90	118	.075	.196	1.045	-.594
90	119	-.119	.155	.470	-.675
90	120	.264	.214	.902	-.668
90	121	.222	.171	.852	-.503
90	122	.125	.153	.641	-.365
90	123	.123	.151	.662	-.317
90	124	.102	.136	.597	-.322
90	125	.076	.134	.557	-.378
90	126	.050	.138	.554	-.455
90	127	-.003	.156	.574	-.559
90	128	-.004	.157	.590	-.554
90	129	-.042	.154	.559	-.502
90	130	-.101	.147	.552	-.585
90	131	.318	.201	.935	-.388
90	132	-.072	.134	.374	-.579
90	133	.301	.178	1.030	-.231
90	134	.274	.192	.893	-.346
90	135	.176	.159	.910	-.305
90	136	.167	.155	.881	-.311
90	137	.131	.142	.750	-.316
90	138	.101	.136	.648	-.331
90	139	.066	.138	.787	-.373

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	140	.001	.139	.830	-.471
90	141	.002	.145	.909	-.542
90	142	-.057	.142	.598	-.517
90	143	-.067	.121	.326	-.511
90	144	.246	.184	1.012	-.284
90	145	.053	.135	.619	-.407
90	146	.045	.142	.711	-.452
90	147	.246	.176	1.201	-.281
90	148	-.015	.142	.468	-.465
90	149	-.074	.126	.391	-.541
90	150	.138	.161	.859	-.361
90	151	-.138	.125	.279	-.613
90	152	.275	.175	1.009	-.307
90	153	.056	.133	.654	-.374
90	154	-.055	.132	.508	-.532
90	155	-.059	.127	.507	-.552
90	156	-.090	.121	.353	-.554
90	157	.078	.137	.514	-.338
90	158	.088	.139	.851	-.316
90	159	.044	.160	.875	-.469
90	160	.016	.142	.532	-.402
90	161	.041	.139	.518	-.395
90	162	-.032	.133	.425	-.462
90	163	-.054	.145	.584	-.491
90	164	-.029	.146	.532	-.493
90	165	-.033	.135	.426	-.560
90	166	.174	.184	.884	-.324
90	167	.125	.159	.729	-.427
90	168	.062	.149	.725	-.576
90	169	.064	.129	.672	-.360
90	170	.061	.129	.526	-.327
90	171	.050	.129	.516	-.360
90	172	.115	.145	.623	-.373
90	173	.083	.182	.763	-.528
90	174	.079	.171	.766	-.524
90	175	.028	.160	.739	-.584
90	176	.047	.190	.724	-.600
90	177	-.248	.166	.306	-.797
90	178	-.156	.146	.333	-.702
90	179	-.167	.151	.389	-.695
90	180	.193	.179	.823	-.326
90	181	.174	.140	.742	-.335
90	182	-.007	.133	.418	-.537
90	183	.046	.123	.474	-.361
90	184	.047	.130	.508	-.396
90	185	.022	.136	.499	-.408
90	186	.051	.139	.498	-.392
90	187	.104	.147	.632	-.439
90	188	.150	.143	.705	-.268
90	189	.101	.146	.674	-.400
90	190	.109	.168	.758	-.545
90	191	.112	.151	.870	-.414
90	192	.029	.142	.487	-.471
90	193	.075	.181	.744	-.642
90	194	-.175	.133	.240	-.837
90	195	-.158	.126	.301	-.739
90	196	-.170	.131	.347	-.747
90	197	.189	.173	.820	-.461
90	198	.177	.160	.774	-.444
90	199	.107	.151	.627	-.361
90	200	.029	.140	.486	-.404
90	201	.035	.132	.467	-.516
90	202	.034	.136	.481	-.512
90	203	.036	.138	.507	-.522
90	204	.112	.147	.741	-.434
90	205	.088	.157	.630	-.412
90	206	.108	.151	.718	-.356
90	207	.012	.136	.602	-.474
90	208	.105	.144	.701	-.356
90	209	.069	.132	.604	-.327
90	210	.107	.137	.608	-.326
90	211	.017	.194	.830	-.767
90	212	-.153	.133	.288	-.562
90	213	-.174	.136	.249	-.631
90	214	.211	.153	.868	-.301
90	215	-.081	.132	.331	-.514
90	301	-.232	.149	.268	-.925
90	302	-.215	.131	.187	-.882
90	303	-.223	.105	.074	-.592
90	304	-.218	.163	.296	-1.043
90	305	-.182	.139	.355	-.703
90	306	-.175	.130	.379	-.622
90	307	-.177	.158	.387	-.926
90	308	-.139	.144	.356	-.771
90	309	-.113	.135	.375	-.612
90	310	-.087	.129	.379	-.655
90	311	-.093	.129	.366	-.706
90	312	-.113	.134	.305	-.615
90	313	-.121	.138	.298	-.615
90	314	-.097	.134	.346	-.584
90	315	-.103	.121	.281	-.482
90	316	-.089	.128	.341	-.501
90	317	-.091	.129	.372	-.578
90	318	-.093	.129	.321	-.532
90	319	-.104	.127	.370	-.556
90	320	-.105	.129	.293	-.660
90	321	-.087	.125	.313	-.591
90	322	-.083	.125	.309	-.475
90	323	-.093	.126	.303	-.550
90	324	-.095	.132	.374	-.580
90	325	-.119	.135	.400	-.632
90	326	.045	.133	.537	-.372
90	327	.052	.135	.541	-.365
90	328	-.067	.147	.565	-.647
90	329	-.136	.143	.300	-.687
90	330	-.106	.126	.309	-.514
90	331	-.098	.127	.295	-.515
90	332	-.097	.121	.268	-.586
90	333	-.097	.125	.303	-.592
90	334	-.087	.138	.398	-.603
90	335	.040	.131	.472	-.406
90	336	.055	.126	.455	-.372
90	337	-.046	.120	.433	-.475
90	338	-.093	.120	.341	-.531
90	339	-.077	.119	.383	-.496
90	340	-.162	.135	.291	-.629
90	341	-.129	.131	.289	-.581
90	342	-.118	.128	.307	-.564
90	343	-.078	.124	.320	-.470
90	344	-.078	.123	.343	-.461
90	345	-.068	.121	.335	-.445
90	346	-.091	.123	.332	-.479
90	347	-.093	.124	.356	-.485
90	348	-.102	.122	.293	-.481
90	349	-.100	.120	.283	-.479
90	350	-.116	.124	.303	-.508
90	351	-.113	.125	.303	-.510
90	352	-.133	.118	.280	-.576
90	353	-.129	.115	.268	-.565
90	354	-.110	.115	.268	-.593
90	355	-.051	.112	.302	-.507
90	356	-.038	.127	.349	-.527
90	357	-.027	.124	.361	-.496
90	358	-.026	.126	.342	-.494
90	359	-.026	.128	.365	-.496
90	360	-.033	.122	.366	-.398
90	361	-.021	.120	.432	-.387
90	362	-.071	.121	.357	-.458
90	363	-.050	.122	.371	-.430
90	364	-.069	.126	.444	-.465
90	365	-.006	.133	.454	-.458
90	366	.023	.130	.519	-.390
90	367	.058	.134	.529	-.358
90	368	-.072	.131	.453	-.502
90	369	-.063	.127	.468	-.509
90	370	-.068	.128	.451	-.472
90	371	-.060	.127	.375	-.504
90	372	-.029	.141	.451	-.510
90	373	.117	.139	.617	-.298
90	374	.053	.133	.447	-.370

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	375	.024	.130	.458	-.423
90	376	-.088	.134	.340	-.539
90	377	-.100	.133	.340	-.557
90	401	-.218	.135	.265	-.862
90	402	-.266	.118	.122	-.756
90	403	-.161	.126	.286	-.574
90	404	-.243	.131	.188	-.708
90	405	-.155	.130	.289	-.593
90	406	-.270	.136	.203	-.802
90	407	-.312	.175	.157	-1.087
90	408	-.360	.201	.130	-1.089
90	409	-.091	.141	.375	-.600
90	410	-.118	.142	.368	-.617
90	411	.011	.127	.429	-.382
90	412	-.175	.123	.287	-.671
90	413	-.202	.119	.218	-.709
90	414	-.195	.120	.211	-.646
90	415	-.257	.127	.215	-.791
90	416	-.207	.142	.282	-.863
90	417	-.204	.133	.269	-.671
90	418	-.211	.138	.348	-.768
90	419	-.230	.134	.289	-.682
90	420	-.263	.137	.189	-.879
90	421	-.261	.141	.198	-.838
90	422	-.217	.153	.309	-.789
90	423	-.083	.140	.368	-.583
90	424	-.137	.136	.401	-.582
90	425	-.160	.136	.343	-.615
90	426	-.215	.154	.259	-.759
90	427	-.094	.127	.344	-.529
90	428	-.115	.125	.337	-.514
90	429	-.177	.132	.321	-.581
90	430	-.175	.132	.327	-.594
90	431	-.221	.140	.315	-.674
90	432	-.496	.209	.112	-1.395
90	433	-.216	.178	.357	-.918
90	434	-.217	.167	.300	-.979
90	435	-.241	.167	.258	-1.083
90	436	-.320	.183	.182	-1.124
90	437	-.292	.163	.185	-1.035
90	438	-.265	.160	.202	-.934
90	439	-.196	.175	.269	-.979
90	440	-.178	.168	.295	-.907
90	441	-.191	.167	.272	-.828
90	442	-.179	.141	.234	-.733
90	443	-.160	.138	.251	-.617
90	444	-.098	.126	.381	-.481
90	445	-.146	.132	.359	-.683
90	446	-.096	.125	.378	-.477
90	447	-.095	.125	.341	-.468
90	448	-.108	.126	.293	-.567
90	449	-.111	.123	.273	-.576
90	450	-.103	.123	.294	-.553
90	451	-.280	.162	.253	-1.068
90	452	.045	.154	.633	-.528
90	453	.038	.148	.548	-.494
90	454	-.002	.142	.535	-.451
90	455	-.160	.146	.289	-.715
90	456	-.172	.135	.256	-.972
90	457	-.129	.126	.311	-.741
90	458	-.002	.136	.530	-.552
90	459	.005	.138	.616	-.414
90	460	-.051	.157	.649	-.631
90	461	-.163	.128	.226	-.736
90	462	-.125	.129	.259	-.765
90	463	-.048	.129	.365	-.498
90	464	-.080	.129	.437	-.549
90	465	-.067	.137	.488	-.480
90	466	-.097	.121	.256	-.523
90	467	-.096	.137	.415	-.569
90	468	-.100	.132	.409	-.534
90	469	-.093	.129	.392	-.528
90	470	-.116	.130	.334	-.739
90	471	-.068	.123	.427	-.466
90	472	-.113	.129	.324	-.529
90	473	-.130	.127	.270	-.540
90	474	-.123	.127	.291	-.520
90	475	.031	.142	.486	-.427
90	476	-.118	.125	.313	-.532
90	477	-.020	.148	.542	-.480
90	478	.025	.133	.429	-.421
90	479	-.001	.144	.427	-.657
90	480	-.079	.122	.321	-.470
90	481	.024	.137	.626	-.387
90	482	-.060	.120	.325	-.442
90	483	-.068	.118	.329	-.444
90	484	-.070	.126	.349	-.492
90	485	-.071	.125	.386	-.494
90	486	-.077	.127	.397	-.525
90	487	-.096	.130	.347	-.531
90	488	-.126	.142	.299	-.697
90	489	-.105	.143	.347	-.670
90	490	-.061	.139	.349	-.601
90	491	-.062	.139	.347	-.569
90	492	.058	.139	.570	-.418
90	493	.011	.141	.520	-.472
90	494	-.054	.155	.443	-.648
90	495	-.103	.130	.324	-.653
90	496	-.105	.149	.388	-.847
90	501	-.234	.159	.411	-1.054
90	502	-.169	.210	.624	-1.117
90	503	.161	.273	1.246	-.855
90	504	-.184	.152	.310	-.764
90	505	-.146	.141	.360	-.789
90	506	.086	.244	.880	-.739
90	507	-.146	.191	.641	-1.076
90	508	-.228	.250	.848	-1.055
90	509	-.079	.214	.953	-.924
90	510	-.143	.134	.286	-.920
90	511	-.244	.138	.245	-.817
90	512	-.032	.147	.473	-.555
90	513	.078	.227	.938	-.744
90	514	.272	.208	1.213	-.675
90	515	-.187	.148	.352	-.788
90	516	-.198	.146	.212	-.866
90	517	-.152	.134	.339	-.584
90	518	.115	.160	.925	-.369
90	519	.146	.225	1.065	-.635
90	520	.241	.207	.979	-.511
90	521	-.155	.137	.266	-.759
90	522	-.154	.150	.251	-.823
90	523	-.024	.127	.390	-.432
90	524	.077	.235	.894	-.897
90	525	.199	.201	.978	-.767
90	526	.138	.196	.773	-.826
90	527	-.130	.138	.355	-.842
90	528	-.133	.146	.363	-.916
90	529	-.020	.134	.562	-.487
90	530	.092	.158	.982	-.469
90	531	.000	.249	.831	-1.012
90	532	.259	.165	1.097	-.243
90	533	.287	.192	.970	-.368
90	534	.206	.156	.991	-.273
90	535	.218	.158	1.122	-.333
90	536	.058	.168	.828	-.533
90	537	.137	.162	.734	-.413
90	538	.255	.155	1.022	-.144
90	539	.167	.133	.656	-.227
90	540	.131	.138	.719	-.279
90	541	.091	.143	.640	-.488
90	542	.122	.136	.637	-.301
90	543	.201	.158	.851	-.332
90	544	.210	.172	.887	-.423
90	545	.214	.155	.846	-.241
90	546	-.141	.146	.297	-.860
90	547	-.142	.150	.370	-.807
90	548	-.045	.128	.444	-.625
90	549	.059	.132	.519	-.479
90	550	-.112	.133	.365	-.600
90	551	.091	.144	.696	-.408

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	552	.062	.147	.710	-.475
90	553	.116	.147	.759	-.438
90	554	.143	.124	.663	-.246
90	555	.073	.132	.554	-.423
90	556	.170	.136	.638	-.353
90	557	.196	.153	.786	-.331
90	558	.152	.139	.900	-.243
90	559	.129	.134	.709	-.246
90	560	.091	.156	.658	-.536
90	561	.176	.144	.695	-.276
90	562	.207	.154	.773	-.285
90	563	.030	.144	.564	-.479
90	564	-.145	.162	.313	-.789
90	565	.078	.137	.715	-.426
90	566	.077	.137	.718	-.425
90	567	-.040	.134	.441	-.568
90	568	.076	.138	.543	-.388
90	569	.056	.138	.522	-.451
90	570	.061	.140	.553	-.405
90	571	.071	.139	.550	-.394
90	572	.077	.131	.585	-.332
90	573	.145	.135	.658	-.221
90	574	.085	.143	.641	-.332
90	575	.143	.130	.646	-.236
90	576	.201	.146	.769	-.339
90	577	.117	.149	.704	-.343
90	578	.015	.132	.533	-.426
90	579	-.020	.127	.456	-.418
90	580	.054	.135	.528	-.422
90	581	.111	.137	.630	-.285
90	582	.109	.149	.633	-.362
90	583	.059	.129	.502	-.356
90	584	-.092	.125	.490	-.531
90	585	.104	.125	.539	-.315
90	586	.119	.133	.538	-.274
90	901	-.224	.136	.312	-.648
90	902	-.298	.138	.134	-.841
90	903	-.133	.140	.334	-.620
90	904	-.250	.150	.266	-.806
90	905	-.196	.165	.444	-.881
90	906	-.240	.158	.469	-.822
90	907	-.216	.129	.209	-.785
90	908	-.004	.138	.556	-.700
90	909	-.223	.156	.176	-.884
90	910	-.245	.159	.272	-.843
90	911	-.205	.164	.412	-.784
90	912	-.280	.176	.357	-1.068
90	913	-.199	.142	.240	-.779
90	914	-.159	.147	.336	-1.005
90	915	-.458	.224	.296	-1.413
90	916	-.274	.152	.192	-.978
90	917	-.166	.143	.496	-.748
90	918	-.555	.220	.191	-1.522
90	919	-.509	.190	.084	-1.301
90	920	-.042	.203	1.057	-.723
90	921	.110	.154	.825	-.433
90	922	.259	.169	1.038	-.296
90	923	.318	.173	.960	-.230
90	924	.249	.180	1.134	-.426
90	925	.172	.133	.922	-.294
90	926	.064	.129	.554	-.366
90	927	.004	.128	.504	-.461
90	928	-.061	.132	.472	-.649
90	929	-.049	.133	.584	-.479
90	930	-.074	.122	.370	-.529
90	931	.255	.164	.865	-.237
90	932	.198	.173	.703	-.393
90	933	.159	.131	.567	-.282
90	935	.090	.120	.558	-.330
90	936	.050	.120	.469	-.321
90	937	-.024	.122	.513	-.418
90	938	.139	.175	.844	-.756
90	939	.148	.137	.672	-.310
90	940	.096	.125	.513	-.315
90	941	.073	.126	.505	-.298
90	942	.011	.124	.480	-.366
90	943	.154	.203	1.004	-.470
90	944	.126	.144	.746	-.306
90	945	.085	.131	.567	-.325
90	946	.038	.129	.485	-.449
90	947	.039	.126	.579	-.386
90	948	.122	.133	.608	-.283
90	949	.116	.130	.786	-.362
90	950	.047	.122	.548	-.399
90	951	.077	.118	.554	-.396
90	952	.058	.118	.500	-.429
90	953	.137	.127	.581	-.279
90	954	.062	.123	.548	-.402
90	955	.088	.123	.507	-.324
90	956	.058	.123	.494	-.336
90	957	.071	.137	.548	-.476
90	958	.053	.130	.585	-.410
90	959	-.006	.132	.463	-.429
90	960	.101	.149	.681	-.514
90	961	-.054	.129	.375	-.622
90	962	.066	.126	.558	-.347
90	963	.075	.126	.485	-.347
90	964	.112	.140	.729	-.310
90	965	-.010	.149	.474	-.791
90	966	.073	.158	.724	-.548
90	967	.055	.133	.485	-.374
90	968	.091	.134	.505	-.333
90	969	-.031	.152	.458	-.664
90	970	.062	.137	.494	-.409
90	971	.054	.129	.439	-.365
90	972	.083	.130	.542	-.352
90	973	-.010	.146	.513	-.467
90	974	.017	.130	.506	-.506
90	975	-.292	.182	.280	-1.054
90	976	-.145	.142	.370	-.930
90	977	.150	.140	.626	-.375
90	978	.056	.145	.701	-.444
90	979	.072	.145	.553	-.418
90	980	.092	.133	.500	-.549
90	981	.044	.128	.461	-.370
90	982	.052	.127	.456	-.363
90	983	.079	.150	.718	-.601
90	984	.042	.144	.496	-.431
90	985	.071	.136	.652	-.387
90	986	-.071	.134	.432	-.650
100	1	-.050	.146	.489	-.621
100	2	-.019	.129	.449	-.469
100	3	.251	.158	.905	-.239
100	4	.030	.151	.586	-.667
100	5	-.316	.187	.290	-1.309
100	6	-.296	.200	.353	-1.298
100	7	.176	.167	.710	-.389
100	8	-.237	.147	.273	-.956
100	9	-.066	.141	.412	-.640
100	10	-.374	.185	.169	-1.158
100	11	-.274	.144	.125	-.916
100	12	-.058	.124	.459	-.574
100	13	-.138	.148	.309	-.752
100	14	-.111	.126	.284	-.642
100	15	.067	.172	.606	-.946
100	16	.051	.149	.525	-.716
100	17	.092	.138	.528	-.317
100	18	.200	.149	.748	-.456
100	101	-.093	.174	.589	-.882
100	102	-.122	.150	.401	-.678
100	103	-.304	.201	.669	-1.124
100	104	-.178	.178	.391	-.992
100	105	.007	.154	.779	-.555
100	106	-.138	.131	.515	-.593
100	107	-.064	.132	.538	-.496
100	108	.081	.208	.733	-.641
100	109	.065	.136	.543	-.327
100	110	.021	.123	.465	-.349
100	111	-.033	.144	.497	-.543
100	112	.133	.183	.930	-.435

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	113	.010	.132	.503	-.541
100	114	.022	.131	.592	-.469
100	115	.069	.143	.648	-.409
100	116	-.057	.137	.497	-.564
100	117	-.095	.142	.475	-.581
100	118	.103	.187	1.115	-.546
100	119	-.087	.137	.393	-.522
100	120	.210	.209	.848	-.708
100	121	.191	.153	.710	-.266
100	122	.121	.139	.641	-.314
100	123	.117	.130	.637	-.317
100	124	.108	.125	.530	-.305
100	125	.089	.124	.444	-.336
100	126	.067	.127	.571	-.361
100	127	.013	.126	.505	-.624
100	128	.010	.127	.516	-.430
100	129	-.033	.126	.417	-.455
100	130	-.068	.124	.350	-.480
100	131	.260	.213	1.047	-.442
100	132	-.047	.125	.362	-.578
100	133	.274	.187	.946	-.273
100	134	.221	.180	.800	-.336
100	135	.159	.145	.700	-.294
100	136	.150	.143	.672	-.293
100	137	.126	.137	.619	-.292
100	138	.101	.133	.576	-.305
100	139	.074	.121	.466	-.328
100	140	.014	.120	.397	-.392
100	141	.015	.124	.437	-.406
100	142	-.037	.126	.360	-.483
100	143	-.065	.118	.410	-.441
100	144	.201	.175	1.056	-.316
100	145	.034	.131	.487	-.350
100	146	.036	.135	.533	-.405
100	147	.236	.164	.844	-.285
100	148	-.020	.126	.349	-.480
100	149	-.050	.125	.419	-.463
100	150	.208	.182	1.026	-.440
100	151	-.094	.142	.330	-.565
100	152	.257	.176	.970	-.319
100	153	.036	.123	.484	-.333
100	154	-.045	.117	.428	-.435
100	155	-.053	.114	.388	-.414
100	156	-.055	.113	.329	-.475
100	157	.075	.116	.414	-.327
100	158	.078	.113	.450	-.314
100	159	.039	.125	.519	-.407
100	160	.017	.116	.482	-.372
100	161	.036	.140	.450	-.438
100	162	-.018	.136	.401	-.502
100	163	-.059	.142	.447	-.561
100	164	-.027	.143	.504	-.446
100	165	-.018	.130	.462	-.436
100	166	.176	.153	.762	-.363
100	167	.138	.139	.654	-.343
100	168	.079	.135	.676	-.402
100	169	.070	.127	.562	-.393
100	170	.050	.124	.523	-.423
100	171	.018	.127	.518	-.476
100	172	.103	.157	.866	-.402
100	173	.021	.156	.830	-.477
100	174	.049	.146	.834	-.492
100	175	-.001	.135	.569	-.455
100	176	.030	.170	.715	-.642
100	177	-.176	.140	.280	-.775
100	178	-.099	.122	.415	-.525
100	179	-.117	.125	.301	-.594
100	180	.198	.154	.732	-.360
100	181	.174	.134	.707	-.291
100	182	.026	.122	.410	-.409
100	183	.053	.118	.433	-.360
100	184	.030	.125	.589	-.478
100	185	.004	.121	.409	-.363
100	186	.034	.122	.432	-.350
100	187	.079	.135	.535	-.403
100	188	.150	.142	.814	-.320
100	189	.093	.145	.599	-.408
100	190	.075	.163	.644	-.625
100	191	.095	.150	.680	-.328
100	192	.035	.141	.882	-.385
100	193	.103	.170	.847	-.570
100	194	-.093	.128	.347	-.508
100	195	-.095	.128	.376	-.489
100	196	-.106	.131	.378	-.498
100	197	.183	.155	.788	-.290
100	198	.188	.144	.664	-.260
100	199	.125	.144	.674	-.357
100	200	.044	.134	.579	-.470
100	201	.041	.124	.515	-.419
100	202	.022	.124	.430	-.371
100	203	.009	.127	.428	-.376
100	204	.090	.136	.603	-.426
100	205	.039	.157	.602	-.460
100	206	.080	.144	.698	-.356
100	207	-.000	.132	.530	-.456
100	208	.079	.136	.611	-.368
100	209	.091	.140	.490	-.386
100	210	.084	.128	.618	-.391
100	211	.058	.148	.691	-.476
100	212	-.090	.115	.290	-.505
100	213	-.102	.116	.314	-.584
100	214	.224	.169	.936	-.374
100	215	-.059	.134	.472	-.600
100	301	-.200	.145	.371	-.904
100	302	-.193	.129	.252	-.645
100	303	-.265	.104	.094	-.569
100	304	-.172	.143	.368	-.893
100	305	-.145	.132	.384	-.613
100	306	-.143	.129	.357	-.638
100	307	-.154	.141	.387	-.828
100	308	-.116	.140	.404	-.739
100	309	-.092	.132	.360	-.629
100	310	-.082	.131	.318	-.603
100	311	-.084	.129	.321	-.563
100	312	-.090	.134	.436	-.595
100	313	-.094	.139	.408	-.675
100	314	-.085	.137	.425	-.520
100	315	-.076	.123	.318	-.571
100	316	-.074	.132	.358	-.562
100	317	-.082	.133	.345	-.548
100	318	-.081	.133	.310	-.566
100	319	-.075	.128	.382	-.509
100	320	-.073	.120	.344	-.481
100	321	-.070	.118	.311	-.470
100	322	-.067	.122	.362	-.633
100	323	-.072	.123	.387	-.644
100	324	-.077	.118	.295	-.454
100	325	-.074	.113	.278	-.451
100	326	.037	.118	.435	-.415
100	327	.046	.119	.444	-.403
100	328	-.049	.134	.359	-.959
100	329	-.078	.123	.335	-.521
100	330	-.084	.118	.359	-.468
100	331	-.082	.119	.393	-.508
100	332	-.071	.118	.278	-.589
100	333	-.076	.120	.323	-.551
100	334	-.092	.131	.430	-.597
100	335	.036	.127	.394	-.480
100	336	.041	.125	.478	-.381
100	337	-.051	.116	.300	-.450
100	338	-.060	.118	.349	-.538
100	339	-.049	.117	.349	-.456
100	340	-.116	.136	.325	-.591
100	341	-.102	.130	.324	-.533
100	342	-.087	.127	.355	-.456
100	343	-.052	.123	.381	-.424
100	344	-.052	.118	.359	-.447
100	345	-.053	.116	.337	-.421
100	346	-.060	.117	.337	-.432
100	347	-.058	.118	.320	-.445

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	348	-.071	.125	.457	-.559
100	349	-.070	.121	.447	-.525
100	350	-.074	.124	.457	-.539
100	351	-.071	.124	.455	-.553
100	352	-.088	.121	.373	-.511
100	353	-.090	.119	.375	-.529
100	354	-.072	.121	.358	-.526
100	355	-.031	.123	.423	-.458
100	356	-.030	.121	.334	-.462
100	357	-.028	.118	.316	-.453
100	358	-.018	.118	.343	-.425
100	359	-.017	.119	.337	-.456
100	360	-.021	.123	.356	-.432
100	361	-.023	.119	.379	-.437
100	362	-.056	.121	.347	-.461
100	363	-.037	.121	.350	-.448
100	364	-.048	.115	.317	-.493
100	365	-.013	.119	.408	-.442
100	366	.017	.118	.427	-.401
100	367	.048	.124	.438	-.404
100	368	-.059	.126	.319	-.487
100	369	-.060	.124	.307	-.503
100	370	-.056	.125	.300	-.492
100	371	-.044	.132	.429	-.569
100	372	-.016	.137	.409	-.534
100	373	.106	.137	.561	-.347
100	374	.042	.127	.551	-.352
100	375	.021	.126	.446	-.391
100	376	-.079	.120	.331	-.511
100	377	-.094	.119	.294	-.524
100	401	-.181	.134	.307	-.638
100	402	-.217	.121	.203	-.723
100	403	-.130	.129	.284	-.597
100	404	-.231	.137	.179	-.814
100	405	-.119	.131	.277	-.578
100	406	-.241	.139	.180	-.763
100	407	-.234	.172	.275	-1.059
100	408	-.277	.207	.288	-1.223
100	409	-.072	.131	.341	-.520
100	410	-.078	.133	.368	-.655
100	411	.072	.151	.674	-.458
100	412	-.104	.125	.324	-.523
100	413	-.134	.120	.241	-.532
100	414	-.136	.120	.257	-.558
100	415	-.191	.124	.192	-.628
100	416	-.136	.137	.362	-.585
100	417	-.130	.133	.296	-.592
100	418	-.136	.134	.292	-.553
100	419	-.159	.132	.251	-.636
100	420	-.155	.134	.342	-.684

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	421	-.141	.133	.369	-.668
100	422	-.106	.144	.432	-.880
100	423	-.008	.131	.449	-.461
100	424	-.065	.136	.434	-.574
100	425	-.074	.137	.466	-.619
100	426	-.151	.155	.381	-.682
100	427	-.072	.129	.423	-.529
100	428	-.080	.127	.383	-.533
100	429	-.125	.134	.389	-.628
100	430	-.132	.134	.393	-.632
100	431	-.171	.144	.335	-.678
100	432	-.419	.243	.172	-1.649
100	433	-.109	.172	.459	-.752
100	434	-.118	.164	.451	-.766
100	435	-.141	.162	.298	-.737
100	436	-.202	.166	.262	-.823
100	437	-.181	.152	.274	-.812
100	438	-.160	.147	.282	-.649
100	439	-.086	.145	.367	-.574
100	440	-.066	.134	.342	-.609
100	441	-.078	.136	.313	-.712
100	442	-.105	.129	.294	-.600
100	443	-.120	.133	.259	-.620
100	444	-.074	.119	.411	-.446
100	445	-.124	.131	.456	-.610
100	446	-.067	.117	.416	-.468
100	447	-.065	.116	.420	-.471
100	448	-.070	.133	.313	-.511
100	449	-.069	.128	.318	-.525
100	450	-.063	.127	.335	-.457
100	451	-.215	.161	.270	-1.009
100	452	.049	.142	.588	-.425
100	453	.041	.136	.554	-.424
100	454	-.001	.130	.477	-.405
100	455	-.125	.131	.282	-.723
100	456	-.121	.121	.264	-.585
100	457	-.088	.114	.283	-.489
100	458	.014	.124	.434	-.440
100	459	.028	.125	.582	-.410
100	460	-.007	.142	.473	-.449
100	461	-.099	.136	.374	-.617
100	462	-.108	.143	.382	-.778
100	463	-.065	.124	.373	-.485
100	464	-.075	.127	.394	-.506
100	465	-.057	.133	.561	-.582
100	466	-.062	.117	.339	-.422
100	467	-.095	.131	.436	-.510
100	468	-.090	.132	.332	-.506
100	469	-.079	.129	.333	-.497
100	470	-.097	.140	.341	-.731

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	471	-.044	.125	.363	-.465
100	472	-.096	.127	.292	-.549
100	473	-.103	.124	.266	-.549
100	474	-.105	.125	.266	-.544
100	475	.065	.143	.566	-.511
100	476	-.073	.117	.326	-.527
100	477	-.020	.127	.411	-.490
100	478	.036	.126	.458	-.437
100	479	.061	.144	.535	-.498
100	480	-.057	.130	.338	-.473
100	481	.058	.143	.553	-.420
100	482	-.038	.130	.400	-.436
100	483	-.044	.128	.355	-.436
100	484	-.048	.131	.404	-.596
100	485	-.056	.133	.421	-.597
100	486	-.057	.134	.448	-.587
100	487	-.081	.136	.440	-.592
100	488	-.107	.132	.394	-.577
100	489	-.088	.131	.409	-.549
100	490	-.050	.130	.400	-.514
100	491	-.056	.130	.392	-.481
100	492	.059	.140	.615	-.525
100	493	.040	.142	.540	-.433
100	494	.009	.155	.502	-.576
100	495	-.070	.153	.424	-.907
100	496	-.115	.157	.433	-.679
100	501	-.162	.164	.475	-.669
100	502	-.107	.198	.622	-.858
100	503	.175	.261	1.203	-.492
100	504	-.117	.161	.390	-.876
100	505	-.104	.155	.599	-.722
100	506	.177	.222	.994	-.859
100	507	-.063	.212	.822	-1.265
100	508	-.018	.334	.908	-.944
100	509	-.010	.191	1.093	-.662
100	510	-.094	.145	.421	-.680
100	511	-.213	.164	.319	-1.025
100	512	.025	.159	.747	-.467
100	513	.165	.202	.901	-.556
100	514	.269	.190	.946	-.480
100	515	-.158	.154	.381	-.797
100	516	-.217	.175	.284	-1.107
100	517	-.103	.143	.307	-.704
100	518	.260	.170	.896	-.332
100	519	.257	.223	.939	-.569
100	520	.279	.216	1.129	-.735
100	521	-.154	.168	.354	-.969
100	522	-.184	.181	.373	-1.329
100	523	.012	.145	.530	-.433
100	524	.224	.217	.960	-.699

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	525	.274	.189	.975	-.397
100	526	.235	.179	.913	-.411
100	527	-.139	.150	.343	-.784
100	528	-.149	.171	.411	-.973
100	529	.026	.134	.503	-.527
100	530	.172	.150	.753	-.318
100	531	.151	.205	.691	-.653
100	532	.295	.178	1.134	-.273
100	533	.210	.167	.871	-.383
100	534	.249	.168	.942	-.390
100	535	.278	.175	1.030	-.327
100	536	.155	.179	.891	-.430
100	537	.213	.177	1.000	-.380
100	538	.257	.180	1.137	-.271
100	539	.193	.152	.775	-.299
100	540	.192	.162	.743	-.346
100	541	.172	.149	.864	-.356
100	542	.183	.142	.768	-.413
100	543	.224	.157	.893	-.397
100	544	.218	.161	.952	-.313
100	545	.219	.147	.894	-.218
100	546	-.131	.158	.328	-.855
100	547	-.160	.180	.422	-.936
100	548	-.005	.146	.554	-.447
100	549	-.132	.151	.760	-.389
100	550	-.088	.150	.335	-.684
100	551	.159	.155	.763	-.289
100	552	.143	.157	.773	-.327
100	553	.170	.150	.737	-.302
100	554	.206	.147	.727	-.262
100	555	.170	.150	.797	-.312
100	556	.228	.158	1.063	-.240
100	557	.229	.164	1.077	-.295
100	558	.166	.136	.721	-.243
100	559	.176	.151	.786	-.363
100	560	.157	.147	.773	-.392
100	561	.225	.158	.988	-.335
100	562	.241	.160	.968	-.292
100	563	.122	.146	.757	-.374
100	564	-.157	.163	.330	-.877
100	565	.150	.144	.760	-.228
100	566	.146	.144	.764	-.251
100	567	-.005	.134	.422	-.422
100	568	.151	.138	.723	-.281
100	569	.125	.131	.591	-.280
100	570	.142	.138	.701	-.312
100	571	.143	.136	.635	-.304
100	572	.148	.143	.695	-.338
100	573	.175	.140	.586	-.407
100	574	.147	.140	.603	-.368
100	575	.183	.139	.660	-.309
100	576	.214	.144	.840	-.219
100	577	.103	.155	.799	-.391
100	578	.018	.137	.573	-.448
100	579	-.014	.137	.545	-.583
100	580	.054	.142	.713	-.461
100	581	.149	.159	.763	-.415
100	582	.098	.149	.721	-.410
100	583	.062	.136	.648	-.383
100	584	-.080	.133	.445	-.524
100	585	.100	.140	.544	-.367
100	586	.113	.127	.519	-.340
100	901	-.193	.146	.387	-.737
100	902	-.219	.145	.213	-.831
100	903	-.091	.131	.406	-.681
100	904	-.173	.139	.270	-.667
100	905	-.128	.152	.346	-.874
100	906	-.227	.145	.265	-.821
100	907	-.203	.141	.249	-.737
100	908	.030	.145	.513	-.504
100	909	-.154	.166	.221	-.851
100	910	-.206	.174	.276	-.870
100	911	-.172	.152	.321	-.726
100	912	-.250	.169	.268	-1.166
100	913	-.165	.134	.279	-.844
100	914	-.125	.140	.375	-.839
100	915	-.410	.200	.375	-1.434
100	916	-.244	.156	.296	-1.173
100	917	-.134	.141	.335	-.815
100	918	-.450	.227	.334	-1.518
100	919	-.466	.179	.088	-1.175
100	920	.004	.191	.899	-.623
100	921	.173	.159	1.168	-.334
100	922	.278	.172	1.201	-.292
100	923	.290	.161	1.206	-.182
100	924	.159	.192	.859	-.852
100	925	.143	.126	.580	-.337
100	926	.052	.117	.674	-.392
100	927	.011	.119	.430	-.425
100	928	-.066	.122	.330	-.478
100	929	-.040	.134	.483	-.475
100	930	-.061	.118	.334	-.475
100	931	.219	.151	.838	-.276
100	932	.102	.170	.732	-.610
100	933	.120	.129	.569	-.373
100	935	.096	.126	.526	-.325
100	936	.035	.124	.505	-.362
100	937	-.024	.126	.410	-.393
100	938	.093	.183	.665	-.621
100	939	.138	.134	.623	-.259
100	940	.091	.125	.516	-.340
100	941	.067	.122	.477	-.321
100	942	.070	.120	.423	-.373
100	943	.127	.211	1.123	-.527
100	944	.123	.145	.711	-.301
100	945	.085	.133	.595	-.338
100	946	.052	.131	.704	-.346
100	947	.054	.123	.526	-.402
100	948	.151	.140	.656	-.415
100	949	.120	.133	.627	-.326
100	950	.066	.126	.462	-.312
100	951	.090	.125	.475	-.401
100	952	.054	.124	.443	-.413
100	953	.139	.133	.630	-.352
100	954	.083	.129	.629	-.445
100	955	.092	.121	.554	-.248
100	956	.056	.118	.565	-.284
100	957	.076	.138	.492	-.383
100	958	.070	.137	.475	-.401
100	959	.008	.137	.419	-.473
100	960	.097	.150	.662	-.344
100	961	-.036	.132	.360	-.520
100	962	.065	.110	.437	-.307
100	963	.058	.115	.434	-.375
100	964	.120	.123	.576	-.256
100	965	-.002	.129	.425	-.624
100	966	.097	.134	.532	-.333
100	967	.075	.118	.469	-.337
100	968	.094	.120	.491	-.303
100	969	-.027	.139	.384	-.514
100	970	.081	.121	.531	-.347
100	971	.058	.119	.542	-.415
100	972	.075	.120	.591	-.433
100	973	.000	.136	.411	-.504
100	974	.040	.127	.474	-.380
100	975	-.231	.178	.257	-1.434
100	976	-.092	.138	.333	-.898
100	977	.183	.137	.784	-.238
100	978	.079	.145	.724	-.397
100	979	.095	.123	.578	-.291
100	980	.034	.117	.529	-.319
100	981	.065	.115	.454	-.313
100	982	.055	.116	.422	-.337
100	983	.077	.137	.663	-.403
100	984	.029	.130	.458	-.421
100	985	.082	.130	.522	-.326
100	986	-.068	.127	.357	-.500
110	1	-.077	.148	.367	-.814
110	2	-.036	.128	.410	-.472
110	3	.228	.160	.837	-.296

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	4	.009	.150	.649	-.741
110	5	-.197	.172	.260	-1.102
110	6	-.166	.177	.307	-.925
110	7	.110	.162	.774	-.416
110	8	-.146	.137	.261	-.740
110	9	-.031	.134	.485	-.722
110	10	-.306	.185	.185	-1.220
110	11	-.206	.143	.237	-.699
110	12	-.015	.116	.389	-.448
110	13	-.055	.135	.373	-.693
110	14	-.038	.123	.382	-.529
110	15	.134	.162	.668	-.471
110	16	.106	.145	.611	-.437
110	17	.136	.131	.663	-.298
110	18	.224	.139	.831	-.211
110	101	-.141	.191	.541	-1.054
110	102	-.093	.143	.532	-.590
110	103	-.188	.185	.519	-.951
110	104	-.118	.151	.413	-.748
110	105	-.072	.161	.559	-.702
110	106	-.110	.129	.272	-.592
110	107	-.032	.129	.381	-.460
110	108	.027	.202	.689	-.881
110	109	.071	.135	.559	-.450
110	110	.038	.125	.493	-.394
110	111	-.021	.137	.464	-.440
110	112	.140	.175	.974	-.373
110	113	.012	.130	.590	-.422
110	114	.025	.130	.547	-.397
110	115	.016	.146	.504	-.507
110	116	-.070	.132	.335	-.506
110	117	-.094	.135	.336	-.574
110	118	.107	.182	.776	-.433
110	119	-.050	.125	.378	-.498
110	120	.075	.227	.725	-.761
110	121	.141	.154	.593	-.574
110	122	.098	.130	.692	-.346
110	123	.099	.130	.608	-.378
110	124	.095	.126	.631	-.387
110	125	.069	.126	.553	-.404
110	126	.036	.127	.481	-.420
110	127	.002	.130	.670	-.408
110	128	.003	.130	.717	-.398
110	129	-.016	.125	.553	-.438
110	130	-.040	.127	.451	-.449
110	131	.142	.229	.874	-.734
110	132	-.010	.126	.430	-.460
110	133	.214	.194	.893	-.510
110	134	.127	.179	.765	-.508
110	135	.135	.138	.578	-.375
110	136	.131	.135	.547	-.358
110	137	.102	.129	.519	-.388
110	138	.071	.125	.456	-.403
110	139	.037	.135	.554	-.483
110	140	-.009	.131	.541	-.602
110	141	-.009	.134	.616	-.573
110	142	-.043	.133	.438	-.639
110	143	-.055	.124	.286	-.481
110	144	.192	.177	.860	-.658
110	145	.002	.134	.443	-.482
110	146	.004	.137	.506	-.442
110	147	.206	.167	.871	-.291
110	148	-.023	.124	.393	-.530
110	149	-.017	.130	.391	-.414
110	150	.239	.165	.850	-.262
110	151	-.050	.125	.341	-.469
110	152	.213	.156	1.051	-.329
110	153	.008	.131	.463	-.423
110	154	-.042	.132	.388	-.497
110	155	-.039	.129	.394	-.529
110	156	-.032	.127	.380	-.491
110	157	.026	.127	.545	-.436
110	158	.035	.124	.520	-.421
110	159	.012	.128	.502	-.532
110	160	-.012	.123	.572	-.485
110	161	.011	.124	.464	-.409
110	162	-.032	.116	.438	-.411
110	163	-.047	.121	.446	-.487
110	164	-.027	.120	.396	-.432
110	165	-.007	.124	.420	-.504
110	166	.155	.141	.733	-.324
110	167	.136	.130	.605	-.441
110	168	.059	.133	.581	-.379
110	169	.061	.116	.541	-.317
110	170	.024	.112	.430	-.339
110	171	-.001	.115	.341	-.367
110	172	.111	.148	.782	-.356
110	173	-.049	.142	.504	-.863
110	174	.011	.121	.625	-.394
110	175	-.015	.118	.500	-.455
110	176	-.011	.151	.594	-.598
110	177	-.103	.138	.321	-.573
110	178	-.047	.128	.335	-.508
110	179	-.054	.129	.331	-.516
110	180	.159	.158	.681	-.435
110	181	.174	.136	.733	-.241
110	182	.001	.125	.445	-.431
110	183	.034	.123	.465	-.386
110	184	.006	.126	.453	-.428
110	185	-.026	.116	.380	-.462
110	186	-.005	.118	.410	-.490
110	187	.025	.132	.477	-.446
110	188	.122	.151	.865	-.529
110	189	.098	.147	.908	-.386
110	190	-.008	.158	.466	-.647
110	191	.038	.139	.748	-.440
110	192	.002	.133	.512	-.462
110	193	.073	.155	.817	-.511
110	194	-.047	.114	.416	-.434
110	195	-.049	.112	.407	-.446
110	196	-.056	.114	.389	-.467
110	197	.178	.141	.800	-.240
110	198	.179	.129	.691	-.172
110	199	.116	.130	.578	-.300
110	200	.028	.118	.380	-.394
110	201	.019	.113	.432	-.337
110	202	-.002	.110	.427	-.363
110	203	-.010	.112	.402	-.364
110	204	.073	.124	.652	-.277
110	205	-.017	.148	.506	-.480
110	206	.026	.134	.532	-.367
110	207	-.022	.126	.423	-.446
110	208	.044	.129	.520	-.339
110	209	.038	.134	.545	-.398
110	210	.047	.134	.600	-.428
110	211	.052	.153	.985	-.457
110	212	-.041	.118	.307	-.429
110	213	-.048	.120	.320	-.498
110	214	.196	.151	.664	-.332
110	215	-.042	.130	.484	-.418
110	301	-.123	.140	.258	-.757
110	302	-.100	.124	.249	-.520
110	303	-.113	.098	.171	-.426
110	304	-.092	.130	.367	-.499
110	305	-.078	.125	.326	-.468
110	306	-.070	.122	.359	-.516
110	307	-.094	.130	.348	-.595
110	308	-.069	.122	.296	-.487
110	309	-.061	.118	.322	-.497
110	310	-.063	.121	.327	-.511
110	311	-.050	.116	.354	-.468
110	312	-.066	.133	.451	-.710
110	313	-.073	.136	.455	-.631
110	314	-.071	.132	.441	-.468
110	315	-.039	.114	.366	-.530
110	316	-.052	.122	.336	-.688
110	317	-.064	.121	.306	-.647
110	318	-.058	.121	.315	-.688
110	319	-.046	.120	.369	-.544
110	320	-.028	.124	.348	-.449

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	321	-.026	.121	.334	-.481
110	322	-.046	.129	.333	-.667
110	323	-.051	.130	.360	-.739
110	324	-.056	.126	.357	-.518
110	325	-.028	.120	.380	-.526
110	326	.013	.118	.388	-.402
110	327	.019	.119	.417	-.390
110	328	-.055	.129	.380	-.491
110	329	-.030	.122	.432	-.418
110	330	-.027	.122	.419	-.416
110	331	-.032	.124	.416	-.444
110	332	-.035	.112	.408	-.476
110	333	-.038	.115	.424	-.504
110	334	-.070	.118	.315	-.523
110	335	.011	.114	.432	-.470
110	336	.012	.115	.436	-.389
110	337	-.031	.111	.380	-.438
110	338	-.023	.112	.397	-.431
110	339	-.025	.114	.409	-.420
110	340	-.068	.126	.368	-.475
110	341	-.050	.122	.350	-.448
110	342	-.040	.122	.389	-.385
110	343	-.029	.124	.354	-.505
110	344	-.023	.119	.433	-.552
110	345	-.023	.117	.433	-.448
110	346	-.016	.120	.445	-.412
110	347	-.016	.120	.462	-.411
110	348	-.016	.114	.398	-.406
110	349	-.012	.115	.407	-.510
110	350	-.018	.117	.374	-.536
110	351	-.016	.117	.382	-.493
110	352	-.042	.118	.310	-.452
110	353	-.039	.116	.322	-.457
110	354	-.029	.117	.320	-.421
110	355	-.008	.119	.437	-.432
110	356	-.000	.115	.441	-.355
110	357	.004	.113	.429	-.333
110	358	.026	.118	.479	-.334
110	359	.017	.117	.462	-.337
110	360	.014	.118	.425	-.463
110	361	.021	.117	.512	-.468
110	362	-.001	.115	.373	-.478
110	363	.009	.116	.422	-.458
110	364	.002	.119	.426	-.364
110	365	-.019	.119	.402	-.509
110	366	.001	.120	.410	-.483
110	367	-.022	.128	.483	-.478
110	368	-.062	.119	.369	-.494
110	369	-.060	.118	.334	-.512
110	370	-.060	.119	.336	-.526

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	371	-.062	.133	.408	-.510
110	372	-.046	.126	.389	-.567
110	373	.052	.132	.542	-.319
110	374	-.002	.123	.481	-.391
110	375	-.000	.124	.429	-.392
110	376	-.036	.128	.377	-.436
110	377	-.043	.126	.369	-.435
110	401	-.102	.131	.304	-.536
110	402	-.156	.119	.179	-.527
110	403	-.066	.132	.351	-.575
110	404	-.146	.140	.353	-.603
110	405	-.052	.138	.360	-.540
110	406	-.157	.148	.355	-.647
110	407	-.138	.132	.287	-.713
110	408	-.149	.147	.286	-.693
110	409	-.032	.118	.370	-.412
110	410	-.023	.119	.405	-.389
110	411	.116	.155	.762	-.378
110	412	-.032	.127	.392	-.438
110	413	-.067	.124	.338	-.457
110	414	-.062	.123	.353	-.449
110	415	-.100	.126	.328	-.554
110	416	-.072	.131	.348	-.672
110	417	-.069	.129	.336	-.587
110	418	-.064	.130	.361	-.567
110	419	-.103	.124	.336	-.611
110	420	-.086	.124	.307	-.484
110	421	-.080	.123	.303	-.500
110	422	-.052	.132	.379	-.596
110	423	.031	.134	.539	-.449
110	424	-.027	.128	.404	-.487
110	425	-.037	.131	.429	-.568
110	426	-.114	.147	.322	-.682
110	427	-.052	.123	.410	-.474
110	428	-.028	.125	.463	-.455
110	429	-.060	.128	.421	-.494
110	430	-.063	.128	.447	-.466
110	431	-.079	.135	.453	-.519
110	432	-.197	.163	.203	-.889
110	433	-.006	.136	.462	-.520
110	434	-.016	.131	.391	-.464
110	435	-.041	.132	.414	-.495
110	436	-.091	.135	.331	-.603
110	437	-.088	.129	.320	-.525
110	438	-.075	.127	.350	-.599
110	439	-.025	.127	.434	-.540
110	440	-.008	.137	.508	-.506
110	441	-.023	.139	.373	-.661
110	442	-.077	.141	.383	-.590
110	443	-.115	.143	.331	-.667

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	444	-.032	.122	.382	-.459
110	445	-.097	.132	.333	-.772
110	446	-.025	.122	.344	-.464
110	447	-.020	.121	.361	-.431
110	448	-.042	.124	.422	-.459
110	449	-.045	.121	.406	-.440
110	450	-.033	.122	.427	-.433
110	451	-.152	.146	.315	-.689
110	452	.085	.130	.543	-.336
110	453	.067	.124	.582	-.326
110	454	.021	.119	.503	-.430
110	455	-.094	.121	.290	-.565
110	456	-.085	.114	.271	-.449
110	457	-.071	.111	.288	-.417
110	458	.026	.116	.424	-.371
110	459	.041	.119	.488	-.365
110	460	.025	.138	.423	-.694
110	461	-.076	.140	.346	-.653
110	462	-.092	.141	.350	-.664
110	463	-.029	.121	.337	-.476
110	464	-.028	.118	.417	-.440
110	465	-.040	.123	.496	-.648
110	466	-.012	.122	.516	-.467
110	467	-.038	.123	.609	-.484
110	468	-.051	.126	.419	-.539
110	469	-.058	.124	.394	-.545
110	470	-.066	.149	.432	-.676
110	471	-.014	.123	.436	-.509
110	472	-.048	.127	.353	-.462
110	473	-.064	.126	.325	-.479
110	474	-.057	.125	.341	-.475
110	475	.095	.150	.671	-.347
110	476	-.031	.122	.447	-.449
110	477	.001	.130	.499	-.434
110	478	.058	.127	.509	-.397
110	479	.097	.143	.702	-.339
110	480	-.016	.120	.422	-.402
110	481	.084	.128	.575	-.334
110	482	-.003	.120	.445	-.406
110	483	-.004	.119	.452	-.398
110	484	.004	.124	.426	-.383
110	485	-.013	.122	.341	-.404
110	486	-.010	.122	.357	-.397
110	487	-.029	.124	.352	-.407
110	488	-.063	.134	.411	-.489
110	489	-.044	.133	.420	-.468
110	490	-.030	.129	.469	-.425
110	491	-.034	.131	.489	-.444
110	492	.063	.129	.616	-.348
110	493	.077	.131	.492	-.346

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	494	.078	.141	.504	-.507
110	495	.020	.161	.448	-.660
110	496	-.059	.160	.482	-.746
110	501	-.045	.158	.634	-.545
110	502	.044	.226	1.050	-.636
110	503	.104	.207	1.079	-.493
110	504	.020	.138	.454	-.430
110	505	-.033	.159	.586	-.634
110	506	.187	.183	.906	-.573
110	507	.114	.193	.887	-.488
110	508	.154	.268	1.054	-.807
110	509	.022	.160	.869	-.570
110	510	-.038	.139	.406	-.625
110	511	-.120	.181	.450	-.758
110	512	.121	.179	.952	-.517
110	513	.238	.202	.997	-.463
110	514	.207	.206	.983	-.746
110	515	-.074	.164	.524	-.736
110	516	-.202	.192	.395	-1.293
110	517	-.051	.130	.455	-.465
110	518	.270	.184	1.261	-.261
110	519	.305	.200	1.147	-.340
110	520	.243	.236	1.026	-.738
110	521	-.119	.171	.463	-.885
110	522	-.176	.178	.480	-.865
110	523	.069	.149	.560	-.385
110	524	.281	.181	.840	-.446
110	525	.240	.194	.976	-.892
110	526	.260	.168	.828	-.534
110	527	-.105	.168	.372	-.870
110	528	-.145	.183	.454	-.860
110	529	.067	.143	.711	-.408
110	530	.232	.164	.983	-.294
110	531	.239	.196	1.204	-.423
110	532	.305	.159	.896	-.175
110	533	.218	.177	.821	-.428
110	534	.259	.152	.854	-.216
110	535	.312	.155	.907	-.170
110	536	.255	.168	.805	-.341
110	537	.279	.174	.963	-.225
110	538	.231	.177	.989	-.274
110	539	.200	.152	.865	-.282
110	540	.250	.171	1.000	-.287
110	541	.235	.159	.948	-.279
110	542	.217	.148	.879	-.247
110	543	.226	.161	.831	-.524
110	544	.217	.157	.813	-.302
110	545	.219	.153	.887	-.293
110	546	-.070	.165	.499	-.785
110	547	-.144	.181	.515	-.828
110	548	.034	.144	.701	-.400
110	549	.173	.146	.770	-.275
110	550	-.011	.151	.508	-.697
110	551	.190	.157	.831	-.303
110	552	.183	.161	.851	-.316
110	553	.208	.153	.898	-.262
110	554	.220	.128	.689	-.158
110	555	.194	.134	.681	-.211
110	556	.227	.138	.757	-.227
110	557	.219	.135	.757	-.242
110	558	.181	.142	.735	-.328
110	559	.205	.151	.755	-.334
110	560	.178	.146	.716	-.260
110	561	.221	.159	.813	-.382
110	562	.222	.155	.775	-.314
110	563	.177	.152	.676	-.280
110	564	-.061	.182	.405	-1.110
110	565	.190	.132	.627	-.299
110	566	.183	.133	.636	-.315
110	567	.064	.137	.515	-.407
110	568	.208	.145	.732	-.263
110	569	.188	.138	.651	-.246
110	570	.202	.145	.753	-.286
110	571	.204	.144	.708	-.288
110	572	.183	.136	.651	-.251
110	573	.191	.135	.603	-.237
110	574	.181	.132	.577	-.280
110	575	.206	.134	.612	-.246
110	576	.206	.151	.844	-.382
110	577	.069	.140	.525	-.434
110	578	-.003	.132	.515	-.401
110	579	-.021	.130	.391	-.475
110	580	.006	.137	.514	-.483
110	581	.127	.148	.754	-.413
110	582	.032	.142	.622	-.485
110	583	.019	.134	.510	-.477
110	584	-.045	.127	.439	-.460
110	585	.079	.116	.544	-.335
110	586	.078	.124	.483	-.318
110	901	-.150	.157	.378	-.678
110	902	-.127	.132	.334	-.557
110	903	-.030	.127	.370	-.476
110	904	-.099	.138	.371	-.562
110	905	-.056	.142	.476	-.689
110	906	-.184	.144	.255	-.857
110	907	-.110	.125	.350	-.517
110	908	.042	.148	.479	-.572
110	909	-.027	.124	.309	-.617
110	910	-.073	.141	.372	-.627
110	911	-.101	.142	.355	-.669
110	912	-.146	.139	.286	-.722
110	913	-.082	.124	.274	-.588
110	914	-.038	.126	.354	-.537
110	915	-.286	.173	.263	-.886
110	916	-.133	.134	.428	-.664
110	917	-.065	.129	.435	-.493
110	918	-.267	.183	.308	-.867
110	919	-.292	.198	.244	-1.053
110	920	.047	.142	.783	-.470
110	921	.221	.156	.792	-.249
110	922	.264	.157	.966	-.218
110	923	.257	.146	.818	-.188
110	924	.067	.201	.693	-.645
110	925	.119	.124	.559	-.228
110	926	.039	.120	.455	-.351
110	927	-.012	.117	.461	-.364
110	928	-.055	.119	.359	-.561
110	929	-.041	.125	.391	-.459
110	930	-.018	.116	.366	-.389
110	931	.202	.150	.859	-.309
110	932	.038	.178	.580	-.899
110	933	.109	.122	.533	-.307
110	935	.042	.122	.449	-.339
110	936	.000	.120	.443	-.385
110	937	-.022	.122	.384	-.386
110	938	.005	.200	.671	-.727
110	939	.102	.125	.494	-.341
110	940	.069	.118	.490	-.351
110	941	.046	.117	.462	-.346
110	942	.005	.117	.400	-.384
110	943	.036	.177	.622	-.628
110	944	.103	.123	.494	-.335
110	945	.067	.120	.488	-.376
110	946	.041	.120	.414	-.438
110	947	.009	.119	.447	-.386
110	948	.155	.140	.704	-.350
110	949	.103	.123	.525	-.362
110	950	.054	.118	.469	-.369
110	951	.047	.122	.459	-.342
110	952	.042	.122	.446	-.383
110	953	.142	.131	.592	-.298
110	954	.085	.123	.534	-.288
110	955	.058	.124	.456	-.393
110	956	.040	.120	.422	-.393
110	957	.049	.126	.465	-.391
110	958	.067	.124	.435	-.418
110	959	.006	.128	.455	-.450
110	960	.090	.157	.637	-.415
110	961	-.024	.128	.367	-.436
110	962	.029	.130	.458	-.433

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	963	.016	.132	.426	-.446
110	964	.104	.142	.575	-.307
110	965	-.061	.152	.470	-.672
110	966	.091	.144	.739	-.377
110	967	.065	.123	.549	-.317
110	968	.073	.124	.600	-.322
110	969	-.072	.140	.375	-.651
110	970	.101	.132	.582	-.392
110	971	.057	.127	.497	-.417
110	972	.058	.127	.494	-.375
110	973	-.029	.145	.459	-.545
110	974	.019	.132	.534	-.427
110	975	-.160	.153	.405	-1.209
110	976	-.061	.133	.420	-.620
110	977	.172	.139	.678	-.336
110	978	.108	.143	.552	-.360
110	979	.102	.131	.575	-.321
110	980	.018	.124	.413	-.375
110	981	.054	.119	.449	-.334
110	982	.023	.117	.411	-.394
110	983	.049	.154	.708	-.464
110	984	.011	.130	.436	-.400
110	985	.083	.126	.518	-.326
110	986	-.056	.123	.496	-.492
120	1	-.170	.174	.330	-.936
120	2	-.108	.137	.302	-.774
120	3	-.239	.166	.914	-.412
120	4	-.072	.176	.481	-.707
120	5	-.046	.153	.407	-.921
120	6	-.030	.149	.459	-.814
120	7	-.068	.151	.749	-.479
120	8	-.020	.137	.412	-.580
120	9	.045	.136	.587	-.451
120	10	-.142	.178	.465	-.883
120	11	-.062	.143	.468	-.551
120	12	.062	.122	.508	-.350
120	13	.033	.123	.417	-.459
120	14	.044	.116	.428	-.421
120	15	.191	.134	.634	-.330
120	16	.171	.130	.587	-.377
120	17	.212	.130	.652	-.217
120	18	.225	.128	.702	-.179
120	101	-.160	.158	.494	-.862
120	102	-.041	.129	.414	-.462
120	103	-.070	.180	.448	-.697
120	104	-.057	.144	.418	-.658
120	105	-.142	.149	.327	-.665
120	106	-.068	.133	.389	-.491
120	107	.012	.128	.466	-.417
120	108	-.107	.186	.560	-1.103
120	109	.024	.136	.482	-.672
120	110	.025	.122	.417	-.400
120	111	-.001	.138	.518	-.533
120	112	.149	.175	.806	-.405
120	113	.022	.133	.431	-.484
120	114	.029	.132	.463	-.474
120	115	-.047	.145	.474	-.621
120	116	-.045	.127	.370	-.456
120	117	-.052	.130	.363	-.481
120	118	.094	.164	.891	-.508
120	119	.003	.124	.469	-.464
120	120	-.021	.215	.648	-.799
120	121	.085	.164	.586	-.626
120	122	.071	.126	.626	-.366
120	123	.073	.147	.570	-.477
120	124	.049	.144	.543	-.463
120	125	.031	.144	.553	-.491
120	126	.003	.147	.542	-.543
120	127	.012	.126	.445	-.406
120	128	.001	.125	.435	-.445
120	129	.025	.126	.440	-.386
120	130	.015	.129	.434	-.452
120	131	-.033	.219	.704	-.899
120	132	.020	.126	.663	-.407
120	133	.091	.209	.912	-.611
120	134	.018	.167	.559	-.589
120	135	.095	.129	.549	-.412
120	136	.093	.124	.512	-.326
120	137	.061	.121	.520	-.316
120	138	.031	.119	.502	-.352
120	139	.012	.109	.424	-.373
120	140	-.011	.112	.418	-.396
120	141	-.011	.113	.422	-.379
120	142	.005	.117	.444	-.392
120	143	-.018	.120	.414	-.443
120	144	.097	.168	.759	-.559
120	145	-.024	.118	.379	-.421
120	146	-.018	.119	.371	-.444
120	147	.185	.170	1.184	-.391
120	148	-.019	.128	.489	-.461
120	149	.024	.125	.445	-.537
120	150	.261	.185	.933	-.355
120	151	-.013	.132	.388	-.438
120	152	.175	.191	.885	-.571
120	153	-.016	.105	.485	-.326
120	154	-.000	.104	.448	-.353
120	155	.007	.103	.409	-.306
120	156	.010	.103	.452	-.326
120	157	.018	.113	.418	-.384
120	158	.012	.109	.418	-.370
120	159	.007	.114	.463	-.400
120	160	-.009	.111	.424	-.394
120	161	-.004	.119	.378	-.431
120	162	-.018	.117	.342	-.430
120	163	-.013	.119	.355	-.423
120	164	.008	.119	.372	-.429
120	165	.012	.116	.421	-.385
120	166	.111	.130	.633	-.361
120	167	.118	.124	.679	-.341
120	168	.028	.121	.529	-.375
120	169	.019	.121	.454	-.405
120	170	.005	.118	.347	-.376
120	171	-.005	.119	.314	-.374
120	172	.068	.147	.854	-.397
120	173	-.049	.135	.461	-.542
120	174	-.017	.118	.454	-.414
120	175	-.027	.113	.402	-.406
120	176	-.027	.122	.365	-.552
120	177	-.036	.132	.371	-.531
120	178	-.019	.126	.390	-.462
120	179	-.020	.127	.402	-.468
120	180	.137	.146	.540	-.386
120	181	.144	.122	.673	-.282
120	182	-.045	.118	.520	-.521
120	183	.012	.108	.418	-.382
120	184	.003	.106	.427	-.373
120	185	-.002	.105	.354	-.362
120	186	-.004	.108	.371	-.350
120	187	.003	.116	.463	-.478
120	188	.061	.135	.657	-.388
120	189	.061	.139	.661	-.394
120	190	-.010	.135	.484	-.614
120	191	.021	.120	.549	-.386
120	192	-.004	.117	.407	-.446
120	193	.028	.125	.647	-.385
120	194	-.012	.110	.335	-.367
120	195	-.004	.113	.352	-.354
120	196	-.012	.114	.354	-.380
120	197	.140	.129	.699	-.295
120	198	.143	.123	.691	-.275
120	199	.091	.130	.568	-.276
120	200	-.004	.116	.406	-.373
120	201	-.007	.115	.398	-.451
120	202	-.009	.114	.381	-.401
120	203	-.002	.114	.420	-.369
120	204	.046	.136	.579	-.400
120	205	-.029	.136	.418	-.564
120	206	-.002	.127	.507	-.506
120	207	-.023	.121	.413	-.502
120	208	.003	.122	.427	-.467

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	209	-.002	.123	.491	-.355
120	210	-.013	.122	.393	-.442
120	211	.004	.126	.408	-.426
120	212	-.013	.122	.372	-.435
120	213	-.018	.125	.387	-.465
120	214	.164	.187	.867	-.554
120	215	-.013	.137	.453	-.467
120	301	-.035	.116	.430	-.546
120	302	-.015	.108	.457	-.419
120	303	-.029	.084	.290	-.296
120	304	-.010	.117	.384	-.475
120	305	-.003	.113	.387	-.424
120	306	-.002	.112	.372	-.406
120	307	-.029	.119	.388	-.475
120	308	-.018	.120	.432	-.459
120	309	-.020	.117	.430	-.441
120	310	-.023	.117	.432	-.468
120	311	-.006	.113	.404	-.485
120	312	-.031	.140	.405	-.515
120	313	-.037	.142	.408	-.532
120	314	-.026	.137	.459	-.529
120	315	.012	.121	.435	-.343
120	316	-.014	.128	.447	-.705
120	317	-.015	.124	.384	-.479
120	318	-.020	.127	.428	-.474
120	319	-.027	.136	.433	-.570
120	320	-.013	.120	.386	-.483
120	321	-.004	.117	.387	-.442
120	322	-.012	.126	.413	-.590
120	323	-.015	.127	.430	-.548
120	324	-.010	.126	.402	-.423
120	325	.010	.118	.366	-.403
120	326	-.019	.123	.359	-.427
120	327	-.011	.123	.358	-.423
120	328	-.032	.119	.422	-.557
120	329	.010	.117	.412	-.482
120	330	.003	.117	.431	-.445
120	331	.002	.123	.454	-.469
120	332	.004	.117	.421	-.496
120	333	.012	.120	.497	-.395
120	334	-.013	.114	.416	-.394
120	335	-.011	.115	.422	-.397
120	336	-.017	.120	.438	-.414
120	337	.014	.115	.415	-.368
120	338	.015	.116	.452	-.407
120	339	.010	.118	.455	-.366
120	340	-.017	.116	.434	-.411
120	341	-.001	.114	.432	-.427
120	342	-.003	.113	.458	-.395
120	343	-.001	.114	.463	-.498
120	344	-.005	.124	.406	-.381
120	345	.009	.118	.416	-.334
120	346	.014	.119	.428	-.418
120	347	.011	.120	.433	-.390
120	348	.004	.125	.459	-.443
120	349	.027	.125	.415	-.419
120	350	.015	.127	.510	-.401
120	351	.010	.126	.482	-.415
120	352	-.010	.112	.392	-.371
120	353	.008	.111	.418	-.392
120	354	.007	.112	.399	-.372
120	355	.027	.112	.461	-.344
120	356	.049	.128	.595	-.398
120	357	.062	.125	.550	-.363
120	358	.095	.130	.668	-.359
120	359	.075	.129	.580	-.359
120	360	.069	.117	.447	-.308
120	361	.093	.118	.508	-.322
120	362	.056	.114	.405	-.355
120	363	.069	.119	.501	-.330
120	364	.029	.116	.432	-.501
120	365	-.013	.112	.450	-.485
120	366	-.010	.114	.498	-.476
120	367	-.009	.118	.505	-.500
120	368	-.033	.126	.398	-.410
120	369	-.019	.126	.394	-.412
120	370	-.028	.127	.418	-.408
120	371	-.029	.135	.440	-.479
120	372	-.025	.127	.400	-.462
120	373	.030	.129	.517	-.407
120	374	.006	.126	.464	-.444
120	375	.014	.127	.491	-.454
120	376	.009	.119	.416	-.398
120	377	.020	.117	.412	-.383
120	401	-.026	.121	.472	-.474
120	402	-.100	.116	.290	-.528
120	403	-.008	.117	.408	-.454
120	404	-.049	.119	.375	-.567
120	405	.023	.120	.561	-.442
120	406	-.055	.123	.382	-.560
120	407	-.066	.136	.374	-.549
120	408	-.044	.142	.506	-.604
120	409	.018	.124	.419	-.384
120	410	.029	.124	.441	-.381
120	411	.226	.178	1.017	-.316
120	412	.030	.127	.539	-.435
120	413	-.008	.124	.479	-.458
120	414	.000	.123	.477	-.491
120	415	-.017	.127	.465	-.569
120	416	.041	.119	.463	-.336
120	417	.040	.117	.441	-.353
120	418	.039	.118	.419	-.364
120	419	.005	.116	.438	-.443
120	420	.002	.128	.501	-.382
120	421	.005	.124	.485	-.374
120	422	.011	.126	.446	-.437
120	423	.087	.145	.693	-.370
120	424	.017	.129	.458	-.507
120	425	.016	.130	.522	-.510
120	426	-.074	.151	.454	-.719
120	427	.005	.127	.486	-.398
120	428	.028	.125	.413	-.435
120	429	.015	.124	.394	-.426
120	430	.012	.125	.388	-.436
120	431	.015	.124	.407	-.422
120	432	-.056	.136	.380	-.606
120	433	.069	.133	.504	-.483
120	434	.060	.129	.483	-.454
120	435	.038	.127	.446	-.415
120	436	-.007	.121	.413	-.483
120	437	-.005	.120	.398	-.426
120	438	-.002	.120	.403	-.428
120	439	.016	.121	.420	-.394
120	440	.034	.129	.466	-.440
120	441	.029	.132	.450	-.658
120	442	-.016	.142	.463	-.535
120	443	-.087	.146	.382	-.622
120	444	.003	.120	.480	-.366
120	445	-.078	.128	.324	-.560
120	446	.012	.120	.454	-.439
120	447	.024	.117	.459	-.357
120	448	.006	.113	.426	-.401
120	449	.009	.110	.443	-.343
120	450	.026	.113	.460	-.351
120	451	-.023	.130	.509	-.583
120	452	.131	.127	.622	-.253
120	453	.117	.122	.543	-.283
120	454	.078	.122	.494	-.334
120	455	-.015	.124	.425	-.391
120	456	-.021	.127	.360	-.502
120	457	-.012	.125	.372	-.481
120	458	.062	.125	.448	-.436
120	459	.081	.131	.459	-.436
120	460	.085	.128	.595	-.419
120	461	-.007	.138	.411	-.645
120	462	-.049	.135	.366	-.632
120	463	.083	.125	.504	-.393
120	464	.039	.139	.479	-.494
120	465	.007	.140	.490	-.535
120	466	.024	.128	.452	-.540

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	467	.060	.152	.532	-.511
120	468	.017	.123	.571	-.445
120	469	.008	.120	.568	-.449
120	470	-.003	.142	.538	-.641
120	471	.024	.117	.519	-.532
120	472	.029	.137	.472	-.374
120	473	-.005	.128	.436	-.394
120	474	.004	.129	.402	-.393
120	475	.155	.138	.717	-.241
120	476	.011	.131	.415	-.395
120	477	.055	.140	.438	-.370
120	478	.102	.133	.501	-.334
120	479	.150	.143	.685	-.364
120	480	.018	.120	.416	-.422
120	481	.124	.119	.532	-.301
120	482	.031	.121	.437	-.420
120	483	.032	.118	.427	-.415
120	484	.053	.130	.423	-.430
120	485	.045	.127	.449	-.442
120	486	.040	.129	.438	-.453
120	487	.019	.130	.413	-.471
120	488	-.011	.157	.672	-.644
120	489	.060	.169	.711	-.515
120	490	.015	.139	.490	-.505
120	491	.010	.140	.471	-.503
120	492	.124	.133	.584	-.287
120	493	.123	.130	.647	-.324
120	494	.125	.135	.637	-.359
120	495	.081	.153	.634	-.618
120	496	.008	.171	.540	-1.625
120	501	.058	.149	.583	-.554
120	502	.169	.208	1.015	-.664
120	503	.082	.162	.744	-.430
120	504	.081	.137	.664	-.430
120	505	.009	.172	.739	-.571
120	506	.109	.181	1.153	-.523
120	507	.173	.173	1.005	-.419
120	508	.195	.229	1.276	-.627
120	509	.074	.143	.639	-.406
120	510	-.012	.135	.466	-.546
120	511	-.045	.185	.578	-.888
120	512	.189	.185	.947	-.390
120	513	.245	.196	.953	-.358
120	514	.075	.221	.776	-.834
120	515	.012	.163	.552	-.705
120	516	-.106	.250	.696	-1.192
120	517	.024	.129	.459	-.394
120	518	.335	.187	1.026	-.217
120	519	.294	.184	1.182	-.267
120	520	.065	.267	.894	-.945
120	521	-.022	.185	.508	-1.067
120	522	-.096	.227	.617	-1.013
120	523	.157	.178	.832	-.363
120	524	.278	.180	.931	-.269
120	525	.096	.265	.889	-1.275
120	526	.166	.241	.871	-1.068
120	527	-.029	.169	.631	-.721
120	528	-.076	.232	.637	-1.064
120	529	.151	.170	.791	-.478
120	530	.278	.162	.951	-.217
120	531	.251	.176	.967	-.355
120	532	.252	.162	.886	-.414
120	533	.135	.177	.860	-.512
120	534	.220	.160	.901	-.265
120	535	.274	.157	.942	-.277
120	536	.220	.165	.872	-.392
120	537	.302	.165	.958	-.168
120	538	.222	.169	.828	-.309
120	539	.191	.151	.750	-.324
120	540	.272	.159	.874	-.198
120	541	.244	.153	.869	-.320
120	542	.229	.153	.909	-.259
120	543	.198	.176	.992	-.462
120	544	.177	.158	.959	-.353
120	545	.218	.155	.903	-.280
120	546	-.007	.174	.492	-.725
120	547	-.052	.203	.567	-.841
120	548	.106	.160	.665	-.369
120	549	.219	.156	.799	-.259
120	550	.050	.154	.524	-.523
120	551	.250	.147	.800	-.250
120	552	.249	.151	.782	-.291
120	553	.248	.149	.867	-.272
120	554	.211	.145	.704	-.368
120	555	.199	.144	.657	-.391
120	556	.202	.152	.720	-.361
120	557	.191	.148	.707	-.308
120	558	.186	.151	.924	-.268
120	559	.193	.146	.731	-.242
120	560	.198	.140	.633	-.208
120	561	.192	.161	.913	-.297
120	562	.185	.155	.804	-.282
120	563	.219	.145	.629	-.262
120	564	.012	.221	.735	-.883
120	565	.257	.155	.842	-.253
120	566	.256	.156	.841	-.263
120	567	.141	.164	.800	-.348
120	568	.230	.153	.854	-.300
120	569	.205	.145	.772	-.311
120	570	.226	.151	.839	-.298
120	571	.224	.150	.870	-.299
120	572	.201	.134	.660	-.242
120	573	.187	.134	.623	-.379
120	574	.185	.131	.636	-.296
120	575	.208	.130	.665	-.185
120	576	.196	.143	.671	-.249
120	577	.010	.146	.558	-.493
120	578	-.021	.139	.478	-.476
120	579	-.023	.139	.481	-.505
120	580	-.009	.132	.426	-.479
120	581	.059	.138	.571	-.479
120	582	.009	.129	.466	-.454
120	583	-.002	.130	.425	-.462
120	584	.022	.128	.434	-.447
120	585	.037	.119	.447	-.379
120	586	.050	.121	.498	-.385
120	901	-.025	.170	.595	-.738
120	902	.009	.125	.473	-.492
120	903	.061	.122	.467	-.368
120	904	-.015	.123	.410	-.515
120	905	.026	.121	.419	-.435
120	906	-.133	.141	.268	-.787
120	907	-.013	.120	.374	-.441
120	908	.009	.152	.507	-.578
120	909	.042	.100	.347	-.254
120	910	.004	.128	.427	-.451
120	911	.030	.143	.498	-.433
120	912	-.005	.129	.496	-.460
120	913	.028	.122	.433	-.431
120	914	.069	.125	.488	-.450
120	915	-.184	.155	.310	-.801
120	916	-.003	.121	.379	-.450
120	917	.019	.128	.433	-.463
120	918	-.162	.162	.629	-.748
120	919	-.111	.169	.356	-.926
120	920	.113	.137	.692	-.384
120	921	.293	.161	.836	-.204
120	922	.268	.178	1.004	-.262
120	923	.227	.161	.887	-.431
120	924	.010	.202	.616	-.882
120	925	.103	.126	.497	-.318
120	926	.041	.119	.424	-.369
120	927	-.000	.117	.454	-.401
120	928	.017	.116	.499	-.382
120	929	.002	.130	.434	-.440
120	930	.057	.119	.533	-.319
120	931	.211	.133	.750	-.435
120	932	-.015	.192	.593	-.887
120	933	.100	.123	.510	-.391
120	935	.035	.115	.391	-.321

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	936	.016	.115	.384	-.392
120	937	-.045	.120	.455	-.403
120	938	-.058	.195	.620	-.978
120	939	.087	.129	.575	-.299
120	940	.071	.123	.507	-.328
120	941	.026	.122	.451	-.365
120	942	.004	.125	.432	-.416
120	943	-.034	.179	.553	-.832
120	944	.104	.122	.522	-.346
120	945	.045	.120	.527	-.344
120	946	.032	.120	.476	-.403
120	947	-.013	.118	.360	-.411
120	948	.147	.136	.689	-.361
120	949	.081	.119	.460	-.429
120	950	.047	.115	.420	-.422
120	951	.022	.117	.399	-.354
120	952	.060	.117	.462	-.325
120	953	.128	.129	.579	-.338
120	954	.084	.118	.423	-.301
120	955	.034	.117	.410	-.495
120	956	.043	.113	.386	-.487
120	957	.031	.131	.474	-.399
120	958	.041	.131	.486	-.394
120	959	.023	.133	.475	-.419
120	960	.053	.147	.548	-.481
120	961	-.002	.133	.434	-.443
120	962	.001	.123	.446	-.376
120	963	-.012	.123	.399	-.369
120	964	.062	.132	.656	-.362
120	965	-.083	.143	.406	-.644
120	966	.069	.150	.611	-.502
120	967	.044	.130	.551	-.453
120	968	.045	.130	.547	-.464
120	969	-.101	.143	.424	-.624
120	970	.082	.130	.502	-.341
120	971	.013	.126	.421	-.428
120	972	.019	.125	.491	-.412
120	973	-.048	.138	.452	-.479
120	974	.005	.131	.549	-.441
120	975	-.057	.140	.548	-.759
120	976	-.009	.132	.592	-.428
120	977	.171	.145	.701	-.312
120	978	.107	.132	.521	-.400
120	979	.086	.144	.595	-.568
120	980	-.014	.139	.467	-.467
120	981	.020	.131	.449	-.401
120	982	.003	.131	.479	-.432
120	983	-.002	.150	.521	-.580
120	984	-.000	.130	.615	-.417
120	985	.039	.131	.521	-.382
120	986	-.011	.121	.395	-.434
130	1	-.212	.197	.387	-.992
130	2	-.134	.153	.348	-.805
130	3	.203	.157	.794	-.368
130	4	-.100	.199	.424	-1.098
130	5	.060	.130	.505	-.400
130	6	.084	.116	.469	-.284
130	7	.060	.124	.510	-.434
130	8	.095	.120	.481	-.331
130	9	.128	.126	.579	-.404
130	10	.017	.152	.395	-.583
130	11	.066	.133	.416	-.437
130	12	.099	.116	.589	-.389
130	13	.075	.116	.549	-.332
130	14	.089	.111	.496	-.303
130	15	.194	.139	.621	-.313
130	16	.166	.127	.580	-.305
130	17	.253	.140	.846	-.237
130	18	.190	.137	.679	-.354
130	101	-.125	.158	.324	-.784
130	102	.021	.124	.412	-.483
130	103	-.012	.173	.543	-.826
130	104	-.021	.145	.487	-.475
130	105	-.091	.148	.469	-.637
130	106	.004	.137	.522	-.446
130	107	.054	.141	.533	-.434
130	108	-.137	.156	.326	-.850
130	109	-.028	.171	.404	-.904
130	110	.003	.154	.515	-.828
130	111	.009	.137	.503	-.615
130	112	.108	.165	.845	-.610
130	113	.038	.126	.557	-.441
130	114	.044	.124	.537	-.386
130	115	-.043	.152	.496	-.581
130	116	.011	.134	.431	-.456
130	117	.021	.135	.465	-.452
130	118	.100	.142	.755	-.362
130	119	.070	.119	.441	-.334
130	120	-.142	.162	.436	-.749
130	121	-.013	.168	.470	-.535
130	122	.046	.128	.436	-.542
130	123	.050	.141	.465	-.436
130	124	.038	.132	.412	-.447
130	125	.042	.131	.419	-.379
130	126	.035	.132	.430	-.395
130	127	.055	.126	.429	-.368
130	128	.047	.124	.418	-.349
130	129	.081	.126	.475	-.338
130	130	.065	.129	.457	-.346
130	131	-.145	.190	.492	-.987
130	132	.073	.118	.500	-.380
130	133	-.099	.240	.662	-1.280
130	134	-.073	.163	.436	-.864
130	135	.049	.130	.530	-.388
130	136	.046	.127	.459	-.395
130	137	.050	.125	.422	-.423
130	138	.046	.125	.528	-.398
130	139	.052	.139	.514	-.411
130	140	.047	.139	.531	-.402
130	141	.061	.141	.549	-.401
130	142	.081	.141	.569	-.364
130	143	.052	.127	.530	-.325
130	144	-.010	.171	.524	-.607
130	145	.040	.132	.504	-.353
130	146	.045	.131	.503	-.395
130	147	.052	.177	.620	-.541
130	148	.057	.125	.520	-.424
130	149	.061	.130	.483	-.331
130	150	.207	.151	.730	-.308
130	151	.065	.138	.561	-.435
130	152	.108	.158	.621	-.427
130	153	.028	.131	.537	-.437
130	154	.068	.131	.653	-.346
130	155	.073	.128	.602	-.315
130	156	.070	.126	.525	-.319
130	157	.037	.124	.461	-.383
130	158	.037	.120	.466	-.391
130	159	.039	.129	.448	-.446
130	160	.036	.127	.437	-.469
130	161	.046	.128	.526	-.408
130	162	.042	.126	.519	-.365
130	163	.050	.125	.512	-.366
130	164	.074	.128	.562	-.346
130	165	.084	.130	.498	-.390
130	166	.101	.125	.569	-.324
130	167	.122	.126	.582	-.405
130	168	.009	.134	.466	-.532
130	169	.023	.124	.412	-.384
130	170	.028	.120	.422	-.398
130	171	.029	.124	.406	-.418
130	172	.040	.135	.478	-.445
130	173	.019	.137	.498	-.417
130	174	.027	.136	.466	-.459
130	175	.035	.133	.488	-.400
130	176	.022	.144	.459	-.618
130	177	.056	.139	.662	-.394
130	178	.073	.138	.540	-.373
130	179	.076	.137	.546	-.375
130	180	.122	.137	.584	-.301
130	181	.153	.127	.578	-.333

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	182	.069	.144	.344	-.686	130	317	.051	.123	.419	-.464	130	367	.045	.123	.487	-.352
130	183	.013	.130	.398	-.538	130	318	.051	.124	.419	-.444	130	368	.048	.120	.525	-.424
130	184	.042	.128	.442	-.486	130	319	.049	.124	.428	-.368	130	369	.056	.118	.515	-.367
130	185	.038	.124	.501	-.342	130	320	.045	.128	.474	-.393	130	370	.058	.119	.498	-.426
130	186	.011	.129	.548	-.391	130	321	.053	.126	.469	-.378	130	371	.029	.120	.448	-.355
130	187	.014	.130	.503	-.423	130	322	.067	.127	.537	-.377	130	372	.039	.135	.503	-.394
130	188	.021	.135	.554	-.491	130	323	.060	.128	.548	-.374	130	373	.052	.132	.511	-.336
130	189	.023	.127	.575	-.414	130	324	.055	.118	.437	-.292	130	374	.018	.131	.456	-.496
130	190	.020	.125	.553	-.396	130	325	.044	.116	.424	-.286	130	375	.040	.131	.474	-.391
130	191	.037	.123	.591	-.338	130	326	.033	.121	.492	-.333	130	376	.062	.118	.411	-.349
130	192	.029	.127	.593	-.412	130	327	.038	.122	.499	-.321	130	377	.072	.118	.417	-.321
130	193	.034	.136	.497	-.395	130	328	.040	.131	.509	-.391	130	401	.037	.121	.392	-.422
130	194	.028	.145	.548	-.539	130	329	.036	.133	.503	-.607	130	402	-.015	.113	.300	-.489
130	195	.080	.139	.542	-.338	130	330	.056	.127	.495	-.358	130	403	.044	.124	.435	-.407
130	196	.076	.142	.549	-.357	130	331	.058	.127	.495	-.334	130	404	.011	.123	.487	-.437
130	197	.136	.132	.592	-.339	130	332	.051	.116	.429	-.403	130	405	.082	.128	.634	-.383
130	198	.146	.128	.550	-.328	130	333	.051	.118	.455	-.372	130	406	.032	.127	.464	-.427
130	199	.115	.137	.665	-.363	130	334	.062	.120	.477	-.345	130	407	-.013	.135	.619	-.575
130	200	.015	.134	.469	-.431	130	335	.032	.119	.454	-.388	130	408	.020	.149	.607	-.542
130	201	.015	.123	.451	-.387	130	336	.044	.125	.613	-.371	130	409	.068	.128	.622	-.415
130	202	.033	.121	.435	-.382	130	337	.075	.123	.606	-.360	130	410	.074	.129	.632	-.416
130	203	.043	.122	.449	-.378	130	338	.074	.124	.585	-.368	130	411	.281	.162	.915	-.238
130	204	.033	.126	.407	-.382	130	339	.071	.125	.613	-.372	130	412	.067	.120	.479	-.316
130	205	.034	.128	.497	-.642	130	340	.076	.144	.622	-.359	130	413	.031	.118	.452	-.342
130	206	.034	.124	.514	-.427	130	341	.085	.141	.648	-.351	130	414	.041	.116	.458	-.328
130	207	.035	.128	.485	-.486	130	342	.084	.140	.640	-.363	130	415	.039	.115	.413	-.337
130	208	.058	.127	.511	-.349	130	343	.087	.138	.613	-.371	130	416	.088	.125	.504	-.331
130	209	.042	.134	.434	-.423	130	344	.076	.130	.560	-.376	130	417	.082	.119	.480	-.311
130	210	.038	.123	.437	-.351	130	345	.073	.128	.547	-.355	130	418	.075	.119	.458	-.320
130	211	.043	.126	.460	-.451	130	346	.066	.128	.547	-.433	130	419	.049	.116	.448	-.325
130	212	.042	.136	.590	-.368	130	347	.067	.130	.554	-.450	130	420	.050	.123	.479	-.412
130	213	.071	.134	.557	-.422	130	348	.054	.135	.497	-.444	130	421	.053	.120	.474	-.414
130	214	.100	.155	.590	-.409	130	349	.043	.134	.453	-.467	130	422	.041	.121	.472	-.402
130	215	.056	.129	.516	-.436	130	350	.044	.137	.424	-.473	130	423	.136	.150	.755	-.509
130	301	.018	.126	.421	-.380	130	351	.043	.137	.490	-.483	130	424	.031	.124	.460	-.513
130	302	.044	.120	.412	-.380	130	352	.095	.138	.675	-.366	130	425	.049	.120	.467	-.417
130	303	.023	.096	.288	-.271	130	353	.097	.136	.602	-.352	130	426	-.068	.154	.401	-.758
130	304	.045	.123	.442	-.462	130	354	.098	.132	.597	-.360	130	427	.046	.120	.436	-.337
130	305	.047	.120	.412	-.447	130	355	.108	.132	.560	-.354	130	428	.065	.120	.604	-.324
130	306	.050	.123	.426	-.469	130	356	.109	.129	.529	-.400	130	429	.060	.119	.617	-.361
130	307	.039	.126	.447	-.483	130	357	.106	.126	.516	-.383	130	430	.055	.120	.614	-.373
130	308	.049	.138	.543	-.359	130	358	.137	.131	.721	-.365	130	431	.064	.118	.594	-.351
130	309	.037	.135	.535	-.365	130	359	.128	.130	.584	-.391	130	432	.068	.128	.507	-.431
130	310	.053	.139	.525	-.469	130	360	.120	.140	.722	-.353	130	433	.133	.134	.574	-.346
130	311	.057	.136	.530	-.367	130	361	.125	.141	.630	-.354	130	434	.119	.129	.564	-.336
130	312	.034	.132	.496	-.443	130	362	.079	.132	.549	-.383	130	435	.087	.125	.559	-.340
130	313	.030	.132	.481	-.462	130	363	.104	.140	.666	-.372	130	436	.047	.112	.441	-.312
130	314	.040	.131	.477	-.465	130	364	.055	.121	.505	-.345	130	437	.056	.112	.450	-.277
130	315	.052	.112	.414	-.374	130	365	.034	.123	.505	-.443	130	438	.080	.112	.435	-.281
130	316	.049	.126	.418	-.675	130	366	.046	.120	.492	-.334	130	439	.063	.114	.460	-.295

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	440	.067	.119	.496	-.338
130	441	.074	.119	.472	-.356
130	442	.048	.131	.510	-.510
130	443	-.045	.142	.440	-.605
130	444	.051	.114	.412	-.371
130	445	-.021	.141	.617	-.761
130	446	.052	.113	.417	-.379
130	447	.057	.112	.436	-.400
130	448	.062	.116	.475	-.380
130	449	.071	.115	.474	-.317
130	450	.085	.118	.508	-.316
130	451	.084	.126	.567	-.351
130	452	.168	.134	.615	-.309
130	453	.167	.128	.586	-.280
130	454	.133	.131	.578	-.289
130	455	.047	.128	.487	-.361
130	456	.063	.110	.471	-.290
130	457	.077	.109	.469	-.304
130	458	.118	.107	.505	-.233
130	459	.132	.110	.506	-.258
130	460	.119	.125	.531	-.357
130	461	.076	.142	.554	-.487
130	462	.004	.140	.461	-.607
130	463	.159	.123	.530	-.282
130	464	.103	.134	.597	-.339
130	465	.072	.138	.569	-.356
130	466	.056	.124	.491	-.398
130	467	.134	.147	.615	-.332
130	468	.111	.150	.570	-.384
130	469	.101	.141	.525	-.404
130	470	.071	.162	.558	-.538
130	471	.059	.125	.466	-.392
130	472	.109	.130	.553	-.339
130	473	.073	.121	.485	-.361
130	474	.076	.119	.451	-.364
130	475	.177	.133	.637	-.309
130	476	.033	.115	.396	-.366
130	477	.086	.123	.495	-.329
130	478	.126	.118	.491	-.302
130	479	.171	.126	.626	-.317
130	480	.049	.120	.480	-.335
130	481	.160	.121	.571	-.197
130	482	.056	.119	.435	-.355
130	483	.060	.118	.448	-.359
130	484	.082	.123	.465	-.322
130	485	.077	.120	.435	-.317
130	486	.076	.122	.464	-.307
130	487	.060	.124	.411	-.330
130	488	.010	.150	.722	-.531
130	489	.098	.152	.748	-.353

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	490	.053	.130	.505	-.422
130	491	.057	.130	.512	-.409
130	492	.150	.122	.663	-.285
130	493	.147	.124	.607	-.305
130	494	.146	.126	.625	-.291
130	495	.133	.141	.754	-.529
130	496	.092	.171	.597	-.845
130	501	.094	.141	.622	-.412
130	502	.214	.190	1.015	-.382
130	503	.123	.165	.787	-.393
130	504	.119	.132	.553	-.319
130	505	.067	.171	.758	-.478
130	506	.081	.193	.931	-.611
130	507	.206	.170	.864	-.304
130	508	.122	.183	.769	-.692
130	509	.123	.140	.602	-.378
130	510	.047	.142	.605	-.500
130	511	.111	.197	.848	-.513
130	512	.231	.166	.952	-.207
130	513	.232	.166	.816	-.226
130	514	-.022	.201	.564	-.947
130	515	.087	.149	.719	-.396
130	516	.055	.230	.741	-.925
130	517	.056	.114	.431	-.337
130	518	.341	.179	1.215	-.248
130	519	.233	.171	.995	-.318
130	520	-.076	.219	.695	-.808
130	521	.094	.153	.733	-.692
130	522	.062	.216	.885	-.809
130	523	.236	.171	.952	-.245
130	524	.215	.179	.991	-.450
130	525	-.053	.269	.806	-1.417
130	526	.009	.280	.773	-1.249
130	527	.076	.176	.660	-.545
130	528	.027	.212	.679	-.895
130	529	.211	.159	.800	-.256
130	530	.297	.166	1.124	-.161
130	531	.242	.170	1.090	-.239
130	532	.282	.193	1.067	-.400
130	533	.026	.191	.925	-.635
130	534	.239	.169	1.044	-.242
130	535	.306	.184	1.182	-.178
130	536	.220	.186	.939	-.384
130	537	.326	.168	1.077	-.163
130	538	.154	.175	.760	-.400
130	539	.150	.159	.788	-.466
130	540	.290	.164	1.041	-.248
130	541	.227	.163	.955	-.460
130	542	.209	.150	.801	-.285
130	543	.129	.181	.773	-.555

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	544	.129	.151	.713	-.382
130	545	.188	.161	.951	-.359
130	546	.100	.140	.549	-.468
130	547	.062	.191	.707	-.740
130	548	.174	.159	.832	-.343
130	549	.243	.149	.894	-.255
130	550	.133	.133	.631	-.385
130	551	.238	.144	.856	-.232
130	552	.239	.149	.932	-.245
130	553	.229	.145	.864	-.245
130	554	.214	.150	.804	-.324
130	555	.203	.151	.712	-.299
130	556	.174	.161	.676	-.457
130	557	.171	.145	.733	-.293
130	558	.172	.143	.734	-.263
130	559	.213	.144	.733	-.275
130	560	.173	.133	.647	-.265
130	561	.185	.155	.699	-.366
130	562	.183	.147	.658	-.320
130	563	.225	.141	.782	-.224
130	564	.100	.193	.825	-.989
130	565	.273	.150	.874	-.243
130	566	.269	.150	.831	-.264
130	567	.191	.151	.853	-.420
130	568	.250	.149	1.076	-.277
130	569	.224	.137	.750	-.282
130	570	.249	.150	1.029	-.270
130	571	.245	.145	1.024	-.274
130	572	.210	.136	.730	-.315
130	573	.146	.135	.578	-.314
130	574	.162	.131	.583	-.295
130	575	.200	.135	.696	-.310
130	576	.153	.135	.597	-.289
130	577	.032	.132	.574	-.480
130	578	.036	.130	.599	-.410
130	579	.044	.131	.582	-.445
130	580	.050	.136	.519	-.351
130	581	.066	.134	.569	-.390
130	582	.048	.131	.506	-.340
130	583	.050	.133	.526	-.347
130	584	.067	.130	.530	-.334
130	585	.041	.124	.437	-.399
130	586	.056	.120	.550	-.345
130	901	.094	.167	.684	-.528
130	902	.081	.115	.480	-.305
130	903	.096	.121	.460	-.274
130	904	.039	.119	.427	-.472
130	905	.081	.119	.487	-.364
130	906	-.053	.125	.344	-.660
130	907	.044	.103	.374	-.262

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	908	-.038	.151	.490	-.635
130	909	.079	.080	.342	-.159
130	910	.061	.106	.393	-.261
130	911	.087	.129	.533	-.363
130	912	.067	.117	.495	-.340
130	913	.087	.115	.505	-.288
130	914	.122	.118	.547	-.263
130	915	-.105	.143	.364	-.621
130	916	.056	.120	.468	-.316
130	917	.092	.124	.505	-.289
130	918	-.106	.148	.448	-.616
130	919	.007	.129	.453	-.457
130	920	.136	.126	.584	-.292
130	921	.295	.153	1.022	-.213
130	922	.162	.194	.815	-.638
130	923	.152	.150	.653	-.449
130	924	-.112	.199	.403	-.846
130	925	.077	.118	.448	-.353
130	926	.070	.117	.435	-.372
130	927	.072	.123	.533	-.360
130	928	.100	.120	.515	-.303
130	929	.063	.131	.464	-.334
130	930	.116	.121	.531	-.290
130	931	.112	.173	.863	-.409
130	932	-.109	.167	.368	-.786
130	933	.067	.121	.470	-.353
130	935	.057	.119	.495	-.315
130	936	.066	.124	.514	-.359
130	937	.115	.128	.585	-.295
130	938	-.108	.174	.373	-1.202
130	939	.059	.119	.493	-.410
130	940	.070	.111	.449	-.373
130	941	.066	.112	.427	-.365
130	942	.064	.117	.457	-.421
130	943	-.112	.165	.520	-.864
130	944	.068	.122	.492	-.422
130	945	.058	.116	.499	-.389
130	946	.059	.117	.522	-.365
130	947	.066	.116	.499	-.324
130	948	.083	.149	.650	-.424
130	949	.074	.115	.485	-.388
130	950	.063	.111	.452	-.362
130	951	.064	.117	.425	-.359
130	952	.105	.117	.458	-.300
130	953	.099	.130	.557	-.429
130	954	.060	.118	.461	-.359
130	955	.051	.113	.427	-.320
130	956	.074	.112	.454	-.338
130	957	.064	.114	.474	-.279
130	958	.034	.114	.467	-.328
130	959	.076	.117	.461	-.337
130	960	.026	.128	.539	-.434
130	961	.058	.118	.467	-.356
130	962	.020	.120	.398	-.393
130	963	.017	.119	.433	-.422
130	964	.073	.125	.520	-.381
130	965	-.010	.136	.458	-.618
130	966	.041	.141	.653	-.493
130	967	.031	.120	.472	-.339
130	968	.066	.124	.492	-.329
130	969	.002	.136	.422	-.452
130	970	.074	.128	.529	-.374
130	971	.005	.121	.411	-.413
130	972	.052	.123	.489	-.417
130	973	.025	.133	.472	-.476
130	974	.064	.138	.537	-.368
130	975	.043	.136	.454	-.408
130	976	.068	.137	.510	-.400
130	977	.152	.141	.625	-.343
130	978	.082	.117	.472	-.299
130	979	.066	.139	.614	-.452
130	980	-.060	.137	.372	-.630
130	981	.009	.126	.456	-.426
130	982	.024	.122	.484	-.406
130	983	.031	.134	.452	-.418
130	984	.032	.133	.496	-.493
130	985	.036	.123	.552	-.388
130	986	.059	.126	.517	-.388
140	1	-.151	.180	.467	-.942
140	2	-.094	.146	.437	-.644
140	3	.149	.138	.610	-.378
140	4	-.040	.178	.513	-.803
140	5	.080	.132	.556	-.300
140	6	.107	.125	.532	-.260
140	7	.076	.127	.509	-.450
140	8	.125	.121	.547	-.345
140	9	.174	.122	.613	-.241
140	10	.075	.130	.468	-.563
140	11	.119	.117	.482	-.281
140	12	.135	.116	.536	-.277
140	13	.099	.116	.462	-.360
140	14	.109	.111	.466	-.253
140	15	.131	.140	.611	-.339
140	16	.126	.125	.528	-.483
140	17	.249	.138	.669	-.296
140	18	.165	.124	.642	-.199
140	101	-.023	.121	.345	-.515
140	102	.063	.113	.437	-.345
140	103	-.037	.169	.466	-.870
140	104	-.020	.138	.447	-.554
140	105	-.004	.132	.471	-.452
140	106	.054	.129	.524	-.308
140	107	.074	.114	.508	-.267
140	108	-.121	.157	.326	-.791
140	109	-.070	.150	.412	-.863
140	110	-.018	.140	.410	-.929
140	111	-.003	.143	.439	-.607
140	112	.065	.154	.671	-.668
140	113	.041	.130	.569	-.557
140	114	.058	.126	.560	-.373
140	115	.031	.126	.456	-.485
140	116	.054	.121	.420	-.460
140	117	.060	.122	.453	-.462
140	118	.095	.128	.752	-.432
140	119	.089	.124	.518	-.298
140	120	-.109	.146	.298	-.617
140	121	-.060	.147	.373	-.663
140	122	.020	.128	.451	-.473
140	123	.028	.125	.478	-.430
140	124	.047	.119	.456	-.453
140	125	.055	.118	.459	-.353
140	126	.060	.118	.495	-.360
140	127	.078	.130	.528	-.378
140	128	.078	.129	.507	-.397
140	129	.098	.130	.538	-.336
140	130	.089	.130	.528	-.347
140	131	-.131	.156	.324	-.755
140	132	.090	.114	.546	-.247
140	133	-.157	.202	.329	-1.513
140	134	-.069	.140	.297	-.765
140	135	.010	.128	.450	-.451
140	136	.025	.121	.455	-.371
140	137	.059	.115	.461	-.332
140	138	.082	.115	.450	-.320
140	139	.088	.129	.460	-.337
140	140	.094	.128	.466	-.309
140	141	.096	.129	.467	-.316
140	142	.113	.129	.481	-.330
140	143	.075	.121	.515	-.325
140	144	-.024	.159	.497	-.592
140	145	.072	.135	.508	-.364
140	146	.086	.134	.540	-.300
140	147	-.014	.147	.426	-.634
140	148	.083	.116	.513	-.330
140	149	.086	.123	.541	-.291
140	150	.151	.158	.728	-.321
140	151	.135	.143	.600	-.329
140	152	.044	.158	.574	-.491
140	153	.060	.129	.523	-.400
140	154	.094	.124	.717	-.280

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	155	.093	.122	.586	-.287
140	156	.090	.121	.535	-.298
140	157	.071	.121	.490	-.278
140	158	.069	.119	.563	-.316
140	159	.067	.128	.558	-.336
140	160	.059	.125	.522	-.460
140	161	.083	.137	.541	-.391
140	162	.080	.134	.515	-.405
140	163	.080	.134	.510	-.400
140	164	.103	.134	.581	-.385
140	165	.102	.121	.457	-.267
140	166	.092	.116	.491	-.291
140	167	.101	.121	.470	-.389
140	168	.018	.124	.419	-.505
140	169	.052	.124	.524	-.370
140	170	.066	.118	.499	-.325
140	171	.050	.121	.516	-.401
140	172	.057	.133	.495	-.478
140	173	.062	.134	.517	-.469
140	174	.053	.135	.502	-.489
140	175	.055	.130	.470	-.453
140	176	.039	.131	.528	-.394
140	177	.099	.138	.615	-.358
140	178	.131	.132	.709	-.305
140	179	.119	.133	.574	-.308
140	180	.125	.132	.569	-.351
140	181	.147	.126	.610	-.303
140	182	-.018	.138	.486	-.532
140	183	.042	.126	.472	-.391
140	184	.063	.124	.466	-.350
140	185	.063	.110	.495	-.282
140	186	.037	.114	.456	-.324
140	187	.032	.118	.455	-.363
140	188	.046	.125	.495	-.501
140	189	.051	.130	.544	-.357
140	190	.054	.129	.519	-.374
140	191	.058	.130	.519	-.379
140	192	.043	.139	.507	-.457
140	193	.067	.137	.524	-.379
140	194	.103	.147	.585	-.371
140	195	.155	.134	.619	-.317
140	196	.151	.135	.652	-.297
140	197	.137	.123	.578	-.234
140	198	.146	.123	.642	-.236
140	199	.145	.141	.731	-.278
140	200	.057	.132	.517	-.332
140	201	.053	.118	.478	-.349
140	202	.069	.115	.538	-.289
140	203	.069	.117	.537	-.287
140	204	.062	.122	.541	-.321
140	205	.070	.122	.518	-.373
140	206	.057	.124	.502	-.393
140	207	.060	.130	.510	-.424
140	208	.079	.124	.477	-.318
140	209	.078	.129	.599	-.364
140	210	.075	.122	.521	-.330
140	211	.071	.126	.515	-.346
140	212	.111	.138	.596	-.354
140	213	.139	.130	.571	-.290
140	214	.038	.155	.595	-.446
140	215	.084	.131	.492	-.385
140	301	.049	.118	.573	-.327
140	302	.062	.114	.528	-.275
140	303	.054	.091	.419	-.182
140	304	.059	.116	.415	-.366
140	305	.055	.115	.403	-.357
140	306	.055	.117	.396	-.337
140	307	.065	.117	.440	-.357
140	308	.075	.125	.601	-.345
140	309	.063	.123	.579	-.347
140	310	.075	.125	.635	-.352
140	311	.078	.125	.643	-.333
140	312	.072	.131	.506	-.383
140	313	.068	.132	.491	-.391
140	314	.077	.130	.506	-.340
140	315	.070	.123	.487	-.387
140	316	.077	.118	.456	-.360
140	317	.074	.117	.453	-.361
140	318	.072	.118	.456	-.365
140	319	.066	.122	.467	-.365
140	320	.062	.119	.466	-.413
140	321	.064	.117	.472	-.366
140	322	.079	.117	.462	-.369
140	323	.082	.118	.464	-.359
140	324	.087	.132	.552	-.356
140	325	.062	.135	.530	-.386
140	326	.066	.136	.574	-.351
140	327	.080	.137	.605	-.352
140	328	.079	.123	.487	-.363
140	329	.063	.124	.495	-.462
140	330	.081	.120	.480	-.396
140	331	.088	.120	.476	-.376
140	332	.082	.129	.559	-.479
140	333	.081	.131	.551	-.497
140	334	.090	.132	.563	-.479
140	335	.067	.132	.528	-.461
140	336	.073	.124	.505	-.345
140	337	.099	.118	.563	-.331
140	338	.087	.120	.538	-.356
140	339	.086	.120	.543	-.362
140	340	.114	.124	.562	-.390
140	341	.123	.121	.548	-.373
140	342	.096	.120	.480	-.368
140	343	.111	.118	.487	-.368
140	344	.103	.121	.643	-.324
140	345	.104	.120	.636	-.293
140	346	.088	.121	.629	-.299
140	347	.094	.121	.628	-.285
140	348	.087	.123	.546	-.474
140	349	.081	.122	.525	-.449
140	350	.072	.123	.537	-.476
140	351	.073	.124	.543	-.473
140	352	.161	.133	.780	-.291
140	353	.168	.130	.712	-.269
140	354	.108	.131	.568	-.304
140	355	.133	.125	.600	-.262
140	356	.130	.120	.501	-.294
140	357	.137	.118	.513	-.256
140	358	.127	.119	.507	-.295
140	359	.130	.121	.502	-.292
140	360	.132	.127	.616	-.240
140	361	.128	.127	.582	-.233
140	362	.086	.125	.504	-.394
140	363	.112	.125	.540	-.300
140	364	.084	.121	.547	-.345
140	365	.055	.127	.461	-.366
140	366	.065	.122	.453	-.390
140	367	.073	.124	.535	-.347
140	368	.086	.137	.514	-.467
140	369	.103	.135	.529	-.421
140	370	.106	.139	.636	-.466
140	371	.083	.134	.557	-.364
140	372	.069	.121	.513	-.332
140	373	.086	.120	.489	-.313
140	374	.058	.115	.432	-.341
140	375	.078	.115	.452	-.329
140	376	.109	.113	.478	-.290
140	377	.126	.113	.484	-.282
140	401	.051	.116	.483	-.328
140	402	.056	.103	.415	-.256
140	403	.066	.123	.457	-.386
140	404	.037	.119	.426	-.400
140	405	.118	.142	.751	-.378
140	406	.082	.130	.590	-.371
140	407	-.019	.132	.390	-.504
140	408	.057	.151	.650	-.525
140	409	.083	.118	.473	-.322
140	410	.083	.119	.465	-.335
140	411	.344	.170	1.133	-.132
140	412	.105	.127	.496	-.279

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	413	.071	.122	.426	-.342
140	414	.080	.123	.449	-.339
140	415	.087	.122	.497	-.318
140	416	.132	.130	.586	-.323
140	417	.114	.121	.541	-.275
140	418	.106	.122	.523	-.286
140	419	.072	.119	.502	-.289
140	420	.072	.120	.444	-.349
140	421	.079	.117	.461	-.344
140	422	.069	.117	.442	-.338
140	423	.190	.163	.876	-.313
140	424	.029	.122	.433	-.378
140	425	.070	.119	.452	-.364
140	426	-.028	.148	.485	-.570
140	427	.083	.123	.477	-.357
140	428	.097	.136	.514	-.357
140	429	.089	.136	.594	-.368
140	430	.087	.137	.585	-.378
140	431	.104	.135	.609	-.326
140	432	.057	.125	.503	-.407
140	433	.163	.134	.596	-.304
140	434	.157	.130	.577	-.291
140	435	.134	.126	.569	-.295
140	436	.084	.114	.493	-.277
140	437	.094	.113	.483	-.289
140	438	.099	.114	.490	-.274
140	439	.113	.115	.510	-.257
140	440	.097	.131	.499	-.318
140	441	.109	.129	.503	-.320
140	442	.110	.142	.591	-.330
140	443	.022	.171	.605	-.617
140	444	.083	.118	.529	-.298
140	445	.028	.146	.483	-.479
140	446	.081	.117	.485	-.314
140	447	.085	.116	.489	-.282
140	448	.081	.125	.475	-.370
140	449	.088	.123	.483	-.333
140	450	.108	.125	.526	-.400
140	451	.117	.137	.705	-.379
140	452	.192	.145	.706	-.248
140	453	.196	.141	.681	-.262
140	454	.182	.136	.638	-.263
140	455	.104	.130	.563	-.336
140	456	.112	.118	.566	-.272
140	457	.124	.117	.572	-.238
140	458	.159	.120	.638	-.221
140	459	.172	.122	.645	-.215
140	460	.172	.127	.646	-.246
140	461	.154	.143	.673	-.337
140	462	.076	.151	.707	-.424
140	463	.228	.121	.595	-.138
140	464	.194	.123	.594	-.246
140	465	.156	.127	.651	-.356
140	466	.098	.116	.492	-.358
140	467	.225	.133	.671	-.328
140	468	.163	.141	.579	-.285
140	469	.146	.136	.579	-.316
140	470	.133	.155	.654	-.411
140	471	.099	.130	.538	-.325
140	472	.169	.127	.652	-.334
140	473	.127	.121	.560	-.337
140	474	.136	.120	.552	-.322
140	475	.222	.126	.682	-.197
140	476	.056	.123	.550	-.420
140	477	.128	.131	.582	-.414
140	478	.167	.123	.623	-.332
140	479	.221	.135	.805	-.321
140	480	.091	.121	.512	-.289
140	481	.200	.124	.765	-.173
140	482	.098	.122	.531	-.313
140	483	.102	.120	.522	-.295
140	484	.098	.125	.509	-.293
140	485	.095	.123	.499	-.289
140	486	.095	.124	.518	-.306
140	487	.078	.125	.526	-.313
140	488	.034	.145	.585	-.435
140	489	.149	.159	.849	-.301
140	490	.118	.128	.566	-.309
140	491	.120	.128	.567	-.297
140	492	.179	.126	.651	-.209
140	493	.183	.129	.632	-.279
140	494	.181	.130	.660	-.277
140	495	.185	.140	.798	-.366
140	496	.156	.150	.673	-.435
140	501	.110	.142	1.138	-.400
140	502	.126	.160	.891	-.286
140	503	.116	.136	.758	-.432
140	504	.110	.136	.586	-.377
140	505	.087	.180	.991	-.513
140	506	.042	.185	.993	-.634
140	507	.162	.158	.857	-.345
140	508	.054	.162	.747	-.508
140	509	.130	.135	.656	-.364
140	510	.098	.159	.762	-.381
140	511	.207	.196	1.049	-.517
140	512	.225	.180	.985	-.312
140	513	.163	.159	.719	-.273
140	514	-.082	.164	.468	-.881
140	515	.149	.173	.887	-.396
140	516	.223	.211	.867	-.815
140	517	.085	.123	.550	-.304
140	518	.326	.175	1.191	-.200
140	519	.158	.148	.694	-.308
140	520	-.119	.191	.496	-1.467
140	521	.158	.161	.767	-.440
140	522	.173	.218	.857	-.903
140	523	.296	.172	.922	-.257
140	524	.165	.152	.752	-.271
140	525	-.126	.214	.531	-1.162
140	526	-.099	.237	.592	-.996
140	527	.169	.165	.831	-.456
140	528	.206	.187	.900	-.542
140	529	.300	.158	.905	-.248
140	530	.317	.159	1.099	-.206
140	531	.170	.158	.744	-.343
140	532	.178	.193	.860	-.537
140	533	-.016	.158	.708	-.615
140	534	.175	.154	.691	-.361
140	535	.232	.185	1.063	-.389
140	536	.114	.156	.650	-.502
140	537	.282	.165	1.056	-.197
140	538	.066	.162	.541	-.425
140	539	.079	.160	.572	-.434
140	540	.249	.154	.900	-.238
140	541	.181	.162	.827	-.560
140	542	.164	.151	.716	-.356
140	543	.054	.179	.643	-.647
140	544	.080	.153	.618	-.553
140	545	.116	.147	.687	-.438
140	546	.174	.140	.669	-.367
140	547	.187	.179	.882	-.629
140	548	.234	.164	.907	-.267
140	549	.257	.158	.847	-.245
140	550	.199	.132	.611	-.253
140	551	.251	.144	.835	-.200
140	552	.260	.152	.838	-.247
140	553	.248	.145	.836	-.187
140	554	.170	.145	.821	-.273
140	555	.165	.141	.759	-.266
140	556	.114	.148	.735	-.504
140	557	.142	.137	.640	-.340
140	558	.133	.133	.698	-.329
140	559	.167	.131	.627	-.281
140	560	.146	.129	.670	-.250
140	561	.142	.142	.644	-.303
140	562	.148	.137	.686	-.329
140	563	.236	.139	.760	-.205
140	564	.196	.146	.715	-.474
140	565	.287	.144	.734	-.253
140	566	.281	.146	.744	-.254

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	567	.242	.139	.697	-.274
140	568	.249	.145	.887	-.221
140	569	.226	.138	.792	-.224
140	570	.250	.145	.840	-.222
140	571	.244	.142	.834	-.228
140	572	.206	.143	.796	-.239
140	573	.151	.147	.725	-.357
140	574	.163	.144	.693	-.375
140	575	.187	.147	.760	-.278
140	576	.145	.131	.575	-.288
140	577	.058	.134	.512	-.399
140	578	.072	.137	.647	-.408
140	579	.083	.132	.549	-.392
140	580	.090	.124	.513	-.370
140	581	.100	.128	.531	-.402
140	582	.073	.120	.497	-.369
140	583	.079	.122	.489	-.379
140	584	.104	.133	.569	-.408
140	585	.060	.125	.504	-.367
140	586	.077	.134	.573	-.379
140	901	.150	.165	.715	-.435
140	902	.119	.125	.530	-.302
140	903	.113	.116	.470	-.287
140	904	.034	.121	.412	-.394
140	905	.077	.120	.488	-.362
140	906	-.011	.120	.439	-.497
140	907	.087	.111	.528	-.264
140	908	-.066	.151	.535	-.635
140	909	.092	.087	.387	-.197
140	910	.081	.115	.518	-.351
140	911	.086	.125	.534	-.338
140	912	.072	.118	.530	-.350
140	913	.110	.115	.518	-.306
140	914	.131	.117	.547	-.293
140	915	-.096	.135	.316	-.554
140	916	.069	.120	.442	-.369
140	917	.107	.125	.513	-.398
140	918	-.100	.141	.389	-.623
140	919	.046	.129	.570	-.460
140	920	.142	.131	.599	-.361
140	921	.305	.163	.902	-.219
140	922	.111	.169	.829	-.405
140	923	.089	.160	.582	-.480
140	924	-.150	.185	.339	-1.160
140	925	.055	.124	.417	-.446
140	926	.101	.118	.468	-.279
140	927	.111	.124	.526	-.293
140	928	.119	.123	.538	-.255
140	929	.091	.133	.601	-.378
140	930	.137	.121	.536	-.239
140	931	.046	.142	.491	-.440
140	932	-.127	.156	.388	-.939
140	933	.037	.122	.453	-.441
140	935	.095	.116	.515	-.270
140	936	.088	.119	.504	-.322
140	937	.135	.123	.612	-.249
140	938	-.137	.172	.338	-1.057
140	939	.042	.118	.511	-.442
140	940	.065	.113	.626	-.407
140	941	.096	.116	.591	-.354
140	942	.097	.121	.608	-.356
140	943	-.129	.160	.406	-.878
140	944	.038	.121	.522	-.457
140	945	.079	.115	.584	-.317
140	946	.096	.118	.608	-.324
140	947	.102	.124	.651	-.381
140	948	.036	.141	.455	-.611
140	949	.064	.122	.540	-.432
140	950	.080	.118	.548	-.397
140	951	.099	.122	.491	-.332
140	952	.095	.124	.488	-.334
140	953	.055	.134	.473	-.426
140	954	.046	.123	.425	-.397
140	955	.079	.120	.458	-.331
140	956	.085	.118	.436	-.348
140	957	.086	.128	.492	-.353
140	958	.042	.124	.450	-.393
140	959	.107	.130	.587	-.309
140	960	-.011	.138	.407	-.581
140	961	.092	.128	.527	-.354
140	962	.071	.119	.464	-.440
140	963	.081	.118	.469	-.445
140	964	.108	.121	.519	-.377
140	965	.065	.131	.485	-.520
140	966	.021	.136	.429	-.579
140	967	.042	.114	.431	-.350
140	968	.086	.116	.491	-.302
140	969	.055	.126	.473	-.453
140	970	.080	.130	.529	-.334
140	971	.026	.123	.450	-.332
140	972	.089	.123	.501	-.266
140	973	.073	.131	.587	-.330
140	974	.095	.130	.545	-.303
140	975	.081	.127	.598	-.299
140	976	.100	.130	.541	-.365
140	977	.138	.126	.571	-.345
140	978	.078	.125	.465	-.342
140	979	.053	.143	.459	-.539
140	980	-.023	.138	.378	-.478
140	981	.027	.132	.439	-.427
140	982	.070	.128	.453	-.382
140	983	.073	.121	.541	-.281
140	984	.055	.153	.546	-.666
140	985	.087	.137	.544	-.357
140	986	.095	.142	.575	-.372
150	1	-.065	.168	.584	-.881
150	2	-.031	.143	.434	-.570
150	3	.126	.138	.681	-.348
150	4	.029	.163	.485	-.782
150	5	.105	.131	.604	-.357
150	6	.149	.126	.566	-.254
150	7	.091	.132	.593	-.504
150	8	.136	.126	.544	-.397
150	9	.185	.121	.576	-.258
150	10	.108	.123	.481	-.320
150	11	.136	.116	.477	-.300
150	12	.144	.118	.531	-.280
150	13	.111	.113	.534	-.308
150	14	.123	.107	.527	-.300
150	15	.099	.124	.529	-.462
150	16	.100	.117	.542	-.332
150	17	.253	.126	.677	-.147
150	18	.111	.115	.481	-.274
150	101	.042	.122	.442	-.373
150	102	.089	.120	.465	-.306
150	103	-.071	.157	.412	-.841
150	104	-.040	.128	.338	-.519
150	105	.056	.121	.463	-.398
150	106	.074	.121	.495	-.392
150	107	.102	.120	.476	-.302
150	108	-.051	.130	.410	-.538
150	109	-.057	.130	.373	-.634
150	110	-.041	.137	.423	-.688
150	111	-.036	.148	.414	-.726
150	112	-.003	.150	.498	-.773
150	113	.026	.135	.420	-.732
150	114	.063	.127	.459	-.768
150	115	.073	.124	.532	-.395
150	116	.077	.120	.526	-.320
150	117	.080	.121	.528	-.323
150	118	.095	.121	.549	-.320
150	119	.096	.123	.477	-.385
150	120	-.060	.126	.315	-.539
150	121	-.057	.124	.292	-.513
150	122	-.021	.129	.394	-.473
150	123	.017	.122	.437	-.407
150	124	.047	.119	.500	-.384
150	125	.069	.119	.498	-.379
150	126	.087	.121	.527	-.329
150	127	.091	.116	.460	-.339

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	128	.092	.115	.440	-.331
150	129	.100	.116	.451	-.357
150	130	.098	.118	.454	-.333
150	131	-.048	.135	.359	-.669
150	132	-.105	.118	.511	-.292
150	133	-.109	.172	.336	-1.159
150	134	-.024	.121	.336	-.466
150	135	.002	.130	.448	-.438
150	136	.017	.126	.533	-.373
150	137	.059	.126	.544	-.288
150	138	.090	.128	.534	-.278
150	139	.096	.132	.560	-.361
150	140	.095	.131	.550	-.373
150	141	.102	.133	.572	-.361
150	142	.114	.134	.582	-.357
150	143	.086	.106	.419	-.242
150	144	-.027	.128	.427	-.984
150	145	.099	.136	.603	-.375
150	146	.112	.135	.591	-.360
150	147	-.058	.152	.463	-.884
150	148	.103	.115	.451	-.223
150	149	.095	.112	.443	-.245
150	150	.110	.140	.618	-.355
150	151	.128	.134	.558	-.349
150	152	.011	.140	.461	-.521
150	153	.082	.141	.673	-.492
150	154	.100	.139	.660	-.427
150	155	.107	.137	.631	-.427
150	156	.103	.139	.591	-.417
150	157	.096	.131	.569	-.304
150	158	.093	.127	.578	-.345
150	159	.084	.138	.621	-.375
150	160	.089	.130	.561	-.327
150	161	.100	.126	.580	-.340
150	162	.094	.123	.541	-.361
150	163	.095	.123	.549	-.337
150	164	.106	.125	.571	-.366
150	165	.117	.125	.494	-.336
150	166	.118	.124	.533	-.329
150	167	.129	.134	.571	-.390
150	168	.046	.134	.449	-.523
150	169	.065	.128	.501	-.333
150	170	.080	.126	.504	-.314
150	171	.074	.125	.522	-.277
150	172	.072	.134	.561	-.459
150	173	.074	.139	.532	-.360
150	174	.055	.144	.525	-.471
150	175	.069	.142	.528	-.362
150	176	.071	.133	.514	-.395
150	177	.117	.126	.627	-.313
150	178	.125	.123	.577	-.276
150	179	.118	.124	.534	-.333
150	180	.131	.126	.690	-.315
150	181	.159	.133	.647	-.279
150	182	.030	.145	.520	-.503
150	183	.077	.133	.577	-.400
150	184	.083	.129	.528	-.386
150	185	.093	.125	.538	-.299
150	186	.075	.127	.511	-.319
150	187	.081	.131	.510	-.336
150	188	.091	.135	.584	-.383
150	189	.065	.131	.549	-.302
150	190	.070	.129	.611	-.327
150	191	.073	.131	.630	-.810
150	192	.057	.138	.707	-.392
150	193	.091	.127	.527	-.313
150	194	.148	.136	.604	-.290
150	195	.169	.137	.657	-.298
150	196	.156	.138	.655	-.312
150	197	.137	.117	.676	-.316
150	198	.148	.123	.648	-.314
150	199	.176	.138	.698	-.431
150	200	.093	.124	.514	-.536
150	201	.073	.119	.469	-.395
150	202	.092	.116	.445	-.335
150	203	.089	.118	.455	-.327
150	204	.091	.119	.469	-.353
150	205	.108	.136	.561	-.343
150	206	.102	.138	.557	-.329
150	207	.115	.150	.646	-.360
150	208	.124	.138	.571	-.341
150	209	.097	.133	.584	-.349
150	210	.113	.122	.557	-.316
150	211	.113	.126	.581	-.316
150	212	.193	.142	.851	-.223
150	213	.181	.135	.789	-.250
150	214	.016	.140	.492	-.598
150	215	.098	.127	.571	-.382
150	301	.065	.125	.561	-.358
150	302	.070	.119	.540	-.324
150	303	.064	.095	.454	-.210
150	304	.077	.133	.521	-.320
150	305	.067	.131	.504	-.326
150	306	.068	.132	.487	-.330
150	307	.080	.133	.530	-.319
150	308	.092	.122	.546	-.305
150	309	.082	.120	.527	-.303
150	310	.093	.122	.552	-.318
150	311	.091	.123	.567	-.350
150	312	.084	.126	.571	-.412
150	313	.088	.127	.578	-.382
150	314	.092	.126	.596	-.392
150	315	.086	.117	.443	-.326
150	316	.091	.119	.508	-.388
150	317	.092	.118	.512	-.375
150	318	.090	.119	.492	-.385
150	319	.082	.121	.481	-.399
150	320	.084	.116	.541	-.361
150	321	.082	.116	.534	-.410
150	322	.107	.110	.518	-.305
150	323	.105	.110	.507	-.298
150	324	.098	.123	.473	-.291
150	325	.087	.125	.479	-.334
150	326	.086	.122	.454	-.399
150	327	.097	.123	.489	-.410
150	328	.096	.118	.491	-.330
150	329	.076	.124	.477	-.376
150	330	.091	.121	.556	-.370
150	331	.106	.119	.569	-.295
150	332	.101	.119	.499	-.281
150	333	.098	.121	.496	-.271
150	334	.102	.124	.566	-.308
150	335	.081	.124	.483	-.310
150	336	.086	.130	.533	-.370
150	337	.110	.130	.583	-.376
150	338	.113	.135	.600	-.363
150	339	.097	.133	.589	-.366
150	340	.129	.132	.620	-.321
150	341	.127	.130	.550	-.329
150	342	.087	.126	.475	-.412
150	343	.116	.126	.497	-.316
150	344	.118	.120	.575	-.292
150	345	.121	.119	.566	-.285
150	346	.111	.120	.544	-.306
150	347	.114	.121	.568	-.284
150	348	.110	.115	.497	-.220
150	349	.104	.114	.528	-.261
150	350	.103	.116	.527	-.265
150	351	.101	.117	.522	-.389
150	352	.188	.135	.747	-.342
150	353	.181	.130	.714	-.291
150	354	.077	.126	.541	-.419
150	355	.124	.119	.571	-.278
150	356	.145	.124	.587	-.214
150	357	.145	.122	.572	-.228
150	358	.140	.122	.575	-.214
150	359	.141	.123	.577	-.216
150	360	.127	.121	.544	-.352
150	361	.118	.119	.501	-.335
150	362	.107	.116	.511	-.299

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	363	.113	.117	.513	-.301
150	364	.114	.124	.547	-.348
150	365	.075	.127	.518	-.372
150	366	.092	.124	.544	-.361
150	367	.098	.127	.559	-.357
150	368	.098	.127	.542	-.284
150	369	.114	.127	.541	-.290
150	370	.139	.131	.538	-.266
150	371	.108	.124	.468	-.280
150	372	.081	.126	.512	-.355
150	373	.107	.124	.531	-.346
150	374	.088	.125	.527	-.306
150	375	.102	.122	.582	-.284
150	376	.135	.116	.544	-.241
150	377	.149	.115	.556	-.222
150	401	.070	.117	.505	-.329
150	402	.085	.099	.425	-.232
150	403	.079	.113	.411	-.331
150	404	.055	.113	.389	-.384
150	405	.122	.125	.599	-.263
150	406	.102	.115	.515	-.269
150	407	-.012	.129	.404	-.489
150	408	.067	.151	.722	-.490
150	409	.107	.117	.498	-.244
150	410	.112	.118	.507	-.247
150	411	.358	.173	.989	-.121
150	412	.124	.124	.579	-.255
150	413	.084	.118	.537	-.321
150	414	.093	.120	.546	-.306
150	415	.101	.120	.543	-.289
150	416	.145	.133	.594	-.222
150	417	.116	.119	.555	-.370
150	418	.101	.117	.519	-.279
150	419	.067	.117	.510	-.335
150	420	.088	.116	.468	-.363
150	421	.092	.112	.509	-.369
150	422	.086	.113	.506	-.367
150	423	.239	.170	.965	-.356
150	424	.019	.129	.385	-.396
150	425	.069	.123	.463	-.347
150	426	.022	.164	.542	-.553
150	427	.100	.123	.465	-.313
150	428	.109	.116	.548	-.277
150	429	.098	.115	.486	-.265
150	430	.099	.116	.518	-.264
150	431	.113	.115	.742	-.245
150	432	.083	.125	.424	-.410
150	433	.161	.145	.632	-.379
150	434	.161	.137	.620	-.298
150	435	.142	.129	.546	-.307
150	436	.086	.125	.493	-.366
150	437	.095	.122	.504	-.346
150	438	.103	.122	.507	-.343
150	439	.117	.124	.511	-.305
150	440	.095	.122	.532	-.326
150	441	.111	.121	.566	-.305
150	442	.138	.137	.668	-.286
150	443	.073	.175	.671	-.533
150	444	.105	.113	.499	-.246
150	445	.110	.160	.630	-.517
150	446	.109	.113	.492	-.253
150	447	.115	.113	.498	-.240
150	448	.100	.122	.513	-.282
150	449	.110	.120	.540	-.257
150	450	.125	.124	.524	-.262
150	451	.152	.134	.597	-.376
150	452	.211	.139	.715	-.250
150	453	.220	.136	.721	-.231
150	454	.201	.134	.747	-.283
150	455	.131	.126	.597	-.326
150	456	.127	.114	.562	-.297
150	457	.142	.112	.555	-.280
150	458	.160	.113	.536	-.201
150	459	.167	.116	.578	-.210
150	460	.187	.136	.624	-.215
150	461	.201	.146	.671	-.413
150	462	.138	.164	.761	-.403
150	463	.247	.131	.655	-.153
150	464	.179	.127	.619	-.202
150	465	.146	.127	.589	-.259
150	466	.100	.123	.534	-.309
150	467	.208	.134	.644	-.231
150	468	.184	.128	.615	-.194
150	469	.174	.122	.579	-.218
150	470	.161	.147	.624	-.334
150	471	.116	.121	.536	-.256
150	472	.189	.119	.610	-.210
150	473	.154	.113	.565	-.226
150	474	.158	.112	.540	-.235
150	475	.218	.126	.794	-.196
150	476	.074	.121	.440	-.398
150	477	.157	.130	.617	-.315
150	478	.171	.122	.557	-.331
150	479	.235	.138	.696	-.302
150	480	.105	.122	.577	-.332
150	481	.218	.132	.755	-.267
150	482	.120	.123	.575	-.327
150	483	.114	.121	.563	-.332
150	484	.124	.115	.495	-.380
150	485	.118	.113	.500	-.375
150	486	.118	.116	.477	-.387
150	487	.104	.116	.485	-.376
150	488	.075	.142	.836	-.338
150	489	.192	.163	.883	-.312
150	490	.147	.117	.511	-.288
150	491	.151	.116	.518	-.287
150	492	.193	.119	.598	-.202
150	493	.190	.121	.561	-.257
150	494	.193	.123	.561	-.249
150	495	.209	.132	.603	-.271
150	496	.160	.145	.649	-.362
150	501	.112	.151	1.042	-.331
150	502	.103	.152	.742	-.350
150	503	.102	.136	.630	-.341
150	504	.114	.135	.585	-.417
150	505	.119	.198	.831	-.479
150	506	.016	.172	.682	-.654
150	507	.126	.147	.639	-.367
150	508	.012	.145	.539	-.512
150	509	.117	.133	.525	-.334
150	510	.152	.178	1.069	-.385
150	511	.255	.208	.980	-.422
150	512	.225	.161	.820	-.206
150	513	.118	.138	.647	-.270
150	514	-.063	.130	.325	-.542
150	515	.223	.164	.788	-.286
150	516	.267	.181	.944	-.402
150	517	.105	.118	.560	-.335
150	518	.294	.151	.974	-.243
150	519	.135	.124	.567	-.364
150	520	-.042	.148	.394	-1.052
150	521	.233	.180	.920	-.340
150	522	.283	.204	1.023	-.404
150	523	.313	.176	1.006	-.177
150	524	.116	.138	.545	-.338
150	525	-.071	.157	.327	-.901
150	526	-.094	.162	.315	-.779
150	527	.213	.154	.719	-.317
150	528	.219	.166	.766	-.596
150	529	.236	.147	.880	-.272
150	530	.248	.142	.843	-.256
150	531	.123	.137	.675	-.340
150	532	.132	.174	.946	-.450
150	533	-.020	.155	.736	-.596
150	534	.143	.146	.709	-.334
150	535	.194	.187	1.117	-.335
150	536	.073	.144	.573	-.442
150	537	.278	.161	.962	-.258
150	538	.030	.135	.711	-.451
150	539	.059	.135	.551	-.456

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	540	.231	.149	.862	-.274
150	541	.143	.150	.906	-.341
150	542	.109	.133	.638	-.334
150	543	.005	.151	.488	-.539
150	544	.040	.140	.464	-.553
150	545	.097	.151	.692	-.391
150	546	.211	.153	.747	-.294
150	547	.209	.142	.728	-.248
150	548	.220	.140	.763	-.246
150	549	.228	.134	.779	-.189
150	550	.217	.143	.670	-.265
150	551	.213	.129	.713	-.173
150	552	.231	.138	.774	-.202
150	553	.217	.130	.712	-.234
150	554	.163	.125	.710	-.289
150	555	.148	.123	.688	-.245
150	556	.109	.128	.483	-.328
150	557	.136	.120	.534	-.268
150	558	.131	.123	.659	-.294
150	559	.165	.129	.643	-.264
150	560	.149	.124	.591	-.263
150	561	.128	.130	.599	-.310
150	562	.132	.131	.564	-.317
150	563	.230	.136	.764	-.263
150	564	.214	.132	.715	-.397
150	565	.246	.138	.895	-.225
150	566	.257	.139	.950	-.207
150	567	.234	.133	.704	-.224
150	568	.241	.135	.740	-.174
150	569	.209	.127	.606	-.221
150	570	.247	.136	.751	-.179
150	571	.241	.133	.704	-.193
150	572	.179	.133	.800	-.224
150	573	.129	.128	.648	-.242
150	574	.146	.127	.661	-.224
150	575	.157	.133	.982	-.239
150	576	.142	.128	.508	-.315
150	577	.062	.127	.467	-.378
150	578	.075	.129	.499	-.337
150	579	.105	.127	.488	-.304
150	580	.096	.122	.507	-.330
150	581	.098	.125	.566	-.346
150	582	.079	.117	.513	-.307
150	583	.088	.119	.541	-.362
150	584	.121	.135	.612	-.341
150	585	.057	.125	.538	-.394
150	586	.078	.118	.515	-.317
150	901	.211	.159	.995	-.254
150	902	.125	.118	.600	-.264
150	903	.124	.116	.604	-.263
150	904	.022	.122	.485	-.401
150	905	.074	.120	.572	-.312
150	906	.016	.119	.501	-.387
150	907	-.088	.114	.525	-.274
150	908	-.084	.140	.557	-.607
150	909	.065	.094	.378	-.260
150	910	.062	.117	.490	-.332
150	911	.096	.117	.560	-.302
150	912	.082	.109	.516	-.270
150	913	.105	.107	.461	-.213
150	914	.123	.109	.485	-.221
150	915	-.100	.131	.290	-.571
150	916	.090	.107	.479	-.277
150	917	.119	.108	.486	-.249
150	918	-.093	.137	.319	-.610
150	919	.033	.129	.547	-.441
150	920	.127	.118	.543	-.241
150	921	.247	.146	.975	-.167
150	922	.050	.156	.651	-.479
150	923	-.036	.126	.519	-.420
150	924	-.026	.130	.400	-.573
150	925	.040	.108	.458	-.429
150	926	.108	.111	.499	-.270
150	927	.110	.107	.439	-.279
150	928	.113	.104	.452	-.251
150	929	.103	.133	.599	-.396
150	930	.125	.107	.512	-.264
150	931	-.027	.123	.442	-.402
150	932	-.019	.123	.389	-.801
150	933	.033	.117	.428	-.600
150	935	.102	.114	.510	-.258
150	936	.100	.114	.539	-.282
150	937	.130	.118	.556	-.237
150	938	-.091	.155	.333	-.919
150	939	.022	.115	.370	-.736
150	940	.073	.103	.427	-.319
150	941	.106	.104	.440	-.306
150	942	.109	.103	.420	-.259
150	943	-.079	.144	.461	-.745
150	944	.016	.115	.452	-.364
150	945	.085	.109	.466	-.296
150	946	.105	.116	.551	-.313
150	947	.114	.110	.564	-.257
150	948	.030	.130	.475	-.407
150	949	.055	.112	.417	-.316
150	950	.090	.109	.503	-.306
150	951	.120	.109	.497	-.251
150	952	.112	.107	.462	-.245
150	953	.074	.133	.543	-.413
150	954	.042	.120	.487	-.435
150	955	.086	.113	.447	-.319
150	956	.102	.108	.433	-.245
150	957	.103	.123	.530	-.256
150	958	.036	.126	.447	-.470
150	959	.104	.129	.498	-.368
150	960	-.020	.129	.362	-.544
150	961	.106	.123	.501	-.257
150	962	.089	.129	.540	-.343
150	963	.099	.129	.581	-.358
150	964	.117	.131	.657	-.385
150	965	.088	.136	.566	-.404
150	966	.020	.148	.465	-.545
150	967	.041	.133	.431	-.408
150	968	.098	.132	.479	-.347
150	969	.068	.142	.552	-.484
150	970	.079	.135	.605	-.446
150	971	.031	.125	.457	-.400
150	972	.092	.123	.503	-.319
150	973	.072	.133	.536	-.452
150	974	.097	.136	.541	-.406
150	975	.094	.128	.526	-.342
150	976	.109	.132	.581	-.378
150	977	.107	.129	.525	-.375
150	978	.086	.115	.485	-.306
150	979	.048	.137	.488	-.462
150	980	-.013	.135	.462	-.572
150	981	.043	.122	.517	-.351
150	982	.097	.119	.543	-.309
150	983	.092	.128	.528	-.363
150	984	.063	.136	.540	-.497
150	985	.091	.121	.520	-.296
150	986	.098	.118	.485	-.294
160	1	.005	.147	.437	-.782
160	2	.017	.130	.450	-.585
160	3	.072	.129	.663	-.438
160	4	.083	.155	.685	-.570
160	5	.122	.123	.506	-.310
160	6	.168	.126	.555	-.196
160	7	.118	.123	.499	-.255
160	8	.150	.123	.556	-.227
160	9	.187	.109	.648	-.170
160	10	.111	.115	.529	-.408
160	11	.141	.105	.551	-.192
160	12	.157	.108	.638	-.201
160	13	.099	.114	.481	-.314
160	14	.118	.108	.498	-.319
160	15	.047	.124	.516	-.606
160	16	.053	.116	.429	-.392
160	17	.255	.133	.831	-.254
160	18	.077	.117	.436	-.349

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	101	.049	.132	.495	-.368
160	102	.089	.129	.488	-.353
160	103	-.046	.159	.433	-.844
160	104	-.013	.137	.422	-.453
160	105	.077	.130	.485	-.291
160	106	.086	.132	.506	-.296
160	107	.079	.132	.496	-.395
160	108	.004	.137	.532	-.507
160	109	-.012	.142	.529	-.672
160	110	-.015	.143	.446	-.539
160	111	-.006	.140	.448	-.687
160	112	.003	.134	.574	-.601
160	113	.038	.125	.456	-.439
160	114	.069	.127	.453	-1.245
160	115	.095	.136	.565	-.330
160	116	.080	.133	.524	-.337
160	117	.088	.133	.507	-.337
160	118	.088	.136	.506	-.334
160	119	.090	.128	.533	-.459
160	120	-.010	.133	.453	-.408
160	121	-.010	.134	.455	-.431
160	122	-.008	.140	.440	-.539
160	123	.020	.126	.374	-.440
160	124	.033	.124	.368	-.387
160	125	.066	.126	.424	-.402
160	126	.082	.128	.526	-.364
160	127	.088	.117	.474	-.316
160	128	.076	.115	.479	-.321
160	129	.085	.116	.505	-.328
160	130	.083	.118	.515	-.381
160	131	.007	.140	.487	-.759
160	132	.077	.133	.546	-.402
160	133	-.036	.167	.443	-1.092
160	134	.011	.128	.449	-.668
160	135	.016	.119	.371	-.379
160	136	.011	.117	.359	-.362
160	137	.053	.117	.415	-.378
160	138	.080	.119	.447	-.353
160	139	.094	.129	.580	-.351
160	140	.077	.127	.527	-.376
160	141	.087	.128	.544	-.372
160	142	.095	.129	.544	-.350
160	143	.086	.119	.514	-.286
160	144	.006	.139	.518	-.687
160	145	.094	.135	.576	-.374
160	146	.099	.135	.563	-.379
160	147	-.031	.138	.521	-.573
160	148	.077	.118	.571	-.339
160	149	.089	.126	.513	-.316
160	150	.084	.137	.583	-.559
160	151	.117	.133	.655	-.338
160	152	.008	.138	.517	-.589
160	153	.080	.121	.539	-.334
160	154	.088	.121	.499	-.369
160	155	.096	.121	.497	-.363
160	156	.091	.123	.497	-.355
160	157	.087	.142	.537	-.455
160	158	.087	.138	.571	-.433
160	159	.079	.144	.601	-.414
160	160	.091	.142	.539	-.388
160	161	.121	.117	.521	-.253
160	162	.103	.114	.511	-.255
160	163	.100	.114	.507	-.290
160	164	.095	.115	.503	-.280
160	165	.098	.120	.483	-.359
160	166	.117	.124	.538	-.325
160	167	.113	.143	.560	-.710
160	168	.052	.127	.485	-.497
160	169	.077	.121	.552	-.333
160	170	.079	.118	.580	-.350
160	171	.076	.118	.569	-.345
160	172	.074	.123	.557	-.367
160	173	.073	.130	.536	-.430
160	174	.070	.129	.480	-.420
160	175	.078	.131	.503	-.431
160	176	.093	.128	.518	-.398
160	177	.122	.123	.616	-.393
160	178	.112	.118	.586	-.344
160	179	.097	.119	.518	-.345
160	180	.129	.119	.565	-.304
160	181	.144	.126	.523	-.243
160	182	.059	.117	.449	-.433
160	183	.080	.117	.447	-.312
160	184	.069	.114	.451	-.294
160	185	.080	.120	.465	-.334
160	186	.081	.122	.468	-.338
160	187	.077	.125	.480	-.347
160	188	.082	.126	.512	-.389
160	189	.084	.124	.675	-.355
160	190	.099	.122	.633	-.313
160	191	.099	.124	.602	-.366
160	192	.088	.135	.563	-.431
160	193	.120	.133	.568	-.281
160	194	.179	.140	.725	-.230
160	195	.178	.140	.680	-.256
160	196	.146	.140	.699	-.295
160	197	.119	.118	.641	-.294
160	198	.123	.119	.647	-.268
160	199	.184	.132	.614	-.191
160	200	.102	.121	.572	-.297
160	201	.070	.114	.440	-.346
160	202	.081	.112	.454	-.339
160	203	.073	.114	.462	-.350
160	204	.086	.114	.457	-.331
160	205	.100	.120	.486	-.318
160	206	.109	.120	.515	-.300
160	207	.127	.132	.610	-.277
160	208	.132	.119	.488	-.279
160	209	.106	.132	.666	-.327
160	210	.131	.117	.600	-.303
160	211	.137	.125	.840	-.296
160	212	.203	.139	.829	-.271
160	213	.169	.133	.729	-.297
160	214	.010	.138	.550	-.564
160	215	.084	.126	.476	-.397
160	301	.065	.125	.586	-.395
160	302	.059	.120	.583	-.360
160	303	.054	.099	.485	-.232
160	304	.069	.122	.422	-.339
160	305	.069	.122	.407	-.378
160	306	.064	.122	.412	-.326
160	307	.081	.122	.445	-.310
160	308	.084	.119	.523	-.396
160	309	.087	.117	.521	-.425
160	310	.088	.117	.507	-.453
160	311	.083	.118	.502	-.380
160	312	.089	.123	.468	-.369
160	313	.079	.124	.457	-.387
160	314	.069	.131	.468	-.493
160	315	.090	.114	.481	-.280
160	316	.087	.125	.535	-.313
160	317	.082	.126	.530	-.387
160	318	.078	.127	.519	-.355
160	319	.082	.123	.523	-.474
160	320	.086	.117	.526	-.322
160	321	.083	.117	.520	-.338
160	322	.093	.115	.500	-.324
160	323	.088	.117	.491	-.333
160	324	.073	.127	.526	-.441
160	325	.088	.117	.477	-.281
160	326	.086	.114	.519	-.218
160	327	.105	.115	.525	-.223
160	328	.082	.114	.497	-.281
160	329	.085	.115	.503	-.332
160	330	.093	.114	.503	-.280
160	331	.101	.114	.507	-.260
160	332	.102	.125	.506	-.359
160	333	.092	.130	.524	-.373
160	334	.100	.124	.660	-.289
160	335	.084	.123	.531	-.336

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	336	.088	.121	.478	-.338
160	337	.098	.121	.479	-.328
160	338	.110	.124	.528	-.312
160	339	.091	.125	.477	-.543
160	340	.127	.124	.588	-.298
160	341	.115	.121	.559	-.281
160	342	.054	.126	.519	-.511
160	343	.098	.120	.531	-.326
160	344	.101	.131	.600	-.303
160	345	.103	.129	.594	-.277
160	346	.105	.130	.650	-.289
160	347	.111	.131	.675	-.267
160	348	.107	.116	.537	-.300
160	349	.113	.112	.493	-.244
160	350	.115	.112	.488	-.221
160	351	.114	.112	.502	-.238
160	352	.179	.131	.628	-.292
160	353	.174	.124	.575	-.303
160	354	.039	.127	.425	-.432
160	355	.104	.116	.470	-.318
160	356	.118	.125	.525	-.344
160	357	.121	.124	.527	-.359
160	358	.117	.123	.524	-.345
160	359	.119	.126	.528	-.346
160	360	.125	.133	.535	-.328
160	361	.119	.130	.524	-.308
160	362	.123	.129	.543	-.309
160	363	.124	.130	.534	-.309
160	364	.127	.111	.472	-.325
160	365	.082	.114	.472	-.375
160	366	.093	.111	.482	-.343
160	367	.104	.114	.490	-.358
160	368	.116	.124	.564	-.306
160	369	.119	.127	.678	-.319
160	370	.153	.131	.638	-.286
160	371	.115	.131	.543	-.261
160	372	.096	.120	.447	-.348
160	373	.124	.122	.524	-.317
160	374	.087	.119	.444	-.357
160	375	.106	.119	.458	-.367
160	376	.130	.123	.503	-.341
160	377	.139	.124	.554	-.343
160	401	.051	.125	.459	-.394
160	402	.076	.105	.395	-.327
160	403	.098	.122	.496	-.375
160	404	.071	.124	.701	-.392
160	405	.118	.132	.777	-.339
160	406	.105	.119	.588	-.350
160	407	-.010	.141	.428	-.556
160	408	.043	.161	.672	-.630
160	409	.097	.127	.521	-.427
160	410	.116	.130	.528	-.362
160	411	.316	.188	.911	-.712
160	412	.123	.120	.599	-.236
160	413	.078	.110	.459	-.259
160	414	.098	.113	.529	-.246
160	415	.104	.112	.570	-.276
160	416	.126	.122	.536	-.326
160	417	.106	.112	.462	-.317
160	418	.087	.113	.458	-.326
160	419	.060	.108	.427	-.316
160	420	.063	.114	.379	-.339
160	421	.063	.112	.414	-.375
160	422	.053	.116	.380	-.656
160	423	.231	.168	.849	-.366
160	424	.003	.113	.362	-.392
160	425	.053	.111	.443	-.351
160	426	.090	.145	.642	-.504
160	427	.090	.112	.450	-.280
160	428	.120	.112	.496	-.341
160	429	.120	.113	.508	-.340
160	430	.118	.114	.536	-.342
160	431	.131	.113	.566	-.332
160	432	.064	.120	.488	-.384
160	433	.161	.126	.674	-.253
160	434	.158	.120	.628	-.235
160	435	.131	.117	.533	-.276
160	436	.080	.102	.529	-.300
160	437	.090	.100	.514	-.299
160	438	.097	.101	.517	-.287
160	439	.101	.101	.446	-.312
160	440	.067	.111	.469	-.340
160	441	.081	.110	.461	-.308
160	442	.164	.131	.664	-.220
160	443	.179	.170	.865	-.303
160	444	.099	.110	.458	-.280
160	445	.169	.178	.920	-.604
160	446	.111	.108	.477	-.227
160	447	.124	.108	.502	-.204
160	448	.103	.111	.495	-.250
160	449	.117	.109	.517	-.219
160	450	.133	.110	.506	-.238
160	451	.166	.122	.676	-.237
160	452	.212	.117	.631	-.147
160	453	.223	.114	.650	-.121
160	454	.196	.112	.590	-.168
160	455	.129	.104	.491	-.228
160	456	.134	.103	.555	-.225
160	457	.143	.103	.523	-.201
160	458	.151	.104	.527	-.195
160	459	.146	.106	.501	-.198
160	460	.144	.118	.582	-.254
160	461	.172	.122	.594	-.241
160	462	.156	.144	.646	-.368
160	463	.236	.114	.660	-.172
160	464	.192	.120	.635	-.217
160	465	.144	.118	.496	-.275
160	466	.109	.112	.491	-.275
160	467	.217	.126	.645	-.214
160	468	.187	.115	.678	-.213
160	469	.178	.109	.570	-.212
160	470	.188	.139	.626	-.400
160	471	.117	.104	.475	-.287
160	472	.177	.123	.821	-.247
160	473	.146	.118	.687	-.244
160	474	.156	.119	.724	-.247
160	475	.202	.124	.706	-.209
160	476	.067	.101	.385	-.286
160	477	.177	.118	.583	-.224
160	478	.156	.102	.553	-.182
160	479	.246	.121	.788	-.146
160	480	.096	.109	.465	-.267
160	481	.166	.110	.562	-.197
160	482	.106	.109	.469	-.271
160	483	.101	.108	.454	-.279
160	484	.127	.119	.565	-.258
160	485	.124	.118	.570	-.249
160	486	.129	.120	.569	-.246
160	487	.114	.122	.530	-.269
160	488	.108	.173	.870	-.389
160	489	.243	.195	1.130	-.298
160	490	.161	.130	.651	-.273
160	491	.162	.131	.656	-.280
160	492	.191	.128	.615	-.205
160	493	.200	.131	.652	-.295
160	494	.202	.134	.667	-.311
160	495	.233	.148	.758	-.328
160	496	.224	.142	.793	-.310
160	501	.109	.146	.866	-.323
160	502	.135	.167	.891	-.355
160	503	.122	.134	.595	-.382
160	504	.104	.122	.596	-.263
160	505	.136	.202	1.081	-.411
160	506	.010	.155	.639	-.618
160	507	.143	.145	.787	-.259
160	508	-.005	.148	.551	-.638
160	509	.113	.124	.522	-.290
160	510	.241	.200	1.087	-.333
160	511	.264	.197	1.329	-.448
160	512	.163	.179	.849	-.724

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	513	.091	.141	.601	-.379
160	514	-.001	.140	.487	-.473
160	515	.295	.193	1.027	-.316
160	516	.344	.192	1.087	-.207
160	517	.119	.130	.664	-.321
160	518	.257	.166	.930	-.199
160	519	.109	.142	.651	-.341
160	520	.022	.151	.601	-.706
160	521	.296	.180	.968	-.223
160	522	.298	.180	.924	-.239
160	523	.237	.190	.933	-.560
160	524	.122	.130	.625	-.291
160	525	.039	.131	.539	-.623
160	526	.006	.144	.540	-.705
160	527	.300	.165	1.060	-.195
160	528	.265	.184	1.095	-.781
160	529	.230	.180	1.133	-.277
160	530	.236	.155	.849	-.269
160	531	.110	.137	.688	-.394
160	532	.060	.171	.722	-.473
160	533	.005	.145	.538	-.502
160	534	.128	.159	.866	-.434
160	535	.144	.195	1.051	-.463
160	536	.035	.149	.617	-.503
160	537	.245	.169	.938	-.255
160	538	.030	.133	.442	-.470
160	539	.070	.140	.584	-.427
160	540	.197	.156	.880	-.295
160	541	.090	.143	.565	-.487
160	542	.082	.133	.621	-.375
160	543	-.036	.162	.510	-.824
160	544	-.006	.152	.507	-.852
160	545	.056	.141	.650	-.381
160	546	.237	.147	.978	-.231
160	547	.239	.147	.745	-.218
160	548	.210	.154	.766	-.320
160	549	.222	.143	.790	-.217
160	550	.232	.136	.792	-.272
160	551	.200	.138	.627	-.275
160	552	.210	.148	.873	-.306
160	553	.205	.142	.672	-.308
160	554	.132	.136	.601	-.364
160	555	.143	.129	.594	-.295
160	556	.099	.136	.569	-.358
160	557	.128	.132	.603	-.344
160	558	.108	.130	.623	-.259
160	559	.144	.132	.615	-.356
160	560	.130	.121	.632	-.290
160	561	.129	.134	.575	-.358
160	562	.122	.136	.590	-.376
160	563	.208	.134	.658	-.244
160	564	.212	.153	.853	-.328
160	565	.211	.149	.855	-.300
160	566	.214	.150	.851	-.313
160	567	.194	.157	.690	-.328
160	568	.210	.141	.691	-.273
160	569	.185	.134	.647	-.284
160	570	.216	.141	.760	-.275
160	571	.213	.140	.676	-.274
160	572	.136	.127	.575	-.293
160	573	.120	.124	.554	-.283
160	574	.127	.123	.555	-.276
160	575	.112	.127	.534	-.306
160	576	.128	.131	.617	-.292
160	577	.082	.130	.531	-.317
160	578	.085	.129	.518	-.323
160	579	.128	.131	.574	-.289
160	580	.125	.124	.529	-.293
160	581	.107	.127	.572	-.345
160	582	.093	.121	.511	-.307
160	583	.106	.125	.544	-.307
160	584	.127	.127	.543	-.298
160	585	.066	.117	.426	-.352
160	586	.086	.126	.618	-.370
160	901	.241	.152	.976	-.246
160	902	.111	.111	.475	-.263
160	903	.098	.117	.463	-.362
160	904	.016	.118	.471	-.549
160	905	.059	.120	.473	-.304
160	906	.019	.117	.412	-.353
160	907	-.073	.114	.454	-.311
160	908	-.064	.128	.404	-.510
160	909	.049	.094	.345	-.308
160	910	.067	.115	.477	-.285
160	911	.104	.123	.585	-.313
160	912	.084	.110	.496	-.306
160	913	.095	.111	.503	-.318
160	914	.107	.113	.504	-.435
160	915	-.064	.133	.299	-.596
160	916	.072	.107	.445	-.382
160	917	.098	.109	.456	-.334
160	918	-.044	.133	.397	-.582
160	919	.027	.120	.444	-.448
160	920	.126	.115	.555	-.277
160	921	.205	.134	.741	-.200
160	922	.020	.126	.455	-.620
160	923	.033	.119	.486	-.488
160	924	.023	.113	.397	-.429
160	925	.039	.107	.424	-.303
160	926	.091	.108	.478	-.247
160	927	.093	.111	.471	-.337
160	928	.088	.109	.469	-.337
160	929	.098	.128	.511	-.332
160	930	.094	.113	.472	-.337
160	931	.024	.114	.511	-.418
160	932	.015	.113	.471	-.417
160	933	.029	.105	.465	-.320
160	935	.103	.109	.533	-.308
160	936	.102	.107	.510	-.328
160	937	.105	.113	.545	-.286
160	938	-.018	.138	.400	-.744
160	939	.037	.113	.471	-.351
160	940	.063	.107	.448	-.291
160	941	.086	.106	.465	-.293
160	942	.078	.108	.461	-.353
160	943	-.001	.121	.384	-.531
160	944	.026	.107	.412	-.360
160	945	.075	.109	.413	-.296
160	946	.082	.111	.422	-.320
160	947	.099	.116	.530	-.261
160	948	.032	.129	.499	-.415
160	949	.042	.114	.482	-.338
160	950	.071	.115	.477	-.322
160	951	.102	.107	.466	-.270
160	952	.090	.108	.428	-.315
160	953	.079	.129	.690	-.348
160	954	.023	.108	.423	-.420
160	955	.073	.117	.497	-.307
160	956	.082	.111	.472	-.307
160	957	.097	.130	.488	-.325
160	958	.053	.127	.478	-.361
160	959	.092	.136	.487	-.435
160	960	-.022	.135	.461	-.683
160	961	.104	.131	.472	-.325
160	962	.082	.130	.512	-.340
160	963	.089	.131	.527	-.391
160	964	.094	.133	.545	-.343
160	965	.074	.135	.544	-.519
160	966	.047	.148	.639	-.427
160	967	.051	.127	.468	-.372
160	968	.094	.129	.563	-.329
160	969	.080	.131	.569	-.355
160	970	.108	.138	.699	-.297
160	971	.046	.127	.413	-.394
160	972	.083	.125	.456	-.343
160	973	.070	.127	.499	-.378
160	974	.081	.127	.515	-.336
160	975	.075	.123	.501	-.339
160	976	.074	.127	.504	-.334
160	977	.094	.128	.553	-.317

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	978	.077	.123	.456	-.358
160	979	.058	.148	.501	-.446
160	980	.033	.141	.488	-.474
160	981	.060	.136	.519	-.359
160	982	.087	.135	.556	-.361
160	983	.077	.134	.575	-.407
160	984	.063	.148	.621	-.604
160	985	.106	.130	.634	-.355
160	986	.099	.132	.582	-.343
170	1	.017	.127	.478	-.417
170	2	.018	.119	.428	-.432
170	3	.028	.127	.545	-.477
170	4	.122	.149	.568	-.398
170	5	.117	.113	.491	-.265
170	6	.157	.118	.523	-.274
170	7	.110	.111	.464	-.300
170	8	.130	.114	.510	-.248
170	9	.176	.113	.603	-.198
170	10	.106	.114	.474	-.289
170	11	.128	.108	.522	-.272
170	12	.154	.114	.620	-.256
170	13	.077	.119	.481	-.355
170	14	.097	.107	.467	-.303
170	15	-.033	.140	.391	-.610
170	16	-.015	.130	.381	-.594
170	17	.294	.146	1.007	-.137
170	18	.026	.121	.467	-.611
170	101	.028	.127	.442	-.482
170	102	.059	.126	.441	-.474
170	103	-.036	.140	.430	-.537
170	104	.001	.126	.434	-.417
170	105	.059	.121	.463	-.422
170	106	.065	.121	.470	-.407
170	107	.069	.125	.475	-.411
170	108	.020	.133	.382	-.582
170	109	.020	.130	.466	-.411
170	110	.012	.132	.488	-.398
170	111	.016	.131	.430	-.561
170	112	.027	.124	.412	-.513
170	113	.044	.123	.438	-.415
170	114	.056	.122	.448	-.442
170	115	.069	.134	.573	-.418
170	116	.063	.131	.571	-.409
170	117	.061	.132	.563	-.426
170	118	.061	.133	.575	-.444
170	119	.070	.122	.514	-.376
170	120	.034	.116	.498	-.386
170	121	.025	.116	.483	-.409
170	122	.020	.120	.489	-.494
170	123	.035	.122	.426	-.390
170	124	.052	.124	.460	-.379
170	125	.066	.127	.486	-.365
170	126	.077	.130	.474	-.388
170	127	.073	.120	.452	-.302
170	128	.073	.119	.453	-.292
170	129	.075	.121	.453	-.312
170	130	.071	.124	.437	-.372
170	131	.035	.139	.502	-.566
170	132	.070	.139	.541	-.382
170	133	.021	.147	.459	-1.247
170	134	.028	.136	.458	-.372
170	135	.021	.115	.374	-.385
170	136	.028	.114	.382	-.353
170	137	.042	.114	.393	-.349
170	138	.065	.115	.441	-.332
170	139	.065	.127	.468	-.385
170	140	.056	.126	.464	-.391
170	141	.058	.127	.465	-.388
170	142	.075	.128	.466	-.358
170	143	.066	.115	.436	-.339
170	144	.012	.130	.366	-.429
170	145	.069	.124	.571	-.359
170	146	.069	.125	.571	-.363
170	147	-.010	.125	.421	-.498
170	148	.080	.109	.478	-.273
170	149	.065	.125	.491	-.413
170	150	.066	.133	.502	-.464
170	151	.094	.135	.633	-.408
170	152	.010	.135	.482	-.516
170	153	.066	.123	.439	-.403
170	154	.076	.121	.454	-.382
170	155	.084	.120	.458	-.373
170	156	.076	.122	.493	-.372
170	157	.070	.111	.511	-.325
170	158	.062	.105	.449	-.251
170	159	.060	.110	.500	-.330
170	160	.086	.113	.572	-.315
170	161	.116	.121	.555	-.295
170	162	.098	.118	.542	-.306
170	163	.089	.117	.516	-.299
170	164	.081	.119	.514	-.322
170	165	.068	.117	.465	-.351
170	166	.093	.121	.518	-.666
170	167	.077	.132	.547	-.584
170	168	.040	.120	.410	-.395
170	169	.063	.112	.412	-.321
170	170	.054	.110	.373	-.301
170	171	.056	.110	.390	-.303
170	172	.060	.113	.406	-.284
170	173	.049	.119	.445	-.328
170	174	.049	.118	.426	-.342
170	175	.058	.120	.443	-.353
170	176	.076	.122	.470	-.319
170	177	.104	.132	.602	-.385
170	178	.086	.127	.525	-.401
170	179	.072	.127	.510	-.394
170	180	.106	.133	.648	-.356
170	181	.109	.124	.618	-.284
170	182	.058	.120	.492	-.366
170	183	.074	.122	.512	-.367
170	184	.062	.122	.560	-.370
170	185	.054	.117	.464	-.356
170	186	.054	.119	.598	-.365
170	187	.053	.119	.497	-.359
170	188	.058	.120	.509	-.350
170	189	.058	.123	.490	-.386
170	190	.066	.120	.571	-.316
170	191	.070	.123	.499	-.332
170	192	.073	.127	.527	-.427
170	193	.109	.122	.517	-.340
170	194	.153	.134	.624	-.301
170	195	.151	.136	.676	-.263
170	196	.115	.130	.690	-.303
170	197	.094	.128	.543	-.366
170	198	.090	.127	.502	-.371
170	199	.160	.139	.696	-.319
170	200	.086	.126	.490	-.382
170	201	.060	.119	.452	-.382
170	202	.060	.118	.455	-.377
170	203	.056	.120	.453	-.414
170	204	.079	.120	.496	-.344
170	205	.090	.113	.517	-.356
170	206	.104	.115	.544	-.377
170	207	.141	.128	.639	-.393
170	208	.137	.116	.641	-.294
170	209	.121	.125	.516	-.291
170	210	.116	.117	.563	-.324
170	211	.133	.128	.562	-.306
170	212	.169	.133	.662	-.313
170	213	.134	.131	.594	-.344
170	214	.007	.135	.479	-.522
170	215	.067	.134	.534	-.508
170	301	.053	.116	.461	-.335
170	302	.046	.113	.399	-.346
170	303	.043	.091	.326	-.287
170	304	.054	.114	.448	-.287
170	305	.043	.115	.457	-.360
170	306	.042	.119	.466	-.406
170	307	.066	.114	.454	-.321
170	308	.059	.117	.425	-.465

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	309	.055	.120	.449	-.528
170	310	.048	.125	.507	-.584
170	311	.052	.122	.501	-.423
170	312	.067	.133	.532	-.534
170	313	.064	.133	.535	-.505
170	314	.023	.155	.509	-.725
170	315	.065	.115	.407	-.325
170	316	.055	.122	.439	-.322
170	317	.044	.122	.447	-.537
170	318	.036	.131	.441	-.479
170	319	.059	.114	.427	-.284
170	320	.053	.119	.426	-.397
170	321	.051	.119	.435	-.410
170	322	.039	.126	.402	-.414
170	323	.038	.128	.381	-.582
170	324	.033	.131	.428	-.486
170	325	.061	.115	.445	-.476
170	326	.061	.115	.435	-.415
170	327	.093	.118	.522	-.406
170	328	.065	.112	.474	-.240
170	329	.069	.114	.476	-.270
170	330	.083	.116	.524	-.425
170	331	.084	.125	.487	-.604
170	332	.075	.129	.480	-.352
170	333	.056	.136	.476	-.445
170	334	.081	.126	.496	-.341
170	335	.060	.124	.450	-.390
170	336	.062	.108	.444	-.335
170	337	.072	.108	.430	-.300
170	338	.083	.112	.477	-.302
170	339	.065	.111	.453	-.308
170	340	.087	.126	.513	-.330
170	341	.080	.121	.501	-.326
170	342	.026	.130	.427	-.450
170	343	.058	.122	.468	-.365
170	344	.080	.119	.506	-.460
170	345	.081	.117	.507	-.381
170	346	.089	.116	.484	-.362
170	347	.089	.117	.494	-.344
170	348	.088	.119	.499	-.397
170	349	.100	.123	.527	-.355
170	350	.107	.122	.539	-.356
170	351	.102	.123	.534	-.362
170	352	.132	.127	.592	-.242
170	353	.136	.120	.577	-.237
170	354	.022	.136	.501	-.555
170	355	.066	.117	.484	-.390
170	356	.100	.117	.457	-.327
170	357	.106	.115	.490	-.324
170	358	.108	.114	.494	-.378
170	359	.107	.117	.509	-.380
170	360	.103	.110	.508	-.278
170	361	.111	.110	.533	-.255
170	362	.118	.110	.526	-.244
170	363	.113	.111	.535	-.264
170	364	.116	.123	.554	-.325
170	365	.068	.116	.494	-.345
170	366	.078	.114	.474	-.310
170	367	.088	.118	.500	-.314
170	368	.089	.123	.544	-.303
170	369	.098	.127	.548	-.307
170	370	.130	.131	.562	-.270
170	371	.109	.131	.537	-.331
170	372	.079	.123	.461	-.354
170	373	.111	.124	.530	-.349
170	374	.060	.121	.461	-.328
170	375	.069	.121	.468	-.328
170	376	.122	.116	.506	-.301
170	377	.150	.118	.542	-.266
170	401	.043	.121	.453	-.364
170	402	.083	.103	.391	-.283
170	403	.100	.124	.560	-.330
170	404	.104	.135	.639	-.326
170	405	.115	.133	.615	-.300
170	406	.098	.122	.516	-.311
170	407	-.004	.138	.505	-.497
170	408	.062	.182	.769	-.545
170	409	.092	.124	.615	-.362
170	410	.125	.129	.595	-.297
170	411	.229	.203	.905	-.616
170	412	.155	.144	.696	-.379
170	413	.089	.128	.467	-.326
170	414	.126	.135	.696	-.272
170	415	.144	.140	.853	-.322
170	416	.129	.126	.656	-.404
170	417	.103	.118	.518	-.345
170	418	.072	.120	.436	-.344
170	419	.045	.120	.425	-.356
170	420	.058	.124	.563	-.396
170	421	.043	.125	.490	-.421
170	422	.013	.133	.557	-.466
170	423	.206	.196	1.201	-.452
170	424	-.009	.121	.392	-.427
170	425	.029	.116	.390	-.459
170	426	.128	.162	.994	-.414
170	427	.090	.120	.502	-.307
170	428	.134	.126	.615	-.280
170	429	.138	.127	.641	-.334
170	430	.136	.126	.638	-.287
170	431	.148	.127	.715	-.257
170	432	.085	.141	.743	-.390
170	433	.160	.141	.608	-.275
170	434	.161	.135	.656	-.263
170	435	.120	.131	.535	-.367
170	436	.058	.131	.534	-.508
170	437	.070	.127	.534	-.329
170	438	.071	.127	.516	-.313
170	439	.055	.124	.491	-.337
170	440	.038	.131	.493	-.505
170	441	.053	.130	.523	-.436
170	442	.204	.148	.750	-.356
170	443	.288	.193	1.004	-.755
170	444	.078	.120	.567	-.277
170	445	.271	.177	.954	-.235
170	446	.091	.119	.554	-.289
170	447	.123	.117	.535	-.241
170	448	.121	.111	.468	-.216
170	449	.135	.110	.492	-.219
170	450	.162	.112	.526	-.212
170	451	.202	.141	.773	-.429
170	452	.232	.145	.788	-.182
170	453	.242	.140	.776	-.169
170	454	.207	.133	.753	-.286
170	455	.122	.128	.504	-.241
170	456	.145	.136	.629	-.265
170	457	.153	.132	.610	-.263
170	458	.153	.130	.640	-.265
170	459	.126	.133	.650	-.268
170	460	.120	.123	.551	-.368
170	461	.189	.139	.758	-.331
170	462	.238	.181	.986	-.468
170	463	.275	.128	.735	-.218
170	464	.204	.133	.602	-.172
170	465	.155	.131	.585	-.243
170	466	.109	.126	.508	-.363
170	467	.235	.143	.773	-.192
170	468	.201	.125	.676	-.180
170	469	.189	.123	.651	-.189
170	470	.218	.158	.912	-.348
170	471	.120	.115	.515	-.287
170	472	.214	.132	.802	-.201
170	473	.179	.130	.755	-.202
170	474	.195	.130	.797	-.188
170	475	.228	.137	.711	-.169
170	476	.069	.113	.418	-.416
170	477	.186	.124	.788	-.296
170	478	.131	.108	.469	-.236
170	479	.255	.138	.860	-.167
170	480	.116	.116	.496	-.252
170	481	.169	.111	.541	-.176

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	482	.123	.113	.501	-.236
170	483	.114	.113	.491	-.240
170	484	.121	.137	.653	-.368
170	485	.123	.134	.676	-.327
170	486	.127	.138	.723	-.364
170	487	.114	.137	.669	-.404
170	488	.132	.190	1.105	-.456
170	489	.277	.208	1.012	-.314
170	490	.153	.130	.590	-.268
170	491	.153	.131	.604	-.269
170	492	.198	.127	.597	-.230
170	493	.162	.123	.573	-.272
170	494	.168	.125	.589	-.280
170	495	.214	.138	.662	-.284
170	496	.225	.142	.919	-.248
170	501	.064	.129	.793	-.345
170	502	.073	.140	.829	-.391
170	503	.078	.131	.571	-.329
170	504	.082	.130	.488	-.380
170	505	-.152	.226	1.059	-.469
170	506	-.005	.160	.633	-.628
170	507	-.123	.156	1.094	-.401
170	508	-.007	.150	.515	-.572
170	509	.111	.133	.515	-.313
170	510	.355	.208	1.138	-.354
170	511	.272	.203	1.084	-.255
170	512	.080	.167	.728	-.505
170	513	.069	.126	.532	-.328
170	514	.020	.124	.493	-.393
170	515	.312	.186	1.007	-.197
170	516	.326	.185	1.083	-.199
170	517	.145	.140	.694	-.302
170	518	.192	.149	.780	-.318
170	519	.090	.133	.553	-.318
170	520	.028	.113	.396	-.322
170	521	.332	.170	.923	-.130
170	522	.292	.161	.859	-.136
170	523	.160	.189	.788	-.634
170	524	.080	.124	.597	-.361
170	525	.038	.123	.549	-.424
170	526	.014	.134	.536	-.838
170	527	.293	.170	1.079	-.177
170	528	.251	.153	.903	-.178
170	529	.135	.166	.704	-.549
170	530	.166	.131	.622	-.230
170	531	.071	.123	.543	-.329
170	532	.030	.129	.500	-.498
170	533	.008	.127	.437	-.472
170	534	.072	.132	.534	-.425
170	535	.047	.141	.602	-.371
170	536	.008	.129	.463	-.421
170	537	.226	.174	1.029	-.304
170	538	.009	.133	.408	-.467
170	539	.057	.140	.561	-.404
170	540	.185	.167	.830	-.340
170	541	.041	.131	.531	-.517
170	542	.039	.123	.448	-.447
170	543	-.040	.136	.422	-.492
170	544	-.022	.133	.409	-.574
170	545	.042	.121	.572	-.393
170	546	.281	.173	1.097	-.328
170	547	.234	.140	.765	-.161
170	548	.156	.154	.740	-.328
170	549	.186	.132	.693	-.203
170	550	.255	.155	.935	-.310
170	551	.169	.133	.620	-.305
170	552	.178	.139	.833	-.313
170	553	.185	.137	.731	-.302
170	554	.070	.130	.493	-.492
170	555	.109	.126	.507	-.449
170	556	.079	.131	.478	-.460
170	557	.100	.131	.505	-.367
170	558	.102	.117	.562	-.332
170	559	.103	.128	.540	-.309
170	560	.122	.120	.529	-.302
170	561	.103	.127	.526	-.333
170	562	.099	.130	.592	-.349
170	563	.197	.135	.658	-.244
170	564	.210	.140	.709	-.290
170	565	.193	.135	.682	-.264
170	566	.202	.136	.705	-.254
170	567	.172	.148	.674	-.296
170	568	.199	.141	.677	-.307
170	569	.165	.135	.665	-.317
170	570	.205	.141	.700	-.294
170	571	.199	.141	.657	-.304
170	572	.109	.127	.546	-.313
170	573	.102	.127	.604	-.288
170	574	.111	.126	.641	-.292
170	575	.076	.130	.598	-.339
170	576	.105	.124	.655	-.346
170	577	.050	.125	.514	-.397
170	578	.063	.125	.548	-.422
170	579	.108	.123	.560	-.295
170	580	.115	.136	.521	-.410
170	581	.077	.136	.514	-.437
170	582	.069	.134	.462	-.442
170	583	.083	.138	.477	-.445
170	584	.106	.124	.559	-.295
170	585	.045	.112	.436	-.371
170	586	.057	.118	.460	-.372
170	901	.296	.159	.862	-.163
170	902	.116	.120	.617	-.322
170	903	.042	.130	.489	-.491
170	904	.035	.120	.408	-.454
170	905	.053	.114	.512	-.383
170	906	.023	.111	.433	-.400
170	907	.052	.119	.410	-.416
170	908	-.053	.128	.399	-.464
170	909	-.059	.098	.385	-.304
170	910	.067	.117	.461	-.318
170	911	.061	.120	.541	-.488
170	912	.052	.113	.437	-.651
170	913	.057	.118	.446	-.481
170	914	.078	.116	.477	-.343
170	915	-.064	.138	.508	-.544
170	916	.058	.112	.420	-.298
170	917	.073	.113	.478	-.293
170	918	-.022	.139	.509	-.564
170	919	.035	.124	.438	-.392
170	920	.111	.122	.552	-.303
170	921	.180	.131	.726	-.247
170	922	.024	.124	.424	-.422
170	923	.041	.116	.457	-.363
170	924	.041	.111	.434	-.404
170	925	.046	.111	.447	-.402
170	926	.082	.111	.506	-.327
170	927	.075	.114	.428	-.288
170	928	.070	.114	.447	-.298
170	929	.070	.119	.453	-.359
170	930	.079	.116	.444	-.295
170	931	.025	.117	.415	-.419
170	932	.036	.110	.414	-.310
170	933	.041	.111	.433	-.271
170	935	.077	.102	.434	-.268
170	936	.070	.103	.429	-.253
170	937	.075	.109	.470	-.300
170	938	.021	.108	.365	-.427
170	939	.044	.103	.407	-.256
170	940	.060	.102	.417	-.240
170	941	.069	.104	.408	-.268
170	942	.067	.106	.438	-.363
170	943	.034	.123	.541	-.491
170	944	.047	.113	.473	-.412
170	945	.067	.111	.533	-.256
170	946	.073	.112	.519	-.275
170	947	.068	.114	.496	-.291
170	948	.044	.118	.513	-.372
170	949	.040	.112	.471	-.326
170	950	.057	.111	.466	-.308

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	951	.082	.102	.488	-.279
170	952	.077	.103	.450	-.268
170	953	.071	.116	.439	-.307
170	954	.034	.103	.415	-.371
170	955	.065	.112	.498	-.393
170	956	.073	.110	.499	-.363
170	957	.067	.122	.467	-.367
170	958	.036	.123	.436	-.413
170	959	.057	.126	.477	-.478
170	960	-.009	.123	.484	-.505
170	961	.067	.125	.474	-.350
170	962	.067	.116	.463	-.346
170	963	.067	.115	.470	-.327
170	964	.072	.116	.469	-.315
170	965	.059	.117	.486	-.303
170	966	.036	.147	.566	-.501
170	967	.040	.125	.473	-.487
170	968	.070	.123	.508	-.419
170	969	.058	.124	.492	-.439
170	970	.107	.138	.599	-.307
170	971	.040	.119	.406	-.394
170	972	.057	.122	.460	-.353
170	973	.049	.121	.431	-.385
170	974	.049	.147	.548	-.491
170	975	.056	.142	.479	-.443
170	976	.047	.146	.485	-.524
170	977	.086	.139	.521	-.395
170	978	.084	.118	.605	-.390
170	979	.055	.124	.471	-.582
170	980	.044	.121	.397	-.516
170	981	.056	.118	.396	-.531
170	982	.068	.119	.416	-.344
170	983	.045	.129	.447	-.393
170	984	.024	.138	.441	-.769
170	985	.069	.121	.473	-.307
170	986	.071	.119	.468	-.316
180	1	.018	.136	.663	-.408
180	2	.024	.130	.449	-.409
180	3	-.014	.134	.370	-.516
180	4	.164	.153	.671	-.346
180	5	.070	.113	.501	-.386
180	6	.103	.114	.592	-.354
180	7	.085	.113	.494	-.362
180	8	.078	.113	.487	-.378
180	9	.147	.118	.555	-.268
180	10	.085	.123	.481	-.325
180	11	.127	.114	.516	-.268
180	12	.154	.122	.624	-.395
180	13	.046	.117	.470	-.467
180	14	.075	.106	.408	-.284
180	15	-.084	.136	.463	-.825
180	16	-.071	.130	.378	-.679
180	17	-.289	.157	1.033	-.114
180	18	-.045	.122	.369	-.563
180	101	.027	.129	.473	-.485
180	102	.045	.128	.478	-.380
180	103	-.074	.142	.342	-.601
180	104	-.007	.121	.396	-.449
180	105	.029	.120	.442	-.409
180	106	.029	.121	.403	-.418
180	107	.043	.129	.436	-.589
180	108	.009	.135	.392	-.447
180	109	.017	.127	.394	-.592
180	110	.004	.127	.393	-.586
180	111	-.008	.146	.522	-.570
180	112	.027	.134	.482	-.722
180	113	.024	.137	.490	-.529
180	114	.039	.136	.570	-.522
180	115	.049	.126	.486	-.330
180	116	.052	.122	.475	-.379
180	117	.047	.124	.467	-.394
180	118	.048	.125	.468	-.424
180	119	.054	.132	.560	-.390
180	120	.026	.128	.505	-.415
180	121	.016	.128	.490	-.443
180	122	.001	.130	.487	-.422
180	123	.015	.121	.516	-.443
180	124	.028	.120	.506	-.444
180	125	.040	.124	.528	-.415
180	126	.049	.123	.527	-.401
180	127	.046	.126	.470	-.420
180	128	.052	.124	.497	-.385
180	129	.057	.126	.492	-.403
180	130	.051	.128	.468	-.406
180	131	.021	.122	.476	-.376
180	132	.045	.123	.441	-.319
180	133	.021	.123	.485	-.371
180	134	.015	.121	.482	-.370
180	135	.020	.133	.482	-.423
180	136	.025	.131	.489	-.390
180	137	.036	.132	.498	-.412
180	138	.049	.132	.509	-.389
180	139	.054	.131	.489	-.386
180	140	.050	.131	.466	-.404
180	141	.053	.132	.499	-.384
180	142	.067	.135	.524	-.389
180	143	.044	.123	.447	-.363
180	144	-.001	.130	.402	-.456
180	145	.063	.125	.578	-.367
180	146	.063	.126	.566	-.368
180	147	-.022	.139	.424	-.598
180	148	.060	.126	.472	-.297
180	149	.036	.134	.496	-.523
180	150	.038	.118	.563	-.416
180	151	.082	.123	.482	-.406
180	152	-.005	.119	.418	-.444
180	153	.035	.118	.435	-.320
180	154	.047	.121	.485	-.349
180	155	.047	.121	.475	-.352
180	156	.040	.122	.472	-.345
180	157	.046	.121	.487	-.421
180	158	.043	.117	.451	-.400
180	159	.041	.123	.504	-.429
180	160	.060	.123	.515	-.399
180	161	.107	.138	.534	-.363
180	162	.091	.134	.588	-.354
180	163	.076	.132	.486	-.381
180	164	.060	.135	.500	-.410
180	165	.032	.126	.599	-.503
180	166	.060	.130	.618	-.419
180	167	.042	.129	.456	-.408
180	168	.026	.124	.523	-.449
180	169	.039	.138	.656	-.555
180	170	.029	.136	.658	-.485
180	171	.030	.136	.610	-.510
180	172	.036	.138	.678	-.522
180	173	.021	.131	.444	-.421
180	174	.023	.132	.484	-.434
180	175	.047	.131	.468	-.409
180	176	.062	.132	.543	-.420
180	177	.075	.126	.444	-.335
180	178	.060	.118	.439	-.344
180	179	.057	.118	.450	-.326
180	180	.075	.126	.521	-.377
180	181	.069	.125	.481	-.372
180	182	.047	.127	.554	-.397
180	183	.069	.132	.518	-.343
180	184	.031	.126	.500	-.345
180	185	.026	.115	.395	-.360
180	186	.030	.116	.400	-.376
180	187	.029	.118	.402	-.402
180	188	.037	.119	.463	-.365
180	189	.031	.124	.394	-.357
180	190	.047	.123	.459	-.387
180	191	.056	.123	.411	-.385
180	192	.060	.125	.498	-.382
180	193	.098	.127	.663	-.296
180	194	.121	.125	.684	-.304
180	195	.130	.129	.706	-.296
180	196	.099	.126	.738	-.353

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	197	.069	.122	.467	-.366
180	198	.067	.124	.713	-.349
180	199	.157	.130	.649	-.269
180	200	.074	.123	.606	-.322
180	201	.071	.135	.554	-.404
180	202	.048	.124	.437	-.378
180	203	.047	.126	.445	-.385
180	204	.071	.122	.500	-.325
180	205	.061	.126	.468	-.367
180	206	.087	.130	.487	-.370
180	207	.107	.139	.700	-.382
180	208	.107	.126	.530	-.314
180	209	.099	.119	.444	-.291
180	210	.097	.129	.485	-.310
180	211	.126	.144	.744	-.307
180	212	.112	.135	.695	-.290
180	213	.097	.135	.589	-.309
180	214	-.002	.119	.472	-.458
180	215	.036	.133	.444	-.502
180	301	.027	.119	.407	-.342
180	302	.014	.119	.391	-.373
180	303	.005	.093	.328	-.245
180	304	.025	.127	.481	-.459
180	305	.003	.131	.484	-.748
180	306	.012	.132	.442	-.582
180	307	.036	.128	.509	-.434
180	308	.032	.135	.488	-.439
180	309	.026	.138	.496	-.525
180	310	-.002	.156	.500	-.768
180	311	.014	.140	.506	-.511
180	312	.033	.134	.437	-.470
180	313	.027	.133	.441	-.481
180	314	-.044	.178	.486	-.793
180	315	.018	.126	.451	-.394
180	316	.019	.151	.463	-.519
180	317	.019	.142	.477	-.560
180	318	.002	.157	.477	-.642
180	319	.041	.129	.457	-.414
180	320	.046	.127	.614	-.354
180	321	.047	.124	.620	-.375
180	322	.017	.146	.579	-.541
180	323	-.018	.142	.565	-.564
180	324	-.025	.169	.504	-1.003
180	325	.050	.125	.474	-.446
180	326	.062	.117	.523	-.359
180	327	.093	.123	.579	-.338
180	328	.039	.119	.427	-.451
180	329	.038	.123	.459	-.431
180	330	.031	.128	.460	-.615
180	331	.001	.148	.472	-.710
180	332	.018	.135	.454	-.643
180	333	-.013	.150	.466	-.630
180	334	.058	.116	.435	-.398
180	335	.039	.115	.417	-.422
180	336	.043	.112	.438	-.334
180	337	.046	.115	.455	-.369
180	338	.065	.117	.475	-.334
180	339	.047	.116	.478	-.359
180	340	.057	.129	.501	-.399
180	341	.062	.126	.496	-.369
180	342	.054	.138	.501	-.983
180	343	.064	.129	.503	-.537
180	344	.078	.121	.625	-.333
180	345	.072	.120	.570	-.350
180	346	.078	.121	.567	-.322
180	347	.085	.121	.581	-.313
180	348	.070	.121	.486	-.336
180	349	.030	.134	.437	-.430
180	350	.056	.127	.462	-.367
180	351	.048	.131	.460	-.384
180	352	.078	.122	.504	-.322
180	353	.095	.117	.514	-.305
180	354	.077	.122	.487	-.347
180	355	.093	.119	.493	-.324
180	356	.091	.132	.474	-.372
180	357	.091	.130	.467	-.375
180	358	.093	.128	.460	-.364
180	359	.093	.130	.477	-.378
180	360	.092	.118	.515	-.358
180	361	.086	.120	.551	-.375
180	362	.091	.120	.550	-.344
180	363	.084	.124	.533	-.399
180	364	.085	.117	.523	-.334
180	365	.050	.116	.459	-.327
180	366	.063	.115	.450	-.319
180	367	.079	.118	.474	-.321
180	368	.053	.120	.463	-.378
180	369	.045	.126	.442	-.496
180	370	.073	.129	.502	-.445
180	371	.072	.134	.525	-.394
180	372	.085	.118	.488	-.383
180	373	.113	.119	.533	-.355
180	374	.041	.122	.477	-.448
180	375	.064	.119	.493	-.450
180	376	.115	.126	.535	-.313
180	377	.147	.129	.588	-.262
180	401	.014	.145	.541	-.515
180	402	.136	.138	.720	-.229
180	403	.106	.136	.602	-.355
180	404	.130	.151	.745	-.335
180	405	.112	.147	.704	-.331
180	406	.104	.135	.611	-.319
180	407	-.002	.135	.498	-.633
180	408	.046	.175	.987	-.725
180	409	.094	.132	.646	-.330
180	410	.145	.134	.729	-.290
180	411	.099	.199	.731	-.748
180	412	.151	.140	.668	-.311
180	413	.080	.122	.470	-.366
180	414	.134	.131	.565	-.379
180	415	.176	.150	.689	-.348
180	416	.149	.149	.936	-.281
180	417	.103	.127	.727	-.327
180	418	.054	.123	.785	-.325
180	419	.041	.120	.498	-.360
180	420	.060	.120	.488	-.370
180	421	.027	.135	.451	-.608
180	422	-.009	.128	.398	-.555
180	423	.143	.185	1.034	-.446
180	424	-.032	.122	.364	-.508
180	425	-.001	.116	.368	-.573
180	426	.126	.156	.672	-.425
180	427	.071	.122	.486	-.425
180	428	.158	.127	.908	-.233
180	429	.180	.130	.975	-.368
180	430	.179	.130	.831	-.226
180	431	.192	.128	.694	-.199
180	432	.131	.150	.795	-.385
180	433	.166	.141	.817	-.269
180	434	.178	.137	.847	-.221
180	435	.109	.130	.840	-.259
180	436	.071	.125	.506	-.437
180	437	.084	.123	.583	-.423
180	438	.052	.126	.485	-.528
180	439	.024	.117	.436	-.416
180	440	.001	.125	.477	-.430
180	441	.015	.123	.390	-.368
180	442	.184	.153	.717	-.239
180	443	.342	.198	1.056	-.427
180	444	.058	.116	.447	-.391
180	445	.294	.184	1.026	-.324
180	446	.057	.112	.414	-.405
180	447	.108	.106	.475	-.255
180	448	.113	.113	.590	-.356
180	449	.134	.112	.624	-.352
180	450	.158	.115	.608	-.306
180	451	.205	.136	.773	-.225
180	452	.219	.143	.738	-.266
180	453	.233	.140	.807	-.231
180	454	.177	.135	.631	-.256

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	455	.132	.127	.561	-.299
180	456	.144	.122	.590	-.275
180	457	.073	.154	.577	-.636
180	458	.097	.116	.527	-.292
180	459	.065	.115	.429	-.329
180	460	.067	.123	.449	-.387
180	461	.149	.134	.589	-.233
180	462	.237	.171	.877	-.259
180	463	.263	.122	.749	-.184
180	464	.203	.122	.599	-.239
180	465	.167	.129	.701	-.236
180	466	.079	.112	.478	-.308
180	467	.218	.131	.712	-.168
180	468	.189	.132	.757	-.229
180	469	.192	.133	.716	-.238
180	470	.220	.164	.888	-.423
180	471	.121	.115	.481	-.324
180	472	.203	.129	.733	-.196
180	473	.179	.125	.731	-.242
180	474	.201	.127	.725	-.221
180	475	.200	.158	.898	-.232
180	476	.075	.114	.497	-.356
180	477	.188	.133	.740	-.258
180	478	.078	.116	.459	-.333
180	479	.219	.137	.830	-.192
180	480	.111	.115	.589	-.289
180	481	.118	.114	.599	-.297
180	482	.103	.112	.547	-.296
180	483	.076	.110	.475	-.333
180	484	.127	.125	.676	-.287
180	485	.134	.124	.699	-.291
180	486	.143	.127	.688	-.298
180	487	.125	.127	.653	-.302
180	488	.132	.178	1.082	-.354
180	489	.296	.193	1.002	-.190
180	490	.157	.134	.702	-.293
180	491	.152	.133	.674	-.332
180	492	.153	.139	.618	-.517
180	493	.118	.131	.610	-.322
180	494	.118	.132	.635	-.328
180	495	.181	.149	.830	-.297
180	496	.216	.149	.934	-.438
180	501	.043	.129	.574	-.456
180	502	.030	.124	.583	-.441
180	503	.035	.122	.429	-.400
180	504	.043	.133	.504	-.390
180	505	.165	.238	1.256	-.633
180	506	.016	.174	.581	-.670
180	507	-.056	.144	.604	-.395
180	508	-.049	.142	.404	-.563
180	509	.048	.124	.470	-.423
180	510	.348	.207	1.115	-.306
180	511	.179	.166	.912	-.356
180	512	.005	.158	.489	-.666
180	513	.055	.121	.478	-.329
180	514	.027	.120	.410	-.367
180	515	.322	.191	1.067	-.335
180	516	.247	.181	1.116	-.405
180	517	.146	.163	.816	-.672
180	518	.116	.138	.582	-.470
180	519	.045	.121	.487	-.398
180	520	.022	.113	.401	-.351
180	521	.352	.175	1.104	-.168
180	522	.272	.159	.971	-.241
180	523	.059	.183	.883	-.566
180	524	.051	.126	.474	-.378
180	525	.029	.122	.428	-.412
180	526	.019	.125	.430	-.416
180	527	.271	.184	.945	-.379
180	528	.258	.177	.852	-.412
180	529	.069	.167	.730	-.760
180	530	.150	.138	.613	-.328
180	531	.057	.126	.505	-.403
180	532	.009	.123	.401	-.399
180	533	.009	.127	.522	-.435
180	534	.032	.123	.445	-.379
180	535	-.001	.126	.556	-.417
180	536	-.022	.124	.384	-.442
180	537	.196	.153	.840	-.296
180	538	-.009	.124	.385	-.394
180	539	.037	.126	.500	-.383
180	540	.161	.149	.791	-.296
180	541	.010	.127	.441	-.558
180	542	.018	.120	.418	-.421
180	543	-.043	.139	.422	-.627
180	544	-.030	.132	.449	-.525
180	545	.009	.134	.498	-.530
180	546	.281	.176	.946	-.255
180	547	.205	.137	.726	-.242
180	548	.088	.146	.732	-.363
180	549	.150	.126	.695	-.260
180	550	.257	.158	.810	-.263
180	551	.119	.126	.583	-.302
180	552	.130	.131	.589	-.267
180	553	.135	.132	.598	-.297
180	554	.035	.129	.535	-.461
180	555	.080	.118	.475	-.360
180	556	.059	.118	.482	-.353
180	557	.076	.123	.540	-.395
180	558	.071	.136	.547	-.328
180	559	.077	.129	.631	-.330
180	560	.082	.123	.504	-.336
180	561	.083	.131	.578	-.344
180	562	.076	.132	.609	-.368
180	563	.157	.131	.646	-.283
180	564	.190	.144	.758	-.269
180	565	.166	.135	.597	-.239
180	566	.166	.135	.603	-.255
180	567	.126	.150	.669	-.528
180	568	.165	.134	.667	-.285
180	569	.128	.129	.531	-.274
180	570	.168	.134	.658	-.262
180	571	.171	.134	.655	-.258
180	572	.057	.125	.488	-.385
180	573	.072	.126	.579	-.322
180	574	.074	.124	.573	-.342
180	575	.035	.128	.570	-.430
180	576	.074	.125	.456	-.360
180	577	.032	.127	.431	-.474
180	578	.042	.126	.438	-.456
180	579	.087	.127	.530	-.403
180	580	.091	.131	.481	-.375
180	581	.049	.129	.447	-.437
180	582	.029	.132	.412	-.393
180	583	.083	.130	.507	-.353
180	584	.107	.136	.591	-.317
180	585	.042	.127	.488	-.426
180	586	.038	.128	.530	-.372
180	901	.264	.173	.794	-.348
180	902	.136	.141	.845	-.366
180	903	-.004	.124	.439	-.655
180	904	.024	.109	.526	-.348
180	905	.028	.104	.474	-.325
180	906	.011	.104	.480	-.339
180	907	.014	.114	.373	-.406
180	908	-.041	.145	.460	-.538
180	909	.055	.094	.318	-.338
180	910	.039	.109	.433	-.342
180	911	.025	.112	.473	-.406
180	912	.018	.117	.519	-.405
180	913	.029	.120	.442	-.378
180	914	.051	.122	.476	-.415
180	915	-.042	.141	.435	-.718
180	916	.036	.108	.411	-.477
180	917	.053	.111	.459	-.360
180	918	-.002	.135	.483	-.771
180	919	.017	.112	.381	-.354
180	920	.039	.114	.373	-.345
180	921	.130	.122	.562	-.279
180	922	.012	.110	.386	-.469

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	923	.023	.109	.392	-.354	180	974	.025	.128	.550	-.388	190	120	-.007	.118	.342	-.443
180	924	.021	.106	.376	-.351	180	975	.039	.125	.517	-.430	190	121	-.014	.117	.329	-.476
180	925	.030	.106	.384	-.330	180	976	.028	.128	.539	-.444	190	122	-.014	.118	.334	-.478
180	926	.035	.107	.434	-.311	180	977	.070	.131	.509	-.325	190	123	-.015	.118	.430	-.395
180	927	.044	.109	.389	-.354	180	978	.055	.111	.447	-.366	190	124	.001	.114	.451	-.367
180	928	.040	.110	.366	-.337	180	979	.024	.128	.480	-.407	190	125	.008	.117	.411	-.381
180	929	.052	.131	.490	-.418	180	980	.029	.124	.446	-.357	190	126	.014	.117	.414	-.361
180	930	.050	.117	.447	-.382	180	981	.035	.124	.448	-.374	190	127	.019	.124	.394	-.415
180	931	.005	.112	.408	-.388	180	982	.036	.125	.484	-.429	190	128	.027	.121	.404	-.378
180	932	.020	.105	.372	-.310	180	983	.024	.132	.476	-.404	190	129	.021	.124	.414	-.405
180	933	.027	.106	.395	-.268	180	984	.015	.137	.513	-.639	190	130	.016	.125	.409	-.398
180	935	.052	.115	.435	-.303	180	985	.061	.127	.549	-.327	190	131	-.011	.132	.458	-.435
180	936	.050	.114	.418	-.341	180	986	.043	.126	.505	-.342	190	132	.004	.134	.497	-.460
180	937	.057	.120	.404	-.399	190	1	.005	.131	.449	-.412	190	133	-.011	.131	.455	-.444
180	938	.016	.119	.402	-.389	190	2	.025	.125	.443	-.409	190	134	-.010	.130	.473	-.445
180	939	.025	.104	.501	-.317	190	3	-.031	.130	.352	-.566	190	135	-.018	.127	.377	-.438
180	940	.037	.102	.476	-.284	190	4	.148	.141	.657	-.289	190	136	-.014	.125	.378	-.386
180	941	.044	.104	.497	-.268	190	5	.040	.112	.410	-.302	190	137	-.008	.125	.400	-.370
180	942	.044	.105	.464	-.274	190	6	.091	.110	.480	-.294	190	138	.004	.123	.405	-.368
180	943	.016	.105	.353	-.472	190	7	.070	.117	.528	-.289	190	139	.007	.123	.409	-.420
180	944	.028	.100	.360	-.443	190	8	.053	.112	.414	-.337	190	140	-.012	.125	.397	-.485
180	945	.034	.100	.345	-.429	190	9	.063	.158	.657	-.525	190	141	-.008	.126	.404	-.468
180	946	.041	.101	.364	-.388	190	10	.010	.170	.486	-.763	190	142	-.002	.131	.435	-.491
180	947	.048	.105	.398	-.322	190	11	.165	.132	.626	-.248	190	143	.006	.117	.425	-.540
180	948	.032	.110	.363	-.325	190	12	.172	.133	.619	-.224	190	144	-.027	.125	.382	-.569
180	949	.032	.104	.358	-.319	190	13	.004	.128	.437	-.549	190	145	.026	.129	.427	-.433
180	950	.042	.105	.374	-.325	190	14	.032	.118	.455	-.401	190	146	.022	.128	.415	-.429
180	951	.053	.107	.426	-.304	190	15	-.144	.163	.412	-.902	190	147	-.024	.127	.377	-.526
180	952	.054	.106	.424	-.329	190	16	-.141	.166	.333	-1.166	190	148	.029	.118	.446	-.401
180	953	.057	.114	.461	-.326	190	17	.265	.171	.922	-.262	190	149	-.010	.129	.415	-.560
180	954	.021	.104	.414	-.317	190	18	-.069	.126	.349	-.577	190	150	.001	.128	.412	-.482
180	955	.038	.106	.410	-.332	190	101	-.011	.129	.465	-.411	190	151	.067	.131	.523	-.338
180	956	.049	.102	.386	-.321	190	102	-.014	.129	.500	-.370	190	152	-.018	.129	.391	-.582
180	957	.053	.127	.450	-.339	190	103	-.047	.144	.405	-.638	190	153	.001	.120	.474	-.499
180	958	.041	.127	.493	-.340	190	104	-.014	.126	.410	-.431	190	154	.002	.122	.460	-.457
180	959	-.047	.134	.466	-.388	190	105	.002	.125	.401	-.484	190	155	-.004	.121	.452	-.472
180	960	-.012	.123	.404	-.540	190	106	.009	.124	.399	-.423	190	156	-.011	.123	.446	-.473
180	961	.064	.131	.491	-.506	190	107	.014	.124	.455	-.389	190	157	.004	.129	.412	-.464
180	962	.041	.122	.458	-.424	190	108	-.021	.129	.406	-.508	190	158	.001	.125	.414	-.409
180	963	.046	.121	.421	-.398	190	109	-.021	.123	.398	-.447	190	159	-.004	.129	.434	-.445
180	964	.042	.122	.422	-.402	190	110	-.028	.125	.354	-.488	190	160	.025	.129	.434	-.401
180	965	.037	.125	.430	-.424	190	111	-.029	.134	.508	-.645	190	161	.095	.126	.649	-.315
180	966	.019	.137	.454	-.498	190	112	-.015	.127	.503	-.477	190	162	.086	.122	.578	-.315
180	967	.037	.119	.427	-.382	190	113	-.011	.129	.481	-.745	190	163	.054	.119	.496	-.357
180	968	.044	.121	.470	-.409	190	114	.003	.127	.458	-.373	190	164	.005	.122	.488	-.412
180	969	.029	.121	.472	-.428	190	115	.002	.134	.421	-.470	190	165	-.012	.133	.395	-.499
180	970	.080	.151	.623	-.439	190	116	.009	.132	.431	-.451	190	166	.026	.131	.524	-.412
180	971	.035	.137	.474	-.387	190	117	.002	.133	.402	-.449	190	167	.009	.127	.468	-.422
180	972	.036	.138	.512	-.516	190	118	.010	.134	.405	-.486	190	168	.015	.129	.429	-.410
180	973	.025	.138	.474	-.407	190	119	.017	.118	.403	-.377	190	169	.016	.135	.512	-.407

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	170	-.002	.129	.530	-.538
190	171	-.001	.131	.532	-.467
190	172	-.005	.129	.477	-.444
190	173	-.023	.133	.461	-.671
190	174	-.014	.140	.473	-.586
190	175	.025	.127	.482	-.425
190	176	.025	.125	.509	-.419
190	177	.049	.131	.571	-.402
190	178	.036	.122	.468	-.387
190	179	.033	.122	.423	-.381
190	180	.037	.129	.569	-.428
190	181	.036	.122	.426	-.419
190	182	.036	.125	.490	-.358
190	183	.050	.130	.562	-.437
190	184	.004	.139	.583	-.545
190	185	.003	.126	.726	-.464
190	186	-.003	.130	.597	-.560
190	187	-.011	.131	.505	-.574
190	188	-.008	.130	.445	-.517
190	189	-.012	.137	.433	-.618
190	190	.009	.134	.513	-.439
190	191	.030	.133	.545	-.438
190	192	.043	.135	.462	-.481
190	193	.072	.124	.559	-.341
190	194	.087	.123	.592	-.310
190	195	.104	.127	.616	-.419
190	196	.086	.127	.635	-.336
190	197	.031	.127	.439	-.458
190	198	.034	.128	.562	-.486
190	199	.111	.134	.568	-.393
190	200	.057	.131	.534	-.450
190	201	.058	.144	.626	-.429
190	202	.026	.132	.624	-.560
190	203	.021	.133	.533	-.524
190	204	.044	.128	.425	-.548
190	205	.030	.131	.503	-.464
190	206	.091	.143	.675	-.383
190	207	.101	.151	.872	-.395
190	208	.090	.131	.629	-.362
190	209	.079	.128	.571	-.393
190	210	.089	.128	.541	-.368
190	211	.109	.144	.604	-.410
190	212	.095	.136	.578	-.364
190	213	.085	.133	.535	-.385
190	214	-.022	.129	.393	-.573
190	215	.005	.135	.469	-.504
190	301	-.004	.121	.444	-.478
190	302	-.026	.119	.408	-.467
190	303	-.030	.091	.299	-.333
190	304	-.020	.124	.458	-.545
190	305	-.050	.137	.420	-.588
190	306	-.012	.136	.545	-.478
190	307	-.017	.128	.458	-.497
190	308	-.013	.132	.465	-.434
190	309	-.021	.136	.482	-.584
190	310	-.103	.186	.536	-.912
190	311	-.028	.139	.574	-.585
190	312	-.005	.138	.457	-.490
190	313	-.000	.136	.461	-.491
190	314	-.138	.211	.429	-1.148
190	315	-.020	.120	.358	-.442
190	316	-.096	.161	.440	-.769
190	317	-.051	.144	.454	-.733
190	318	-.123	.188	.417	-.988
190	319	-.013	.128	.434	-.455
190	320	-.010	.141	.525	-.696
190	321	-.004	.135	.507	-.473
190	322	-.071	.174	.627	-.687
190	323	-.051	.159	.551	-.760
190	324	-.118	.179	.402	-.885
190	325	-.004	.122	.440	-.373
190	326	.017	.118	.441	-.364
190	327	.073	.125	.582	-.332
190	328	.006	.119	.421	-.425
190	329	.009	.126	.446	-.433
190	330	-.005	.130	.420	-.467
190	331	-.066	.164	.429	-.846
190	332	-.049	.131	.454	-.914
190	333	-.101	.160	.424	-.948
190	334	-.003	.120	.421	-.395
190	335	-.003	.112	.469	-.352
190	336	.010	.120	.438	-.418
190	337	.011	.127	.441	-.460
190	338	.016	.132	.465	-.463
190	339	.014	.127	.458	-.474
190	340	.022	.120	.402	-.431
190	341	.050	.116	.430	-.369
190	342	.058	.118	.435	-.398
190	343	.058	.120	.481	-.383
190	344	.048	.130	.603	-.401
190	345	.053	.128	.596	-.351
190	346	.041	.129	.556	-.357
190	347	.048	.129	.546	-.363
190	348	.029	.118	.449	-.331
190	349	-.028	.134	.372	-.486
190	350	.002	.126	.417	-.498
190	351	-.018	.132	.401	-.493
190	352	.037	.128	.525	-.378
190	353	.080	.122	.519	-.325
190	354	.076	.123	.513	-.346
190	355	.082	.121	.500	-.337
190	356	.064	.118	.483	-.442
190	357	.061	.116	.466	-.460
190	358	.059	.115	.453	-.422
190	359	.052	.117	.471	-.448
190	360	.056	.129	.480	-.358
190	361	.037	.126	.462	-.372
190	362	.041	.127	.474	-.361
190	363	.007	.136	.464	-.479
190	364	.039	.135	.463	-.399
190	365	.030	.126	.419	-.399
190	366	.046	.126	.447	-.384
190	367	.057	.130	.474	-.403
190	368	.023	.113	.437	-.418
190	369	.012	.128	.424	-.649
190	370	.033	.134	.495	-.790
190	371	.024	.126	.499	-.437
190	372	.059	.120	.499	-.422
190	373	.095	.122	.548	-.332
190	374	-.002	.121	.451	-.481
190	375	.029	.119	.446	-.474
190	376	.082	.131	.613	-.335
190	377	.116	.132	.667	-.307
190	401	-.003	.170	.707	-.528
190	402	.186	.156	.759	-.249
190	403	.133	.149	.738	-.422
190	404	.195	.186	.936	-.335
190	405	.164	.186	1.082	-.401
190	406	.143	.166	.835	-.415
190	407	-.038	.128	.405	-.412
190	408	-.014	.139	.406	-.534
190	409	.106	.153	.613	-.337
190	410	.163	.150	.657	-.343
190	411	-.012	.157	.525	-.865
190	412	.165	.143	.701	-.363
190	413	.110	.137	.765	-.411
190	414	.168	.145	.825	-.364
190	415	.233	.170	.884	-.234
190	416	.187	.176	1.142	-.305
190	417	.125	.149	.973	-.290
190	418	.062	.138	.619	-.374
190	419	.054	.134	.624	-.421
190	420	.076	.134	.634	-.422
190	421	-.077	.159	.343	-1.185
190	422	-.041	.119	.320	-.605
190	423	-.008	.137	.670	-.474
190	424	-.028	.122	.482	-.517
190	425	-.030	.118	.452	-.553
190	426	.011	.148	.580	-.647
190	427	.080	.140	.686	-.424

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	428	.189	.152	.764	-.258
190	429	.203	.153	.799	-.252
190	430	.199	.155	.794	-.255
190	431	.210	.150	.765	-.187
190	432	.205	.164	.788	-.496
190	433	.189	.147	.761	-.273
190	434	.208	.155	.922	-.225
190	435	.136	.146	.712	-.378
190	436	.148	.150	.684	-.388
190	437	.156	.146	.712	-.386
190	438	-.070	.201	.396	-1.042
190	439	-.011	.122	.401	-.430
190	440	-.014	.133	.507	-.494
190	441	-.005	.133	.449	-.423
190	442	.061	.138	.638	-.388
190	443	.174	.217	.912	-.483
190	444	.037	.122	.457	-.419
190	445	.215	.210	.947	-.490
190	446	.022	.111	.473	-.368
190	447	.097	.104	.455	-.248
190	448	.106	.118	.460	-.386
190	449	.129	.117	.466	-.277
190	450	.152	.123	.512	-.272
190	451	.217	.146	.741	-.289
190	452	.220	.147	.911	-.201
190	453	.239	.144	.913	-.166
190	454	.189	.138	.725	-.282
190	455	.175	.140	.820	-.321
190	456	.171	.127	.673	-.610
190	457	-.009	.195	.509	-.896
190	458	.042	.127	.406	-.465
190	459	.024	.122	.371	-.381
190	460	.021	.127	.470	-.557
190	461	.082	.134	.612	-.390
190	462	.161	.211	.946	-.395
190	463	.240	.139	.718	-.237
190	464	.180	.131	.620	-.327
190	465	.170	.130	.640	-.265
190	466	.033	.122	.457	-.431
190	467	.177	.139	.801	-.274
190	468	.173	.125	.623	-.244
190	469	.192	.126	.683	-.218
190	470	.143	.167	.762	-.457
190	471	.112	.112	.548	-.250
190	472	.196	.134	.885	-.266
190	473	.185	.133	.730	-.274
190	474	.216	.137	.745	-.249
190	475	.137	.159	.805	-.369
190	476	.094	.137	.504	-.430
190	477	.163	.137	.712	-.268
190	478	.042	.135	.484	-.400
190	479	.122	.157	.865	-.341
190	480	.118	.111	.522	-.291
190	481	.059	.108	.450	-.321
190	482	.094	.104	.621	-.313
190	483	.054	.103	.463	-.399
190	484	.114	.131	.584	-.382
190	485	.143	.140	.643	-.375
190	486	.140	.139	.637	-.384
190	487	.124	.139	.690	-.387
190	488	.118	.167	.967	-.462
190	489	.219	.213	.984	-.275
190	490	.200	.156	.851	-.292
190	491	.121	.145	.602	-.389
190	492	.046	.137	.556	-.487
190	493	.069	.136	.523	-.475
190	494	.075	.137	.539	-.488
190	495	.118	.154	.826	-.381
190	496	.165	.180	.740	-.496
190	501	.048	.171	.888	-.569
190	502	-.026	.144	.453	-.508
190	503	-.010	.140	.461	-.465
190	504	-.010	.149	.647	-.568
190	505	.053	.195	1.239	-.571
190	506	.001	.158	.602	-.675
190	507	-.036	.144	.420	-.696
190	508	-.055	.149	.374	-.967
190	509	-.017	.128	.386	-.427
190	510	.154	.259	1.304	-.492
190	511	.108	.174	.703	-.525
190	512	-.085	.156	.390	-.661
190	513	.004	.129	.427	-.493
190	514	-.009	.129	.411	-.473
190	515	.218	.244	1.069	-.649
190	516	.171	.188	.868	-.473
190	517	.147	.165	.761	-.551
190	518	.047	.131	.536	-.455
190	519	.013	.126	.469	-.415
190	520	.002	.130	.398	-.518
190	521	.208	.248	1.126	-.436
190	522	.144	.190	.876	-.412
190	523	-.052	.164	.570	-.741
190	524	.016	.140	.416	-.431
190	525	.005	.139	.402	-.444
190	526	-.003	.140	.399	-.482
190	527	.170	.240	1.011	-.652
190	528	.130	.184	.749	-.420
190	529	-.029	.159	.498	-.613
190	530	.062	.142	.568	-.405
190	531	.011	.139	.521	-.465
190	532	-.014	.136	.437	-.555
190	533	-.013	.128	.401	-.488
190	534	-.002	.138	.462	-.606
190	535	-.030	.136	.416	-.587
190	536	-.043	.137	.398	-.608
190	537	.096	.156	.666	-.510
190	538	-.026	.131	.439	-.461
190	539	.005	.131	.454	-.441
190	540	.067	.153	.712	-.551
190	541	-.012	.138	.451	-.504
190	542	-.007	.132	.473	-.486
190	543	-.039	.143	.470	-.698
190	544	-.029	.140	.451	-.649
190	545	-.003	.125	.436	-.440
190	546	.175	.195	.838	-.447
190	547	.116	.157	.790	-.399
190	548	.007	.149	.593	-.487
190	549	.078	.137	.672	-.374
190	550	.184	.170	1.052	-.466
190	551	.084	.146	.549	-.529
190	552	.092	.154	.578	-.525
190	553	.102	.156	.618	-.519
190	554	.003	.134	.471	-.588
190	555	.037	.129	.535	-.513
190	556	.018	.128	.478	-.487
190	557	.038	.132	.536	-.478
190	558	.042	.126	.552	-.426
190	559	.049	.140	.648	-.505
190	560	.038	.123	.436	-.399
190	561	.056	.142	.627	-.505
190	562	.047	.143	.602	-.512
190	563	.094	.129	.507	-.411
190	564	.143	.153	.669	-.366
190	565	.112	.134	.535	-.437
190	566	.113	.136	.551	-.469
190	567	.058	.146	.526	-.529
190	568	.100	.141	.518	-.356
190	569	.073	.134	.483	-.319
190	570	.110	.141	.514	-.327
190	571	.106	.140	.515	-.333
190	572	.010	.132	.470	-.412
190	573	.029	.132	.446	-.403
190	574	.031	.131	.451	-.367
190	575	-.001	.132	.461	-.426
190	576	.031	.131	.528	-.389
190	577	-.021	.138	.482	-.517
190	578	-.000	.133	.445	-.538
190	579	.066	.129	.545	-.363
190	580	.078	.132	.452	-.414
190	581	-.008	.130	.393	-.445

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	582	-.033	.133	.393	-.468
190	583	.047	.134	.481	-.468
190	584	.080	.129	.530	-.348
190	585	.004	.119	.467	-.393
190	586	.015	.124	.443	-.407
190	901	.189	.205	1.005	-.513
190	902	.177	.174	.834	-.393
190	903	-.069	.142	.384	-.663
190	904	-.008	.123	.439	-.475
190	905	-.024	.122	.379	-.555
190	906	-.037	.131	.374	-.690
190	907	-.032	.127	.405	-.453
190	908	-.018	.148	.442	-.664
190	909	.007	.095	.345	-.346
190	910	-.021	.120	.354	-.660
190	911	-.014	.119	.398	-.453
190	912	-.028	.125	.445	-.492
190	913	.009	.124	.489	-.538
190	914	.025	.127	.515	-.469
190	915	-.028	.145	.571	-.530
190	916	.022	.116	.453	-.344
190	917	.020	.118	.507	-.409
190	918	.003	.134	.565	-.490
190	919	.008	.119	.422	-.362
190	920	.005	.125	.472	-.616
190	921	.077	.123	.541	-.362
190	922	.009	.119	.456	-.387
190	923	-.002	.117	.489	-.399
190	924	.012	.113	.485	-.398
190	925	.006	.112	.443	-.409
190	926	.026	.112	.397	-.399
190	927	.013	.113	.432	-.362
190	928	.018	.111	.400	-.344
190	929	-.008	.129	.543	-.516
190	930	.016	.117	.438	-.342
190	931	-.004	.113	.377	-.395
190	932	.006	.107	.365	-.357
190	933	.010	.107	.388	-.357
190	935	.014	.117	.441	-.366
190	936	.014	.117	.434	-.420
190	937	.001	.127	.390	-.529
190	938	-.008	.121	.453	-.449
190	939	.002	.114	.399	-.395
190	940	.014	.112	.400	-.439
190	941	.017	.112	.388	-.384
190	942	.008	.116	.412	-.446
190	943	.002	.117	.389	-.569
190	944	.020	.110	.367	-.329
190	945	.018	.111	.375	-.390
190	946	.016	.112	.397	-.393

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	947	.011	.110	.357	-.377
190	948	.014	.113	.378	-.368
190	949	.015	.110	.388	-.375
190	950	.013	.110	.376	-.346
190	951	.018	.108	.356	-.329
190	952	.019	.108	.398	-.348
190	953	.030	.117	.433	-.334
190	954	.011	.109	.362	-.360
190	955	.014	.118	.419	-.368
190	956	.022	.115	.422	-.381
190	957	.010	.130	.496	-.551
190	958	.014	.131	.480	-.471
190	959	-.008	.134	.447	-.542
190	960	.007	.128	.443	-.544
190	961	.005	.133	.458	-.482
190	962	.005	.123	.366	-.386
190	963	.007	.119	.392	-.370
190	964	.003	.122	.391	-.414
190	965	.002	.119	.369	-.389
190	966	.004	.126	.594	-.424
190	967	.017	.113	.572	-.425
190	968	.004	.114	.540	-.421
190	969	-.004	.115	.531	-.392
190	970	.036	.132	.516	-.407
190	971	.016	.124	.575	-.434
190	972	.003	.128	.528	-.437
190	973	-.007	.126	.505	-.405
190	974	-.022	.131	.483	-.504
190	975	.007	.125	.460	-.432
190	976	-.009	.128	.467	-.548
190	977	.032	.125	.516	-.390
190	978	.030	.125	.462	-.365
190	979	.009	.126	.388	-.471
190	980	.019	.124	.407	-.431
190	981	.023	.128	.493	-.405
190	982	.014	.129	.418	-.396
190	983	-.018	.131	.391	-.476
190	984	-.063	.149	.431	-.708
190	985	.022	.128	.459	-.367
190	986	.010	.131	.466	-.403
200	1	-.010	.138	.470	-.717
200	2	.006	.128	.446	-.412
200	3	-.031	.136	.468	-.501
200	4	.094	.143	.561	-.338
200	5	-.009	.118	.351	-.399
200	6	.075	.123	.495	-.357
200	7	.007	.118	.391	-.437
200	8	.914	.122	.393	-.428
200	9	-.102	.166	.346	-.840
200	10	-.171	.198	.369	-1.132

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	11	.189	.171	.828	-.348
200	12	.140	.139	.730	-.373
200	13	-.006	.129	.421	-.626
200	14	-.007	.121	.414	-.505
200	15	-.141	.159	.388	-1.078
200	16	-.158	.175	.366	-1.172
200	17	.179	.177	.783	-.319
200	18	-.111	.137	.291	-.764
200	101	-.037	.128	.409	-.509
200	102	-.015	.123	.422	-.580
200	103	-.060	.129	.400	-.697
200	104	-.075	.128	.365	-1.091
200	105	-.037	.119	.384	-.441
200	106	-.037	.119	.381	-.450
200	107	-.038	.118	.350	-.426
200	108	-.038	.128	.432	-.553
200	109	-.058	.120	.370	-.497
200	110	-.062	.122	.377	-.627
200	111	-.030	.125	.384	-.473
200	112	-.044	.123	.399	-.518
200	113	-.033	.125	.390	-.573
200	114	-.020	.127	.354	-.496
200	115	-.026	.127	.370	-.487
200	116	-.027	.124	.380	-.394
200	117	-.032	.126	.415	-.414
200	118	-.024	.127	.477	-.407
200	119	-.029	.128	.377	-.362
200	120	-.048	.125	.350	-.527
200	121	-.045	.124	.359	-.511
200	122	-.042	.125	.342	-.644
200	123	-.033	.115	.410	-.391
200	124	-.031	.114	.402	-.394
200	125	-.016	.115	.399	-.369
200	126	-.019	.114	.400	-.364
200	127	-.024	.119	.322	-.436
200	128	-.022	.117	.341	-.418
200	129	-.037	.121	.383	-.432
200	130	-.039	.124	.342	-.451
200	131	-.037	.118	.392	-.465
200	132	-.061	.124	.408	-.506
200	133	-.036	.117	.397	-.453
200	134	-.031	.115	.398	-.466
200	135	-.035	.122	.392	-.504
200	136	-.036	.119	.384	-.494
200	137	-.030	.122	.378	-.518
200	138	-.021	.120	.375	-.459
200	139	-.031	.119	.314	-.504
200	140	-.071	.122	.312	-.534
200	141	-.063	.123	.310	-.507
200	142	-.066	.127	.327	-.536

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	143	-.032	.114	.360	-.501
200	144	-.035	.118	.353	-.553
200	145	-.013	.116	.338	-.400
200	146	-.022	.110	.318	-.416
200	147	-.048	.122	.345	-.494
200	148	-.031	.121	.380	-.495
200	149	-.056	.122	.369	-.543
200	150	-.036	.122	.366	-.501
200	151	.039	.124	.538	-.457
200	152	-.038	.118	.341	-.441
200	153	-.039	.131	.435	-.614
200	154	-.061	.137	.492	-.650
200	155	-.071	.137	.453	-.651
200	156	-.082	.141	.442	-.633
200	157	-.018	.135	.485	-.454
200	158	-.027	.125	.433	-.459
200	159	-.029	.129	.425	-.466
200	160	.009	.128	.454	-.399
200	161	.072	.128	.519	-.337
200	162	.055	.126	.495	-.344
200	163	.020	.122	.529	-.359
200	164	-.054	.128	.419	-.446
200	165	-.066	.130	.381	-.602
200	166	-.011	.120	.416	-.386
200	167	-.025	.123	.535	-.560
200	168	-.008	.128	.498	-.434
200	169	-.017	.143	.461	-.482
200	170	-.028	.136	.375	-.525
200	171	-.031	.138	.603	-.511
200	172	-.040	.130	.380	-.578
200	173	-.065	.136	.435	-.664
200	174	-.054	.141	.447	-.551
200	175	.012	.133	.430	-.519
200	176	.000	.128	.485	-.447
200	177	.004	.128	.492	-.467
200	178	-.001	.118	.406	-.465
200	179	.004	.120	.439	-.408
200	180	-.003	.124	.491	-.405
200	181	-.001	.127	.485	-.417
200	182	.009	.128	.585	-.431
200	183	.017	.139	.597	-.459
200	184	-.005	.147	.591	-.566
200	185	-.012	.141	.482	-.450
200	186	-.028	.139	.632	-.568
200	187	-.052	.137	.393	-.615
200	188	-.047	.132	.412	-.491
200	189	-.045	.132	.388	-.518
200	190	-.018	.131	.395	-.508
200	191	.003	.129	.465	-.499
200	192	.021	.132	.477	-.516
200	193	.047	.130	.527	-.424
200	194	.066	.132	.637	-.380
200	195	.079	.136	.709	-.420
200	196	.055	.130	.514	-.481
200	197	-.007	.121	.326	-.436
200	198	-.001	.121	.585	-.413
200	199	.079	.130	.576	-.355
200	200	.051	.131	.494	-.395
200	201	.041	.136	.721	-.382
200	202	-.002	.132	.555	-.429
200	203	.017	.141	.542	-.508
200	204	.017	.124	.527	-.370
200	205	.020	.131	.519	-.536
200	206	.109	.146	.589	-.443
200	207	.110	.150	.627	-.472
200	208	.086	.130	.517	-.412
200	209	.085	.132	.581	-.308
200	210	.077	.126	.580	-.363
200	211	.095	.149	.861	-.362
200	212	.065	.134	.611	-.424
200	213	.065	.133	.782	-.387
200	214	-.039	.118	.354	-.482
200	215	-.040	.126	.384	-.613
200	301	-.038	.125	.419	-.495
200	302	-.081	.127	.332	-.517
200	303	-.078	.096	.221	-.382
200	304	-.053	.132	.385	-.721
200	305	-.094	.148	.364	-.871
200	306	-.038	.152	.615	-.673
200	307	-.071	.138	.393	-.694
200	308	-.072	.134	.384	-.504
200	309	-.083	.138	.394	-.549
200	310	-.290	.198	.259	-1.050
200	311	-.075	.143	.401	-.549
200	312	-.047	.128	.379	-.569
200	313	-.049	.127	.377	-.621
200	314	-.166	.229	.649	-1.373
200	315	-.092	.121	.414	-.571
200	316	-.204	.187	.424	-.841
200	317	-.097	.147	.425	-.708
200	318	-.202	.213	.434	-1.056
200	319	-.041	.132	.390	-.464
200	320	-.066	.138	.331	-.514
200	321	-.056	.132	.324	-.481
200	322	-.207	.171	.330	-.987
200	323	-.110	.142	.336	-1.010
200	324	-.188	.196	.436	-1.125
200	325	-.062	.126	.353	-.486
200	326	-.018	.113	.333	-.380
200	327	.048	.121	.489	-.347
200	328	-.055	.132	.380	-.488
200	329	-.053	.132	.392	-.471
200	330	-.054	.137	.349	-.601
200	331	-.161	.177	.330	-.917
200	332	-.101	.130	.383	-.625
200	333	-.198	.171	.414	-.820
200	334	-.082	.122	.440	-.569
200	335	-.050	.112	.408	-.427
200	336	-.031	.122	.364	-.439
200	337	-.067	.129	.334	-.495
200	338	-.060	.135	.386	-.535
200	339	-.036	.132	.409	-.442
200	340	-.027	.126	.363	-.530
200	341	-.006	.121	.433	-.429
200	342	.021	.124	.402	-.477
200	343	.019	.123	.430	-.454
200	344	.011	.117	.395	-.444
200	345	-.001	.115	.390	-.449
200	346	-.004	.118	.396	-.499
200	347	.003	.117	.384	-.502
200	348	.006	.120	.415	-.400
200	349	-.090	.143	.414	-.595
200	350	-.037	.130	.433	-.483
200	351	-.063	.138	.397	-.612
200	352	.004	.132	.512	-.482
200	353	.052	.126	.499	-.376
200	354	.048	.127	.515	-.415
200	355	.053	.126	.505	-.371
200	356	.047	.115	.406	-.421
200	357	.035	.114	.401	-.426
200	358	.030	.114	.381	-.445
200	359	.034	.115	.405	-.442
200	360	.028	.118	.442	-.435
200	361	-.007	.120	.376	-.490
200	362	-.009	.119	.380	-.471
200	363	-.048	.134	.379	-.642
200	364	-.007	.116	.413	-.417
200	365	-.016	.114	.414	-.468
200	366	-.007	.112	.390	-.461
200	367	.029	.113	.459	-.425
200	368	-.017	.117	.482	-.415
200	369	-.054	.143	.495	-.597
200	370	-.060	.149	.502	-.630
200	371	-.007	.128	.453	-.457
200	372	.041	.118	.488	-.420
200	373	.087	.121	.555	-.360
200	374	-.045	.129	.465	-.552
200	375	.024	.135	.575	-.466
200	376	.073	.118	.579	-.348
200	377	.089	.122	.626	-.285

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	401	-.037	.169	.601	-.675
200	402	.169	.147	.821	-.251
200	403	.151	.156	.881	-.347
200	404	.200	.175	.768	-.302
200	405	.173	.176	.814	-.305
200	406	.164	.170	.841	-.398
200	407	-.075	.142	.391	-.654
200	408	-.068	.140	.360	-.737
200	409	.097	.157	.757	-.352
200	410	.166	.158	.824	-.382
200	411	-.030	.140	.498	-.831
200	412	.153	.155	.774	-.309
200	413	.142	.166	.879	-.503
200	414	.184	.162	.890	-.383
200	415	.221	.173	.974	-.268
200	416	.210	.191	1.056	-.357
200	417	.136	.162	.706	-.339
200	418	.084	.157	.804	-.411
200	419	.075	.144	.792	-.409
200	420	.123	.165	.683	-.394
200	421	-.158	.228	.593	-1.283
200	422	-.090	.138	.367	-.727
200	423	-.112	.142	.353	-.908
200	424	-.039	.140	.407	-.610
200	425	-.078	.143	.351	-.862
200	426	-.046	.140	.473	-.607
200	427	.095	.167	.754	-.456
200	428	.204	.160	.864	-.217
200	429	.221	.170	.866	-.259
200	430	.229	.174	.879	-.236
200	431	.246	.171	.931	-.203
200	432	.231	.178	.906	-.312
200	433	.211	.174	.853	-.318
200	434	.238	.180	1.034	-.293
200	435	.194	.168	.908	-.332
200	436	.192	.161	.972	-.237
200	437	.185	.159	1.037	-.235
200	438	-.183	.245	.517	-1.270
200	439	-.061	.131	.429	-.555
200	440	-.049	.127	.418	-.463
200	441	-.059	.134	.466	-.573
200	442	-.015	.134	.601	-.429
200	443	-.004	.176	.863	-.727
200	444	.043	.148	.677	-.450
200	445	.009	.169	.940	-.568
200	446	.002	.125	.426	-.417
200	447	.093	.121	.547	-.265
200	448	.114	.127	.499	-.395
200	449	.128	.124	.506	-.355
200	450	.138	.122	.547	-.302

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	451	.197	.134	.697	-.228
200	452	.216	.146	.708	-.223
200	453	.229	.146	.719	-.250
200	454	.201	.143	.753	-.260
200	455	.196	.145	.807	-.330
200	456	.173	.153	.743	-.351
200	457	-.110	.203	.654	-.922
200	458	-.018	.147	.456	-.585
200	459	-.008	.144	.458	-.557
200	460	-.024	.139	.481	-.736
200	461	-.002	.135	.462	-.537
200	462	.015	.176	.879	-.714
200	463	.208	.133	.767	-.369
200	464	.151	.134	.639	-.219
200	465	.160	.132	.672	-.237
200	466	.003	.117	.395	-.446
200	467	.136	.138	.717	-.262
200	468	.166	.146	.949	-.317
200	469	.214	.149	1.145	-.256
200	470	.022	.154	.690	-.498
200	471	.126	.120	.570	-.264
200	472	.175	.148	.691	-.292
200	473	.164	.147	.659	-.347
200	474	.217	.154	.743	-.221
200	475	.005	.147	.864	-.614
200	476	.123	.140	.605	-.509
200	477	.155	.135	.645	-.297
200	478	.023	.132	.472	-.443
200	479	-.037	.155	.492	-.546
200	480	.133	.147	.682	-.369
200	481	-.007	.139	.524	-.502
200	482	.090	.138	.623	-.343
200	483	.024	.133	.559	-.423
200	484	.097	.136	.657	-.368
200	485	.138	.141	.756	-.338
200	486	.130	.140	.678	-.361
200	487	.116	.143	.650	-.349
200	488	.095	.146	.913	-.433
200	489	.196	.196	1.075	-.262
200	490	.219	.152	.975	-.204
200	491	.087	.161	.700	-.686
200	492	-.022	.146	.457	-.631
200	493	-.001	.133	.495	-.506
200	494	-.001	.138	.555	-.479
200	495	.030	.138	.491	-.426
200	496	.032	.174	.759	-.525
200	501	.028	.167	.627	-.517
200	502	-.079	.146	.457	-.594
200	503	-.047	.135	.435	-.543
200	504	-.051	.154	.418	-.696

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	505	-.060	.141	.494	-.617
200	506	-.055	.140	.469	-.672
200	507	-.083	.141	.380	-.686
200	508	-.054	.135	.433	-.711
200	509	-.043	.127	.405	-.473
200	510	-.020	.176	.922	-.676
200	511	.020	.176	.724	-.559
200	512	-.073	.144	.437	-.821
200	513	-.040	.132	.423	-.570
200	514	-.045	.129	.391	-.517
200	515	-.016	.207	.860	-.653
200	516	-.025	.181	.687	-.635
200	517	.158	.167	.843	-.610
200	518	-.041	.134	.449	-.547
200	519	-.037	.130	.504	-.523
200	520	-.047	.133	.406	-.565
200	521	-.047	.193	.738	-.624
200	522	-.050	.173	.672	-.689
200	523	-.101	.143	.324	-.636
200	524	-.032	.125	.421	-.499
200	525	-.037	.123	.394	-.506
200	526	-.043	.123	.371	-.451
200	527	.040	.215	1.003	-.490
200	528	-.011	.183	.586	-.646
200	529	-.094	.145	.472	-.740
200	530	-.027	.135	.458	-.668
200	531	-.041	.123	.417	-.549
200	532	-.036	.121	.391	-.439
200	533	-.047	.111	.314	-.462
200	534	-.036	.119	.392	-.401
200	535	-.047	.123	.377	-.478
200	536	-.055	.124	.405	-.623
200	537	.013	.138	.485	-.409
200	538	-.041	.119	.370	-.429
200	539	-.024	.123	.418	-.508
200	540	-.015	.136	.503	-.496
200	541	-.028	.130	.427	-.531
200	542	-.029	.128	.392	-.470
200	543	-.039	.132	.372	-.578
200	544	-.034	.131	.437	-.492
200	545	-.041	.122	.385	-.549
200	546	.048	.214	.867	-.520
200	547	-.007	.159	.533	-.564
200	548	-.063	.142	.405	-.682
200	549	-.005	.137	.417	-.445
200	550	.078	.194	.730	-.569
200	551	.001	.124	.433	-.486
200	552	.005	.129	.432	-.502
200	553	.015	.129	.449	-.493
200	554	-.033	.125	.397	-.576

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	555	-.015	.115	.378	-.459
200	556	-.031	.116	.357	-.492
200	557	-.016	.117	.414	-.483
200	558	-.018	.122	.422	-.552
200	559	-.003	.127	.439	-.391
200	560	.011	.126	.510	-.397
200	561	-.004	.130	.459	-.424
200	562	-.014	.134	.437	-.457
200	563	.036	.135	.515	-.389
200	564	.028	.160	.581	-.460
200	565	.035	.133	.470	-.367
200	566	.026	.138	.475	-.383
200	567	-.026	.142	.409	-.505
200	568	.054	.140	.506	-.454
200	569	.038	.127	.468	-.386
200	570	.064	.139	.537	-.429
200	571	.057	.137	.520	-.431
200	572	-.017	.121	.370	-.452
200	573	-.001	.120	.384	-.405
200	574	.001	.120	.357	-.396
200	575	-.025	.120	.348	-.472
200	576	.005	.133	.447	-.406
200	577	-.052	.138	.368	-.507
200	578	-.022	.135	.374	-.484
200	579	.038	.136	.576	-.408
200	580	.058	.138	.676	-.347
200	581	-.049	.131	.485	-.578
200	582	-.074	.140	.369	-.643
200	583	.024	.136	.571	-.456
200	584	.074	.127	.610	-.398
200	585	-.028	.114	.402	-.425
200	586	-.015	.131	.474	-.500
200	901	.001	.168	.783	-.495
200	902	.201	.178	.862	-.308
200	903	-.130	.138	.349	-.703
200	904	-.075	.121	.429	-.561
200	905	-.120	.140	.339	-.636
200	906	-.075	.131	.336	-.878
200	907	-.085	.125	.334	-.533
200	908	-.048	.127	.355	-.502
200	909	-.043	.098	.235	-.388
200	910	-.092	.136	.311	-.729
200	911	-.056	.120	.331	-.569
200	912	-.093	.125	.308	-.656
200	913	-.037	.131	.420	-.517
200	914	-.035	.131	.440	-.485
200	915	-.031	.138	.509	-.610
200	916	-.031	.126	.535	-.494
200	917	-.032	.125	.449	-.431
200	918	-.027	.135	.488	-.525
200	919	-.011	.118	.424	-.463
200	920	-.029	.121	.352	-.460
200	921	.013	.118	.436	-.366
200	922	-.021	.115	.396	-.415
200	923	-.015	.120	.384	-.461
200	924	-.015	.118	.366	-.445
200	925	-.011	.117	.470	-.445
200	926	.002	.119	.534	-.408
200	927	-.033	.111	.392	-.455
200	928	-.051	.113	.386	-.453
200	929	-.062	.125	.364	-.575
200	930	-.052	.117	.388	-.479
200	931	-.023	.123	.497	-.639
200	932	-.021	.118	.501	-.441
200	933	-.022	.118	.452	-.412
200	935	-.012	.121	.383	-.475
200	936	-.024	.123	.376	-.492
200	937	-.049	.130	.351	-.502
200	938	-.027	.124	.380	-.499
200	939	-.020	.120	.375	-.400
200	940	-.022	.119	.365	-.415
200	941	-.014	.119	.352	-.440
200	942	-.029	.121	.345	-.425
200	943	-.018	.119	.393	-.458
200	944	-.017	.116	.355	-.468
200	945	-.025	.118	.357	-.449
200	946	-.026	.121	.345	-.470
200	947	-.020	.117	.463	-.434
200	948	-.011	.116	.472	-.561
200	949	-.012	.112	.453	-.467
200	950	-.024	.114	.453	-.461
200	951	-.022	.114	.331	-.418
200	952	-.027	.114	.355	-.381
200	953	-.006	.117	.367	-.397
200	954	-.019	.114	.402	-.416
200	955	-.021	.115	.358	-.438
200	956	-.035	.112	.324	-.453
200	957	-.048	.126	.358	-.520
200	958	-.029	.124	.360	-.479
200	959	-.066	.138	.372	-.611
200	960	-.012	.116	.360	-.580
200	961	-.050	.130	.346	-.540
200	962	-.043	.122	.359	-.504
200	963	-.045	.120	.336	-.524
200	964	-.044	.122	.345	-.484
200	965	-.042	.122	.327	-.486
200	966	-.029	.130	.423	-.472
200	967	-.030	.122	.384	-.397
200	968	-.052	.127	.390	-.463
200	969	-.052	.124	.358	-.431
200	970	-.009	.133	.471	-.507
200	971	-.026	.130	.396	-.474
200	972	-.041	.130	.384	-.476
200	973	-.057	.130	.338	-.500
200	974	-.084	.124	.283	-.584
200	975	-.045	.117	.293	-.519
200	976	-.053	.120	.293	-.521
200	977	-.020	.114	.301	-.411
200	978	-.009	.117	.376	-.418
200	979	-.033	.123	.394	-.434
200	980	-.035	.123	.380	-.433
200	981	-.039	.127	.342	-.477
200	982	-.064	.127	.321	-.523
200	983	-.082	.137	.369	-.765
200	984	-.109	.169	.461	-.937
200	985	.008	.133	.463	-.449
200	986	-.028	.142	.454	-.598
210	1	-.067	.132	.400	-.550
210	2	-.039	.123	.447	-.490
210	3	-.069	.127	.376	-.562
210	4	.025	.141	.584	-.499
210	5	-.055	.116	.346	-.418
210	6	.033	.123	.476	-.307
210	7	-.035	.118	.394	-.458
210	8	-.030	.118	.392	-.440
210	9	-.236	.168	.220	-1.142
210	10	-.307	.199	.198	-1.266
210	11	.156	.174	.751	-1.043
210	12	.105	.134	.667	-.325
210	13	-.005	.122	.404	-.732
210	14	-.009	.117	.437	-.552
210	15	-.129	.138	.265	-.787
210	16	-.130	.148	.304	-.899
210	17	.054	.169	.914	-.420
210	18	-.116	.130	.338	-.843
210	101	-.062	.128	.385	-.538
210	102	-.043	.127	.363	-.495
210	103	-.092	.126	.318	-.601
210	104	-.107	.132	.307	-.667
210	105	-.052	.121	.318	-.477
210	106	-.054	.121	.323	-.501
210	107	-.052	.133	.452	-.533
210	108	-.085	.146	.404	-.703
210	109	-.086	.132	.463	-.652
210	110	-.095	.134	.423	-.658
210	111	-.068	.127	.366	-.611
210	112	-.081	.121	.349	-.503
210	113	-.091	.124	.332	-.654
210	114	-.047	.126	.405	-.531
210	115	-.055	.122	.306	-.556

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	116	-.056	.119	.301	-.494
210	117	-.064	.121	.301	-.519
210	118	-.053	.121	.351	-.465
210	119	-.058	.128	.345	-.466
210	120	-.077	.127	.488	-.485
210	121	-.069	.125	.388	-.421
210	122	-.069	.125	.394	-.424
210	123	-.066	.124	.461	-.565
210	124	-.051	.123	.429	-.549
210	125	-.034	.125	.444	-.510
210	126	-.044	.124	.431	-.479
210	127	-.053	.126	.374	-.499
210	128	-.049	.123	.360	-.479
210	129	-.067	.127	.325	-.484
210	130	-.065	.129	.328	-.591
210	131	-.076	.116	.302	-.502
210	132	-.091	.114	.255	-.469
210	133	-.071	.113	.287	-.505
210	134	-.063	.110	.281	-.459
210	135	-.072	.116	.255	-.509
210	136	-.070	.113	.270	-.507
210	137	-.065	.116	.273	-.519
210	138	-.052	.117	.298	-.495
210	139	-.058	.120	.347	-.556
210	140	-.107	.132	.314	-.613
210	141	-.099	.133	.302	-.671
210	142	-.101	.134	.296	-.689
210	143	-.085	.135	.376	-.521
210	144	-.071	.133	.359	-.488
210	145	-.051	.118	.404	-.418
210	146	-.069	.119	.393	-.454
210	147	-.074	.120	.390	-.478
210	148	-.053	.118	.357	-.461
210	149	-.096	.142	.340	-.555
210	150	-.067	.124	.314	-.491
210	151	.010	.127	.478	-.386
210	152	-.066	.122	.307	-.434
210	153	-.073	.122	.398	-.538
210	154	-.114	.124	.352	-.602
210	155	-.113	.124	.352	-.612
210	156	-.120	.128	.336	-.643
210	157	-.043	.136	.442	-.464
210	158	-.064	.113	.391	-.456
210	159	-.058	.116	.396	-.517
210	160	-.012	.121	.402	-.449
210	161	.051	.126	.477	-.315
210	162	.028	.123	.573	-.461
210	163	-.019	.124	.393	-.436
210	164	-.122	.137	.345	-.573
210	165	-.119	.128	.314	-.665

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	166	-.060	.120	.347	-.599
210	167	-.073	.123	.338	-.643
210	168	-.043	.124	.363	-.481
210	169	-.079	.131	.423	-.593
210	170	-.075	.131	.386	-.555
210	171	-.052	.140	.507	-.569
210	172	-.074	.131	.391	-.540
210	173	-.117	.133	.362	-.671
210	174	-.115	.143	.498	-.730
210	175	-.017	.134	.553	-.497
210	176	-.037	.120	.441	-.460
210	177	-.057	.144	.466	-.514
210	178	-.046	.134	.421	-.480
210	179	-.029	.136	.439	-.477
210	180	-.052	.132	.388	-.463
210	181	-.027	.122	.383	-.461
210	182	-.031	.128	.482	-.431
210	183	-.013	.140	.554	-.455
210	184	-.038	.151	.733	-.511
210	185	-.050	.151	.632	-.573
210	186	-.052	.154	.652	-.613
210	187	-.070	.140	.510	-.667
210	188	-.076	.130	.403	-.628
210	189	-.064	.126	.378	-.497
210	190	-.034	.133	.414	-.464
210	191	-.014	.127	.420	-.463
210	192	-.019	.129	.526	-.540
210	193	.014	.132	.522	-.449
210	194	.025	.129	.501	-.456
210	195	.056	.133	.563	-.471
210	196	.027	.128	.438	-.469
210	197	-.044	.134	.462	-.562
210	198	-.023	.142	.498	-.511
210	199	.093	.150	.656	-.402
210	200	.075	.155	.686	-.498
210	201	.059	.155	.831	-.369
210	202	-.027	.136	.774	-.484
210	203	-.000	.145	.659	-.446
210	204	.003	.124	.503	-.483
210	205	-.007	.144	.539	-.793
210	206	.081	.150	.626	-.412
210	207	.074	.155	.681	-.393
210	208	.045	.140	.573	-.398
210	209	.039	.126	.472	-.333
210	210	.046	.129	.644	-.354
210	211	.088	.154	.878	-.350
210	212	.032	.133	.690	-.363
210	213	.033	.130	.541	-.378
210	214	-.063	.122	.311	-.442
210	215	-.068	.127	.419	-.569

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	301	-.075	.127	.372	-.599
210	302	-.114	.133	.267	-.720
210	303	-.109	.105	.195	-.469
210	304	-.078	.125	.353	-.497
210	305	-.130	.138	.348	-.798
210	306	-.058	.151	.535	-.539
210	307	-.102	.130	.354	-.563
210	308	-.114	.134	.411	-.741
210	309	-.137	.142	.386	-.858
210	310	-.394	.214	.204	-1.281
210	311	-.116	.143	.529	-.828
210	312	-.080	.131	.401	-.645
210	313	-.079	.130	.422	-.680
210	314	-.152	.238	.596	-1.542
210	315	-.158	.141	.237	-.816
210	316	-.325	.173	.200	-1.151
210	317	-.134	.151	.364	-1.086
210	318	-.227	.262	.505	-1.299
210	319	-.088	.131	.322	-.497
210	320	-.118	.136	.329	-.733
210	321	-.108	.132	.330	-.583
210	322	-.344	.184	.218	-1.101
210	323	-.151	.147	.370	-.761
210	324	-.198	.232	.546	-1.194
210	325	-.122	.134	.371	-.532
210	326	-.073	.129	.382	-.500
210	327	.006	.136	.555	-.421
210	328	-.101	.125	.295	-.543
210	329	-.104	.125	.305	-.541
210	330	-.105	.132	.320	-.566
210	331	-.257	.163	.335	-.978
210	332	-.121	.143	.298	-.698
210	333	-.217	.191	.293	-.984
210	334	-.152	.140	.297	-.670
210	335	-.094	.128	.312	-.632
210	336	-.077	.131	.381	-.527
210	337	-.139	.140	.335	-.596
210	338	-.141	.147	.353	-.649
210	339	-.060	.144	.485	-.586
210	340	-.076	.132	.440	-.620
210	341	-.040	.128	.458	-.549
210	342	.003	.132	.490	-.516
210	343	-.009	.131	.448	-.503
210	344	-.026	.129	.472	-.531
210	345	-.051	.128	.410	-.532
210	346	-.045	.131	.379	-.492
210	347	-.043	.128	.433	-.481
210	348	-.051	.120	.354	-.447
210	349	-.171	.136	.248	-.664
210	350	-.090	.128	.267	-.514

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	351	-.109	.140	.293	-.619
210	352	-.051	.134	.432	-.522
210	353	.007	.124	.496	-.517
210	354	.014	.121	.391	-.555
210	355	.014	.122	.520	-.492
210	356	.009	.135	.530	-.411
210	357	-.012	.135	.502	-.441
210	358	-.009	.134	.483	-.440
210	359	-.013	.136	.480	-.458
210	360	-.011	.132	.416	-.446
210	361	-.051	.136	.413	-.514
210	362	-.042	.137	.487	-.484
210	363	-.109	.160	.454	-.861
210	364	-.046	.144	.435	-.520
210	365	-.074	.139	.438	-.500
210	366	-.052	.137	.464	-.522
210	367	-.015	.142	.480	-.524
210	368	-.071	.129	.306	-.573
210	369	-.167	.172	.327	-.953
210	370	-.188	.177	.360	-.945
210	371	-.063	.122	.335	-.445
210	372	-.004	.142	.527	-.598
210	373	.033	.145	.580	-.578
210	374	-.081	.146	.449	-.632
210	375	-.009	.155	.660	-.576
210	376	.050	.136	.561	-.419
210	377	.055	.137	.509	-.384
210	401	-.080	.193	.676	-.889
210	402	.143	.140	.736	-.360
210	403	.162	.187	.858	-.350
210	404	.157	.194	.859	-.372
210	405	.115	.192	.823	-.504
210	406	.114	.180	.737	-.429
210	407	-.149	.146	.405	-.803
210	408	-.137	.132	.293	-.637
210	409	.113	.175	.745	-.649
210	410	-.172	.167	.797	-.412
210	411	-.063	.129	.542	-.919
210	412	.165	.159	.689	-.364
210	413	.201	.176	.932	-.363
210	414	.236	.182	.916	-.332
210	415	.242	.184	1.007	-.270
210	416	.188	.185	1.071	-.327
210	417	.124	.162	.784	-.393
210	418	.106	.164	.694	-.411
210	419	.100	.158	.690	-.351
210	420	.133	.173	.835	-.461
210	421	-.154	.224	.467	-1.280
210	422	-.140	.136	.295	-.866
210	423	-.199	.139	.213	-.754
210	424	-.090	.149	.442	-.673
210	425	-.203	.168	.254	-.952
210	426	-.116	.138	.314	-.650
210	427	.093	.152	.699	-.489
210	428	.244	.161	.767	-.323
210	429	.253	.162	1.002	-.273
210	430	.259	.167	1.064	-.252
210	431	.239	.160	1.041	-.342
210	432	.176	.166	.896	-.234
210	433	.156	.168	.832	-.266
210	434	.184	.175	.876	-.328
210	435	.178	.167	.839	-.233
210	436	.215	.178	.814	-.350
210	437	.209	.180	.877	-.340
210	438	-.186	.262	.575	-1.214
210	439	-.122	.138	.362	-.724
210	440	-.111	.129	.316	-.737
210	441	-.140	.144	.318	-1.002
210	442	-.088	.128	.430	-.538
210	443	-.097	.137	.618	-.650
210	444	.057	.148	.654	-.357
210	445	-.087	.133	.419	-.518
210	446	.004	.125	.440	-.442
210	447	.093	.119	.526	-.317
210	448	.121	.125	.557	-.379
210	449	.138	.126	.571	-.310
210	450	.137	.131	.649	-.287
210	451	.173	.141	.750	-.299
210	452	.175	.145	.711	-.353
210	453	.197	.145	.730	-.342
210	454	.170	.144	.765	-.340
210	455	.168	.147	.895	-.325
210	456	.155	.146	.691	-.272
210	457	-.173	.210	.526	-1.195
210	458	-.117	.137	.426	-.678
210	459	-.102	.134	.409	-.569
210	460	-.100	.132	.361	-.531
210	461	-.064	.123	.291	-.491
210	462	-.090	.130	.375	-.501
210	463	.168	.142	.609	-.251
210	464	.159	.147	.899	-.348
210	465	-.171	.144	.935	-.359
210	466	-.016	.120	.456	-.398
210	467	.145	.149	.814	-.382
210	468	.132	.149	.744	-.368
210	469	-.186	.153	.823	-.355
210	470	-.050	.150	.713	-.872
210	471	.137	.126	.600	-.290
210	472	.115	.128	.717	-.272
210	473	.109	.126	.584	-.273
210	474	.158	.130	.709	-.239
210	475	-.057	.121	.486	-.452
210	476	.131	.125	.606	-.303
210	477	.148	.123	.621	-.302
210	478	-.009	.132	.451	-.592
210	479	-.121	.152	.462	-.638
210	480	.152	.140	.644	-.297
210	481	-.082	.135	.406	-.547
210	482	.093	.134	.591	-.421
210	483	.015	.134	.587	-.469
210	484	.113	.139	.633	-.317
210	485	.173	.150	.681	-.292
210	486	.166	.148	.671	-.296
210	487	.151	.152	.730	-.388
210	488	.096	.144	.852	-.462
210	489	.165	.193	1.006	-.354
210	490	.234	.157	.797	-.321
210	491	.106	.160	.619	-.632
210	492	-.100	.121	.291	-.542
210	493	-.069	.131	.410	-.540
210	494	-.073	.133	.342	-.558
210	495	-.046	.132	.433	-.500
210	496	-.049	.137	.517	-.515
210	501	-.015	.161	.713	-.618
210	502	-.101	.132	.475	-.634
210	503	-.068	.122	.381	-.548
210	504	-.085	.146	.598	-.613
210	505	-.104	.127	.308	-.522
210	506	-.094	.128	.286	-.702
210	507	-.106	.134	.325	-.608
210	508	-.119	.134	.307	-.835
210	509	-.084	.123	.322	-.502
210	510	-.123	.138	.547	-.546
210	511	-.096	.147	.518	-.556
210	512	-.112	.142	.319	-.626
210	513	-.096	.140	.371	-.699
210	514	-.099	.138	.384	-.640
210	515	-.127	.158	.477	-1.019
210	516	-.105	.146	.494	-.762
210	517	-.136	.155	.732	-.433
210	518	-.089	.123	.301	-.526
210	519	-.089	.119	.287	-.600
210	520	-.090	.134	.415	-.576
210	521	-.116	.165	.863	-.700
210	522	-.110	.157	.746	-.842
210	523	-.125	.146	.389	-.823
210	524	-.089	.135	.373	-.602
210	525	-.089	.133	.362	-.581
210	526	-.090	.131	.368	-.539
210	527	-.122	.156	.445	-.896

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	528	-.113	.145	.630	-.687
210	529	-.113	.128	.373	-.611
210	530	-.097	.129	.400	-.587
210	531	-.091	.126	.349	-.465
210	532	-.073	.120	.350	-.656
210	533	-.075	.115	.288	-.479
210	534	-.069	.118	.325	-.686
210	535	-.081	.121	.352	-.715
210	536	-.086	.123	.358	-.759
210	537	-.057	.125	.372	-.447
210	538	-.072	.120	.303	-.470
210	539	-.073	.120	.303	-.467
210	540	-.080	.124	.308	-.521
210	541	-.065	.120	.440	-.436
210	542	-.060	.120	.411	-.448
210	543	-.069	.119	.404	-.591
210	544	-.071	.119	.401	-.457
210	545	-.060	.121	.397	-.460
210	546	-.135	.152	.670	-.724
210	547	-.080	.151	.564	-.670
210	548	-.098	.142	.426	-.673
210	549	-.071	.140	.441	-.553
210	550	-.099	.156	.593	-.941
210	551	-.055	.117	.357	-.495
210	552	-.057	.119	.345	-.501
210	553	-.045	.117	.346	-.480
210	554	-.055	.120	.376	-.492
210	555	-.050	.118	.352	-.526
210	556	-.058	.119	.356	-.526
210	557	-.058	.121	.354	-.675
210	558	-.061	.125	.345	-.474
210	559	-.035	.115	.352	-.438
210	560	-.053	.123	.349	-.622
210	561	-.040	.116	.355	-.467
210	562	-.059	.120	.357	-.529
210	563	-.063	.131	.428	-.769
210	564	-.073	.149	.425	-.708
210	565	-.041	.135	.354	-.457
210	566	-.059	.140	.349	-.616
210	567	-.094	.140	.341	-.586
210	568	-.044	.131	.396	-.477
210	569	-.030	.121	.398	-.432
210	570	-.035	.130	.416	-.451
210	571	-.033	.128	.420	-.457
210	572	-.047	.110	.344	-.402
210	573	-.042	.112	.307	-.446
210	574	-.045	.110	.315	-.432
210	575	-.049	.109	.331	-.460
210	576	-.055	.128	.350	-.908
210	577	-.098	.129	.329	-.631
210	578	-.070	.121	.392	-.552
210	579	-.001	.118	.399	-.484
210	580	.008	.127	.434	-.418
210	581	-.081	.130	.376	-.510
210	582	-.110	.137	.365	-.639
210	583	-.010	.130	.461	-.435
210	584	.050	.123	.562	-.442
210	585	-.060	.113	.315	-.473
210	586	-.045	.113	.326	-.484
210	901	-.097	.134	.561	-.655
210	902	.181	.173	.861	-.340
210	903	-.165	.136	.250	-.849
210	904	-.104	.127	.368	-.760
210	905	-.166	.145	.290	-1.016
210	906	-.104	.131	.332	-.773
210	907	-.114	.138	.349	-.637
210	908	-.080	.125	.445	-.582
210	909	-.087	.103	.256	-.439
210	910	-.157	.148	.318	-.787
210	911	-.079	.127	.356	-.530
210	912	-.110	.130	.360	-.649
210	913	-.081	.135	.336	-.618
210	914	-.085	.134	.354	-.585
210	915	-.053	.131	.365	-1.081
210	916	-.062	.125	.281	-.552
210	917	-.074	.120	.329	-.525
210	918	-.057	.126	.335	-.631
210	919	-.045	.125	.335	-.565
210	920	-.057	.119	.363	-.522
210	921	-.066	.115	.305	-.463
210	922	-.060	.113	.298	-.464
210	923	-.059	.120	.329	-.457
210	924	-.046	.117	.339	-.431
210	925	-.055	.118	.382	-.440
210	926	-.041	.122	.381	-.408
210	927	-.069	.124	.362	-.509
210	928	-.085	.125	.365	-.530
210	929	-.101	.127	.257	-.518
210	930	-.091	.131	.404	-.571
210	931	-.060	.115	.389	-.465
210	932	-.057	.112	.383	-.445
210	933	-.069	.114	.376	-.501
210	935	-.054	.109	.299	-.421
210	936	-.053	.108	.284	-.486
210	937	-.100	.117	.285	-.482
210	938	-.060	.109	.288	-.437
210	939	-.059	.107	.335	-.493
210	940	-.054	.106	.335	-.503
210	941	-.052	.108	.335	-.467
210	942	-.060	.107	.320	-.473
210	943	-.058	.112	.359	-.472
210	944	-.046	.110	.347	-.448
210	945	-.069	.111	.347	-.469
210	946	-.075	.117	.341	-.491
210	947	-.060	.110	.449	-.439
210	948	-.026	.110	.427	-.412
210	949	-.055	.109	.424	-.395
210	950	-.064	.110	.434	-.428
210	951	-.074	.119	.371	-.472
210	952	-.064	.116	.399	-.429
210	953	-.051	.114	.509	-.435
210	954	-.062	.114	.498	-.419
210	955	-.067	.113	.361	-.538
210	956	-.072	.113	.343	-.481
210	957	-.081	.124	.413	-.445
210	958	-.075	.123	.408	-.435
210	959	-.096	.133	.428	-.574
210	960	-.048	.113	.358	-.464
210	961	-.091	.126	.428	-.489
210	962	-.099	.123	.342	-.571
210	963	-.087	.117	.328	-.477
210	964	-.089	.119	.362	-.519
210	965	-.080	.120	.365	-.482
210	966	-.049	.118	.316	-.472
210	967	-.053	.119	.317	-.477
210	968	-.081	.129	.299	-.863
210	969	-.081	.118	.297	-.534
210	970	-.049	.131	.336	-.506
210	971	-.065	.130	.383	-.497
210	972	-.078	.131	.339	-.541
210	973	-.096	.128	.296	-.596
210	974	-.133	.139	.386	-.633
210	975	-.075	.131	.451	-.525
210	976	-.098	.134	.467	-.558
210	977	-.068	.135	.407	-.514
210	978	-.051	.120	.368	-.490
210	979	-.075	.126	.401	-.488
210	980	-.074	.121	.419	-.497
210	981	-.090	.125	.423	-.493
210	982	-.101	.123	.363	-.508
210	983	-.127	.136	.277	-.895
210	984	-.161	.149	.400	-.852
210	985	-.085	.124	.422	-.474
210	986	-.081	.119	.361	-.506
220	1	-.097	.129	.442	-.484
220	2	-.070	.120	.426	-.464
220	3	-.094	.127	.342	-.540
220	4	-.029	.134	.634	-.444
220	5	-.108	.106	.314	-.485
220	6	-.015	.110	.386	-.369

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	7	-.096	.108	.325	-.496
220	8	-.078	.107	.316	-.454
220	9	-.307	.155	.146	-1.030
220	10	-.378	.186	.129	-1.451
220	11	.139	.164	.819	-.639
220	12	.073	.130	.680	-.382
220	13	.007	.117	.450	-.471
220	14	.007	.120	.433	-.398
220	15	-.129	.128	.267	-.706
220	16	-.125	.142	.259	-1.241
220	17	-.025	.154	.683	-.586
220	18	-.123	.124	.357	-.734
220	101	-.098	.139	.475	-.701
220	102	-.081	.137	.383	-.597
220	103	-.154	.129	.329	-.658
220	104	-.187	.141	.274	-.712
220	105	-.092	.124	.487	-.531
220	106	-.097	.126	.427	-.527
220	107	-.097	.137	.375	-.466
220	108	-.121	.122	.274	-.728
220	109	-.135	.139	.367	-.691
220	110	-.146	.142	.334	-.743
220	111	-.099	.137	.333	-.653
220	112	-.121	.131	.324	-.548
220	113	-.097	.135	.379	-.558
220	114	-.064	.137	.321	-.506
220	115	-.092	.131	.385	-.523
220	116	-.096	.129	.294	-.508
220	117	-.106	.131	.265	-.530
220	118	-.092	.131	.290	-.521
220	119	-.102	.131	.304	-.587
220	120	-.135	.129	.277	-.553
220	121	-.124	.127	.253	-.511
220	122	-.119	.128	.275	-.534
220	123	-.109	.122	.289	-.464
220	124	-.092	.123	.341	-.493
220	125	-.063	.127	.428	-.467
220	126	-.075	.124	.317	-.472
220	127	-.091	.122	.283	-.513
220	128	-.085	.120	.278	-.516
220	129	-.114	.122	.268	-.525
220	130	-.106	.126	.315	-.596
220	131	-.125	.132	.279	-.501
220	132	-.125	.138	.326	-.588
220	133	-.120	.131	.295	-.557
220	134	-.107	.130	.290	-.483
220	135	-.103	.127	.292	-.535
220	136	-.102	.125	.295	-.545
220	137	-.100	.127	.296	-.532
220	138	-.089	.127	.312	-.527
220	139	-.099	.123	.305	-.587
220	140	-.158	.131	.280	-.661
220	141	-.154	.130	.279	-.654
220	142	-.155	.131	.278	-.655
220	143	-.119	.106	.240	-.499
220	144	-.106	.111	.288	-.451
220	145	-.087	.129	.327	-.571
220	146	-.094	.131	.346	-.665
220	147	-.120	.135	.345	-.522
220	148	-.102	.135	.435	-.511
220	149	-.121	.114	.277	-.558
220	150	-.092	.116	.337	-.537
220	151	-.020	.120	.409	-.473
220	152	-.096	.115	.332	-.526
220	153	-.106	.123	.452	-.604
220	154	-.156	.123	.384	-.598
220	155	-.155	.124	.379	-.584
220	156	-.158	.126	.365	-.648
220	157	-.099	.113	.333	-.497
220	158	-.097	.107	.263	-.510
220	159	-.096	.110	.221	-.478
220	160	-.058	.110	.302	-.518
220	161	-.001	.125	.536	-.375
220	162	-.019	.122	.451	-.387
220	163	-.060	.118	.436	-.453
220	164	-.145	.119	.245	-.552
220	165	-.148	.114	.211	-.567
220	166	-.095	.111	.313	-.513
220	167	-.113	.112	.245	-.527
220	168	-.070	.116	.325	-.585
220	169	-.138	.128	.343	-.582
220	170	-.121	.134	.437	-.625
220	171	-.086	.146	.471	-.593
220	172	-.081	.131	.423	-.665
220	173	-.135	.141	.424	-.673
220	174	-.165	.135	.314	-.615
220	175	-.075	.137	.436	-.595
220	176	-.084	.120	.306	-.476
220	177	-.094	.124	.441	-.474
220	178	-.078	.119	.336	-.495
220	179	-.057	.124	.411	-.464
220	180	-.088	.118	.369	-.496
220	181	-.066	.114	.321	-.529
220	182	-.081	.121	.368	-.484
220	183	-.041	.125	.468	-.494
220	184	-.052	.146	.510	-.560
220	185	-.109	.137	.478	-.601
220	186	-.110	.146	.459	-.606
220	187	-.109	.151	.451	-.625
220	188	-.099	.140	.469	-.541
220	189	-.091	.126	.395	-.519
220	190	-.065	.137	.509	-.531
220	191	-.051	.128	.374	-.456
220	192	-.058	.131	.385	-.524
220	193	-.036	.122	.372	-.496
220	194	-.026	.118	.389	-.403
220	195	.012	.120	.476	-.398
220	196	-.008	.116	.391	-.441
220	197	-.081	.120	.320	-.567
220	198	-.057	.120	.333	-.483
220	199	.055	.132	.629	-.394
220	200	.045	.140	.726	-.353
220	201	.057	.159	.694	-.382
220	202	-.061	.126	.428	-.533
220	203	-.055	.137	.562	-.534
220	204	-.024	.126	.456	-.544
220	205	-.024	.126	.481	-.520
220	206	.059	.136	.529	-.425
220	207	.029	.140	.728	-.491
220	208	.001	.119	.337	-.492
220	209	.011	.122	.412	-.447
220	210	-.000	.127	.387	-.443
220	211	.048	.152	.855	-.475
220	212	-.010	.132	.576	-.514
220	213	-.010	.128	.447	-.441
220	214	-.091	.115	.332	-.533
220	215	-.097	.120	.363	-.541
220	301	-.114	.128	.313	-.621
220	302	-.165	.129	.254	-.818
220	303	-.139	.099	.252	-.502
220	304	-.115	.122	.331	-.585
220	305	-.177	.142	.301	-.750
220	306	-.064	.170	.899	-.647
220	307	-.125	.122	.296	-.670
220	308	-.146	.117	.274	-.579
220	309	-.159	.123	.278	-.648
220	310	-.387	.193	.212	-1.189
220	311	-.117	.133	.555	-.547
220	312	-.108	.124	.306	-.673
220	313	-.111	.121	.297	-.658
220	314	-.142	.233	.689	-1.031
220	315	-.158	.136	.206	-.851
220	316	-.324	.167	.347	-.878
220	317	-.115	.142	.362	-.669
220	318	-.180	.219	.498	-1.118
220	319	-.101	.124	.288	-.526
220	320	-.123	.121	.241	-.543
220	321	-.110	.117	.252	-.498
220	322	-.316	.167	.308	-1.049
220	323	-.148	.141	.388	-.777

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	324	-.195	.200	.483	-1.039
220	325	-.137	.119	.304	-.631
220	326	-.103	.114	.300	-.541
220	327	-.031	.117	.333	-.458
220	328	-.144	.124	.317	-.645
220	329	-.124	.115	.268	-.531
220	330	-.116	.125	.332	-.676
220	331	-.303	.162	.256	-.921
220	332	-.102	.143	.404	-.679
220	333	-.147	.192	.442	-1.096
220	334	-.166	.134	.260	-.609
220	335	-.116	.126	.286	-.526
220	336	-.112	.118	.320	-.491
220	337	-.162	.125	.309	-.548
220	338	-.176	.134	.281	-.700
220	339	-.088	.132	.317	-.674
220	340	-.115	.129	.302	-.577
220	341	-.067	.124	.387	-.462
220	342	-.035	.125	.394	-.467
220	343	-.053	.123	.401	-.516
220	344	-.063	.118	.341	-.543
220	345	-.082	.116	.356	-.576
220	346	-.080	.123	.361	-.535
220	347	-.080	.118	.344	-.520
220	348	-.094	.126	.332	-.560
220	349	-.178	.148	.417	-.722
220	350	-.081	.154	.535	-.598
220	351	-.076	.168	.572	-.673
220	352	-.070	.128	.344	-.563
220	353	-.014	.120	.373	-.416
220	354	-.013	.120	.401	-.432
220	355	-.022	.120	.418	-.458
220	356	-.036	.119	.367	-.441
220	357	-.052	.117	.365	-.426
220	358	-.046	.121	.382	-.448
220	359	-.056	.120	.373	-.450
220	360	-.052	.117	.346	-.459
220	361	-.073	.122	.376	-.476
220	362	-.052	.133	.496	-.525
220	363	-.104	.161	.480	-.801
220	364	-.022	.141	.562	-.465
220	365	-.097	.117	.282	-.532
220	366	-.084	.115	.323	-.449
220	367	-.046	.122	.453	-.466
220	368	-.100	.120	.256	-.687
220	369	-.211	.153	.301	-.977
220	370	-.253	.165	.343	-1.125
220	371	-.100	.113	.306	-.469
220	372	-.031	.117	.349	-.433
220	373	.008	.119	.420	-.391
220	374	-.108	.127	.336	-.553
220	375	-.036	.130	.450	-.453
220	376	.009	.135	.494	-.506
220	377	.019	.135	.502	-.556
220	401	-.102	.195	.810	-.809
220	402	.099	.149	.810	-.351
220	403	.165	.172	.824	-.386
220	404	.129	.166	.751	-.372
220	405	.054	.161	.681	-.467
220	406	.057	.157	.649	-.463
220	407	-.188	.160	.449	-.830
220	408	-.164	.131	.204	-.630
220	409	.088	.176	.818	-.418
220	410	.149	.174	.857	-.340
220	411	-.074	.110	.303	-.495
220	412	.137	.155	.703	-.371
220	413	.199	.178	.845	-.489
220	414	.233	.185	.997	-.325
220	415	.215	.179	.929	-.321
220	416	.124	.185	.870	-.415
220	417	.076	.171	.717	-.534
220	418	.062	.176	.810	-.438
220	419	.082	.174	.720	-.447
220	420	.129	.199	.867	-.615
220	421	-.145	.231	.640	-1.336
220	422	-.173	.159	.386	-.877
220	423	-.252	.161	.247	-.821
220	424	-.108	.167	.513	-.814
220	425	-.295	.188	.244	-1.232
220	426	-.165	.137	.378	-.751
220	427	.098	.171	.730	-.473
220	428	.211	.170	1.027	-.292
220	429	.252	.169	1.126	-.333
220	430	.256	.170	1.093	-.315
220	431	.247	.164	.983	-.297
220	432	.136	.153	.740	-.368
220	433	.113	.154	.736	-.370
220	434	.139	.162	.865	-.336
220	435	.161	.166	.829	-.299
220	436	.191	.189	.977	-.343
220	437	.193	.193	.927	-.347
220	438	-.183	.252	.757	-1.138
220	439	-.164	.135	.412	-.757
220	440	-.162	.142	.382	-.868
220	441	-.222	.161	.376	-.881
220	442	-.141	.134	.448	-.639
220	443	-.140	.132	.434	-.632
220	444	.039	.149	.600	-.579
220	445	-.136	.134	.367	-.702
220	446	-.003	.138	.481	-.494
220	447	.087	.129	.553	-.371
220	448	.110	.119	.545	-.272
220	449	.101	.119	.577	-.246
220	450	.121	.121	.537	-.272
220	451	.153	.131	.624	-.348
220	452	.137	.143	.765	-.352
220	453	.156	.142	.740	-.333
220	454	.136	.138	.863	-.280
220	455	.133	.143	.931	-.310
220	456	.116	.149	.659	-.454
220	457	-.199	.209	.479	-1.622
220	458	-.149	.136	.297	-.709
220	459	-.139	.131	.287	-.579
220	460	-.181	.141	.272	-.759
220	461	-.127	.128	.320	-.553
220	462	-.139	.125	.303	-.536
220	463	.133	.160	.791	-.311
220	464	.115	.140	.697	-.302
220	465	.137	.143	.721	-.327
220	466	-.010	.131	.397	-.443
220	467	.099	.142	.687	-.333
220	468	.092	.148	.789	-.313
220	469	.151	.149	.860	-.358
220	470	-.125	.126	.328	-.541
220	471	.155	.131	.731	-.200
220	472	.069	.135	.712	-.377
220	473	.063	.138	.676	-.411
220	474	.129	.149	.718	-.393
220	475	-.114	.137	.426	-.713
220	476	.168	.140	.739	-.246
220	477	.166	.142	.777	-.262
220	478	-.034	.132	.672	-.493
220	479	-.188	.135	.219	-.822
220	480	.183	.139	.725	-.289
220	481	-.130	.126	.332	-.593
220	482	.107	.136	.622	-.303
220	483	.011	.143	.464	-.596
220	484	.109	.122	.458	-.312
220	485	.170	.130	.700	-.280
220	486	.159	.130	.683	-.319
220	487	.152	.139	.742	-.295
220	488	.091	.137	.526	-.373
220	489	.083	.149	.733	-.401
220	490	.170	.154	.699	-.325
220	491	.042	.174	.599	-.605
220	492	-.146	.121	.284	-.574
220	493	-.101	.136	.325	-.599
220	494	-.115	.139	.308	-.607
220	495	-.083	.135	.350	-.571
220	496	-.091	.134	.414	-.569

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	501	-.092	.157	.520	-.728
220	502	-.116	.137	.378	-.609
220	503	-.083	.128	.371	-.619
220	504	-.170	.164	.491	-.746
220	505	-.160	.137	.327	-.626
220	506	-.149	.138	.321	-.652
220	507	-.137	.145	.325	-.663
220	508	-.156	.142	.307	-.775
220	509	-.101	.125	.287	-.562
220	510	-.156	.135	.293	-.646
220	511	-.131	.138	.452	-.709
220	512	-.125	.135	.303	-.598
220	513	-.127	.136	.263	-.634
220	514	-.133	.136	.258	-.648
220	515	-.145	.146	.310	-.983
220	516	-.144	.143	.414	-.690
220	517	-.161	.162	.737	-.418
220	518	-.123	.133	.283	-.530
220	519	-.133	.133	.316	-.636
220	520	-.126	.125	.341	-.549
220	521	-.128	.130	.330	-.623
220	522	-.134	.132	.330	-.604
220	523	-.129	.131	.320	-.706
220	524	-.129	.123	.266	-.516
220	525	-.123	.121	.276	-.516
220	526	-.122	.123	.267	-.604
220	527	-.134	.135	.296	-.836
220	528	-.135	.133	.330	-.778
220	529	-.125	.129	.295	-.551
220	530	-.124	.125	.261	-.664
220	531	-.117	.121	.281	-.559
220	532	-.105	.132	.435	-.479
220	533	-.111	.124	.280	-.564
220	534	-.099	.130	.427	-.460
220	535	-.110	.131	.412	-.492
220	536	-.106	.132	.417	-.476
220	537	-.094	.126	.285	-.523
220	538	-.095	.123	.290	-.513
220	539	-.100	.124	.286	-.540
220	540	-.104	.124	.273	-.515
220	541	-.089	.122	.403	-.502
220	542	-.083	.121	.403	-.511
220	543	-.097	.122	.396	-.531
220	544	-.098	.121	.399	-.521
220	545	-.114	.134	.341	-.563
220	546	-.164	.151	.441	-.796
220	547	-.118	.141	.351	-.604
220	548	-.127	.144	.348	-.789
220	549	-.108	.136	.360	-.550
220	550	-.136	.156	.370	-.923

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	551	-.088	.123	.315	-.503
220	552	-.101	.125	.287	-.508
220	553	-.083	.125	.343	-.524
220	554	-.090	.123	.329	-.508
220	555	-.090	.123	.323	-.511
220	556	-.104	.124	.314	-.543
220	557	-.101	.126	.334	-.530
220	558	-.116	.139	.393	-.521
220	559	-.088	.121	.374	-.519
220	560	-.088	.119	.357	-.486
220	561	-.097	.122	.324	-.504
220	562	-.121	.126	.345	-.548
220	563	-.108	.129	.346	-.581
220	564	-.135	.124	.261	-.837
220	565	-.107	.116	.272	-.612
220	566	-.122	.119	.264	-.716
220	567	-.130	.122	.270	-.699
220	568	-.114	.120	.239	-.604
220	569	-.085	.116	.265	-.493
220	570	-.106	.119	.285	-.533
220	571	-.102	.119	.257	-.532
220	572	-.071	.115	.368	-.460
220	573	-.075	.117	.300	-.492
220	574	-.077	.116	.291	-.468
220	575	-.076	.115	.280	-.455
220	576	-.101	.127	.347	-.687
220	577	-.126	.123	.347	-.609
220	578	-.101	.118	.295	-.531
220	579	-.047	.116	.354	-.468
220	580	-.011	.120	.450	-.390
220	581	-.116	.124	.323	-.543
220	582	-.158	.136	.313	-.678
220	583	-.038	.122	.443	-.492
220	584	.009	.119	.411	-.400
220	585	-.093	.116	.305	-.549
220	586	-.075	.127	.366	-.518
220	901	-.135	.126	.305	-.553
220	902	-.129	.167	.716	-.397
220	903	-.211	.141	.308	-.784
220	904	-.170	.134	.419	-.754
220	905	-.262	.152	.227	-.822
220	906	-.153	.135	.293	-.689
220	907	-.155	.125	.294	-.602
220	908	-.119	.119	.271	-.519
220	909	-.120	.099	.211	-.457
220	910	-.194	.146	.255	-.737
220	911	-.096	.125	.344	-.498
220	912	-.142	.136	.280	-.676
220	913	-.101	.129	.361	-.606
220	914	-.094	.126	.360	-.647

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	915	-.077	.124	.376	-.527
220	916	-.102	.123	.378	-.640
220	917	-.105	.121	.431	-.520
220	918	-.087	.125	.367	-.676
220	919	-.070	.129	.460	-.583
220	920	-.094	.123	.454	-.478
220	921	-.100	.110	.355	-.467
220	922	-.091	.108	.364	-.473
220	923	-.085	.107	.262	-.443
220	924	-.084	.103	.251	-.427
220	925	-.080	.106	.244	-.477
220	926	-.064	.107	.300	-.460
220	927	-.100	.116	.245	-.524
220	928	-.125	.115	.203	-.528
220	929	-.131	.127	.287	-.595
220	930	-.119	.120	.243	-.527
220	931	-.083	.103	.308	-.462
220	932	-.089	.101	.283	-.430
220	933	-.092	.103	.267	-.444
220	935	-.092	.118	.329	-.521
220	936	-.102	.118	.319	-.528
220	937	-.144	.129	.265	-.635
220	938	-.101	.118	.277	-.515
220	939	-.091	.111	.263	-.465
220	940	-.096	.112	.263	-.498
220	941	-.092	.110	.244	-.470
220	942	-.088	.109	.275	-.445
220	943	-.095	.107	.213	-.455
220	944	-.104	.104	.224	-.471
220	945	-.113	.107	.224	-.466
220	946	-.122	.114	.260	-.489
220	947	-.088	.111	.258	-.435
220	948	-.086	.107	.262	-.404
220	949	-.091	.109	.260	-.426
220	950	-.098	.110	.262	-.463
220	951	-.113	.117	.235	-.527
220	952	-.109	.111	.239	-.533
220	953	-.093	.111	.251	-.467
220	954	-.102	.110	.228	-.504
220	955	-.100	.114	.320	-.513
220	956	-.123	.116	.268	-.555
220	957	-.105	.118	.277	-.504
220	958	-.102	.116	.279	-.482
220	959	-.116	.126	.305	-.538
220	960	-.089	.114	.318	-.544
220	961	-.115	.129	.301	-.567
220	962	-.138	.127	.261	-.573
220	963	-.136	.125	.269	-.621
220	964	-.133	.126	.288	-.579
220	965	-.122	.127	.290	-.646

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	966	-.106	.122	.348	-.497
220	967	-.119	.121	.327	-.488
220	968	-.140	.128	.312	-.543
220	969	-.129	.126	.330	-.522
220	970	-.109	.134	.441	-.583
220	971	-.131	.130	.383	-.611
220	972	-.132	.134	.425	-.648
220	973	-.148	.132	.346	-.653
220	974	-.184	.140	.257	-.658
220	975	-.111	.129	.355	-.570
220	976	-.133	.133	.348	-.577
220	977	-.111	.135	.303	-.634
220	978	-.099	.121	.355	-.540
220	979	-.131	.125	.337	-.542
220	980	-.127	.123	.327	-.553
220	981	-.148	.124	.295	-.538
220	982	-.151	.122	.347	-.577
220	983	-.186	.133	.422	-.828
220	984	-.203	.154	.261	-.960
220	985	-.030	.137	.495	-.506
220	986	-.119	.127	.318	-.582
230	1	-.130	.139	.273	-.637
230	2	-.084	.136	.343	-.626
230	3	-.124	.133	.277	-.606
230	4	-.072	.135	.391	-.587
230	5	-.124	.112	.337	-.465
230	6	-.032	.114	.394	-.418
230	7	-.115	.115	.329	-.493
230	8	-.097	.112	.322	-.504
230	9	-.342	.172	.161	-.998
230	10	-.415	.206	.123	-1.379
230	11	-.139	.159	.814	-.389
230	12	-.065	.134	.702	-.399
230	13	-.004	.118	.400	-.522
230	14	.001	.120	.415	-.452
230	15	-.120	.110	.346	-.597
230	16	-.113	.110	.345	-.570
230	17	-.086	.118	.369	-.483
230	18	-.102	.119	.369	-.594
230	101	-.099	.136	.307	-.634
230	102	-.095	.131	.292	-.607
230	103	-.178	.132	.266	-.891
230	104	-.217	.147	.223	-1.062
230	105	-.099	.123	.354	-.503
230	106	-.113	.125	.351	-.497
230	107	-.102	.134	.331	-.619
230	108	-.154	.135	.301	-.747
230	109	-.141	.133	.279	-.610
230	110	-.154	.136	.251	-.666
230	111	-.119	.135	.347	-.607
230	112	-.138	.129	.339	-.627
230	113	-.117	.136	.389	-.758
230	114	-.077	.140	.411	-.695
230	115	-.096	.125	.322	-.607
230	116	-.101	.122	.313	-.609
230	117	-.110	.122	.294	-.618
230	118	-.103	.124	.294	-.647
230	119	-.112	.132	.299	-.575
230	120	-.140	.127	.263	-.615
230	121	-.128	.129	.272	-.565
230	122	-.126	.130	.254	-.570
230	123	-.123	.121	.264	-.536
230	124	-.111	.119	.270	-.505
230	125	-.072	.129	.392	-.539
230	126	-.087	.121	.341	-.507
230	127	-.106	.121	.308	-.494
230	128	-.104	.119	.286	-.511
230	129	-.124	.122	.328	-.548
230	130	-.119	.125	.336	-.589
230	131	-.133	.130	.311	-.555
230	132	-.123	.127	.327	-.552
230	133	-.126	.129	.314	-.529
230	134	-.121	.129	.316	-.551
230	135	-.123	.127	.289	-.567
230	136	-.120	.125	.298	-.566
230	137	-.112	.127	.322	-.580
230	138	-.110	.128	.310	-.584
230	139	-.102	.130	.338	-.545
230	140	-.145	.134	.305	-.589
230	141	-.132	.135	.266	-.594
230	142	-.148	.133	.288	-.661
230	143	-.142	.122	.243	-.530
230	144	-.131	.124	.309	-.563
230	145	-.101	.132	.324	-.640
230	146	-.110	.135	.349	-.582
230	147	-.126	.121	.260	-.642
230	148	-.108	.123	.319	-.561
230	149	-.142	.127	.297	-.527
230	150	-.115	.118	.335	-.531
230	151	-.041	.120	.417	-.508
230	152	-.118	.116	.334	-.523
230	153	-.118	.119	.281	-.531
230	154	-.160	.120	.215	-.622
230	155	-.166	.121	.225	-.620
230	156	-.162	.122	.243	-.604
230	157	-.135	.120	.283	-.659
230	158	-.114	.110	.275	-.562
230	159	-.129	.113	.350	-.594
230	160	-.093	.110	.392	-.502
230	161	-.039	.131	.488	-.566
230	162	-.052	.127	.539	-.562
230	163	-.091	.126	.420	-.567
230	164	-.157	.126	.308	-.647
230	165	-.164	.125	.265	-.646
230	166	-.122	.120	.282	-.612
230	167	-.141	.122	.268	-.629
230	168	-.090	.136	.540	-.739
230	169	-.161	.138	.384	-.660
230	170	-.143	.136	.355	-.593
230	171	-.133	.137	.406	-.648
230	172	-.084	.135	.414	-.508
230	173	-.150	.133	.314	-.656
230	174	-.190	.126	.197	-.627
230	175	-.120	.130	.355	-.600
230	176	-.118	.111	.261	-.524
230	177	-.124	.123	.228	-.563
230	178	-.098	.120	.278	-.536
230	179	-.084	.122	.271	-.520
230	180	-.116	.118	.230	-.622
230	181	-.090	.116	.299	-.520
230	182	-.092	.120	.337	-.539
230	183	-.064	.126	.485	-.574
230	184	-.072	.143	.485	-.558
230	185	-.131	.137	.342	-.563
230	186	-.132	.143	.369	-.616
230	187	-.135	.148	.378	-.694
230	188	-.108	.145	.413	-.584
230	189	-.103	.126	.328	-.527
230	190	-.052	.131	.407	-.509
230	191	-.073	.121	.360	-.462
230	192	-.088	.123	.316	-.503
230	193	-.059	.117	.393	-.414
230	194	-.050	.111	.426	-.434
230	195	-.035	.117	.407	-.517
230	196	-.041	.115	.467	-.474
230	197	-.120	.119	.339	-.543
230	198	-.069	.121	.417	-.446
230	199	.055	.137	.605	-.392
230	200	.066	.146	.704	-.386
230	201	.114	.182	.820	-.468
230	202	-.056	.127	.476	-.528
230	203	-.081	.127	.469	-.505
230	204	-.051	.122	.351	-.451
230	205	-.028	.133	.426	-.428
230	206	.037	.143	.625	-.378
230	207	-.002	.144	.577	-.445
230	208	-.031	.124	.370	-.421
230	209	-.031	.118	.364	-.444
230	210	-.039	.119	.387	-.410
230	211	-.010	.149	.924	-.485

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	212	-.046	.118	.398	-.410
230	213	-.040	.118	.427	-.410
230	214	-.116	.116	.327	-.526
230	215	-.108	.124	.253	-.572
230	301	-.127	.129	.311	-.551
230	302	-.183	.135	.268	-.675
230	303	-.144	.108	.315	-.470
230	304	-.121	.123	.310	-.546
230	305	-.168	.136	.258	-.729
230	306	-.096	.169	.696	-.807
230	307	-.129	.118	.337	-.575
230	308	-.154	.124	.306	-.647
230	309	-.151	.129	.435	-.821
230	310	-.318	.217	.459	-1.409
230	311	-.094	.151	.508	-.569
230	312	-.112	.126	.324	-.574
230	313	-.117	.126	.306	-.616
230	314	-.125	.233	.686	-1.090
230	315	-.143	.128	.313	-.717
230	316	-.309	.180	.319	-.984
230	317	-.126	.147	.426	-.738
230	318	-.217	.240	.568	-1.235
230	319	-.118	.121	.356	-.618
230	320	-.122	.120	.246	-.561
230	321	-.114	.116	.247	-.522
230	322	-.272	.177	.290	-1.001
230	323	-.122	.141	.469	-.626
230	324	-.196	.196	.423	-.938
230	325	-.147	.119	.302	-.641
230	326	-.117	.118	.293	-.638
230	327	-.055	.122	.432	-.647
230	328	-.163	.124	.208	-.560
230	329	-.150	.118	.236	-.591
230	330	-.129	.125	.259	-.724
230	331	-.270	.183	.235	-1.083
230	332	-.083	.142	.497	-.698
230	333	-.121	.190	.462	-.879
230	334	-.184	.114	.184	-.612
230	335	-.134	.109	.207	-.489
230	336	-.123	.107	.219	-.498
230	337	-.178	.109	.177	-.573
230	338	-.177	.114	.182	-.580
230	339	-.119	.118	.301	-.529
230	340	-.134	.120	.306	-.639
230	341	-.102	.119	.346	-.517
230	342	-.068	.120	.296	-.470
230	343	-.088	.116	.257	-.474
230	344	-.096	.116	.327	-.438
230	345	-.118	.114	.322	-.523
230	346	-.104	.118	.316	-.452

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	347	-.106	.115	.316	-.490
230	348	-.113	.114	.318	-.482
230	349	-.164	.147	.386	-.608
230	350	-.065	.152	.536	-.640
230	351	-.064	.162	.629	-.644
230	352	-.090	.121	.309	-.491
230	353	-.050	.117	.367	-.447
230	354	-.044	.118	.348	-.456
230	355	-.054	.118	.378	-.441
230	356	-.074	.127	.299	-.604
230	357	-.095	.126	.290	-.622
230	358	-.077	.129	.332	-.619
230	359	-.087	.127	.307	-.622
230	360	-.080	.112	.291	-.457
230	361	-.094	.118	.322	-.457
230	362	-.056	.132	.513	-.491
230	363	-.088	.157	.433	-.569
230	364	-.029	.140	.450	-.489
230	365	-.130	.104	.207	-.480
230	366	-.112	.103	.223	-.454
230	367	-.082	.108	.319	-.417
230	368	-.132	.118	.247	-.651
230	369	-.238	.144	.236	-.806
230	370	-.272	.157	.171	-.929
230	371	-.144	.130	.359	-.650
230	372	-.064	.115	.341	-.432
230	373	-.041	.117	.389	-.392
230	374	-.141	.122	.302	-.529
230	375	-.081	.121	.322	-.477
230	376	-.023	.124	.396	-.470
230	377	-.024	.126	.459	-.480
230	401	-.096	.205	.728	-.721
230	402	.086	.131	.565	-.357
230	403	.138	.181	.777	-.337
230	404	.097	.176	.845	-.335
230	405	.024	.163	.757	-.392
230	406	.028	.156	.724	-.428
230	407	-.227	.166	.448	-.984
230	408	-.204	.132	.261	-.703
230	409	.034	.169	.729	-.491
230	410	.094	.173	.746	-.469
230	411	-.094	.125	.331	-.563
230	412	.107	.157	.787	-.387
230	413	.171	.179	1.094	-.373
230	414	.214	.185	1.011	-.325
230	415	.195	.174	.918	-.329
230	416	.119	.186	1.117	-.469
230	417	.057	.178	.852	-.497
230	418	.041	.178	.725	-.484
230	419	.061	.179	.841	-.514

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	420	.135	.194	.897	-.523
230	421	-.144	.235	.776	-1.307
230	422	-.188	.146	.305	-.920
230	423	-.300	.165	.184	-1.057
230	424	-.112	.176	.576	-.766
230	425	-.358	.205	.245	-1.360
230	426	-.195	.143	.258	-.802
230	427	.054	.159	.832	-.457
230	428	.166	.161	.780	-.330
230	429	.215	.172	.882	-.270
230	430	.237	.176	.947	-.249
230	431	.234	.174	.989	-.286
230	432	.141	.169	.912	-.555
230	433	.101	.162	.851	-.404
230	434	.142	.183	1.150	-.408
230	435	.156	.179	.911	-.353
230	436	.191	.199	.949	-.341
230	437	.191	.206	.930	-.340
230	438	-.195	.235	.612	-1.223
230	439	-.175	.134	.273	-.773
230	440	-.200	.141	.246	-.777
230	441	-.272	.166	.254	-.962
230	442	-.179	.131	.299	-.710
230	443	-.164	.129	.334	-.706
230	444	.016	.139	.547	-.567
230	445	-.147	.110	.205	-.518
230	446	-.002	.122	.443	-.533
230	447	.061	.117	.498	-.326
230	448	.089	.127	.505	-.415
230	449	.103	.128	.544	-.400
230	450	.104	.131	.632	-.405
230	451	.119	.140	.702	-.354
230	452	.095	.130	.485	-.390
230	453	.116	.133	.549	-.358
230	454	.101	.132	.534	-.331
230	455	.104	.139	.613	-.334
230	456	.074	.136	.638	-.350
230	457	-.245	.184	.436	-.976
230	458	-.184	.135	.268	-.723
230	459	-.177	.129	.232	-.649
230	460	-.192	.139	.228	-.715
230	461	-.138	.125	.245	-.603
230	462	-.133	.123	.244	-.535
230	463	.075	.136	.668	-.379
230	464	.075	.137	.561	-.305
230	465	.096	.138	.619	-.342
230	466	-.018	.134	.395	-.527
230	467	.055	.133	.863	-.408
230	468	.065	.136	.627	-.350
230	469	.127	.139	.715	-.277

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	470	-.137	.122	.210	-1.027
230	471	.124	.128	.605	-.290
230	472	.041	.112	.390	-.406
230	473	.039	.114	.435	-.381
230	474	.106	.125	.568	-.302
230	475	-.138	.120	.279	-.546
230	476	.132	.128	.772	-.364
230	477	.138	.133	.738	-.368
230	478	-.063	.133	.470	-.532
230	479	-.229	.141	.268	-.891
230	480	.147	.135	.645	-.319
230	481	-.150	.118	.283	-.583
230	482	.075	.120	.550	-.351
230	483	.002	.129	.474	-.478
230	484	.102	.136	.537	-.446
230	485	.182	.152	.660	-.357
230	486	.172	.150	.666	-.385
230	487	.172	.161	.730	-.406
230	488	.081	.137	.589	-.368
230	489	.045	.132	.546	-.392
230	490	.147	.158	.747	-.367
230	491	.011	.179	.643	-.659
230	492	-.181	.142	.299	-.671
230	493	-.141	.143	.314	-.682
230	494	-.158	.144	.354	-.733
230	495	-.121	.141	.425	-.668
230	496	-.117	.136	.308	-.591
230	501	-.146	.154	.534	-.682
230	502	-.142	.156	.366	-.830
230	503	-.105	.140	.427	-.610
230	504	-.183	.157	.477	-.710
230	505	-.186	.142	.344	-.695
230	506	-.166	.141	.331	-.615
230	507	-.152	.145	.271	-.664
230	508	-.191	.147	.278	-.822
230	509	-.122	.135	.291	-.564
230	510	-.180	.139	.258	-.744
230	511	-.159	.137	.289	-.603
230	512	-.140	.133	.443	-.717
230	513	-.148	.134	.359	-.695
230	514	-.148	.133	.363	-.741
230	515	-.153	.136	.409	-.635
230	516	-.158	.133	.333	-.717
230	517	-.128	.176	.852	-.519
230	518	-.137	.126	.318	-.555
230	519	-.150	.129	.343	-.545
230	520	-.149	.147	.319	-.649
230	521	-.135	.140	.336	-.649
230	522	-.134	.142	.337	-.642
230	523	-.129	.141	.352	-.649
230	524	-.146	.123	.253	-.604
230	525	-.142	.123	.217	-.581
230	526	-.129	.120	.240	-.591
230	527	-.132	.121	.254	-.583
230	528	-.146	.132	.303	-.842
230	529	-.133	.129	.303	-.894
230	530	-.132	.124	.268	-.564
230	531	-.138	.124	.281	-.564
230	532	-.120	.125	.330	-.563
230	533	-.133	.127	.281	-.563
230	534	-.120	.124	.324	-.543
230	535	-.119	.124	.331	-.541
230	536	-.117	.124	.325	-.538
230	537	-.123	.121	.239	-.560
230	538	-.124	.118	.286	-.553
230	539	-.124	.119	.256	-.532
230	540	-.128	.121	.249	-.571
230	541	-.113	.133	.361	-.523
230	542	-.109	.132	.349	-.511
230	543	-.113	.132	.345	-.517
230	544	-.119	.132	.332	-.527
230	545	-.119	.119	.242	-.559
230	546	-.177	.137	.467	-.772
230	547	-.142	.137	.334	-.683
230	548	-.138	.138	.331	-.697
230	549	-.138	.138	.316	-.652
230	550	-.156	.138	.536	-.741
230	551	-.119	.128	.299	-.627
230	552	-.124	.129	.307	-.643
230	553	-.113	.129	.301	-.643
230	554	-.117	.128	.341	-.531
230	555	-.121	.127	.347	-.536
230	556	-.129	.128	.339	-.561
230	557	-.132	.131	.333	-.614
230	558	-.126	.123	.232	-.613
230	559	-.113	.126	.265	-.542
230	560	-.124	.119	.293	-.493
230	561	-.120	.128	.285	-.646
230	562	-.143	.133	.251	-.638
230	563	-.134	.126	.336	-.536
230	564	-.144	.137	.349	-.640
230	565	-.122	.130	.340	-.581
230	566	-.134	.132	.353	-.557
230	567	-.136	.135	.361	-.706
230	568	-.136	.125	.264	-.587
230	569	-.107	.122	.327	-.585
230	570	-.129	.123	.290	-.579
230	571	-.122	.123	.312	-.578
230	572	-.107	.121	.289	-.529
230	573	-.122	.122	.230	-.562
230	574	-.119	.121	.254	-.544
230	575	-.112	.120	.262	-.542
230	576	-.128	.127	.302	-.525
230	577	-.143	.128	.265	-.653
230	578	-.110	.124	.330	-.517
230	579	-.059	.122	.406	-.441
230	580	-.045	.133	.432	-.489
230	581	-.142	.135	.302	-.626
230	582	-.173	.149	.263	-.781
230	583	-.058	.133	.373	-.497
230	584	-.008	.124	.456	-.413
230	585	-.119	.116	.343	-.475
230	586	-.097	.120	.345	-.482
230	901	-.145	.121	.347	-.575
230	902	-.087	.150	.652	-.318
230	903	-.215	.143	.323	-.725
230	904	-.171	.142	.354	-.675
230	905	-.297	.156	.166	-.924
230	906	-.166	.130	.245	-.812
230	907	-.173	.124	.207	-.650
230	908	-.129	.115	.325	-.575
230	909	-.139	.100	.226	-.541
230	910	-.252	.148	.277	-.916
230	911	-.105	.128	.318	-.526
230	912	-.154	.137	.285	-.698
230	913	-.117	.126	.313	-.649
230	914	-.106	.123	.303	-.575
230	915	-.089	.129	.377	-.823
230	916	-.107	.123	.314	-.531
230	917	-.116	.115	.290	-.541
230	918	-.097	.128	.384	-.640
230	919	-.101	.122	.396	-.611
230	920	-.105	.123	.270	-.627
230	921	-.123	.106	.233	-.523
230	922	-.116	.108	.241	-.488
230	923	-.108	.110	.244	-.468
230	924	-.099	.107	.246	-.424
230	925	-.098	.109	.264	-.444
230	926	-.080	.111	.266	-.448
230	927	-.114	.117	.267	-.496
230	928	-.139	.118	.238	-.552
230	929	-.152	.126	.304	-.536
230	930	-.138	.121	.261	-.541
230	931	-.107	.109	.320	-.448
230	932	-.106	.106	.308	-.426
230	933	-.110	.108	.321	-.447
230	935	-.109	.108	.231	-.491
230	936	-.108	.104	.233	-.461
230	937	-.162	.116	.244	-.551
230	938	-.116	.103	.258	-.444

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	939	-.114	.117	.253	-.545
230	940	-.122	.116	.238	-.533
230	941	-.125	.117	.239	-.523
230	942	-.110	.116	.270	-.509
230	943	-.112	.110	.226	-.499
230	944	-.113	.108	.218	-.517
230	945	-.123	.109	.246	-.473
230	946	-.136	.114	.236	-.509
230	947	-.104	.108	.273	-.416
230	948	-.102	.108	.293	-.458
230	949	-.105	.109	.287	-.477
230	950	-.112	.111	.288	-.482
230	951	-.126	.107	.241	-.481
230	952	-.108	.102	.268	-.445
230	953	-.104	.103	.267	-.441
230	954	-.111	.103	.260	-.432
230	955	-.114	.104	.239	-.446
230	956	-.121	.105	.223	-.577
230	957	-.113	.136	.294	-.587
230	958	-.122	.131	.283	-.600
230	959	-.123	.141	.279	-.680
230	960	-.106	.102	.254	-.434
230	961	-.127	.136	.269	-.641
230	962	-.153	.134	.385	-.665
230	963	-.148	.130	.420	-.616
230	964	-.147	.131	.409	-.611
230	965	-.142	.133	.398	-.655
230	966	-.128	.117	.244	-.522
230	967	-.139	.117	.243	-.512
230	968	-.166	.128	.271	-.666
230	969	-.152	.122	.245	-.582
230	970	-.121	.131	.251	-.572
230	971	-.133	.128	.267	-.573
230	972	-.143	.133	.276	-.680
230	973	-.161	.133	.220	-.600
230	974	-.201	.127	.242	-.745
230	975	-.123	.119	.301	-.491
230	976	-.152	.123	.301	-.592
230	977	-.143	.120	.316	-.569
230	978	-.117	.106	.280	-.488
230	979	-.146	.124	.260	-.677
230	980	-.123	.125	.328	-.547
230	981	-.163	.128	.213	-.962
230	982	-.171	.127	.222	-.679
230	983	-.196	.151	.273	-.759
230	984	-.208	.143	.211	-.935
230	985	-.063	.126	.398	-.486
230	986	-.146	.123	.254	-.529
240	1	-.119	.145	.340	-.590
240	2	-.068	.137	.354	-.534
240	3	-.115	.140	.316	-.531
240	4	-.087	.141	.334	-.532
240	5	-.147	.111	.254	-.527
240	6	-.086	.114	.406	-.486
240	7	-.147	.110	.235	-.556
240	8	-.100	.115	.378	-.510
240	9	-.382	.158	.080	-1.281
240	10	-.459	.192	.144	-1.405
240	11	.097	.155	.624	-.527
240	12	.027	.126	.441	-.436
240	13	.007	.119	.435	-.432
240	14	.023	.129	.512	-.461
240	15	-.121	.108	.242	-.509
240	16	-.122	.108	.253	-.529
240	17	-.119	.117	.279	-.498
240	18	-.118	.113	.272	-.502
240	101	-.118	.129	.332	-.519
240	102	-.117	.129	.375	-.598
240	103	-.169	.123	.204	-.749
240	104	-.196	.136	.249	-.840
240	105	-.108	.129	.247	-.526
240	106	-.123	.123	.281	-.530
240	107	-.127	.129	.328	-.629
240	108	-.145	.130	.295	-.689
240	109	-.143	.128	.266	-.692
240	110	-.152	.130	.245	-.706
240	111	-.132	.128	.367	-.710
240	112	-.130	.121	.313	-.583
240	113	-.133	.129	.309	-.820
240	114	-.110	.128	.342	-.554
240	115	-.106	.133	.360	-.633
240	116	-.106	.131	.380	-.616
240	117	-.116	.132	.391	-.644
240	118	-.109	.132	.413	-.650
240	119	-.134	.117	.250	-.537
240	120	-.145	.111	.228	-.483
240	121	-.136	.113	.247	-.494
240	122	-.134	.114	.298	-.541
240	123	-.130	.128	.300	-.738
240	124	-.119	.125	.266	-.658
240	125	-.113	.126	.324	-.574
240	126	-.103	.129	.329	-.606
240	127	-.130	.126	.262	-.533
240	128	-.124	.123	.273	-.524
240	129	-.150	.124	.286	-.567
240	130	-.145	.126	.304	-.567
240	131	-.132	.123	.272	-.540
240	132	-.119	.125	.272	-.518
240	133	-.131	.122	.256	-.528
240	134	-.123	.122	.271	-.527
240	135	-.127	.120	.360	-.599
240	136	-.121	.118	.352	-.583
240	137	-.126	.121	.336	-.601
240	138	-.129	.121	.313	-.590
240	139	-.119	.119	.284	-.514
240	140	-.141	.122	.281	-.562
240	141	-.142	.123	.273	-.522
240	142	-.165	.122	.227	-.550
240	143	-.144	.118	.234	-.539
240	144	-.134	.122	.280	-.569
240	145	-.128	.125	.380	-.509
240	146	-.128	.128	.413	-.531
240	147	-.139	.122	.304	-.548
240	148	-.116	.124	.367	-.523
240	149	-.133	.126	.307	-.589
240	150	-.125	.125	.253	-.536
240	151	-.110	.138	.294	-.559
240	152	-.130	.123	.242	-.524
240	153	-.127	.117	.326	-.534
240	154	-.171	.121	.288	-.626
240	155	-.173	.121	.281	-.612
240	156	-.168	.122	.277	-.602
240	157	-.157	.122	.339	-.558
240	158	-.135	.115	.302	-.508
240	159	-.148	.121	.320	-.520
240	160	-.116	.119	.337	-.484
240	161	-.089	.114	.342	-.555
240	162	-.096	.111	.342	-.527
240	163	-.129	.114	.254	-.596
240	164	-.183	.115	.207	-.641
240	165	-.179	.116	.202	-.630
240	166	-.147	.113	.204	-.505
240	167	-.155	.118	.180	-.561
240	168	-.091	.143	.491	-.608
240	169	-.187	.153	.392	-.729
240	170	-.181	.154	.452	-.823
240	171	-.148	.129	.427	-.698
240	172	-.116	.127	.318	-.579
240	173	-.118	.127	.305	-.555
240	174	-.144	.122	.250	-.581
240	175	-.126	.122	.332	-.584
240	176	-.140	.107	.225	-.498
240	177	-.146	.120	.283	-.598
240	178	-.132	.116	.255	-.614
240	179	-.134	.117	.298	-.564
240	180	-.146	.115	.298	-.531
240	181	-.105	.115	.276	-.485
240	182	-.088	.126	.607	-.481
240	183	-.077	.128	.478	-.483
240	184	-.086	.139	.444	-.628

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	185	-.157	.118	.208	-.562
240	186	-.154	.124	.306	-.645
240	187	-.156	.131	.351	-.616
240	188	-.137	.128	.344	-.546
240	189	-.118	.129	.414	-.559
240	190	-.056	.129	.391	-.533
240	191	-.064	.122	.398	-.559
240	192	-.088	.125	.344	-.549
240	193	-.097	.116	.310	-.460
240	194	-.093	.114	.297	-.473
240	195	-.110	.126	.433	-.669
240	196	-.116	.122	.306	-.637
240	197	-.138	.125	.342	-.675
240	198	-.059	.131	.515	-.521
240	199	.065	.148	.706	-.464
240	200	.079	.156	.866	-.452
240	201	.153	.205	.915	-.456
240	202	-.059	.140	.492	-.498
240	203	-.104	.126	.382	-.508
240	204	-.091	.129	.337	-.519
240	205	-.089	.132	.407	-.518
240	206	-.050	.132	.439	-.440
240	207	-.081	.134	.507	-.504
240	208	-.094	.122	.324	-.504
240	209	-.084	.118	.380	-.443
240	210	-.089	.116	.294	-.499
240	211	-.093	.135	.529	-.483
240	212	-.099	.122	.270	-.529
240	213	-.113	.126	.277	-.515
240	214	-.127	.123	.238	-.530
240	215	-.121	.121	.368	-.510
240	301	-.131	.129	.441	-.598
240	302	-.173	.137	.434	-.670
240	303	-.147	.121	.600	-.486
240	304	-.141	.128	.329	-.624
240	305	-.160	.148	.473	-.776
240	306	-.126	.167	.632	-.697
240	307	-.147	.125	.295	-.623
240	308	-.197	.134	.174	-.813
240	309	-.146	.126	.317	-.657
240	310	-.199	.216	.945	-1.210
240	311	-.046	.168	.730	-.650
240	312	-.118	.124	.360	-.530
240	313	-.136	.125	.346	-.591
240	314	-.067	.211	.813	-1.104
240	315	-.119	.119	.340	-.691
240	316	-.214	.211	.694	-.945
240	317	-.059	.163	.631	-.715
240	318	-.103	.233	.582	-1.198
240	319	-.128	.118	.260	-.548
240	320	-.133	.120	.254	-.629
240	321	-.127	.119	.262	-.617
240	322	-.165	.178	.439	-.863
240	323	-.056	.150	.514	-.796
240	324	-.063	.192	.407	-.955
240	325	-.138	.122	.294	-.634
240	326	-.116	.119	.312	-.505
240	327	-.085	.120	.309	-.449
240	328	-.154	.124	.257	-.685
240	329	-.143	.122	.285	-.688
240	330	-.110	.123	.354	-.579
240	331	-.157	.161	.341	-.750
240	332	-.044	.142	.454	-.590
240	333	-.052	.175	.468	-.789
240	334	-.179	.115	.199	-.641
240	335	-.132	.109	.236	-.518
240	336	-.118	.111	.321	-.572
240	337	-.169	.113	.289	-.598
240	338	-.168	.116	.293	-.585
240	339	-.127	.120	.372	-.564
240	340	-.135	.120	.339	-.533
240	341	-.121	.122	.368	-.551
240	342	-.102	.123	.357	-.575
240	343	-.108	.115	.384	-.555
240	344	-.123	.116	.261	-.595
240	345	-.140	.113	.225	-.580
240	346	-.122	.118	.305	-.537
240	347	-.125	.115	.223	-.530
240	348	-.120	.118	.251	-.496
240	349	-.111	.161	.560	-.738
240	350	-.027	.163	.526	-.565
240	351	-.019	.168	.569	-.576
240	352	-.110	.124	.274	-.537
240	353	-.114	.124	.288	-.554
240	354	-.106	.123	.290	-.569
240	355	-.087	.120	.313	-.545
240	356	-.095	.115	.304	-.455
240	357	-.105	.113	.271	-.486
240	358	-.085	.116	.373	-.437
240	359	-.095	.115	.288	-.478
240	360	-.097	.117	.307	-.538
240	361	-.096	.121	.377	-.525
240	362	-.056	.137	.426	-.507
240	363	-.078	.159	.445	-.648
240	364	-.008	.153	.551	-.519
240	365	-.131	.113	.320	-.558
240	366	-.119	.111	.300	-.560
240	367	-.102	.113	.321	-.539
240	368	-.147	.113	.326	-.556
240	369	-.215	.140	.306	-.748
240	370	-.228	.158	.287	-.856
240	371	-.148	.133	.273	-.657
240	372	-.106	.116	.309	-.544
240	373	-.085	.116	.348	-.518
240	374	-.102	.123	.238	-.610
240	375	-.093	.120	.329	-.551
240	376	-.063	.110	.299	-.445
240	377	-.047	.114	.332	-.434
240	401	-.106	.225	.775	-1.158
240	402	.058	.119	.439	-.274
240	403	.085	.175	.969	-.534
240	404	.069	.147	.771	-.498
240	405	-.006	.139	.594	-.568
240	406	.006	.142	.583	-.502
240	407	-.216	.172	.530	-.847
240	408	-.192	.138	.309	-.666
240	409	-.023	.161	.731	-.584
240	410	.006	.163	.820	-.655
240	411	-.090	.122	.275	-.592
240	412	.044	.154	.743	-.437
240	413	.111	.169	.845	-.385
240	414	.137	.179	.994	-.453
240	415	.151	.165	.822	-.317
240	416	.061	.152	.732	-.361
240	417	.040	.154	.724	-.499
240	418	.030	.149	.701	-.382
240	419	.047	.155	.719	-.403
240	420	.101	.174	.853	-.581
240	421	-.136	.203	.646	-.873
240	422	-.180	.132	.328	-.758
240	423	-.291	.155	.146	-1.091
240	424	-.104	.170	.511	-.832
240	425	-.359	.199	.184	-1.140
240	426	-.200	.134	.262	-.743
240	427	.017	.147	.732	-.515
240	428	.080	.143	.710	-.368
240	429	.134	.158	.757	-.330
240	430	.162	.162	.901	-.329
240	431	.198	.163	.966	-.268
240	432	.131	.151	.719	-.374
240	433	.093	.143	.717	-.426
240	434	.125	.157	.916	-.380
240	435	.149	.171	.816	-.406
240	436	.171	.175	.976	-.278
240	437	.183	.181	1.085	-.322
240	438	-.186	.216	.606	-.872
240	439	-.183	.127	.290	-.706
240	440	-.207	.133	.266	-.773
240	441	-.275	.159	.280	-1.083
240	442	-.185	.121	.176	-.667

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	443	-.165	.120	.243	-.907
240	444	.011	.133	.448	-.430
240	445	-.143	.117	.288	-.556
240	446	.006	.132	.525	-.432
240	447	.042	.117	.516	-.353
240	448	.069	.125	.513	-.474
240	449	.095	.127	.597	-.392
240	450	.100	.129	.587	-.436
240	451	.110	.146	.637	-.446
240	452	.078	.137	.569	-.435
240	453	.106	.142	.612	-.404
240	454	.084	.130	.581	-.431
240	455	.090	.138	.643	-.468
240	456	.042	.144	.635	-.536
240	457	-.296	.186	.362	-1.122
240	458	-.215	.136	.179	-.775
240	459	-.211	.131	.181	-.744
240	460	-.208	.127	.215	-.667
240	461	-.144	.114	.230	-.512
240	462	-.132	.111	.242	-.496
240	463	.041	.133	.545	-.418
240	464	.020	.125	.412	-.365
240	465	.049	.133	.593	-.554
240	466	-.004	.128	.389	-.459
240	467	-.001	.122	.487	-.391
240	468	.006	.131	.481	-.388
240	469	.062	.146	.567	-.479
240	470	-.139	.112	.256	-.377
240	471	.082	.120	.498	-.337
240	472	.000	.122	.391	-.471
240	473	-.001	.121	.586	-.449
240	474	.058	.130	.689	-.336
240	475	-.156	.124	.271	-.633
240	476	.092	.116	.632	-.308
240	477	.094	.119	.631	-.311
240	478	-.081	.127	.504	-.525
240	479	-.252	.126	.118	-.656
240	480	.101	.124	.548	-.298
240	481	-.167	.114	.168	-.539
240	482	.045	.112	.421	-.437
240	483	-.001	.124	.410	-.602
240	484	.057	.124	.450	-.353
240	485	.109	.131	.572	-.325
240	486	.102	.132	.532	-.303
240	487	.110	.139	.572	-.300
240	488	.037	.148	.657	-.410
240	489	.010	.139	.543	-.424
240	490	.094	.155	.782	-.378
240	491	-.028	.167	.537	-.671
240	492	-.182	.132	.339	-.687

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	493	-.153	.131	.330	-.612
240	494	-.169	.131	.252	-.599
240	495	-.128	.129	.268	-.600
240	496	-.132	.123	.264	-.527
240	501	-.180	.138	.262	-.743
240	502	-.155	.142	.293	-.756
240	503	-.132	.132	.260	-.596
240	504	-.243	.149	.215	-1.022
240	505	-.204	.136	.229	-.857
240	506	-.189	.134	.182	-.702
240	507	-.176	.137	.252	-1.004
240	508	-.195	.144	.249	-.976
240	509	-.145	.132	.439	-.565
240	510	-.190	.142	.285	-.795
240	511	-.163	.134	.352	-.673
240	512	-.146	.126	.349	-.567
240	513	-.147	.127	.346	-.621
240	514	-.154	.128	.328	-.719
240	515	-.158	.131	.329	-.625
240	516	-.157	.121	.255	-.603
240	517	.025	.161	.757	-.646
240	518	-.140	.115	.253	-.534
240	519	-.147	.117	.261	-.587
240	520	-.137	.126	.378	-.605
240	521	-.124	.124	.360	-.557
240	522	-.128	.125	.369	-.560
240	523	-.120	.124	.365	-.550
240	524	-.139	.122	.250	-.496
240	525	-.136	.120	.261	-.509
240	526	-.130	.120	.234	-.481
240	527	-.129	.121	.249	-.526
240	528	-.146	.123	.281	-.769
240	529	-.134	.120	.259	-.756
240	530	-.141	.119	.250	-.522
240	531	-.142	.121	.245	-.623
240	532	-.127	.132	.372	-.635
240	533	-.145	.124	.356	-.508
240	534	-.126	.129	.352	-.602
240	535	-.129	.131	.360	-.627
240	536	-.123	.131	.363	-.639
240	537	-.123	.119	.244	-.542
240	538	-.124	.117	.246	-.544
240	539	-.129	.118	.244	-.540
240	540	-.125	.119	.248	-.551
240	541	-.132	.126	.277	-.551
240	542	-.129	.125	.286	-.535
240	543	-.137	.126	.277	-.535
240	544	-.141	.126	.257	-.526
240	545	-.142	.122	.276	-.516
240	546	-.156	.126	.261	-.600

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	547	-.139	.117	.211	-.613
240	548	-.141	.118	.209	-.588
240	549	-.138	.118	.214	-.559
240	550	-.143	.125	.260	-.597
240	551	-.131	.125	.317	-.549
240	552	-.140	.126	.322	-.556
240	553	-.134	.126	.349	-.556
240	554	-.128	.121	.390	-.535
240	555	-.133	.121	.405	-.528
240	556	-.141	.123	.388	-.528
240	557	-.151	.125	.394	-.582
240	558	-.155	.124	.292	-.570
240	559	-.144	.132	.364	-.612
240	560	-.147	.119	.225	-.533
240	561	-.154	.134	.342	-.642
240	562	-.178	.137	.349	-.693
240	563	-.133	.123	.281	-.552
240	564	-.145	.121	.269	-.585
240	565	-.138	.118	.288	-.613
240	566	-.142	.119	.264	-.588
240	567	-.142	.119	.259	-.597
240	568	-.140	.125	.249	-.597
240	569	-.129	.121	.263	-.518
240	570	-.136	.123	.263	-.562
240	571	-.137	.124	.284	-.557
240	572	-.125	.127	.289	-.536
240	573	-.144	.131	.296	-.608
240	574	-.142	.129	.307	-.602
240	575	-.132	.126	.278	-.547
240	576	-.170	.142	.273	-.636
240	577	-.147	.132	.273	-.582
240	578	-.135	.130	.289	-.491
240	579	-.100	.130	.300	-.461
240	580	-.101	.128	.324	-.516
240	581	-.141	.135	.347	-.589
240	582	-.135	.128	.317	-.619
240	583	-.106	.128	.321	-.512
240	584	-.041	.127	.411	-.465
240	585	-.133	.114	.273	-.521
240	586	-.106	.131	.417	-.575
240	901	-.160	.124	.313	-.671
240	902	.060	.147	.594	-.415
240	903	-.223	.162	.282	-.852
240	904	-.181	.152	.481	-.840
240	905	-.326	.161	.123	-1.024
240	906	-.204	.154	.247	-1.092
240	907	-.186	.145	.307	-.786
240	908	-.135	.121	.398	-.595
240	909	-.136	.101	.280	-.467
240	910	-.274	.150	.114	-.933

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	911	-.124	.132	.312	-.686
240	912	-.181	.150	.338	-.929
240	913	-.126	.137	.403	-.731
240	914	-.111	.134	.425	-.760
240	915	-.091	.120	.412	-.536
240	916	-.123	.121	.347	-.602
240	917	-.127	.119	.497	-.628
240	918	-.097	.119	.375	-.522
240	919	-.115	.121	.381	-.487
240	920	-.133	.123	.244	-.564
240	921	-.130	.107	.236	-.499
240	922	-.129	.108	.229	-.492
240	923	-.124	.110	.246	-.481
240	924	-.122	.108	.261	-.483
240	925	-.106	.108	.246	-.459
240	926	-.104	.109	.327	-.466
240	927	-.123	.107	.270	-.509
240	928	-.155	.108	.233	-.547
240	929	-.165	.120	.288	-.616
240	930	-.147	.111	.292	-.544
240	931	-.122	.113	.243	-.463
240	932	-.128	.111	.222	-.466
240	933	-.118	.114	.224	-.500
240	935	-.129	.117	.209	-.551
240	936	-.132	.114	.221	-.485
240	937	-.161	.125	.202	-.590
240	938	-.133	.113	.249	-.531
240	939	-.122	.114	.280	-.498
240	940	-.128	.114	.241	-.536
240	941	-.134	.114	.255	-.552
240	942	-.130	.116	.298	-.532
240	943	-.120	.116	.264	-.542
240	944	-.122	.116	.264	-.545
240	945	-.124	.117	.246	-.558
240	946	-.143	.119	.210	-.627
240	947	-.118	.113	.225	-.515
240	948	-.119	.109	.250	-.453
240	949	-.121	.112	.224	-.459
240	950	-.130	.111	.208	-.489
240	951	-.134	.115	.237	-.560
240	952	-.126	.113	.257	-.506
240	953	-.119	.111	.292	-.533
240	954	-.131	.112	.267	-.531
240	955	-.141	.117	.277	-.551
240	956	-.147	.114	.210	-.558
240	957	-.130	.119	.266	-.561
240	958	-.160	.126	.259	-.566
240	959	-.146	.121	.257	-.622
240	960	-.138	.116	.217	-.520
240	961	-.162	.120	.212	-.668

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	962	-.171	.135	.278	-.727
240	963	-.157	.128	.272	-.619
240	964	-.161	.128	.262	-.650
240	965	-.162	.130	.258	-.670
240	966	-.140	.125	.317	-.558
240	967	-.156	.128	.282	-.565
240	968	-.181	.136	.203	-.679
240	969	-.167	.129	.330	-.642
240	970	-.151	.128	.287	-.631
240	971	-.164	.127	.267	-.660
240	972	-.186	.134	.282	-.643
240	973	-.186	.131	.259	-.696
240	974	-.184	.132	.217	-.763
240	975	-.133	.121	.222	-.565
240	976	-.148	.125	.224	-.565
240	977	-.152	.122	.275	-.521
240	978	-.155	.123	.258	-.803
240	979	-.162	.120	.214	-.544
240	980	-.111	.121	.278	-.529
240	981	-.184	.125	.207	-.634
240	982	-.191	.123	.191	-.603
240	983	-.196	.135	.201	-.760
240	984	-.163	.141	.443	-.840
240	985	-.089	.137	.428	-.527
240	986	-.163	.133	.336	-.619
250	1	-.130	.126	.287	-.556
250	2	-.087	.123	.341	-.551
250	3	-.124	.125	.344	-.541
250	4	-.090	.128	.312	-.500
250	5	-.144	.110	.202	-.535
250	6	-.132	.108	.183	-.546
250	7	-.136	.106	.204	-.463
250	8	-.097	.116	.418	-.530
250	9	-.370	.153	.166	-1.098
250	10	-.421	.185	.138	-1.333
250	11	-.020	.141	.779	-.541
250	12	-.011	.115	.386	-.472
250	13	-.005	.126	.374	-.715
250	14	.041	.132	.538	-.388
250	15	-.130	.112	.242	-.521
250	16	-.130	.112	.235	-.513
250	17	-.133	.107	.242	-.482
250	18	-.126	.107	.236	-.486
250	101	-.151	.126	.279	-.634
250	102	-.146	.126	.254	-.591
250	103	-.172	.130	.293	-.679
250	104	-.192	.135	.216	-.722
250	105	-.143	.123	.229	-.834
250	106	-.146	.125	.235	-.818
250	107	-.149	.122	.247	-.596

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	108	-.158	.122	.268	-.671
250	109	-.139	.122	.310	-.602
250	110	-.144	.122	.297	-.602
250	111	-.148	.133	.242	-.656
250	112	-.154	.130	.260	-.596
250	113	-.154	.133	.277	-.708
250	114	-.144	.130	.275	-.574
250	115	-.146	.131	.256	-.609
250	116	-.147	.129	.222	-.596
250	117	-.144	.129	.259	-.615
250	118	-.137	.130	.280	-.630
250	119	-.163	.132	.227	-.641
250	120	-.148	.123	.237	-.579
250	121	-.141	.123	.263	-.534
250	122	-.140	.124	.266	-.520
250	123	-.139	.120	.250	-.653
250	124	-.136	.118	.235	-.633
250	125	-.133	.117	.249	-.601
250	126	-.129	.117	.266	-.605
250	127	-.144	.124	.357	-.609
250	128	-.143	.122	.348	-.609
250	129	-.153	.129	.359	-.653
250	130	-.166	.133	.382	-.678
250	131	-.141	.114	.247	-.564
250	132	-.148	.121	.241	-.567
250	133	-.134	.113	.256	-.527
250	134	-.131	.113	.256	-.536
250	135	-.135	.113	.318	-.501
250	136	-.127	.111	.324	-.496
250	137	-.133	.112	.316	-.528
250	138	-.132	.114	.291	-.548
250	139	-.129	.119	.303	-.479
250	140	-.144	.119	.235	-.526
250	141	-.143	.120	.216	-.538
250	142	-.163	.124	.215	-.595
250	143	-.161	.105	.202	-.577
250	144	-.146	.108	.226	-.579
250	145	-.146	.106	.221	-.469
250	146	-.144	.106	.218	-.470
250	147	-.145	.117	.303	-.530
250	148	-.138	.116	.272	-.523
250	149	-.151	.109	.222	-.578
250	150	-.136	.113	.237	-.498
250	151	-.171	.128	.236	-.630
250	152	-.140	.112	.215	-.498
250	153	-.156	.117	.232	-.610
250	154	-.193	.122	.216	-.648
250	155	-.191	.122	.212	-.639
250	156	-.187	.122	.194	-.666
250	157	-.170	.121	.250	-.700

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	158	-.165	.114	.245	-.641
250	159	-.158	.121	.258	-.605
250	160	-.148	.117	.251	-.588
250	161	-.138	.118	.274	-.495
250	162	-.144	.116	.267	-.549
250	163	-.166	.118	.258	-.614
250	164	-.185	.125	.275	-.672
250	165	-.187	.141	.259	-.711
250	166	-.151	.129	.253	-.629
250	167	-.153	.132	.248	-.639
250	168	-.104	.141	.479	-.602
250	169	-.182	.142	.241	-.811
250	170	-.181	.142	.342	-.952
250	171	-.174	.128	.276	-.693
250	172	-.178	.128	.260	-.702
250	173	-.155	.125	.251	-.669
250	174	-.135	.122	.307	-.537
250	175	-.134	.119	.284	-.519
250	176	-.171	.120	.280	-.538
250	177	-.178	.125	.283	-.597
250	178	-.206	.131	.226	-.676
250	179	-.220	.132	.233	-.675
250	180	-.146	.125	.261	-.605
250	181	-.097	.122	.519	-.501
250	182	-.109	.126	.523	-.522
250	183	-.099	.130	.464	-.572
250	184	-.114	.136	.493	-.590
250	185	-.181	.123	.238	-.684
250	186	-.184	.129	.264	-.662
250	187	-.191	.132	.414	-.690
250	188	-.198	.128	.179	-.729
250	189	-.174	.121	.230	-.635
250	190	-.139	.123	.315	-.599
250	191	-.122	.122	.341	-.570
250	192	-.127	.120	.283	-.590
250	193	-.163	.119	.210	-.552
250	194	-.183	.126	.202	-.613
250	195	-.202	.134	.204	-.711
250	196	-.203	.133	.193	-.708
250	197	-.166	.123	.215	-.603
250	198	-.100	.123	.324	-.487
250	199	.008	.132	.450	-.421
250	200	.022	.140	.542	-.452
250	201	.023	.178	.900	-.502
250	202	-.129	.131	.351	-.619
250	203	-.151	.127	.351	-.635
250	204	-.170	.122	.242	-.607
250	205	-.152	.122	.271	-.501
250	206	-.136	.120	.276	-.490
250	207	-.139	.122	.270	-.561
250	208	-.133	.119	.255	-.507
250	209	-.139	.121	.277	-.538
250	210	-.145	.118	.248	-.521
250	211	-.162	.122	.248	-.593
250	212	-.174	.129	.263	-.596
250	213	-.192	.132	.303	-.653
250	214	-.134	.111	.227	-.493
250	215	-.161	.126	.271	-.575
250	301	-.152	.132	.466	-.630
250	302	-.141	.175	.556	-.659
250	303	-.170	.131	.235	-.476
250	304	-.153	.131	.266	-.675
250	305	-.087	.190	.856	-.613
250	306	-.074	.193	.663	-.773
250	307	-.184	.130	.266	-.588
250	308	-.312	.177	.286	-1.085
250	309	-.173	.156	.337	-.746
250	310	-.018	.235	1.156	-.858
250	311	.074	.207	1.044	-.633
250	312	-.154	.129	.274	-.574
250	313	-.192	.132	.362	-.653
250	314	.034	.173	.828	-.744
250	315	-.109	.121	.355	-.524
250	316	-.036	.188	.734	-.638
250	317	.047	.169	.939	-.494
250	318	.019	.162	.695	-.808
250	319	-.169	.116	.214	-.573
250	320	-.155	.121	.329	-.570
250	321	-.150	.122	.342	-.516
250	322	-.038	.170	.617	-.578
250	323	.034	.160	.688	-.538
250	324	.052	.149	.584	-.575
250	325	-.149	.124	.235	-.570
250	326	-.137	.121	.258	-.567
250	327	-.132	.120	.257	-.531
250	328	-.157	.110	.218	-.572
250	329	-.148	.113	.265	-.582
250	330	-.097	.119	.342	-.567
250	331	-.059	.155	.572	-.620
250	332	.022	.125	.572	-.442
250	333	.020	.125	.453	-.522
250	334	-.172	.106	.219	-.490
250	335	-.139	.101	.207	-.492
250	336	-.131	.113	.355	-.498
250	337	-.173	.117	.328	-.517
250	338	-.166	.120	.351	-.497
250	339	-.144	.128	.401	-.509
250	340	-.160	.122	.294	-.552
250	341	-.187	.124	.235	-.659
250	342	-.168	.121	.323	-.675
250	343	-.142	.122	.253	-.550
250	344	-.140	.110	.256	-.555
250	345	-.150	.109	.248	-.573
250	346	-.139	.116	.340	-.536
250	347	-.131	.110	.230	-.549
250	348	-.127	.115	.270	-.522
250	349	-.050	.145	.555	-.704
250	350	.018	.150	.665	-.505
250	351	.034	.141	.566	-.575
250	352	-.154	.128	.309	-.549
250	353	-.170	.128	.275	-.606
250	354	-.155	.124	.320	-.563
250	355	-.115	.120	.330	-.547
250	356	-.107	.122	.320	-.564
250	357	-.121	.120	.283	-.549
250	358	-.089	.125	.469	-.546
250	359	-.103	.123	.329	-.550
250	360	-.096	.121	.280	-.568
250	361	-.064	.128	.325	-.570
250	362	.007	.147	.553	-.529
250	363	.011	.166	.591	-.624
250	364	.053	.152	.624	-.436
250	365	-.147	.114	.254	-.496
250	366	-.143	.112	.258	-.479
250	367	-.135	.114	.285	-.457
250	368	-.148	.116	.253	-.572
250	369	-.158	.118	.260	-.574
250	370	-.153	.119	.252	-.567
250	371	-.145	.129	.316	-.575
250	372	-.130	.118	.244	-.492
250	373	-.123	.118	.284	-.494
250	374	-.173	.124	.255	-.614
250	375	-.136	.121	.289	-.520
250	376	-.099	.123	.257	-.515
250	377	-.088	.126	.307	-.531
250	401	-.142	.213	.831	-.894
250	402	-.010	.139	.527	-.417
250	403	-.012	.164	.555	-.853
250	404	-.020	.144	.792	-.538
250	405	-.072	.139	.665	-.784
250	406	-.054	.139	.587	-.534
250	407	-.216	.170	.508	-.863
250	408	-.200	.139	.402	-.802
250	409	-.054	.153	.492	-.688
250	410	-.022	.130	.678	-.479
250	411	-.092	.126	.375	-.612
250	412	-.006	.140	.561	-.452
250	413	.057	.151	.605	-.406
250	414	.043	.161	.746	-.588
250	415	.067	.163	.808	-.360

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	416	.010	.152	.810	-.437
250	417	-.007	.162	.848	-.577
250	418	.005	.158	.619	-.483
250	419	.026	.163	.643	-.462
250	420	.089	.186	.897	-.495
250	421	-.173	.186	.492	-.955
250	422	-.204	.137	.257	-.718
250	423	-.309	.166	.154	-1.010
250	424	-.125	.174	.566	-.753
250	425	-.371	.199	.245	-1.575
250	426	-.213	.131	.165	-.839
250	427	-.010	.154	.561	-.651
250	428	.038	.131	.584	-.377
250	429	.063	.153	.713	-.393
250	430	.092	.163	.851	-.329
250	431	.128	.178	.751	-.351
250	432	.080	.153	.738	-.484
250	433	.055	.141	.579	-.498
250	434	.086	.157	.895	-.516
250	435	.117	.161	.713	-.438
250	436	.165	.197	.926	-.337
250	437	.172	.201	.934	-.372
250	438	-.197	.208	.613	-1.110
250	439	-.210	.133	.288	-.645
250	440	-.241	.144	.413	-.759
250	441	-.317	.173	.244	-1.216
250	442	-.210	.129	.192	-.786
250	443	-.188	.127	.171	-.705
250	444	-.002	.139	.457	-.627
250	445	-.168	.124	.227	-.601
250	446	.006	.132	.442	-.551
250	447	.026	.121	.450	-.445
250	448	.036	.118	.375	-.325
250	449	.047	.115	.408	-.356
250	450	.055	.120	.401	-.354
250	451	.072	.140	.540	-.365
250	452	.064	.133	.529	-.412
250	453	.100	.137	.668	-.387
250	454	.057	.126	.516	-.376
250	455	.057	.131	.529	-.430
250	456	.031	.138	.592	-.508
250	457	-.339	.162	.174	-.956
250	458	-.227	.128	.171	-.647
250	459	-.221	.124	.219	-.645
250	460	-.233	.140	.237	-.826
250	461	-.170	.123	.231	-.608
250	462	-.153	.118	.280	-.516
250	463	.042	.161	.672	-.371
250	464	-.007	.134	.443	-.392
250	465	.019	.136	.445	-.574
250	466	.025	.130	.460	-.415
250	467	-.053	.131	.367	-.462
250	468	-.047	.141	.506	-.528
250	469	.011	.148	.542	-.530
250	470	-.145	.121	.313	-.556
250	471	.049	.123	.489	-.350
250	472	-.059	.115	.292	-.414
250	473	-.050	.115	.347	-.456
250	474	.006	.126	.540	-.577
250	475	-.176	.119	.178	-.657
250	476	.055	.115	.486	-.290
250	477	.046	.122	.521	-.368
250	478	-.107	.143	.654	-.580
250	479	-.246	.135	.246	-.878
250	480	.058	.121	.443	-.351
250	481	-.191	.124	.173	-.671
250	482	.033	.122	.436	-.432
250	483	.026	.124	.436	-.533
250	484	.029	.120	.369	-.349
250	485	.066	.121	.508	-.307
250	486	.062	.122	.523	-.326
250	487	.064	.134	.631	-.342
250	488	-.021	.132	.621	-.470
250	489	-.050	.131	.489	-.496
250	490	.017	.153	.650	-.524
250	491	-.141	.162	.500	-.657
250	492	-.197	.139	.290	-.701
250	493	-.187	.129	.193	-.671
250	494	-.189	.130	.192	-.742
250	495	-.153	.127	.244	-.614
250	496	-.147	.121	.246	-.507
250	501	-.204	.143	.331	-.807
250	502	-.192	.136	.236	-.937
250	503	-.176	.129	.282	-.617
250	504	-.218	.147	.258	-.683
250	505	-.209	.144	.444	-.699
250	506	-.186	.138	.425	-.836
250	507	-.206	.139	.273	-.841
250	508	-.195	.134	.193	-.701
250	509	-.182	.131	.214	-.743
250	510	-.213	.138	.173	-.810
250	511	-.175	.130	.234	-.643
250	512	-.152	.130	.292	-.610
250	513	-.157	.131	.265	-.794
250	514	-.160	.131	.275	-.833
250	515	-.173	.136	.277	-.757
250	516	-.181	.140	.316	-.759
250	517	-.016	.141	.657	-.499
250	518	-.158	.133	.249	-.589
250	519	-.165	.134	.244	-.608
250	520	-.158	.133	.348	-.688
250	521	-.146	.131	.344	-.672
250	522	-.146	.132	.317	-.674
250	523	-.142	.130	.330	-.669
250	524	-.152	.124	.255	-.572
250	525	-.157	.123	.272	-.602
250	526	-.148	.124	.262	-.579
250	527	-.143	.126	.250	-.629
250	528	-.148	.133	.279	-.628
250	529	-.142	.129	.275	-.552
250	530	-.139	.127	.295	-.528
250	531	-.144	.129	.304	-.540
250	532	-.142	.119	.304	-.545
250	533	-.146	.103	.193	-.468
250	534	-.144	.118	.281	-.557
250	535	-.141	.118	.313	-.523
250	536	-.136	.119	.304	-.533
250	537	-.142	.121	.272	-.515
250	538	-.146	.120	.244	-.539
250	539	-.142	.121	.263	-.541
250	540	-.142	.121	.271	-.511
250	541	-.151	.119	.216	-.595
250	542	-.148	.118	.228	-.616
250	543	-.151	.119	.231	-.608
250	544	-.160	.120	.231	-.623
250	545	-.148	.117	.264	-.550
250	546	-.157	.121	.222	-.587
250	547	-.142	.123	.227	-.539
250	548	-.135	.123	.240	-.512
250	549	-.138	.123	.231	-.526
250	550	-.142	.120	.230	-.599
250	551	-.136	.123	.232	-.515
250	552	-.132	.124	.243	-.499
250	553	-.139	.125	.248	-.516
250	554	-.152	.128	.292	-.642
250	555	-.159	.128	.283	-.623
250	556	-.159	.130	.266	-.618
250	557	-.177	.133	.270	-.666
250	558	-.167	.120	.288	-.552
250	559	-.170	.135	.243	-.660
250	560	-.166	.117	.187	-.638
250	561	-.174	.137	.243	-.684
250	562	-.206	.143	.233	-.714
250	563	-.141	.117	.221	-.581
250	564	-.148	.128	.262	-.547
250	565	-.142	.125	.297	-.537
250	566	-.147	.125	.293	-.544
250	567	-.144	.126	.255	-.531
250	568	-.148	.112	.206	-.489
250	569	-.142	.110	.198	-.490

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	570	-.148	.111	.206	-.491
250	571	-.145	.111	.206	-.491
250	572	-.137	.121	.319	-.553
250	573	-.156	.126	.297	-.585
250	574	-.156	.125	.294	-.582
250	575	-.140	.122	.334	-.558
250	576	-.173	.132	.241	-.596
250	577	-.134	.126	.271	-.559
250	578	-.140	.126	.287	-.548
250	579	-.122	.125	.353	-.537
250	580	-.123	.124	.265	-.625
250	581	-.144	.128	.292	-.657
250	582	-.126	.119	.277	-.617
250	583	-.115	.122	.270	-.615
250	584	-.079	.121	.285	-.488
250	585	-.126	.110	.240	-.500
250	586	-.138	.116	.307	-.536
250	901	-.166	.116	.218	-.553
250	902	-.025	.145	.503	-.571
250	903	-.176	.189	.489	-.997
250	904	-.198	.149	.340	-.966
250	905	-.337	.155	.124	-1.044
250	906	-.221	.141	.250	-.835
250	907	-.193	.134	.292	-.708
250	908	-.145	.117	.213	-.712
250	909	-.148	.093	.134	-.509
250	910	-.258	.147	.138	-.822
250	911	-.160	.126	.238	-.631
250	912	-.180	.145	.252	-.780
250	913	-.098	.146	.453	-.788
250	914	-.118	.140	.429	-.675
250	915	-.096	.122	.365	-.469
250	916	-.116	.116	.262	-.504
250	917	-.158	.133	.337	-.713
250	918	-.101	.122	.377	-.475
250	919	-.134	.118	.275	-.683
250	920	-.160	.114	.231	-.698
250	921	-.133	.102	.167	-.468
250	922	-.126	.103	.179	-.468
250	923	-.138	.113	.275	-.554
250	924	-.136	.111	.272	-.531
250	925	-.128	.112	.270	-.515
250	926	-.125	.110	.257	-.520
250	927	-.138	.109	.214	-.465
250	928	-.160	.111	.189	-.506
250	929	-.167	.118	.208	-.580
250	930	-.146	.113	.245	-.494
250	931	-.127	.114	.280	-.529
250	932	-.134	.112	.281	-.534
250	933	-.126	.114	.301	-.515
250	935	-.137	.114	.292	-.506
250	936	-.146	.110	.335	-.491
250	937	-.156	.120	.324	-.580
250	938	-.140	.114	.260	-.532
250	939	-.136	.109	.228	-.528
250	940	-.142	.108	.207	-.536
250	941	-.139	.108	.211	-.550
250	942	-.142	.108	.198	-.532
250	943	-.134	.109	.244	-.518
250	944	-.142	.111	.251	-.501
250	945	-.138	.110	.202	-.504
250	946	-.139	.114	.198	-.527
250	947	-.132	.108	.242	-.501
250	948	-.133	.104	.212	-.494
250	949	-.127	.105	.219	-.481
250	950	-.130	.107	.215	-.487
250	951	-.144	.106	.214	-.482
250	952	-.146	.103	.192	-.534
250	953	-.138	.103	.204	-.512
250	954	-.143	.105	.209	-.488
250	955	-.149	.110	.287	-.482
250	956	-.153	.106	.225	-.486
250	957	-.153	.126	.244	-.607
250	958	-.171	.130	.226	-.803
250	959	-.180	.134	.253	-.650
250	960	-.145	.110	.266	-.535
250	961	-.179	.130	.200	-.640
250	962	-.181	.119	.189	-.689
250	963	-.171	.116	.187	-.674
250	964	-.168	.119	.192	-.682
250	965	-.155	.118	.196	-.629
250	966	-.147	.106	.242	-.479
250	967	-.163	.106	.213	-.485
250	968	-.177	.111	.181	-.642
250	969	-.161	.108	.182	-.542
250	970	-.159	.125	.362	-.582
250	971	-.172	.124	.318	-.573
250	972	-.179	.126	.289	-.637
250	973	-.174	.128	.313	-.576
250	974	-.170	.123	.178	-.564
250	975	-.160	.120	.254	-.528
250	976	-.158	.129	.186	-.563
250	977	-.168	.117	.176	-.595
250	978	-.153	.117	.229	-.597
250	979	-.166	.125	.206	-.603
250	980	-.131	.124	.348	-.605
250	981	-.184	.128	.219	-.593
250	982	-.198	.128	.193	-.664
250	983	-.179	.127	.210	-.610
250	984	-.149	.123	.284	-.560
250	985	-.147	.119	.294	-.542
250	986	-.184	.124	.294	-.607
260	1	-.134	.127	.239	-.555
260	2	-.126	.122	.251	-.542
260	3	-.156	.129	.255	-.554
260	4	-.040	.137	.383	-.509
260	5	-.164	.114	.279	-.541
260	6	-.149	.111	.294	-.509
260	7	-.133	.110	.304	-.509
260	8	-.142	.120	.252	-.518
260	9	-.330	.139	.160	-.946
260	10	-.383	.168	.114	-1.177
260	11	.031	.155	.569	-.432
260	12	-.036	.128	.402	-.568
260	13	-.060	.140	.353	-.665
260	14	-.110	.130	.531	-.313
260	15	-.136	.111	.251	-.445
260	16	-.137	.112	.259	-.481
260	17	-.128	.107	.288	-.540
260	18	-.100	.105	.284	-.477
260	101	-.177	.128	.249	-.733
260	102	-.176	.126	.257	-.665
260	103	-.179	.135	.296	-.635
260	104	-.231	.156	.283	-.912
260	105	-.166	.136	.258	-.867
260	106	-.168	.136	.261	-.680
260	107	-.164	.129	.255	-.629
260	108	-.144	.146	.322	-.774
260	109	-.150	.130	.228	-.653
260	110	-.152	.128	.245	-.668
260	111	-.151	.150	.394	-1.623
260	112	-.147	.133	.273	-1.667
260	113	-.154	.135	.217	-1.002
260	114	-.151	.129	.245	-.643
260	115	-.155	.137	.276	-.616
260	116	-.152	.135	.303	-.684
260	117	-.158	.133	.261	-.587
260	118	-.148	.133	.260	-.563
260	119	-.185	.131	.239	-.662
260	120	-.144	.118	.262	-.529
260	121	-.142	.119	.259	-.513
260	122	-.140	.120	.254	-.534
260	123	-.143	.130	.256	-.578
260	124	-.140	.128	.280	-.755
260	125	-.147	.128	.268	-.580
260	126	-.152	.130	.293	-.576
260	127	-.158	.123	.304	-.542
260	128	-.151	.121	.312	-.523
260	129	-.175	.126	.268	-.560
260	130	-.183	.130	.257	-.629

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	131	-.146	.132	.263	-.563
260	132	-.160	.129	.213	-.599
260	133	-.146	.131	.259	-.566
260	134	-.137	.131	.274	-.550
260	135	-.141	.127	.282	-.580
260	136	-.132	.125	.300	-.559
260	137	-.141	.126	.291	-.593
260	138	-.140	.127	.295	-.585
260	139	-.131	.128	.263	-.507
260	140	-.138	.129	.282	-.536
260	141	-.143	.130	.257	-.537
260	142	-.158	.130	.232	-.554
260	143	-.161	.127	.264	-.567
260	144	-.139	.133	.333	-.616
260	145	-.157	.128	.255	-.614
260	146	-.149	.127	.266	-.582
260	147	-.143	.120	.294	-.559
260	148	-.142	.117	.317	-.544
260	149	-.156	.135	.287	-.618
260	150	-.124	.125	.336	-.561
260	151	-.186	.137	.341	-.702
260	152	-.129	.124	.329	-.552
260	153	-.147	.123	.225	-.559
260	154	-.162	.123	.237	-.574
260	155	-.168	.124	.232	-.572
260	156	-.166	.126	.208	-.549
260	157	-.143	.119	.273	-.516
260	158	-.137	.112	.249	-.454
260	159	-.147	.118	.284	-.518
260	160	-.148	.113	.281	-.500
260	161	-.137	.118	.271	-.505
260	162	-.139	.116	.267	-.527
260	163	-.152	.119	.258	-.592
260	164	-.156	.121	.252	-.588
260	165	-.157	.137	.282	-.644
260	166	-.114	.128	.287	-.539
260	167	-.121	.129	.301	-.551
260	168	-.108	.133	.335	-.561
260	169	-.125	.122	.264	-.527
260	170	-.143	.122	.238	-.565
260	171	-.146	.124	.263	-.561
260	172	-.141	.122	.256	-.544
260	173	-.141	.118	.252	-.468
260	174	-.135	.117	.279	-.492
260	175	-.149	.119	.256	-.534
260	176	-.173	.120	.228	-.555
260	177	-.186	.135	.237	-.631
260	178	-.211	.143	.223	-.782
260	179	-.224	.146	.176	-.778
260	180	-.111	.130	.303	-.636
260	181	-.102	.128	.324	-.495
260	182	-.104	.125	.300	-.511
260	183	-.104	.130	.341	-.521
260	184	-.148	.126	.288	-.571
260	185	-.152	.111	.195	-.505
260	186	-.149	.114	.201	-.550
260	187	-.155	.116	.206	-.558
260	188	-.153	.117	.212	-.559
260	189	-.159	.116	.195	-.592
260	190	-.138	.116	.265	-.580
260	191	-.135	.117	.234	-.641
260	192	-.144	.114	.220	-.565
260	193	-.161	.120	.261	-.560
260	194	-.169	.125	.279	-.610
260	195	-.194	.133	.222	-.723
260	196	-.193	.133	.229	-.694
260	197	-.145	.118	.200	-.536
260	198	-.128	.117	.229	-.505
260	199	-.073	.119	.277	-.481
260	200	-.079	.120	.302	-.527
260	201	-.107	.137	.505	-.513
260	202	-.142	.121	.287	-.549
260	203	-.157	.123	.289	-.595
260	204	-.167	.124	.249	-.621
260	205	-.163	.124	.330	-.625
260	206	-.154	.122	.334	-.613
260	207	-.163	.122	.308	-.631
260	208	-.149	.120	.326	-.623
260	209	-.145	.116	.264	-.602
260	210	-.149	.114	.235	-.593
260	211	-.176	.120	.204	-.693
260	212	-.181	.124	.237	-.691
260	213	-.197	.132	.220	-.717
260	214	-.124	.124	.336	-.539
260	215	-.177	.128	.224	-.620
260	301	-.123	.132	.404	-.692
260	302	.010	.186	.730	-.621
260	303	-.002	.164	.597	-.467
260	304	-.163	.156	.291	-.819
260	305	.041	.187	.838	-.530
260	306	.094	.199	1.006	-.573
260	307	-.198	.147	.252	-.815
260	308	-.303	.179	.158	-1.290
260	309	-.177	.161	.331	-.827
260	310	.101	.203	1.048	-.857
260	311	.200	.205	1.166	-.473
260	312	-.181	.134	.228	-.997
260	313	-.208	.137	.237	-.680
260	314	-.114	.176	.914	-.699
260	315	-.143	.129	.312	-.680
260	316	.058	.172	.716	-.662
260	317	.155	.170	.881	-.405
260	318	.079	.141	.583	-.436
260	319	-.188	.124	.201	-.679
260	320	-.170	.122	.205	-.587
260	321	-.169	.123	.200	-.635
260	322	.042	.154	.769	-.581
260	323	.115	.158	.908	-.371
260	324	.063	.132	.619	-.467
260	325	-.158	.110	.202	-.532
260	326	-.152	.110	.228	-.508
260	327	-.153	.110	.239	-.496
260	328	-.168	.117	.226	-.561
260	329	-.193	.119	.270	-.613
260	330	-.112	.123	.314	-.595
260	331	.001	.151	.627	-.637
260	332	.088	.157	.805	-.444
260	333	.059	.135	.551	-.391
260	334	-.166	.115	.209	-.660
260	335	-.152	.113	.216	-.602
260	336	-.158	.127	.291	-.659
260	337	-.172	.127	.292	-.676
260	338	-.174	.131	.281	-.680
260	339	-.144	.135	.408	-.629
260	340	-.178	.126	.204	-.719
260	341	-.192	.128	.195	-.676
260	342	-.183	.126	.228	-.622
260	343	-.157	.127	.225	-.813
260	344	-.152	.125	.208	-.596
260	345	-.148	.122	.209	-.600
260	346	-.129	.126	.477	-.568
260	347	-.131	.122	.221	-.524
260	348	-.141	.126	.230	-.542
260	349	.057	.156	.786	-.515
260	350	.107	.158	.847	-.394
260	351	.091	.138	.634	-.416
260	352	-.175	.131	.275	-.816
260	353	-.180	.129	.270	-.720
260	354	-.163	.126	.270	-.647
260	355	-.121	.124	.351	-.578
260	356	-.123	.125	.272	-.650
260	357	-.131	.123	.237	-.667
260	358	-.089	.130	.592	-.660
260	359	-.111	.124	.266	-.665
260	360	-.097	.113	.262	-.494
260	361	-.015	.118	.447	-.398
260	362	.116	.158	1.353	-.360
260	363	.141	.167	1.373	-.338
260	364	.135	.147	.762	-.309
260	365	-.149	.116	.289	-.515

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	366	-.149	.115	.269	-.519
260	367	-.148	.119	.284	-.530
260	368	-.150	.113	.259	-.522
260	369	-.147	.112	.251	-.523
260	370	-.147	.113	.247	-.506
260	371	-.152	.124	.259	-.627
260	372	-.158	.114	.216	-.553
260	373	-.142	.114	.248	-.563
260	374	-.159	.115	.251	-.565
260	375	-.153	.115	.236	-.563
260	376	-.121	.122	.330	-.642
260	377	-.108	.124	.332	-.627
260	401	-.153	.178	.576	-.895
260	402	-.087	.128	.400	-.482
260	403	-.110	.194	.564	-1.527
260	404	-.079	.135	.547	-.560
260	405	-.130	.139	.434	-.688
260	406	-.102	.139	.595	-.604
260	407	-.236	.164	.484	-.913
260	408	-.191	.136	.237	-.969
260	409	-.104	.182	.449	-.917
260	410	-.008	.132	.409	-.610
260	411	-.087	.120	.269	-.580
260	412	-.013	.133	.611	-.652
260	413	.061	.149	.682	-.395
260	414	-.064	.182	.594	-.805
260	415	-.007	.143	.801	-.442
260	416	-.076	.134	.464	-.545
260	417	-.055	.139	.501	-.569
260	418	-.056	.139	.486	-.507
260	419	-.039	.151	.992	-.506
260	420	.022	.170	.847	-.471
260	421	-.226	.179	.473	-1.001
260	422	-.202	.128	.366	-.693
260	423	-.269	.148	.164	-.908
260	424	-.147	.149	.583	-.783
260	425	-.284	.159	.169	-1.224
260	426	-.199	.130	.206	-.875
260	427	-.110	.178	.454	-.853
260	428	.012	.120	.387	-.484
260	429	.013	.117	.444	-.394
260	430	.027	.120	.531	-.376
260	431	.018	.129	.637	-.383
260	432	-.007	.149	.765	-.515
260	433	-.022	.145	.710	-.525
260	434	-.010	.155	.763	-.515
260	435	.045	.166	.855	-.620
260	436	.068	.168	.807	-.427
260	437	.067	.170	.855	-.432
260	438	-.263	.182	.524	-1.166

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	439	-.200	.124	.287	-.651
260	440	-.207	.135	.243	-.765
260	441	-.256	.152	.201	-1.026
260	442	-.175	.123	.254	-.620
260	443	-.156	.121	.252	-.800
260	444	-.071	.157	.400	-.916
260	445	-.145	.112	.184	-.479
260	446	-.034	.140	.372	-.745
260	447	.014	.116	.383	-.464
260	448	.011	.111	.387	-.355
260	449	.012	.109	.385	-.354
260	450	.005	.112	.398	-.394
260	451	.001	.123	.500	-.381
260	452	-.011	.135	.512	-.530
260	453	.016	.141	.569	-.386
260	454	.027	.130	.544	-.483
260	455	.046	.134	.582	-.466
260	456	.024	.140	.547	-.455
260	457	-.330	.171	.289	-1.051
260	458	-.201	.136	.267	-.720
260	459	-.179	.131	.281	-.596
260	460	-.185	.115	.162	-.623
260	461	-.144	.106	.206	-.510
260	462	-.137	.106	.228	-.490
260	463	.012	.167	.550	-.396
260	464	-.025	.124	.418	-.402
260	465	.016	.129	.521	-.364
260	466	.017	.124	.531	-.351
260	467	-.083	.121	.585	-.458
260	468	-.071	.124	.469	-.429
260	469	-.017	.128	.562	-.391
260	470	-.144	.104	.255	-.462
260	471	.028	.108	.464	-.336
260	472	-.084	.111	.275	-.490
260	473	-.067	.116	.317	-.470
260	474	.002	.127	.637	-.426
260	475	-.176	.112	.186	-.628
260	476	.046	.113	.455	-.374
260	477	.011	.112	.375	-.400
260	478	-.143	.128	.449	-.595
260	479	-.222	.120	.213	-.810
260	480	.015	.110	.402	-.374
260	481	-.173	.108	.200	-.550
260	482	.025	.128	.567	-.437
260	483	.048	.121	.608	-.345
260	484	.016	.134	.583	-.496
260	485	.031	.125	.433	-.473
260	486	.025	.126	.431	-.481
260	487	.014	.128	.442	-.509
260	488	-.069	.125	.344	-.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	489	-.094	.123	.320	-.557
260	490	-.023	.148	.676	-.496
260	491	-.213	.145	.300	-.710
260	492	-.215	.133	.229	-.697
260	493	-.185	.122	.239	-.637
260	494	-.174	.122	.259	-.598
260	495	-.147	.121	.262	-.580
260	496	-.134	.121	.274	-.612
260	501	-.222	.157	.388	-1.376
260	502	-.214	.155	.259	-1.297
260	503	-.171	.130	.302	-.666
260	504	-.227	.142	.412	-.939
260	505	-.208	.145	.338	-1.004
260	506	-.187	.141	.304	-.896
260	507	-.223	.146	.345	-1.140
260	508	-.177	.128	.286	-.596
260	509	-.171	.121	.234	-.622
260	510	-.186	.133	.261	-.681
260	511	-.149	.128	.302	-.631
260	512	-.147	.129	.307	-.604
260	513	-.152	.127	.271	-.630
260	514	-.157	.127	.279	-.590
260	515	-.156	.131	.274	-.666
260	516	-.150	.130	.254	-.820
260	517	-.014	.137	.478	-.532
260	518	-.140	.126	.264	-.588
260	519	-.148	.127	.246	-.728
260	520	-.157	.134	.249	-.561
260	521	-.143	.130	.237	-.573
260	522	-.141	.132	.263	-.562
260	523	-.136	.131	.265	-.534
260	524	-.137	.119	.300	-.580
260	525	-.137	.117	.295	-.584
260	526	-.129	.118	.291	-.569
260	527	-.123	.122	.296	-.572
260	528	-.136	.118	.265	-.552
260	529	-.131	.115	.256	-.534
260	530	-.132	.115	.248	-.508
260	531	-.139	.118	.243	-.515
260	532	-.146	.123	.254	-.554
260	533	-.136	.125	.260	-.556
260	534	-.150	.121	.256	-.589
260	535	-.144	.121	.251	-.540
260	536	-.137	.123	.265	-.537
260	537	-.137	.126	.294	-.607
260	538	-.140	.124	.298	-.581
260	539	-.138	.125	.313	-.578
260	540	-.134	.125	.294	-.609
260	541	-.137	.118	.319	-.510
260	542	-.135	.117	.317	-.501

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	543	-.125	.118	.323	-.498
260	544	-.134	.118	.322	-.514
260	545	-.142	.120	.324	-.564
260	546	-.147	.128	.389	-.569
260	547	-.126	.117	.247	-.613
260	548	-.119	.118	.275	-.514
260	549	-.120	.118	.276	-.509
260	550	-.139	.127	.424	-.559
260	551	-.139	.119	.210	-.594
260	552	-.132	.119	.222	-.592
260	553	-.134	.121	.220	-.599
260	554	-.134	.116	.219	-.526
260	555	-.145	.114	.202	-.525
260	556	-.136	.116	.210	-.533
260	557	-.139	.120	.222	-.548
260	558	-.149	.121	.301	-.557
260	559	-.136	.124	.294	-.511
260	560	-.147	.123	.397	-.556
260	561	-.128	.123	.304	-.490
260	562	-.136	.127	.313	-.538
260	563	-.139	.125	.413	-.556
260	564	-.147	.123	.356	-.584
260	565	-.147	.121	.341	-.572
260	566	-.143	.121	.349	-.574
260	567	-.144	.122	.354	-.578
260	568	-.141	.132	.330	-.627
260	569	-.142	.130	.310	-.627
260	570	-.140	.130	.320	-.623
260	571	-.139	.131	.324	-.631
260	572	-.146	.123	.262	-.528
260	573	-.144	.127	.269	-.570
260	574	-.148	.127	.287	-.561
260	575	-.139	.122	.283	-.551
260	576	-.134	.131	.344	-.533
260	577	-.146	.128	.341	-.515
260	578	-.145	.128	.327	-.500
260	579	-.136	.127	.341	-.493
260	580	-.152	.126	.241	-.558
260	581	-.155	.123	.251	-.580
260	582	-.142	.121	.229	-.543
260	583	-.145	.123	.233	-.556
260	584	-.099	.120	.313	-.454
260	585	-.134	.111	.254	-.463
260	586	-.125	.123	.305	-.635
260	901	-.146	.114	.288	-.514
260	902	-.090	.124	.389	-.550
260	903	-.040	.169	.528	-.990
260	904	-.195	.131	.375	-.740
260	905	-.310	.135	.091	-.868
260	906	-.171	.131	.312	-.849

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	907	-.162	.149	.509	-.722
260	908	-.142	.124	.263	-.601
260	909	-.147	.101	.180	-.511
260	910	-.227	.147	.239	-.842
260	911	-.181	.121	.286	-.736
260	912	-.122	.115	.337	-.643
260	913	-.030	.129	.460	-.460
260	914	-.147	.145	.333	-.890
260	915	-.094	.128	.445	-.621
260	916	-.088	.130	.430	-.584
260	917	-.178	.134	.342	-.704
260	918	-.104	.124	.321	-.643
260	919	-.123	.123	.301	-.636
260	920	-.166	.113	.214	-.594
260	921	-.134	.107	.268	-.530
260	922	-.131	.108	.271	-.536
260	923	-.129	.114	.352	-.560
260	924	-.124	.113	.363	-.534
260	925	-.116	.114	.376	-.529
260	926	-.120	.116	.371	-.555
260	927	-.134	.115	.286	-.529
260	928	-.144	.113	.261	-.538
260	929	-.165	.122	.255	-.663
260	930	-.140	.117	.299	-.571
260	931	-.122	.114	.260	-.596
260	932	-.125	.114	.248	-.631
260	933	-.116	.114	.275	-.626
260	935	-.129	.113	.251	-.537
260	936	-.140	.111	.228	-.595
260	937	-.147	.120	.291	-.757
260	938	-.135	.113	.297	-.521
260	939	-.124	.109	.240	-.516
260	940	-.130	.108	.221	-.497
260	941	-.125	.108	.225	-.475
260	942	-.138	.110	.216	-.505
260	943	-.127	.112	.231	-.476
260	944	-.129	.110	.223	-.480
260	945	-.125	.109	.239	-.457
260	946	-.128	.111	.253	-.478
260	947	-.128	.111	.276	-.497
260	948	-.128	.110	.246	-.489
260	949	-.118	.110	.273	-.461
260	950	-.119	.111	.269	-.488
260	951	-.126	.116	.320	-.547
260	952	-.141	.116	.306	-.566
260	953	-.123	.114	.301	-.527
260	954	-.128	.116	.317	-.538
260	955	-.126	.111	.282	-.508
260	956	-.134	.109	.275	-.515
260	957	-.135	.126	.285	-.505

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	958	-.140	.125	.230	-.528
260	959	-.155	.134	.252	-.746
260	960	-.124	.110	.309	-.493
260	961	-.155	.129	.221	-.606
260	962	-.151	.122	.255	-.547
260	963	-.145	.121	.250	-.541
260	964	-.146	.121	.257	-.536
260	965	-.144	.119	.248	-.537
260	966	-.141	.121	.239	-.510
260	967	-.144	.120	.235	-.504
260	968	-.146	.122	.239	-.530
260	969	-.145	.122	.231	-.522
260	970	-.151	.127	.247	-.642
260	971	-.155	.126	.247	-.669
260	972	-.156	.130	.242	-.627
260	973	-.146	.129	.285	-.637
260	974	-.150	.118	.252	-.549
260	975	-.166	.123	.233	-.799
260	976	-.168	.126	.241	-.730
260	977	-.152	.121	.237	-.579
260	978	-.127	.113	.302	-.493
260	979	-.144	.120	.233	-.546
260	980	-.137	.117	.242	-.544
260	981	-.142	.119	.248	-.590
260	982	-.150	.119	.237	-.592
260	983	-.170	.122	.207	-.655
260	984	-.148	.123	.301	-.576
260	985	-.151	.124	.277	-.609
260	986	-.166	.125	.246	-.551
270	1	-.097	.125	.371	-.554
270	2	-.100	.118	.307	-.545
270	3	-.114	.127	.321	-.636
270	4	-.015	.123	.499	-.471
270	5	-.147	.118	.266	-.672
270	6	-.139	.115	.202	-.513
270	7	-.127	.116	.252	-.591
270	8	-.111	.124	.361	-.585
270	9	-.290	.156	.111	-1.066
270	10	-.353	.189	.110	-1.390
270	11	-.077	.161	.667	-.530
270	12	-.058	.128	.376	-.606
270	13	-.079	.126	.304	-.607
270	14	.082	.142	.785	-.314
270	15	-.106	.112	.256	-.460
270	16	-.101	.112	.258	-.455
270	17	-.103	.104	.202	-.435
270	18	-.076	.104	.238	-.412
270	101	-.153	.132	.320	-.741
270	102	-.156	.129	.221	-.661
270	103	-.155	.126	.276	-.701

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	104	-.247	.147	.194	-1.069
270	105	-.149	.130	.311	-.713
270	106	-.149	.135	.502	-.669
270	107	-.154	.127	.261	-.609
270	108	-.118	.133	.370	-.888
270	109	-.127	.142	.341	-1.455
270	110	-.135	.138	.279	-.987
270	111	-.126	.147	.418	-1.566
270	112	-.125	.129	.383	-.567
270	113	-.120	.132	.360	-.687
270	114	-.129	.129	.326	-.811
270	115	-.140	.135	.303	-.681
270	116	-.155	.136	.291	-.879
270	117	-.141	.134	.314	-.744
270	118	-.142	.132	.351	-.582
270	119	-.169	.131	.221	-.741
270	120	-.129	.123	.240	-.690
270	121	-.112	.122	.249	-.699
270	122	-.115	.122	.244	-.606
270	123	-.108	.123	.395	-.586
270	124	-.118	.122	.371	-.558
270	125	-.114	.120	.369	-.519
270	126	-.125	.119	.273	-.477
270	127	-.138	.133	.317	-.625
270	128	-.140	.132	.341	-.620
270	129	-.156	.135	.344	-.696
270	130	-.174	.135	.266	-.672
270	131	-.122	.118	.261	-.537
270	132	-.164	.114	.186	-.552
270	133	-.120	.116	.233	-.511
270	134	-.112	.116	.254	-.514
270	135	-.106	.123	.371	-.535
270	136	-.112	.121	.372	-.528
270	137	-.110	.122	.362	-.528
270	138	-.113	.122	.342	-.537
270	139	-.116	.127	.354	-.515
270	140	-.137	.126	.281	-.517
270	141	-.130	.128	.304	-.508
270	142	-.152	.128	.279	-.567
270	143	-.136	.108	.237	-.503
270	144	-.109	.117	.359	-.516
270	145	-.149	.123	.221	-.562
270	146	-.147	.123	.266	-.625
270	147	-.125	.120	.306	-.549
270	148	-.149	.120	.327	-.539
270	149	-.137	.113	.278	-.507
270	150	-.100	.118	.325	-.538
270	151	-.166	.125	.201	-.692
270	152	-.104	.117	.306	-.558
270	153	-.120	.119	.245	-.526
270	154	-.140	.117	.240	-.559
270	155	-.144	.118	.233	-.568
270	156	-.146	.119	.215	-.570
270	157	-.110	.114	.218	-.532
270	158	-.106	.107	.229	-.490
270	159	-.115	.112	.247	-.528
270	160	-.123	.110	.224	-.521
270	161	-.122	.115	.275	-.469
270	162	-.123	.112	.274	-.464
270	163	-.127	.114	.272	-.493
270	164	-.137	.116	.236	-.516
270	165	-.140	.119	.284	-.585
270	166	-.090	.120	.343	-.476
270	167	-.091	.118	.321	-.487
270	168	-.093	.119	.314	-.587
270	169	-.102	.120	.254	-.581
270	170	-.116	.118	.246	-.590
270	171	-.117	.122	.249	-.603
270	172	-.119	.120	.253	-.608
270	173	-.122	.120	.284	-.500
270	174	-.116	.119	.318	-.503
270	175	-.126	.119	.253	-.509
270	176	-.153	.124	.266	-.552
270	177	-.154	.123	.270	-.566
270	178	-.166	.127	.305	-.659
270	179	-.182	.129	.222	-.706
270	180	-.087	.123	.331	-.516
270	181	-.078	.122	.449	-.532
270	182	-.075	.119	.452	-.481
270	183	-.097	.121	.425	-.527
270	184	-.119	.119	.423	-.524
270	185	-.131	.131	.303	-.603
270	186	-.119	.135	.337	-.596
270	187	-.123	.136	.337	-.620
270	188	-.126	.136	.352	-.617
270	189	-.123	.121	.232	-.539
270	190	-.117	.119	.240	-.525
270	191	-.119	.119	.227	-.528
270	192	-.123	.121	.238	-.551
270	193	-.139	.117	.302	-.535
270	194	-.146	.122	.302	-.631
270	195	-.162	.131	.286	-.815
270	196	-.166	.131	.269	-.857
270	197	-.122	.112	.229	-.546
270	198	-.114	.110	.223	-.532
270	199	-.078	.114	.275	-.505
270	200	-.103	.114	.248	-.543
270	201	-.119	.118	.270	-.484
270	202	-.120	.116	.255	-.479
270	203	-.126	.118	.272	-.486
270	204	-.137	.120	.248	-.518
270	205	-.130	.115	.275	-.505
270	206	-.120	.113	.285	-.500
270	207	-.127	.114	.281	-.527
270	208	-.118	.115	.301	-.519
270	209	-.124	.118	.294	-.581
270	210	-.126	.123	.335	-.517
270	211	-.151	.129	.324	-.592
270	212	-.158	.132	.325	-.645
270	213	-.171	.137	.263	-.841
270	214	-.097	.117	.319	-.556
270	215	-.153	.126	.316	-.599
270	301	-.104	.140	.477	-.704
270	302	.048	.179	.787	-.571
270	303	.103	.151	.721	-.256
270	304	-.157	.157	.325	-.823
270	305	.046	.175	.818	-.507
270	306	.157	.207	1.069	-.530
270	307	-.183	.141	.209	-.723
270	308	-.255	.163	.287	-1.013
270	309	-.185	.148	.288	-.756
270	310	.059	.221	1.056	-.974
270	311	.192	.223	1.068	-.744
270	312	-.170	.129	.304	-.678
270	313	-.179	.132	.332	-.735
270	314	-.112	.182	.821	-.635
270	315	-.165	.125	.255	-.869
270	316	.051	.189	.870	-1.401
270	317	.174	.184	.913	-.507
270	318	.077	.149	.605	-.499
270	319	-.174	.129	.307	-.706
270	320	-.147	.123	.266	-.590
270	321	-.153	.123	.271	-.592
270	322	.024	.157	.621	-.685
270	323	.111	.157	.730	-.360
270	324	.047	.129	.658	-.421
270	325	-.140	.107	.226	-.518
270	326	-.135	.105	.307	-.468
270	327	-.134	.105	.300	-.478
270	328	-.135	.129	.311	-.550
270	329	-.142	.127	.367	-.589
270	330	-.120	.130	.389	-.565
270	331	.005	.158	.377	-.761
270	332	.093	.151	.777	-.375
270	333	.053	.138	.685	-.471
270	334	-.152	.118	.232	-.499
270	335	-.138	.115	.239	-.467
270	336	-.127	.114	.243	-.544
270	337	-.149	.115	.207	-.617
270	338	-.150	.117	.222	-.566

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	339	-.135	.120	.236	-.562
270	340	-.166	.122	.361	-.713
270	341	-.173	.124	.294	-.683
270	342	-.173	.127	.380	-.695
270	343	-.167	.135	.307	-.919
270	344	-.143	.131	.266	-.665
270	345	-.137	.126	.282	-.652
270	346	-.117	.130	.509	-.574
270	347	-.118	.125	.315	-.541
270	348	-.128	.124	.308	-.608
270	349	.042	.142	.704	-.371
270	350	.089	.151	.838	-.315
270	351	.068	.142	.649	-.333
270	352	-.164	.122	.309	-.826
270	353	-.175	.117	.201	-.698
270	354	-.157	.113	.206	-.555
270	355	-.115	.108	.212	-.520
270	356	-.120	.122	.309	-.573
270	357	-.128	.118	.288	-.581
270	358	-.096	.123	.326	-.546
270	359	-.113	.121	.309	-.565
270	360	-.105	.119	.312	-.523
270	361	-.031	.133	.558	-.465
270	362	.086	.173	1.036	-.392
270	363	.110	.183	.939	-.396
270	364	-.136	.170	.796	-.398
270	365	-.140	.122	.233	-.553
270	366	-.146	.120	.207	-.549
270	367	-.145	.123	.231	-.553
270	368	-.137	.116	.342	-.501
270	369	-.136	.115	.328	-.518
270	370	-.137	.114	.322	-.560
270	371	-.125	.123	.275	-.584
270	372	-.127	.122	.265	-.498
270	373	-.111	.121	.286	-.490
270	374	-.120	.123	.273	-.528
270	375	-.115	.123	.267	-.500
270	376	-.103	.120	.274	-.473
270	377	-.099	.120	.271	-.479
270	401	-.164	.173	.592	-1.014
270	402	-.153	.124	.207	-.797
270	403	-.207	.207	.382	-1.349
270	404	-.114	.124	.299	-.566
270	405	-.178	.132	.251	-.638
270	406	-.133	.125	.330	-.530
270	407	-.244	.166	.286	-1.243
270	408	-.155	.127	.324	-.666
270	409	-.147	.175	.396	-1.084
270	410	-.026	.139	.418	-.608
270	411	-.054	.118	.336	-.534

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	412	-.037	.128	.425	-.562
270	413	.040	.150	.611	-.470
270	414	-.150	.167	.394	-.875
270	415	-.065	.114	.413	-.503
270	416	-.094	.119	.342	-.523
270	417	-.038	.117	.349	-.447
270	418	-.046	.120	.439	-.460
270	419	-.031	.130	.457	-.436
270	420	-.004	.137	.528	-.472
270	421	-.245	.151	.429	-.962
270	422	-.135	.116	.255	-.626
270	423	-.168	.120	.235	-.601
270	424	-.098	.116	.322	-.468
270	425	-.187	.115	.169	-.675
270	426	-.124	.108	.218	-.505
270	427	-.148	.165	.403	-.944
270	428	-.020	.122	.428	-.601
270	429	-.029	.118	.398	-.485
270	430	.001	.121	.485	-.446
270	431	-.040	.117	.374	-.402
270	432	-.068	.102	.234	-.389
270	433	-.094	.108	.218	-.483
270	434	-.068	.107	.313	-.406
270	435	-.003	.111	.363	-.396
270	436	.037	.125	.673	-.382
270	437	.035	.128	.583	-.432
270	438	-.312	.184	.303	-1.071
270	439	-.151	.113	.260	-.539
270	440	-.133	.111	.223	-.505
270	441	-.161	.116	.201	-.568
270	442	-.114	.108	.224	-.546
270	443	-.114	.108	.247	-.462
270	444	-.103	.159	.380	-.659
270	445	-.113	.112	.257	-.492
270	446	-.055	.146	.486	-.709
270	447	-.005	.118	.399	-.429
270	448	-.009	.107	.386	-.430
270	449	-.017	.105	.384	-.429
270	450	-.012	.104	.349	-.434
270	451	-.028	.110	.351	-.467
270	452	-.053	.113	.379	-.373
270	453	-.039	.126	.454	-.385
270	454	.013	.114	.448	-.324
270	455	.031	.120	.393	-.337
270	456	.027	.122	.559	-.406
270	457	-.311	.146	.162	-.878
270	458	-.154	.109	.201	-.617
270	459	-.139	.107	.226	-.591
270	460	-.148	.107	.178	-.482
270	461	-.125	.102	.189	-.499

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	462	-.111	.102	.200	-.495
270	463	-.067	.109	.358	-.433
270	464	-.048	.107	.380	-.495
270	465	-.008	.115	.395	-.529
270	466	.004	.119	.476	-.456
270	467	-.082	.104	.251	-.559
270	468	-.076	.116	.373	-.452
270	469	.015	.136	.497	-.453
270	470	-.105	.119	.268	-.501
270	471	.016	.118	.432	-.387
270	472	-.061	.104	.254	-.406
270	473	-.066	.106	.314	-.423
270	474	.021	.121	.497	-.420
270	475	-.124	.109	.219	-.493
270	476	.037	.116	.476	-.323
270	477	-.028	.106	.399	-.355
270	478	-.110	.108	.245	-.475
270	479	-.143	.110	.195	-.533
270	480	.005	.112	.357	-.390
270	481	-.146	.110	.239	-.576
270	482	.023	.129	.592	-.551
270	483	.038	.122	.527	-.365
270	484	.033	.136	.747	-.433
270	485	.033	.127	.433	-.408
270	486	.017	.127	.439	-.413
270	487	.005	.127	.397	-.424
270	488	-.066	.126	.323	-.455
270	489	-.089	.122	.268	-.459
270	490	.016	.154	.841	-.437
270	491	-.175	.136	.354	-.683
270	492	-.166	.127	.206	-.636
270	493	-.137	.121	.298	-.544
270	494	-.124	.121	.279	-.543
270	495	-.110	.121	.330	-.554
270	496	-.103	.121	.316	-.491
270	501	-.221	.154	.319	-.936
270	502	-.193	.147	.316	-.815
270	503	-.150	.131	.273	-.583
270	504	-.186	.132	.218	-.856
270	505	-.172	.133	.278	-.868
270	506	-.146	.128	.282	-.639
270	507	-.200	.158	.259	-1.212
270	508	-.165	.128	.232	-.605
270	509	-.177	.134	.253	-.712
270	510	-.150	.130	.258	-.686
270	511	-.132	.124	.284	-.615
270	512	-.123	.129	.332	-.625
270	513	-.141	.132	.306	-.726
270	514	-.140	.137	.312	-.895
270	515	-.123	.130	.338	-.599

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	516	-.118	.133	.301	-.592
270	517	-.027	.138	.436	-.788
270	518	-.114	.132	.294	-.593
270	519	-.122	.133	.305	-.610
270	520	-.128	.134	.286	-.663
270	521	-.122	.128	.258	-.547
270	522	-.113	.129	.288	-.537
270	523	-.109	.129	.291	-.515
270	524	-.119	.122	.283	-.539
270	525	-.131	.122	.263	-.578
270	526	-.118	.121	.279	-.537
270	527	-.108	.123	.335	-.581
270	528	-.107	.129	.302	-.536
270	529	-.110	.126	.278	-.527
270	530	-.105	.126	.289	-.530
270	531	-.114	.128	.291	-.545
270	532	-.115	.125	.291	-.516
270	533	-.135	.121	.246	-.626
270	534	-.126	.123	.273	-.517
270	535	-.118	.123	.294	-.494
270	536	-.111	.123	.302	-.501
270	537	-.122	.128	.286	-.652
270	538	-.126	.127	.266	-.650
270	539	-.123	.127	.255	-.633
270	540	-.121	.128	.284	-.657
270	541	-.113	.131	.310	-.563
270	542	-.115	.129	.298	-.547
270	543	-.105	.129	.309	-.548
270	544	-.108	.129	.351	-.572
270	545	-.120	.118	.301	-.546
270	546	-.110	.127	.287	-.480
270	547	-.118	.123	.266	-.559
270	548	-.112	.124	.301	-.552
270	549	-.111	.125	.306	-.569
270	550	-.104	.125	.309	-.477
270	551	-.125	.132	.337	-.621
270	552	-.124	.133	.343	-.611
270	553	-.121	.134	.344	-.618
270	554	-.112	.119	.282	-.525
270	555	-.126	.119	.260	-.536
270	556	-.111	.119	.270	-.507
270	557	-.109	.120	.321	-.504
270	558	-.125	.120	.300	-.527
270	559	-.106	.125	.393	-.575
270	560	-.107	.122	.282	-.501
270	561	-.104	.125	.388	-.575
270	562	-.102	.126	.402	-.570
270	563	-.100	.127	.301	-.484
270	564	-.112	.118	.242	-.529
270	565	-.112	.115	.269	-.511
270	566	-.112	.116	.239	-.504
270	567	-.108	.117	.248	-.522
270	568	-.107	.117	.330	-.603
270	569	-.106	.115	.330	-.600
270	570	-.111	.116	.325	-.612
270	571	-.105	.116	.329	-.597
270	572	-.106	.120	.342	-.542
270	573	-.091	.120	.356	-.558
270	574	-.098	.119	.355	-.543
270	575	-.099	.119	.350	-.534
270	576	-.098	.123	.314	-.526
270	577	-.121	.123	.278	-.609
270	578	-.126	.122	.281	-.530
270	579	-.117	.121	.286	-.532
270	580	-.117	.113	.319	-.581
270	581	-.110	.115	.365	-.598
270	582	-.119	.110	.303	-.580
270	583	-.117	.113	.325	-.579
270	584	-.081	.116	.313	-.485
270	585	-.102	.109	.275	-.447
270	586	-.100	.121	.330	-.557
270	901	-.115	.108	.208	-.497
270	902	-.100	.115	.285	-.499
270	903	-.009	.169	.679	-.574
270	904	-.171	.129	.264	-.694
270	905	-.226	.157	.313	-.831
270	906	-.096	.128	.307	-.731
270	907	-.091	.156	.657	-.689
270	908	-.110	.121	.261	-.516
270	909	-.095	.099	.188	-.437
270	910	-.103	.132	.297	-.605
270	911	-.187	.147	.286	-1.020
270	912	-.089	.123	.358	-.562
270	913	-.033	.137	.510	-.670
270	914	-.161	.147	.327	-.743
270	915	-.065	.118	.367	-.449
270	916	-.075	.135	.455	-.596
270	917	-.180	.125	.246	-.676
270	918	-.081	.115	.337	-.467
270	919	-.062	.117	.438	-.483
270	920	-.156	.121	.244	-.736
270	921	-.106	.108	.269	-.540
270	922	-.096	.109	.290	-.537
270	923	-.106	.113	.354	-.511
270	924	-.104	.112	.341	-.609
270	925	-.095	.112	.308	-.516
270	926	-.098	.112	.290	-.587
270	927	-.116	.121	.301	-.508
270	928	-.130	.118	.304	-.505
270	929	-.150	.114	.221	-.548
270	930	-.124	.121	.284	-.511
270	931	-.096	.106	.298	-.498
270	932	-.106	.106	.262	-.502
270	933	-.095	.107	.272	-.475
270	935	-.098	.113	.297	-.473
270	936	-.117	.113	.293	-.485
270	937	-.129	.114	.279	-.562
270	938	-.100	.114	.312	-.499
270	939	-.098	.109	.238	-.451
270	940	-.107	.108	.216	-.445
270	941	-.105	.107	.225	-.469
270	942	-.115	.109	.224	-.494
270	943	-.101	.111	.245	-.495
270	944	-.103	.109	.262	-.443
270	945	-.099	.109	.273	-.450
270	946	-.099	.109	.279	-.449
270	947	-.111	.115	.327	-.529
270	948	-.110	.114	.352	-.569
270	949	-.097	.115	.371	-.522
270	950	-.094	.115	.356	-.510
270	951	-.105	.120	.322	-.502
270	952	-.129	.122	.270	-.510
270	953	-.108	.117	.333	-.537
270	954	-.100	.118	.328	-.473
270	955	-.099	.127	.369	-.633
270	956	-.110	.123	.391	-.564
270	957	-.113	.121	.277	-.529
270	958	-.111	.121	.313	-.542
270	959	-.150	.125	.307	-.614
270	960	-.102	.126	.337	-.558
270	961	-.143	.121	.260	-.548
270	962	-.123	.136	.292	-.582
270	963	-.129	.136	.270	-.534
270	964	-.122	.135	.283	-.515
270	965	-.133	.137	.286	-.559
270	966	-.109	.123	.299	-.493
270	967	-.110	.121	.288	-.536
270	968	-.112	.119	.273	-.601
270	969	-.120	.118	.250	-.547
270	970	-.118	.124	.292	-.565
270	971	-.119	.122	.311	-.552
270	972	-.118	.123	.331	-.555
270	973	-.125	.124	.290	-.564
270	974	-.135	.133	.289	-.589
270	975	-.171	.133	.230	-.696
270	976	-.169	.134	.237	-.635
270	977	-.124	.132	.339	-.567
270	978	-.095	.126	.344	-.560
270	979	-.109	.120	.278	-.537
270	980	-.115	.118	.291	-.590

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	981	-.109	.119	.324	-.583
270	982	-.116	.120	.313	-.579
270	983	-.125	.114	.288	-.576
270	984	-.123	.120	.307	-.567
270	985	-.112	.118	.327	-.555
270	986	-.149	.125	.314	-.605
280	1	-.091	.120	.328	-.554
280	2	-.100	.115	.307	-.508
280	3	-.109	.121	.326	-.594
280	4	-.010	.122	.456	-.411
280	5	-.134	.111	.207	-.545
280	6	-.122	.108	.214	-.534
280	7	-.115	.106	.246	-.501
280	8	-.118	.117	.482	-.582
280	9	-.226	.124	.269	-.700
280	10	-.266	.140	.215	-.976
280	11	.059	.135	.581	-.364
280	12	-.096	.117	.334	-.486
280	13	-.109	.133	.307	-.699
280	14	.076	.141	.551	-.359
280	15	-.091	.119	.359	-.547
280	16	-.085	.120	.364	-.525
280	17	-.091	.109	.309	-.395
280	18	-.073	.108	.337	-.389
280	101	-.157	.139	.335	-.712
280	102	-.153	.138	.316	-.627
280	103	-.139	.128	.252	-.545
280	104	-.214	.145	.191	-.745
280	105	-.132	.124	.286	-.699
280	106	-.127	.132	.424	-.672
280	107	-.140	.132	.383	-.692
280	108	-.113	.129	.297	-.969
280	109	-.115	.138	.346	-1.182
280	110	-.124	.134	.286	-.806
280	111	-.114	.142	.458	-1.460
280	112	-.104	.123	.367	-.601
280	113	-.113	.129	.297	-.889
280	114	-.118	.125	.280	-.595
280	115	-.126	.131	.342	-.610
280	116	-.126	.131	.352	-.718
280	117	-.128	.132	.373	-.633
280	118	-.126	.133	.403	-.692
280	119	-.161	.134	.277	-.702
280	120	-.109	.123	.350	-.546
280	121	-.103	.123	.368	-.496
280	122	-.106	.126	.379	-.500
280	123	-.105	.127	.313	-.509
280	124	-.104	.124	.310	-.519
280	125	-.109	.124	.288	-.520
280	126	-.116	.125	.276	-.566
280	127	-.127	.125	.258	-.564
280	128	-.121	.122	.267	-.541
280	129	-.143	.123	.262	-.564
280	130	-.162	.125	.257	-.629
280	131	-.106	.118	.359	-.546
280	132	-.128	.111	.266	-.610
280	133	-.099	.117	.346	-.545
280	134	-.094	.117	.336	-.520
280	135	-.091	.119	.306	-.491
280	136	-.083	.117	.300	-.468
280	137	-.093	.119	.287	-.476
280	138	-.096	.119	.296	-.476
280	139	-.109	.121	.311	-.488
280	140	-.117	.119	.286	-.492
280	141	-.117	.120	.298	-.493
280	142	-.135	.120	.287	-.516
280	143	-.126	.107	.236	-.523
280	144	-.101	.117	.282	-.488
280	145	-.127	.110	.287	-.527
280	146	-.123	.110	.249	-.514
280	147	-.100	.124	.303	-.579
280	148	-.122	.121	.251	-.586
280	149	-.121	.113	.245	-.555
280	150	-.091	.123	.364	-.480
280	151	-.152	.125	.245	-.596
280	152	-.091	.121	.342	-.466
280	153	-.114	.112	.279	-.472
280	154	-.130	.112	.240	-.493
280	155	-.134	.113	.234	-.489
280	156	-.129	.113	.237	-.476
280	157	-.099	.126	.329	-.525
280	158	-.101	.120	.309	-.482
280	159	-.110	.125	.332	-.532
280	160	-.115	.123	.303	-.521
280	161	-.118	.124	.260	-.579
280	162	-.122	.121	.259	-.577
280	163	-.129	.124	.258	-.615
280	164	-.133	.124	.276	-.595
280	165	-.132	.119	.312	-.576
280	166	-.081	.116	.309	-.458
280	167	-.080	.115	.335	-.453
280	168	-.087	.116	.308	-.471
280	169	-.099	.126	.300	-.519
280	170	-.113	.123	.268	-.555
280	171	-.116	.125	.270	-.529
280	172	-.112	.125	.259	-.513
280	173	-.116	.121	.305	-.534
280	174	-.113	.119	.301	-.539
280	175	-.124	.120	.301	-.547
280	176	-.138	.123	.303	-.651
280	177	-.155	.129	.221	-.597
280	178	-.172	.133	.240	-.667
280	179	-.179	.134	.228	-.763
280	180	-.098	.123	.411	-.492
280	181	-.077	.121	.330	-.497
280	182	-.093	.120	.301	-.526
280	183	-.105	.122	.303	-.538
280	184	-.119	.121	.294	-.572
280	185	-.116	.113	.266	-.489
280	186	-.111	.115	.271	-.495
280	187	-.115	.117	.306	-.495
280	188	-.114	.118	.303	-.527
280	189	-.121	.119	.282	-.476
280	190	-.124	.117	.262	-.462
280	191	-.124	.118	.267	-.484
280	192	-.126	.118	.267	-.544
280	193	-.140	.117	.237	-.527
280	194	-.150	.118	.224	-.544
280	195	-.163	.126	.362	-.564
280	196	-.167	.126	.299	-.566
280	197	-.096	.130	.314	-.567
280	198	-.090	.127	.309	-.545
280	199	-.072	.130	.341	-.579
280	200	-.093	.128	.321	-.565
280	201	-.106	.129	.312	-.501
280	202	-.107	.126	.309	-.482
280	203	-.114	.128	.312	-.495
280	204	-.121	.129	.329	-.503
280	205	-.126	.126	.356	-.540
280	206	-.120	.124	.344	-.534
280	207	-.127	.126	.340	-.541
280	208	-.110	.127	.361	-.515
280	209	-.117	.119	.299	-.542
280	210	-.114	.111	.271	-.540
280	211	-.138	.115	.258	-.564
280	212	-.142	.116	.270	-.556
280	213	-.149	.119	.297	-.576
280	214	-.084	.120	.345	-.463
280	215	-.148	.122	.268	-.533
280	301	-.124	.140	.374	-.734
280	302	-.023	.173	.714	-.599
280	303	.087	.140	.577	-.359
280	304	-.164	.145	.381	-.822
280	305	-.011	.165	.746	-.644
280	306	.112	.192	.958	-.469
280	307	-.192	.132	.200	-.751
280	308	-.215	.140	.348	-.976
280	309	-.199	.137	.360	-.744
280	310	-.013	.187	.736	-.803
280	311	.137	.200	.887	-.563

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	312	-.171	.123	.303	-.640
280	313	-.170	.124	.258	-.609
280	314	.083	.165	.818	-.453
280	315	-.173	.131	.214	-.602
280	316	.010	.181	.614	-.772
280	317	.147	.185	.836	-.362
280	318	.054	.151	.644	-.457
280	319	-.166	.121	.241	-.567
280	320	-.137	.117	.266	-.545
280	321	-.146	.116	.265	-.582
280	322	.015	.150	.542	-.887
280	323	.104	.156	.629	-.394
280	324	.047	.146	.571	-.581
280	325	-.132	.126	.293	-.581
280	326	-.125	.130	.300	-.545
280	327	-.121	.130	.316	-.543
280	328	-.127	.112	.237	-.474
280	329	-.142	.112	.222	-.470
280	330	-.135	.118	.273	-.620
280	331	.010	.144	.664	-.464
280	332	.079	.139	.559	-.421
280	333	.022	.131	.497	-.423
280	334	-.136	.119	.272	-.539
280	335	-.130	.117	.256	-.500
280	336	-.111	.113	.321	-.456
280	337	-.137	.112	.287	-.502
280	338	-.130	.115	.308	-.500
280	339	-.132	.116	.349	-.535
280	340	-.151	.118	.342	-.588
280	341	-.161	.118	.211	-.625
280	342	-.163	.120	.227	-.662
280	343	-.171	.126	.218	-.680
280	344	-.156	.121	.318	-.606
280	345	-.158	.116	.306	-.560
280	346	-.137	.116	.318	-.535
280	347	-.137	.116	.308	-.535
280	348	-.147	.111	.230	-.564
280	349	.005	.131	.562	-.375
280	350	.050	.139	.625	-.387
280	351	.033	.131	.482	-.439
280	352	-.143	.128	.300	-.557
280	353	-.151	.126	.287	-.573
280	354	-.142	.125	.290	-.568
280	355	-.116	.124	.302	-.582
280	356	-.132	.116	.222	-.530
280	357	-.142	.114	.206	-.508
280	358	-.125	.117	.249	-.518
280	359	-.129	.116	.221	-.522
280	360	-.129	.134	.344	-.588
280	361	-.085	.135	.420	-.543
280	362	.020	.148	.661	-.495
280	363	.053	.156	.712	-.529
280	364	.082	.149	.722	-.406
280	365	-.126	.117	.217	-.554
280	366	-.126	.117	.209	-.554
280	367	-.125	.119	.218	-.564
280	368	-.126	.126	.326	-.572
280	369	-.130	.125	.317	-.560
280	370	-.129	.125	.315	-.559
280	371	-.122	.121	.263	-.661
280	372	-.121	.118	.297	-.522
280	373	-.112	.117	.317	-.525
280	374	-.126	.119	.278	-.506
280	375	-.113	.118	.296	-.490
280	376	-.089	.111	.391	-.507
280	377	-.091	.111	.404	-.513
280	401	-.145	.155	.315	-.952
280	402	-.150	.112	.199	-.543
280	403	-.196	.176	.339	-1.219
280	404	-.116	.122	.320	-.651
280	405	-.175	.131	.296	-.770
280	406	-.116	.126	.346	-.557
280	407	-.254	.174	.190	-1.180
280	408	-.151	.128	.209	-.597
280	409	-.180	.166	.479	-.852
280	410	-.045	.137	.494	-.578
280	411	-.042	.117	.365	-.487
280	412	-.053	.131	.442	-.529
280	413	.056	.154	.741	-.749
280	414	-.169	.157	.357	-.988
280	415	-.074	.119	.352	-.470
280	416	-.118	.127	.272	-.549
280	417	-.031	.127	.368	-.508
280	418	-.027	.126	.411	-.533
280	419	.004	.144	.512	-.455
280	420	.067	.166	.708	-.491
280	421	-.295	.168	.226	-1.245
280	422	-.143	.125	.290	-.616
280	423	-.192	.128	.278	-.712
280	424	-.079	.132	.402	-.545
280	425	-.180	.131	.275	-.860
280	426	-.117	.129	.330	-.508
280	427	-.170	.157	.506	-.939
280	428	-.036	.119	.413	-.430
280	429	-.033	.116	.446	-.454
280	430	-.020	.121	.454	-.459
280	431	-.049	.114	.441	-.451
280	432	-.054	.113	.366	-.413
280	433	-.068	.115	.350	-.415
280	434	-.061	.115	.343	-.425
280	435	.005	.123	.517	-.376
280	436	.047	.127	.522	-.323
280	437	.059	.131	.586	-.325
280	438	-.299	.153	.205	-1.108
280	439	-.125	.112	.297	-.495
280	440	-.107	.114	.251	-.475
280	441	-.137	.115	.222	-.526
280	442	-.100	.112	.239	-.458
280	443	-.103	.112	.233	-.493
280	444	-.140	.156	.325	-.783
280	445	-.100	.115	.257	-.457
280	446	-.092	.143	.432	-.597
280	447	-.026	.118	.385	-.452
280	448	-.025	.109	.354	-.382
280	449	-.028	.108	.347	-.387
280	450	-.025	.108	.343	-.373
280	451	-.036	.112	.362	-.364
280	452	-.045	.115	.397	-.601
280	453	-.029	.124	.448	-.544
280	454	.019	.118	.372	-.448
280	455	.037	.123	.572	-.474
280	456	.039	.125	.572	-.437
280	457	-.257	.140	.177	-.944
280	458	-.127	.115	.262	-.534
280	459	-.118	.113	.303	-.537
280	460	-.119	.114	.282	-.479
280	461	-.100	.109	.243	-.450
280	462	-.100	.110	.251	-.484
280	463	-.071	.107	.422	-.357
280	464	-.057	.111	.353	-.429
280	465	-.013	.117	.431	-.406
280	466	-.023	.125	.395	-.455
280	467	-.083	.111	.268	-.445
280	468	-.082	.117	.330	-.530
280	469	-.001	.135	.799	-.445
280	470	-.100	.112	.247	-.515
280	471	-.010	.121	.450	-.426
280	472	-.070	.113	.301	-.458
280	473	-.067	.110	.370	-.445
280	474	.000	.128	.501	-.412
280	475	-.117	.112	.268	-.511
280	476	.010	.114	.395	-.418
280	477	-.041	.110	.338	-.509
280	478	-.094	.117	.349	-.561
280	479	-.122	.116	.264	-.581
280	480	-.022	.114	.408	-.408
280	481	-.110	.112	.261	-.493
280	482	-.001	.127	.429	-.489
280	483	.010	.120	.443	-.397
280	484	-.018	.125	.462	-.421

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	485	-.014	.118	.390	-.449
280	486	-.011	.119	.396	-.439
280	487	-.023	.119	.391	-.414
280	488	-.075	.128	.327	-.507
280	489	-.094	.127	.316	-.518
280	490	-.009	.133	.489	-.436
280	491	-.121	.137	.320	-.553
280	492	-.138	.125	.234	-.599
280	493	-.123	.125	.288	-.645
280	494	-.105	.125	.310	-.622
280	495	-.092	.126	.338	-.612
280	496	-.086	.113	.333	-.496
280	501	-.217	.159	.257	-1.633
280	502	-.171	.160	.419	-1.566
280	503	-.135	.128	.266	-.788
280	504	-.166	.137	.214	-.682
280	505	-.167	.139	.273	-.863
280	506	-.138	.131	.310	-.629
280	507	-.171	.154	.252	-.867
280	508	-.156	.141	.477	-.717
280	509	-.158	.147	.413	-.751
280	510	-.117	.133	.450	-.609
280	511	-.096	.130	.464	-.612
280	512	-.105	.137	.328	-.636
280	513	-.120	.139	.323	-.677
280	514	-.123	.142	.332	-.698
280	515	-.108	.137	.300	-.671
280	516	-.093	.129	.337	-.477
280	517	-.040	.136	.429	-.726
280	518	-.089	.125	.324	-.462
280	519	-.101	.127	.332	-.477
280	520	-.110	.128	.357	-.638
280	521	-.097	.124	.352	-.529
280	522	-.090	.124	.364	-.535
280	523	-.090	.124	.365	-.533
280	524	-.109	.122	.327	-.572
280	525	-.114	.121	.316	-.537
280	526	-.104	.123	.326	-.554
280	527	-.095	.123	.340	-.620
280	528	-.092	.121	.354	-.513
280	529	-.088	.118	.332	-.494
280	530	-.086	.119	.343	-.495
280	531	-.094	.121	.343	-.490
280	532	-.098	.114	.316	-.480
280	533	-.097	.104	.304	-.457
280	534	-.097	.113	.312	-.481
280	535	-.095	.113	.322	-.485
280	536	-.096	.115	.314	-.533
280	537	-.091	.116	.331	-.493
280	538	-.086	.114	.323	-.486
280	539	-.090	.114	.330	-.487
280	540	-.090	.115	.343	-.497
280	541	-.092	.117	.315	-.500
280	542	-.092	.116	.307	-.505
280	543	-.083	.117	.316	-.493
280	544	-.088	.117	.309	-.497
280	545	-.094	.120	.356	-.545
280	546	-.099	.120	.296	-.552
280	547	-.094	.124	.316	-.511
280	548	-.088	.125	.311	-.504
280	549	-.089	.124	.303	-.505
280	550	-.091	.118	.290	-.509
280	551	-.098	.125	.316	-.481
280	552	-.095	.125	.320	-.465
280	553	-.095	.125	.325	-.467
280	554	-.087	.118	.321	-.609
280	555	-.093	.117	.324	-.613
280	556	-.080	.117	.336	-.597
280	557	-.081	.118	.335	-.612
280	558	-.094	.120	.353	-.546
280	559	-.087	.129	.380	-.539
280	560	-.088	.114	.305	-.460
280	561	-.079	.129	.396	-.507
280	562	-.081	.129	.381	-.531
280	563	-.090	.119	.301	-.512
280	564	-.097	.123	.313	-.493
280	565	-.095	.120	.301	-.475
280	566	-.094	.121	.315	-.477
280	567	-.090	.122	.314	-.478
280	568	-.097	.126	.278	-.571
280	569	-.099	.123	.259	-.551
280	570	-.096	.125	.275	-.566
280	571	-.092	.125	.283	-.564
280	572	-.093	.113	.325	-.517
280	573	-.081	.111	.293	-.480
280	574	-.079	.110	.317	-.480
280	575	-.080	.112	.331	-.485
280	576	-.087	.114	.303	-.493
280	577	-.115	.112	.251	-.542
280	578	-.115	.114	.270	-.536
280	579	-.105	.112	.277	-.547
280	580	-.122	.126	.349	-.528
280	581	-.108	.124	.362	-.504
280	582	-.116	.121	.341	-.512
280	583	-.117	.124	.350	-.521
280	584	-.075	.131	.473	-.450
280	585	-.087	.131	.436	-.459
280	586	-.070	.116	.377	-.532
280	901	-.112	.113	.273	-.487
280	902	-.122	.118	.381	-.565
280	903	-.082	.171	.665	-.980
280	904	-.165	.128	.365	-.583
280	905	-.213	.179	.484	-.882
280	906	-.106	.142	.433	-.863
280	907	-.087	.162	.785	-.678
280	908	-.083	.124	.351	-.635
280	909	-.078	.102	.252	-.413
280	910	-.072	.130	.415	-.622
280	911	-.167	.147	.287	-.978
280	912	-.092	.136	.376	-.773
280	913	-.079	.134	.460	-.753
280	914	-.182	.146	.331	-.771
280	915	-.049	.128	.615	-.458
280	916	-.078	.134	.477	-.601
280	917	-.170	.122	.216	-.855
280	918	-.067	.125	.514	-.694
280	919	-.051	.121	.378	-.506
280	920	-.142	.125	.290	-.738
280	921	-.095	.111	.318	-.538
280	922	-.085	.111	.318	-.531
280	923	-.092	.112	.335	-.524
280	924	-.091	.113	.318	-.610
280	925	-.085	.112	.356	-.487
280	926	-.094	.111	.337	-.492
280	927	-.103	.110	.214	-.481
280	928	-.110	.108	.215	-.468
280	929	-.122	.134	.409	-.534
280	930	-.110	.111	.258	-.470
280	931	-.082	.108	.338	-.440
280	932	-.090	.108	.357	-.418
280	933	-.084	.110	.347	-.432
280	935	-.087	.119	.343	-.549
280	936	-.102	.116	.357	-.538
280	937	-.114	.114	.273	-.504
280	938	-.085	.118	.316	-.504
280	939	-.081	.115	.293	-.490
280	940	-.086	.113	.277	-.527
280	941	-.093	.113	.295	-.525
280	942	-.113	.116	.267	-.607
280	943	-.080	.118	.307	-.508
280	944	-.075	.117	.310	-.467
280	945	-.081	.117	.281	-.466
280	946	-.088	.117	.271	-.510
280	947	-.102	.113	.244	-.514
280	948	-.078	.113	.295	-.443
280	949	-.078	.114	.314	-.449
280	950	-.081	.114	.288	-.461
280	951	-.094	.108	.256	-.474
280	952	-.109	.107	.243	-.462
280	953	-.087	.113	.295	-.558

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	954	-.086	.111	.297	-.558
280	955	-.080	.113	.269	-.456
280	956	-.086	.109	.265	-.439
280	957	-.101	.114	.321	-.517
280	958	-.091	.114	.312	-.511
280	959	-.132	.117	.280	-.517
280	960	-.081	.111	.265	-.472
280	961	-.125	.117	.299	-.521
280	962	-.103	.123	.283	-.540
280	963	-.104	.121	.285	-.515
280	964	-.100	.122	.277	-.504
280	965	-.120	.123	.270	-.500
280	966	-.089	.115	.270	-.461
280	967	-.084	.111	.261	-.422
280	968	-.098	.113	.262	-.510
280	969	-.117	.115	.253	-.567
280	970	-.096	.122	.324	-.553
280	971	-.096	.118	.286	-.540
280	972	-.102	.118	.283	-.531
280	973	-.114	.121	.277	-.553
280	974	-.117	.126	.284	-.549
280	975	-.158	.129	.236	-.751
280	976	-.156	.132	.248	-.734
280	977	-.098	.126	.286	-.547
280	978	-.078	.111	.285	-.480
280	979	-.095	.121	.347	-.516
280	980	-.098	.119	.340	-.486
280	981	-.099	.121	.356	-.496
280	982	-.108	.121	.343	-.522
280	983	-.126	.128	.308	-.508
280	984	-.105	.114	.331	-.527
280	985	-.093	.112	.328	-.503
280	986	-.121	.114	.311	-.522
290	1	-.098	.127	.282	-.651
290	2	-.109	.122	.250	-.648
290	3	-.084	.123	.278	-.663
290	4	-.001	.129	.416	-.562
290	5	-.110	.109	.305	-.459
290	6	-.105	.107	.280	-.510
290	7	-.094	.109	.302	-.553
290	8	-.097	.111	.268	-.426
290	9	-.213	.130	.185	-.673
290	10	-.260	.147	.158	-.955
290	11	.088	.129	.734	-.311
290	12	-.121	.120	.229	-.644
290	13	-.157	.136	.293	-.887
290	14	.109	.140	.673	-.344
290	15	-.076	.109	.254	-.463
290	16	-.076	.109	.263	-.467
290	17	-.076	.108	.348	-.498
290	18	-.061	.105	.331	-.511
290	101	-.129	.127	.283	-.818
290	102	-.128	.129	.340	-.798
290	103	-.127	.129	.282	-.650
290	104	-.179	.145	.288	-1.043
290	105	-.122	.130	.315	-.619
290	106	-.117	.136	.408	-.703
290	107	-.126	.133	.446	-.620
290	108	-.104	.136	.368	-.651
290	109	-.103	.130	.340	-.690
290	110	-.113	.132	.294	-.669
290	111	-.108	.154	.373	-1.438
290	112	-.094	.138	.327	-.598
290	113	-.110	.141	.333	-.898
290	114	-.114	.137	.317	-.657
290	115	-.111	.124	.318	-.594
290	116	-.110	.123	.320	-.596
290	117	-.110	.127	.356	-.561
290	118	-.113	.123	.405	-.516
290	119	-.170	.129	.427	-.753
290	120	-.093	.122	.458	-.598
290	121	-.093	.123	.466	-.509
290	122	-.100	.127	.460	-.569
290	123	-.094	.122	.332	-.480
290	124	-.085	.121	.381	-.533
290	125	-.097	.122	.329	-.485
290	126	-.100	.122	.299	-.451
290	127	-.118	.129	.380	-.580
290	128	-.105	.127	.357	-.611
290	129	-.138	.127	.301	-.652
290	130	-.158	.128	.312	-.677
290	131	-.092	.124	.345	-.488
290	132	-.121	.125	.317	-.502
290	133	-.090	.123	.316	-.492
290	134	-.084	.124	.362	-.483
290	135	-.092	.124	.380	-.592
290	136	-.084	.122	.377	-.548
290	137	-.097	.121	.325	-.543
290	138	-.103	.120	.349	-.510
290	139	-.105	.126	.335	-.547
290	140	-.118	.123	.362	-.517
290	141	-.125	.125	.343	-.551
290	142	-.143	.125	.278	-.552
290	143	-.124	.115	.337	-.531
290	144	-.087	.124	.367	-.555
290	145	-.116	.120	.301	-.479
290	146	-.110	.121	.310	-.503
290	147	-.098	.131	.333	-.523
290	148	-.113	.128	.314	-.511
290	149	-.123	.119	.379	-.525
290	150	-.077	.123	.301	-.498
290	151	-.131	.135	.282	-.574
290	152	-.077	.122	.293	-.495
290	153	-.113	.122	.326	-.482
290	154	-.127	.121	.330	-.477
290	155	-.129	.122	.329	-.492
290	156	-.127	.121	.343	-.495
290	157	-.106	.121	.292	-.571
290	158	-.106	.117	.303	-.534
290	159	-.114	.123	.298	-.591
290	160	-.115	.119	.289	-.561
290	161	-.112	.121	.311	-.496
290	162	-.114	.119	.305	-.492
290	163	-.120	.120	.308	-.511
290	164	-.119	.120	.317	-.489
290	165	-.132	.120	.298	-.599
290	166	-.080	.116	.363	-.472
290	167	-.080	.116	.361	-.482
290	168	-.083	.116	.386	-.490
290	169	-.096	.108	.287	-.536
290	170	-.107	.106	.247	-.558
290	171	-.114	.107	.254	-.573
290	172	-.106	.108	.275	-.523
290	173	-.107	.114	.264	-.487
290	174	-.101	.111	.268	-.488
290	175	-.108	.112	.239	-.489
290	176	-.115	.116	.238	-.520
290	177	-.122	.120	.455	-.534
290	178	-.128	.118	.350	-.578
290	179	-.136	.119	.341	-.519
290	180	-.083	.116	.411	-.447
290	181	-.078	.119	.394	-.445
290	182	-.092	.116	.358	-.438
290	183	-.103	.117	.357	-.457
290	184	-.107	.115	.358	-.463
290	185	-.110	.110	.255	-.482
290	186	-.109	.114	.266	-.500
290	187	-.111	.115	.269	-.506
290	188	-.100	.115	.272	-.532
290	189	-.117	.114	.231	-.496
290	190	-.120	.115	.222	-.497
290	191	-.120	.115	.244	-.683
290	192	-.116	.115	.251	-.574
290	193	-.116	.123	.339	-.543
290	194	-.124	.124	.332	-.513
290	195	-.132	.126	.313	-.530
290	196	-.131	.127	.325	-.537
290	197	-.102	.115	.258	-.494
290	198	-.094	.113	.258	-.463
290	199	-.084	.118	.323	-.453

APPENDIX A -- PRESSURE DATA: CONFIGURATION A) HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	200	-.094	.116	.274	-.454
290	201	-.100	.117	.267	-.509
290	202	-.095	.115	.261	-.495
290	203	-.100	.117	.270	-.506
290	204	-.104	.119	.262	-.538
290	205	-.108	.118	.264	-.544
290	206	-.100	.115	.261	-.519
290	207	-.104	.115	.251	-.519
290	208	-.088	.116	.272	-.522
290	209	-.113	.113	.364	-.576
290	210	-.105	.113	.317	-.463
290	211	-.122	.115	.319	-.503
290	212	-.124	.118	.334	-.513
290	213	-.140	.126	.301	-.565
290	214	-.074	.121	.293	-.484
290	215	-.151	.126	.320	-.673
290	301	-.130	.128	.353	-.695
290	302	-.098	.137	.373	-.601
290	303	-.030	.125	.536	-.343
290	304	-.151	.131	.375	-.869
290	305	-.082	.142	.537	-.598
290	306	.050	.186	.921	-.662
290	307	-.186	.134	.468	-.776
290	308	-.185	.131	.315	-.604
290	309	-.183	.130	.305	-.639
290	310	-.110	.179	.493	-.985
290	311	.031	.204	.850	-.607
290	312	-.180	.127	.319	-.706
290	313	-.163	.128	.301	-.703
290	314	.001	.180	.675	-.542
290	315	-.176	.113	.182	-.585
290	316	-.054	.161	.641	-.862
290	317	.080	.185	.828	-.459
290	318	.018	.146	.561	-.495
290	319	-.147	.119	.234	-.737
290	320	-.127	.116	.256	-.504
290	321	-.136	.116	.243	-.504
290	322	-.033	.158	.539	-.726
290	323	.072	.169	.909	-.423
290	324	.031	.142	.628	-.390
290	325	-.128	.118	.357	-.558
290	326	-.120	.119	.366	-.502
290	327	-.116	.119	.366	-.502
290	328	-.114	.118	.279	-.520
290	329	-.124	.116	.244	-.492
290	330	-.135	.119	.248	-.541
290	331	-.001	.138	.573	-.459
290	332	.075	.142	.640	-.380
290	333	.032	.131	.485	-.431
290	334	-.120	.116	.290	-.501
290	335	-.111	.115	.279	-.483
290	336	-.116	.110	.289	-.458
290	337	-.128	.110	.287	-.462
290	338	-.131	.111	.297	-.482
290	339	-.130	.112	.294	-.510
290	340	-.130	.111	.265	-.487
290	341	-.134	.109	.267	-.503
290	342	-.144	.111	.248	-.509
290	343	-.156	.118	.193	-.620
290	344	-.147	.109	.260	-.569
290	345	-.149	.104	.211	-.558
290	346	-.134	.106	.209	-.547
290	347	-.137	.106	.220	-.572
290	348	-.140	.106	.195	-.501
290	349	.026	.126	.468	-.452
290	350	.095	.139	.678	-.634
290	351	.075	.132	.571	-.623
290	352	-.122	.128	.327	-.585
290	353	-.123	.124	.327	-.579
290	354	-.120	.124	.259	-.562
290	355	-.117	.125	.271	-.553
290	356	-.142	.128	.262	-.600
290	357	-.148	.125	.264	-.578
290	358	-.131	.123	.294	-.604
290	359	-.133	.124	.263	-.614
290	360	-.139	.119	.249	-.536
290	361	-.108	.121	.273	-.510
290	362	.009	.135	.503	-.445
290	363	.053	.147	.625	-.418
290	364	.119	.147	.708	-.304
290	365	-.118	.120	.253	-.535
290	366	-.115	.119	.258	-.522
290	367	-.111	.121	.268	-.528
290	368	-.116	.116	.269	-.549
290	369	-.120	.115	.261	-.541
290	370	-.115	.116	.272	-.539
290	371	-.117	.121	.263	-.610
290	372	-.109	.122	.312	-.566
290	373	-.098	.121	.320	-.536
290	374	-.108	.124	.320	-.532
290	375	-.096	.123	.317	-.531
290	376	-.076	.115	.299	-.449
290	377	-.076	.116	.302	-.454
290	401	-.095	.145	.437	-.795
290	402	-.118	.114	.247	-.510
290	403	-.176	.158	.257	-.898
290	404	-.114	.124	.270	-.675
290	405	-.153	.132	.242	-.683
290	406	-.099	.128	.303	-.659
290	407	-.225	.164	.247	-.998
290	408	-.135	.122	.243	-.652
290	409	-.195	.143	.371	-.749
290	410	-.074	.127	.376	-.551
290	411	-.038	.123	.356	-.433
290	412	-.078	.128	.340	-.612
290	413	.043	.146	.702	-.472
290	414	-.164	.143	.307	-.886
290	415	-.084	.114	.293	-.458
290	416	-.114	.130	.355	-.738
290	417	-.032	.129	.377	-.520
290	418	-.022	.128	.396	-.445
290	419	.011	.146	.466	-.493
290	420	.070	.160	.882	-.420
290	421	-.259	.158	.170	-1.001
290	422	-.130	.122	.275	-.625
290	423	-.178	.126	.249	-.629
290	424	-.068	.128	.346	-.571
290	425	-.184	.134	.246	-.693
290	426	-.108	.116	.335	-.624
290	427	-.190	.155	.438	-.866
290	428	-.062	.117	.361	-.492
290	429	-.041	.114	.351	-.391
290	430	-.033	.120	.451	-.407
290	431	-.059	.111	.356	-.431
290	432	-.060	.117	.349	-.482
290	433	-.064	.120	.360	-.543
290	434	-.062	.120	.339	-.494
290	435	.004	.119	.367	-.373
290	436	.055	.133	.592	-.316
290	437	.068	.139	.654	-.317
290	438	-.278	.168	.219	-1.008
290	439	-.115	.116	.292	-.509
290	440	-.098	.111	.293	-.488
290	441	-.125	.116	.282	-.577
290	442	-.090	.109	.303	-.519
290	443	-.094	.111	.296	-.640
290	444	-.147	.161	.387	-.844
290	445	-.070	.125	.334	-.651
290	446	-.091	.148	.386	-.771
290	447	-.030	.123	.384	-.506
290	448	-.036	.115	.443	-.420
290	449	-.030	.113	.439	-.413
290	450	-.031	.112	.422	-.390
290	451	-.038	.111	.388	-.419
290	452	-.052	.114	.411	-.432
290	453	-.041	.114	.402	-.422
290	454	.022	.119	.496	-.389
290	455	.046	.124	.472	-.387
290	456	.037	.125	.528	-.345
290	457	-.226	.139	.240	-.793

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	458	-.105	.114	.288	-.468
290	459	-.099	.113	.304	-.474
290	460	-.117	.116	.246	-.551
290	461	-.090	.112	.235	-.475
290	462	-.091	.112	.249	-.490
290	463	-.080	.109	.336	-.431
290	464	-.060	.105	.337	-.426
290	465	-.008	.111	.382	-.385
290	466	-.021	.117	.339	-.544
290	467	-.088	.105	.233	-.499
290	468	-.079	.123	.367	-.474
290	469	.009	.137	.574	-.419
290	470	-.081	.118	.336	-.481
290	471	-.011	.123	.469	-.385
290	472	-.074	.111	.364	-.400
290	473	-.072	.109	.354	-.413
290	474	.010	.122	.416	-.376
290	475	-.101	.113	.359	-.486
290	476	-.005	.110	.377	-.425
290	477	-.052	.106	.297	-.481
290	478	-.078	.107	.354	-.461
290	479	-.106	.108	.255	-.484
290	480	-.022	.123	.386	-.490
290	481	-.094	.124	.246	-.563
290	482	.018	.139	.486	-.510
290	483	.026	.132	.552	-.472
290	484	-.034	.124	.398	-.434
290	485	-.015	.115	.383	-.393
290	486	-.019	.116	.367	-.377
290	487	-.032	.116	.370	-.396
290	488	-.080	.122	.360	-.547
290	489	-.084	.120	.326	-.523
290	490	-.018	.129	.475	-.466
290	491	-.096	.125	.297	-.544
290	492	-.131	.130	.354	-.554
290	493	-.091	.112	.253	-.460
290	494	-.090	.113	.260	-.476
290	495	-.076	.111	.268	-.447
290	496	-.074	.119	.360	-.486
290	501	-.169	.139	.261	-.886
290	502	-.143	.138	.282	-.759
290	503	-.124	.125	.290	-.519
290	504	-.123	.141	.282	-.577
290	505	-.132	.142	.273	-.696
290	506	-.117	.134	.299	-.584
290	507	-.120	.149	.290	-.756
290	508	-.125	.132	.274	-.663
290	509	-.116	.123	.269	-.565
290	510	-.097	.122	.281	-.535
290	511	-.079	.120	.299	-.573
290	512	-.083	.121	.253	-.503
290	513	-.101	.123	.235	-.605
290	514	-.102	.126	.233	-.610
290	515	-.086	.120	.271	-.499
290	516	-.082	.117	.309	-.499
290	517	-.070	.136	.319	-.664
290	518	-.081	.115	.293	-.520
290	519	-.091	.118	.297	-.535
290	520	-.097	.121	.341	-.551
290	521	-.080	.113	.267	-.465
290	522	-.079	.115	.288	-.494
290	523	-.076	.114	.300	-.496
290	524	-.084	.119	.309	-.498
290	525	-.088	.118	.323	-.483
290	526	-.082	.119	.313	-.513
290	527	-.075	.118	.299	-.500
290	528	-.070	.116	.366	-.435
290	529	-.070	.113	.360	-.410
290	530	-.069	.114	.365	-.423
290	531	-.073	.115	.350	-.427
290	532	-.076	.115	.345	-.590
290	533	-.077	.116	.288	-.454
290	534	-.081	.112	.339	-.587
290	535	-.078	.115	.335	-.584
290	536	-.075	.115	.335	-.588
290	537	-.073	.125	.393	-.454
290	538	-.076	.122	.361	-.457
290	539	-.073	.123	.368	-.465
290	540	-.070	.124	.402	-.458
290	541	-.072	.122	.277	-.461
290	542	-.074	.118	.264	-.438
290	543	-.068	.120	.293	-.426
290	544	-.068	.120	.272	-.425
290	545	-.093	.128	.312	-.537
290	546	-.091	.123	.272	-.584
290	547	-.085	.115	.304	-.473
290	548	-.081	.117	.313	-.490
290	549	-.076	.117	.337	-.496
290	550	-.085	.120	.287	-.592
290	551	-.082	.123	.304	-.512
290	552	-.077	.125	.300	-.520
290	553	-.072	.124	.301	-.518
290	554	-.065	.109	.295	-.445
290	555	-.075	.107	.273	-.441
290	556	-.061	.109	.343	-.414
290	557	-.057	.110	.282	-.421
290	558	-.089	.127	.322	-.509
290	559	-.065	.117	.309	-.432
290	560	-.073	.114	.272	-.510
290	561	-.067	.117	.310	-.444
290	562	-.063	.116	.318	-.443
290	563	-.085	.121	.293	-.542
290	564	-.081	.123	.320	-.583
290	565	-.079	.121	.338	-.535
290	566	-.078	.121	.331	-.532
290	567	-.079	.122	.316	-.565
290	568	-.086	.120	.291	-.574
290	569	-.089	.118	.284	-.597
290	570	-.087	.119	.285	-.574
290	571	-.086	.119	.296	-.575
290	572	-.090	.128	.437	-.597
290	573	-.078	.124	.439	-.553
290	574	-.076	.124	.436	-.561
290	575	-.082	.126	.425	-.582
290	576	-.078	.122	.361	-.516
290	577	-.111	.122	.357	-.534
290	578	-.117	.121	.354	-.530
290	579	-.110	.120	.354	-.519
290	580	-.115	.121	.294	-.496
290	581	-.098	.118	.287	-.494
290	582	-.104	.116	.298	-.594
290	583	-.107	.119	.285	-.481
290	584	-.084	.117	.333	-.498
290	585	-.091	.113	.272	-.466
290	586	-.080	.110	.279	-.487
290	901	-.100	.114	.322	-.561
290	902	-.110	.119	.312	-.591
290	903	-.123	.173	.432	-1.061
290	904	-.137	.128	.264	-.609
290	905	-.164	.177	.372	-.971
290	906	-.100	.146	.359	-1.051
290	907	-.122	.160	.460	-.913
290	908	-.088	.122	.323	-.473
290	909	-.075	.099	.254	-.355
290	910	-.076	.129	.414	-.493
290	911	-.132	.126	.261	-.672
290	912	-.096	.122	.259	-.565
290	913	-.116	.124	.268	-.655
290	914	-.178	.127	.197	-.665
290	915	-.058	.129	.384	-.524
290	916	-.105	.131	.362	-.670
290	917	-.186	.129	.292	-.606
290	918	-.072	.128	.409	-.690
290	919	-.059	.114	.319	-.459
290	920	-.113	.112	.254	-.496
290	921	-.081	.102	.289	-.419
290	922	-.074	.103	.287	-.431
290	923	-.076	.110	.288	-.511
290	924	-.073	.110	.265	-.531
290	925	-.070	.108	.295	-.536

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	926	-.076	.110	.241	-.515
290	927	-.102	.113	.230	-.444
290	928	-.108	.110	.224	-.469
290	929	-.128	.117	.271	-.507
290	930	-.106	.111	.245	-.471
290	931	-.068	.110	.306	-.495
290	932	-.073	.113	.296	-.519
290	933	-.067	.112	.299	-.513
290	935	-.078	.107	.312	-.426
290	936	-.092	.105	.283	-.445
290	937	-.103	.105	.242	-.445
290	938	-.073	.112	.338	-.432
290	939	-.067	.113	.331	-.417
290	940	-.073	.112	.331	-.429
290	941	-.082	.112	.301	-.408
290	942	-.095	.115	.315	-.452
290	943	-.074	.114	.341	-.511
290	944	-.072	.111	.337	-.498
290	945	-.081	.111	.315	-.506
290	946	-.087	.112	.311	-.520
290	947	-.097	.117	.314	-.478
290	948	-.063	.118	.388	-.502
290	949	-.065	.118	.367	-.478
290	950	-.064	.120	.344	-.474
290	951	-.077	.116	.403	-.504
290	952	-.093	.115	.393	-.548
290	953	-.064	.116	.412	-.521
290	954	-.061	.115	.413	-.492
290	955	-.069	.110	.329	-.429
290	956	-.079	.105	.283	-.425
290	957	-.105	.123	.400	-.575
290	958	-.092	.120	.386	-.547
290	959	-.136	.123	.363	-.592
290	960	-.066	.112	.338	-.419
290	961	-.130	.121	.340	-.582
290	962	-.103	.120	.363	-.446
290	963	-.104	.118	.374	-.437
290	964	-.100	.119	.340	-.448
290	965	-.118	.121	.320	-.512
290	966	-.092	.122	.456	-.513
290	967	-.090	.120	.468	-.511
290	968	-.105	.122	.462	-.501
290	969	-.129	.123	.369	-.565
290	970	-.084	.116	.302	-.510
290	971	-.083	.113	.303	-.490
290	972	-.091	.112	.283	-.460
290	973	-.103	.113	.299	-.451
290	974	-.111	.124	.416	-.542
290	975	-.141	.128	.368	-.569
290	976	-.152	.133	.349	-.660

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	977	-.092	.120	.360	-.504
290	978	-.066	.112	.340	-.409
290	979	-.087	.120	.360	-.505
290	980	-.087	.118	.348	-.496
290	981	-.097	.120	.339	-.505
290	982	-.102	.121	.329	-.515
290	983	-.115	.115	.269	-.473
290	984	-.116	.111	.242	-.487
290	985	-.103	.107	.243	-.508
290	986	-.133	.114	.225	-.532
300	1	-.092	.117	.318	-.476
300	2	-.096	.112	.283	-.487
300	3	-.082	.117	.300	-.521
300	4	-.007	.120	.441	-.413
300	5	-.095	.122	.406	-.486
300	6	-.088	.119	.370	-.472
300	7	-.088	.119	.389	-.488
300	8	-.078	.121	.402	-.459
300	9	-.152	.132	.313	-.625
300	10	-.174	.140	.290	-.718
300	11	.033	.127	.587	-.407
300	12	-.119	.127	.337	-.555
300	13	-.171	.140	.215	-.888
300	14	.094	.128	.546	-.273
300	15	-.073	.112	.335	-.530
300	16	-.071	.112	.352	-.524
300	17	-.066	.108	.262	-.455
300	18	-.050	.105	.270	-.438
300	101	-.112	.126	.302	-.604
300	102	-.089	.136	.386	-.582
300	103	-.109	.118	.300	-.603
300	104	-.137	.125	.279	-.632
300	105	-.112	.121	.240	-.862
300	106	-.068	.147	.591	-.602
300	107	-.101	.143	.433	-.590
300	108	-.077	.112	.259	-.494
300	109	-.088	.127	.389	-.541
300	110	-.099	.130	.427	-.769
300	111	-.083	.125	.360	-.538
300	112	-.092	.121	.355	-.530
300	113	-.094	.125	.400	-.531
300	114	-.093	.127	.328	-.623
300	115	-.100	.122	.357	-.515
300	116	-.091	.128	.404	-.612
300	117	-.076	.140	.453	-.633
300	118	-.100	.130	.424	-.585
300	119	-.124	.133	.501	-.615
300	120	-.079	.113	.343	-.525
300	121	-.079	.113	.342	-.519
300	122	-.079	.116	.307	-.504

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	123	-.082	.124	.319	-.517
300	124	-.076	.122	.323	-.528
300	125	-.086	.123	.309	-.527
300	126	-.084	.125	.297	-.531
300	127	-.095	.130	.501	-.522
300	128	-.087	.128	.573	-.519
300	129	-.121	.131	.302	-.588
300	130	-.139	.133	.331	-.598
300	131	-.090	.121	.332	-.495
300	132	-.126	.123	.282	-.536
300	133	-.089	.121	.335	-.501
300	134	-.078	.120	.337	-.478
300	135	-.073	.117	.300	-.527
300	136	-.069	.115	.299	-.506
300	137	-.074	.117	.335	-.531
300	138	-.070	.119	.379	-.542
300	139	-.070	.135	.361	-.564
300	140	-.087	.134	.317	-.556
300	141	-.092	.135	.330	-.568
300	142	-.122	.136	.337	-.588
300	143	-.113	.108	.219	-.471
300	144	-.080	.107	.235	-.429
300	145	-.114	.132	.380	-.610
300	146	-.118	.128	.283	-.605
300	147	-.091	.127	.316	-.485
300	148	-.112	.132	.425	-.556
300	149	-.111	.111	.237	-.481
300	150	-.069	.116	.304	-.463
300	151	-.106	.122	.501	-.522
300	152	-.077	.115	.289	-.461
300	153	-.090	.113	.493	-.552
300	154	-.112	.109	.344	-.560
300	155	-.115	.111	.387	-.559
300	156	-.120	.110	.260	-.560
300	157	-.093	.111	.250	-.494
300	158	-.092	.107	.272	-.475
300	159	-.098	.113	.321	-.491
300	160	-.101	.109	.319	-.493
300	161	-.094	.117	.401	-.543
300	162	-.094	.112	.289	-.528
300	163	-.100	.114	.285	-.568
300	164	-.107	.114	.322	-.591
300	165	-.115	.121	.317	-.523
300	166	-.075	.117	.350	-.437
300	167	-.072	.117	.344	-.440
300	168	-.078	.120	.367	-.449
300	169	-.084	.116	.326	-.492
300	170	-.090	.114	.315	-.485
300	171	-.089	.117	.317	-.481
300	172	-.096	.116	.320	-.487

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	173	-.103	.109	.362	-.534
300	174	-.096	.109	.343	-.532
300	175	-.098	.110	.327	-.525
300	176	-.105	.112	.335	-.515
300	177	-.109	.112	.361	-.575
300	178	-.111	.112	.435	-.594
300	179	-.116	.111	.367	-.593
300	180	-.085	.107	.351	-.586
300	181	-.075	.112	.291	-.448
300	182	-.080	.109	.287	-.455
300	183	-.086	.110	.247	-.509
300	184	-.091	.112	.237	-.484
300	185	-.093	.105	.272	-.440
300	186	-.084	.108	.306	-.437
300	187	-.090	.109	.294	-.444
300	188	-.093	.109	.299	-.453
300	189	-.098	.110	.289	-.496
300	190	-.099	.110	.307	-.552
300	191	-.099	.111	.304	-.535
300	192	-.103	.112	.323	-.557
300	193	-.104	.117	.321	-.549
300	194	-.101	.116	.366	-.551
300	195	-.101	.122	.363	-.584
300	196	-.105	.123	.392	-.574
300	197	-.082	.119	.307	-.477
300	198	-.070	.116	.300	-.452
300	199	-.065	.117	.299	-.454
300	200	-.073	.118	.292	-.478
300	201	-.090	.104	.247	-.466
300	202	-.084	.102	.254	-.468
300	203	-.088	.104	.245	-.476
300	204	-.102	.107	.258	-.489
300	205	-.107	.119	.296	-.578
300	206	-.096	.117	.312	-.618
300	207	-.101	.117	.282	-.597
300	208	-.085	.119	.298	-.551
300	209	-.089	.114	.276	-.402
300	210	-.083	.119	.317	-.514
300	211	-.102	.121	.324	-.580
300	212	-.104	.121	.332	-.580
300	213	-.110	.124	.340	-.569
300	214	-.066	.115	.334	-.462
300	215	-.138	.119	.418	-.542
300	301	-.076	.128	.479	-.486
300	302	-.088	.120	.320	-.623
300	303	-.058	.099	.322	-.431
300	304	-.121	.136	.409	-.651
300	305	-.101	.128	.326	-.696
300	306	-.015	.162	.766	-.637
300	307	-.145	.143	.456	-.710
300	308	-.158	.123	.276	-.581
300	309	-.155	.122	.353	-.586
300	310	-.131	.148	.448	-.845
300	311	-.046	.175	.679	-.678
300	312	-.154	.118	.387	-.566
300	313	-.150	.119	.397	-.564
300	314	-.056	.163	.567	-.640
300	315	-.168	.116	.204	-.608
300	316	-.104	.137	.334	-.673
300	317	-.021	.153	.603	-.485
300	318	-.042	.138	.490	-.489
300	319	-.136	.119	.289	-.571
300	320	-.135	.119	.274	-.588
300	321	-.139	.119	.250	-.595
300	322	-.078	.141	.380	-.660
300	323	.005	.160	.638	-.472
300	324	-.003	.140	.450	-.614
300	325	-.125	.117	.261	-.502
300	326	-.102	.123	.352	-.511
300	327	-.100	.123	.329	-.534
300	328	-.093	.122	.318	-.486
300	329	-.120	.117	.286	-.509
300	330	-.128	.120	.228	-.568
300	331	-.059	.135	.455	-.532
300	332	.033	.140	.710	-.457
300	333	.009	.127	.485	-.415
300	334	-.111	.123	.288	-.642
300	335	-.095	.120	.417	-.662
300	336	-.092	.121	.402	-.465
300	337	-.118	.116	.300	-.541
300	338	-.119	.117	.297	-.539
300	339	-.120	.117	.273	-.581
300	340	-.115	.123	.356	-.669
300	341	-.125	.121	.317	-.581
300	342	-.127	.123	.279	-.593
300	343	-.130	.127	.293	-.596
300	344	-.130	.116	.259	-.592
300	345	-.139	.112	.221	-.544
300	346	-.124	.113	.247	-.509
300	347	-.127	.113	.219	-.513
300	348	-.128	.119	.271	-.551
300	349	-.019	.132	.542	-.545
300	350	.062	.146	.641	-.486
300	351	.055	.139	.526	-.459
300	352	-.124	.118	.327	-.545
300	353	-.129	.116	.303	-.541
300	354	-.125	.118	.317	-.537
300	355	-.122	.121	.314	-.571
300	356	-.126	.132	.302	-.622
300	357	-.135	.129	.287	-.641
300	358	-.122	.128	.317	-.579
300	359	-.125	.129	.296	-.595
300	360	-.135	.126	.328	-.589
300	361	-.113	.120	.342	-.544
300	362	-.016	.123	.408	-.419
300	363	.026	.133	.517	-.449
300	364	.089	.138	.636	-.382
300	365	-.112	.126	.253	-.559
300	366	-.110	.125	.282	-.676
300	367	-.107	.128	.307	-.578
300	368	-.113	.119	.257	-.502
300	369	-.124	.116	.247	-.514
300	370	-.119	.116	.263	-.499
300	371	-.098	.125	.321	-.479
300	372	-.094	.116	.272	-.487
300	373	-.094	.114	.245	-.489
300	374	-.084	.116	.352	-.462
300	375	-.082	.114	.352	-.463
300	376	-.079	.115	.297	-.460
300	377	-.084	.114	.278	-.441
300	401	-.101	.139	.396	-.661
300	402	-.109	.106	.207	-.443
300	403	-.126	.140	.355	-.795
300	404	-.107	.121	.278	-.554
300	405	-.126	.126	.252	-.560
300	406	-.092	.127	.385	-.641
300	407	-.162	.145	.225	-.974
300	408	-.117	.117	.245	-.598
300	409	-.172	.141	.314	-.963
300	410	-.108	.130	.349	-.643
300	411	-.026	.117	.413	-.429
300	412	-.098	.132	.464	-.623
300	413	-.016	.142	.602	-.465
300	414	-.113	.132	.439	-.696
300	415	-.078	.119	.423	-.500
300	416	-.100	.125	.338	-.641
300	417	-.055	.123	.385	-.654
300	418	-.050	.121	.370	-.468
300	419	-.037	.126	.414	-.507
300	420	-.005	.138	.525	-.402
300	421	-.156	.142	.269	-.745
300	422	-.107	.127	.267	-.665
300	423	-.134	.131	.245	-.769
300	424	-.081	.120	.363	-.501
300	425	-.149	.127	.266	-.841
300	426	-.101	.116	.306	-.513
300	427	-.162	.136	.342	-.859
300	428	-.088	.124	.355	-.574
300	429	-.064	.118	.364	-.461
300	430	-.066	.121	.333	-.665

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	431	-.065	.117	.326	-.433
300	432	-.058	.124	.355	-.579
300	433	-.061	.123	.323	-.577
300	434	-.061	.126	.328	-.572
300	435	-.014	.124	.393	-.503
300	436	.010	.126	.592	-.446
300	437	.013	.127	.617	-.447
300	438	-.194	.132	.212	-.793
300	439	-.098	.115	.281	-.495
300	440	-.099	.116	.243	-.620
300	441	-.122	.117	.219	-.656
300	442	-.092	.114	.263	-.569
300	443	-.093	.115	.272	-.535
300	444	-.151	.139	.319	-.753
300	445	-.092	.112	.318	-.484
300	446	-.109	.130	.291	-.653
300	447	-.057	.118	.350	-.469
300	448	-.054	.118	.376	-.461
300	449	-.062	.115	.366	-.468
300	450	-.045	.115	.357	-.467
300	451	-.050	.118	.380	-.469
300	452	-.058	.119	.329	-.467
300	453	-.046	.126	.431	-.431
300	454	-.005	.122	.452	-.467
300	455	.021	.125	.464	-.424
300	456	.016	.124	.474	-.410
300	457	-.209	.126	.247	-.738
300	458	-.101	.109	.343	-.501
300	459	-.097	.109	.358	-.497
300	460	-.097	.117	.323	-.538
300	461	-.098	.113	.276	-.504
300	462	-.083	.113	.284	-.501
300	463	-.079	.110	.356	-.436
300	464	-.077	.118	.355	-.461
300	465	-.045	.122	.382	-.431
300	466	-.036	.126	.408	-.465
300	467	-.098	.120	.285	-.495
300	468	-.088	.115	.344	-.455
300	469	-.031	.125	.445	-.420
300	470	-.087	.110	.279	-.461
300	471	-.034	.114	.408	-.396
300	472	-.085	.117	.320	-.452
300	473	-.098	.115	.274	-.455
300	474	-.037	.126	.391	-.416
300	475	-.096	.120	.300	-.501
300	476	-.018	.114	.441	-.392
300	477	-.079	.110	.323	-.436
300	478	-.093	.115	.308	-.501
300	479	-.105	.115	.272	-.495
300	480	-.045	.119	.400	-.478

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	481	-.105	.120	.318	-.616
300	482	-.005	.129	.504	-.502
300	483	-.001	.125	.458	-.447
300	484	-.043	.134	.649	-.577
300	485	-.036	.128	.415	-.510
300	486	-.040	.129	.431	-.519
300	487	-.053	.131	.425	-.556
300	488	-.092	.125	.357	-.454
300	489	-.092	.124	.345	-.452
300	490	-.042	.127	.411	-.412
300	491	-.091	.129	.390	-.490
300	492	-.107	.120	.336	-.549
300	493	-.094	.124	.290	-.503
300	494	-.093	.125	.282	-.501
300	495	-.080	.125	.327	-.502
300	496	-.072	.124	.356	-.493
300	501	-.129	.133	.350	-.735
300	502	-.115	.130	.375	-.580
300	503	-.121	.130	.329	-.530
300	504	-.119	.131	.270	-.584
300	505	-.125	.135	.292	-.562
300	506	-.118	.134	.305	-.537
300	507	-.112	.135	.391	-.707
300	508	-.127	.133	.333	-.590
300	509	-.123	.132	.265	-.727
300	510	-.109	.132	.331	-.583
300	511	-.093	.128	.351	-.490
300	512	-.091	.134	.333	-.549
300	513	-.094	.132	.317	-.533
300	514	-.098	.133	.318	-.728
300	515	-.094	.136	.340	-.641
300	516	-.086	.125	.286	-.552
300	517	-.090	.127	.313	-.566
300	518	-.082	.122	.290	-.557
300	519	-.084	.122	.289	-.538
300	520	-.101	.135	.384	-.554
300	521	-.088	.132	.402	-.532
300	522	-.091	.133	.403	-.526
300	523	-.085	.133	.401	-.524
300	524	-.093	.124	.314	-.536
300	525	-.089	.122	.319	-.502
300	526	-.090	.123	.299	-.495
300	527	-.078	.124	.319	-.493
300	528	-.070	.129	.354	-.498
300	529	-.059	.126	.335	-.498
300	530	-.065	.126	.346	-.484
300	531	-.069	.127	.345	-.510
300	532	-.076	.123	.352	-.492
300	533	-.089	.119	.302	-.545
300	534	-.069	.120	.367	-.447

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	535	-.075	.122	.366	-.493
300	536	-.070	.123	.382	-.492
300	537	-.083	.125	.329	-.500
300	538	-.076	.124	.347	-.503
300	539	-.086	.126	.338	-.522
300	540	-.080	.125	.343	-.505
300	541	-.077	.117	.303	-.462
300	542	-.070	.116	.324	-.465
300	543	-.071	.117	.340	-.458
300	544	-.073	.116	.330	-.458
300	545	-.083	.124	.312	-.474
300	546	-.075	.118	.350	-.469
300	547	-.069	.128	.434	-.523
300	548	-.072	.129	.431	-.528
300	549	-.071	.129	.431	-.516
300	550	-.071	.116	.349	-.459
300	551	-.078	.124	.304	-.520
300	552	-.086	.125	.303	-.540
300	553	-.084	.125	.308	-.540
300	554	-.070	.124	.378	-.585
300	555	-.066	.124	.359	-.562
300	556	-.068	.126	.376	-.564
300	557	-.071	.126	.367	-.566
300	558	-.080	.124	.315	-.465
300	559	-.068	.124	.310	-.490
300	560	-.065	.113	.309	-.436
300	561	-.069	.123	.291	-.478
300	562	-.069	.123	.314	-.481
300	563	-.067	.115	.369	-.462
300	564	-.072	.112	.281	-.467
300	565	-.072	.111	.280	-.439
300	566	-.074	.111	.284	-.454
300	567	-.068	.111	.286	-.462
300	568	-.061	.109	.332	-.485
300	569	-.066	.107	.301	-.451
300	570	-.064	.108	.322	-.464
300	571	-.058	.108	.326	-.460
300	572	-.077	.115	.291	-.463
300	573	-.073	.113	.292	-.456
300	574	-.073	.113	.285	-.449
300	575	-.071	.113	.297	-.441
300	576	-.072	.124	.372	-.482
300	577	-.104	.124	.300	-.525
300	578	-.102	.123	.350	-.522
300	579	-.092	.124	.359	-.494
300	580	-.097	.122	.329	-.535
300	581	-.107	.118	.304	-.493
300	582	-.094	.118	.292	-.511
300	583	-.091	.121	.329	-.517
300	584	-.076	.113	.337	-.558

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	585	-.077	.106	.314	-.515
300	586	-.059	.120	.381	-.429
300	901	-.088	.112	.254	-.499
300	902	-.094	.119	.297	-.558
300	903	-.131	.162	.404	-.904
300	904	-.110	.130	.312	-.787
300	905	-.113	.148	.415	-1.063
300	906	-.077	.133	.401	-.585
300	907	-.095	.145	.512	-.695
300	908	-.074	.115	.429	-.597
300	909	-.077	.095	.319	-.482
300	910	-.070	.120	.387	-.561
300	911	-.094	.124	.357	-.482
300	912	-.082	.126	.438	-.556
300	913	-.108	.129	.411	-.543
300	914	-.142	.135	.268	-1.212
300	915	-.063	.115	.298	-.572
300	916	-.088	.121	.298	-.644
300	917	-.145	.122	.391	-.674
300	918	-.072	.115	.285	-.594
300	919	-.060	.108	.304	-.432
300	920	-.106	.118	.315	-.722
300	921	-.070	.104	.284	-.422
300	922	-.062	.105	.301	-.409
300	923	-.074	.102	.260	-.408
300	924	-.067	.099	.264	-.380
300	925	-.066	.099	.271	-.374
300	926	-.063	.105	.343	-.418
300	927	-.077	.118	.366	-.464
300	928	-.087	.116	.366	-.438
300	929	-.111	.111	.313	-.538
300	930	-.102	.112	.326	-.460
300	931	-.064	.105	.306	-.479
300	932	-.065	.103	.312	-.477
300	933	-.060	.104	.312	-.470
300	935	-.062	.110	.369	-.586
300	936	-.072	.116	.454	-.658
300	937	-.098	.110	.318	-.559
300	938	-.065	.109	.325	-.596
300	939	-.064	.108	.282	-.407
300	940	-.066	.108	.286	-.415
300	941	-.074	.110	.280	-.406
300	942	-.086	.115	.261	-.490
300	943	-.067	.109	.331	-.480
300	944	-.066	.107	.375	-.477
300	945	-.069	.109	.335	-.480
300	946	-.073	.113	.313	-.521
300	947	-.078	.110	.307	-.508
300	948	-.059	.105	.290	-.472
300	949	-.061	.106	.297	-.457
300	950	-.061	.108	.298	-.509
300	951	-.068	.114	.298	-.466
300	952	-.079	.113	.299	-.475
300	953	-.057	.110	.309	-.412
300	954	-.057	.111	.328	-.435
300	955	-.074	.109	.288	-.501
300	956	-.082	.106	.295	-.465
300	957	-.077	.124	.431	-.529
300	958	-.078	.119	.401	-.496
300	959	-.109	.118	.395	-.555
300	960	-.078	.106	.258	-.473
300	961	-.101	.118	.390	-.539
300	962	-.094	.116	.299	-.495
300	963	-.090	.114	.332	-.509
300	964	-.098	.116	.310	-.509
300	965	-.097	.118	.379	-.517
300	966	-.079	.123	.365	-.502
300	967	-.080	.121	.331	-.483
300	968	-.095	.123	.307	-.537
300	969	-.098	.126	.312	-.510
300	970	-.076	.114	.299	-.514
300	971	-.073	.113	.306	-.504
300	972	-.090	.117	.297	-.521
300	973	-.100	.119	.342	-.488
300	974	-.106	.127	.256	-.517
300	975	-.118	.129	.250	-.527
300	976	-.130	.130	.372	-.617
300	977	-.085	.126	.288	-.482
300	978	-.080	.106	.264	-.472
300	979	-.090	.121	.324	-.505
300	980	-.085	.119	.312	-.463
300	981	-.093	.121	.312	-.481
300	982	-.096	.123	.328	-.520
300	983	-.113	.119	.257	-.518
300	984	-.100	.117	.338	-.442
300	985	-.098	.115	.314	-.459
300	986	-.109	.122	.330	-.549
310	1	-.084	.130	.347	-.591
310	2	-.063	.128	.367	-.525
310	3	-.108	.132	.332	-.597
310	4	-.016	.137	.430	-.561
310	5	-.108	.127	.239	-.702
310	6	-.126	.130	.242	-.655
310	7	-.104	.116	.244	-.562
310	8	-.019	.125	.512	-.407
310	9	-.136	.116	.242	-.500
310	10	-.152	.121	.195	-.623
310	11	-.000	.112	.452	-.394
310	12	-.133	.115	.248	-.620
310	13	-.165	.122	.183	-.595
310	14	-.043	.113	.608	-.305
310	15	-.066	.102	.300	-.389
310	16	-.066	.103	.300	-.393
310	17	-.062	.107	.325	-.439
310	18	-.054	.105	.335	-.444
310	101	-.118	.132	.370	-.554
310	102	-.062	.146	.526	-.557
310	103	-.107	.122	.340	-.509
310	104	-.134	.128	.265	-.684
310	105	-.126	.130	.372	-.586
310	106	-.017	.158	.672	-.542
310	107	-.047	.158	.752	-.551
310	108	-.089	.114	.302	-.497
310	109	-.105	.126	.342	-.530
310	110	-.119	.129	.336	-.579
310	111	-.088	.124	.431	-.500
310	112	-.110	.118	.305	-.507
310	113	-.108	.121	.367	-.517
310	114	-.100	.125	.455	-.523
310	115	-.093	.133	.395	-.531
310	116	-.071	.146	.556	-.576
310	117	-.017	.155	.543	-.476
310	118	-.058	.142	.501	-.504
310	119	-.072	.148	.472	-.570
310	120	-.094	.119	.292	-.459
310	121	-.096	.120	.337	-.475
310	122	-.101	.121	.317	-.477
310	123	-.095	.130	.363	-.513
310	124	-.089	.129	.373	-.499
310	125	-.087	.131	.383	-.546
310	126	-.072	.134	.436	-.525
310	127	-.057	.135	.417	-.435
310	128	-.044	.133	.408	-.416
310	129	-.064	.136	.458	-.603
310	130	-.078	.143	.687	-.772
310	131	-.085	.130	.319	-.538
310	132	-.068	.137	.459	-.588
310	133	-.086	.130	.336	-.546
310	134	-.079	.130	.328	-.536
310	135	-.073	.122	.315	-.470
310	136	-.072	.119	.286	-.479
310	137	-.077	.120	.282	-.453
310	138	-.066	.121	.286	-.458
310	139	-.061	.134	.359	-.513
310	140	-.041	.132	.405	-.505
310	141	-.046	.133	.372	-.519
310	142	-.067	.137	.418	-.525
310	143	-.082	.113	.261	-.468
310	144	-.096	.114	.305	-.494
310	145	-.078	.145	.630	-.655

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	146	-.081	.147	.632	-.671
310	147	-.101	.123	.319	-.605
310	148	-.073	.128	.314	-.539
310	149	-.072	.119	.363	-.498
310	150	-.072	.119	.350	-.576
310	151	-.061	.130	.372	-.542
310	152	-.089	.120	.346	-.666
310	153	-.024	.128	.564	-.401
310	154	-.077	.120	.300	-.487
310	155	-.053	.125	.569	-.443
310	156	-.077	.118	.304	-.436
310	157	-.091	.127	.319	-.650
310	158	-.088	.119	.310	-.602
310	159	-.094	.134	.394	-.634
310	160	-.122	.143	.359	-.847
310	161	-.043	.130	.462	-.467
310	162	-.059	.120	.379	-.439
310	163	-.069	.120	.289	-.476
310	164	-.067	.121	.398	-.512
310	165	-.075	.121	.380	-.605
310	166	-.087	.114	.283	-.440
310	167	-.082	.114	.289	-.431
310	168	-.082	.117	.302	-.443
310	169	-.075	.129	.357	-.567
310	170	-.081	.129	.364	-.574
310	171	-.068	.130	.353	-.571
310	172	-.094	.128	.367	-.599
310	173	-.107	.126	.301	-.606
310	174	-.106	.129	.348	-.574
310	175	-.125	.136	.325	-.668
310	176	-.085	.127	.299	-.572
310	177	-.072	.149	.418	-.681
310	178	-.065	.150	.557	-.675
310	179	-.072	.150	.612	-.670
310	180	-.093	.136	.350	-.601
310	181	-.073	.106	.280	-.407
310	182	-.065	.107	.284	-.416
310	183	-.086	.107	.263	-.434
310	184	-.104	.111	.230	-.519
310	185	-.085	.115	.410	-.474
310	186	-.081	.118	.334	-.485
310	187	-.100	.117	.316	-.510
310	188	-.102	.117	.315	-.518
310	189	-.113	.109	.272	-.476
310	190	-.117	.108	.257	-.452
310	191	-.120	.111	.259	-.494
310	192	-.139	.118	.252	-.567
310	193	-.082	.125	.341	-.509
310	194	-.104	.131	.388	-.582
310	195	-.062	.129	.359	-.521
310	196	-.063	.132	.418	-.529
310	197	-.087	.112	.401	-.465
310	198	-.091	.112	.398	-.469
310	199	-.067	.114	.436	-.426
310	200	-.076	.113	.418	-.463
310	201	-.084	.116	.321	-.459
310	202	-.097	.115	.281	-.476
310	203	-.082	.119	.391	-.456
310	204	-.105	.116	.273	-.495
310	205	-.104	.122	.334	-.568
310	206	-.105	.124	.332	-.566
310	207	-.118	.126	.332	-.580
310	208	-.056	.125	.444	-.458
310	209	-.058	.128	.454	-.477
310	210	-.055	.121	.393	-.437
310	211	-.069	.120	.389	-.569
310	212	-.084	.129	.408	-.850
310	213	-.055	.122	.412	-.433
310	214	-.069	.117	.343	-.521
310	215	-.068	.143	.673	-.580
310	301	-.036	.157	.679	-.500
310	302	-.094	.130	.490	-.482
310	303	-.107	.096	.247	-.374
310	304	-.049	.151	.849	-.530
310	305	-.089	.131	.578	-.516
310	306	-.081	.126	.549	-.479
310	307	-.047	.163	.909	-.602
310	308	-.101	.123	.699	-.640
310	309	-.125	.119	.300	-.642
310	310	-.108	.125	.362	-.799
310	311	-.099	.135	.459	-.605
310	312	-.111	.135	.556	-.756
310	313	-.079	.144	.687	-.579
310	314	-.085	.141	.530	-.702
310	315	-.109	.129	.318	-.506
310	316	-.107	.127	.330	-.582
310	317	-.086	.140	.463	-.627
310	318	-.089	.135	.406	-.634
310	319	-.092	.132	.432	-.649
310	320	-.084	.128	.670	-.576
310	321	-.091	.122	.744	-.938
310	322	-.098	.121	.362	-.547
310	323	-.078	.135	.373	-.649
310	324	-.074	.133	.426	-.485
310	325	-.090	.126	.534	-.513
310	326	-.041	.138	.545	-.480
310	327	-.047	.134	.514	-.451
310	328	-.027	.133	.667	-.454
310	329	-.100	.118	.328	-.460
310	330	-.105	.117	.309	-.500
310	331	-.098	.118	.309	-.502
310	332	-.074	.125	.379	-.470
310	333	-.067	.126	.446	-.486
310	334	-.047	.139	.563	-.514
310	335	-.044	.133	.411	-.525
310	336	-.022	.139	.557	-.459
310	337	-.054	.135	.471	-.454
310	338	-.087	.127	.436	-.487
310	339	-.082	.126	.402	-.470
310	340	-.064	.135	.445	-.488
310	341	-.066	.128	.426	-.502
310	342	-.084	.125	.339	-.503
310	343	-.080	.123	.340	-.522
310	344	-.076	.114	.322	-.529
310	345	-.068	.114	.302	-.511
310	346	-.084	.113	.275	-.534
310	347	-.076	.113	.303	-.536
310	348	-.088	.122	.370	-.470
310	349	-.066	.119	.402	-.503
310	350	-.054	.132	.442	-.509
310	351	-.041	.136	.494	-.519
310	352	-.071	.115	.426	-.426
310	353	-.053	.121	.360	-.414
310	354	-.068	.125	.537	-.495
310	355	-.062	.124	.395	-.444
310	356	-.074	.119	.327	-.525
310	357	-.070	.117	.334	-.516
310	358	-.082	.117	.305	-.537
310	359	-.078	.119	.304	-.539
310	360	-.085	.120	.280	-.648
310	361	-.078	.118	.286	-.599
310	362	-.051	.119	.328	-.516
310	363	-.019	.120	.434	-.463
310	364	.007	.128	.454	-.397
310	365	-.034	.141	.539	-.590
310	366	-.045	.140	.464	-.664
310	367	-.048	.140	.515	-.622
310	368	-.074	.137	.436	-.567
310	369	-.096	.130	.319	-.591
310	370	-.103	.125	.326	-.543
310	371	-.083	.135	.345	-.521
310	372	-.059	.118	.299	-.401
310	373	-.047	.118	.322	-.389
310	374	-.074	.118	.499	-.431
310	375	-.074	.114	.273	-.411
310	376	-.089	.119	.301	-.551
310	377	-.085	.117	.308	-.551
310	401	-.129	.126	.280	-.553
310	402	-.102	.106	.249	-.461
310	403	-.119	.123	.269	-.964

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	404	-.098	.117	.249	-.682	310	454	-.057	.125	.392	-.520	310	508	-.101	.117	.333	-.547
310	405	-.108	.118	.240	-.633	310	455	-.027	.126	.398	-.520	310	509	-.128	.123	.374	-.573
310	406	-.092	.119	.258	-.617	310	456	-.024	.115	.416	-.402	310	510	-.093	.118	.336	-.553
310	407	-.135	.115	.233	-.515	310	457	-.134	.129	.410	-.652	310	511	-.081	.116	.351	-.557
310	408	-.109	.112	.251	-.459	310	458	-.082	.114	.371	-.520	310	512	-.068	.115	.379	-.519
310	409	-.150	.126	.330	-.646	310	459	-.080	.114	.372	-.505	310	513	-.067	.115	.319	-.505
310	410	-.116	.123	.428	-.574	310	460	-.094	.120	.311	-.514	310	514	-.077	.115	.322	-.514
310	411	-.034	.129	.405	-.435	310	461	-.090	.117	.334	-.484	310	515	-.070	.116	.369	-.504
310	412	-.112	.123	.367	-.742	310	462	-.086	.118	.322	-.502	310	516	-.085	.115	.264	-.663
310	413	-.082	.127	.715	-.675	310	463	-.090	.118	.313	-.478	310	517	-.110	.136	.333	-.529
310	414	-.119	.124	.330	-.638	310	464	-.092	.118	.326	-.480	310	518	-.082	.114	.264	-.635
310	415	-.096	.120	.319	-.559	310	465	-.063	.122	.362	-.488	310	519	-.084	.113	.267	-.621
310	416	-.098	.128	.326	-.537	310	466	-.064	.127	.369	-.465	310	520	-.086	.119	.317	-.538
310	417	-.090	.128	.331	-.536	310	467	-.097	.121	.319	-.498	310	521	-.080	.115	.306	-.504
310	418	-.075	.129	.319	-.524	310	468	-.097	.122	.318	-.517	310	522	-.078	.116	.312	-.509
310	419	-.068	.129	.375	-.526	310	469	-.075	.126	.402	-.496	310	523	-.076	.116	.319	-.496
310	420	-.064	.128	.467	-.523	310	470	-.079	.118	.345	-.496	310	524	-.083	.111	.286	-.522
310	421	-.140	.122	.379	-.549	310	471	-.054	.124	.390	-.488	310	525	-.085	.110	.278	-.500
310	422	-.103	.121	.367	-.540	310	472	-.091	.117	.295	-.497	310	526	-.080	.109	.275	-.436
310	423	-.117	.122	.369	-.535	310	473	-.098	.114	.305	-.504	310	527	-.072	.108	.286	-.427
310	424	-.083	.124	.355	-.487	310	474	-.078	.117	.322	-.491	310	528	-.066	.124	.364	-.519
310	425	-.116	.123	.299	-.565	310	475	-.087	.116	.305	-.506	310	529	-.059	.122	.371	-.504
310	426	-.094	.120	.330	-.449	310	476	-.042	.128	.370	-.421	310	530	-.065	.122	.361	-.514
310	427	-.136	.132	.319	-.684	310	477	-.093	.126	.313	-.507	310	531	-.065	.123	.363	-.523
310	428	-.099	.118	.274	-.526	310	478	-.089	.125	.401	-.473	310	532	-.072	.120	.326	-.452
310	429	-.091	.115	.308	-.501	310	479	-.092	.126	.330	-.488	310	533	-.097	.132	.425	-.468
310	430	-.086	.117	.301	-.496	310	480	-.066	.121	.357	-.548	310	534	-.077	.118	.318	-.449
310	431	-.084	.114	.299	-.491	310	481	-.093	.119	.334	-.570	310	535	-.078	.120	.329	-.449
310	432	-.092	.120	.289	-.451	310	482	-.046	.127	.411	-.511	310	536	-.068	.119	.329	-.434
310	433	-.096	.120	.281	-.457	310	483	-.043	.124	.398	-.498	310	537	-.066	.111	.338	-.468
310	434	-.092	.121	.307	-.449	310	484	-.071	.118	.388	-.431	310	538	-.069	.110	.350	-.466
310	435	-.057	.122	.329	-.444	310	485	-.064	.114	.367	-.434	310	539	-.072	.110	.339	-.477
310	436	-.034	.119	.562	-.418	310	486	-.064	.115	.363	-.439	310	540	-.063	.111	.338	-.476
310	437	-.030	.119	.558	-.418	310	487	-.077	.115	.340	-.444	310	541	-.075	.120	.305	-.447
310	438	-.153	.127	.251	-.646	310	488	-.090	.118	.286	-.493	310	542	-.074	.118	.307	-.465
310	439	-.092	.118	.359	-.515	310	489	-.089	.117	.290	-.497	310	543	-.077	.120	.308	-.464
310	440	-.090	.119	.335	-.548	310	490	-.075	.115	.299	-.485	310	544	-.080	.120	.296	-.447
310	441	-.097	.117	.334	-.543	310	491	-.084	.116	.274	-.499	310	545	-.091	.119	.305	-.551
310	442	-.082	.117	.348	-.558	310	492	-.107	.134	.349	-.485	310	546	-.077	.128	.375	-.503
310	443	-.084	.118	.356	-.582	310	493	-.074	.109	.340	-.437	310	547	-.070	.109	.307	-.443
310	444	-.121	.125	.390	-.578	310	494	-.078	.110	.337	-.444	310	548	-.069	.111	.303	-.447
310	445	-.085	.113	.342	-.434	310	495	-.065	.110	.341	-.430	310	549	-.066	.111	.308	-.444
310	446	-.101	.122	.408	-.499	310	496	-.065	.118	.348	-.499	310	550	-.077	.126	.367	-.529
310	447	-.076	.120	.429	-.471	310	501	-.090	.117	.302	-.473	310	551	-.065	.110	.381	-.400
310	448	-.065	.121	.344	-.539	310	502	-.105	.119	.311	-.487	310	552	-.067	.111	.375	-.401
310	449	-.069	.119	.328	-.560	310	503	-.119	.124	.301	-.550	310	553	-.066	.112	.374	-.406
310	450	-.054	.119	.345	-.523	310	504	-.097	.124	.273	-.555	310	554	-.062	.116	.285	-.467
310	451	-.056	.122	.355	-.481	310	505	-.088	.121	.315	-.470	310	555	-.068	.114	.292	-.456
310	452	-.078	.127	.360	-.545	310	506	-.092	.121	.306	-.478	310	556	-.069	.114	.291	-.467
310	453	-.044	.132	.476	-.534	310	507	-.101	.129	.276	-.532	310	557	-.067	.115	.291	-.459

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	558	-.087	.119	.298	-.542
310	559	-.063	.113	.323	-.443
310	560	-.078	.120	.358	-.493
310	561	-.070	.113	.313	-.471
310	562	-.069	.113	.320	-.468
310	563	-.068	.124	.360	-.504
310	564	-.081	.124	.411	-.485
310	565	-.079	.123	.405	-.502
310	566	-.076	.123	.413	-.487
310	567	-.076	.123	.416	-.474
310	568	-.076	.120	.417	-.554
310	569	-.078	.118	.390	-.560
310	570	-.076	.119	.412	-.555
310	571	-.072	.120	.420	-.539
310	572	-.085	.116	.386	-.541
310	573	-.087	.116	.400	-.575
310	574	-.085	.116	.394	-.564
310	575	-.078	.115	.389	-.555
310	576	-.083	.124	.350	-.511
310	577	-.087	.128	.347	-.522
310	578	-.087	.128	.364	-.526
310	579	-.075	.126	.367	-.479
310	580	-.062	.125	.383	-.604
310	581	-.106	.120	.324	-.621
310	582	-.075	.118	.346	-.574
310	583	-.064	.122	.379	-.624
310	584	-.095	.121	.324	-.565
310	585	-.096	.116	.370	-.514
310	586	-.080	.128	.389	-.501
310	901	-.076	.108	.343	-.439
310	902	-.090	.111	.304	-.524
310	903	-.092	.121	.296	-.694
310	904	-.110	.107	.265	-.497
310	905	-.098	.112	.311	-.499
310	906	-.072	.111	.307	-.463
310	907	-.092	.113	.367	-.497
310	908	-.090	.105	.309	-.521
310	909	-.094	.085	.236	-.384
310	910	-.093	.110	.325	-.518
310	911	-.107	.110	.302	-.529
310	912	-.100	.113	.329	-.573
310	913	-.089	.113	.286	-.551
310	914	-.115	.114	.288	-.553
310	915	-.074	.113	.312	-.442
310	916	-.091	.122	.368	-.650
310	917	-.072	.132	.566	-.489
310	918	-.079	.113	.302	-.444
310	919	-.082	.110	.238	-.526
310	920	-.140	.117	.465	-.653
310	921	-.072	.110	.244	-.397
310	922	-.075	.110	.265	-.403
310	923	-.088	.113	.299	-.493
310	924	-.079	.111	.284	-.472
310	925	-.074	.112	.296	-.468
310	926	-.054	.115	.313	-.467
310	927	-.034	.128	.474	-.520
310	928	-.029	.119	.391	-.409
310	929	-.071	.132	.450	-.613
310	930	-.049	.118	.497	-.460
310	931	-.067	.108	.306	-.468
310	932	-.065	.106	.303	-.468
310	933	-.066	.107	.316	-.439
310	935	-.061	.117	.360	-.413
310	936	-.070	.129	.332	-.579
310	937	-.068	.117	.336	-.442
310	938	-.073	.118	.367	-.429
310	939	-.074	.106	.276	-.490
310	940	-.075	.107	.274	-.471
310	941	-.073	.112	.250	-.477
310	942	-.097	.132	.342	-.676
310	943	-.074	.107	.347	-.439
310	944	-.070	.106	.359	-.434
310	945	-.075	.107	.374	-.431
310	946	-.068	.109	.350	-.431
310	947	-.087	.137	.336	-.769
310	948	-.064	.107	.283	-.441
310	949	-.068	.108	.286	-.427
310	950	-.069	.111	.313	-.413
310	951	-.063	.110	.348	-.427
310	952	-.047	.118	.429	-.538
310	953	-.060	.105	.247	-.408
310	954	-.067	.107	.246	-.414
310	955	-.073	.107	.312	-.472
310	956	-.075	.106	.297	-.436
310	957	-.069	.138	.468	-.507
310	958	-.095	.128	.373	-.520
310	959	-.096	.136	.465	-.541
310	960	-.072	.106	.281	-.405
310	961	-.088	.138	.474	-.540
310	962	-.107	.126	.337	-.561
310	963	-.073	.123	.382	-.471
310	964	-.103	.123	.346	-.508
310	965	-.076	.127	.394	-.496
310	966	-.081	.119	.344	-.485
310	967	-.088	.118	.323	-.474
310	968	-.116	.126	.310	-.575
310	969	-.069	.126	.534	-.453
310	970	-.074	.121	.329	-.492
310	971	-.084	.118	.285	-.501
310	972	-.097	.122	.337	-.526
310	973	-.071	.126	.427	-.471
310	974	-.103	.126	.294	-.597
310	975	-.081	.125	.386	-.484
310	976	-.100	.128	.453	-.584
310	977	-.087	.119	.387	-.523
310	978	-.074	.109	.277	-.422
310	979	-.092	.129	.394	-.573
310	980	-.095	.126	.371	-.561
310	981	-.093	.129	.356	-.575
310	982	-.099	.130	.372	-.566
310	983	-.100	.124	.310	-.494
310	984	-.122	.131	.308	-.540
310	985	-.110	.125	.326	-.502
310	986	-.079	.135	.391	-.509
320	1	-.111	.123	.276	-.511
320	2	-.071	.117	.285	-.436
320	3	-.123	.122	.241	-.491
320	4	-.037	.133	.440	-.460
320	5	-.141	.144	.305	-.912
320	6	-.165	.144	.262	-.753
320	7	-.125	.119	.236	-.659
320	8	-.017	.127	.534	-.471
320	9	-.078	.109	.263	-.448
320	10	-.083	.109	.268	-.468
320	11	-.032	.108	.295	-.398
320	12	-.129	.114	.211	-.581
320	13	-.168	.117	.213	-.748
320	14	.002	.112	.445	-.361
320	15	-.066	.100	.243	-.384
320	16	-.067	.100	.238	-.387
320	17	-.060	.104	.375	-.429
320	18	-.065	.105	.375	-.444
320	101	-.153	.145	.290	-.801
320	102	-.127	.166	.395	-1.002
320	103	-.109	.122	.242	-.685
320	104	-.137	.125	.264	-.604
320	105	-.160	.133	.245	-.628
320	106	-.038	.164	.637	-.596
320	107	-.091	.177	.900	-1.052
320	108	-.092	.134	.335	-.506
320	109	-.110	.123	.339	-.500
320	110	-.126	.123	.293	-.578
320	111	-.105	.142	.339	-.691
320	112	-.129	.137	.285	-.737
320	113	-.134	.142	.305	-.627
320	114	-.141	.148	.328	-.812
320	115	-.126	.144	.487	-.584
320	116	-.131	.165	.671	-.737
320	117	-.025	.164	.708	-.622
320	118	-.086	.160	.591	-.704

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	119	-.062	.185	.941	-1.359
320	120	-.094	.119	.285	-.564
320	121	-.097	.119	.268	-.559
320	122	-.112	.121	.251	-.563
320	123	-.113	.127	.334	-.565
320	124	-.123	.125	.319	-.573
320	125	-.125	.129	.341	-.559
320	126	-.117	.135	.344	-.569
320	127	-.082	.137	.352	-.554
320	128	-.057	.136	.684	-.537
320	129	-.035	.146	.749	-.581
320	130	-.036	.172	.849	-1.194
320	131	-.082	.128	.377	-.583
320	132	-.015	.144	.564	-.504
320	133	-.082	.126	.350	-.606
320	134	-.086	.126	.361	-.587
320	135	-.090	.122	.396	-.509
320	136	-.099	.120	.388	-.517
320	137	-.107	.122	.349	-.543
320	138	-.104	.124	.384	-.608
320	139	-.096	.132	.339	-.571
320	140	-.023	.138	.545	-.487
320	141	-.026	.138	.682	-.489
320	142	-.017	.139	.660	-.495
320	143	-.101	.143	.362	-.752
320	144	-.084	.130	.300	-.487
320	145	-.084	.140	.629	-.569
320	146	-.096	.142	.462	-.818
320	147	-.094	.118	.297	-.522
320	148	-.080	.130	.361	-.526
320	149	-.004	.151	.557	-.522
320	150	-.066	.126	.428	-.541
320	151	-.006	.139	.541	-.506
320	152	-.074	.125	.414	-.533
320	153	-.003	.155	.616	-.488
320	154	-.057	.144	.436	-.610
320	155	.022	.161	.757	-.430
320	156	-.011	.158	.656	-.505
320	157	-.123	.124	.253	-.555
320	158	-.111	.116	.254	-.512
320	159	-.148	.137	.270	-.719
320	160	-.202	.152	.278	-.927
320	161	-.011	.154	.959	-.471
320	162	-.085	.125	.404	-.450
320	163	-.081	.126	.395	-.437
320	164	-.041	.134	.456	-.466
320	165	-.035	.158	.635	-.648
320	166	-.106	.127	.272	-.599
320	167	-.108	.127	.296	-.597
320	168	-.106	.128	.274	-.602
320	169	-.115	.121	.364	-.552
320	170	-.112	.121	.356	-.641
320	171	-.096	.127	.396	-.656
320	172	-.127	.121	.300	-.625
320	173	-.146	.127	.252	-.549
320	174	-.151	.129	.252	-.613
320	175	-.194	.140	.272	-.699
320	176	-.108	.131	.351	-.526
320	177	-.080	.129	.429	-.535
320	178	-.026	.132	.483	-.470
320	179	-.028	.135	.468	-.502
320	180	-.107	.125	.444	-.539
320	181	-.103	.121	.333	-.527
320	182	-.088	.120	.299	-.500
320	183	-.114	.123	.419	-.572
320	184	-.127	.128	.339	-.559
320	185	-.096	.126	.350	-.544
320	186	-.089	.127	.314	-.465
320	187	-.122	.127	.278	-.578
320	188	-.120	.125	.283	-.512
320	189	-.138	.116	.390	-.641
320	190	-.136	.117	.406	-.573
320	191	-.157	.123	.442	-.588
320	192	-.181	.130	.292	-.755
320	193	-.099	.121	.480	-.492
320	194	-.155	.143	.330	-.768
320	195	-.023	.127	.446	-.437
320	196	-.015	.133	.495	-.421
320	197	-.100	.118	.282	-.575
320	198	-.100	.117	.262	-.573
320	199	-.079	.120	.313	-.552
320	200	-.085	.120	.311	-.566
320	201	-.105	.125	.308	-.457
320	202	-.119	.125	.312	-.476
320	203	-.099	.129	.342	-.465
320	204	-.120	.124	.286	-.556
320	205	-.118	.129	.325	-.615
320	206	-.120	.128	.311	-.620
320	207	-.142	.131	.364	-.661
320	208	-.007	.147	.763	-.585
320	209	-.072	.128	.307	-.524
320	210	-.052	.138	.498	-.486
320	211	-.081	.135	.336	-.514
320	212	-.128	.144	.312	-.805
320	213	-.014	.140	.498	-.451
320	214	-.068	.124	.426	-.533
320	215	-.017	.163	.707	-.890
320	301	-.012	.188	.923	-.539
320	302	-.054	.168	.665	-.694
320	303	-.130	.098	.167	-.474
320	304	.011	.191	.935	-.576
320	305	-.043	.168	.781	-.666
320	306	-.115	.127	.307	-.553
320	307	.031	.194	1.061	-.548
320	308	-.063	.153	.875	-.754
320	309	-.155	.165	.428	-.986
320	310	-.127	.149	.381	-.817
320	311	-.188	.190	.401	-1.478
320	312	-.096	.161	.516	-.949
320	313	.025	.179	1.187	-.565
320	314	-.140	.156	.320	-1.001
320	315	-.094	.126	.344	-.609
320	316	-.120	.126	.283	-.739
320	317	-.177	.160	.225	-1.146
320	318	-.158	.140	.241	-.920
320	319	-.027	.166	.842	-.638
320	320	-.043	.153	.727	-.701
320	321	-.081	.142	.446	-.743
320	322	-.124	.122	.426	-.797
320	323	-.173	.148	.371	-1.249
320	324	-.156	.138	.265	-1.076
320	325	-.021	.145	.869	-.532
320	326	-.015	.150	.572	-.546
320	327	-.048	.134	.485	-.619
320	328	.045	.175	1.049	-.405
320	329	-.072	.142	.458	-.724
320	330	-.072	.126	.406	-.464
320	331	-.104	.133	.335	-.556
320	332	-.177	.148	.281	-1.189
320	333	-.148	.136	.255	-1.013
320	334	.046	.171	1.122	-.392
320	335	-.027	.139	.552	-.474
320	336	-.004	.135	.568	-.390
320	337	.022	.152	.729	-.482
320	338	-.045	.140	.664	-.505
320	339	-.040	.134	.558	-.505
320	340	-.032	.128	.457	-.464
320	341	-.017	.133	.460	-.447
320	342	-.018	.139	.664	-.486
320	343	-.021	.140	.672	-.447
320	344	-.037	.133	.640	-.590
320	345	-.031	.134	.707	-.460
320	346	-.060	.126	.501	-.491
320	347	-.044	.126	.804	-.450
320	348	-.062	.119	.463	-.540
320	349	-.097	.112	.297	-.520
320	350	-.133	.129	.267	-.711
320	351	-.119	.126	.313	-.681
320	352	-.058	.127	.475	-.489
320	353	-.019	.131	.542	-.468

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	354	-.020	.138	.622	-.476
320	355	-.013	.138	.573	-.446
320	356	-.039	.123	.515	-.471
320	357	-.038	.121	.526	-.455
320	358	-.056	.116	.367	-.476
320	359	-.048	.119	.392	-.467
320	360	-.037	.129	.463	-.426
320	361	-.051	.122	.425	-.428
320	362	-.092	.122	.422	-.511
320	363	-.053	.120	.447	-.438
320	364	-.099	.116	.371	-.516
320	365	.004	.143	.749	-.494
320	366	.009	.152	.799	-.447
320	367	-.012	.145	.623	-.710
320	368	-.064	.132	.569	-.468
320	369	-.109	.133	.353	-.597
320	370	-.114	.123	.273	-.601
320	371	-.075	.126	.335	-.497
320	372	-.038	.127	.404	-.462
320	373	-.030	.129	.492	-.417
320	374	-.103	.118	.337	-.449
320	375	-.099	.115	.329	-.479
320	376	-.105	.127	.298	-.477
320	377	-.104	.124	.280	-.488
320	401	-.182	.140	.346	-.809
320	402	-.118	.112	.244	-.447
320	403	-.149	.117	.266	-.599
320	404	-.125	.112	.261	-.532
320	405	-.126	.112	.266	-.514
320	406	-.119	.114	.268	-.512
320	407	-.127	.122	.301	-.561
320	408	-.115	.121	.313	-.561
320	409	-.200	.171	.260	-1.210
320	410	-.167	.150	.291	-1.170
320	411	-.030	.115	.419	-.420
320	412	-.145	.115	.257	-.574
320	413	-.121	.113	.267	-.621
320	414	-.140	.114	.249	-.586
320	415	-.123	.112	.302	-.521
320	416	-.109	.115	.258	-.473
320	417	-.102	.115	.278	-.458
320	418	-.094	.117	.336	-.446
320	419	-.099	.117	.307	-.465
320	420	-.086	.114	.267	-.466
320	421	-.118	.114	.252	-.506
320	422	-.097	.114	.264	-.467
320	423	-.111	.115	.252	-.481
320	424	-.090	.118	.299	-.469
320	425	-.090	.115	.281	-.445
320	426	-.091	.115	.294	-.459

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	427	-.189	.136	.241	-.655
320	428	-.148	.127	.285	-.761
320	429	-.129	.117	.269	-.488
320	430	-.132	.119	.278	-.509
320	431	-.125	.117	.267	-.497
320	432	-.102	.111	.274	-.494
320	433	-.097	.110	.270	-.488
320	434	-.096	.111	.298	-.514
320	435	-.080	.112	.292	-.472
320	436	-.062	.113	.337	-.448
320	437	-.054	.112	.336	-.431
320	438	-.115	.117	.339	-.521
320	439	-.099	.114	.320	-.456
320	440	-.087	.117	.320	-.496
320	441	-.079	.113	.325	-.491
320	442	-.081	.115	.316	-.493
320	443	-.095	.117	.307	-.503
320	444	-.162	.130	.236	-.626
320	445	-.078	.113	.379	-.471
320	446	-.149	.128	.248	-.693
320	447	-.128	.121	.262	-.563
320	448	-.094	.111	.328	-.461
320	449	-.087	.109	.335	-.457
320	450	-.080	.108	.320	-.444
320	451	-.091	.113	.316	-.447
320	452	-.100	.120	.363	-.499
320	453	-.072	.122	.378	-.478
320	454	-.078	.115	.374	-.449
320	455	-.067	.117	.392	-.448
320	456	-.065	.113	.320	-.450
320	457	-.087	.112	.305	-.523
320	458	-.080	.111	.285	-.486
320	459	-.088	.111	.268	-.502
320	460	-.083	.110	.346	-.448
320	461	-.076	.108	.329	-.435
320	462	-.082	.109	.319	-.451
320	463	-.116	.104	.273	-.480
320	464	-.099	.104	.207	-.421
320	465	-.072	.107	.279	-.423
320	466	-.118	.114	.269	-.631
320	467	-.107	.110	.222	-.459
320	468	-.099	.105	.290	-.488
320	469	-.083	.104	.281	-.445
320	470	-.072	.101	.306	-.438
320	471	-.089	.105	.287	-.478
320	472	-.098	.108	.288	-.488
320	473	-.093	.105	.289	-.465
320	474	-.091	.107	.297	-.476
320	475	-.081	.108	.314	-.499
320	476	-.082	.113	.298	-.466

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	477	-.095	.112	.324	-.474
320	478	-.083	.112	.358	-.456
320	479	-.086	.113	.354	-.454
320	480	-.099	.116	.292	-.530
320	481	-.081	.114	.335	-.455
320	482	-.119	.124	.295	-.553
320	483	-.113	.120	.280	-.556
320	484	-.104	.128	.358	-.605
320	485	-.092	.125	.379	-.570
320	486	-.091	.126	.378	-.584
320	487	-.103	.128	.362	-.611
320	488	-.106	.129	.302	-.544
320	489	-.109	.127	.291	-.549
320	490	-.095	.128	.286	-.518
320	491	-.096	.128	.283	-.510
320	492	-.088	.117	.358	-.444
320	493	-.088	.118	.352	-.498
320	494	-.081	.119	.343	-.481
320	495	-.081	.118	.343	-.475
320	496	-.077	.124	.348	-.531
320	501	-.121	.122	.327	-.537
320	502	-.142	.126	.322	-.641
320	503	-.159	.130	.343	-.796
320	504	-.133	.123	.218	-.592
320	505	-.113	.123	.284	-.587
320	506	-.108	.123	.270	-.556
320	507	-.144	.131	.235	-.599
320	508	-.103	.122	.295	-.460
320	509	-.160	.129	.251	-.610
320	510	-.095	.120	.298	-.466
320	511	-.086	.121	.319	-.475
320	512	-.094	.126	.350	-.574
320	513	-.108	.124	.341	-.567
320	514	-.104	.124	.333	-.572
320	515	-.092	.126	.357	-.580
320	516	-.082	.119	.321	-.478
320	517	-.138	.131	.352	-.621
320	518	-.079	.116	.307	-.463
320	519	-.079	.116	.324	-.456
320	520	-.092	.129	.347	-.467
320	521	-.088	.127	.337	-.470
320	522	-.082	.127	.351	-.479
320	523	-.078	.128	.357	-.470
320	524	-.084	.125	.287	-.501
320	525	-.094	.124	.283	-.499
320	526	-.078	.122	.301	-.499
320	527	-.081	.122	.278	-.459
320	528	-.086	.123	.354	-.446
320	529	-.088	.120	.350	-.445
320	530	-.078	.121	.352	-.429

APPENDIX A -- PRESSURE DATA: CONFIGURATION A : HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	531	-.076	.122	.365	-.456
320	532	-.072	.124	.403	-.531
320	533	-.097	.118	.291	-.492
320	534	-.087	.122	.355	-.519
320	535	-.074	.123	.378	-.493
320	536	-.075	.123	.399	-.505
320	537	-.079	.125	.372	-.520
320	538	-.092	.123	.317	-.514
320	539	-.083	.124	.328	-.488
320	540	-.078	.125	.361	-.526
320	541	-.072	.135	.381	-.597
320	542	-.086	.133	.369	-.618
320	543	-.084	.134	.373	-.613
320	544	-.084	.134	.377	-.615
320	545	-.095	.115	.296	-.489
320	546	-.075	.117	.365	-.477
320	547	-.093	.127	.273	-.547
320	548	-.081	.128	.288	-.518
320	549	-.078	.129	.294	-.502
320	550	-.073	.116	.370	-.458
320	551	-.087	.115	.307	-.463
320	552	-.078	.117	.324	-.455
320	553	-.077	.117	.326	-.459
320	554	-.084	.121	.329	-.534
320	555	-.096	.119	.279	-.541
320	556	-.098	.120	.295	-.554
320	557	-.097	.121	.300	-.551
320	558	-.100	.116	.286	-.478
320	559	-.083	.123	.358	-.484
320	560	-.080	.111	.341	-.442
320	561	-.096	.125	.348	-.494
320	562	-.098	.125	.343	-.505
320	563	-.067	.117	.360	-.464
320	564	-.074	.121	.419	-.468
320	565	-.065	.119	.398	-.450
320	566	-.066	.119	.410	-.457
320	567	-.070	.120	.423	-.461
320	568	-.077	.122	.322	-.503
320	569	-.074	.120	.314	-.503
320	570	-.074	.120	.313	-.497
320	571	-.074	.121	.326	-.499
320	572	-.078	.121	.380	-.538
320	573	-.089	.119	.363	-.523
320	574	-.083	.119	.383	-.516
320	575	-.076	.119	.379	-.510
320	576	-.101	.124	.292	-.491
320	577	-.082	.127	.298	-.558
320	578	-.085	.127	.276	-.532
320	579	-.096	.129	.311	-.572
320	580	-.041	.141	.438	-.476
320	581	-.103	.128	.335	-.563
320	582	-.054	.127	.398	-.478
320	583	-.042	.134	.455	-.490
320	584	-.087	.131	.344	-.589
320	585	-.089	.127	.300	-.525
320	586	-.094	.124	.355	-.487
320	901	-.083	.105	.349	-.465
320	902	-.109	.108	.334	-.552
320	903	-.059	.119	.334	-.446
320	904	-.106	.106	.258	-.441
320	905	-.112	.112	.250	-.547
320	906	-.069	.112	.405	-.455
320	907	-.098	.114	.299	-.531
320	908	-.079	.108	.294	-.412
320	909	-.086	.087	.157	-.340
320	910	-.095	.113	.312	-.457
320	911	-.134	.108	.253	-.521
320	912	-.112	.113	.377	-.583
320	913	-.056	.124	.419	-.527
320	914	-.125	.147	.521	-.804
320	915	-.075	.119	.272	-.423
320	916	-.081	.138	.526	-.538
320	917	.036	.184	1.060	-.435
320	918	-.077	.118	.267	-.424
320	919	-.096	.107	.296	-.509
320	920	-.163	.115	.259	-.586
320	921	-.066	.102	.348	-.472
320	922	-.069	.103	.356	-.490
320	923	-.081	.109	.312	-.415
320	924	-.075	.107	.306	-.415
320	925	-.092	.108	.266	-.445
320	926	-.086	.115	.373	-.429
320	927	-.084	.138	.532	-.702
320	928	-.022	.139	.538	-.548
320	929	-.005	.162	.956	-.647
320	930	.021	.133	.629	-.395
320	931	-.072	.108	.314	-.478
320	932	-.073	.107	.300	-.470
320	933	-.084	.107	.310	-.493
320	935	-.087	.116	.301	-.469
320	936	-.142	.170	.466	-.874
320	937	-.015	.130	.488	-.609
320	938	-.071	.111	.331	-.452
320	939	-.091	.102	.272	-.492
320	940	-.097	.103	.267	-.488
320	941	-.099	.107	.278	-.469
320	942	-.175	.158	.318	-1.026
320	943	-.073	.110	.262	-.502
320	944	-.084	.110	.301	-.479
320	945	-.096	.112	.283	-.544
320	946	-.094	.114	.318	-.531
320	947	-.184	.163	.337	-.941
320	948	-.061	.105	.298	-.417
320	949	-.090	.107	.276	-.466
320	950	-.089	.110	.266	-.513
320	951	-.086	.110	.286	-.428
320	952	-.063	.140	.440	-.951
320	953	-.061	.107	.288	-.431
320	954	-.083	.108	.285	-.487
320	955	-.099	.110	.294	-.475
320	956	-.092	.108	.268	-.486
320	957	-.078	.134	.524	-.574
320	958	-.093	.118	.362	-.487
320	959	-.058	.131	.481	-.445
320	960	-.083	.108	.313	-.467
320	961	-.043	.129	.434	-.414
320	962	-.128	.121	.318	-.498
320	963	-.099	.121	.305	-.523
320	964	-.113	.118	.284	-.525
320	965	-.085	.125	.320	-.490
320	966	-.091	.129	.307	-.566
320	967	-.111	.129	.321	-.578
320	968	-.138	.135	.309	-.575
320	969	-.066	.144	.462	-.549
320	970	-.096	.122	.265	-.534
320	971	-.115	.120	.255	-.559
320	972	-.129	.125	.267	-.580
320	973	-.089	.127	.305	-.522
320	974	-.121	.141	.337	-.757
320	975	-.054	.133	.484	-.509
320	976	-.076	.135	.516	-.588
320	977	-.099	.132	.453	-.531
320	978	-.091	.111	.332	-.468
320	979	-.108	.128	.306	-.553
320	980	-.110	.125	.291	-.535
320	981	-.107	.128	.318	-.555
320	982	-.114	.130	.292	-.557
320	983	-.124	.137	.399	-.569
320	984	-.148	.143	.351	-.819
320	985	-.101	.124	.304	-.473
320	986	-.010	.133	.524	-.485
330	1	-.151	.128	.251	-.601
330	2	-.096	.118	.284	-.491
330	3	-.162	.127	.245	-.584
330	4	-.076	.139	.362	-.562
330	5	-.168	.157	.431	-.783
330	6	-.167	.147	.312	-.876
330	7	-.137	.130	.301	-.643
330	8	-.013	.135	.647	-.549
330	9	-.092	.114	.367	-.525

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	10	-.095	.114	.357	-.527
330	11	-.073	.112	.380	-.472
330	12	-.168	.119	.270	-.634
330	13	-.202	.126	.174	-.754
330	14	-.018	.120	.406	-.506
330	15	-.088	.104	.243	-.468
330	16	-.087	.104	.247	-.442
330	17	-.075	.104	.245	-.461
330	18	-.083	.103	.248	-.470
330	101	-.169	.144	.343	-.708
330	102	-.129	.159	.451	-.721
330	103	-.130	.138	.332	-.619
330	104	-.152	.138	.328	-.642
330	105	-.180	.147	.325	-.663
330	106	-.044	.178	.756	-.656
330	107	-.108	.174	.599	-.844
330	108	-.105	.126	.289	-.545
330	109	-.134	.127	.305	-.554
330	110	-.143	.126	.333	-.560
330	111	-.114	.129	.278	-.630
330	112	-.141	.125	.211	-.642
330	113	-.143	.130	.258	-.642
330	114	-.144	.135	.229	-.649
330	115	-.150	.135	.344	-.637
330	116	-.158	.151	.458	-.738
330	117	-.035	.160	.763	-.685
330	118	-.093	.154	.456	-.671
330	119	-.062	.192	.833	-1.113
330	120	-.105	.123	.356	-.492
330	121	-.114	.125	.360	-.511
330	122	-.123	.127	.325	-.535
330	123	-.131	.113	.278	-.524
330	124	-.142	.111	.240	-.534
330	125	-.142	.114	.240	-.557
330	126	-.127	.117	.293	-.523
330	127	-.080	.139	.517	-.787
330	128	-.054	.143	.687	-.679
330	129	-.012	.156	.782	-.617
330	130	-.003	.179	.731	-.840
330	131	-.099	.137	.370	-.550
330	132	.009	.167	.666	-.812
330	133	-.097	.136	.372	-.564
330	134	-.103	.136	.380	-.559
330	135	-.114	.120	.378	-.514
330	136	-.127	.119	.368	-.542
330	137	-.128	.121	.373	-.548
330	138	-.121	.123	.386	-.498
330	139	-.104	.129	.391	-.597
330	140	-.013	.136	.479	-.471
330	141	-.015	.136	.538	-.509
330	142	.006	.135	.541	-.522
330	143	-.124	.140	.355	-.719
330	144	-.101	.125	.293	-.522
330	145	-.095	.137	.478	-.569
330	146	-.113	.140	.407	-.704
330	147	-.109	.112	.291	-.562
330	148	-.089	.117	.433	-.512
330	149	.018	.151	.592	-.630
330	150	-.082	.127	.499	-.500
330	151	-.026	.136	.600	-.653
330	152	-.097	.126	.490	-.510
330	153	.006	.140	.561	-.550
330	154	-.066	.135	.417	-.879
330	155	.081	.160	.824	-.445
330	156	.055	.164	.827	-.462
330	157	-.112	.115	.249	-.529
330	158	-.091	.108	.248	-.488
330	159	-.143	.126	.253	-.552
330	160	-.186	.134	.329	-.658
330	161	.011	.142	.750	-.436
330	162	-.079	.119	.394	-.442
330	163	-.069	.119	.356	-.464
330	164	-.027	.127	.377	-.496
330	165	-.024	.153	.605	-.935
330	166	-.106	.110	.297	-.499
330	167	-.116	.112	.251	-.517
330	168	-.112	.113	.269	-.501
330	169	-.123	.126	.346	-.500
330	170	-.107	.132	.367	-.512
330	171	-.100	.128	.330	-.521
330	172	-.127	.123	.338	-.525
330	173	-.138	.122	.279	-.679
330	174	-.140	.123	.295	-.617
330	175	-.186	.134	.294	-.746
330	176	-.117	.120	.316	-.632
330	177	-.105	.126	.346	-.604
330	178	-.038	.122	.362	-.499
330	179	-.057	.131	.372	-.665
330	180	-.115	.115	.275	-.551
330	181	-.120	.121	.243	-.524
330	182	-.099	.122	.268	-.497
330	183	-.132	.126	.328	-.579
330	184	-.122	.139	.342	-.562
330	185	-.100	.115	.305	-.489
330	186	-.079	.117	.405	-.485
330	187	-.104	.117	.317	-.514
330	188	-.103	.115	.279	-.507
330	189	-.126	.123	.270	-.553
330	190	-.116	.123	.278	-.549
330	191	-.140	.125	.259	-.557
330	192	-.151	.127	.272	-.613
330	193	-.116	.123	.238	-.634
330	194	-.163	.133	.229	-.684
330	195	-.042	.124	.376	-.454
330	196	-.041	.131	.436	-.579
330	197	-.107	.111	.259	-.497
330	198	-.105	.109	.245	-.482
330	199	-.078	.114	.274	-.490
330	200	-.089	.115	.259	-.503
330	201	-.129	.118	.281	-.556
330	202	-.122	.116	.216	-.563
330	203	-.114	.122	.323	-.554
330	204	-.120	.117	.256	-.537
330	205	-.118	.123	.316	-.508
330	206	-.112	.122	.310	-.563
330	207	-.128	.126	.315	-.615
330	208	-.013	.129	.446	-.425
330	209	-.084	.122	.375	-.561
330	210	-.058	.114	.371	-.535
330	211	-.101	.120	.284	-.546
330	212	-.139	.119	.254	-.569
330	213	-.040	.119	.393	-.545
330	214	-.090	.125	.485	-.498
330	215	-.011	.176	.735	-1.123
330	301	-.016	.173	.735	-.697
330	302	-.052	.152	.737	-.542
330	303	-.128	.087	.149	-.463
330	304	.033	.173	.947	-.557
330	305	-.024	.159	.741	-.607
330	306	-.118	.120	.340	-.552
330	307	.057	.184	1.064	-.695
330	308	-.060	.158	.576	-.707
330	309	-.178	.169	.365	-.991
330	310	-.155	.141	.351	-.870
330	311	-.240	.188	.410	-1.560
330	312	-.104	.174	.777	-.849
330	313	.047	.203	1.052	-.516
330	314	-.189	.168	.494	-1.036
330	315	-.106	.120	.351	-.611
330	316	-.156	.132	.265	-.723
330	317	-.244	.178	.317	-1.172
330	318	-.205	.149	.365	-.909
330	319	-.010	.195	.923	-.893
330	320	.007	.166	.762	-.576
330	321	-.058	.143	.587	-.696
330	322	-.141	.119	.301	-.585
330	323	-.210	.147	.258	-1.100
330	324	-.189	.147	.253	-1.225
330	325	.008	.162	1.002	-.652
330	326	-.002	.148	.722	-.451

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	327	-.044	.138	.888	-.518	330	377	-.108	.114	.279	-.459	330	450	-.098	.122	.424	-.515
330	328	.061	.168	1.276	-.557	330	401	-.210	.130	.218	-.714	330	451	-.101	.125	.443	-.502
330	329	-.065	.144	.513	-.593	330	402	-.130	.102	.198	-.453	330	452	-.116	.117	.382	-.539
330	330	-.078	.118	.479	-.552	330	403	-.162	.130	.292	-.601	330	453	-.108	.114	.376	-.532
330	331	-.139	.123	.292	-.626	330	404	-.134	.126	.311	-.590	330	454	-.094	.114	.397	-.505
330	332	-.193	.138	.164	-.809	330	405	-.131	.126	.336	-.555	330	455	-.080	.114	.397	-.509
330	333	-.168	.136	.239	-.858	330	406	-.129	.128	.335	-.587	330	456	-.080	.122	.410	-.493
330	334	.062	.156	.964	-.395	330	407	-.130	.124	.295	-.545	330	457	-.098	.120	.328	-.507
330	335	-.023	.127	.546	-.419	330	408	-.126	.121	.269	-.541	330	458	-.082	.120	.360	-.483
330	336	-.007	.126	.507	-.426	330	409	-.247	.166	.254	-1.061	330	459	-.083	.120	.366	-.514
330	337	.073	.153	.759	-.336	330	410	-.209	.145	.274	-.784	330	460	-.098	.113	.271	-.500
330	338	.007	.154	.699	-.685	330	411	-.047	.122	.379	-.478	330	461	-.099	.110	.273	-.488
330	339	.009	.141	.656	-.475	330	412	-.170	.132	.279	-.583	330	462	-.094	.111	.297	-.499
330	340	-.044	.124	.460	-.573	330	413	-.142	.128	.298	-.549	330	463	-.115	.105	.223	-.463
330	341	-.011	.132	.547	-.459	330	414	-.155	.128	.293	-.574	330	464	-.107	.105	.382	-.428
330	342	.026	.151	.800	-.411	330	415	-.125	.125	.305	-.542	330	465	-.096	.109	.391	-.421
330	343	.052	.176	1.037	-.556	330	416	-.127	.114	.363	-.531	330	466	-.148	.117	.323	-.555
330	344	-.006	.140	.778	-.491	330	417	-.121	.113	.354	-.490	330	467	-.101	.110	.399	-.442
330	345	.003	.144	.916	-.476	330	418	-.110	.113	.340	-.491	330	468	-.111	.117	.261	-.582
330	346	-.039	.129	.418	-.545	330	419	-.104	.113	.332	-.475	330	469	-.103	.114	.253	-.543
330	347	-.023	.128	.465	-.516	330	420	-.094	.126	.410	-.595	330	470	-.088	.115	.285	-.498
330	348	-.041	.116	.421	-.500	330	421	-.122	.123	.374	-.602	330	471	-.104	.116	.256	-.520
330	349	-.122	.113	.283	-.645	330	422	-.105	.124	.391	-.589	330	472	-.110	.118	.308	-.475
330	350	-.170	.134	.257	-.977	330	423	-.109	.125	.394	-.609	330	473	-.108	.116	.293	-.487
330	351	-.156	.130	.279	-.923	330	424	-.106	.113	.357	-.548	330	474	-.101	.116	.306	-.466
330	352	-.069	.130	.436	-.487	330	425	-.111	.111	.352	-.552	330	475	-.085	.117	.324	-.508
330	353	-.027	.132	.406	-.474	330	426	-.107	.111	.347	-.545	330	476	-.120	.100	.183	-.530
330	354	.007	.142	.530	-.496	330	427	-.230	.137	.211	-.896	330	477	-.124	.100	.186	-.543
330	355	.036	.152	.752	-.475	330	428	-.173	.127	.290	-.660	330	478	-.094	.100	.239	-.495
330	356	.004	.139	.625	-.398	330	429	-.154	.121	.279	-.563	330	479	-.090	.101	.247	-.494
330	357	.003	.136	.597	-.394	330	430	-.149	.122	.285	-.551	330	480	-.110	.117	.320	-.483
330	358	-.022	.123	.489	-.405	330	431	-.129	.118	.302	-.515	330	481	-.088	.114	.332	-.454
330	359	-.014	.128	.529	-.417	330	432	-.121	.113	.292	-.484	330	482	-.145	.130	.281	-.653
330	360	-.019	.124	.487	-.488	330	433	-.122	.112	.306	-.505	330	483	-.122	.121	.297	-.499
330	361	-.051	.117	.388	-.454	330	434	-.115	.113	.293	-.510	330	484	-.134	.126	.302	-.628
330	362	-.128	.129	.291	-.604	330	435	-.087	.112	.320	-.459	330	485	-.112	.122	.281	-.510
330	363	-.068	.118	.285	-.488	330	436	-.080	.113	.355	-.514	330	486	-.110	.122	.292	-.532
330	364	-.152	.137	.294	-.653	330	437	-.077	.112	.337	-.510	330	487	-.109	.123	.313	-.530
330	365	.024	.155	.847	-.522	330	438	-.122	.115	.344	-.532	330	488	-.110	.126	.340	-.495
330	366	.055	.165	.810	-.525	330	439	-.101	.112	.345	-.542	330	489	-.105	.124	.367	-.506
330	367	.018	.165	.923	-.540	330	440	-.098	.109	.295	-.505	330	490	-.102	.125	.380	-.496
330	368	-.066	.125	.422	-.557	330	441	-.097	.106	.290	-.482	330	491	-.100	.125	.385	-.477
330	369	-.117	.117	.439	-.635	330	442	-.094	.108	.310	-.491	330	492	-.102	.125	.328	-.543
330	370	-.108	.112	.284	-.557	330	443	-.098	.109	.317	-.502	330	493	-.094	.117	.305	-.480
330	371	-.088	.129	.404	-.548	330	444	-.213	.135	.206	-.844	330	494	-.094	.118	.303	-.478
330	372	-.020	.129	.460	-.472	330	445	-.097	.112	.304	-.504	330	495	-.091	.118	.303	-.482
330	373	-.016	.131	.500	-.441	330	446	-.188	.129	.224	-.694	330	496	-.094	.122	.407	-.470
330	374	-.103	.125	.330	-.549	330	447	-.149	.122	.244	-.573	330	501	-.129	.123	.353	-.572
330	375	-.102	.122	.325	-.533	330	448	-.115	.123	.401	-.543	330	502	-.148	.129	.367	-.599
330	376	-.108	.115	.268	-.465	330	449	-.114	.120	.401	-.524	330	503	-.168	.136	.333	-.643

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	504	-.123	.118	.312	-.573
330	505	-.110	.117	.338	-.513
330	506	-.107	.119	.358	-.517
330	507	-.130	.126	.344	-.562
330	508	-.123	.129	.334	-.547
330	509	-.176	.131	.235	-.685
330	510	-.111	.127	.340	-.523
330	511	-.105	.128	.365	-.527
330	512	-.105	.130	.338	-.498
330	513	-.109	.128	.354	-.518
330	514	-.112	.129	.334	-.529
330	515	-.100	.129	.340	-.505
330	516	-.103	.120	.340	-.462
330	517	-.162	.131	.280	-.786
330	518	-.098	.118	.358	-.462
330	519	-.097	.119	.368	-.494
330	520	-.115	.118	.315	-.525
330	521	-.107	.113	.331	-.487
330	522	-.104	.113	.336	-.499
330	523	-.097	.113	.336	-.492
330	524	-.101	.119	.235	-.595
330	525	-.104	.118	.227	-.603
330	526	-.096	.116	.258	-.569
330	527	-.095	.116	.272	-.584
330	528	-.095	.111	.306	-.495
330	529	-.092	.110	.297	-.485
330	530	-.088	.110	.307	-.478
330	531	-.086	.110	.319	-.483
330	532	-.098	.122	.329	-.490
330	533	-.115	.117	.342	-.543
330	534	-.102	.120	.308	-.526
330	535	-.099	.120	.316	-.514
330	536	-.095	.121	.327	-.507
330	537	-.091	.124	.335	-.503
330	538	-.100	.123	.328	-.533
330	539	-.093	.124	.333	-.507
330	540	-.088	.125	.341	-.486
330	541	-.093	.113	.323	-.585
330	542	-.102	.113	.303	-.585
330	543	-.104	.115	.309	-.584
330	544	-.103	.114	.321	-.584
330	545	-.109	.110	.290	-.576
330	546	-.097	.119	.290	-.481
330	547	-.111	.126	.317	-.554
330	548	-.101	.130	.368	-.547
330	549	-.095	.131	.456	-.552
330	550	-.105	.118	.294	-.490
330	551	-.091	.119	.335	-.544
330	552	-.085	.120	.353	-.545
330	553	-.084	.120	.351	-.549
330	554	-.097	.124	.302	-.525
330	555	-.105	.123	.323	-.523
330	556	-.110	.124	.316	-.542
330	557	-.111	.124	.303	-.562
330	558	-.111	.119	.290	-.541
330	559	-.097	.125	.321	-.504
330	560	-.111	.115	.248	-.497
330	561	-.110	.125	.295	-.508
330	562	-.111	.125	.321	-.514
330	563	-.091	.117	.280	-.493
330	564	-.088	.127	.367	-.518
330	565	-.096	.125	.358	-.503
330	566	-.090	.126	.364	-.513
330	567	-.090	.126	.365	-.498
330	568	-.089	.126	.329	-.490
330	569	-.103	.125	.298	-.493
330	570	-.093	.126	.322	-.495
330	571	-.088	.126	.321	-.504
330	572	-.098	.124	.320	-.486
330	573	-.134	.124	.307	-.552
330	574	-.114	.123	.314	-.518
330	575	-.098	.123	.330	-.495
330	576	-.113	.124	.357	-.578
330	577	-.098	.128	.353	-.612
330	578	-.084	.127	.332	-.564
330	579	-.091	.129	.348	-.602
330	580	-.064	.146	.549	-.489
330	581	-.138	.129	.328	-.610
330	582	-.080	.130	.419	-.474
330	583	-.062	.138	.499	-.485
330	584	-.111	.128	.332	-.550
330	585	-.131	.122	.256	-.531
330	586	-.109	.127	.389	-.578
330	901	-.103	.105	.219	-.504
330	902	-.126	.106	.213	-.527
330	903	-.060	.127	.450	-.470
330	904	-.108	.110	.318	-.484
330	905	-.122	.117	.306	-.507
330	906	-.076	.117	.335	-.493
330	907	-.118	.123	.326	-.553
330	908	-.101	.108	.324	-.422
330	909	-.113	.088	.198	-.401
330	910	-.118	.114	.279	-.435
330	911	-.139	.124	.301	-.576
330	912	-.116	.131	.417	-.535
330	913	-.047	.138	.549	-.493
330	914	-.132	.176	.649	-1.169
330	915	-.100	.108	.273	-.514
330	916	-.092	.137	.450	-.651
330	917	.071	.185	1.131	-.487
330	918	-.103	.108	.271	-.515
330	919	-.113	.115	.288	-.517
330	920	-.179	.125	.223	-.636
330	921	-.079	.114	.285	-.453
330	922	-.082	.115	.297	-.449
330	923	-.095	.117	.385	-.514
330	924	-.091	.115	.395	-.495
330	925	-.103	.116	.395	-.544
330	926	-.095	.121	.341	-.536
330	927	-.087	.140	.388	-.746
330	928	-.031	.141	.746	-.836
330	929	-.004	.171	.739	-.654
330	930	.047	.151	.859	-.591
330	931	-.084	.113	.300	-.494
330	932	-.088	.111	.295	-.470
330	933	-.097	.112	.290	-.475
330	935	-.109	.112	.276	-.566
330	936	-.196	.181	.364	-1.239
330	937	-.003	.149	.591	-.771
330	938	-.095	.108	.315	-.511
330	939	-.102	.115	.271	-.467
330	940	-.112	.114	.228	-.490
330	941	-.107	.116	.255	-.521
330	942	-.210	.172	.306	-1.100
330	943	-.093	.114	.413	-.525
330	944	-.113	.114	.409	-.513
330	945	-.121	.116	.424	-.538
330	946	-.113	.119	.467	-.533
330	947	-.221	.160	.288	-1.239
330	948	-.078	.107	.276	-.465
330	949	-.103	.110	.275	-.487
330	950	-.110	.110	.212	-.470
330	951	-.099	.109	.255	-.476
330	952	-.078	.143	.487	-.946
330	953	-.081	.107	.293	-.437
330	954	-.111	.109	.276	-.487
330	955	-.106	.111	.292	-.485
330	956	-.089	.109	.262	-.467
330	957	-.091	.144	.443	-.600
330	958	-.132	.129	.322	-.515
330	959	-.071	.148	.481	-.691
330	960	-.095	.108	.322	-.519
330	961	-.039	.138	.448	-.553
330	962	-.149	.125	.270	-.577
330	963	-.108	.121	.311	-.531
330	964	-.119	.119	.269	-.567
330	965	-.096	.124	.317	-.603
330	966	-.101	.120	.253	-.555
330	967	-.122	.120	.220	-.557
330	968	-.101	.125	.231	-.602

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	969	-.063	.128	.377	-.504
330	970	-.108	.124	.278	-.514
330	971	-.130	.124	.246	-.539
330	972	-.153	.128	.251	-.592
330	973	-.083	.125	.392	-.588
330	974	-.140	.135	.320	-.772
330	975	-.051	.127	.451	-.502
330	976	-.071	.130	.447	-.553
330	977	-.113	.123	.328	-.560
330	978	-.103	.109	.359	-.470
330	979	-.128	.120	.329	-.564
330	980	-.138	.117	.330	-.566
330	981	-.140	.119	.301	-.560
330	982	-.142	.120	.288	-.591
330	983	-.137	.129	.338	-.555
330	984	-.167	.144	.272	-.749
330	985	-.125	.126	.328	-.567
330	986	.004	.143	.590	-.518
340	1	-.198	.129	.241	-.715
340	2	-.058	.125	.550	-.451
340	3	-.186	.119	.228	-.780
340	4	-.122	.125	.364	-.583
340	5	-.193	.152	.259	-.844
340	6	-.169	.143	.251	-.940
340	7	-.144	.124	.246	-.767
340	8	-.021	.136	.690	-.400
340	9	-.098	.110	.376	-.485
340	10	-.094	.108	.376	-.499
340	11	-.092	.109	.372	-.494
340	12	-.171	.122	.304	-.592
340	13	-.173	.131	.242	-.671
340	14	-.055	.136	.560	-.541
340	15	-.093	.112	.306	-.516
340	16	-.096	.112	.292	-.521
340	17	-.089	.110	.294	-.478
340	18	-.095	.109	.293	-.465
340	101	-.179	.138	.370	-.685
340	102	-.154	.157	.388	-.726
340	103	-.144	.134	.291	-.555
340	104	-.178	.136	.243	-.741
340	105	-.183	.142	.474	-.622
340	106	-.052	.161	.772	-.569
340	107	-.114	.171	.572	-.833
340	108	-.117	.122	.283	-.579
340	109	-.149	.120	.274	-.539
340	110	-.162	.120	.223	-.614
340	111	-.130	.130	.308	-.641
340	112	-.173	.124	.235	-.685
340	113	-.159	.128	.240	-.663
340	114	-.165	.130	.353	-.638
340	115	-.155	.128	.268	-.638
340	116	-.184	.151	.310	-.892
340	117	-.040	.160	.601	-.662
340	118	-.111	.151	.493	-.723
340	119	-.063	.205	.957	-1.451
340	120	-.133	.111	.285	-.484
340	121	-.132	.111	.284	-.461
340	122	-.143	.114	.308	-.502
340	123	-.144	.126	.278	-.572
340	124	-.159	.130	.316	-.676
340	125	-.141	.135	.305	-.582
340	126	-.135	.136	.305	-.610
340	127	-.090	.142	.654	-.608
340	128	-.065	.145	.578	-.560
340	129	.003	.160	.729	-.501
340	130	.096	.198	.851	-1.166
340	131	-.108	.119	.272	-.630
340	132	.000	.168	.638	-.910
340	133	-.110	.118	.263	-.635
340	134	-.116	.119	.239	-.636
340	135	-.127	.126	.262	-.581
340	136	-.156	.126	.234	-.611
340	137	-.134	.130	.258	-.588
340	138	-.119	.132	.316	-.594
340	139	-.098	.134	.455	-.624
340	140	-.031	.143	.637	-.525
340	141	-.019	.145	.702	-.514
340	142	.005	.145	.586	-.502
340	143	-.158	.141	.250	-.748
340	144	-.113	.122	.270	-.515
340	145	-.089	.139	.442	-.733
340	146	-.127	.144	.334	-.770
340	147	-.121	.122	.308	-.536
340	148	-.106	.130	.307	-.630
340	149	.030	.158	.773	-.615
340	150	-.097	.117	.382	-.454
340	151	-.045	.138	.519	-.768
340	152	-.107	.116	.354	-.457
340	153	-.011	.150	.643	-.594
340	154	-.110	.172	.598	-.946
340	155	.145	.185	.976	-.444
340	156	.114	.196	1.021	-.533
340	157	-.104	.133	.457	-.709
340	158	-.085	.122	.349	-.497
340	159	-.150	.144	.273	-.822
340	160	-.192	.154	.276	-.879
340	161	.022	.159	.758	-.496
340	162	-.116	.133	.391	-.657
340	163	-.087	.130	.390	-.589
340	164	-.036	.145	.532	-.631
340	165	.005	.206	.734	-1.582
340	166	-.134	.123	.278	-.543
340	167	-.140	.123	.223	-.533
340	168	-.144	.130	.344	-.563
340	169	-.098	.143	.587	-.589
340	170	-.063	.156	.675	-.617
340	171	-.077	.133	.422	-.600
340	172	-.088	.135	.419	-.614
340	173	-.114	.138	.414	-.629
340	174	-.134	.135	.285	-.640
340	175	-.147	.140	.319	-.598
340	176	-.140	.129	.267	-.626
340	177	-.139	.135	.274	-.603
340	178	-.071	.135	.474	-.566
340	179	-.096	.152	.455	-.727
340	180	-.134	.127	.306	-.530
340	181	-.137	.118	.231	-.709
340	182	-.086	.128	.386	-.543
340	183	-.079	.149	.313	-.556
340	184	-.032	.162	.596	-.594
340	185	-.093	.132	.340	-.505
340	186	-.056	.139	.392	-.511
340	187	-.069	.145	.452	-.685
340	188	-.064	.142	.563	-.519
340	189	-.081	.142	.555	-.640
340	190	-.081	.134	.444	-.604
340	191	-.119	.132	.375	-.633
340	192	-.140	.132	.377	-.685
340	193	-.142	.121	.322	-.608
340	194	-.167	.123	.294	-.598
340	195	-.054	.126	.339	-.471
340	196	-.071	.139	.371	-.572
340	197	-.132	.117	.277	-.502
340	198	-.136	.115	.275	-.532
340	199	-.089	.133	.504	-.518
340	200	-.107	.127	.475	-.505
340	201	-.120	.127	.317	-.551
340	202	-.128	.134	.556	-.566
340	203	-.117	.130	.472	-.529
340	204	-.114	.127	.343	-.529
340	205	-.124	.126	.274	-.548
340	206	-.117	.120	.275	-.521
340	207	-.116	.122	.458	-.539
340	208	-.010	.138	.763	-.402
340	209	-.093	.128	.336	-.579
340	210	-.059	.137	.595	-.532
340	211	-.142	.150	.332	-.937
340	212	-.166	.141	.324	-.684
340	213	-.046	.134	.496	-.527
340	214	-.103	.115	.370	-.463

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	215	.001	.190	.800	-1.106
340	301	-.021	.168	.853	-.627
340	302	-.059	.154	.756	-.580
340	303	-.146	.093	.165	-.460
340	304	.021	.181	.838	-.867
340	305	-.024	.169	.723	-.569
340	306	-.125	.129	.302	-.519
340	307	.059	.190	.945	-.524
340	308	-.069	.181	.760	-.672
340	309	-.231	.208	.519	-1.495
340	310	-.178	.165	.348	-1.027
340	311	-.264	.224	.346	-2.452
340	312	-.114	.194	.591	-1.277
340	313	.083	.213	1.168	-.659
340	314	-.200	.158	.317	-.795
340	315	-.134	.135	.305	-.641
340	316	-.181	.151	.301	-.912
340	317	-.267	.187	.250	-1.489
340	318	-.240	.163	.202	-1.125
340	319	.027	.207	1.026	-.665
340	320	.024	.200	.756	-.647
340	321	-.064	.174	.583	-.662
340	322	-.174	.137	.275	-.629
340	323	-.247	.164	.293	-1.145
340	324	-.232	.148	.187	-1.019
340	325	-.030	.188	.918	-.655
340	326	-.000	.145	.546	-.541
340	327	-.037	.139	.745	-.520
340	328	.080	.165	.829	-.464
340	329	-.051	.161	.576	-.838
340	330	-.092	.118	.288	-.548
340	331	-.161	.124	.216	-.675
340	332	-.232	.133	.165	-.869
340	333	-.217	.137	.172	-1.015
340	334	.099	.170	.871	-.362
340	335	-.028	.135	.559	-.487
340	336	.002	.148	.547	-.423
340	337	.106	.178	.838	-.507
340	338	.028	.193	.951	-.997
340	339	.038	.178	.861	-.535
340	340	-.072	.128	.343	-.475
340	341	-.031	.137	.525	-.509
340	342	.048	.157	.692	-.479
340	343	.129	.188	.938	-.484
340	344	.051	.167	.772	-.479
340	345	.064	.181	.877	-.379
340	346	-.017	.142	.572	-.448
340	347	.006	.143	.674	-.437
340	348	-.032	.131	.554	-.466
340	349	-.150	.113	.263	-.676
340	350	-.206	.129	.188	-.898
340	351	-.198	.127	.335	-.850
340	352	-.081	.117	.349	-.505
340	353	-.045	.116	.342	-.495
340	354	.003	.127	.681	-.431
340	355	.067	.159	.889	-.376
340	356	.046	.161	.735	-.456
340	357	.043	.158	.804	-.448
340	358	.001	.145	.678	-.485
340	359	.014	.150	.735	-.469
340	360	.005	.152	.597	-.480
340	361	-.055	.130	.470	-.483
340	362	-.171	.130	.249	-.757
340	363	-.079	.123	.426	-.497
340	364	-.193	.142	.284	-.811
340	365	.022	.156	.776	-.445
340	366	.058	.169	1.051	-.472
340	367	.015	.170	.773	-.592
340	368	-.084	.129	.447	-.528
340	369	-.141	.122	.254	-.632
340	370	-.113	.115	.276	-.567
340	371	-.086	.125	.356	-.479
340	372	-.031	.130	.400	-.492
340	373	-.027	.136	.421	-.472
340	374	-.097	.125	.304	-.512
340	375	-.088	.124	.280	-.487
340	376	-.115	.114	.280	-.476
340	377	-.124	.113	.250	-.503
340	401	-.218	.127	.256	-.688
340	402	-.137	.102	.261	-.460
340	403	-.161	.121	.223	-.563
340	404	-.147	.115	.244	-.577
340	405	-.137	.115	.243	-.555
340	406	-.133	.118	.246	-.546
340	407	-.139	.108	.222	-.532
340	408	-.142	.107	.189	-.534
340	409	-.276	.166	.168	-1.208
340	410	-.229	.136	.163	-.745
340	411	-.058	.118	.302	-.443
340	412	-.193	.131	.202	-.629
340	413	-.169	.127	.210	-.860
340	414	-.175	.131	.233	-.604
340	415	-.146	.123	.258	-.554
340	416	-.141	.123	.275	-.521
340	417	-.134	.121	.259	-.506
340	418	-.127	.122	.251	-.503
340	419	-.122	.122	.278	-.498
340	420	-.130	.121	.235	-.626
340	421	-.145	.120	.244	-.634
340	422	-.135	.119	.230	-.627
340	423	-.136	.119	.224	-.627
340	424	-.131	.125	.344	-.635
340	425	-.131	.121	.342	-.612
340	426	-.127	.123	.325	-.604
340	427	-.263	.160	.215	-.958
340	428	-.198	.132	.270	-.663
340	429	-.166	.124	.271	-.565
340	430	-.163	.125	.280	-.569
340	431	-.140	.122	.286	-.524
340	432	-.131	.120	.309	-.545
340	433	-.124	.119	.307	-.533
340	434	-.121	.120	.331	-.521
340	435	-.100	.119	.352	-.504
340	436	-.107	.121	.278	-.497
340	437	-.101	.119	.276	-.485
340	438	-.126	.123	.288	-.517
340	439	-.112	.120	.289	-.496
340	440	-.127	.112	.231	-.544
340	441	-.118	.109	.233	-.554
340	442	-.118	.111	.245	-.548
340	443	-.118	.112	.246	-.565
340	444	-.252	.152	.175	-1.159
340	445	-.122	.114	.294	-.538
340	446	-.220	.146	.224	-.947
340	447	-.180	.127	.246	-.816
340	448	-.152	.118	.263	-.609
340	449	-.136	.114	.243	-.523
340	450	-.124	.115	.277	-.526
340	451	-.119	.117	.284	-.530
340	452	-.138	.110	.213	-.510
340	453	-.122	.108	.223	-.485
340	454	-.113	.107	.233	-.467
340	455	-.102	.108	.259	-.468
340	456	-.116	.133	.360	-.555
340	457	-.111	.128	.352	-.539
340	458	-.105	.130	.360	-.548
340	459	-.106	.130	.362	-.527
340	460	-.120	.115	.234	-.539
340	461	-.107	.113	.234	-.510
340	462	-.110	.115	.256	-.520
340	463	-.117	.105	.190	-.481
340	464	-.131	.114	.274	-.536
340	465	-.111	.117	.316	-.525
340	466	-.188	.136	.288	-.788
340	467	-.114	.119	.309	-.527
340	468	-.133	.121	.313	-.510
340	469	-.112	.118	.312	-.483
340	470	-.103	.118	.339	-.490
340	471	-.121	.120	.355	-.533
340	472	-.128	.116	.269	-.620

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	473	-.109	.113	.263	-.588
340	474	-.109	.114	.275	-.585
340	475	-.094	.115	.312	-.561
340	476	-.148	.108	.283	-.517
340	477	-.126	.108	.297	-.520
340	478	-.104	.108	.351	-.471
340	479	-.097	.108	.362	-.479
340	480	-.144	.125	.333	-.541
340	481	-.101	.121	.339	-.482
340	482	-.195	.145	.342	-.764
340	483	-.157	.131	.324	-.631
340	484	-.149	.130	.266	-.652
340	485	-.128	.123	.294	-.640
340	486	-.121	.123	.296	-.594
340	487	-.119	.124	.317	-.576
340	488	-.107	.124	.352	-.557
340	489	-.111	.122	.342	-.547
340	490	-.106	.123	.338	-.554
340	491	-.108	.124	.351	-.579
340	492	-.117	.122	.273	-.546
340	493	-.103	.121	.312	-.484
340	494	-.095	.122	.315	-.475
340	495	-.098	.123	.312	-.485
340	496	-.107	.129	.315	-.617
340	501	-.139	.128	.249	-.669
340	502	-.151	.130	.255	-.687
340	503	-.175	.135	.258	-.729
340	504	-.125	.112	.246	-.501
340	505	-.127	.114	.239	-.528
340	506	-.123	.114	.243	-.518
340	507	-.139	.119	.244	-.568
340	508	-.134	.124	.323	-.687
340	509	-.179	.130	.292	-.613
340	510	-.117	.121	.335	-.506
340	511	-.120	.123	.295	-.519
340	512	-.125	.128	.330	-.569
340	513	-.133	.127	.295	-.554
340	514	-.131	.128	.313	-.586
340	515	-.126	.127	.292	-.565
340	516	-.111	.116	.303	-.519
340	517	-.176	.129	.199	-.650
340	518	-.100	.114	.283	-.513
340	519	-.106	.115	.278	-.523
340	520	-.125	.125	.321	-.608
340	521	-.123	.122	.340	-.576
340	522	-.118	.123	.316	-.563
340	523	-.120	.123	.286	-.595
340	524	-.102	.128	.269	-.624
340	525	-.109	.127	.252	-.637
340	526	-.100	.126	.274	-.652

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	527	-.106	.127	.252	-.596
340	528	-.106	.124	.326	-.499
340	529	-.116	.122	.316	-.497
340	530	-.102	.122	.329	-.486
340	531	-.109	.123	.326	-.497
340	532	-.099	.123	.327	-.551
340	533	-.142	.119	.231	-.567
340	534	-.110	.121	.334	-.544
340	535	-.098	.121	.325	-.559
340	536	-.106	.122	.331	-.573
340	537	-.099	.130	.335	-.546
340	538	-.112	.127	.321	-.534
340	539	-.100	.129	.326	-.538
340	540	-.103	.131	.331	-.557
340	541	-.106	.127	.333	-.601
340	542	-.114	.127	.334	-.568
340	543	-.115	.129	.325	-.589
340	544	-.125	.129	.324	-.602
340	545	-.127	.122	.288	-.552
340	546	-.108	.122	.338	-.594
340	547	-.100	.127	.307	-.549
340	548	-.098	.128	.306	-.535
340	549	-.095	.128	.324	-.543
340	550	-.102	.121	.354	-.581
340	551	-.100	.120	.246	-.501
340	552	-.101	.121	.272	-.500
340	553	-.103	.121	.267	-.500
340	554	-.116	.118	.312	-.490
340	555	-.129	.118	.284	-.502
340	556	-.132	.119	.290	-.537
340	557	-.142	.121	.283	-.547
340	558	-.132	.123	.311	-.576
340	559	-.115	.121	.301	-.557
340	560	-.118	.120	.266	-.577
340	561	-.130	.121	.302	-.562
340	562	-.136	.122	.312	-.560
340	563	-.092	.122	.336	-.580
340	564	-.108	.123	.286	-.531
340	565	-.096	.121	.307	-.512
340	566	-.098	.120	.293	-.503
340	567	-.102	.121	.297	-.514
340	568	-.100	.121	.353	-.477
340	569	-.099	.120	.340	-.472
340	570	-.099	.120	.351	-.471
340	571	-.098	.120	.355	-.471
340	572	-.097	.122	.283	-.519
340	573	-.118	.126	.280	-.655
340	574	-.114	.125	.273	-.665
340	575	-.097	.121	.271	-.522
340	576	-.133	.123	.228	-.597

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	577	-.105	.119	.297	-.498
340	578	-.100	.120	.302	-.487
340	579	-.106	.122	.299	-.478
340	580	-.047	.135	.536	-.480
340	581	-.074	.127	.360	-.526
340	582	-.075	.118	.363	-.457
340	583	-.043	.125	.364	-.478
340	584	-.119	.130	.340	-.515
340	585	-.102	.123	.299	-.517
340	586	-.100	.123	.361	-.561
340	901	-.122	.109	.245	-.507
340	902	-.140	.113	.235	-.512
340	903	-.071	.134	.451	-.534
340	904	-.121	.114	.331	-.527
340	905	-.135	.120	.364	-.571
340	906	-.082	.125	.452	-.546
340	907	-.118	.123	.237	-.548
340	908	-.113	.111	.251	-.515
340	909	-.126	.091	.176	-.459
340	910	-.130	.117	.256	-.584
340	911	-.148	.114	.287	-.509
340	912	-.116	.121	.326	-.573
340	913	-.056	.129	.407	-.461
340	914	-.172	.191	.714	-1.256
340	915	-.114	.111	.303	-.494
340	916	-.091	.134	.518	-.660
340	917	.073	.195	1.149	-.578
340	918	-.116	.111	.302	-.475
340	919	-.125	.106	.262	-.490
340	920	-.178	.116	.296	-.627
340	921	-.095	.102	.265	-.462
340	922	-.100	.104	.259	-.457
340	923	-.104	.113	.293	-.457
340	924	-.096	.111	.302	-.435
340	925	-.111	.110	.267	-.443
340	926	-.092	.119	.333	-.473
340	927	-.118	.167	.430	-.841
340	928	-.039	.179	.736	-.946
340	929	-.016	.191	.860	-.928
340	930	.117	.177	.806	-.584
340	931	-.103	.113	.309	-.462
340	932	-.100	.110	.296	-.472
340	933	-.115	.111	.267	-.488
340	935	-.103	.110	.271	-.479
340	936	-.211	.171	.314	-1.053
340	937	.011	.202	.821	-1.382
340	938	-.108	.108	.253	-.457
340	939	-.121	.116	.264	-.509
340	940	-.112	.116	.265	-.495
340	941	-.095	.120	.288	-.452

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	942	-.211	.176	.379	-.986
340	943	-.105	.110	.236	-.538
340	944	-.124	.110	.245	-.525
340	945	-.128	.112	.244	-.566
340	946	-.099	.116	.293	-.568
340	947	-.224	.149	.240	-.943
340	948	-.093	.105	.283	-.459
340	949	-.117	.107	.245	-.487
340	950	-.115	.109	.225	-.507
340	951	-.088	.111	.413	-.462
340	952	-.091	.147	.386	-.921
340	953	-.093	.110	.414	-.456
340	954	-.124	.114	.412	-.506
340	955	-.119	.118	.278	-.596
340	956	-.099	.118	.310	-.651
340	957	-.083	.140	.369	-.607
340	958	-.136	.122	.280	-.541
340	959	-.091	.156	.385	-1.068
340	960	-.114	.115	.332	-.647
340	961	-.042	.131	.504	-.515
340	962	-.139	.139	.403	-.663
340	963	-.098	.129	.380	-.547
340	964	-.085	.127	.318	-.481
340	965	-.083	.127	.351	-.531
340	966	-.120	.125	.272	-.530
340	967	-.158	.128	.276	-.591
340	968	-.178	.136	.295	-.718
340	969	-.070	.131	.568	-.520
340	970	-.124	.118	.282	-.641
340	971	-.167	.119	.232	-.667
340	972	-.185	.127	.223	-.753
340	973	-.086	.122	.322	-.667
340	974	-.134	.141	.339	-.631
340	975	-.064	.134	.606	-.551
340	976	-.085	.139	.482	-.775
340	977	-.133	.129	.322	-.566
340	978	-.122	.118	.317	-.727
340	979	-.149	.119	.217	-.525
340	980	-.190	.126	.222	-.725
340	981	-.167	.122	.217	-.608
340	982	-.169	.132	.322	-.671
340	983	-.139	.142	.317	-.654
340	984	-.131	.142	.388	-.656
340	985	-.090	.125	.559	-.523
340	986	.012	.143	.500	-.520
350	1	-.285	.164	.185	-1.036
350	2	-.015	.172	.794	-.552
350	3	-.246	.141	.221	-.880
350	4	-.188	.150	.322	-.951
350	5	-.172	.145	.303	-.825
350	6	-.152	.138	.336	-.765
350	7	-.143	.127	.302	-.641
350	8	.015	.136	.570	-.409
350	9	-.099	.113	.357	-.460
350	10	-.090	.111	.352	-.428
350	11	-.099	.112	.345	-.450
350	12	-.168	.125	.316	-.699
350	13	-.181	.133	.245	-.650
350	14	-.061	.133	.481	-.484
350	15	-.105	.113	.302	-.491
350	16	-.104	.115	.300	-.474
350	17	-.097	.110	.273	-.504
350	18	-.085	.114	.395	-.482
350	101	-.180	.130	.298	-.706
350	102	-.133	.156	.477	-.774
350	103	-.155	.130	.243	-.556
350	104	-.213	.133	.183	-.681
350	105	-.181	.134	.228	-.603
350	106	-.027	.183	.866	-.530
350	107	-.066	.192	.746	-.774
350	108	-.127	.129	.359	-.594
350	109	-.153	.129	.273	-.637
350	110	-.172	.132	.477	-.702
350	111	-.133	.139	.318	-.770
350	112	-.200	.136	.232	-.803
350	113	-.152	.141	.527	-.727
350	114	-.149	.140	.336	-.765
350	115	-.155	.128	.407	-.650
350	116	-.196	.160	.491	-1.009
350	117	-.013	.173	.742	-.633
350	118	-.099	.157	.618	-.806
350	119	-.038	.233	.840	-.983
350	120	-.165	.125	.262	-.623
350	121	-.145	.126	.293	-.646
350	122	-.163	.132	.477	-.656
350	123	-.156	.128	.381	-.599
350	124	-.180	.131	.361	-.584
350	125	-.129	.130	.342	-.538
350	126	-.129	.134	.396	-.585
350	127	-.071	.154	.565	-.688
350	128	-.073	.163	.770	-.712
350	129	.006	.177	.869	-.808
350	130	.002	.201	.858	-1.201
350	131	-.120	.122	.392	-.521
350	132	-.027	.169	.651	-.788
350	133	-.124	.124	.385	-.559
350	134	-.132	.123	.374	-.556
350	135	-.124	.134	.292	-.602
350	136	-.172	.135	.277	-.681
350	137	-.115	.137	.370	-.672
350	138	-.087	.134	.354	-.518
350	139	-.075	.132	.433	-.524
350	140	-.043	.149	.578	-.533
350	141	.000	.153	.715	-.466
350	142	.012	.150	.756	-.724
350	143	-.162	.146	.415	-.762
350	144	-.120	.126	.308	-.536
350	145	-.086	.142	.467	-.650
350	146	-.144	.145	.433	-.740
350	147	-.145	.132	.300	-.715
350	148	-.146	.143	.654	-.692
350	149	.030	.160	.561	-.597
350	150	-.106	.136	.340	-.522
350	151	-.064	.142	.464	-.573
350	152	-.126	.136	.302	-.530
350	153	.007	.152	.759	-.457
350	154	-.102	.161	.474	-.911
350	155	.120	.166	.715	-.413
350	156	.085	.172	.715	-.491
350	157	-.035	.155	.555	-.544
350	158	-.014	.135	.382	-.518
350	159	-.093	.143	.429	-.718
350	160	-.105	.142	.354	-.635
350	161	-.007	.146	.744	-.515
350	162	-.111	.130	.443	-.690
350	163	-.087	.126	.444	-.618
350	164	-.055	.139	.683	-.542
350	165	-.018	.184	.636	-1.249
350	166	-.144	.128	.278	-.558
350	167	-.153	.131	.287	-.616
350	168	-.163	.139	.342	-.814
350	169	-.060	.163	.541	-.641
350	170	.050	.194	.821	-1.050
350	171	-.021	.141	.593	-.679
350	172	-.014	.143	.532	-.521
350	173	-.074	.156	.735	-.654
350	174	-.103	.146	.405	-.634
350	175	-.102	.142	.384	-.624
350	176	-.149	.139	.341	-.708
350	177	-.154	.130	.269	-.663
350	178	-.098	.128	.387	-.650
350	179	-.130	.144	.433	-.703
350	180	-.175	.134	.293	-.681
350	181	-.166	.133	.278	-.642
350	182	-.064	.146	.443	-.539
350	183	-.005	.155	.491	-.484
350	184	.086	.177	.821	-.422
350	185	-.026	.136	.784	-.466
350	186	.044	.158	.983	-.440
350	187	.046	.165	.862	-.499

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	188	.040	.158	.775	-.519
350	189	-.031	.143	.675	-.541
350	190	-.047	.141	.455	-.735
350	191	-.092	.130	.417	-.536
350	192	-.118	.125	.362	-.536
350	193	-.143	.123	.270	-.670
350	194	-.141	.128	.259	-.586
350	195	-.067	.124	.357	-.608
350	196	-.097	.134	.390	-.636
350	197	-.157	.133	.338	-.718
350	198	-.162	.132	.323	-.594
350	199	-.101	.157	.614	-.687
350	200	-.102	.142	.451	-.563
350	201	-.039	.155	.550	-.617
350	202	.040	.198	.891	-.595
350	203	-.009	.152	.554	-.590
350	204	-.027	.149	.484	-.648
350	205	-.096	.160	.580	-.796
350	206	-.095	.135	.439	-.535
350	207	-.086	.129	.431	-.542
350	208	-.018	.138	.510	-.488
350	209	-.090	.128	.381	-.492
350	210	-.081	.131	.438	-.578
350	211	-.157	.146	.302	-.841
350	212	-.161	.138	.338	-.705
350	213	-.084	.133	.386	-.658
350	214	-.116	.134	.308	-.517
350	215	.002	.195	.943	-1.225
350	301	-.032	.179	.869	-.594
350	302	-.083	.153	.621	-.593
350	303	-.148	.095	.115	-.454
350	304	-.005	.199	.830	-.719
350	305	-.058	.171	.654	-.771
350	306	-.147	.122	.287	-.700
350	307	.054	.193	.837	-.828
350	308	-.069	.186	.704	-.744
350	309	-.255	.222	.609	-1.776
350	310	-.184	.168	.499	-1.059
350	311	-.266	.210	.402	-1.665
350	312	-.153	.207	.718	-1.214
350	313	.063	.213	1.294	-.644
350	314	-.198	.166	.317	-1.147
350	315	-.172	.161	.418	-.954
350	316	-.190	.161	.423	-.734
350	317	-.250	.182	.426	-.977
350	318	-.233	.168	.315	-1.030
350	319	-.014	.243	1.039	-1.405
350	320	.012	.232	.916	-1.175
350	321	-.098	.210	.870	-1.038
350	322	-.218	.148	.298	-.739
350	323	-.280	.171	.253	-1.139
350	324	-.244	.154	.250	-1.069
350	325	.026	.193	.801	-.909
350	326	.001	.159	.834	-.641
350	327	-.034	.160	.834	-.618
350	328	.102	.198	1.384	-.442
350	329	-.078	.178	.602	-1.031
350	330	-.119	.130	.355	-.575
350	331	-.193	.134	.246	-.668
350	332	-.233	.143	.220	-.803
350	333	-.224	.147	.216	-.820
350	334	.109	.186	.929	-.477
350	335	-.021	.146	.564	-.443
350	336	-.007	.152	1.106	-.505
350	337	.135	.171	1.233	-.364
350	338	.054	.195	.847	-.728
350	339	.069	.180	.829	-.578
350	340	-.099	.137	.393	-.579
350	341	-.058	.143	.516	-.528
350	342	.022	.163	.800	-.535
350	343	.097	.181	.994	-.438
350	344	.072	.182	1.007	-.571
350	345	.092	.194	1.104	-.542
350	346	-.014	.160	.615	-.848
350	347	.018	.162	.669	-.640
350	348	-.027	.141	.563	-.489
350	349	-.178	.123	.251	-.578
350	350	-.259	.141	.203	-.873
350	351	-.246	.142	.199	-.886
350	352	-.093	.135	.341	-.536
350	353	-.059	.131	.386	-.514
350	354	.004	.146	.687	-.504
350	355	.091	.177	1.398	-.484
350	356	.056	.160	.895	-.420
350	357	.051	.156	.821	-.438
350	358	.000	.143	.589	-.434
350	359	.016	.148	.713	-.427
350	360	.013	.149	.706	-.422
350	361	-.064	.136	.440	-.481
350	362	-.228	.149	.231	-.809
350	363	-.099	.135	.402	-.516
350	364	-.236	.157	.264	-.908
350	365	.020	.169	.884	-.533
350	366	.046	.184	.820	-.505
350	367	.002	.191	.928	-.594
350	368	-.089	.139	.437	-.568
350	369	-.137	.135	.328	-.617
350	370	-.102	.130	.333	-.535
350	371	-.079	.132	.385	-.567
350	372	-.029	.137	.426	-.500
350	373	-.025	.141	.526	-.495
350	374	-.091	.140	.369	-.582
350	375	-.075	.139	.386	-.529
350	376	-.110	.122	.431	-.555
350	377	-.115	.119	.422	-.555
350	401	-.199	.130	.273	-.672
350	402	-.129	.104	.313	-.567
350	403	-.173	.135	.311	-.697
350	404	-.153	.127	.314	-.662
350	405	-.148	.127	.301	-.586
350	406	-.143	.130	.300	-.599
350	407	-.171	.122	.255	-.670
350	408	-.159	.117	.262	-.583
350	409	-.294	.169	.290	-1.139
350	410	-.242	.143	.227	-.865
350	411	-.080	.124	.327	-.538
350	412	-.212	.122	.176	-.739
350	413	-.192	.123	.203	-.655
350	414	-.192	.122	.185	-.683
350	415	-.166	.119	.203	-.634
350	416	-.158	.124	.247	-.676
350	417	-.157	.123	.299	-.647
350	418	-.149	.123	.266	-.632
350	419	-.146	.123	.265	-.615
350	420	-.142	.122	.332	-.613
350	421	-.161	.119	.333	-.604
350	422	-.149	.120	.351	-.600
350	423	-.147	.120	.363	-.600
350	424	-.147	.122	.238	-.566
350	425	-.148	.120	.254	-.575
350	426	-.146	.121	.251	-.559
350	427	-.265	.154	.179	-1.416
350	428	-.215	.132	.270	-.705
350	429	-.184	.124	.298	-.613
350	430	-.177	.125	.318	-.593
350	431	-.154	.122	.305	-.531
350	432	-.152	.131	.326	-.574
350	433	-.151	.130	.343	-.596
350	434	-.139	.131	.344	-.573
350	435	-.121	.129	.338	-.567
350	436	-.127	.121	.372	-.533
350	437	-.122	.119	.366	-.525
350	438	-.143	.124	.391	-.587
350	439	-.131	.120	.388	-.508
350	440	-.146	.121	.250	-.551
350	441	-.145	.119	.229	-.548
350	442	-.140	.121	.248	-.555
350	443	-.140	.122	.257	-.558
350	444	-.234	.140	.241	-.734
350	445	-.138	.123	.325	-.601

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	446	-.215	.136	.242	-.846	350	496	-.111	.119	.314	-.489	350	550	-.118	.128	.298	-.543
350	447	-.190	.129	.235	-.634	350	501	-.123	.119	.306	-.495	350	551	-.107	.128	.320	-.577
350	448	-.165	.122	.204	-.568	350	502	-.153	.120	.286	-.526	350	552	-.107	.129	.328	-.585
350	449	-.161	.119	.185	-.570	350	503	-.175	.125	.305	-.687	350	553	-.108	.130	.321	-.599
350	450	-.137	.118	.216	-.546	350	504	-.144	.119	.230	-.583	350	554	-.109	.140	.382	-.546
350	451	-.128	.121	.311	-.600	350	505	-.137	.120	.235	-.521	350	555	-.121	.140	.393	-.637
350	452	-.149	.116	.323	-.523	350	506	-.137	.120	.242	-.543	350	556	-.128	.144	.370	-.700
350	453	-.147	.114	.298	-.530	350	507	-.156	.125	.227	-.544	350	557	-.138	.145	.359	-.660
350	454	-.132	.113	.303	-.512	350	508	-.143	.119	.216	-.535	350	558	-.171	.137	.288	-.833
350	455	-.124	.115	.301	-.499	350	509	-.174	.134	.293	-.851	350	559	-.131	.136	.379	-.665
350	456	-.143	.116	.292	-.506	350	510	-.121	.117	.259	-.526	350	560	-.143	.136	.301	-.663
350	457	-.152	.115	.259	-.526	350	511	-.125	.118	.265	-.525	350	561	-.145	.142	.426	-.877
350	458	-.133	.116	.295	-.524	350	512	-.138	.128	.299	-.556	350	562	-.156	.141	.349	-.815
350	459	-.131	.115	.296	-.533	350	513	-.132	.127	.306	-.536	350	563	-.115	.129	.317	-.556
350	460	-.134	.123	.304	-.551	350	514	-.142	.128	.289	-.546	350	564	-.105	.123	.317	-.486
350	461	-.135	.122	.315	-.513	350	515	-.134	.127	.286	-.554	350	565	-.106	.121	.301	-.477
350	462	-.119	.122	.336	-.509	350	516	-.126	.119	.225	-.519	350	566	-.102	.122	.311	-.473
350	463	-.133	.112	.237	-.563	350	517	-.192	.136	.221	-.672	350	567	-.110	.123	.310	-.475
350	464	-.157	.128	.232	-.571	350	518	-.122	.118	.236	-.520	350	568	-.113	.120	.300	-.591
350	465	-.157	.130	.211	-.570	350	519	-.120	.119	.242	-.496	350	569	-.121	.118	.264	-.594
350	466	-.226	.144	.197	-.765	350	520	-.128	.132	.278	-.699	350	570	-.112	.119	.301	-.581
350	467	-.141	.133	.248	-.564	350	521	-.115	.129	.263	-.675	350	571	-.114	.120	.300	-.596
350	468	-.145	.122	.304	-.559	350	522	-.118	.129	.265	-.700	350	572	-.117	.123	.297	-.531
350	469	-.148	.119	.299	-.548	350	523	-.125	.130	.251	-.704	350	573	-.156	.129	.308	-.672
350	470	-.106	.119	.321	-.512	350	524	-.109	.124	.331	-.550	350	574	-.138	.128	.267	-.621
350	471	-.135	.121	.297	-.544	350	525	-.110	.121	.338	-.550	350	575	-.124	.122	.260	-.534
350	472	-.150	.121	.286	-.548	350	526	-.113	.122	.308	-.579	350	576	-.162	.137	.275	-.579
350	473	-.156	.118	.278	-.541	350	527	-.108	.123	.341	-.572	350	577	-.130	.134	.341	-.554
350	474	-.134	.119	.290	-.514	350	528	-.114	.116	.215	-.460	350	578	-.111	.136	.368	-.518
350	475	-.113	.118	.293	-.516	350	529	-.121	.117	.225	-.495	350	579	-.124	.138	.345	-.610
350	476	-.168	.121	.176	-.623	350	530	-.113	.115	.229	-.470	350	580	-.068	.135	.416	-.512
350	477	-.171	.120	.168	-.611	350	531	-.119	.118	.229	-.554	350	581	-.030	.137	.457	-.433
350	478	-.126	.120	.255	-.555	350	532	-.119	.125	.337	-.633	350	582	-.081	.122	.345	-.546
350	479	-.113	.119	.269	-.536	350	533	-.190	.120	.166	-.587	350	583	-.069	.127	.412	-.483
350	480	-.167	.120	.246	-.577	350	534	-.130	.124	.325	-.613	350	584	-.130	.118	.295	-.513
350	481	-.148	.115	.250	-.522	350	535	-.122	.124	.329	-.625	350	585	-.107	.117	.306	-.564
350	482	-.230	.144	.281	-.832	350	536	-.124	.125	.324	-.625	350	586	-.086	.126	.340	-.492
350	483	-.186	.127	.287	-.645	350	537	-.111	.121	.302	-.559	350	901	-.125	.108	.261	-.567
350	484	-.164	.130	.295	-.654	350	538	-.123	.119	.295	-.573	350	902	-.125	.107	.223	-.604
350	485	-.136	.124	.322	-.596	350	539	-.118	.119	.290	-.561	350	903	-.101	.128	.383	-.499
350	486	-.132	.123	.306	-.582	350	540	-.115	.120	.297	-.563	350	904	-.136	.111	.281	-.481
350	487	-.128	.124	.312	-.581	350	541	-.109	.118	.374	-.466	350	905	-.149	.116	.249	-.567
350	488	-.129	.118	.316	-.555	350	542	-.118	.118	.368	-.482	350	906	-.095	.118	.349	-.493
350	489	-.123	.116	.306	-.564	350	543	-.125	.122	.352	-.608	350	907	-.134	.123	.378	-.629
350	490	-.131	.116	.296	-.584	350	544	-.136	.121	.343	-.572	350	908	-.119	.112	.352	-.487
350	491	-.131	.116	.297	-.590	350	545	-.159	.132	.298	-.736	350	909	-.133	.093	.234	-.411
350	492	-.128	.127	.301	-.614	350	546	-.110	.129	.312	-.536	350	910	-.140	.117	.363	-.499
350	493	-.109	.117	.292	-.517	350	547	-.114	.120	.322	-.555	350	911	-.159	.112	.196	-.584
350	494	-.110	.117	.301	-.513	350	548	-.119	.121	.298	-.582	350	912	-.136	.124	.278	-.617
350	495	-.108	.117	.312	-.519	350	549	-.119	.121	.309	-.564	350	913	-.079	.136	.411	-.636

APPENDIX A -- PRESSURE DATA: CONFIGURATION A ; HOUSTON CENTER PLACE, PHASE 4

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	914	-.219	.177	.450	-.982	350	939	-.137	.114	.266	-.535	350	963	-.083	.153	.538	-.640
350	915	-.124	.112	.256	-.536	350	940	-.098	.116	.298	-.532	350	964	-.056	.147	.610	-.570
350	916	-.113	.140	.381	-.655	350	941	-.078	.117	.388	-.478	350	965	-.077	.143	.493	-.692
350	917	.062	.193	.966	-.581	350	942	-.186	.159	.322	-1.011	350	966	-.135	.119	.346	-.548
350	918	-.125	.112	.237	-.540	350	943	-.113	.109	.303	-.519	350	967	-.199	.132	.343	-.732
350	919	-.130	.115	.326	-.551	350	944	-.105	.116	.366	-.456	350	968	-.198	.157	.379	-.934
350	920	-.179	.128	.292	-.650	350	945	-.110	.126	.478	-.533	350	969	-.059	.127	.358	-.543
350	921	-.096	.115	.317	-.506	350	946	-.070	.128	.361	-.559	350	970	-.134	.130	.345	-.609
350	922	-.102	.116	.314	-.501	350	947	-.160	.143	.316	-.812	350	971	-.210	.134	.250	-.686
350	923	-.125	.111	.219	-.494	350	948	-.091	.110	.225	-.552	350	972	-.223	.155	.463	-.773
350	924	-.103	.108	.257	-.476	350	949	-.119	.113	.212	-.548	350	973	-.093	.134	.403	-.560
350	925	-.112	.111	.248	-.494	350	950	-.099	.121	.396	-.537	350	974	-.102	.141	.405	-.658
350	926	-.062	.118	.446	-.470	350	951	-.073	.118	.348	-.486	350	975	-.082	.133	.369	-.651
350	927	-.087	.161	.594	-.858	350	952	-.046	.135	.387	-.799	350	976	-.101	.138	.405	-.620
350	928	-.012	.182	.746	-.788	350	953	-.106	.107	.225	-.454	350	977	-.162	.130	.221	-.685
350	929	-.011	.194	.819	-.804	350	954	-.142	.113	.205	-.521	350	978	-.144	.122	.282	-.569
350	930	.104	.161	.825	-.517	350	955	-.117	.121	.289	-.516	350	979	-.171	.130	.247	-.646
350	931	-.121	.112	.326	-.494	350	956	-.109	.139	.378	-.690	350	980	-.266	.151	.151	-.899
350	932	-.107	.109	.304	-.458	350	957	-.068	.149	.477	-.615	350	981	-.168	.147	.278	-.731
350	933	-.127	.113	.305	-.553	350	958	-.186	.148	.254	-.813	350	982	-.132	.169	.417	-.727
350	935	-.069	.122	.328	-.504	350	959	-.142	.176	.432	-.898	350	983	-.117	.150	.548	-.646
350	936	-.139	.176	.401	-.918	350	960	-.129	.120	.285	-.534	350	984	-.086	.140	.340	-.574
350	937	-.004	.185	.764	-1.396	350	961	-.081	.144	.455	-.579	350	985	-.033	.137	.583	-.528
350	938	-.114	.114	.316	-.511	350	962	-.129	.181	.736	-.728	350	986	.002	.139	.671	-.486