WIND-TUNNEL STUDY OF

PROJECT 'C' BUILDING, DENVER

by

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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, $\frac{F_x}{A_R \ 0.5\rho \ U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\frac{F_y}{A_R \ 0.5\rho \ U_\infty^2}$

1. INTRODUCTION

1.1 General

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

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

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

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

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) 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.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed flow separation characteristics which indicated possible high-pressure areas near building corners, particularly near the top of the structure. Winds from westerly directions were slowed by the tall buildings of the downtown area upwind and should result in somewhat lower loads than would exist without those structures in place. The presence of the large United Bank Center (UBC) building to the southeast provided protection from winds when it was directly upwind. However, for cases where the UBC building was to one side of the approach wind vector, it appeared that loads might be increased by wind deflected from the UBC tower. Winds about the base of the structure in pedestrian areas appeared to be strong in two areas: the entrance at the northeast corner of the building and the plaza area on the west side of the building near pedestrian velocity measurement positions 8 and 10 shown in Figure 4. Both areas showed high wind speeds for a range of wind directions with northerly winds causing the largest wind speeds.

5.2 Pedestrian Winds

Figure 4 shows the 16 pedestrian locations selected for study. Location 1 was selected as a reference location which should be reasonably undisturbed by the presence of the Project C building. Locations 6 and 7 were located beneath the elevated walkway on the north side of the tower. Table 2 and Figure 8 show that the largest values of mean velocity were measured at location 10 with a value

of 80 percent of the mean velocity at the boundary layer height, U_∞, for wind azimuths of 0 and 337 degrees. Other locations showing mean velocities between 73 and 79 percent of U_∞ were 5, 6 and 7, all for a wind from azimuth 112. These values compare to a largest value of 65 percent at reference location 1. In an open-country environment, the mean velocity would be about 50 percent of U_∞.

The largest values of fluctuating velocity, U_{rms}, were 20 or 21 percent of U_∞ measured at locations 7, 11 and 16 for individual wind directions. U_{rms} values in an open-country environment would be about 10 or 11 percent of U_∞. The largest values of peak gust, represented by the mean plus three rms as discussed in Section 4.2, were obtained at locations 10 and 6 with values of 129 percent of U_∞. Location 10 showed large peak velocities for several approach wind directions. For comparison, the largest peak gust at reference location 1 was 105 percent of U_∞ while in an open-country environment, a peak gust of 85-90 percent of U_∞ would be expected.

Velocity data of Table 2 integrated with local wind data is shown in Figure 9. Based on the data of this figure mean wind magnitudes will be unacceptably large for about 2 and 0.3 percent of the time at locations 10 and 1 respectively. Peak gusts will be unacceptable during about 0.3 percent of the time at location 10. The least windy area will be near location 12 where mean winds will almost always be low enough for long exposure activities and peak gusts will exceed the long exposure criteria for less then 1 percent of the time.

The results of the pedestrian velocity analysis showed that the pedestrian environment in the vicinity of location 10 will be a rather

windy location which will be avoided by pedestrians on windy days. Other locations such as those near locations 5, 6, 7, 9, 11, 15, and 16 will be windy on days when higher winds approach from critical wind directions.

5.3 Pressures

Appendix A lists data for three separate configurations. These are:

A. All pressure taps measured for all wind directions in anticipated surroundings including the new United Bank Center to the southeast.

B. Selected pressure taps measured at two degree azimuth increments near large amplitude pressure peaks.

C. Selected pressure taps measured over a range of wind azimuths with the United Bank Center building removed from the surrounding city model.

Table 6 shows the largest pressure coefficients and loads measured on the Project 'C' building for configurations A and B. The largest peak pressure coefficients measured on the building walls were -4.18 and -3.41 measured at taps 100 and 600 for approach wind azimuths of 80 and 170 respectively. The largest pressure coefficient on the roof was -3.37 measured at tap 904. These pressure coefficients correspond to psf loads of 88, 72, and 71 when multiplied by the reference pressure of Table 5. Most areas of the building had peak loads ranging from 30 to 50 psf. Several taps, shown in Table 6, had somewhat higher pressures when two degree azimuthal increments were used (Configuration B).

Configuration C data showed that the primary influence of the United Bank Center building was to change the wind azimuth at which large peak pressures were observed rather than to dramatically increase or decrease those pressures.

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

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

FIGURES

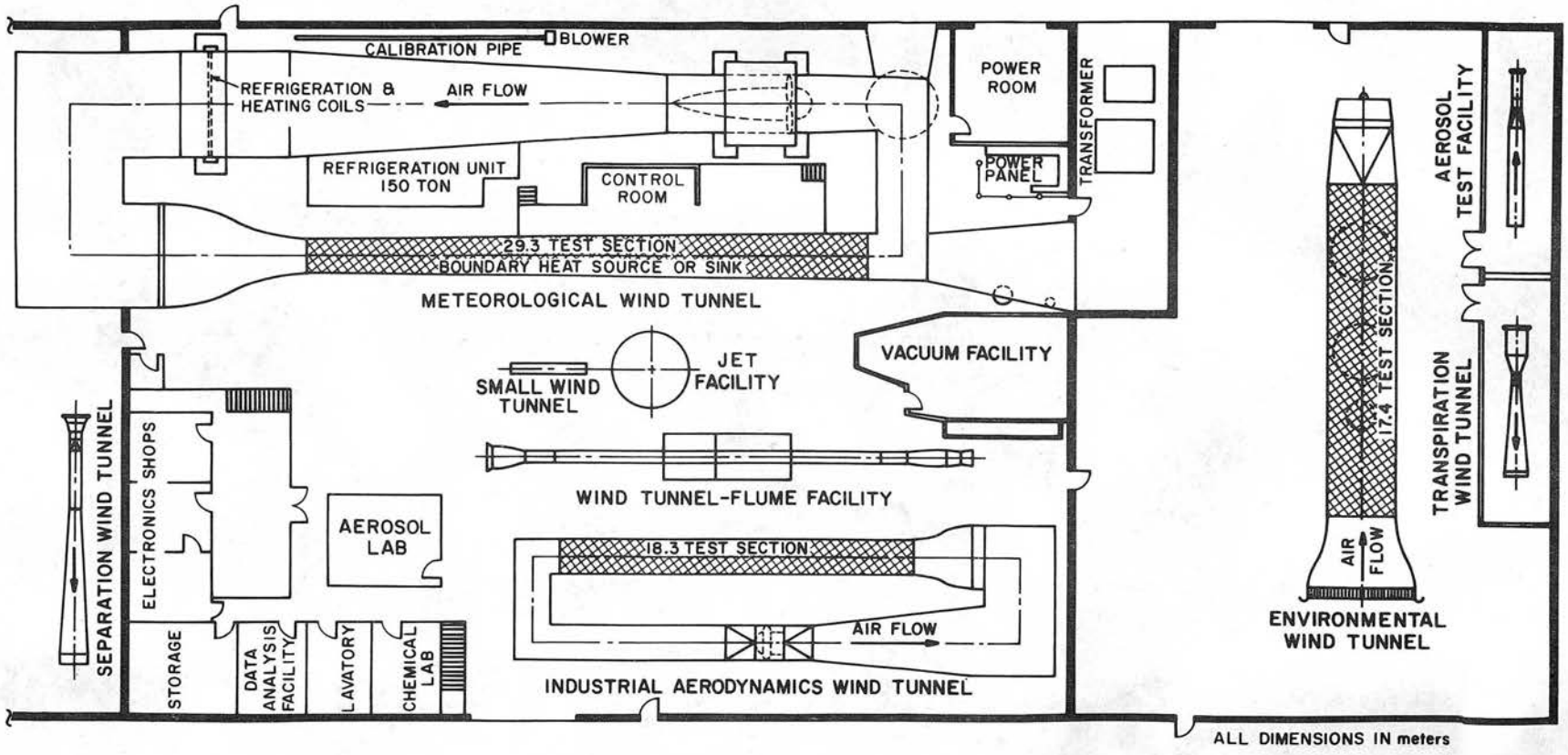
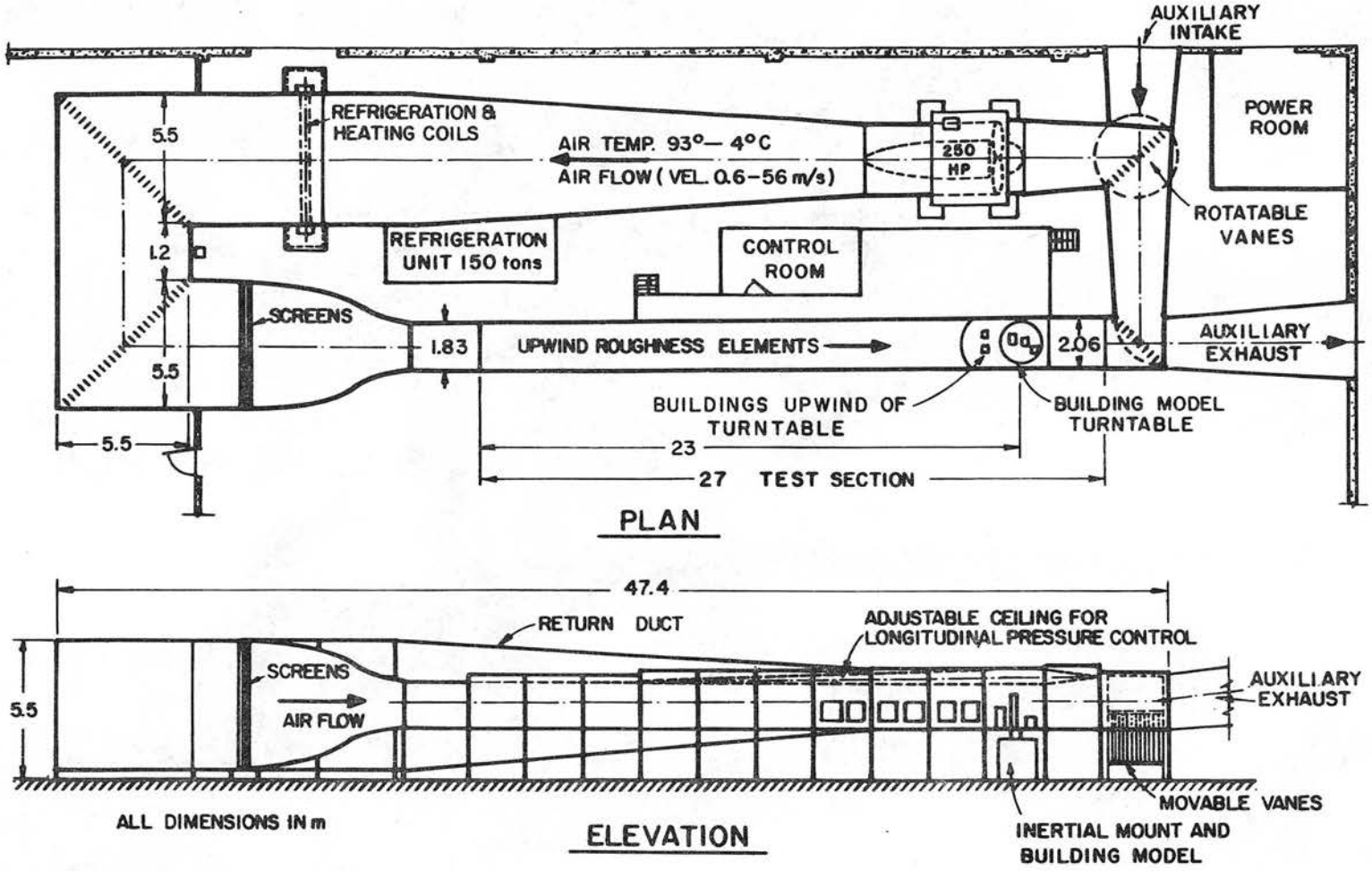
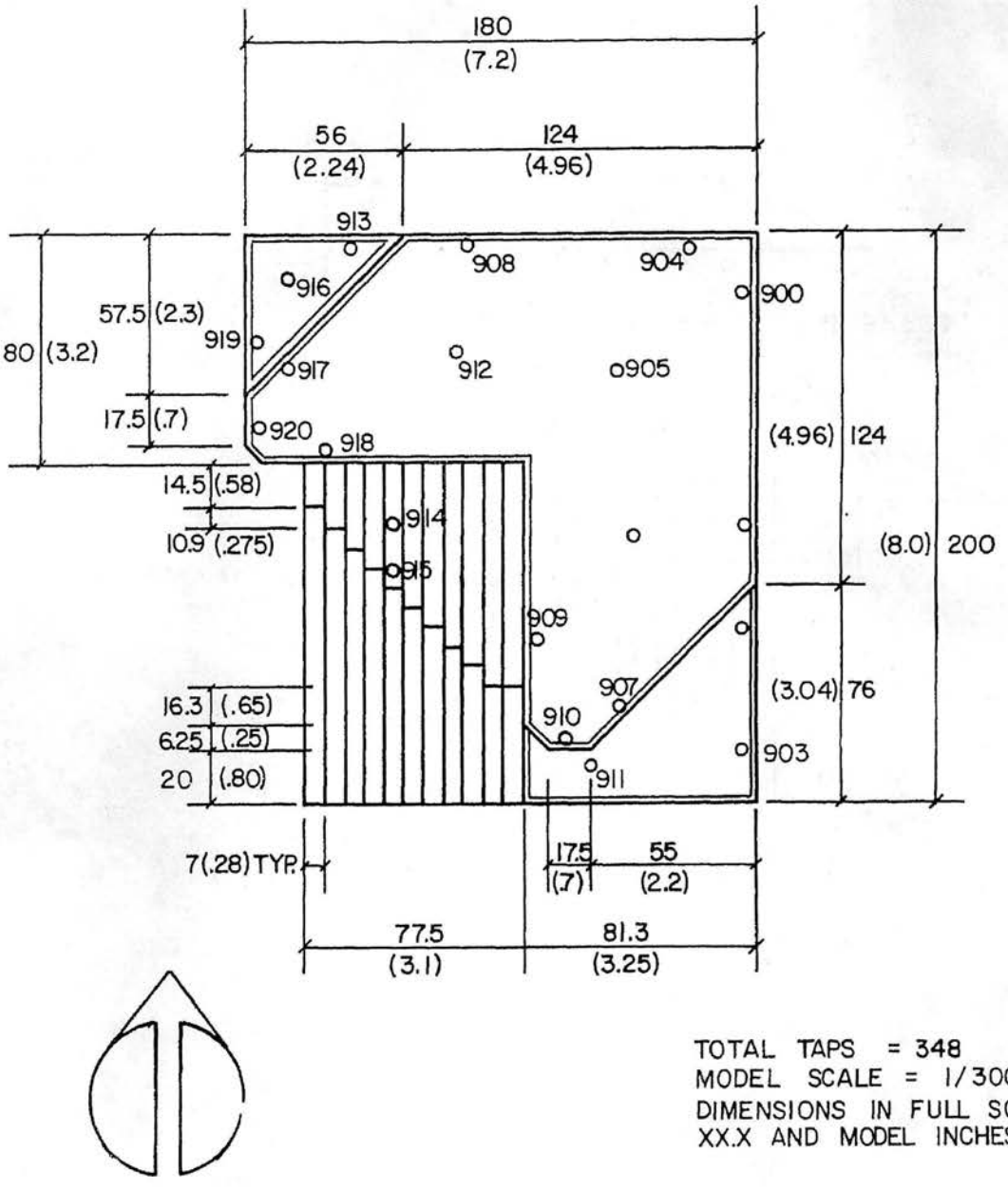


FIGURE 1 - FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



METEOROLOGICAL WIND TUNNEL

Figure 2 - Wind Tunnel Configuration



TOTAL TAPS = 348
MODEL SCALE = 1/300
DIMENSIONS IN FULL SCALE FEET XX.X AND MODEL INCHES (X.XX).

FIGURE 3a. PRESSURE TAP LOCATIONS

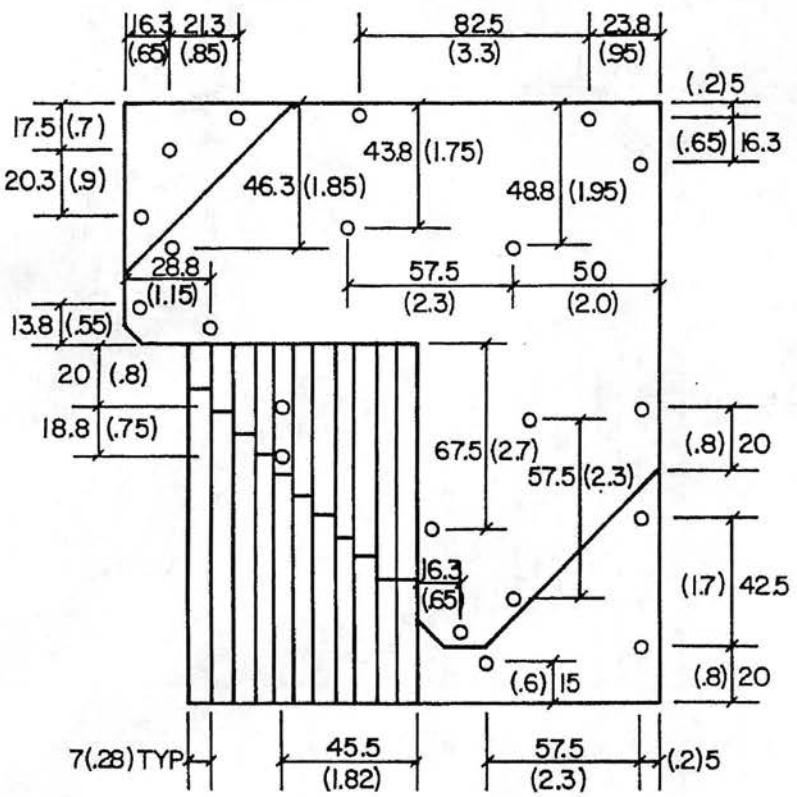
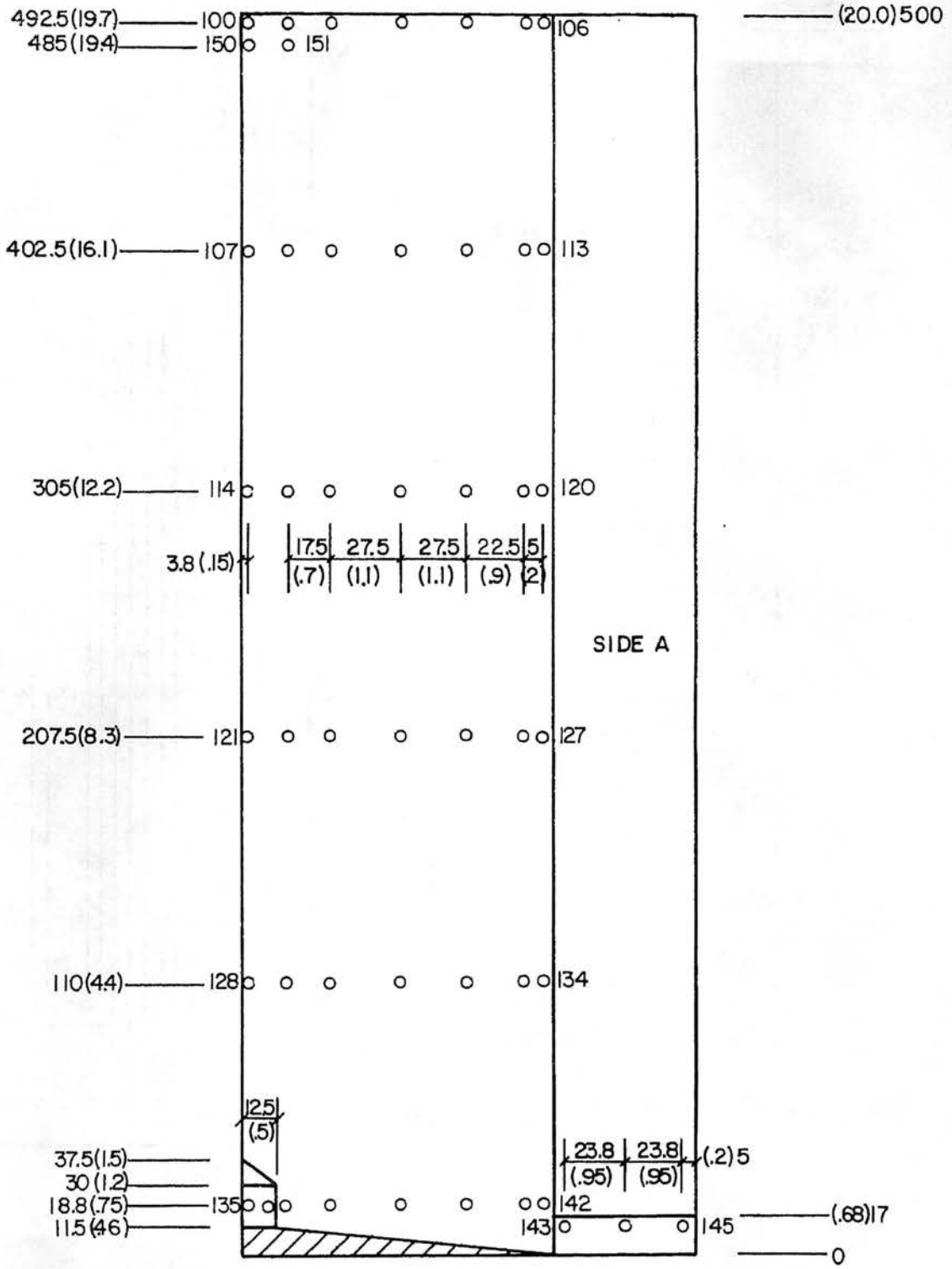


FIGURE 3b. PRESSURE TAP LOCATIONS



NORTH ELEVATION

FIGURE 3c. PRESSURE TAP LOCATION.

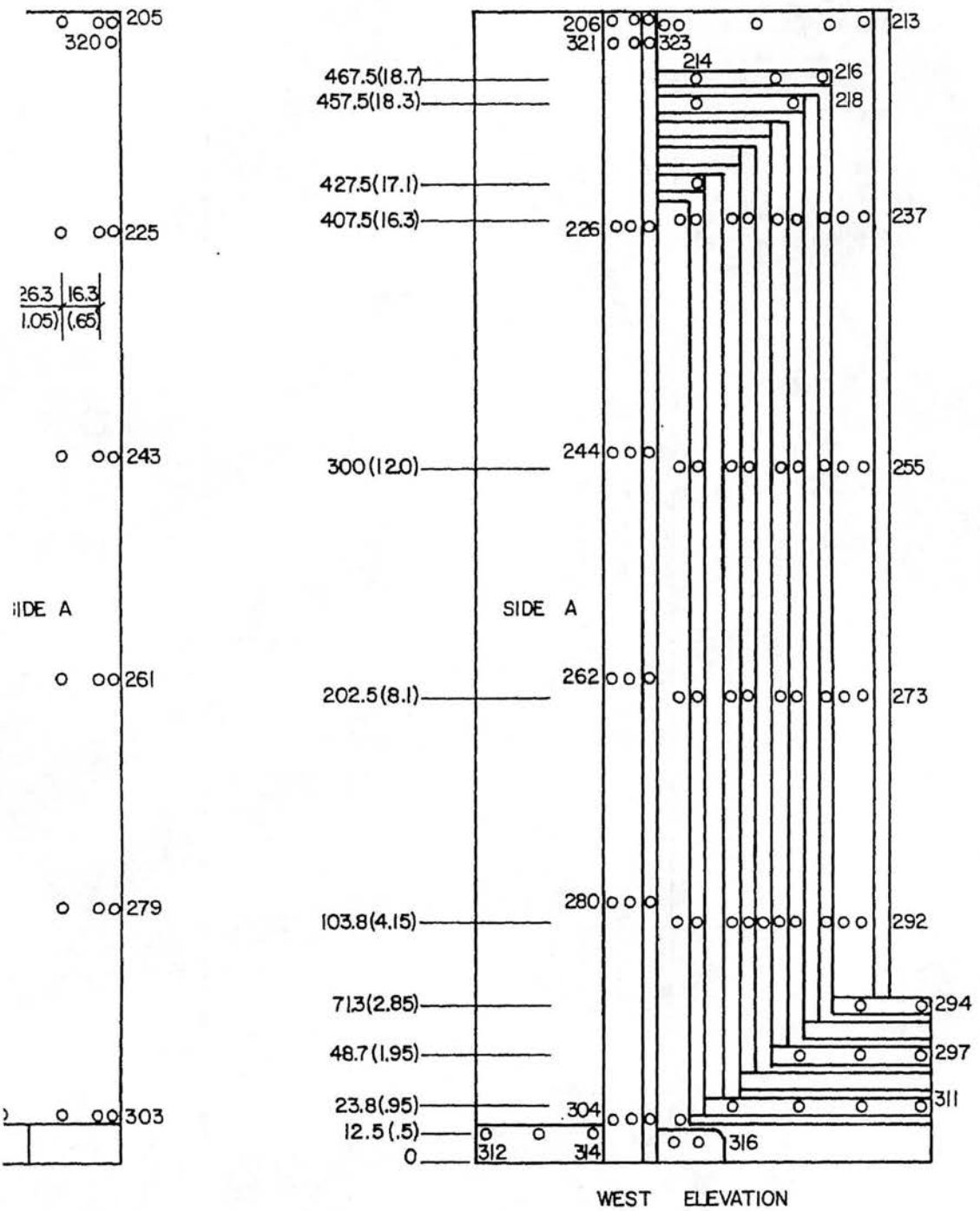
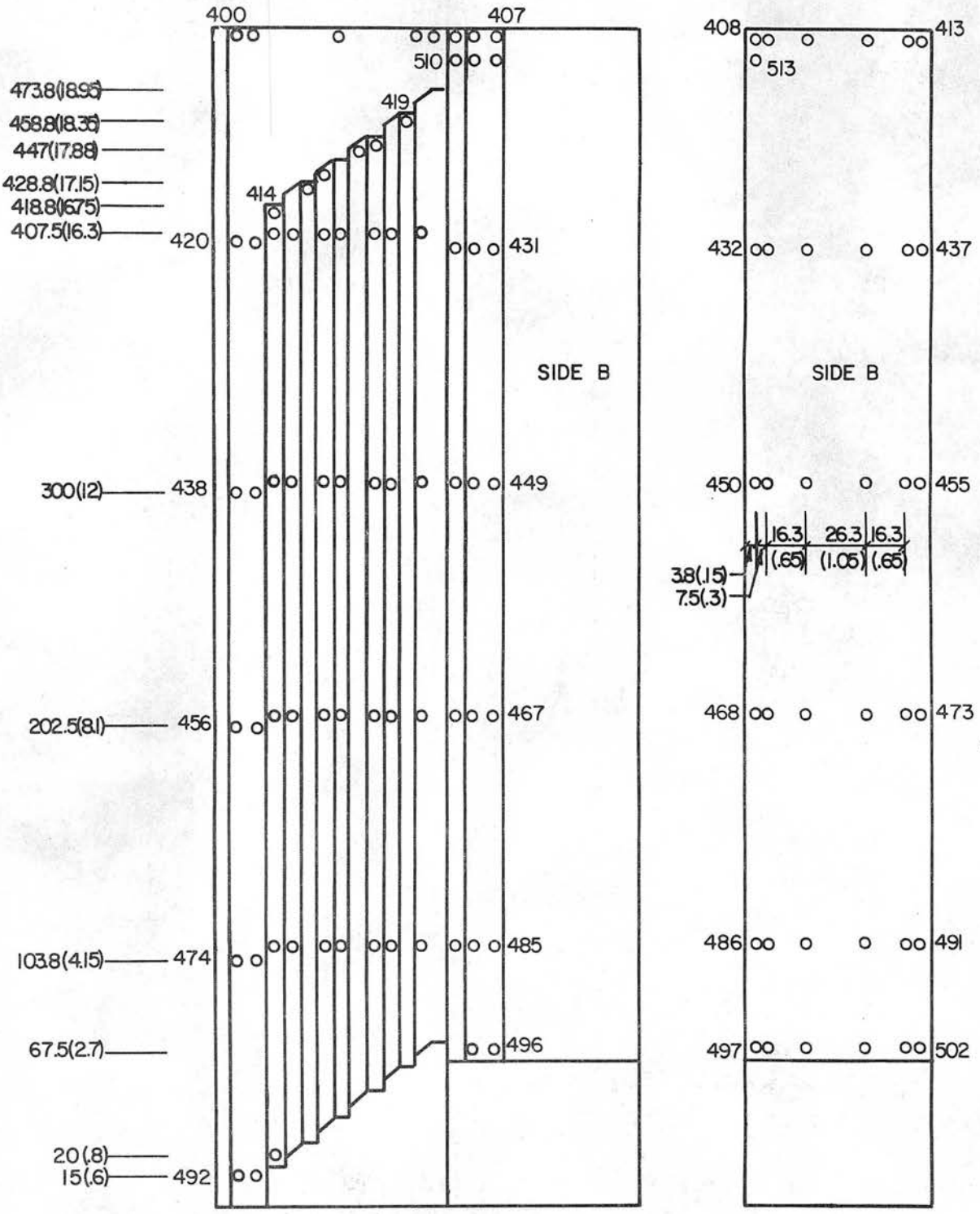
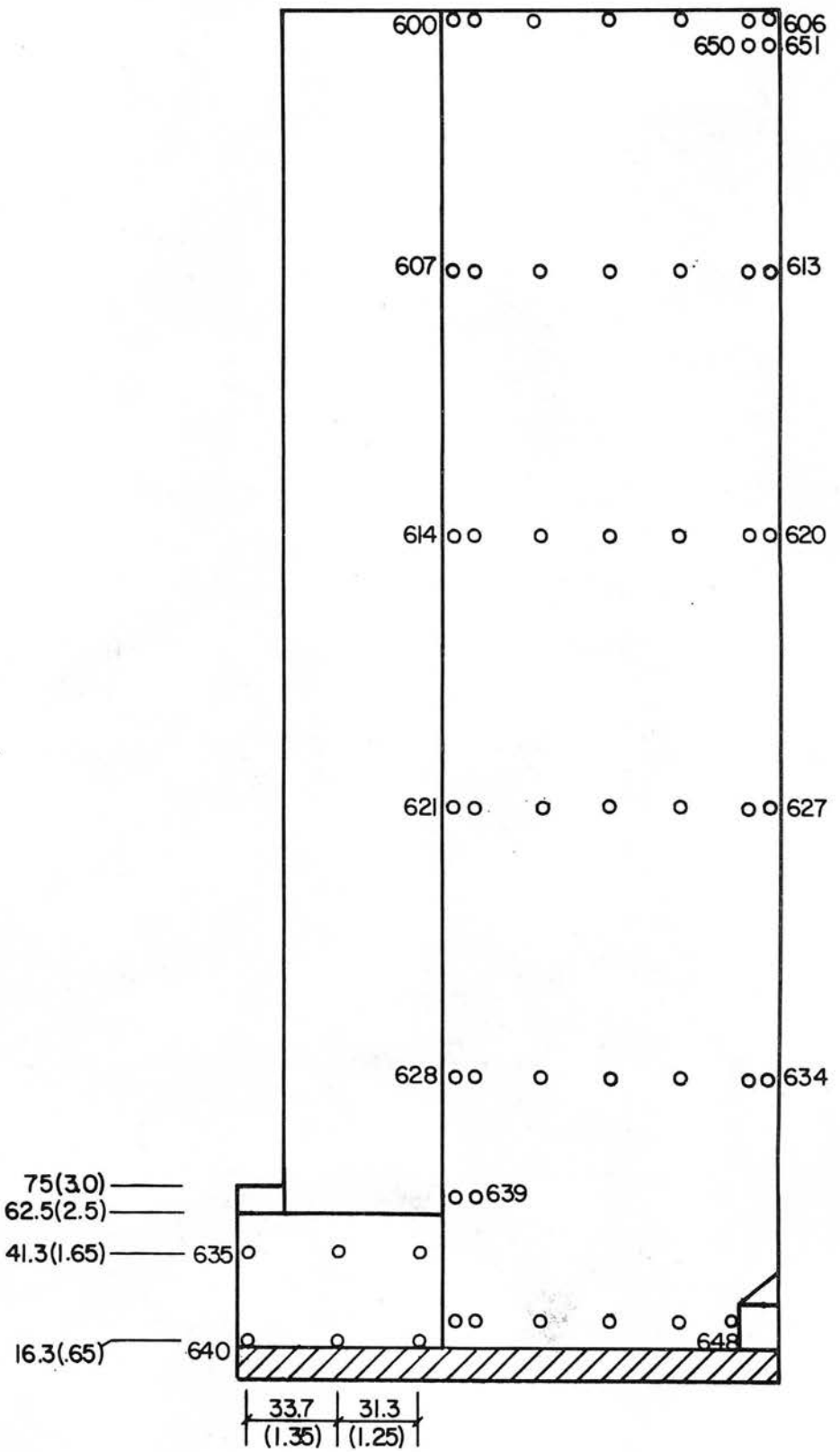


FIGURE 3d. PRESSURE TAP LOCATIONS



SOUTH ELEVATION

FIGURE 3e. PRESSURE TAP LOCATIONS



EAST ELEVATION

FIGURE 3f. PRESSURE TAP LOCATIONS.

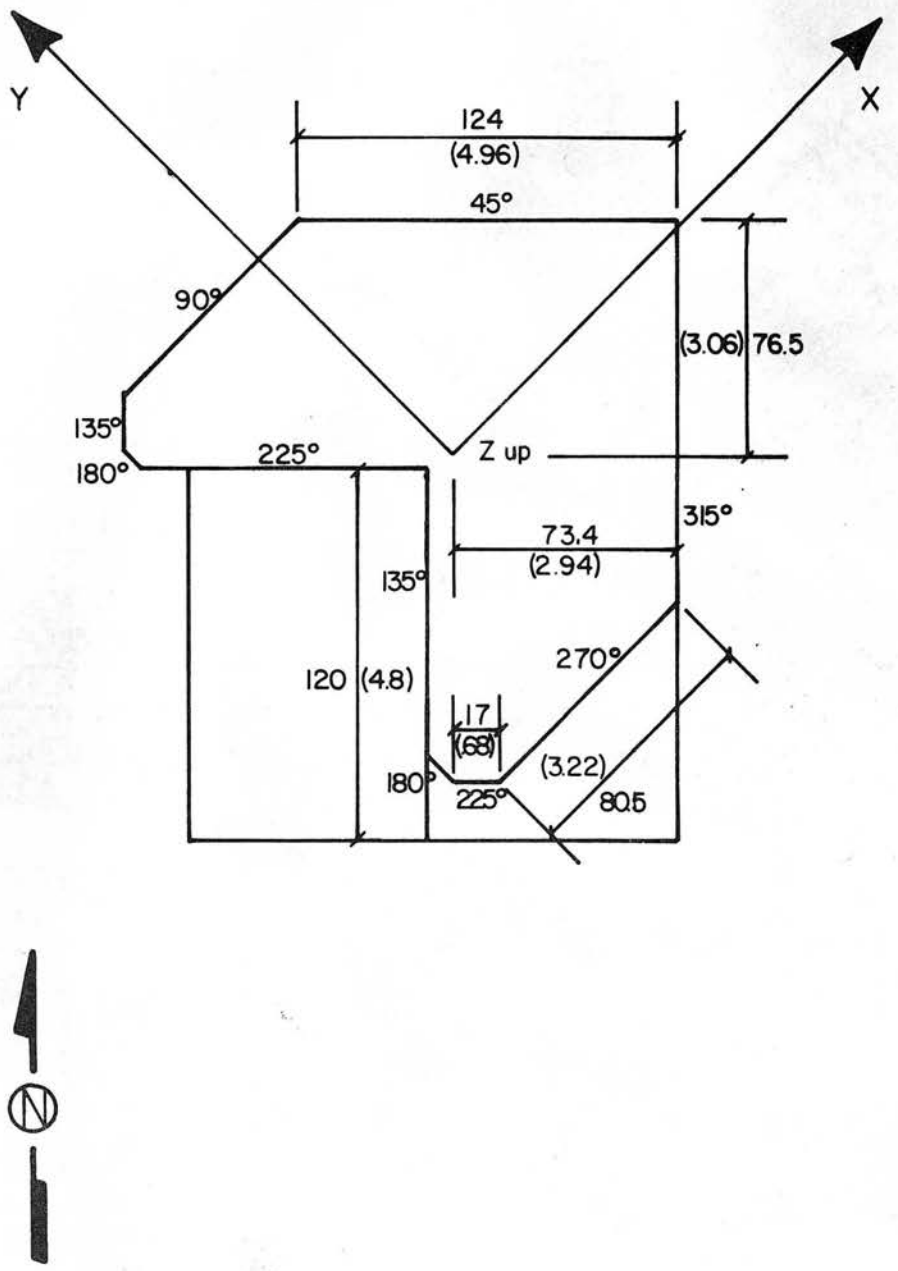


FIGURE 3g. FORCE AND MOMENT COORDINATE SYSTEM

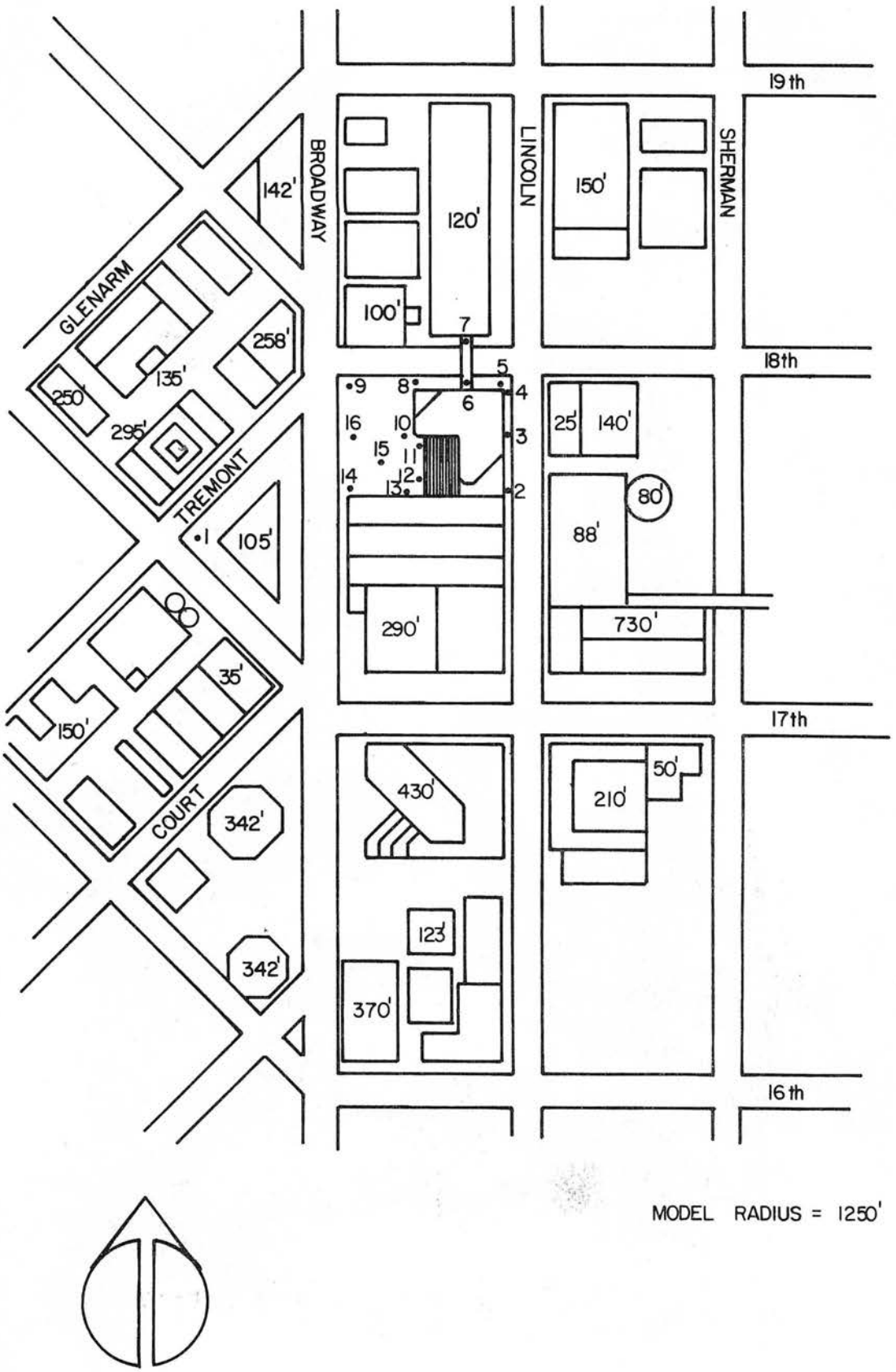


FIGURE 4. BUILDING LOCATION AND PEDESTRIAN WIND VELOCITY MEASURING POSITIONS.

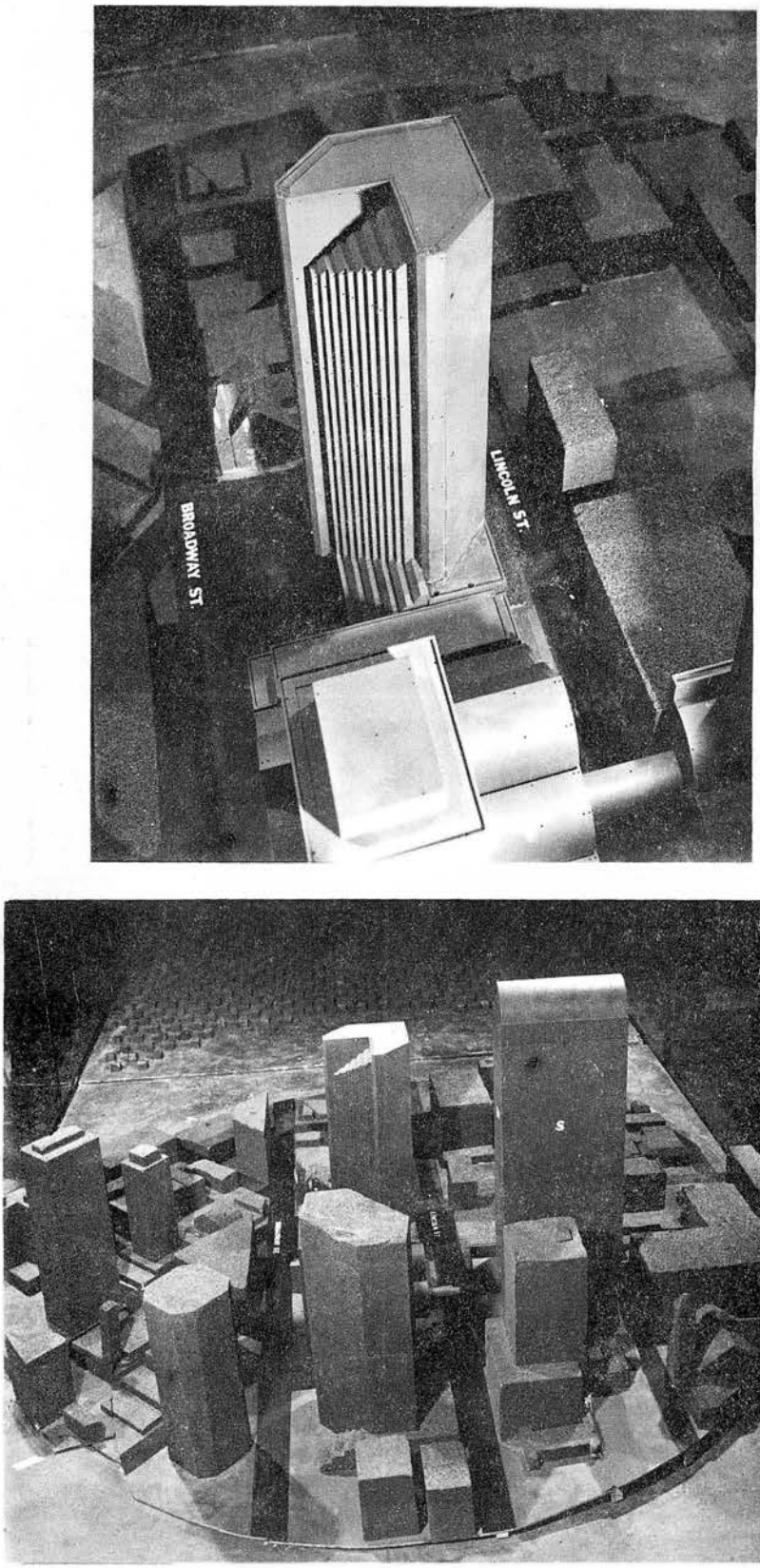


Figure 5. Completed Model in Wind Tunnel

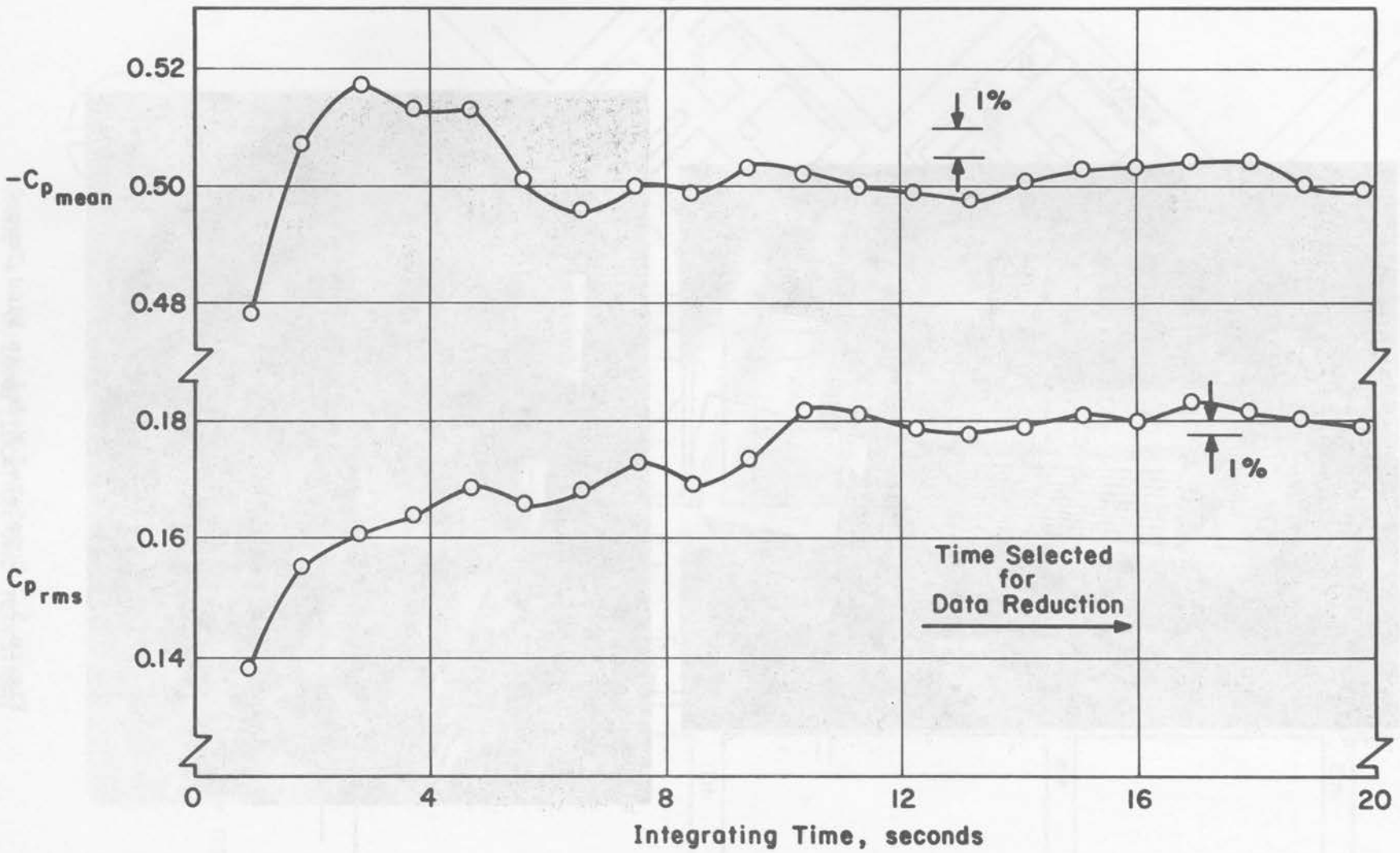


Figure 6- Data Sampling Time Verification

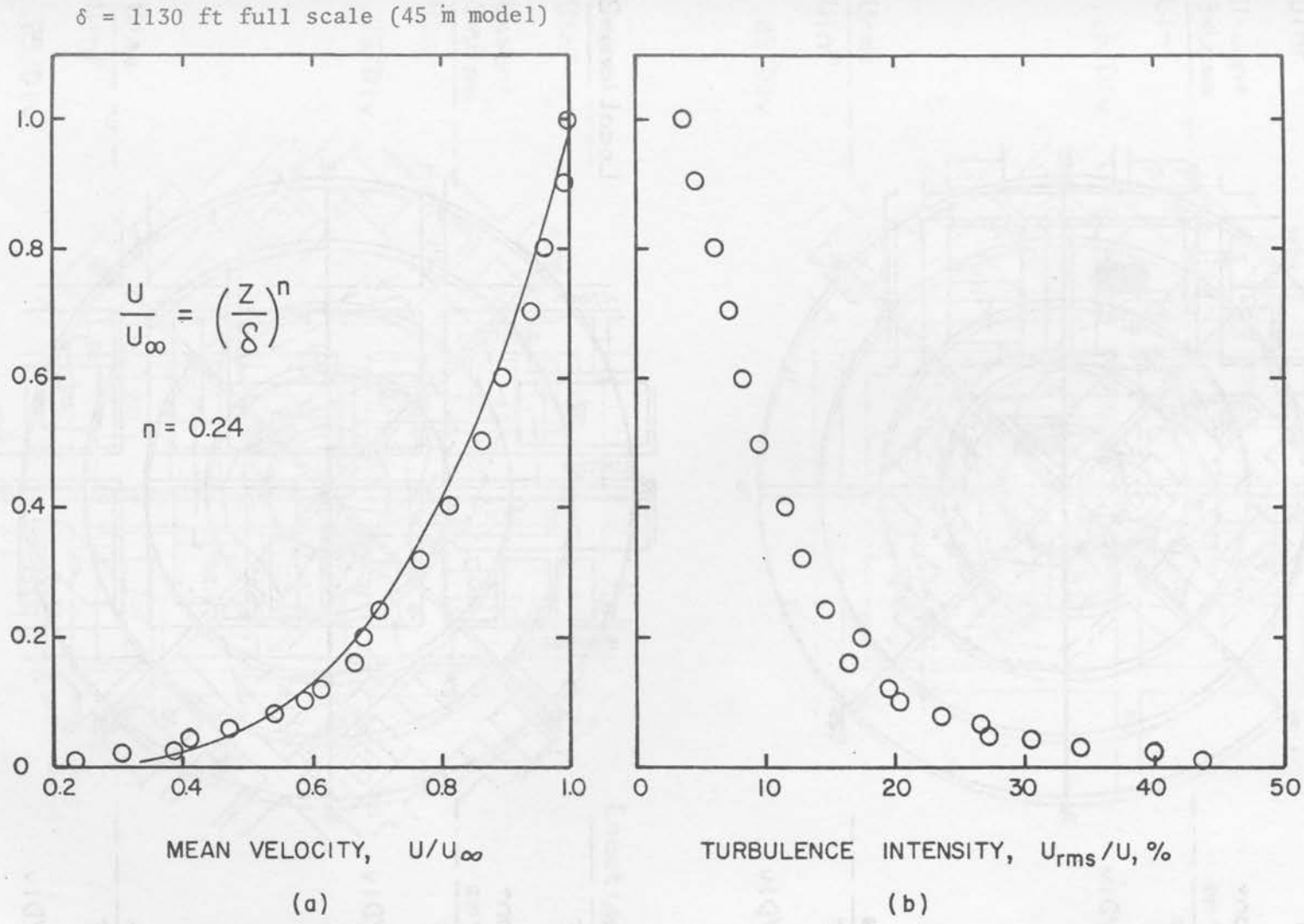
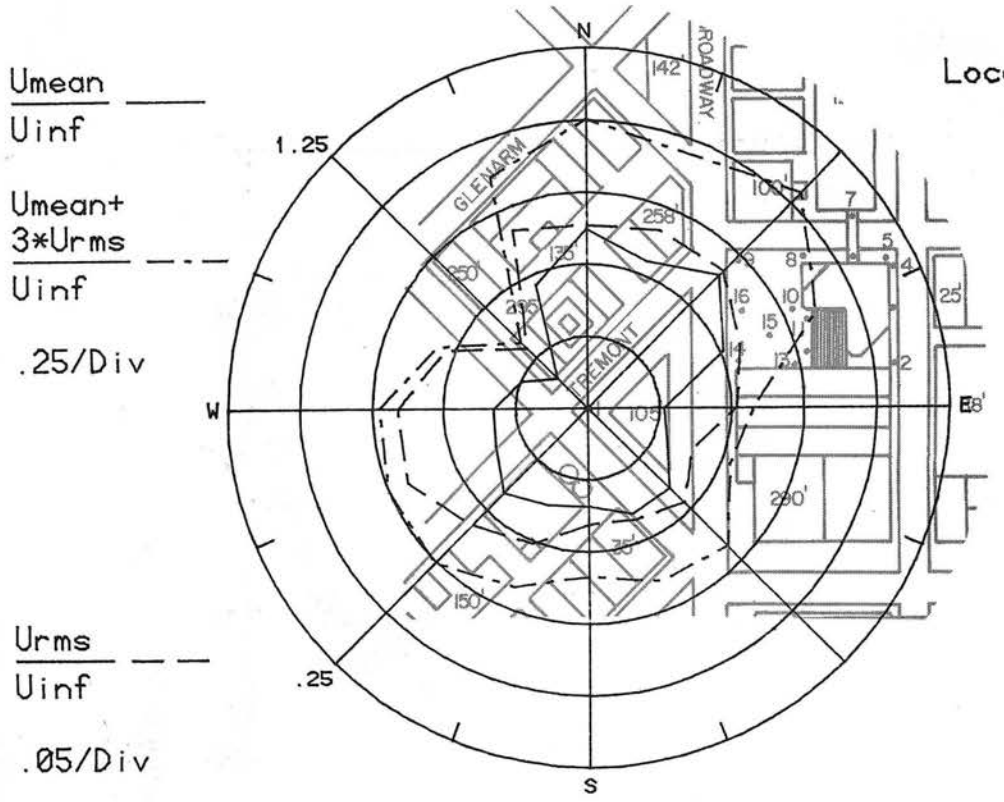


FIGURE 7. VELOCITY AND TURBULENCE PROFILES APPROACHING THE MODEL



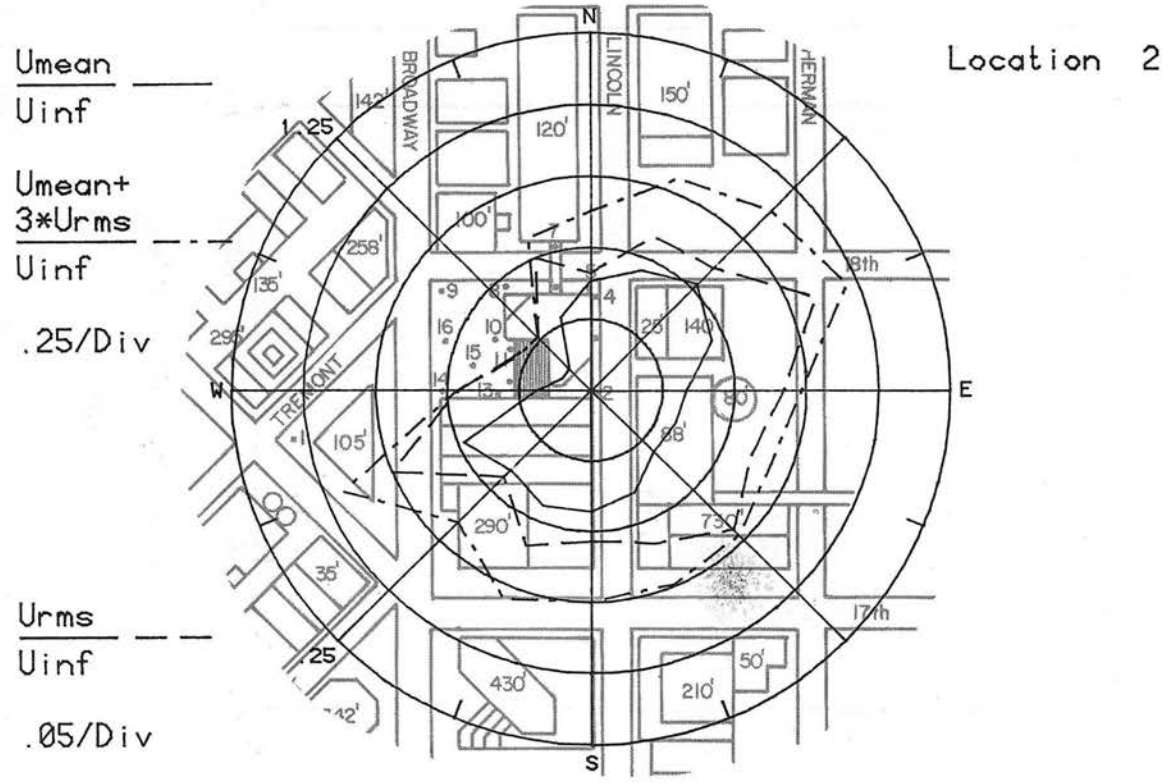


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

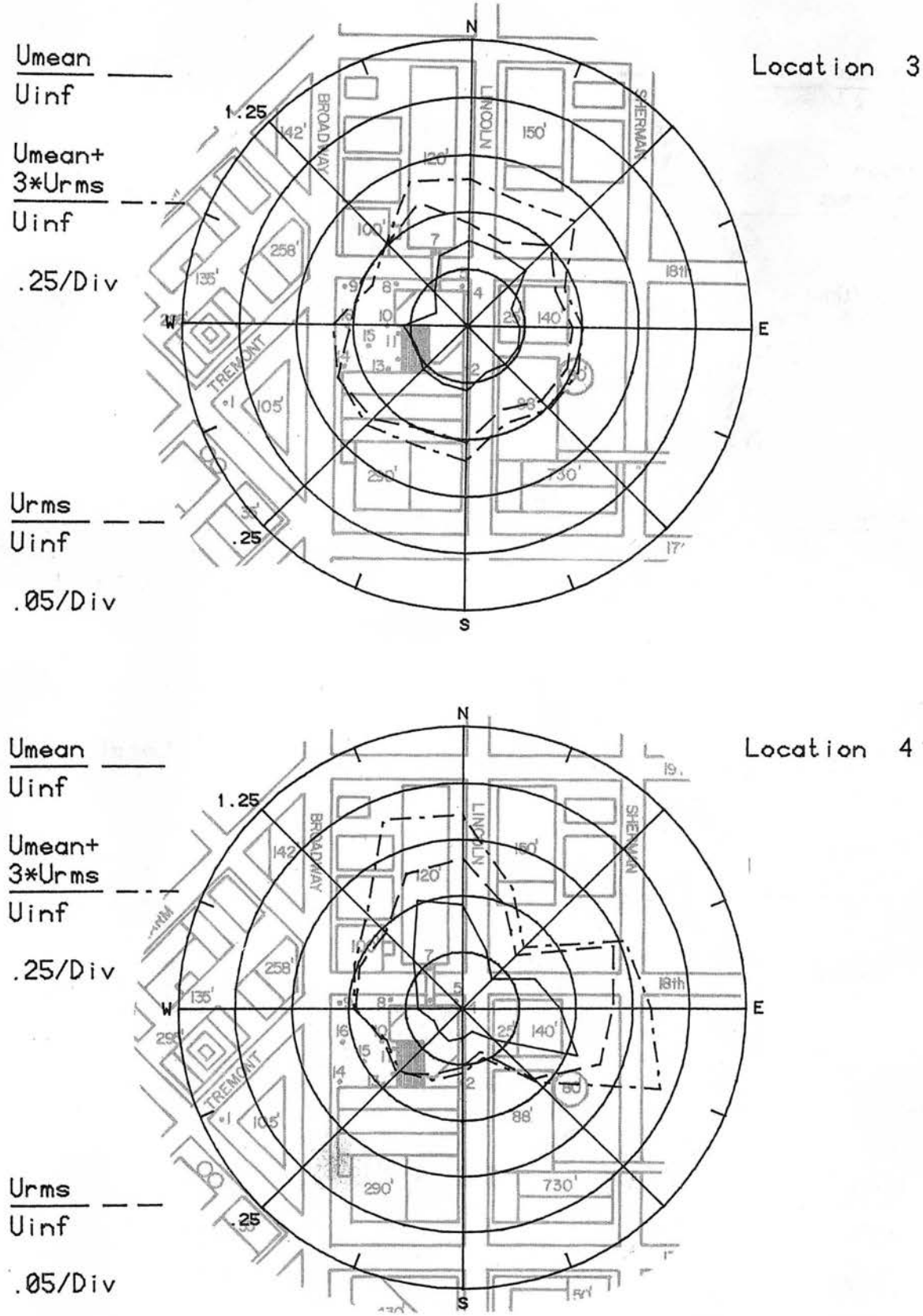


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

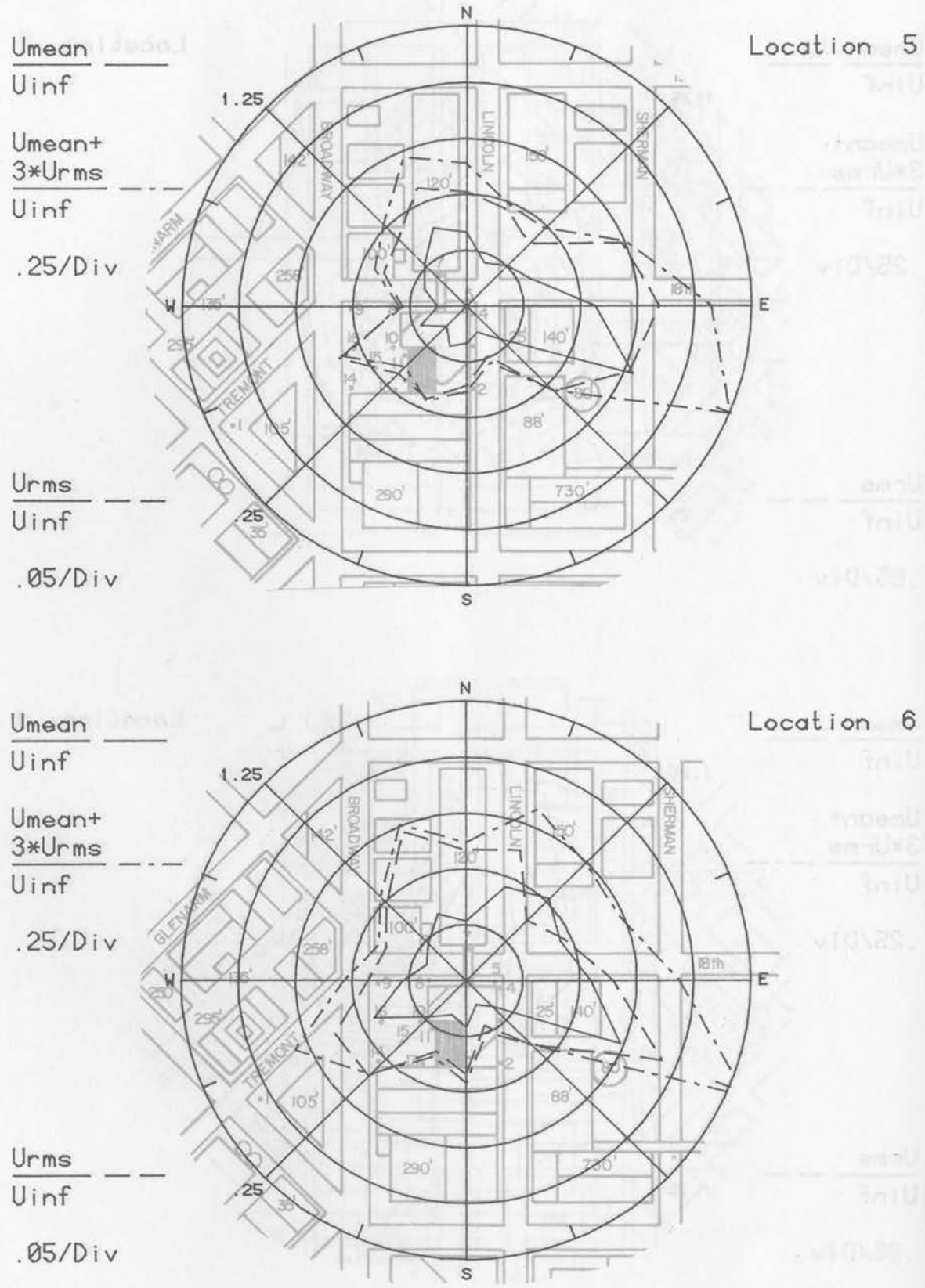


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

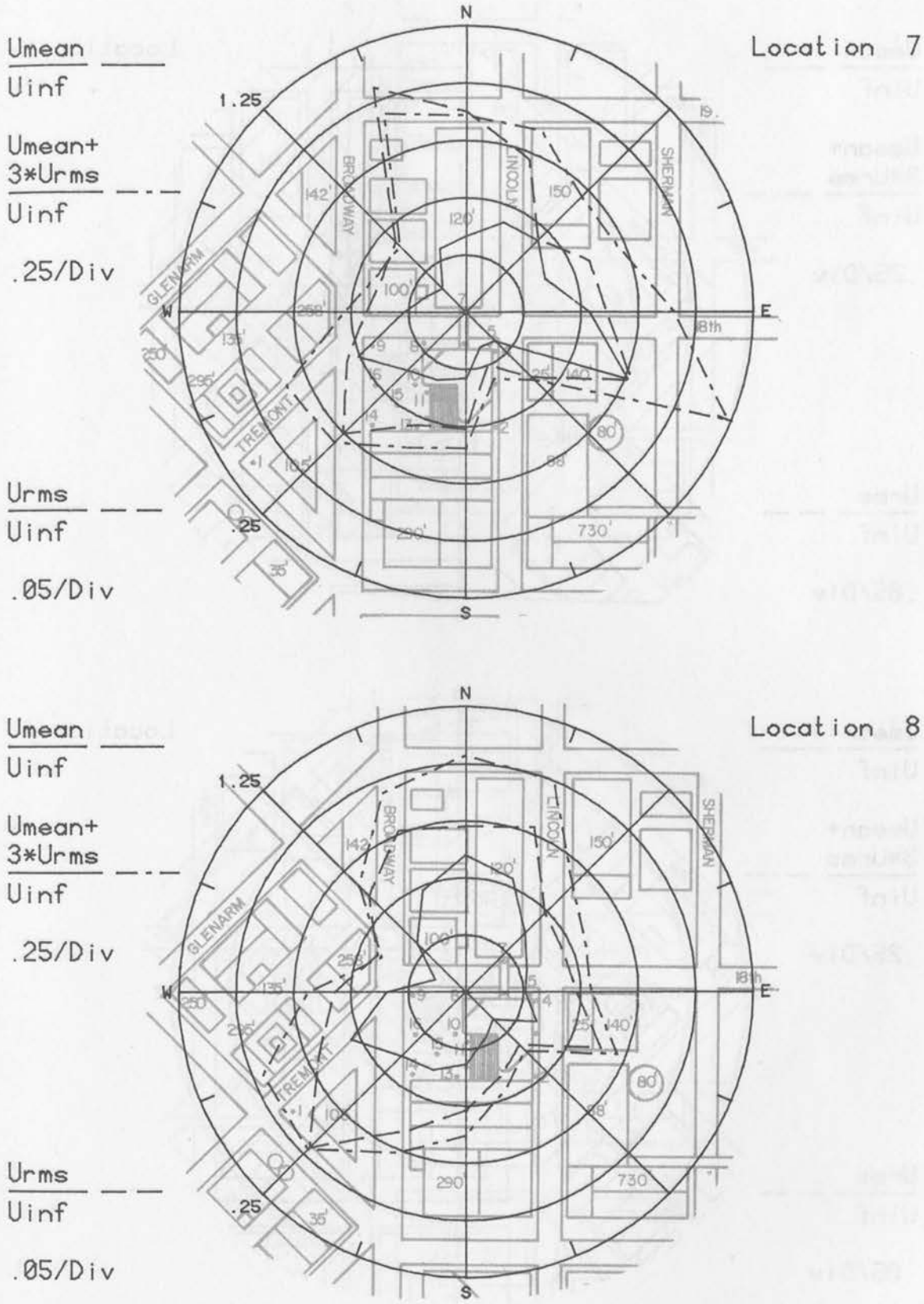


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

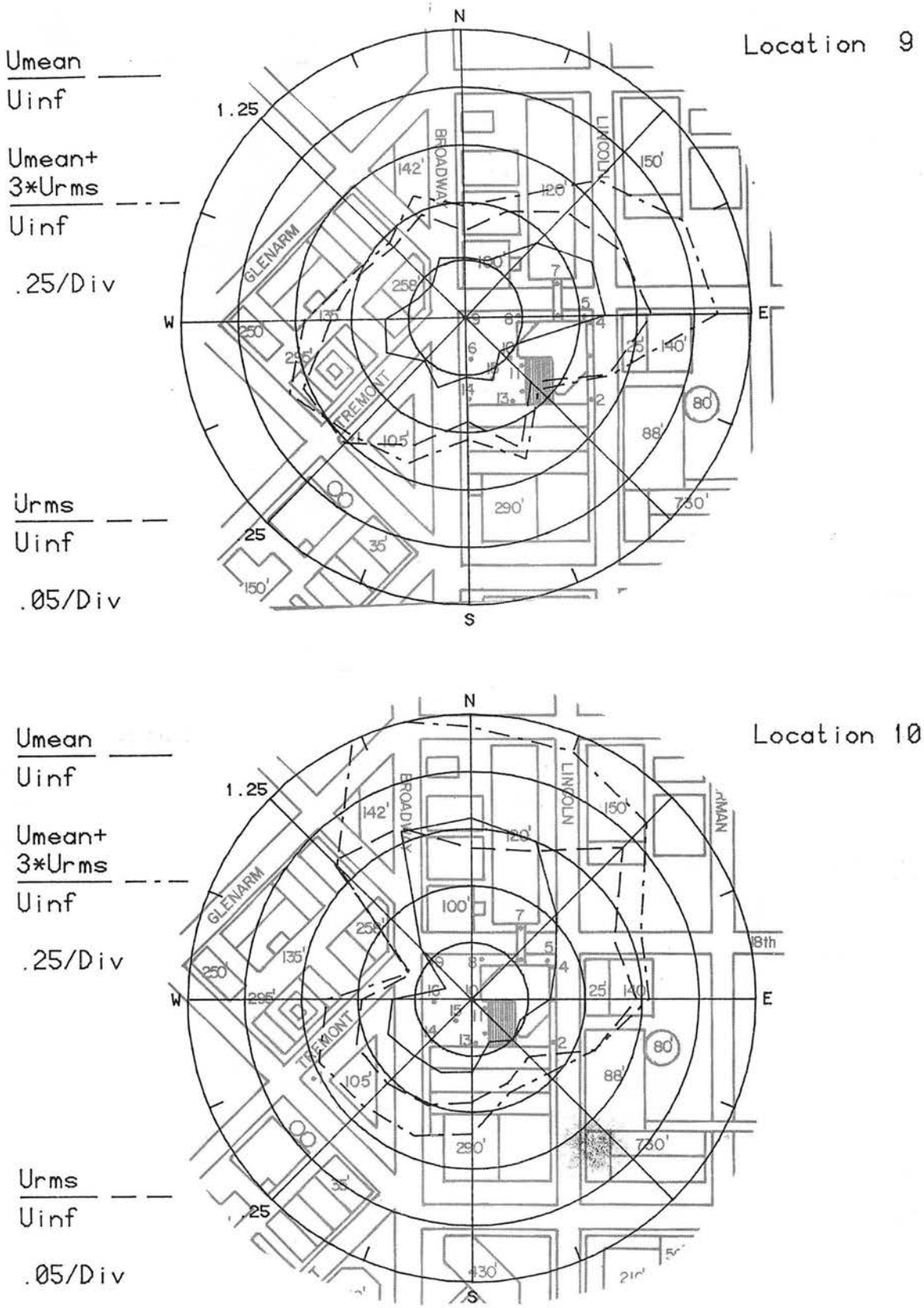


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

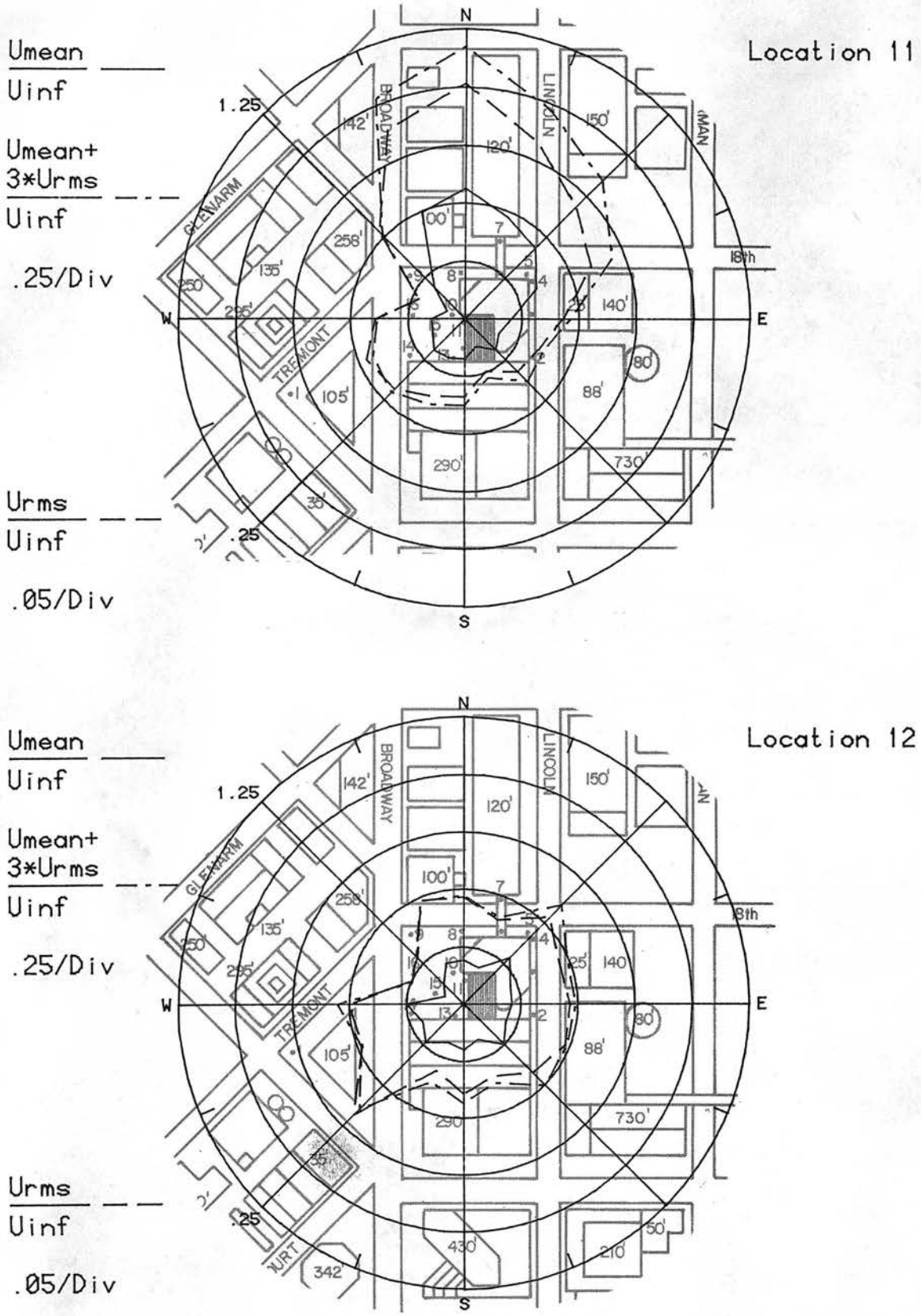


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

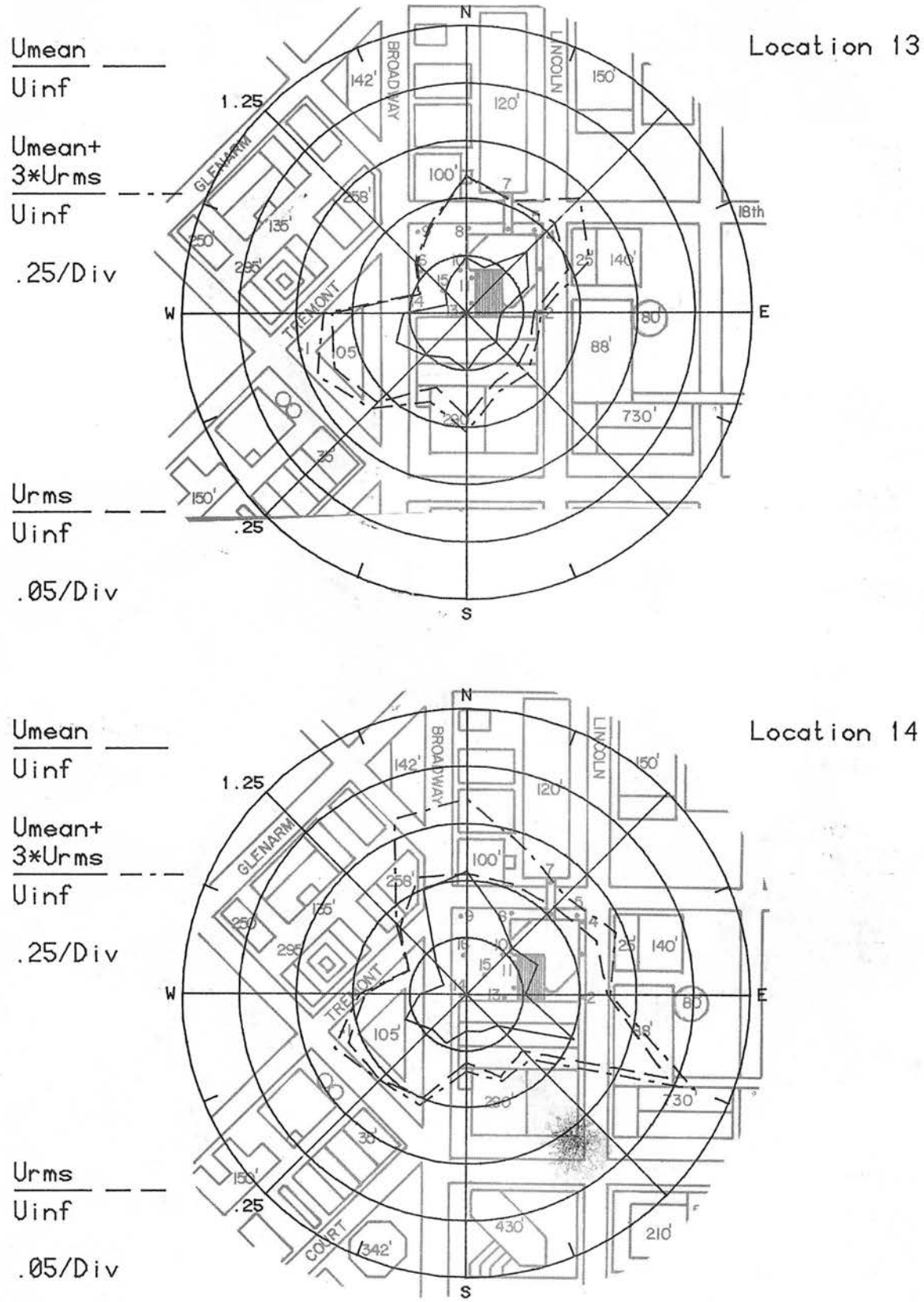
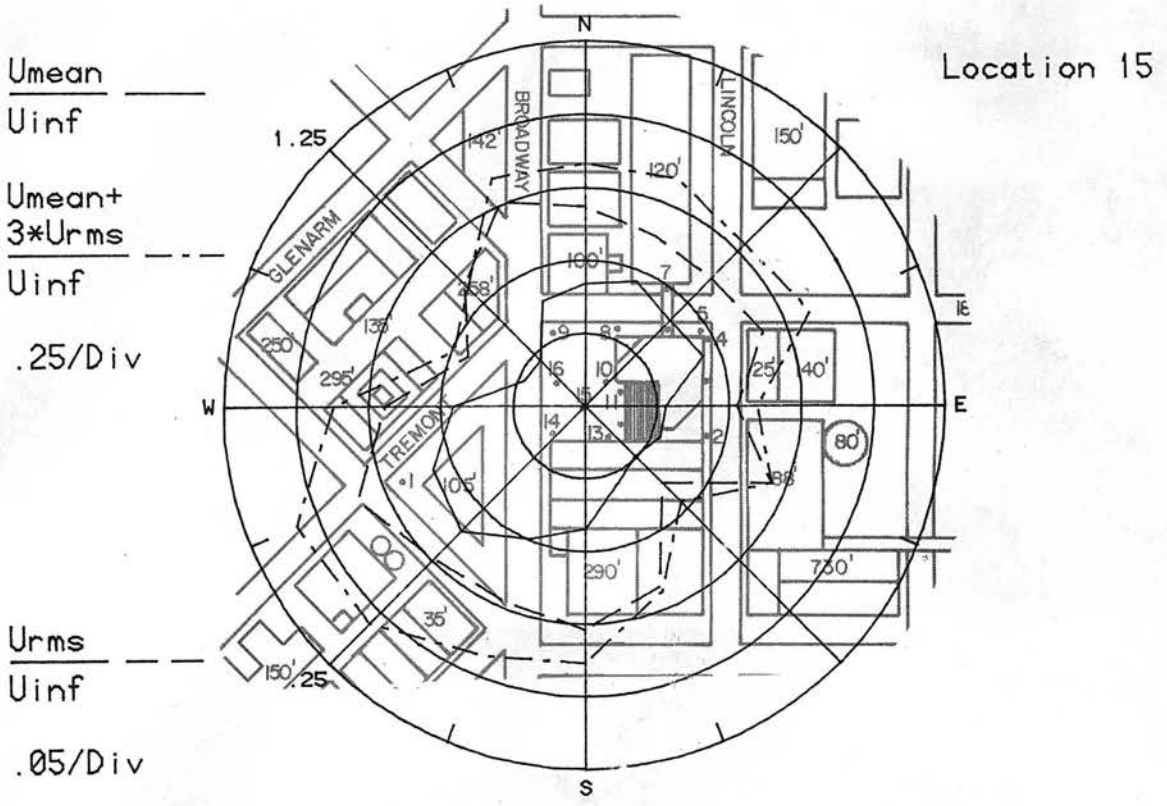


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14



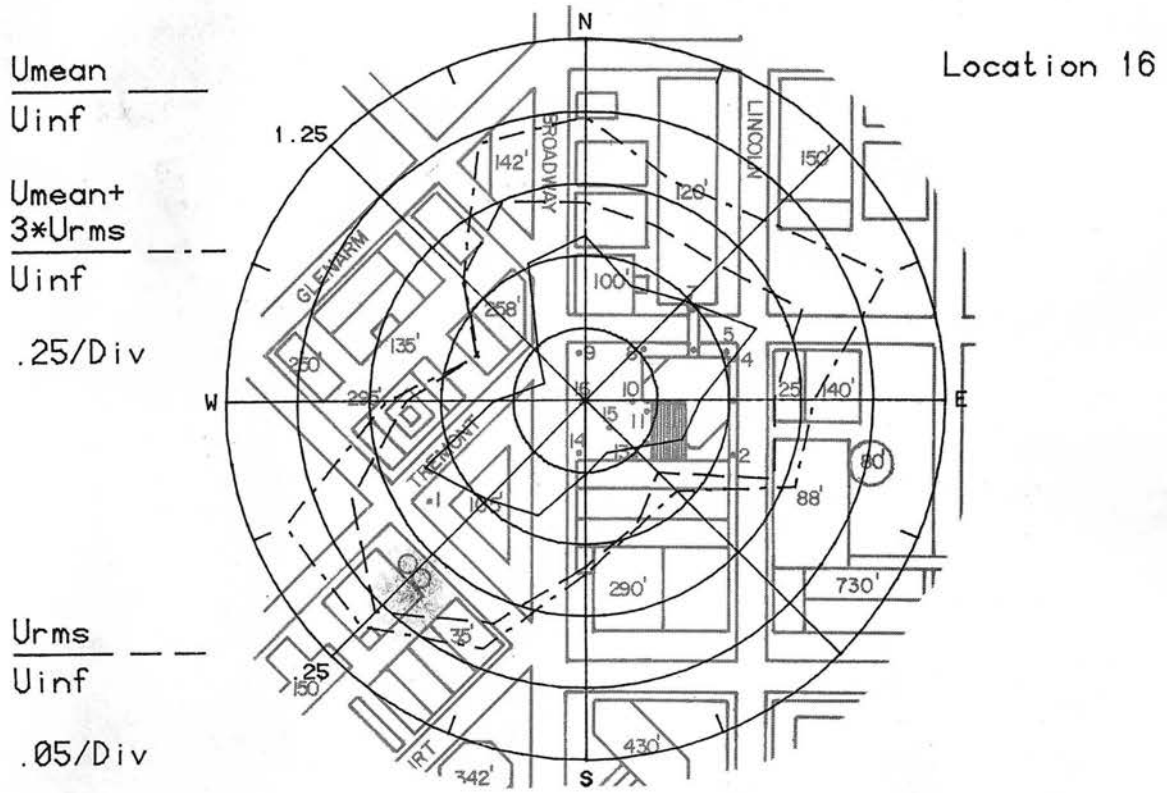


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

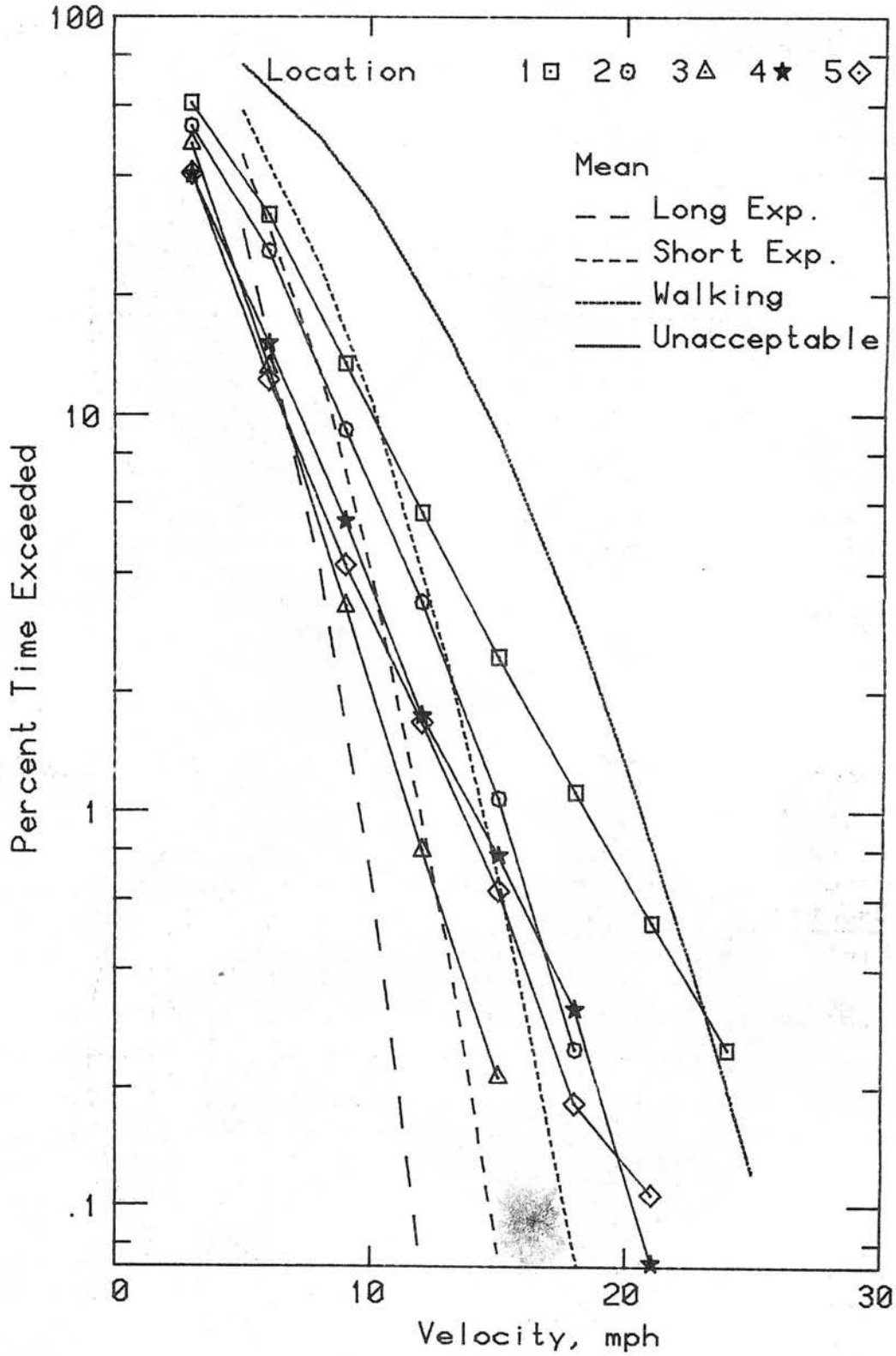


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

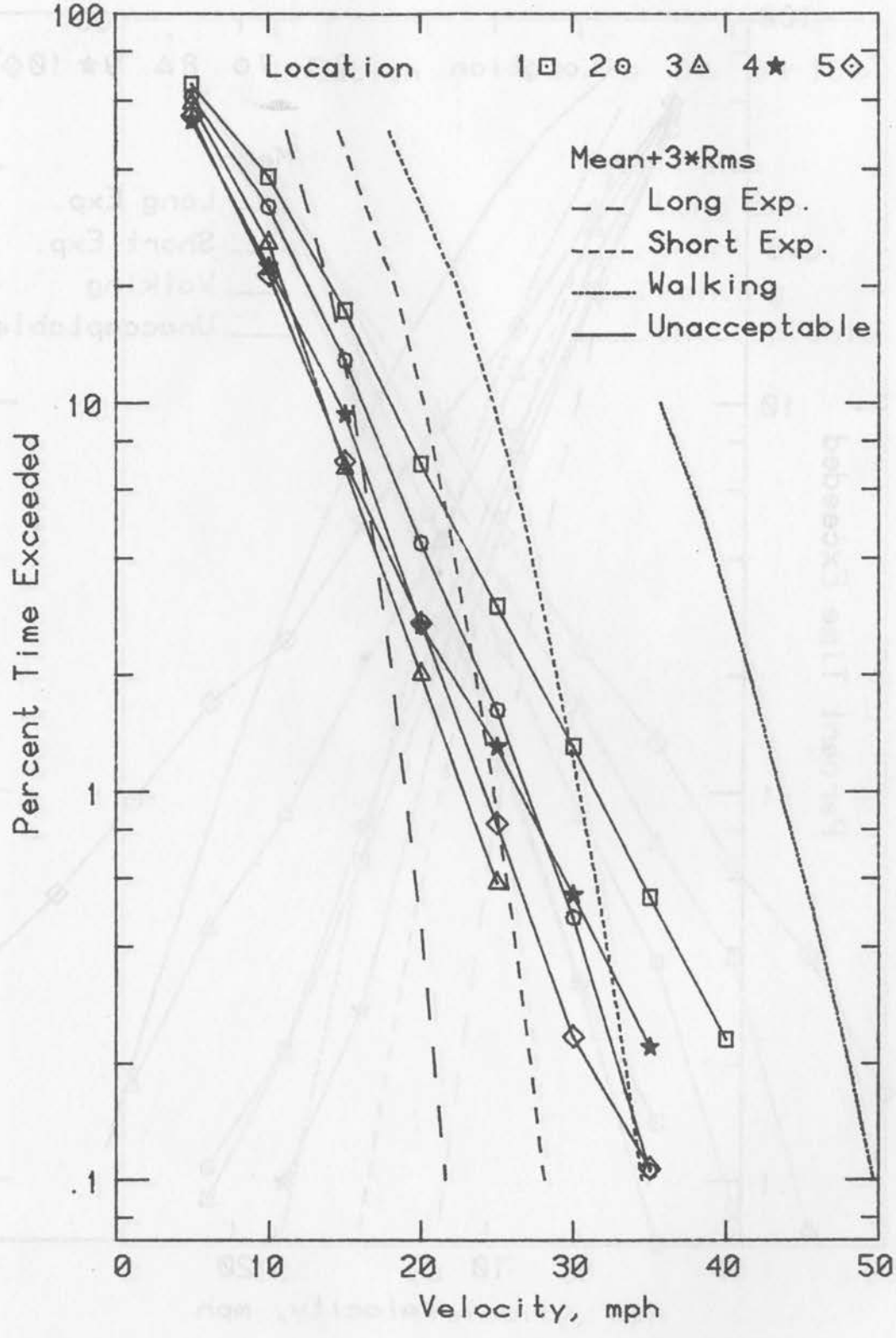


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

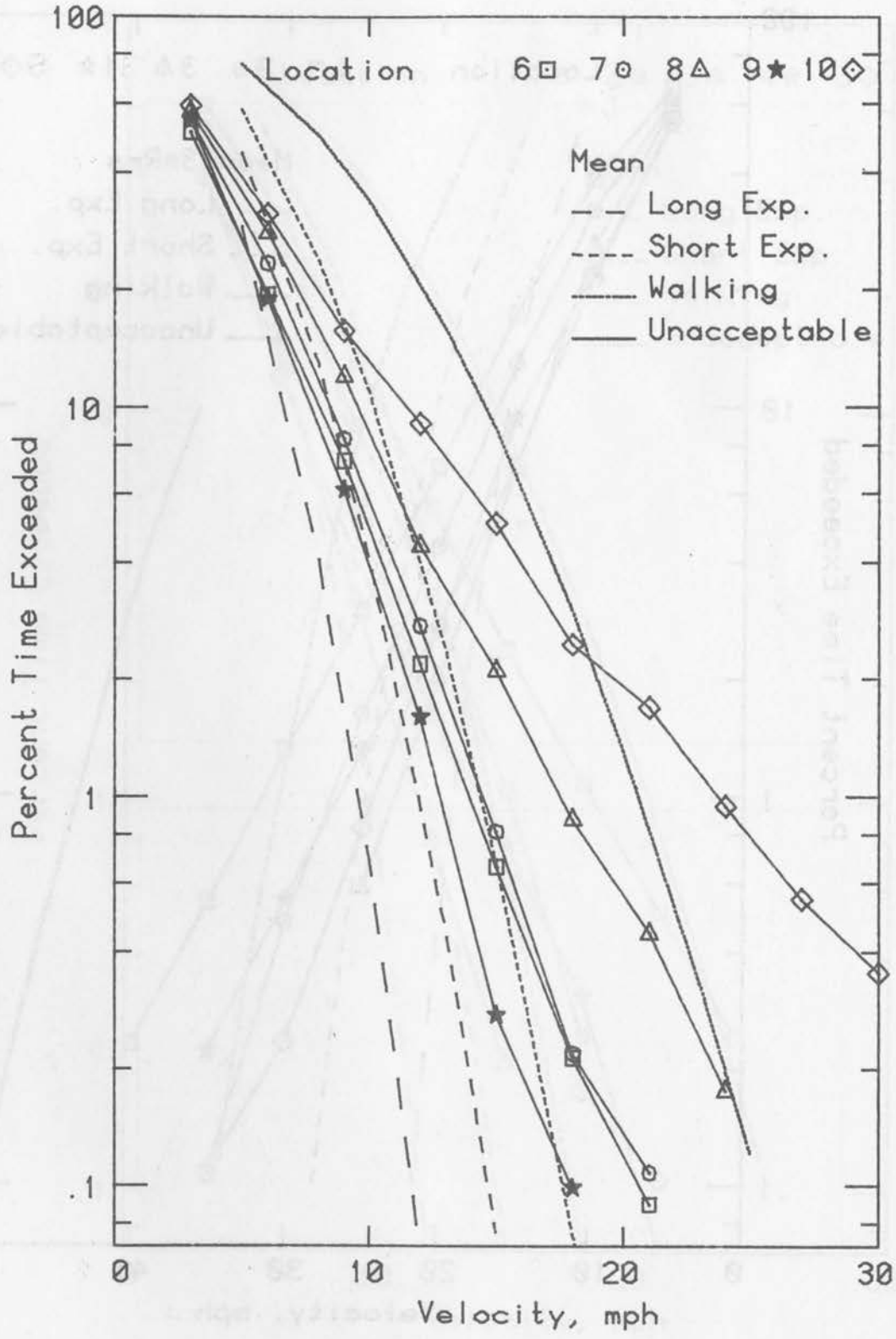


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

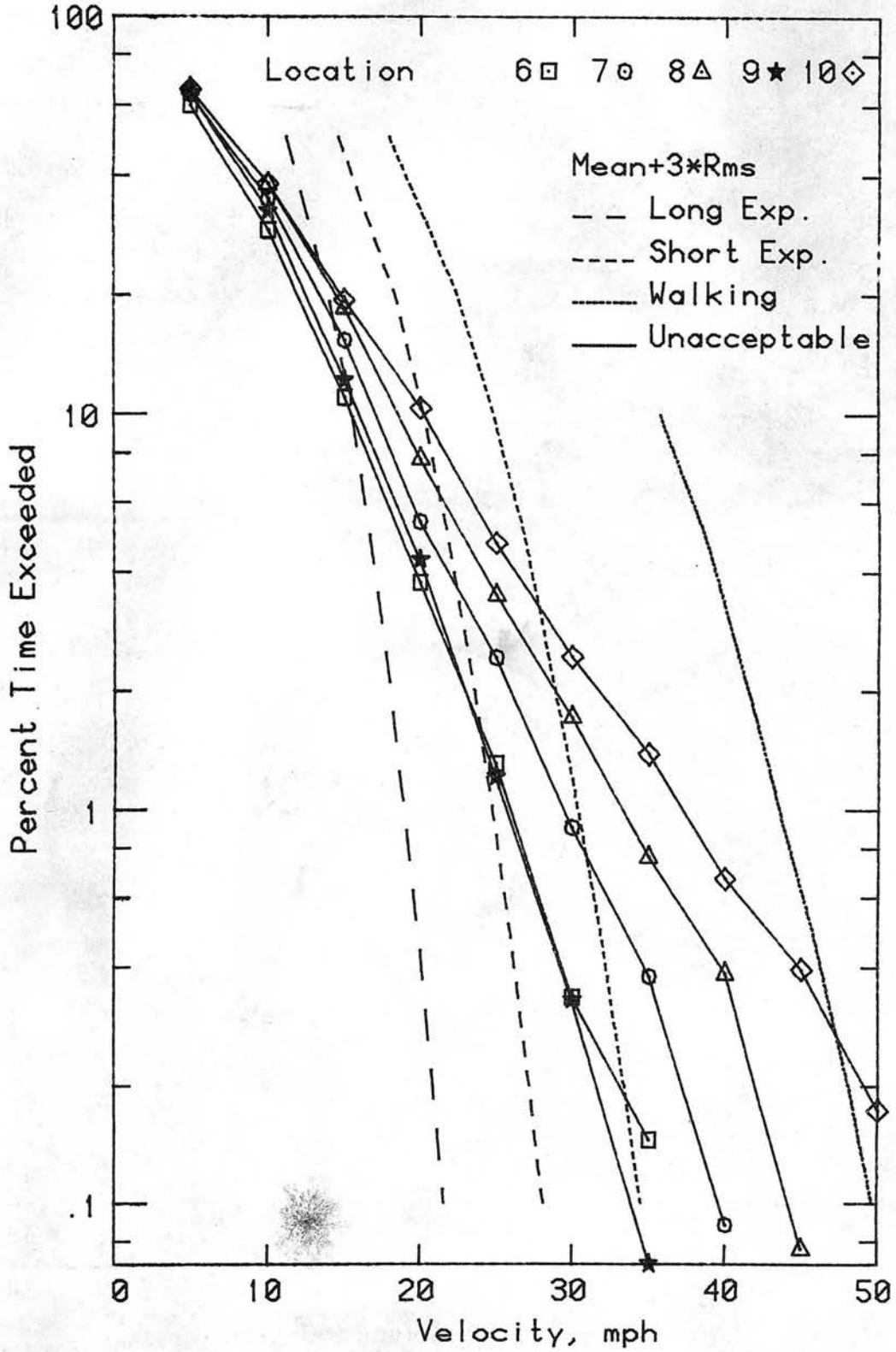


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

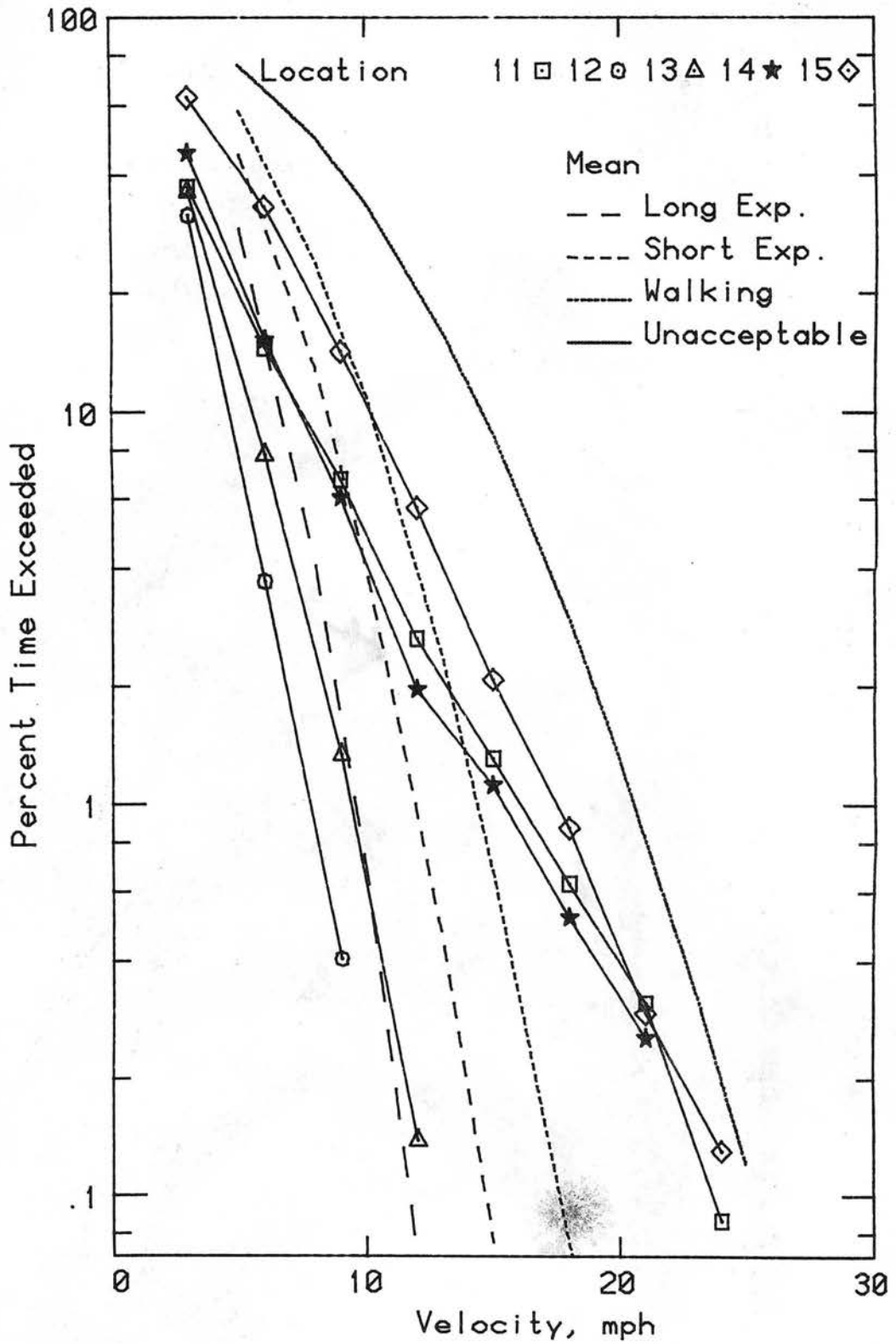


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

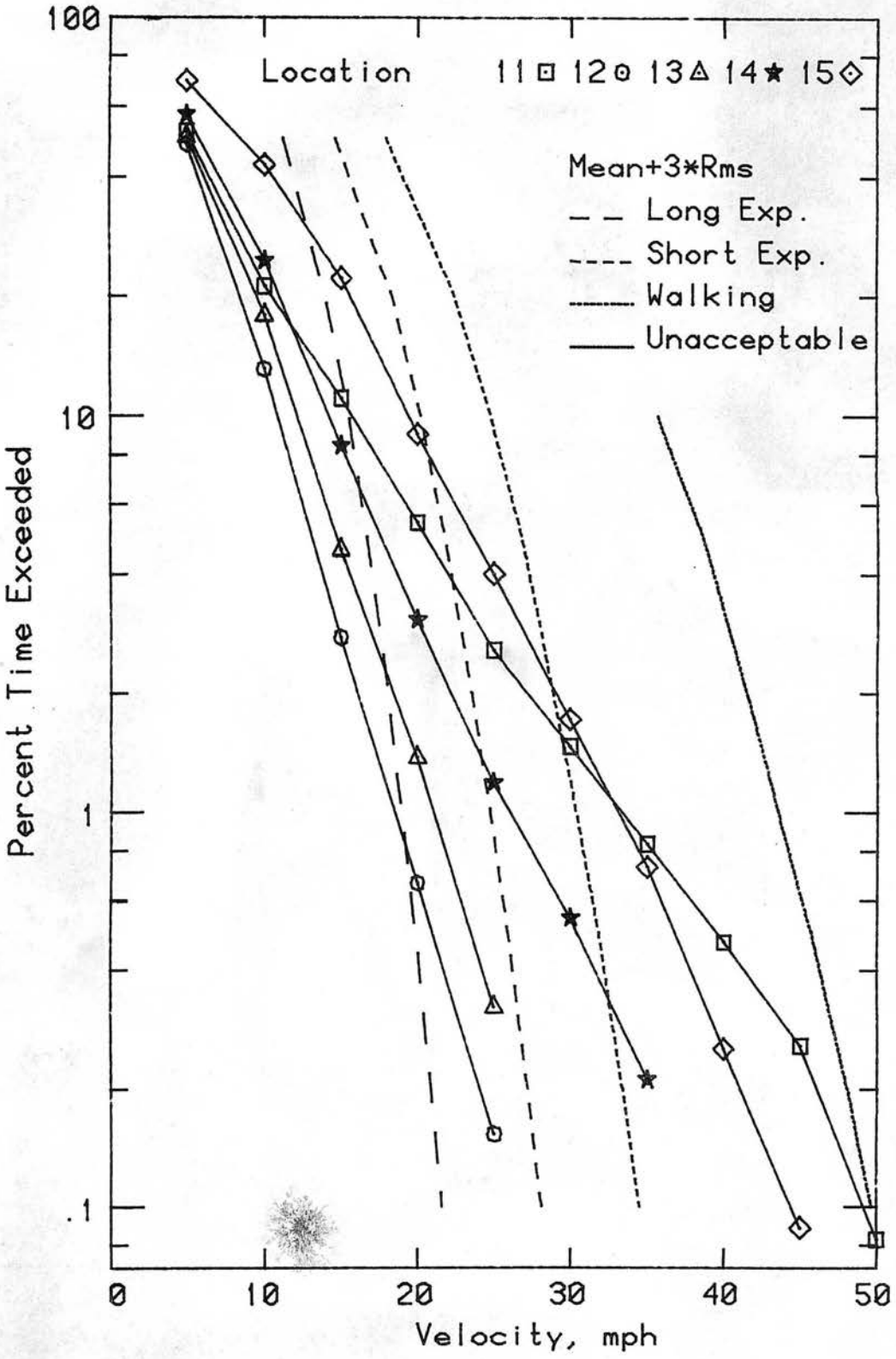


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

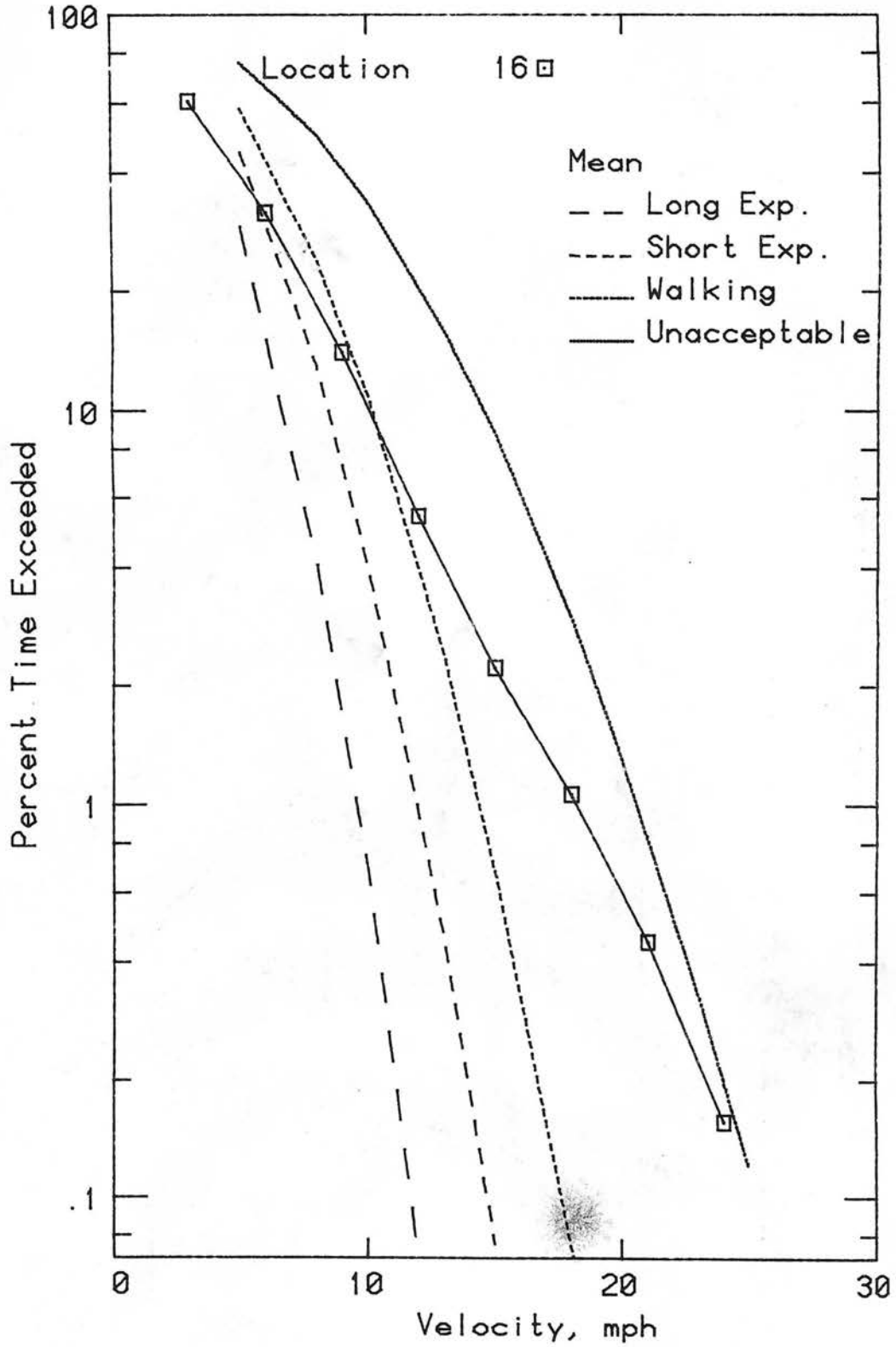


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

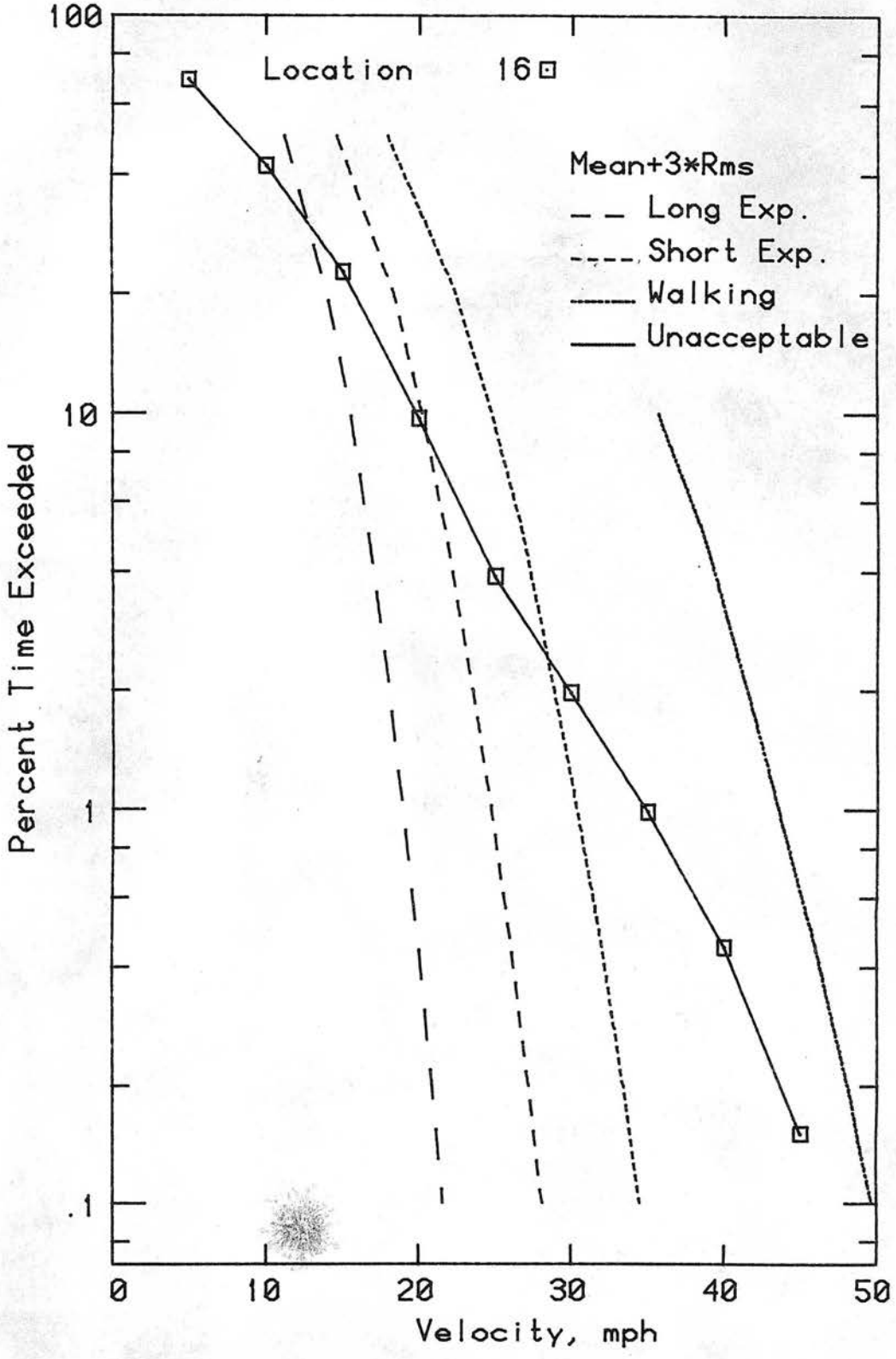
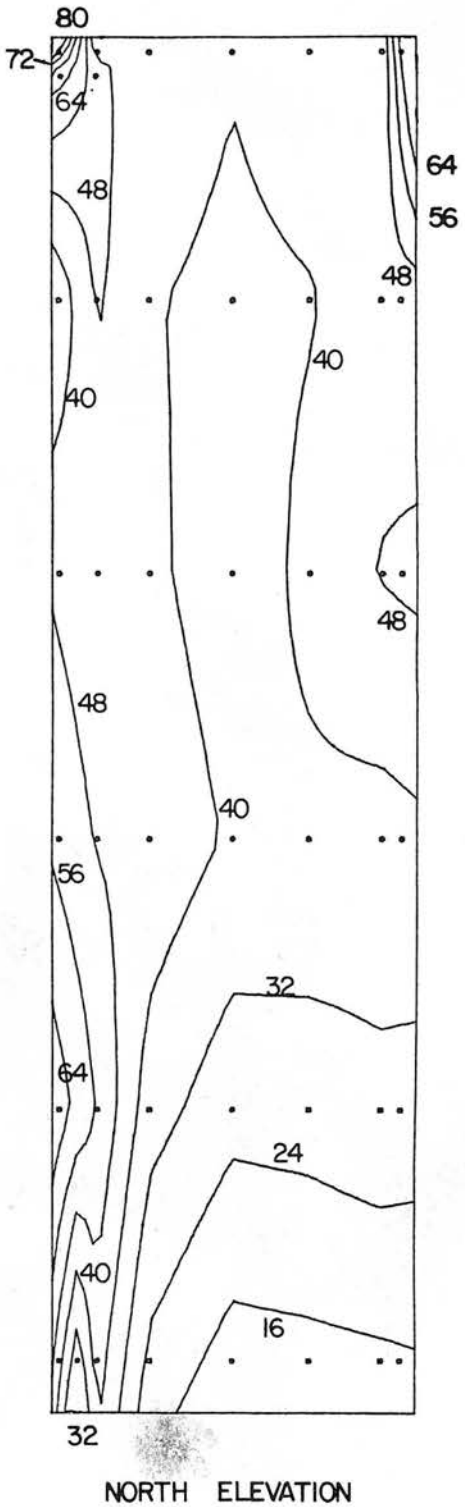
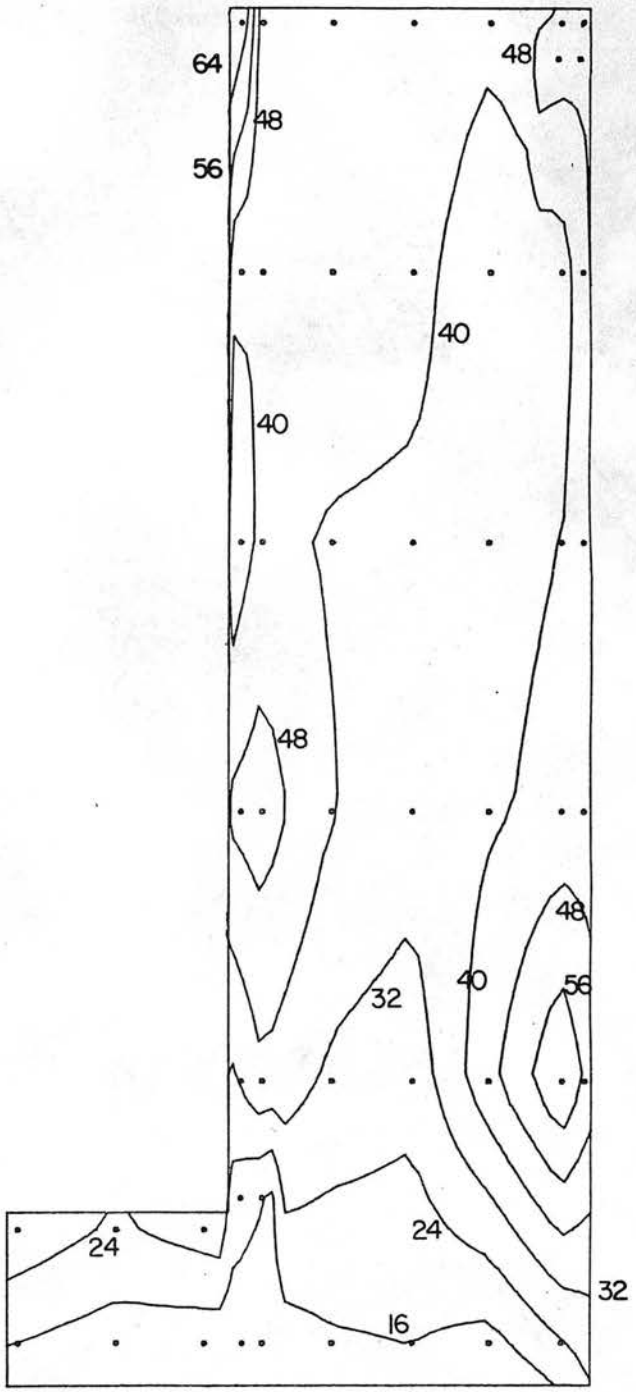


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations



CLADDING LOADS
REFERENCE PRESSURE = 21 PSF

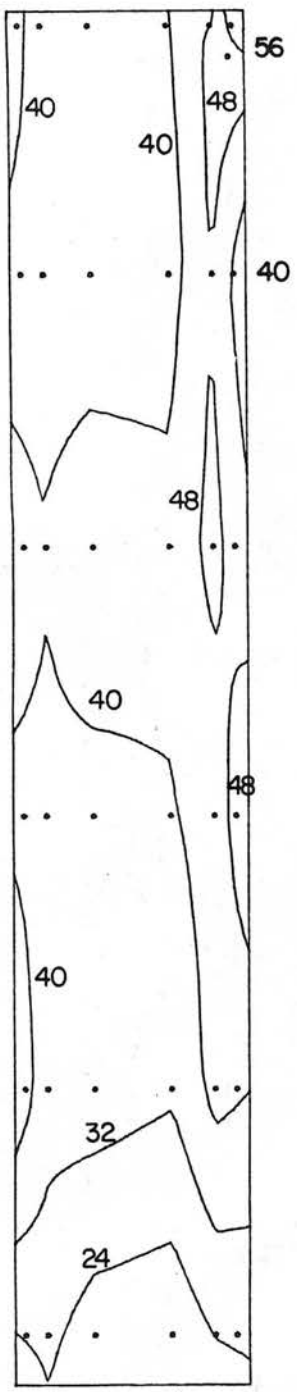
FIGURE 10a. PEAK PRESSURE LOADS ON THE BUILDING.



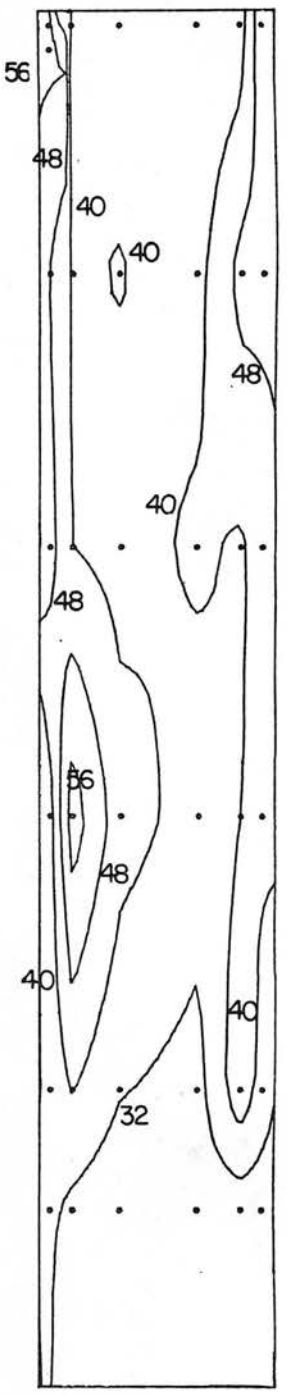
EAST ELEVATION

CLADDING LOADS
REFERENCE PRESSURE = 21 PSF

FIGURE 10b. PEAK PRESSURE LOADS ON BUILDING.



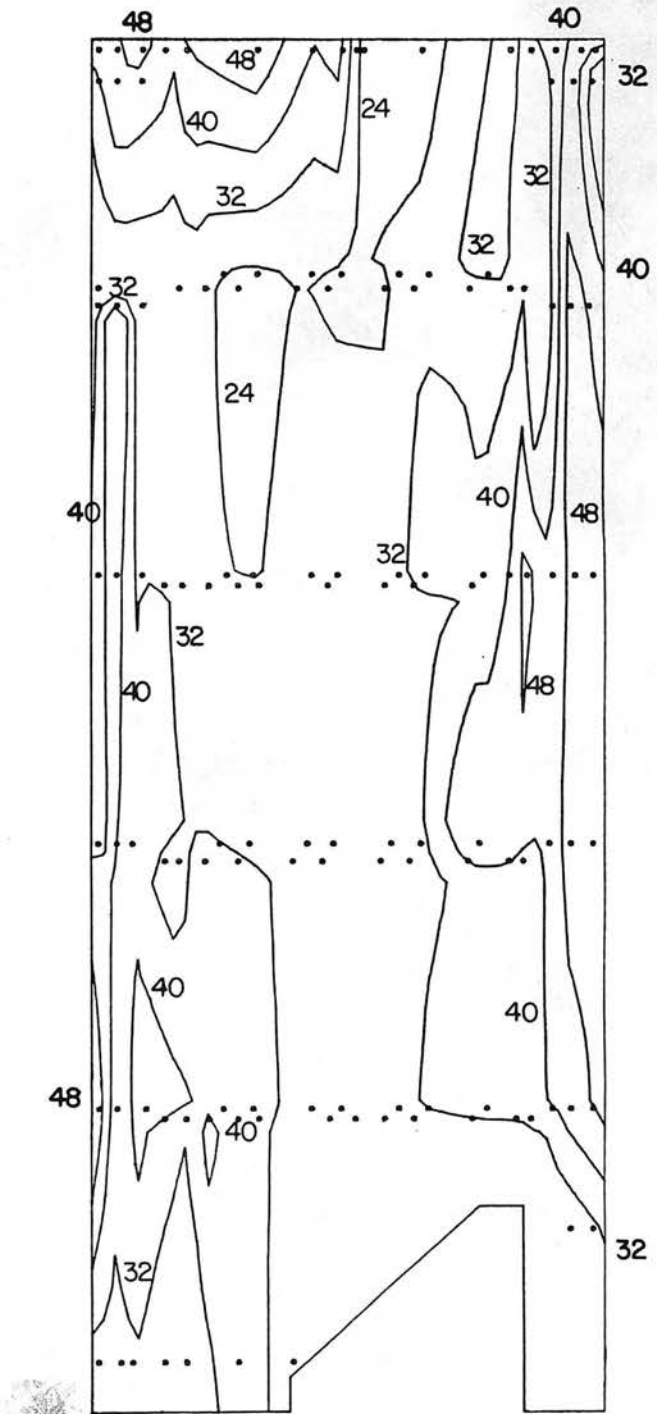
NORTH-WEST ELEVATION



SOUTH-EAST ELEVATION

CLADDING LOADS
REFERENCE PRESSURE = 21 PSF

FIGURE 10c. PEAK PRESSURE LOADS ON BUILDING



SOUTH - WEST ELEVATION

CLADDING LOADS
REFERENCE PRESSURE = 21 PSF

FIGURE 10d. PEAK PRESSURE LOADS ON BUILDING

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

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

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

PROJECT "C"

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	62.3	12.7	100.4
22.50	54.9	13.3	94.8
45.00	65.0	13.4	105.2
67.50	51.1	11.5	85.6
90.00	26.6	10.4	57.7
112.50	29.9	7.8	53.2
135.00	40.0	9.4	68.2
157.50	40.0	8.5	65.3
180.00	34.3	8.1	58.7
202.50	36.3	10.2	66.9
225.00	41.4	11.5	75.9
247.50	34.5	13.6	75.2
270.00	32.8	13.3	72.5
292.50	24.6	10.6	56.4
315.00	14.8	5.9	32.5
337.50	46.5	13.4	86.7

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	38.2	8.2	62.8
22.50	45.3	11.6	80.1
45.00	52.4	12.1	88.6
67.50	45.6	17.0	96.5
90.00	33.2	13.4	73.3
112.50	31.5	12.0	67.6
135.00	30.6	14.0	72.5
157.50	39.2	11.8	74.5
180.00	42.9	10.7	75.0
202.50	44.1	11.9	79.9
225.00	40.0	8.6	65.9
247.50	48.1	15.0	93.2
270.00	19.1	9.2	46.8
292.50	10.9	5.9	28.7
315.00	10.7	5.2	26.3
337.50	27.4	10.0	57.4

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	37.5	9.0	64.5
22.50	35.1	7.9	58.8
45.00	35.3	10.1	65.7
67.50	20.7	8.3	45.5
90.00	22.8	9.2	50.3
112.50	24.1	9.5	52.6
135.00	23.6	9.3	51.4
157.50	22.0	8.0	46.0
180.00	28.4	10.3	59.2
202.50	27.5	9.9	57.1
225.00	27.3	11.6	62.2
247.50	24.2	12.2	61.0
270.00	28.1	10.2	58.8
292.50	15.0	10.1	45.3
315.00	20.7	10.1	51.0
337.50	33.2	11.6	68.0

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	45.9	13.3	85.8
22.50	27.9	9.8	57.3
45.00	18.3	6.7	38.3
67.50	34.5	14.4	77.5
90.00	43.1	13.3	83.0
112.50	54.9	13.1	94.1
135.00	19.8	8.9	46.5
157.50	11.3	4.2	23.8
180.00	13.3	5.2	29.0
202.50	15.5	6.3	34.5
225.00	14.7	8.2	39.2
247.50	13.7	7.5	36.2
270.00	19.7	9.4	47.8
292.50	21.9	9.8	51.2
315.00	30.8	9.5	59.3
337.50	51.8	12.9	90.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

PROJECT "C"

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.1	10.2	63.7
22.50	21.0	9.3	48.9
45.00	25.2	7.8	48.7
67.50	31.0	14.7	75.2
90.00	56.6	16.9	107.4
112.50	78.9	15.4	125.2
135.00	20.9	10.8	53.3
157.50	12.6	4.9	27.3
180.00	16.7	7.2	38.2
202.50	19.4	9.0	46.3
225.00	12.7	8.5	38.3
247.50	21.8	12.1	58.2
270.00	12.6	5.6	29.6
292.50	20.1	7.9	43.6
315.00	26.1	8.5	51.6
337.50	37.9	11.4	72.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	26.8	11.7	61.9
22.50	45.3	12.6	83.1
45.00	51.6	7.6	74.5
67.50	45.1	9.4	73.4
90.00	54.9	12.9	93.7
112.50	73.3	18.6	129.2
135.00	16.3	8.1	40.7
157.50	11.8	4.3	24.8
180.00	20.6	8.4	45.6
202.50	16.6	6.9	37.2
225.00	23.1	12.1	59.5
247.50	43.9	12.5	81.3
270.00	27.8	8.6	53.6
292.50	18.5	7.6	41.2
315.00	23.5	9.8	52.9
337.50	32.3	14.4	75.5

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.2	17.5	85.7
22.50	42.3	14.4	85.5
45.00	44.2	8.9	71.0
67.50	37.3	11.6	72.1
90.00	53.8	12.2	90.5
112.50	76.3	15.6	123.2
135.00	17.8	8.0	41.9
157.50	16.4	5.0	31.5
180.00	28.8	10.2	59.4
202.50	32.0	10.7	64.0
225.00	35.8	15.1	80.9
247.50	51.0	11.2	84.6
270.00	26.8	8.7	52.9
292.50	18.4	7.9	42.0
315.00	14.7	8.7	40.8
337.50	30.2	21.2	93.8

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	59.9	14.5	103.4
22.50	53.5	15.6	100.3
45.00	36.5	9.8	65.8
67.50	28.7	9.2	56.3
90.00	25.8	9.7	54.8
112.50	33.4	12.7	71.5
135.00	16.7	6.6	36.4
157.50	21.8	8.0	45.8
180.00	31.8	10.4	62.9
202.50	36.7	13.1	76.0
225.00	39.5	19.2	97.3
247.50	54.0	13.8	95.4
270.00	34.4	11.4	68.7
292.50	14.5	8.3	39.5
315.00	30.0	11.9	65.7
337.50	48.3	15.3	94.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

PROJECT "C"

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.9	7.5	48.4
22.50	26.5	9.9	56.2
45.00	44.8	12.7	83.0
67.50	60.4	14.7	104.4
90.00	61.2	16.3	110.2
112.50	27.6	13.4	67.9
135.00	20.9	8.0	44.9
157.50	29.5	12.4	66.5
180.00	25.9	9.1	53.0
202.50	32.7	11.9	68.5
225.00	25.8	15.3	71.6
247.50	37.6	15.6	84.3
270.00	35.4	11.8	70.8
292.50	22.6	10.0	52.7
315.00	20.3	8.8	46.7
337.50	28.1	9.7	57.2

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	79.6	13.3	119.5
22.50	75.0	14.1	117.3
45.00	52.8	18.8	109.2
67.50	40.0	13.6	80.7
90.00	34.6	14.5	78.2
112.50	23.4	11.7	58.6
135.00	25.2	7.2	46.7
157.50	20.2	8.1	44.5
180.00	32.1	9.1	59.5
202.50	35.1	10.2	65.5
225.00	35.6	10.5	67.2
247.50	39.9	11.0	72.8
270.00	34.9	9.6	63.8
292.50	12.6	5.7	29.7
315.00	31.7	17.2	83.3
337.50	79.9	16.3	128.8

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	56.4	20.3	117.3
22.50	47.7	16.5	97.2
45.00	43.4	13.7	84.6
67.50	33.9	11.9	69.6
90.00	20.4	8.6	46.3
112.50	16.2	7.0	37.0
135.00	18.9	6.5	38.5
157.50	12.9	4.9	27.6
180.00	17.3	6.8	37.5
202.50	18.3	7.3	40.2
225.00	19.3	8.7	45.2
247.50	15.5	9.3	43.6
270.00	14.9	7.8	38.4
292.50	8.7	4.4	22.0
315.00	19.3	10.6	51.1
337.50	49.7	17.7	102.8

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.2	9.3	47.1
22.50	17.2	7.9	40.9
45.00	28.7	10.7	60.7
67.50	22.1	9.1	49.5
90.00	21.1	9.4	49.1
112.50	19.9	9.6	48.6
135.00	24.9	8.5	50.5
157.50	16.8	6.8	37.3
180.00	19.8	7.8	43.4
202.50	18.0	6.3	36.8
225.00	23.6	13.7	64.6
247.50	19.5	9.6	48.3
270.00	25.1	10.0	55.1
292.50	9.1	5.1	24.4
315.00	12.3	5.7	29.4
337.50	19.5	9.7	48.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

PROJECT "C"

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	24.1	11.9	59.8
22.50	21.1	10.5	52.6
45.00	37.4	11.0	70.4
67.50	29.6	9.7	58.7
90.00	15.3	5.9	33.1
112.50	15.0	6.1	33.4
135.00	18.3	6.4	37.5
157.50	17.6	6.5	37.2
180.00	24.8	9.1	52.2
202.50	20.9	7.0	42.0
225.00	25.9	11.1	59.1
247.50	33.3	12.5	70.9
270.00	27.4	11.8	62.8
292.50	9.4	4.4	22.5
315.00	13.2	6.1	31.5
337.50	17.2	8.1	41.5

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	53.9	10.6	85.7
22.50	37.4	10.5	68.9
45.00	28.6	10.9	61.2
67.50	33.9	12.4	71.1
90.00	25.9	12.4	63.3
112.50	51.2	19.2	108.7
135.00	19.5	7.0	40.5
157.50	17.7	7.9	41.3
180.00	15.9	6.1	34.2
202.50	23.2	10.0	53.1
225.00	21.8	10.7	53.9
247.50	29.1	11.3	62.9
270.00	20.3	8.9	47.0
292.50	11.1	5.5	27.6
315.00	18.9	8.3	43.8
337.50	49.7	11.1	83.0

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	42.0	13.7	83.1
22.50	46.3	12.6	84.1
45.00	41.4	12.3	78.4
67.50	44.2	13.4	84.3
90.00	28.0	10.5	59.7
112.50	28.1	13.9	70.0
135.00	24.2	7.5	46.7
157.50	28.8	13.5	69.2
180.00	42.3	15.4	88.4
202.50	49.2	14.6	92.8
225.00	60.8	14.8	105.2
247.50	56.9	17.0	107.9
270.00	45.6	13.8	87.1
292.50	22.8	8.8	49.2
315.00	22.0	11.8	57.4
337.50	39.0	15.2	84.6

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	56.9	13.7	98.0
22.50	42.3	13.0	81.3
45.00	48.4	13.1	87.7
67.50	64.3	16.3	113.2
90.00	39.9	13.1	79.3
112.50	36.1	14.3	78.9
135.00	23.5	7.1	44.8
157.50	19.8	9.3	47.8
180.00	25.8	11.6	60.7
202.50	42.9	16.7	93.1
225.00	48.3	20.7	110.4
247.50	60.2	17.6	112.8
270.00	31.5	12.4	68.7
292.50	15.5	8.2	40.1
315.00	23.5	12.0	59.5
337.50	51.3	14.9	96.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

.DENVER, COLORADO STAPLETON INTRNL. AIRPORT (1960-1964)

SEASON : ANNUAL NO. OF OBS.= 3645 HT. OF MEAS.= 984. FT.

DIRECTION	0-10	11-22	23-33	34-45	46-56	57-68	69 +	TOTAL
N	2.66	3.65	.91	.44	0.00	0.00	0.00	7.65
NNE	2.74	3.37	.82	.08	0.00	0.00	0.00	7.02
NE	2.55	2.33	.27	.03	0.00	0.00	0.00	5.19
ENE	2.77	1.84	.14	.03	0.00	0.00	0.00	4.77
E	2.03	1.84	.08	0.00	0.00	0.00	0.00	3.95
ESE	2.63	1.56	.14	.03	0.00	0.00	0.00	4.36
SE	1.98	1.76	.14	0.00	0.00	0.00	0.00	3.87
SSE	2.25	1.65	.25	.14	0.00	0.00	0.00	4.28
S	2.30	2.44	.63	.14	.03	0.00	0.00	5.54
SSW	2.88	3.73	.77	.22	0.00	0.00	0.00	7.60
SW	2.79	4.09	.52	.22	.03	0.00	0.00	8.64
WSW	3.76	3.24	.33	.05	0.00	0.00	0.00	7.38
W	3.84	2.99	.82	.19	0.00	0.00	0.00	7.85
WNW	3.24	3.21	1.95	.47	.11	.03	0.00	9.00
NW	2.85	2.99	.93	.16	.03	0.00	0.00	6.97
NNW	2.72	2.55	.33	.08	.03	0.00	0.00	5.71
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.22
TOT	44.99	43.24	9.03	2.28	.22	.03	0.00	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 extreme value analysis of Denver fastest mile winds*:

   >100-yr fastest mile at 30 ft = 70 mph.

   Mean hourly wind speed, 30 ft = $\frac{70}{1.27}$ = 55.1 mph.

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

   Mean hourly wind speed at ref. location at 1130 ft = U_∞ =

   $100\left(\frac{1130}{1250}\right)^{.26}$ = 97.4 mph.

   Reference Pressure at 5000 ft = 0.86 (0.00256) $(97.4)^2$ = <u>21 psf</u>

2. Gust load factors to convert hourly mean integrated load to mean load for various gust durations (see section 4.4)

Duration, Sec	Gust Load Factor
10-15	$(1.4)^2$ = 1.96
30	$(1.32)^2$ = 1.74
45	$(1.28)^2$ = 1.64

*Analysis shown on attached drawing. Similar values will appear in the revised ANSI A58.1. Since 70 mph will be the lowest wind permitted in the revised ANSI A58.1, that value is used here.

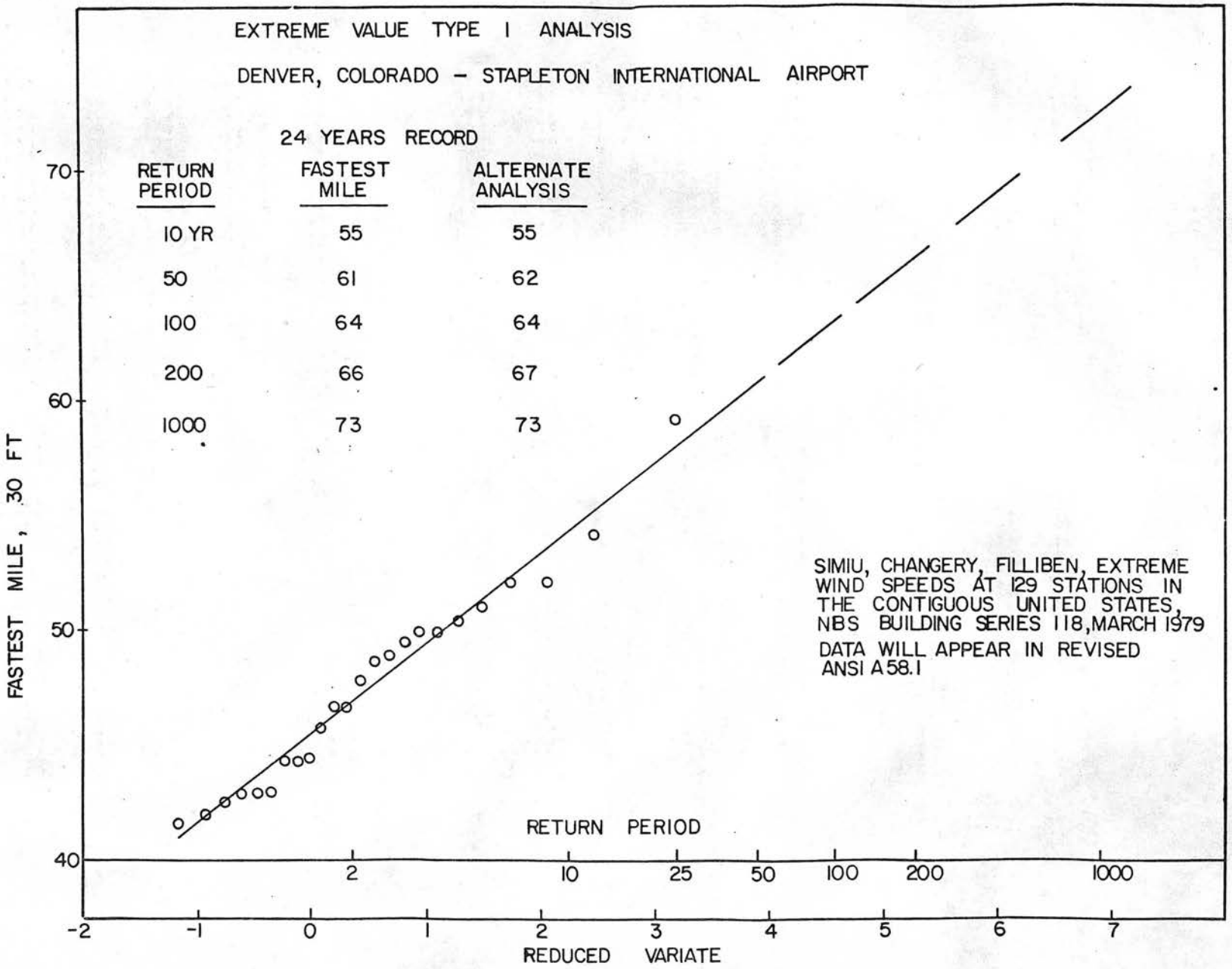


TABLE 5 – CONTINUED

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : PROJECT 'C' ,DENVER
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 21 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
100	80	4.18	87.7	16.1
101	80	2.10	44.2	14.8
102	80	2.15	45.1	13.1
103	90	1.94	40.7	14.3
104	250	2.13	44.7	15.1
105	250	1.95	41.0	15.7
106	280	3.09	65.0	17.5
107	180	1.63	34.2	21.1
108	280	2.34	49.1	19.6
109	80	1.93	40.5	19.4
110	80	1.81	37.9	21.6
111	280	1.88	39.4	22.0
112	280	2.09	43.9	22.3
113	90	2.06	43.2	20.6
114	180	2.20	46.2	19.9
115	80	2.01	42.2	18.9
116	80	1.99	41.9	20.0
117	270	1.67	35.0	19.5
118	270	2.01	42.2	20.2
119	270	2.31	48.6	21.9
120	270	2.35	49.3	21.5
121	80	2.54	53.4	17.6
122	80	2.26	47.4	18.0
123	80	2.20	46.1	18.8
124	80	1.86	39.0	17.1
125	240	1.81	38.0	17.8
126	240	1.75	36.8	18.0
127	270	1.79	37.6	17.6
128	90	3.23	67.9	9.5
129	80	2.65	55.6	10.0
130	100	1.70	35.6	12.0
131	100	1.27	26.8	12.7
132	230	1.32	27.7	13.4
133	230	1.43	30.0	14.6
134	240	1.40	29.4	14.3
135	100	2.04	42.8	14.4
136	100	1.28	26.9	8.1
137	110	2.08	43.8	12.0
138	110	1.05	22.0	11.9
139	100	.60	12.6	11.6
140	110	.64	13.5	12.9
141	100	.69	14.6	11.2
142	70	.71	15.0	10.1
143	110	.82	17.3	12.8
144	110	.75	15.7	13.0
145	230	1.19	25.0	2.9
150	80	3.02	63.3	18.6
151	80	2.57	54.0	18.8
200	40	2.05	43.0	19.4
201	80	1.61	33.7	21.0
202	210	1.74	36.5	21.4
203	210	1.87	39.3	23.4
204	100	2.24	47.0	26.3
205	230	2.78	58.4	28.0
206	90	2.17	45.7	23.9
207	210	2.23	46.9	20.8
208	90	2.51	52.7	20.1
209	100	1.93	40.5	18.8
210	300	2.15	45.1	19.8
211	50	1.58	33.2	21.5
212	330	1.51	31.7	21.2
213	330	1.36	28.5	20.4
214	320	1.54	32.3	18.6
215	320	1.33	27.8	22.0
216	110	1.23	25.8	19.1
217	320	1.44	30.2	17.6
218	110	1.32	27.7	18.3
219	130	1.93	40.5	20.9
220	230	1.72	36.1	21.3
221	30	1.73	36.4	21.7
222	230	1.70	35.8	19.9
223	240	1.73	36.4	18.0
224	240	2.27	47.6	19.3
225	240	1.85	38.8	20.6
226	320	1.60	33.6	20.0
227	220	2.47	51.9	22.4
228	300	1.13	23.7	18.9
229	320	1.27	26.7	22.1
230	240	.85	17.8	17.8
231	320	1.16	24.4	22.6
232	320	1.11	23.2	22.4
233	120	1.08	22.6	21.6
234	120	1.42	29.7	21.4
235	120	1.44	30.3	22.2
236	120	1.32	27.7	20.7
237	120	1.49	31.2	22.7
238	30	2.03	42.6	20.2
239	30	1.94	40.7	19.3
240	240	2.11	44.3	18.5
241	240	2.03	42.6	15.7
242	250	2.41	50.5	11.1
243	240	2.16	45.3	11.6
244	320	1.78	37.4	19.6
245	240	2.10	44.0	17.7
246	40	1.32	27.8	16.8
247	320	1.79	37.7	19.0
248	340	1.40	29.3	19.8
249	340	1.32	27.6	20.1
250	120	1.31	27.6	19.3
251	120	1.32	27.7	21.2
252	120	1.39	29.2	20.3
253	120	1.50	31.6	19.4
254	120	1.57	33.0	15.4
255	120	1.87	39.2	25.5
256	40	1.83	38.4	18.4
257	40	1.83	38.5	19.4
258	80	1.81	37.9	19.0
259	240	1.87	39.4	15.5
260	240	2.05	43.0	9.4
261	240	2.43	51.1	5.4
262	320	1.88	39.4	5.2
263	230	1.93	40.5	11.3
264	80	1.80	37.8	13.4
265	340	1.93	40.6	16.8
266	320	1.76	37.0	16.6
267	320	1.35	28.4	18.2
268	330	1.53	32.2	16.9
269	40	1.35	28.3	18.0
270	120	1.28	27.0	18.4
271	120	1.62	34.1	18.5
272	120	1.70	35.7	17.6
273	120	1.47	30.9	20.0
274	30	2.02	42.5	12.8
275	30	1.70	35.8	11.1
276	80	1.72	36.2	10.5
277	240	1.58	33.3	9.9
278	240	2.03	42.6	5.5
279	240	1.96	41.1	5.5
280	340	2.48	52.0	.6
281	330	1.59	33.5	.8
282	340	2.27	47.6	13.7
283	340	2.09	43.8	11.3
284	340	1.58	33.1	12.0
285	320	1.56	32.8	12.9
286	340	1.34	28.1	14.3
287	340	1.23	25.9	12.6
288	120	1.09	22.8	13.2
289	90	1.13	23.7	12.7
290	100	1.33	27.8	13.6
291	80	1.32	27.8	13.1
292	100	1.47	30.9	14.4
293	120	1.28	27.0	20.8
294	10	1.83	38.3	11.3
295	60	.98	20.5	16.9
296	40	1.00	21.0	17.3
297	40	1.20	25.2	13.7
298	60	1.16	24.5	13.3
299	60	1.23	25.9	18.8
300	50	.95	20.0	18.6
301	110	.87	18.3	13.8

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : PROJECT 'C' ,DENVER
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 21 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD (PSF)
302	110	1.16	24.3	9.7
303	240	1.19	25.1	4.9
304	40	1.37	28.7	4.8
305	330	1.40	29.4	3.1
306	50	1.52	31.9	2.5
307	340	1.91	40.2	6.4
308	340	1.26	26.4	9.9
309	40	1.12	23.6	14.0
310	40	1.04	21.8	13.6
311	110	.95	19.9	15.3
312	30	1.69	35.5	4.0
313	50	1.27	26.7	3.2
314	60	1.18	24.9	2.8
315	40	1.03	21.6	9.8
316	40	1.03	21.7	16.7
320	240	2.51	52.8	24.9
321	320	1.84	38.7	22.9
322	200	2.29	48.1	22.2
323	180	2.14	45.0	20.1
400	120	1.78	37.4	18.6
401	120	2.29	48.2	19.6
402	120	2.58	54.2	24.4
403	310	1.88	39.4	15.4
404	310	2.06	43.3	14.2
405	120	1.82	38.2	22.0
406	350	2.04	42.9	24.6
407	120	1.87	39.2	23.8
408	220	2.70	56.8	17.0
409	220	1.88	39.5	13.8
410	260	1.76	37.0	10.7
411	50	1.54	32.4	11.0
412	0	1.67	35.1	15.9
413	120	2.53	53.2	15.1
414	190	1.13	23.8	22.4
415	250	1.04	21.7	21.7
416	140	1.31	27.5	21.3
417	300	1.46	30.6	19.8
418	310	1.61	33.9	22.6
419	300	1.71	36.0	22.4
420	140	1.17	24.5	24.5
421	250	1.24	26.1	26.1
422	250	1.18	24.8	24.8
423	250	1.11	23.3	23.3
424	220	1.13	23.8	23.8
425	220	1.09	22.8	22.8
426	120	1.21	25.3	23.0
427	120	1.31	27.5	22.6
428	120	1.77	37.1	22.3
429	0	1.54	32.3	17.2
430	220	2.46	51.7	26.4
431	120	2.28	47.9	25.5
432	220	2.26	47.5	18.6
433	220	1.86	39.2	16.2
434	220	1.92	40.4	11.1
435	230	1.78	37.3	12.3
436	120	2.43	51.1	15.2
437	120	2.41	50.5	15.2
438	320	1.61	33.9	28.6
439	320	1.33	28.0	21.8
440	320	1.18	24.7	20.9
441	120	1.08	22.6	21.7
442	120	1.47	30.8	19.7
443	120	1.32	27.7	19.5
444	120	1.40	29.3	20.2
445	120	1.81	37.9	19.7
446	120	2.48	52.1	19.9
447	120	1.86	39.1	16.8
448	220	2.50	52.6	22.9
449	120	2.48	52.1	21.3
450	220	2.42	50.9	15.2
451	220	1.89	39.8	12.8
452	220	1.77	37.1	8.1
453	40	1.96	41.2	12.2
454	50	1.86	39.0	14.0
455	230	2.06	43.3	14.9
456	320	1.35	28.3	19.6
457	330	1.32	25.7	17.5
458	350	1.37	28.7	18.0
459	340	1.27	26.7	18.0
460	330	1.29	27.2	15.9
461	120	1.34	28.3	15.7
462	40	1.30	27.3	15.2
463	120	1.46	30.6	14.6
464	120	2.59	54.3	23.6
465	60	2.01	42.2	13.0
466	240	2.49	52.3	21.6
467	120	2.41	50.7	20.9
468	220	1.79	37.5	20.0
469	280	2.89	60.8	13.6
470	280	2.09	43.8	10.3
471	250	1.73	36.3	12.5
472	50	1.90	39.9	15.3
473	50	1.97	41.4	14.4
474	340	1.76	37.1	14.6
475	340	1.56	32.7	12.6
476	340	1.68	35.3	14.9
477	340	1.72	36.1	15.4
478	340	1.29	27.1	14.9
479	340	1.30	27.2	13.9
480	50	1.24	26.1	13.0
481	110	1.66	34.8	11.9
482	110	1.84	38.7	10.4
483	110	1.90	39.9	9.0
484	250	2.09	43.8	8.4
485	120	2.30	48.4	5.0
486	350	1.64	34.5	9.3
487	300	1.93	40.5	11.1
488	230	1.55	32.6	17.6
489	30	1.39	29.1	13.7
490	0	2.16	45.4	14.6
491	0	1.78	37.3	14.1
492	40	1.22	25.6	10.2
493	60	1.12	23.4	8.2
494	40	1.19	25.0	12.1
495	10	1.23	25.9	14.9
496	110	1.44	30.3	7.1
497	240	1.62	34.0	6.0
498	250	1.43	30.0	6.6
499	240	1.24	26.1	12.0
500	10	1.27	26.7	17.0
501	30	1.30	27.4	17.3
502	40	1.29	27.1	13.6
510	300	1.52	32.0	22.6
511	220	2.17	45.6	23.3
512	220	1.30	27.3	25.8
513	220	2.75	57.8	19.8
600	170	3.41	71.6	23.8
601	180	1.98	41.6	19.1
602	230	2.04	42.9	20.9
603	0	2.18	45.9	18.2
604	180	2.00	42.0	18.0
605	180	2.36	49.6	16.5
606	10	2.65	55.6	16.8
607	170	1.97	41.4	19.3
608	170	1.90	39.9	22.8
609	180	2.16	45.4	24.5
610	180	2.06	43.2	22.2
611	10	1.58	33.1	22.1
612	180	1.70	35.6	20.1
613	180	2.15	45.1	21.4
614	170	1.72	36.1	17.2
615	230	2.02	42.5	19.2
616	350	1.86	39.0	22.1
617	180	1.81	38.1	23.6
618	10	1.79	37.5	25.7
619	10	1.91	40.0	21.0
620	180	2.01	42.3	20.9
621	180	2.41	50.6	20.1
622	260	2.50	52.4	20.8
623	180	1.92	40.4	21.2

TABLE 6 : PEAK LOADS FOR CONFIGURATION A : PROJECT 'C' ,DENVER
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 21 PSF

TAP	AZI-MUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD)
624	0	1.71	36.0	22.7
625	0	1.85	38.9	18.5
626	10	2.02	42.4	20.4
627	0	2.07	43.6	18.0
628	160	1.57	32.9	14.4
629	170	1.85	38.8	11.8
630	170	1.44	30.3	6.4
631	330	1.28	26.8	7.1
632	350	2.17	45.6	14.8
633	350	3.05	64.0	15.4
634	350	2.64	55.5	15.3
635	250	1.40	29.3	5.5
636	180	1.08	22.7	8.0
637	90	1.31	27.4	9.2
638	180	.94	19.7	7.5
639	130	.78	16.4	7.5
640	190	.76	15.9	6.3
641	250	.57	12.0	8.9
642	120	.52	10.9	10.8
643	80	.51	10.7	10.7
644	80	.52	11.0	11.0
645	100	.71	15.0	15.0
646	120	.77	16.1	16.1
647	320	.63	13.2	13.0
648	350	1.12	23.4	11.7
650	10	2.43	51.0	18.6
651	10	2.36	49.5	19.1
900	40	3.21	67.4	8.5
901	120	2.54	53.4	8.0
902	40	1.15	24.2	22.5
903	340	1.46	30.7	13.6
904	50	3.37	70.7	12.1
905	110	1.69	35.6	4.7
906	80	1.81	37.9	9.4
907	110	2.02	42.4	14.7
908	110	2.16	45.4	9.1
909	200	2.03	42.7	9.8
910	170	2.85	59.9	11.8
911	240	1.39	29.2	9.4
912	230	1.80	37.9	8.9
913	60	1.04	21.9	18.0
914	160	1.95	41.0	18.5
915	160	2.15	45.2	26.6
916	190	1.19	25.0	15.7
917	170	1.98	41.6	8.7
918	250	2.78	58.4	10.2
919	110	1.19	24.9	15.7
920	230	2.36	49.6	9.4

TABLE 6 : PEAK LOADS FOR CONFIGURATION B : PROJECT 'C' ,DENVER
LARGEST VALUE OF MAXIMUM OR MINIMUM PRESSURE AND LARGEST POSITIVE VALUE
REFERENCE PRESSURE USED = 21 PSF

TAP	AZIMUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD)	TAP	AZIMUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD)	TAP	AZIMUTH	PRESS COEFF	ABS PEAK LOAD (PSF)	POS PEAK LOAD)
100	70	4.30	90.4	17.3	408	222	2.78	58.3	18.9	623	358	3.48	73.2	15.6
106	276	2.70	56.7	20.6	469	272	2.62	55.1	15.9	900	40	3.84	80.7	10.9
128	78	2.92	61.4	12.0	513	224	3.00	63.1	21.1	904	42	3.44	72.2	11.1
129	80	2.88	60.4	12.9	600	174	3.77	79.2	15.5	910	174	3.18	66.8	13.2
150	76	3.56	74.7	20.1	606	6	2.99	62.7	15.4	918	244	2.65	55.5	8.5
230	100	1.21	25.5	23.1										

TABLE 6 -- PEAK POSITIVE LOADS- CONFIGURATIONS A & B-PROJECT 'C' ,DENVER
TAPS WHERE PEAK LOADS FOR CONFIGURATION B EXCEED THOSE FOR A BY 5.0 PSF OR MORE - REF. PRESS. = 21 PSF

CONFIGURATION A				CONFIGURATION B			
TAP	AZI-MUTH	PRESS COEFF	PSF LOAD	TAP	AZI-MUTH	PRESS COEFF	PSF LOAD
230	240	.85	17.8	230	250	1.10	23.1

TABLE 6 -- PEAK ABSOLUTE LOADS- CONFIGURATIONS A & B-PROJECT 'C' ,DENVER
TAPS WHERE PEAK LOADS FOR CONFIGURATION B EXCEED THOSE FOR A BY 5.0 PSF OR MORE - REF. PRESS. = 21 PSF

CONFIGURATION A				CONFIGURATION B			
TAP	AZI-MUTH	PRESS COEFF	PSF LOAD	TAP	AZI-MUTH	PRESS COEFF	PSF LOAD
150	80	3.02	63.3	150	76	3.56	74.7
230	240	.85	17.8	230	100	1.21	25.5
513	220	2.75	57.8	513	224	3.00	63.1
600	170	3.41	71.6	600	174	3.77	79.2
606	10	2.65	55.6	606	6	2.99	62.7
633	350	3.05	64.0	633	358	3.48	73.2
900	40	3.21	67.4	900	40	3.84	80.7
910	170	2.85	59.9	910	174	3.18	66.8

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : PROJECT 'C' - DENVER, COLORADO
CONFIGURATION A REFERENCE PRESSURE 21.0 GUST FACTOR 1.32

AZIMUTH DEGREES	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
0	-723.0	-1783.5	513.5	-173.5	-5.1
10	-927.4	-1412.8	408.1	-226.9	-9.7
20	-1193.8	-831.4	241.4	-313.3	-4.7
30	-1287.5	-48.0	39.9	-343.3	.2
40	-1383.2	220.9	1.5	-368.4	4.1
50	-1461.7	523.9	-67.6	-381.1	7.5
60	-1294.5	972.9	-203.3	-334.0	14.9
70	-908.2	1514.8	-375.2	-234.0	22.8
80	-529.8	1967.2	-524.9	-130.9	23.8
90	-676.3	2057.0	-531.3	-187.2	10.8
100	-825.1	2012.3	-511.2	-235.1	5.0
110	-948.4	1918.4	-471.6	-273.4	3.2
120	-893.4	1225.6	-282.3	-263.0	9.8
130	-111.7	523.4	-96.5	-39.6	8.5
140	215.8	-83.5	50.5	46.3	5.0
150	427.5	-103.6	55.8	101.8	2.7
160	817.7	171.6	-26.9	217.1	-1.9
170	1092.3	377.3	-96.1	314.4	-10.2
180	1380.1	431.7	-111.3	412.5	-11.3
190	1191.8	379.7	-94.7	332.5	-7.4
200	1134.7	261.4	-45.6	316.1	-4.4
210	1402.3	263.4	-46.2	397.4	-3.4
220	1446.5	68.4	8.5	403.3	-4.8
230	1655.8	32.8	17.4	458.7	-10.0
240	1688.3	210.3	-44.9	465.5	-16.3
250	1646.1	61.9	-17.3	466.1	-7.6
260	1239.7	-98.3	25.2	370.1	-1.8
270	1130.9	-273.2	86.8	339.2	1.7
280	816.6	-341.3	109.5	252.5	-.0
290	415.7	-428.6	146.1	125.1	2.2
300	288.7	-607.6	191.8	69.9	9.3
310	-48.2	-353.0	123.8	-24.6	8.0
320	-769.2	-922.2	252.4	-226.9	10.0
330	-932.4	-1319.8	368.6	-261.4	13.3
340	-959.6	-1647.6	459.9	-254.1	12.4
350	-855.6	-1771.3	500.7	-219.2	7.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-2.0	-12.9	2074	2505	-1.0	-5.2	-723.0	-1783.5	513.5	-173.5	-5.1
LOB	12.00	-8.2	-7.8	2103	2534	-3.9	-3.1	-721.0	-1770.6	492.2	-164.9	-6.1
3	24.00	-11.8	-9.6	2345	2811	-5.0	-3.4	-712.8	-1762.8	471.0	-156.3	-6.8
MECH	37.00	-29.3	-22.4	4509	5370	-6.5	-4.2	-701.0	-1753.2	448.2	-147.1	-7.6
5	61.00	-23.7	-21.5	2094	3007	-11.3	-7.1	-671.7	-1730.8	406.4	-130.6	-9.2
6	73.00	-23.9	-24.8	2091	2952	-11.4	-8.4	-647.9	-1709.3	385.7	-122.7	-9.5
7	85.00	-23.5	-25.6	2091	2952	-11.2	-8.7	-624.0	-1684.5	365.3	-115.1	-9.9
8	97.00	-23.1	-26.4	2091	2952	-11.1	-8.9	-600.5	-1658.9	345.3	-107.7	-10.3
9	109.00	-22.9	-28.4	2091	2952	-11.0	-9.6	-577.4	-1632.5	325.5	-100.7	-10.5
10	121.00	-22.5	-31.5	2091	2952	-10.8	-10.7	-554.5	-1604.1	306.1	-93.9	-10.7
11	133.00	-22.1	-34.7	2091	2952	-10.5	-11.8	-531.9	-1572.6	287.1	-87.3	-10.8
12	145.00	-21.6	-37.9	2091	2952	-10.3	-12.8	-509.9	-1537.9	268.4	-81.1	-10.8
13	157.00	-21.1	-41.1	2091	2952	-10.1	-13.9	-488.3	-1500.0	250.2	-75.1	-10.8
14	169.00	-20.7	-44.3	2091	2952	-9.9	-15.0	-467.2	-1458.8	232.4	-69.4	-10.8
15	181.00	-20.2	-47.5	2091	2952	-9.7	-16.1	-446.5	-1414.5	215.2	-63.9	-10.6
16	193.00	-19.7	-50.7	2091	2952	-9.4	-17.2	-426.3	-1367.0	198.5	-58.7	-10.4
17	205.00	-19.6	-52.5	2091	2952	-9.4	-17.8	-406.5	-1316.3	182.4	-53.7	-10.2
18	217.00	-19.3	-53.5	2091	2952	-9.2	-18.1	-387.0	-1263.8	166.9	-48.9	-9.9
19	229.00	-19.0	-54.5	2091	2952	-9.1	-18.5	-367.7	-1210.3	152.1	-44.4	-9.6
20	241.00	-18.7	-55.5	2091	2952	-8.9	-18.8	-348.7	-1155.8	137.9	-40.1	-9.3
21	253.00	-18.4	-56.5	2091	2952	-8.8	-19.2	-330.1	-1100.3	124.3	-36.0	-9.0
22	265.00	-18.1	-57.5	2091	2952	-8.6	-19.5	-311.7	-1043.8	111.5	-32.1	-8.6
23	277.00	-17.7	-58.6	2091	2952	-8.5	-19.8	-293.6	-986.2	99.3	-28.5	-8.3
24	289.00	-17.4	-59.6	2091	2952	-8.3	-20.2	-275.9	-927.7	87.8	-25.1	-7.9
25	301.00	-17.4	-59.7	2091	2952	-8.3	-20.2	-258.5	-868.1	77.0	-21.9	-7.6
26	313.00	-17.8	-59.7	2091	2952	-8.5	-20.2	-241.1	-808.4	67.0	-18.9	-7.2
27	325.00	-18.2	-59.7	2091	2952	-8.7	-20.2	-223.3	-748.7	57.6	-16.1	-6.8
28	337.00	-18.7	-59.7	2091	2952	-8.9	-20.2	-205.0	-689.0	49.0	-13.5	-6.4
29	349.00	-19.1	-59.7	2091	2952	-9.1	-20.2	-186.4	-629.4	41.1	-11.2	-6.0
30	361.00	-19.5	-59.7	2091	2952	-9.3	-20.2	-167.3	-569.7	33.9	-9.1	-5.5
31	373.00	-20.0	-59.7	2091	2952	-9.5	-20.2	-147.7	-510.0	27.4	-7.2	-5.1
32	385.00	-20.4	-59.7	2091	2952	-9.8	-20.2	-127.8	-450.4	21.6	-5.5	-4.6
33	397.00	-19.3	-58.3	2091	2952	-9.2	-19.8	-107.4	-390.7	16.6	-4.1	-4.2
34	409.00	-18.3	-56.7	2091	2952	-8.7	-19.2	-88.1	-332.4	12.3	-2.9	-3.7
35	421.00	-17.1	-54.9	2091	2952	-8.2	-18.6	-69.9	-275.7	8.6	-2.0	-3.2
36	433.00	-15.1	-53.5	2091	2952	-7.2	-18.1	-52.8	-220.8	5.6	-1.3	-2.7
37	445.00	-14.3	-56.3	2265	3198	-6.3	-17.6	-37.7	-167.4	3.3	-.7	-2.1
MECH	458.00	-23.4	-111.0	4704	6641	-5.0	-16.7	-23.4	-111.0	1.5	-.3	-1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-7.3	-5.6	2074	2505	-3.5	-2.2	-927.4	-1412.8	408.1	-226.9	-9.7
LOB	12.00	-12.9	-1.1	2103	2534	-6.1	-.4	-920.1	-1407.2	391.1	-215.9	-10.3
3	24.00	-16.5	-2.6	2345	2811	-7.1	-.9	-907.2	-1406.1	374.3	-204.9	-10.8
MECH	37.00	-36.8	-9.4	4509	5370	-8.2	-1.8	-890.7	-1403.5	356.0	-193.2	-11.4
5	61.00	-28.0	-17.8	2094	3007	-13.4	-5.9	-853.8	-1394.1	322.4	-172.3	-12.8
6	73.00	-27.1	-21.5	2091	2952	-13.0	-7.3	-825.8	-1376.3	305.8	-162.2	-13.4
7	85.00	-26.3	-21.6	2091	2952	-12.6	-7.3	-798.7	-1354.8	289.4	-152.4	-13.8
8	97.00	-25.6	-21.6	2091	2952	-12.2	-7.3	-772.4	-1333.2	273.3	-143.0	-13.2
9	109.00	-25.5	-23.2	2091	2952	-12.2	-7.9	-746.8	-1311.6	257.4	-133.9	-14.4
10	121.00	-25.6	-25.9	2091	2952	-12.2	-8.8	-721.3	-1288.3	241.8	-125.1	-14.6
11	133.00	-25.6	-28.6	2091	2952	-12.3	-9.7	-695.7	-1262.4	226.6	-116.6	-14.7
12	145.00	-25.7	-31.3	2091	2952	-12.3	-10.6	-670.1	-1233.8	211.5	-108.4	-14.7
13	157.00	-25.7	-34.0	2091	2952	-12.3	-11.5	-644.4	-1202.4	196.9	-100.5	-14.7
14	169.00	-25.8	-36.8	2091	2952	-12.3	-12.5	-618.7	-1168.4	182.7	-92.9	-14.7
15	181.00	-25.8	-39.5	2091	2952	-12.3	-13.4	-593.0	-1131.6	168.9	-85.7	-14.6
16	193.00	-25.8	-42.2	2091	2952	-12.4	-14.3	-567.2	-1092.2	155.6	-78.7	-14.4
17	205.00	-25.8	-43.5	2091	2952	-12.3	-14.7	-541.3	-1050.2	142.7	-72.1	-14.1
18	217.00	-25.6	-44.2	2091	2952	-12.2	-15.0	-515.6	-1006.5	130.4	-65.7	-13.7
19	229.00	-25.3	-44.9	2091	2952	-12.1	-15.2	-490.0	-962.3	118.6	-59.7	-13.4
20	241.00	-25.1	-45.6	2091	2952	-12.0	-15.4	-464.7	-917.4	107.3	-53.9	-13.0
21	253.00	-24.9	-46.3	2091	2952	-11.9	-15.7	-439.5	-871.8	96.5	-48.5	-12.5
22	265.00	-24.7	-47.0	2091	2952	-11.8	-15.9	-414.6	-825.5	86.4	-43.4	-12.1
23	277.00	-24.5	-47.6	2091	2952	-11.7	-16.1	-389.9	-778.6	76.7	-38.6	-11.6
24	289.00	-24.3	-48.3	2091	2952	-11.6	-16.4	-365.5	-731.0	67.7	-34.0	-11.1
25	301.00	-24.1	-48.5	2091	2952	-11.5	-16.4	-341.2	-682.6	59.2	-29.8	-10.5
26	313.00	-24.1	-48.5	2091	2952	-11.5	-16.4	-317.1	-634.1	51.3	-25.8	-9.9
27	325.00	-24.0	-48.4	2091	2952	-11.5	-16.4	-293.0	-585.6	44.0	-22.2	-9.2
28	337.00	-24.0	-48.4	2091	2952	-11.5	-16.4	-268.9	-537.2	37.2	-18.7	-8.6
29	349.00	-23.9	-48.4	2091	2952	-11.5	-16.4	-244.9	-488.8	31.1	-15.5	-8.0
30	361.00	-23.9	-48.3	2091	2952	-11.4	-16.4	-221.0	-440.4	25.5	-12.9	-7.3
31	373.00	-23.8	-48.3	2091	2952	-11.4	-16.4	-197.1	-392.0	20.5	-10.4	-6.7
32	385.00	-23.8	-48.3	2091	2952	-11.4	-16.4	-173.3	-343.7	16.1	-8.2	-6.0
33	397.00	-22.9	-46.5	2091	2952	-11.0	-15.8	-149.5	-295.5	12.3	-6.3	-5.3
34	409.00	-22.2	-44.5	2091	2952	-10.6	-15.1	-126.6	-248.9	9.0	-4.6	-4.6
35	421.00	-21.5	-42.4	2091	2952	-10.3	-14.4	-104.3	-204.4	6.3	-3.2	-3.9
36	433.00	-20.4	-40.6	2091	2952	-9.8	-13.7	-82.9	-162.0	4.1	-2.1	-3.2
37	445.00	-21.1	-41.9	2265	3198	-9.3	-13.1	-62.5	-121.4	2.4	-1.2	-2.4
MECH	458.00	-41.4	-79.5	4704	6641	-8.8	-12.0	-41.4	-79.5	1.1	-.6	-1.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS ! PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-9.7	2.0	2074	2505	-4.7	.8	-1193.8	-831.4	241.4	-313.3	-4.7
LOB	12.00	-14.7	5.8	2103	2534	-7.0	2.3	-1184.1	-833.4	231.4	-299.1	-5.1
3	24.00	-18.4	5.0	2345	2811	-7.8	1.8	-1169.5	-839.2	221.4	-284.9	-5.4
MECH	37.00	-39.7	5.4	4509	5370	-8.8	1.0	-1151.1	-844.2	210.4	-269.8	-5.8
5	61.00	-27.9	-7.1	2094	3007	-13.3	-2.4	-1111.4	-849.7	190.1	-242.7	-6.8
6	73.00	-26.4	-11.5	2091	2952	-12.6	-3.9	-1083.5	-842.5	179.9	-229.5	-6.9
7	85.00	-25.5	-12.0	2091	2952	-12.2	-4.1	-1057.2	-831.0	169.9	-216.7	-7.2
8	97.00	-24.5	-12.5	2091	2952	-11.7	-4.2	-1031.7	-819.0	160.0	-204.1	-7.5
9	109.00	-24.8	-14.0	2091	2952	-11.9	-4.8	-1007.2	-806.5	150.2	-191.9	-7.8
10	121.00	-25.9	-16.4	2091	2952	-12.4	-5.5	-982.3	-792.5	140.7	-180.0	-8.1
11	133.00	-26.9	-18.7	2091	2952	-12.9	-6.3	-956.4	-776.1	131.2	-168.3	-8.4
12	145.00	-27.9	-21.1	2091	2952	-13.4	-7.1	-929.5	-757.4	122.0	-157.0	-8.5
13	157.00	-28.9	-23.5	2091	2952	-13.8	-8.0	-901.6	-736.3	113.1	-146.0	-8.5
14	169.00	-29.9	-25.8	2091	2952	-14.3	-8.8	-872.7	-712.8	104.4	-135.4	-8.5
15	181.00	-31.0	-28.2	2091	2952	-14.8	-9.6	-842.7	-687.0	96.0	-125.1	-8.5
16	193.00	-32.0	-30.6	2091	2952	-15.3	-10.4	-811.8	-658.8	87.9	-115.2	-8.4
17	205.00	-32.7	-31.3	2091	2952	-15.6	-10.6	-779.8	-628.2	80.2	-105.6	-8.3
18	217.00	-33.1	-31.2	2091	2952	-15.8	-10.6	-747.1	-596.9	72.8	-96.5	-8.2
19	229.00	-33.5	-31.2	2091	2952	-16.0	-10.6	-714.0	-565.7	65.9	-87.7	-8.0
20	241.00	-33.9	-31.1	2091	2952	-16.2	-10.5	-680.5	-534.5	59.3	-79.3	-7.8
21	253.00	-34.3	-31.0	2091	2952	-16.4	-10.5	-646.6	-503.4	53.0	-71.4	-7.6
22	265.00	-34.6	-30.9	2091	2952	-16.6	-10.5	-612.4	-472.5	47.2	-63.8	-7.3
23	277.00	-35.0	-30.8	2091	2952	-16.8	-10.4	-577.7	-441.6	41.7	-56.7	-7.1
24	289.00	-35.4	-30.7	2091	2952	-16.9	-10.4	-542.7	-410.7	36.6	-50.0	-6.8
25	301.00	-35.9	-30.3	2091	2952	-17.2	-10.3	-507.3	-380.0	31.8	-43.7	-6.5
26	313.00	-36.1	-29.7	2091	2952	-17.2	-10.1	-471.4	-349.7	27.5	-37.8	-6.1
27	325.00	-36.2	-29.0	2091	2952	-17.3	-9.8	-435.3	-320.0	23.4	-32.3	-5.8
28	337.00	-36.3	-28.4	2091	2952	-17.4	-9.6	-399.1	-291.0	19.8	-27.3	-5.4
29	349.00	-36.4	-27.7	2091	2952	-17.4	-9.4	-362.8	-262.6	16.5	-22.8	-5.0
30	361.00	-36.5	-27.1	2091	2952	-17.5	-9.2	-326.4	-234.9	13.5	-18.6	-4.6
31	373.00	-36.7	-26.4	2091	2952	-17.5	-8.9	-289.9	-207.9	10.8	-14.9	-4.2
32	385.00	-36.8	-25.7	2091	2952	-17.6	-8.7	-253.2	-181.5	8.5	-11.7	-3.7
33	397.00	-35.1	-24.7	2091	2952	-16.8	-8.4	-216.4	-155.7	6.5	-8.9	-3.3
34	409.00	-33.3	-23.6	2091	2952	-15.9	-8.0	-181.3	-131.0	4.7	-6.5	-2.8
35	421.00	-31.6	-22.3	2091	2952	-15.1	-7.6	-148.0	-107.4	3.3	-4.5	-2.3
36	433.00	-29.9	-21.3	2091	2952	-14.3	-7.2	-116.4	-85.1	2.1	-2.9	-1.9
37	445.00	-30.4	-21.9	2265	3198	-13.4	-6.9	-86.6	-63.8	1.3	-1.7	-1.4
MECH	458.00	-56.2	-41.9	4704	6641	-11.9	-6.3	-56.2	-41.9	.6	-.8	-1.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-12.8	17.4	2074	2505	-6.2	7.0	-1287.5	-48.0	39.9	-343.3	.2
LOB	12.00	-16.2	19.8	2103	2534	-7.7	7.8	-1274.6	-65.4	39.2	-327.9	.2
3	24.00	-19.7	20.2	2345	2811	-8.4	7.2	-1258.4	-85.3	38.3	-312.7	.2
MECH	37.00	-41.1	33.5	4509	5370	-9.1	6.2	-1238.7	-105.5	37.1	-296.5	.2
5	61.00	-26.1	7.3	2094	3007	-12.5	2.4	-1197.6	-139.0	34.2	-267.3	.3
6	73.00	-24.7	3.3	2091	2952	-11.8	1.1	-1171.5	-146.3	32.5	-253.0	.3
7	85.00	-23.8	3.0	2091	2952	-11.4	1.0	-1146.8	-149.7	30.7	-239.1	.6
8	97.00	-22.9	2.7	2091	2952	-11.0	.9	-1123.0	-152.7	28.9	-225.5	.9
9	109.00	-23.4	1.5	2091	2952	-11.2	.5	-1100.1	-155.4	27.0	-212.2	1.2
10	121.00	-25.0	-.2	2091	2952	-12.0	-.1	-1076.7	-156.9	25.1	-199.1	1.5
11	133.00	-26.6	-1.8	2091	2952	-12.7	-.6	-1051.7	-156.7	23.3	-186.3	1.8
12	145.00	-28.3	-3.5	2091	2952	-13.5	-1.2	-1025.0	-154.9	21.4	-173.9	2.0
13	157.00	-29.9	-5.1	2091	2952	-14.3	-1.7	-996.8	-151.4	19.6	-161.8	2.1
14	169.00	-31.5	-6.8	2091	2952	-15.1	-2.3	-966.9	-146.3	17.8	-150.0	2.3
15	181.00	-33.1	-8.4	2091	2952	-15.9	-2.9	-935.4	-139.5	16.1	-138.6	2.4
16	193.00	-34.8	-10.1	2091	2952	-16.6	-3.4	-902.2	-131.0	14.4	-127.5	2.4
17	205.00	-36.0	-10.4	2091	2952	-17.2	-3.5	-867.5	-120.9	12.9	-116.9	2.4
18	217.00	-36.6	-9.8	2091	2952	-17.5	-3.3	-831.5	-110.6	11.5	-106.7	2.4
19	229.00	-37.2	-9.2	2091	2952	-17.8	-3.1	-794.9	-100.8	10.3	-97.0	2.4
20	241.00	-37.8	-8.6	2091	2952	-18.1	-2.9	-757.7	-91.6	9.1	-87.6	2.4
21	253.00	-38.4	-8.0	2091	2952	-18.4	-2.7	-719.9	-82.9	8.1	-78.8	2.3
22	265.00	-39.0	-7.5	2091	2952	-18.6	-2.5	-681.6	-74.9	7.1	-70.4	2.3
23	277.00	-39.6	-6.9	2091	2952	-18.9	-2.3	-642.6	-67.4	6.3	-62.4	2.2
24	289.00	-40.2	-6.3	2091	2952	-19.2	-2.1	-603.0	-60.6	5.5	-55.0	2.1
25	301.00	-40.5	-5.7	2091	2952	-19.4	-1.9	-562.9	-54.3	4.8	-48.0	2.1
26	313.00	-40.6	-5.1	2091	2952	-19.4	-1.7	-522.3	-48.5	4.2	-41.4	2.0
27	325.00	-40.7	-4.5	2091	2952	-19.5	-1.5	-481.7	-43.4	3.6	-35.4	1.9
28	337.00	-40.8	-4.0	2091	2952	-19.5	-1.3	-441.0	-38.9	3.1	-29.9	1.7
29	349.00	-40.9	-3.4	2091	2952	-19.6	-1.1	-400.2	-34.9	2.7	-24.8	1.6
30	361.00	-41.0	-2.8	2091	2952	-19.6	-.9	-359.3	-31.6	2.3	-20.3	1.5
31	373.00	-41.0	-2.2	2091	2952	-19.6	-.7	-318.3	-28.8	1.9	-16.2	1.3
32	385.00	-41.1	-1.6	2091	2952	-19.7	-.5	-277.3	-26.6	1.6	-12.6	1.1
33	397.00	-39.1	-1.9	2091	2952	-18.7	-.7	-236.2	-25.0	1.3	-9.6	.9
34	409.00	-36.9	-2.3	2091	2952	-17.6	-.8	-197.1	-23.0	1.0	-7.0	.8
35	421.00	-34.8	-2.6	2091	2952	-16.6	-.9	-160.2	-20.8	.7	-4.8	.6
36	433.00	-32.7	-3.2	2091	2952	-15.6	-1.1	-125.4	-18.1	.5	-3.1	.5
37	445.00	-33.0	-4.1	2265	3198	-14.6	-1.3	-92.7	-14.9	.3	-1.8	.3
MECH	458.00	-59.8	-10.8	4704	6641	-12.7	-1.6	-59.8	-10.8	.1	-.8	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-15.6	32.3	2074	2505	-7.5	12.9	-1383.2	220.9	1.5	-368.4	4.1
LOB	12.00	-17.3	32.7	2103	2534	-8.2	12.9	-1367.6	188.6	4.0	-351.9	4.7
3	24.00	-20.3	33.4	2345	2811	-8.7	11.9	-1350.3	155.9	6.0	-335.6	5.2
MECH	37.00	-41.0	56.7	4509	5370	-9.1	10.6	-1330.0	122.5	7.8	-318.1	5.5
5	61.00	-26.2	17.4	2094	3007	-12.5	5.8	-1288.9	65.8	10.1	-286.7	5.7
6	73.00	-26.2	12.5	2091	2952	-12.5	4.2	-1262.7	48.3	10.8	-271.4	5.8
7	85.00	-25.6	12.0	2091	2952	-12.2	4.1	-1236.5	35.9	11.3	-256.4	5.7
8	97.00	-24.9	11.5	2091	2952	-11.9	3.9	-1210.9	23.9	11.6	-241.7	5.5
9	109.00	-25.6	10.5	2091	2952	-12.2	3.6	-1186.0	12.4	11.9	-227.3	5.4
10	121.00	-27.4	9.5	2091	2952	-13.1	3.2	-1160.4	1.9	11.9	-213.3	5.3
11	133.00	-29.2	8.6	2091	2952	-14.0	2.9	-1133.0	-7.7	11.9	-199.5	5.2
12	145.00	-31.0	7.6	2091	2952	-14.8	2.6	-1103.8	-16.2	11.8	-186.1	5.1
13	157.00	-32.8	6.7	2091	2952	-15.7	2.3	-1072.8	-23.9	11.5	-173.0	5.0
14	169.00	-34.6	5.7	2091	2952	-16.5	1.9	-1040.0	-30.5	11.2	-160.3	4.9
15	181.00	-36.4	4.8	2091	2952	-17.4	1.6	-1005.4	-36.3	10.8	-148.1	4.8
16	193.00	-38.2	3.8	2091	2952	-18.3	1.3	-969.0	-41.0	10.3	-136.2	4.7
17	205.00	-39.4	2.8	2091	2952	-18.9	1.0	-930.8	-44.9	9.8	-124.8	4.6
18	217.00	-39.9	2.2	2091	2952	-19.1	.7	-891.4	-47.7	9.3	-113.9	4.5
19	229.00	-40.4	1.5	2091	2952	-19.3	.5	-851.5	-49.8	8.7	-103.5	4.4
20	241.00	-41.0	.9	2091	2952	-19.6	.3	-811.0	-51.4	8.1	-93.5	4.3
21	253.00	-41.5	.3	2091	2952	-19.8	.1	-770.1	-52.3	7.5	-84.0	4.1
22	265.00	-42.0	-.4	2091	2952	-20.1	-.1	-728.6	-52.6	6.8	-75.0	4.0
23	277.00	-42.5	-1.0	2091	2952	-20.3	-.3	-686.6	-52.2	6.2	-66.5	3.8
24	289.00	-43.0	-1.6	2091	2952	-20.6	-.6	-644.1	-51.2	5.6	-58.5	3.6
25	301.00	-43.3	-1.9	2091	2952	-20.7	-.7	-601.1	-49.7	5.0	-51.0	3.4
26	313.00	-43.5	-2.1	2091	2952	-20.8	-.7	-557.8	-47.7	4.4	-44.1	3.1
27	325.00	-43.6	-2.4	2091	2952	-20.9	-.8	-514.4	-45.5	3.8	-37.6	2.9
28	337.00	-43.7	-2.7	2091	2952	-20.9	-.9	-470.8	-43.1	3.3	-31.7	2.7
29	349.00	-43.9	-3.0	2091	2952	-21.0	-1.0	-427.0	-40.4	2.8	-26.4	2.4
30	361.00	-44.0	-3.3	2091	2952	-21.1	-1.1	-383.1	-37.4	2.3	-21.5	2.2
31	373.00	-44.2	-3.6	2091	2952	-21.1	-1.2	-339.1	-34.1	1.9	-17.2	1.9
32	385.00	-44.3	-3.9	2091	2952	-21.2	-1.3	-294.9	-30.5	1.5	-13.4	1.7
33	397.00	-42.0	-3.9	2091	2952	-20.1	-1.3	-250.6	-26.7	1.2	-10.1	1.4
34	409.00	-39.6	-3.7	2091	2952	-18.9	-1.3	-208.6	-22.8	.9	-7.3	1.2
35	421.00	-37.2	-3.5	2091	2952	-17.8	-1.2	-169.0	-19.1	.6	-5.1	1.0
36	433.00	-34.7	-3.5	2091	2952	-16.6	-1.2	-131.9	-15.6	.4	-3.3	.7
37	445.00	-34.8	-3.8	2265	3198	-15.4	-1.2	-97.2	-12.1	.2	-1.9	.5
MECH	458.00	-62.4	-8.4	4704	6641	-13.3	-1.3	-62.4	-8.4	.1	-.8	.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-19.3	42.9	2074	2505	-9.3	17.1	-1461.7	523.9	-67.6	-381.1	7.5
LOB	12.00	-20.5	42.8	2103	2534	-9.8	16.9	-1442.4	480.9	-61.6	-363.7	8.6
3	24.00	-23.3	43.6	2345	2811	-10.0	15.5	-1421.9	438.1	-56.1	-346.5	9.5
MECH	37.00	-45.4	73.3	4509	5370	-10.1	13.7	-1398.5	394.5	-50.7	-328.1	10.2
5	61.00	-28.7	26.8	2094	3007	-13.7	8.9	-1353.1	321.2	-42.1	-295.1	10.8
6	73.00	-30.2	20.2	2091	2952	-14.5	6.9	-1324.4	294.4	-38.4	-279.1	11.1
7	85.00	-29.8	19.1	2091	2952	-14.3	6.5	-1294.1	274.1	-35.0	-263.4	11.2
8	97.00	-29.4	17.9	2091	2952	-14.1	6.1	-1264.3	255.1	-31.8	-248.0	11.2
9	109.00	-30.1	16.7	2091	2952	-14.4	5.7	-1234.8	237.2	-28.9	-233.0	11.2
10	121.00	-31.7	16.0	2091	2952	-15.1	5.4	-1204.7	220.5	-26.1	-218.4	11.2
11	133.00	-33.2	15.4	2091	2952	-15.9	5.2	-1173.1	204.5	-23.6	-204.1	11.2
12	145.00	-34.8	14.8	2091	2952	-16.6	5.0	-1139.8	189.1	-21.2	-190.2	11.1
13	157.00	-36.3	14.1	2091	2952	-17.4	4.8	-1105.1	174.3	-19.0	-176.8	11.0
14	169.00	-37.9	13.5	2091	2952	-18.1	4.6	-1068.7	160.2	-17.0	-163.7	10.9
15	181.00	-39.5	12.8	2091	2952	-18.9	4.3	-1030.8	146.7	-15.2	-151.1	10.7
16	193.00	-41.0	12.2	2091	2952	-19.6	4.1	-991.4	133.9	-13.5	-139.0	10.5
17	205.00	-41.9	11.3	2091	2952	-20.0	3.8	-950.4	121.8	-12.0	-127.3	10.3
18	217.00	-42.1	10.5	2091	2952	-20.1	3.6	-908.5	110.5	-10.6	-116.2	10.0
19	229.00	-42.3	9.8	2091	2952	-20.2	3.3	-866.4	100.0	-9.3	-105.5	9.7
20	241.00	-42.5	9.0	2091	2952	-20.3	3.1	-824.1	90.2	-8.2	-95.4	9.3
21	253.00	-42.7	8.2	2091	2952	-20.4	2.8	-781.7	81.2	-7.1	-85.8	9.0
22	265.00	-42.9	7.5	2091	2952	-20.5	2.5	-739.0	73.0	-6.2	-76.6	8.6
23	277.00	-43.0	6.7	2091	2952	-20.6	2.3	-696.2	65.5	-5.4	-68.0	8.2
24	289.00	-43.2	6.0	2091	2952	-20.7	2.0	-653.1	58.8	-4.6	-59.9	7.8
25	301.00	-43.3	5.6	2091	2952	-20.7	1.9	-609.9	52.8	-4.0	-52.3	7.3
26	313.00	-43.5	5.3	2091	2952	-20.8	1.8	-566.6	47.1	-3.4	-45.3	6.9
27	325.00	-43.6	4.9	2091	2952	-20.9	1.7	-523.1	41.9	-2.8	-38.7	6.4
28	337.00	-43.8	4.5	2091	2952	-20.9	1.5	-479.5	37.0	-2.3	-32.7	5.9
29	349.00	-43.9	4.2	2091	2952	-21.0	1.4	-435.8	32.4	-1.9	-27.2	5.4
30	361.00	-44.1	3.8	2091	2952	-21.1	1.3	-391.8	28.3	-1.6	-22.3	4.9
31	373.00	-44.2	3.4	2091	2952	-21.2	1.2	-347.8	24.5	-1.2	-17.8	4.4
32	385.00	-44.4	3.0	2091	2952	-21.2	1.0	-303.5	21.1	-1.0	-13.9	3.9
33	397.00	-42.3	2.9	2091	2952	-20.3	1.0	-259.2	18.0	-.7	-10.6	3.3
34	409.00	-40.2	2.8	2091	2952	-19.2	.9	-216.8	15.1	-.5	-7.7	2.8
35	421.00	-38.1	2.7	2091	2952	-18.2	.9	-176.6	12.4	-.4	-5.3	2.3
36	433.00	-35.8	2.4	2091	2952	-17.1	.8	-138.5	9.7	-.2	-3.4	1.8
37	445.00	-36.2	2.4	2265	3198	-16.0	.8	-102.7	7.3	-.1	-2.0	1.3
MECH	458.00	-66.6	4.9	4704	6641	-14.1	.7	-66.6	4.9	-.1	-.9	.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-18.8	45.6	2074	2505	-9.0	18.2	-1294.5	972.9	-203.3	-334.0	14.9
LOB	12.00	-19.8	45.7	2103	2534	-9.4	18.0	-1275.7	927.3	-191.9	-318.6	16.0
3	24.00	-21.9	46.4	2345	2811	-9.3	16.5	-1255.9	881.6	-181.0	-303.4	17.0
MECH	37.00	-41.2	77.6	4509	5370	-9.1	14.4	-1234.1	835.2	-169.8	-287.2	17.7
5	61.00	-26.4	32.9	2094	3007	-12.6	10.9	-1192.9	757.6	-150.7	-258.1	18.2
6	73.00	-28.4	25.8	2091	2952	-13.6	8.8	-1166.5	724.8	-141.8	-243.9	18.5
7	85.00	-28.0	24.2	2091	2952	-13.4	8.2	-1138.2	698.9	-133.3	-230.1	18.5
8	97.00	-27.6	22.6	2091	2952	-13.2	7.6	-1110.2	674.7	-125.0	-216.6	18.5
9	109.00	-28.0	21.8	2091	2952	-13.4	7.4	-1082.6	652.1	-117.1	-203.4	18.5
10	121.00	-29.2	21.8	2091	2952	-14.0	7.4	-1054.6	630.4	-109.4	-190.6	18.5
11	133.00	-30.3	21.8	2091	2952	-14.5	7.4	-1025.4	608.6	-102.0	-178.1	18.4
12	145.00	-31.5	21.8	2091	2952	-15.1	7.4	-995.1	586.8	-94.8	-166.0	18.2
13	157.00	-32.6	21.8	2091	2952	-15.6	7.4	-963.6	565.0	-87.9	-154.2	18.0
14	169.00	-33.8	21.8	2091	2952	-16.2	7.4	-930.9	543.1	-81.2	-142.9	17.6
15	181.00	-35.0	21.9	2091	2952	-16.7	7.4	-897.1	521.3	-74.8	-131.9	17.3
16	193.00	-36.1	21.9	2091	2952	-17.3	7.4	-862.2	499.4	-68.7	-121.4	16.8
17	205.00	-36.8	21.8	2091	2952	-17.6	7.4	-826.1	477.6	-62.9	-111.2	16.3
18	217.00	-36.8	21.8	2091	2952	-17.6	7.4	-789.3	455.8	-57.3	-101.5	15.8
19	229.00	-36.9	21.9	2091	2952	-17.6	7.4	-752.5	434.0	-51.9	-92.3	15.2
20	241.00	-36.9	22.0	2091	2952	-17.7	7.5	-715.6	412.1	-46.8	-83.5	14.6
21	253.00	-37.0	22.1	2091	2952	-17.7	7.5	-678.7	390.1	-42.0	-75.1	14.0
22	265.00	-37.1	22.2	2091	2952	-17.7	7.5	-641.7	368.0	-37.5	-67.2	13.3
23	277.00	-37.1	22.2	2091	2952	-17.8	7.5	-604.6	345.8	-33.2	-59.7	12.7
24	289.00	-37.2	22.3	2091	2952	-17.8	7.6	-567.5	323.6	-29.2	-52.7	12.0
25	301.00	-37.1	22.4	2091	2952	-17.7	7.6	-530.3	301.2	-25.4	-46.1	11.3
26	313.00	-37.2	22.3	2091	2952	-17.8	7.6	-493.2	278.8	-21.9	-39.9	10.6
27	325.00	-37.3	22.2	2091	2952	-17.9	7.5	-456.0	256.5	-18.7	-34.3	9.9
28	337.00	-37.4	22.1	2091	2952	-17.9	7.5	-418.7	234.3	-15.8	-29.0	9.2
29	349.00	-37.6	22.0	2091	2952	-18.0	7.5	-381.3	212.2	-13.1	-24.2	8.4
30	361.00	-37.7	21.9	2091	2952	-18.0	7.4	-343.7	190.2	-10.7	-19.9	7.7
31	373.00	-37.8	21.8	2091	2952	-18.1	7.4	-306.0	168.2	-8.5	-16.0	6.9
32	385.00	-38.0	21.7	2091	2952	-18.2	7.4	-268.2	146.4	-6.7	-12.5	6.2
33	397.00	-36.4	20.8	2091	2952	-17.4	7.0	-230.2	124.6	-5.0	-9.5	5.4
34	409.00	-34.9	19.6	2091	2952	-16.7	6.7	-193.8	103.9	-3.7	-7.0	4.6
35	421.00	-33.4	18.5	2091	2952	-16.0	6.3	-158.9	84.2	-2.5	-4.9	3.9
36	433.00	-31.7	17.1	2091	2952	-15.2	5.8	-125.5	65.7	-1.6	-3.2	3.1
37	445.00	-32.4	17.0	2265	3198	-14.3	5.3	-93.8	48.6	-.9	-1.8	2.3
MECH	458.00	-61.4	31.6	4704	6641	-13.0	4.8	-61.4	31.6	-.4	-.8	1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-13.9	43.9	2074	2505	-6.7	17.5	-908.2	1514.8	-375.2	-234.0	22.8
LOB	12.00	-14.1	44.2	2103	2534	-6.7	17.4	-894.3	1470.9	-357.3	-223.2	23.8
3	24.00	-14.5	44.9	2345	2811	-6.2	16.0	-880.2	1426.7	-339.9	-212.5	24.5
MECH	37.00	-24.8	74.7	4509	5370	-5.5	13.9	-865.7	1381.8	-321.7	-201.2	25.0
5	61.00	-18.3	36.1	2094	3007	-8.7	12.0	-840.8	1307.1	-289.4	-180.7	25.0
6	73.00	-20.6	29.5	2091	2952	-9.8	10.0	-822.6	1271.0	-274.0	-170.7	25.2
7	85.00	-20.2	27.9	2091	2952	-9.6	9.4	-802.0	1241.6	-258.9	-161.0	25.2
8	97.00	-19.8	26.2	2091	2952	-9.4	8.9	-781.9	1213.7	-244.1	-151.5	25.2
9	109.00	-20.1	26.4	2091	2952	-9.6	8.9	-762.1	1187.5	-229.7	-142.2	25.2
10	121.00	-21.0	27.8	2091	2952	-10.1	9.4	-742.0	1161.1	-215.6	-133.2	25.1
11	133.00	-22.0	29.1	2091	2952	-10.5	9.9	-720.9	1133.3	-201.9	-124.4	25.0
12	145.00	-22.9	30.5	2091	2952	-11.0	10.3	-698.9	1104.2	-188.5	-115.9	24.7
13	157.00	-23.8	31.9	2091	2952	-11.4	10.8	-676.0	1073.7	-175.4	-107.6	24.4
14	169.00	-24.8	33.3	2091	2952	-11.8	11.3	-652.2	1041.7	-162.7	-99.7	24.0
15	181.00	-25.7	34.7	2091	2952	-12.3	11.8	-627.4	1008.4	-150.4	-92.0	23.5
16	193.00	-26.6	36.1	2091	2952	-12.7	12.2	-601.7	973.7	-138.5	-84.6	22.9
17	205.00	-26.9	37.1	2091	2952	-12.9	12.6	-575.1	937.6	-127.0	-77.5	22.2
18	217.00	-26.6	38.1	2091	2952	-12.7	12.9	-548.2	900.5	-116.0	-70.8	21.4
19	229.00	-26.4	39.1	2091	2952	-12.6	13.2	-521.5	862.4	-105.4	-64.4	20.7
20	241.00	-26.1	40.1	2091	2952	-12.5	13.6	-495.2	823.4	-95.3	-58.3	19.9
21	253.00	-25.8	41.1	2091	2952	-12.3	13.9	-469.1	783.3	-85.7	-52.5	19.0
22	265.00	-25.5	42.1	2091	2952	-12.2	14.3	-443.3	742.2	-76.5	-47.0	18.2
23	277.00	-25.2	43.1	2091	2952	-12.1	14.6	-417.8	700.1	-67.9	-41.9	17.3
24	289.00	-24.9	44.1	2091	2952	-11.9	14.9	-392.6	657.0	-59.7	-37.0	16.4
25	301.00	-24.9	44.4	2091	2952	-11.9	15.0	-367.7	612.9	-52.1	-32.4	15.4
26	313.00	-25.0	44.4	2091	2952	-12.0	15.1	-342.8	568.6	-45.0	-28.2	14.5
27	325.00	-25.2	44.5	2091	2952	-12.1	15.1	-317.8	524.1	-38.5	-24.2	13.5
28	337.00	-25.4	44.5	2091	2952	-12.2	15.1	-292.6	479.6	-32.4	-20.5	12.6
29	349.00	-25.6	44.6	2091	2952	-12.3	15.1	-267.1	435.1	-26.9	-17.2	11.6
30	361.00	-25.8	44.7	2091	2952	-12.4	15.1	-241.5	390.5	-22.0	-14.1	10.6
31	373.00	-26.0	44.7	2091	2952	-12.4	15.2	-215.7	345.8	-17.6	-11.4	9.6
32	385.00	-26.2	44.8	2091	2952	-12.5	15.2	-189.7	301.1	-13.7	-9.0	8.6
33	397.00	-25.1	42.6	2091	2952	-12.0	14.4	-163.5	256.3	-10.4	-6.8	7.5
34	409.00	-24.3	40.3	2091	2952	-11.6	13.7	-138.3	213.7	-7.5	-5.0	6.5
35	421.00	-23.5	38.0	2091	2952	-11.3	12.9	-114.0	173.4	-5.2	-3.5	5.5
36	433.00	-22.4	35.3	2091	2952	-10.7	12.0	-90.5	135.4	-3.4	-2.3	4.4
37	445.00	-23.1	35.4	2265	3198	-10.2	11.1	-68.1	100.0	-1.9	-1.3	3.4
MECH	458.00	-45.0	64.6	4704	6641	-9.6	9.7	-45.0	64.6	-.9	-.6	2.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-10.9	37.3	2074	2505	-5.2	14.9	-529.8	1967.2	-524.9	-130.9	23.8
LOB	12.00	-10.1	37.9	2103	2534	-4.8	14.9	-519.0	1929.9	-501.5	-124.6	24.7
3	24.00	-9.6	39.3	2345	2811	-4.1	14.0	-508.9	1892.1	-478.6	-118.5	25.4
MECH	37.00	-14.5	67.7	4509	5370	-3.2	12.6	-499.3	1852.8	-454.2	-111.9	25.7
5	61.00	-13.5	37.3	2094	3007	-6.4	12.4	-484.8	1785.1	-410.6	-100.1	25.6
6	73.00	-14.6	31.2	2091	2952	-7.0	10.6	-471.3	1747.8	-389.4	-94.4	25.8
7	85.00	-14.1	30.5	2091	2952	-6.8	10.4	-456.7	1716.6	-368.6	-88.8	25.7
8	97.00	-13.7	29.9	2091	2952	-6.5	10.1	-442.6	1686.0	-348.2	-83.4	25.5
9	109.00	-13.7	31.4	2091	2952	-6.6	10.6	-428.9	1656.2	-328.1	-78.2	25.3
10	121.00	-13.8	34.2	2091	2952	-6.6	11.6	-415.2	1624.8	-308.4	-73.1	25.0
11	133.00	-13.9	37.0	2091	2952	-6.6	12.5	-401.4	1590.6	-289.1	-68.2	24.7
12	145.00	-14.0	39.8	2091	2952	-6.7	13.5	-387.5	1553.6	-270.3	-63.5	24.3
13	157.00	-14.1	42.7	2091	2952	-6.7	14.5	-373.5	1513.8	-251.9	-58.9	23.8
14	169.00	-14.2	45.5	2091	2952	-6.8	15.4	-359.4	1471.2	-233.9	-54.5	23.3
15	181.00	-14.3	48.3	2091	2952	-6.8	16.4	-345.3	1425.7	-216.6	-50.3	22.6
16	193.00	-14.4	51.1	2091	2952	-6.9	17.3	-331.0	1377.4	-199.7	-46.2	21.9
17	205.00	-14.4	52.7	2091	2952	-6.9	17.9	-316.6	1326.3	-183.5	-42.3	21.2
18	217.00	-14.3	53.7	2091	2952	-6.9	18.2	-302.3	1273.5	-167.9	-38.6	20.3
19	229.00	-14.3	54.7	2091	2952	-6.8	18.5	-288.0	1219.8	-153.0	-35.1	19.6
20	241.00	-14.3	55.7	2091	2952	-6.8	18.9	-273.6	1165.1	-138.7	-31.7	18.8
21	253.00	-14.3	56.7	2091	2952	-6.8	19.2	-259.3	1109.4	-125.0	-28.5	18.0
22	265.00	-14.2	57.7	2091	2952	-6.8	19.5	-245.1	1052.7	-112.0	-25.5	17.2
23	277.00	-14.2	58.7	2091	2952	-6.8	19.9	-230.8	995.0	-99.7	-22.6	16.5
24	289.00	-14.2	59.7	2091	2952	-6.8	20.2	-216.6	936.3	-88.2	-20.0	15.7
25	301.00	-14.2	60.3	2091	2952	-6.8	20.3	-202.4	876.7	-77.3	-17.4	15.0
26	313.00	-14.3	60.3	2091	2952	-6.8	20.4	-188.2	816.6	-67.1	-15.1	14.2
27	325.00	-14.4	60.5	2091	2952	-6.9	20.5	-173.9	756.4	-57.7	-12.9	13.4
28	337.00	-14.5	60.7	2091	2952	-6.9	20.6	-159.6	695.9	-49.0	-10.9	12.6
29	349.00	-14.5	60.9	2091	2952	-7.0	20.6	-145.1	635.2	-41.0	-9.1	11.7
30	361.00	-14.6	61.2	2091	2952	-7.0	20.7	-130.6	574.2	-33.7	-7.4	10.9
31	373.00	-14.7	61.4	2091	2952	-7.0	20.8	-115.9	513.1	-27.2	-6.0	9.9
32	385.00	-14.8	61.6	2091	2952	-7.1	20.9	-101.2	451.7	-21.4	-4.7	9.0
33	397.00	-13.9	59.7	2091	2952	-6.7	20.2	-86.4	390.1	-16.4	-3.5	8.0
34	409.00	-13.3	57.7	2091	2952	-6.4	19.5	-72.5	330.3	-12.0	-2.6	7.0
35	421.00	-12.7	55.8	2091	2952	-6.1	18.9	-59.2	272.7	-8.4	-1.8	6.0
36	433.00	-12.0	53.8	2091	2952	-5.7	18.2	-46.5	216.9	-5.5	-1.2	4.9
37	445.00	-12.2	55.9	2265	3198	-5.4	17.5	-34.5	163.1	-3.2	-.7	3.8
MECH	458.00	-22.3	107.2	4704	6641	-4.7	16.1	-22.3	107.2	-1.4	-.3	2.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-13.0	43.1	2074	2505	-6.3	17.2	-676.3	2057.0	-531.3	-187.2	10.8
LOB	12.00	-10.5	42.6	2103	2534	-5.0	16.8	-663.4	2013.9	-506.9	-179.2	11.9
3	24.00	-9.0	44.3	2345	2811	-3.9	15.7	-652.8	1971.2	-483.0	-171.3	12.6
MECH	37.00	-10.8	76.5	4509	5370	-2.4	14.2	-643.8	1927.0	-457.6	-162.9	13.0
5	61.00	-11.9	43.1	2094	3007	-5.7	14.3	-633.0	1850.5	-412.3	-147.6	12.8
6	73.00	-12.1	36.6	2091	2952	-5.8	12.4	-621.0	1807.4	-390.3	-140.7	13.1
7	85.00	-11.2	36.2	2091	2952	-5.3	12.3	-608.9	1770.8	-368.9	-132.7	12.9
8	97.00	-10.3	35.7	2091	2952	-4.9	12.1	-597.8	1734.6	-347.8	-125.4	12.7
9	109.00	-10.8	37.4	2091	2952	-5.2	12.7	-587.5	1698.9	-327.2	-118.3	12.5
10	121.00	-11.7	40.0	2091	2952	-5.6	13.5	-576.7	1661.6	-307.1	-111.3	12.2
11	133.00	-12.6	42.6	2091	2952	-6.0	14.4	-565.0	1621.6	-287.4	-104.5	11.9
12	145.00	-13.5	45.2	2091	2952	-6.5	15.3	-552.4	1579.0	-268.2	-97.8	11.6
13	157.00	-14.4	47.7	2091	2952	-6.9	16.2	-538.9	1533.8	-249.5	-91.2	11.3
14	169.00	-15.3	50.3	2091	2952	-7.3	17.1	-524.5	1486.1	-231.4	-84.8	11.0
15	181.00	-16.2	52.9	2091	2952	-7.8	17.9	-509.2	1435.8	-213.8	-78.6	10.6
16	193.00	-17.1	55.5	2091	2952	-8.2	18.8	-492.9	1382.8	-196.9	-72.6	10.2
17	205.00	-17.6	56.7	2091	2952	-8.4	19.2	-475.8	1327.3	-180.7	-66.8	9.8
18	217.00	-18.0	57.2	2091	2952	-8.6	19.4	-458.2	1270.6	-165.1	-61.2	9.4
19	229.00	-18.5	57.7	2091	2952	-8.8	19.5	-440.2	1213.5	-150.2	-55.8	9.0
20	241.00	-18.9	58.1	2091	2952	-9.0	19.7	-421.7	1155.8	-136.0	-50.6	8.5
21	253.00	-19.3	58.6	2091	2952	-9.2	19.9	-402.8	1097.7	-122.4	-45.7	8.1
22	265.00	-19.8	59.1	2091	2952	-9.5	20.0	-383.5	1039.1	-109.6	-41.0	7.7
23	277.00	-20.2	59.6	2091	2952	-9.7	20.2	-363.7	980.0	-97.5	-36.5	7.3
24	289.00	-20.6	60.1	2091	2952	-9.9	20.4	-343.5	920.4	-86.1	-32.2	6.9
25	301.00	-21.1	60.2	2091	2952	-10.1	20.4	-322.9	860.3	-75.4	-28.2	6.5
26	313.00	-21.5	60.1	2091	2952	-10.3	20.4	-301.9	800.2	-65.5	-24.5	6.1
27	325.00	-22.0	60.1	2091	2952	-10.5	20.4	-280.3	740.0	-56.2	-21.0	5.8
28	337.00	-22.5	60.1	2091	2952	-10.8	20.4	-258.3	679.9	-47.7	-17.8	5.4
29	349.00	-23.0	60.1	2091	2952	-11.0	20.4	-235.8	619.8	-39.9	-14.8	5.0
30	361.00	-23.4	60.1	2091	2952	-11.2	20.4	-212.9	559.7	-32.8	-12.1	4.6
31	373.00	-23.9	60.0	2091	2952	-11.4	20.3	-189.4	499.7	-26.5	-9.7	4.3
32	385.00	-24.4	60.0	2091	2952	-11.7	20.3	-165.5	439.6	-20.8	-7.6	3.9
33	397.00	-23.1	58.3	2091	2952	-11.1	19.7	-141.1	379.6	-15.9	-5.7	3.5
34	409.00	-22.0	56.2	2091	2952	-10.5	19.0	-117.9	321.3	-11.7	-4.2	3.1
35	421.00	-20.9	54.3	2091	2952	-10.0	18.4	-95.9	265.1	-8.2	-2.9	2.7
36	433.00	-19.4	52.3	2091	2952	-9.3	17.7	-75.1	210.8	-5.3	-1.9	2.3
37	445.00	-19.5	54.2	22665	31988	-8.6	16.9	-55.7	158.5	-3.1	-1.1	1.8
MECH	458.00	-36.2	104.3	4704	6641	-7.7	15.7	-36.2	104.3	-1.4	-.5	1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	-14.2	49.2	2074	2505	-6.9	19.7	-825.1	2012.3	-511.2	-235.1	5.0
LOB	12.00	-11.7	47.9	2103	2534	-5.6	18.9	-810.9	1963.0	-487.4	-225.3	6.2
3	24.00	-10.6	48.9	2345	2811	-4.5	17.4	-799.1	1915.2	-464.1	-215.7	7.1
MECH	37.00	-14.2	82.3	4509	5370	-3.1	15.3	-788.6	1866.3	-439.5	-205.3	7.7
5	61.00	-14.5	45.3	2094	3007	-6.9	15.1	-774.4	1784.0	-395.7	-186.6	7.7
6	73.00	-14.2	37.6	2091	2952	-6.8	12.7	-759.9	1738.7	-374.6	-177.4	8.2
7	85.00	-13.3	36.4	2091	2952	-6.4	12.3	-745.7	1701.1	-354.0	-168.3	8.2
8	97.00	-12.3	35.3	2091	2952	-5.9	12.0	-732.4	1664.7	-333.8	-159.5	8.1
9	109.00	-12.9	36.8	2091	2952	-6.2	12.5	-720.1	1629.4	-314.0	-150.8	8.0
10	121.00	-13.7	39.2	2091	2952	-6.6	13.3	-707.2	1592.6	-294.7	-142.2	7.9
11	133.00	-14.6	41.5	2091	2952	-7.0	14.1	-693.4	1553.4	-275.8	-133.8	7.8
12	145.00	-15.4	43.8	2091	2952	-7.4	14.8	-678.9	1511.9	-257.4	-125.6	7.6
13	157.00	-16.2	46.1	2091	2952	-7.7	15.6	-663.5	1468.1	-239.5	-117.5	7.4
14	169.00	-17.0	48.5	2091	2952	-8.1	16.4	-647.3	1421.9	-222.2	-109.6	7.2
15	181.00	-17.8	50.8	2091	2952	-8.5	17.2	-630.4	1373.5	-205.4	-102.0	7.0
16	193.00	-18.6	53.1	2091	2952	-8.9	18.0	-612.6	1322.7	-189.2	-94.5	6.7
17	205.00	-19.3	54.1	2091	2952	-9.2	18.3	-593.9	1269.6	-173.7	-87.3	6.4
18	217.00	-20.0	54.4	2091	2952	-9.5	18.4	-574.7	1215.5	-158.8	-80.3	6.1
19	229.00	-20.7	54.8	2091	2952	-9.9	18.5	-554.7	1161.1	-144.5	-73.5	5.8
20	241.00	-21.4	55.1	2091	2952	-10.2	18.7	-534.0	1106.3	-130.9	-67.0	5.5
21	253.00	-22.1	55.4	2091	2952	-10.6	18.8	-512.7	1051.2	-118.0	-60.7	5.1
22	265.00	-22.8	55.8	2091	2952	-10.9	18.9	-490.6	995.8	-105.7	-54.7	4.9
23	277.00	-23.5	56.1	2091	2952	-11.2	19.0	-467.9	940.0	-94.1	-48.9	4.6
24	289.00	-24.2	56.4	2091	2952	-11.6	19.1	-444.4	883.9	-83.1	-43.4	4.3
25	301.00	-24.8	56.7	2091	2952	-11.9	19.2	-420.3	827.5	-72.7	-38.2	4.0
26	313.00	-25.7	56.9	2091	2952	-12.3	19.3	-395.5	770.8	-63.3	-33.4	3.7
27	325.00	-26.6	57.2	2091	2952	-12.7	19.4	-369.7	713.8	-54.4	-28.8	3.5
28	337.00	-27.5	57.4	2091	2952	-13.2	19.4	-343.1	656.7	-46.1	-24.5	3.3
29	349.00	-28.5	57.6	2091	2952	-13.6	19.5	-315.6	599.3	-38.6	-20.5	3.0
30	361.00	-29.4	57.8	2091	2952	-14.1	19.6	-287.1	541.7	-31.7	-16.9	2.7
31	373.00	-30.3	58.0	2091	2952	-14.5	19.7	-257.7	483.9	-25.6	-13.6	2.5
32	385.00	-31.2	58.3	2091	2952	-14.9	19.7	-227.4	425.8	-20.1	-10.7	2.2
33	397.00	-30.2	56.6	2091	2952	-14.4	19.2	-196.2	367.6	-15.4	-8.2	2.0
34	409.00	-29.3	54.6	2091	2952	-14.0	18.5	-166.0	311.0	-11.3	-6.0	1.8
35	421.00	-28.4	52.8	2091	2952	-13.6	17.9	-136.8	256.4	-7.9	-4.2	1.5
36	433.00	-27.1	50.7	2091	2952	-13.0	17.2	-108.4	203.6	-5.1	-2.7	1.3
37	445.00	-28.0	52.5	2265	3198	-12.3	16.4	-81.3	152.9	-3.0	-1.6	1.0
MECH	458.00	-53.3	100.4	4704	6641	-11.3	15.1	-53.3	100.4	-1.4	-.7	.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-11.4	51.7	2074	2505	-5.5	20.7	-948.4	1918.4	-471.6	-273.4	3.2
LOB	12.00	-9.7	50.0	2103	2534	-4.6	19.7	-936.9	1866.6	-448.9	-262.1	4.5
3	24.00	-9.5	51.0	2345	2811	-4.0	18.2	-927.2	1816.6	-426.8	-250.9	5.5
MECH	37.00	-14.9	85.6	4509	5370	-3.3	15.9	-917.7	1765.6	-403.6	-238.9	6.1
5	61.00	-14.8	46.4	2094	3007	-7.1	15.4	-902.8	1680.0	-362.2	-217.1	6.5
6	73.00	-15.1	38.4	2091	2952	-7.2	13.0	-888.0	1633.6	-342.3	-206.3	7.1
7	85.00	-14.8	37.2	2091	2952	-7.1	12.6	-872.9	1595.2	-323.0	-195.8	7.2
8	97.00	-14.4	36.1	2091	2952	-6.9	12.2	-858.1	1557.9	-304.0	-185.4	7.2
9	109.00	-15.3	37.5	2091	2952	-7.3	12.7	-843.7	1521.9	-285.6	-175.2	7.3
10	121.00	-16.3	39.7	2091	2952	-7.8	13.5	-828.4	1484.4	-267.5	-165.1	7.3
11	133.00	-17.2	42.0	2091	2952	-8.2	14.2	-812.1	1444.7	-249.9	-155.3	7.3
12	145.00	-18.2	44.2	2091	2952	-8.7	15.0	-794.9	1402.7	-232.9	-145.6	7.3
13	157.00	-19.1	46.5	2091	2952	-9.2	15.7	-776.7	1358.4	-216.3	-136.2	7.2
14	169.00	-20.1	48.7	2091	2952	-9.6	16.5	-757.6	1312.0	-200.3	-127.0	7.1
15	181.00	-21.1	50.9	2091	2952	-10.1	17.3	-737.5	1263.3	-184.8	-118.0	7.0
16	193.00	-22.0	53.2	2091	2952	-10.5	18.0	-716.4	1212.4	-170.0	-109.3	6.9
17	205.00	-22.9	53.7	2091	2952	-10.9	18.2	-694.4	1159.2	-155.7	-100.8	6.6
18	217.00	-23.8	53.4	2091	2952	-11.4	18.1	-671.5	1105.5	-142.1	-92.7	6.4
19	229.00	-24.8	53.2	2091	2952	-11.9	18.0	-647.7	1052.1	-129.2	-84.7	6.2
20	241.00	-25.7	52.9	2091	2952	-12.3	17.9	-622.9	998.9	-116.9	-77.1	5.9
21	253.00	-26.7	52.7	2091	2952	-12.8	17.9	-597.2	946.0	-105.2	-69.8	5.7
22	265.00	-27.7	52.4	2091	2952	-13.2	17.8	-570.5	893.3	-94.2	-62.8	5.4
23	277.00	-28.6	52.2	2091	2952	-13.7	17.7	-542.8	840.9	-83.8	-56.1	5.1
24	289.00	-29.6	52.0	2091	2952	-14.2	17.6	-514.2	788.7	-74.0	-49.8	4.9
25	301.00	-30.2	51.8	2091	2952	-14.4	17.6	-484.6	736.7	-64.9	-43.8	4.6
26	313.00	-30.8	51.6	2091	2952	-14.8	17.5	-454.4	684.9	-56.3	-38.1	4.3
27	325.00	-31.5	51.4	2091	2952	-15.1	17.4	-423.6	633.3	-48.4	-32.9	3.9
28	337.00	-32.2	51.2	2091	2952	-15.4	17.4	-392.0	581.8	-41.1	-28.0	3.6
29	349.00	-32.9	51.0	2091	2952	-15.7	17.3	-359.8	530.6	-34.5	-23.5	3.3
30	361.00	-33.6	50.8	2091	2952	-16.1	17.2	-326.9	479.6	-28.4	-19.3	3.0
31	373.00	-34.3	50.6	2091	2952	-16.4	17.2	-293.3	428.8	-22.9	-15.6	2.7
32	385.00	-35.0	50.4	2091	2952	-16.7	17.1	-259.1	378.1	-18.1	-12.3	2.4
33	397.00	-34.0	49.1	2091	2952	-16.2	16.7	-224.1	327.7	-13.9	-9.4	2.1
34	409.00	-33.1	47.8	2091	2952	-15.8	16.2	-190.2	278.6	-10.2	-6.9	1.8
35	421.00	-32.2	46.5	2091	2952	-15.4	15.8	-157.1	230.8	-7.2	-4.8	1.4
36	433.00	-31.1	45.2	2091	2952	-14.9	15.3	-124.9	184.3	-4.7	-3.2	1.1
37	445.00	-32.3	47.4	2265	3198	-14.3	14.8	-93.8	139.1	-2.7	-1.8	.9
MECH	458.00	-61.5	91.8	4704	6641	-13.1	13.8	-61.5	91.8	-1.2	-.8	.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-6.2	39.2	2074	2505	-3.0	15.7	-893.4	1225.6	-282.3	-263.0	9.8
LOB	12.00	-5.2	38.1	2103	2534	-2.5	15.0	-887.2	1186.4	-267.8	-252.3	10.4
3	24.00	-5.4	39.2	2345	2811	-2.3	13.9	-882.0	1148.3	-253.8	-241.7	10.8
MECH	37.00	-9.5	66.6	4509	5370	-2.1	12.4	-876.6	1109.2	-239.2	-230.3	11.1
5	61.00	-10.9	31.8	2094	3007	-5.2	10.6	-867.1	1042.6	-213.3	-209.4	11.3
6	73.00	-10.4	24.6	2091	2952	-5.0	8.3	-856.2	1010.9	-201.0	-199.0	11.8
7	85.00	-9.7	23.2	2091	2952	-4.7	7.9	-845.8	986.3	-189.0	-188.8	11.7
8	97.00	-9.1	21.8	2091	2952	-4.4	7.4	-836.1	963.1	-177.3	-178.7	11.7
9	109.00	-10.4	23.0	2091	2952	-5.0	7.8	-827.0	941.3	-165.9	-168.7	11.7
10	121.00	-12.5	25.4	2091	2952	-6.0	8.6	-816.6	918.4	-154.7	-158.9	11.7
11	133.00	-14.7	27.9	2091	2952	-7.0	9.4	-804.1	892.9	-143.9	-149.1	11.6
12	145.00	-16.8	30.3	2091	2952	-8.0	10.3	-789.4	865.1	-133.3	-139.6	11.6
13	157.00	-19.0	32.7	2091	2952	-9.1	11.1	-772.6	834.8	-123.1	-130.2	11.5
14	169.00	-21.1	35.2	2091	2952	-10.1	11.9	-753.7	802.1	-113.3	-121.1	11.3
15	181.00	-23.3	37.6	2091	2952	-11.1	12.7	-732.5	766.9	-103.9	-112.1	11.2
16	193.00	-25.4	40.0	2091	2952	-12.2	13.6	-709.3	729.3	-94.9	-103.5	11.0
17	205.00	-26.4	39.8	2091	2952	-12.6	13.5	-683.9	689.3	-86.4	-95.1	10.7
18	217.00	-27.1	38.6	2091	2952	-13.0	13.1	-657.4	649.5	-78.4	-87.1	10.5
19	229.00	-27.8	37.5	2091	2952	-13.3	12.7	-630.3	610.8	-70.8	-79.4	10.2
20	241.00	-28.4	36.4	2091	2952	-13.6	12.3	-602.5	573.3	-63.7	-72.0	9.9
21	253.00	-29.1	35.2	2091	2952	-13.9	11.9	-574.1	537.0	-57.0	-64.9	9.6
22	265.00	-29.8	34.1	2091	2952	-14.2	11.5	-545.0	501.8	-50.8	-58.2	9.2
23	277.00	-30.4	32.9	2091	2952	-14.6	11.2	-515.2	467.7	-45.0	-51.8	8.9
24	289.00	-31.1	31.8	2091	2952	-14.9	10.8	-484.8	434.8	-39.6	-45.8	8.5
25	301.00	-31.3	31.1	2091	2952	-15.0	10.5	-453.7	403.0	-34.6	-40.2	8.1
26	313.00	-31.3	30.5	2091	2952	-15.0	10.3	-422.4	371.9	-29.9	-34.9	7.6
27	325.00	-31.3	29.8	2091	2952	-14.9	10.1	-391.1	341.5	-25.6	-30.1	7.2
28	337.00	-31.2	29.2	2091	2952	-14.9	9.9	-359.9	311.6	-21.7	-25.5	6.7
29	349.00	-31.2	28.6	2091	2952	-14.9	9.7	-328.7	282.4	-18.1	-21.4	6.2
30	361.00	-31.2	27.9	2091	2952	-14.9	9.5	-297.4	253.9	-14.9	-17.7	5.7
31	373.00	-31.2	27.3	2091	2952	-14.9	9.2	-266.2	225.9	-12.0	-14.3	5.2
32	385.00	-31.2	26.7	2091	2952	-14.9	9.0	-235.0	198.6	-9.5	-11.3	4.6
33	397.00	-30.2	25.9	2091	2952	-14.5	8.8	-203.7	172.0	-7.3	-8.6	4.1
34	409.00	-29.5	25.0	2091	2952	-14.1	8.5	-173.5	146.1	-5.4	-6.4	3.5
35	421.00	-29.0	24.4	2091	2952	-13.9	8.3	-144.0	121.1	-3.8	-4.5	2.9
36	433.00	-28.3	23.7	2091	2952	-13.5	8.0	-115.0	96.7	-2.5	-2.9	2.4
37	445.00	-29.8	25.0	2265	3198	-13.1	7.8	-86.7	73.0	-1.4	-1.7	1.8
MECH	458.00	-57.0	48.0	4704	6641	-12.1	7.2	-57.0	48.0	-.6	-.8	1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	5.5	20.3	2074	2505	2.6	8.1	-111.7	523.4	-96.5	-39.6	8.5
LOB	12.00	6.2	19.8	2103	2534	3.0	7.8	-117.2	503.0	-90.3	-38.2	8.8
3	24.00	6.8	20.2	2345	2811	2.9	7.2	-123.4	483.2	-84.2	-36.8	9.0
MECH	37.00	12.6	34.0	4509	5370	2.8	6.3	-130.2	463.0	-78.2	-35.1	9.0
5	61.00	-.3	13.9	2094	3007	-.1	4.6	-142.9	429.1	-67.5	-31.9	8.9
6	73.00	.8	9.3	2091	2952	.4	3.2	-142.6	415.2	-62.5	-30.1	9.2
7	85.00	1.8	8.8	2091	2952	.9	3.0	-143.5	405.9	-57.5	-28.4	9.2
8	97.00	2.8	8.3	2091	2952	1.4	2.8	-145.3	397.0	-52.7	-26.7	9.2
9	109.00	2.0	9.9	2091	2952	.9	3.3	-148.1	388.7	-48.0	-24.9	9.2
10	121.00	.0	12.5	2091	2952	.0	4.2	-150.1	378.9	-43.3	-23.1	9.2
11	133.00	-1.9	15.1	2091	2952	-.9	5.1	-150.1	366.4	-38.6	-21.3	9.2
12	145.00	-3.9	17.7	2091	2952	-1.9	6.0	-148.2	351.3	-34.0	-19.6	9.1
13	157.00	-5.8	20.3	2091	2952	-2.8	6.9	-144.3	333.6	-29.5	-17.8	8.8
14	169.00	-7.8	22.9	2091	2952	-3.7	7.8	-138.5	313.3	-25.0	-16.1	8.8
15	181.00	-9.7	25.5	2091	2952	-4.6	8.7	-130.7	290.4	-20.6	-14.5	8.6
16	193.00	-11.7	28.2	2091	2952	-5.6	9.5	-121.0	264.8	-16.3	-13.0	8.3
17	205.00	-11.5	27.5	2091	2952	-5.5	9.3	-109.3	236.6	-12.0	-11.6	8.0
18	217.00	-10.3	25.7	2091	2952	-4.9	8.7	-97.8	209.1	-8.1	-10.4	7.7
19	229.00	-9.2	23.9	2091	2952	-4.4	8.1	-87.5	183.4	-4.5	-9.2	7.4
20	241.00	-8.0	22.1	2091	2952	-3.8	7.5	-78.3	159.5	-1.4	-8.2	7.1
21	253.00	-6.9	20.3	2091	2952	-3.3	6.9	-70.3	137.4	1.5	-7.4	6.8
22	265.00	-5.7	18.5	2091	2952	-2.7	6.3	-63.4	117.1	4.1	-6.6	6.5
23	277.00	-4.6	16.7	2091	2952	-2.2	5.6	-57.7	98.7	6.3	-5.8	6.2
24	289.00	-3.4	14.8	2091	2952	-1.6	5.0	-53.1	82.0	8.0	-5.0	5.8
25	301.00	-2.4	13.6	2091	2952	-1.2	4.6	-49.6	67.0	9.3	-4.3	5.5
26	313.00	-2.6	11.8	2091	2952	-1.2	4.0	-47.2	53.7	10.2	-3.7	5.4
27	325.00	-2.8	10.1	2091	2952	-1.3	3.4	-44.6	41.7	10.9	-3.0	4.9
28	337.00	-2.9	8.3	2091	2952	-1.4	2.8	-41.9	31.7	11.3	-2.4	4.3
29	349.00	-3.1	6.6	2091	2952	-1.5	2.2	-39.0	23.3	11.6	-2.0	3.9
30	361.00	-3.3	4.8	2091	2952	-1.6	1.6	-35.8	16.7	11.7	-1.6	3.6
31	373.00	-3.5	3.1	2091	2952	-1.7	1.0	-32.5	11.9	11.8	-1.2	3.2
32	385.00	-3.7	1.3	2091	2952	-1.8	.4	-29.0	8.7	11.7	-.9	2.8
33	397.00	-3.7	-.8	2091	2952	-1.8	-.3	-25.3	6.8	11.6	-.6	2.5
34	409.00	-4.9	1.1	2091	2952	-2.4	.4	-21.6	5.7	11.4	-.3	2.2
35	421.00	-6.0	1.8	2091	2952	-2.9	.6	-16.7	5.7	11.1	-.3	1.7
36	433.00	-4.8	1.3	2091	2952	-2.3	.5	-10.7	5.8	10.7	-.2	1.3
37	445.00	-3.7	1.0	2265	3198	-1.6	.3	-5.8	3.2	10.2	-.1	1.0
MECH	458.00	-2.2	1.5	4704	6641	-.5	.2	-2.2	1.5	10.0	-.0	.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	14.0	7.5	2074	2505	6.7	3.0	215.8	-83.5	50.5	46.3	5.0
LOB	12.00	13.3	7.8	2103	2534	6.3	3.1	201.8	-91.0	49.5	43.8	5.0
3	24.00	13.3	7.9	2345	2811	5.7	2.8	188.5	-98.7	48.4	41.4	4.9
MECH	37.00	21.1	13.1	4509	5370	4.7	2.4	175.2	-106.6	47.0	39.1	4.7
5	61.00	-.1	2.1	2094	3007	-.1	.7	154.1	-119.6	44.3	35.1	4.1
6	73.00	-.1	-1.3	2091	2952	-.1	-.4	153.9	-121.7	42.9	33.3	4.4
7	85.00	-.2	-.8	2091	2952	-.1	-.3	154.1	-120.5	41.4	31.4	4.4
8	97.00	-.2	-.3	2091	2952	-.1	-.1	154.2	-119.7	40.0	29.6	4.5
9	109.00	-.0	.2	2091	2952	-.0	.1	154.4	-119.4	38.5	27.7	4.5
10	121.00	.5	.8	2091	2952	.3	.3	154.5	-119.7	37.1	25.9	4.5
11	133.00	1.1	1.3	2091	2952	.5	.4	153.9	-120.4	35.7	24.0	4.4
12	145.00	1.7	1.8	2091	2952	.8	.6	152.8	-121.7	34.2	22.2	4.4
13	157.00	2.3	2.3	2091	2952	1.1	.8	151.1	-123.5	32.7	20.4	4.3
14	169.00	2.9	2.8	2091	2952	1.4	1.0	148.8	-125.9	31.2	18.6	4.2
15	181.00	3.5	3.3	2091	2952	1.7	1.1	145.9	-128.7	29.7	16.8	4.1
16	193.00	4.1	3.9	2091	2952	1.9	1.3	142.4	-132.0	28.1	15.1	3.9
17	205.00	5.0	3.3	2091	2952	2.4	1.1	138.4	-135.9	26.5	13.4	3.8
18	217.00	6.0	2.3	2091	2952	2.9	.8	133.4	-139.2	24.9	11.7	3.6
19	229.00	7.0	1.3	2091	2952	3.4	.5	127.3	-141.6	23.2	10.2	3.4
20	241.00	8.1	-.7	2091	2952	3.9	-.1	120.3	-142.9	21.5	8.7	3.1
21	253.00	9.1	-.7	2091	2952	4.4	-.2	112.2	-143.2	19.8	7.3	2.9
22	265.00	10.1	-1.7	2091	2952	4.8	-.6	103.1	-142.6	18.1	6.0	2.7
23	277.00	11.2	-2.7	2091	2952	5.3	-.9	93.0	-140.9	16.4	4.8	2.5
24	289.00	12.2	-3.7	2091	2952	5.8	-1.2	81.8	-138.2	14.7	3.8	2.3
25	301.00	12.8	-4.1	2091	2952	6.1	-1.4	69.6	-134.6	13.0	2.9	2.0
26	313.00	11.5	-5.3	2091	2952	5.5	-1.8	56.9	-130.4	11.5	2.1	1.8
27	325.00	10.3	-6.5	2091	2952	4.9	-2.2	45.3	-125.1	9.9	1.5	1.6
28	337.00	9.0	-7.7	2091	2952	4.3	-2.6	35.1	-118.6	8.5	1.0	1.4
29	349.00	7.7	-8.9	2091	2952	3.7	-3.0	26.1	-111.0	7.1	.7	1.3
30	361.00	6.4	-10.1	2091	2952	3.1	-3.4	18.4	-102.1	5.8	.4	1.1
31	373.00	5.1	-11.2	2091	2952	2.4	-3.8	12.0	-92.0	4.6	.2	1.0
32	385.00	3.8	-12.4	2091	2952	1.8	-4.2	6.9	-80.8	3.6	.1	.9
33	397.00	2.9	-12.2	2091	2952	1.4	-4.1	3.1	-68.3	2.7	.0	.8
34	409.00	1.1	-11.1	2091	2952	.5	-3.8	-.2	-56.1	2.0	.0	.6
35	421.00	-.7	-9.7	2091	2952	-.3	-3.3	-.8	-45.0	1.4	.0	.5
36	433.00	-.6	-9.2	2091	2952	-.3	-3.1	-.2	-35.3	.9	.0	.4
37	445.00	-.4	-9.3	2265	3198	-.2	-2.9	.5	-26.1	.5	.0	.3
MECH	458.00	.8	-16.8	4704	6641	.2	-2.5	.8	-16.8	.2	.0	.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	15.3	7.7	2074	2505	7.4	3.1	427.5	-103.6	55.8	101.8	2.7
LOB	12.00	15.3	7.7	2103	2534	7.3	3.0	412.2	-111.4	54.5	96.7	2.6
3	24.00	15.9	7.9	2345	2811	6.8	2.8	396.9	-119.1	53.1	91.9	2.4
MECH	37.00	27.1	13.3	4509	5370	6.0	2.5	381.0	-126.9	51.5	86.8	2.1
5	61.00	2.3	2.5	2094	3007	1.1	.8	353.9	-140.2	48.3	78.0	1.3
6	73.00	1.9	-1.1	2091	2952	.9	-.4	351.6	-142.6	46.6	73.8	1.7
7	85.00	1.9	-1.0	2091	2952	.9	-.3	349.6	-141.5	44.9	69.5	1.8
8	97.00	1.8	-.9	2091	2952	.9	-.3	347.8	-140.5	43.2	65.4	1.8
9	109.00	2.4	-.2	2091	2952	1.1	-.1	346.0	-139.6	41.5	61.2	1.9
10	121.00	3.9	.4	2091	2952	1.9	.1	343.6	-139.4	39.9	57.1	1.9
11	133.00	5.5	1.0	2091	2952	2.6	.3	339.7	-139.8	38.2	53.0	2.0
12	145.00	7.0	1.6	2091	2952	3.4	.5	334.2	-140.8	36.5	48.9	2.0
13	157.00	8.6	2.1	2091	2952	4.1	.7	327.1	-142.3	34.8	45.0	2.0
14	169.00	10.2	2.7	2091	2952	4.9	.9	318.5	-144.4	33.1	41.1	2.0
15	181.00	11.8	3.3	2091	2952	5.6	1.1	308.3	-147.2	31.3	37.3	1.9
16	193.00	13.3	3.9	2091	2952	6.4	1.3	296.6	-150.5	29.6	33.7	1.9
17	205.00	14.5	3.2	2091	2952	6.9	1.1	283.3	-154.3	27.7	30.2	1.8
18	217.00	15.1	1.8	2091	2952	7.2	.6	268.8	-157.5	25.9	26.9	1.7
19	229.00	15.8	.4	2091	2952	7.6	.1	253.6	-159.4	24.0	23.8	1.5
20	241.00	16.5	-1.0	2091	2952	7.9	-.3	237.8	-159.8	22.0	20.8	1.4
21	253.00	17.1	-2.3	2091	2952	8.2	-.8	221.4	-158.8	20.1	18.1	1.3
22	265.00	17.8	-3.7	2091	2952	8.5	-1.3	204.2	-156.5	18.2	15.5	1.1
23	277.00	18.4	-5.1	2091	2952	8.8	-1.7	186.4	-152.8	16.4	13.2	.9
24	289.00	19.1	-6.5	2091	2952	9.1	-2.2	168.0	-147.6	14.6	11.0	.8
25	301.00	19.2	-6.8	2091	2952	9.2	-2.3	148.9	-141.1	12.8	9.1	.6
26	313.00	17.9	-7.6	2091	2952	8.6	-2.6	129.7	-134.3	11.2	7.5	.4
27	325.00	16.5	-8.3	2091	2952	7.9	-2.8	111.8	-126.7	9.6	6.0	.3
28	337.00	15.2	-9.1	2091	2952	7.3	-3.1	95.2	-118.4	8.2	4.8	.2
29	349.00	13.8	-9.8	2091	2952	6.6	-3.3	80.0	-109.4	6.8	3.7	.1
30	361.00	12.5	-10.6	2091	2952	6.0	-3.6	66.2	-99.5	5.5	2.8	.1
31	373.00	11.1	-11.3	2091	2952	5.3	-3.8	53.7	-89.0	4.4	2.1	.1
32	385.00	9.8	-12.1	2091	2952	4.7	-4.1	42.6	-77.6	3.4	1.5	.1
33	397.00	8.7	-11.8	2091	2952	4.2	-4.0	32.8	-65.6	2.5	1.1	.1
34	409.00	6.7	-11.1	2091	2952	3.2	-3.7	24.1	-53.7	1.8	.8	.1
35	421.00	4.5	-9.9	2091	2952	2.2	-3.3	17.5	-42.7	1.3	.5	.1
36	433.00	3.5	-8.9	2091	2952	1.7	-3.0	12.9	-32.8	.8	.3	.1
37	445.00	3.1	-8.6	2265	3198	1.4	-2.7	9.4	-23.9	.5	.2	.1
MECH	458.00	6.3	-15.3	4704	6641	1.3	-2.3	6.3	-15.3	.2	.1	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	16.6	11.2	2074	2505	8.0	4.5	817.7	171.6	-26.9	217.1	-1.9
LOB	12.00	17.4	11.2	2103	2534	8.3	4.4	801.0	160.4	-24.9	207.4	-1.9
3	24.00	19.2	11.7	2345	2811	8.2	4.2	783.7	149.2	-23.1	197.9	-2.1
MECH	37.00	36.2	20.9	4509	5370	8.0	3.9	764.5	137.5	-21.2	187.8	-2.3
5	61.00	8.3	7.6	2094	3007	4.0	2.5	728.3	116.6	-18.2	169.9	-3.0
6	73.00	8.9	3.9	2091	2952	4.2	1.3	720.0	109.0	-16.8	161.2	-2.6
7	85.00	9.5	3.0	2091	2952	4.6	1.0	711.1	105.2	-15.5	152.6	-2.4
8	97.00	10.2	2.2	2091	2952	4.9	.7	701.6	102.1	-14.3	144.1	-2.2
9	109.00	11.3	2.7	2091	2952	5.4	.9	691.4	99.9	-13.1	135.8	-2.0
10	121.00	12.9	3.6	2091	2952	6.2	1.2	680.1	97.2	-11.9	127.6	-1.8
11	133.00	14.5	4.4	2091	2952	6.9	1.5	667.2	93.6	-10.7	119.5	-1.7
12	145.00	16.2	5.2	2091	2952	7.7	1.8	652.7	89.2	-9.6	111.5	-1.5
13	157.00	17.8	6.0	2091	2952	8.5	2.0	636.5	84.1	-8.6	103.8	-1.4
14	169.00	19.4	6.8	2091	2952	9.3	2.3	618.7	78.1	-7.6	96.3	-1.3
15	181.00	21.1	7.6	2091	2952	10.1	2.6	599.3	71.3	-6.7	89.0	-1.2
16	193.00	22.7	8.4	2091	2952	10.9	2.8	578.2	63.8	-5.9	81.9	-1.1
17	205.00	23.6	8.0	2091	2952	11.3	2.7	555.5	55.4	-5.2	75.1	-1.0
18	217.00	23.8	7.1	2091	2952	11.4	2.4	531.9	47.4	-4.6	68.6	-1.0
19	229.00	24.1	6.2	2091	2952	11.5	2.1	508.1	40.3	-4.1	62.3	-1.0
20	241.00	24.4	5.3	2091	2952	11.6	1.8	484.0	34.1	-3.6	56.4	-1.0
21	253.00	24.6	4.3	2091	2952	11.8	1.5	459.6	28.8	-3.2	50.7	-1.0
22	265.00	24.9	3.4	2091	2952	11.9	1.2	435.0	24.4	-2.9	45.4	-1.0
23	277.00	25.1	2.5	2091	2952	12.0	.8	410.1	21.0	-2.7	40.3	-1.0
24	289.00	25.4	1.6	2091	2952	12.1	.5	385.0	18.5	-2.4	35.5	-1.0
25	301.00	25.5	1.3	2091	2952	12.2	.5	359.6	16.9	-2.2	31.1	-1.1
26	313.00	25.5	1.1	2091	2952	12.2	.4	334.2	15.6	-2.0	26.9	-1.1
27	325.00	25.5	.9	2091	2952	12.2	.3	308.7	14.5	-1.8	23.0	-1.2
28	337.00	25.6	.6	2091	2952	12.2	.2	283.1	13.6	-1.7	19.5	-1.2
29	349.00	25.6	.4	2091	2952	12.2	.1	257.6	13.0	-1.5	16.2	-1.3
30	361.00	25.6	.2	2091	2952	12.3	.1	232.0	12.6	-1.3	13.3	-1.3
31	373.00	25.7	-.1	2091	2952	12.3	-.0	206.4	12.4	-1.2	10.7	-1.4
32	385.00	25.7	-.3	2091	2952	12.3	-.1	180.7	12.5	-1.1	8.3	-1.4
33	397.00	26.0	-.4	2091	2952	12.4	-.1	155.1	12.8	-.9	6.3	-1.5
34	409.00	24.7	-.6	2091	2952	11.8	-.2	129.1	13.2	-.7	4.6	-1.5
35	421.00	22.6	-.3	2091	2952	10.8	-.1	104.4	13.8	-.6	3.2	-1.6
36	433.00	19.9	1.6	2091	2952	9.5	.5	81.8	14.1	-.4	2.1	-1.5
37	445.00	19.6	3.9	2265	3198	8.7	1.2	61.9	12.5	-.3	1.2	-1.4
MECH	458.00	42.2	8.6	4704	6641	9.0	1.3	42.2	8.6	-.1	.6	-1.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	16.9	14.4	2074	2505	8.2	5.8	1092.3	377.3	-96.1	314.4	-10.2
LOB	12.00	18.0	14.2	2103	2534	8.6	5.6	1075.4	362.9	-91.7	301.4	-10.2
3	24.00	20.4	14.7	2345	2811	8.7	5.2	1057.4	348.7	-87.4	288.6	-10.3
MECH	37.00	39.7	25.2	4509	5370	8.8	4.7	1037.0	334.0	-83.0	275.0	-10.5
5	61.00	10.4	9.8	2094	3007	5.0	3.3	997.3	308.8	-75.3	250.6	-11.3
6	73.00	11.1	6.5	2091	2952	5.3	2.2	986.9	299.0	-71.6	238.7	-10.9
7	85.00	12.0	5.8	2091	2952	5.7	2.0	975.8	292.5	-68.1	226.9	-10.7
8	97.00	13.0	5.1	2091	2952	6.2	1.7	963.8	286.7	-64.6	215.3	-10.6
9	109.00	14.2	5.1	2091	2952	6.8	1.7	950.9	281.5	-61.2	203.8	-10.4
10	121.00	15.6	5.5	2091	2952	7.5	1.9	936.6	276.4	-57.8	192.5	-10.2
11	133.00	16.9	5.9	2091	2952	8.1	2.0	921.1	270.9	-54.6	181.3	-10.1
12	145.00	18.3	6.2	2091	2952	8.8	2.1	904.1	265.1	-51.3	170.4	-9.9
13	157.00	19.7	6.6	2091	2952	9.4	2.2	885.8	258.8	-48.2	159.6	-9.8
14	169.00	21.0	7.0	2091	2952	10.1	2.4	866.1	252.2	-45.1	149.1	-9.7
15	181.00	22.4	7.4	2091	2952	10.7	2.5	845.1	245.2	-42.1	138.8	-9.6
16	193.00	23.7	7.8	2091	2952	11.4	2.6	822.7	237.8	-39.3	128.8	-9.5
17	205.00	24.8	7.8	2091	2952	11.8	2.6	799.0	230.1	-36.4	119.1	-9.4
18	217.00	25.8	7.6	2091	2952	12.3	2.6	774.2	222.3	-33.7	109.7	-9.3
19	229.00	26.8	7.4	2091	2952	12.8	2.5	748.4	214.7	-31.1	100.5	-9.2
20	241.00	27.9	7.3	2091	2952	13.3	2.5	721.6	207.3	-28.6	91.7	-9.1
21	253.00	28.9	7.1	2091	2952	13.8	2.4	693.7	200.0	-26.1	83.2	-8.9
22	265.00	30.0	6.9	2091	2952	14.3	2.4	664.8	192.9	-23.8	75.1	-8.7
23	277.00	31.0	6.8	2091	2952	14.8	2.3	634.8	186.0	-21.5	67.3	-8.5
24	289.00	32.0	6.6	2091	2952	15.3	2.2	603.8	179.2	-19.3	59.8	-8.2
25	301.00	32.6	6.9	2091	2952	15.6	2.4	571.8	172.6	-17.2	52.8	-7.9
26	313.00	33.9	7.9	2091	2952	16.2	2.7	539.2	165.7	-15.2	46.1	-7.6
27	325.00	35.2	8.8	2091	2952	16.8	3.0	505.3	157.8	-13.2	39.8	-7.3
28	337.00	36.5	9.8	2091	2952	17.5	3.3	470.0	149.0	-11.4	34.0	-7.0
29	349.00	37.8	10.7	2091	2952	18.1	3.6	433.5	139.2	-9.7	28.6	-6.6
30	361.00	39.1	11.6	2091	2952	18.7	3.9	395.8	128.5	-8.1	23.6	-6.2
31	373.00	40.4	12.6	2091	2952	19.3	4.3	356.7	116.9	-6.6	19.1	-5.9
32	385.00	41.7	13.5	2091	2952	19.9	4.6	316.3	104.3	-5.3	15.0	-5.5
33	397.00	42.7	13.2	2091	2952	20.4	4.5	274.6	90.8	-4.1	11.5	-5.0
34	409.00	41.9	11.7	2091	2952	20.0	4.0	232.0	77.6	-3.1	8.5	-4.6
35	421.00	39.8	10.2	2091	2952	19.0	3.5	190.1	65.9	-2.2	5.9	-4.1
36	433.00	36.0	11.5	2091	2952	17.2	3.9	150.3	55.7	-1.5	3.9	-3.7
37	445.00	36.6	14.5	2265	3198	16.2	4.5	114.3	44.2	-.9	2.3	-3.1
MECH	458.00	77.7	29.7	4704	6641	16.5	4.5	77.7	29.7	-.4	1.0	-2.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	17.7	14.8	2074	2505	8.6	5.9	1380.1	431.7	-111.3	412.5	-11.3
LOB	12.00	19.7	14.3	2103	2534	9.4	5.6	1362.4	416.9	-106.2	396.1	-11.2
3	24.00	22.6	15.2	2345	2811	9.7	5.4	1342.6	402.7	-101.3	379.8	-11.3
MECH	37.00	44.6	27.7	4509	5370	9.9	5.2	1320.0	387.4	-96.2	362.5	-11.5
5	61.00	11.6	9.8	2094	3007	5.5	3.3	1275.4	359.7	-87.2	331.4	-12.2
6	73.00	12.0	7.3	2091	2952	5.7	2.5	1263.8	349.9	-83.0	316.1	-11.7
7	85.00	12.6	7.5	2091	2952	6.0	2.5	1251.8	342.6	-78.8	301.0	-11.4
8	97.00	13.3	7.7	2091	2952	6.3	2.6	1239.2	335.1	-74.7	286.1	-11.1
9	109.00	14.5	7.8	2091	2952	6.9	2.6	1225.9	327.4	-70.8	271.3	-10.8
10	121.00	16.1	7.9	2091	2952	7.7	2.7	1211.4	319.6	-66.9	256.7	-10.6
11	133.00	17.7	8.1	2091	2952	8.4	2.7	1195.4	311.7	-63.1	242.2	-10.4
12	145.00	19.2	8.2	2091	2952	9.2	2.8	1177.7	303.6	-59.4	228.0	-10.2
13	157.00	20.8	8.4	2091	2952	10.0	2.8	1158.5	295.4	-55.8	214.0	-10.1
14	169.00	22.4	8.6	2091	2952	10.7	2.9	1137.6	287.0	-52.3	200.2	-10.0
15	181.00	24.0	8.7	2091	2952	11.5	3.0	1115.2	278.4	-48.9	186.7	-10.0
16	193.00	25.6	8.9	2091	2952	12.2	3.0	1091.2	269.7	-45.6	173.5	-10.1
17	205.00	27.6	8.6	2091	2952	13.2	2.9	1065.7	260.8	-42.5	160.5	-10.2
18	217.00	30.1	8.4	2091	2952	14.4	2.8	1038.1	252.2	-39.4	147.9	-10.3
19	229.00	32.7	8.2	2091	2952	15.6	2.8	1008.0	243.8	-36.4	135.6	-10.3
20	241.00	35.3	7.9	2091	2952	16.9	2.7	975.3	235.6	-33.5	123.7	-10.3
21	253.00	37.8	7.7	2091	2952	18.1	2.6	940.0	227.7	-30.7	112.2	-10.3
22	265.00	40.4	7.4	2091	2952	19.3	2.5	902.2	220.1	-28.1	101.2	-10.2
23	277.00	42.9	7.2	2091	2952	20.5	2.4	861.9	212.6	-25.5	90.6	-10.0
24	289.00	45.5	7.0	2091	2952	21.8	2.4	818.9	205.4	-23.0	80.5	-9.8
25	301.00	46.7	7.5	2091	2952	22.3	2.5	773.4	198.5	-20.5	71.0	-9.6
26	313.00	47.8	8.4	2091	2952	22.9	2.9	726.7	191.0	-18.2	61.9	-9.3
27	325.00	48.9	9.4	2091	2952	23.4	3.2	678.9	182.6	-15.9	53.5	-9.0
28	337.00	50.1	10.4	2091	2952	23.9	3.5	629.9	173.1	-13.8	45.7	-8.6
29	349.00	51.2	11.4	2091	2952	24.5	3.9	579.9	162.7	-11.8	38.4	-8.2
30	361.00	52.3	12.4	2091	2952	25.0	4.2	528.7	151.3	-9.9	31.8	-7.7
31	373.00	53.4	13.4	2091	2952	25.5	4.6	476.4	138.8	-8.2	25.7	-7.2
32	385.00	54.5	14.4	2091	2952	26.1	4.9	423.0	125.4	-6.6	20.3	-6.7
33	397.00	55.3	14.6	2091	2952	26.4	4.9	368.5	111.0	-5.2	15.6	-6.1
34	409.00	54.6	13.4	2091	2952	26.1	4.5	313.2	96.4	-3.9	11.5	-5.6
35	421.00	53.1	12.4	2091	2952	25.4	4.2	258.7	83.0	-2.9	8.1	-5.0
36	433.00	49.7	13.8	2091	2952	23.8	4.7	205.6	70.7	-1.9	5.3	-4.4
37	445.00	51.5	17.2	2265	3198	22.7	5.4	155.9	56.9	-1.2	3.1	-3.7
MECH	458.00	104.4	39.7	4704	6641	22.2	6.0	104.4	39.7	-.5	1.4	-2.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	20.0	11.2	2074	2505	9.6	4.5	1191.8	379.7	-94.7	332.5	-7.4
LOB	12.00	20.9	11.6	2103	2534	9.9	4.6	1171.8	368.6	-90.2	318.3	-7.7
3	24.00	23.3	12.7	2345	2811	9.9	4.5	1150.9	356.9	-85.8	304.3	-8.0
MECH	37.00	44.5	23.9	4509	5370	9.9	4.4	1127.7	344.2	-81.3	289.5	-8.4
5	61.00	11.6	8.7	2094	3007	5.5	2.9	1083.2	320.3	-73.3	263.0	-9.5
6	73.00	11.5	6.4	2091	2952	5.5	2.2	1071.5	311.6	-69.5	250.1	-9.3
7	85.00	12.2	6.2	2091	2952	5.8	2.1	1060.0	305.2	-65.8	237.3	-9.1
8	97.00	12.8	6.0	2091	2952	6.1	2.0	1047.9	299.1	-62.2	224.6	-9.0
9	109.00	14.4	6.4	2091	2952	6.9	2.2	1035.1	293.1	-58.6	212.1	-8.9
10	121.00	16.7	7.1	2091	2952	8.0	2.4	1020.7	286.7	-55.2	199.8	-8.8
11	133.00	19.1	7.7	2091	2952	9.1	2.6	1004.0	279.6	-51.8	187.7	-8.7
12	145.00	21.5	8.3	2091	2952	10.3	2.8	984.9	271.9	-48.5	175.7	-8.6
13	157.00	23.9	8.9	2091	2952	11.4	3.0	963.4	263.6	-45.2	164.0	-8.4
14	169.00	26.2	9.6	2091	2952	12.6	3.2	939.5	254.6	-42.1	152.6	-8.3
15	181.00	28.6	10.2	2091	2952	13.7	3.5	913.3	245.1	-39.1	141.5	-8.2
16	193.00	31.0	10.8	2091	2952	14.8	3.7	884.7	234.9	-36.3	130.7	-8.0
17	205.00	32.5	10.8	2091	2952	15.6	3.7	853.7	224.1	-33.5	120.3	-7.9
18	217.00	33.4	10.3	2091	2952	16.0	3.5	821.1	213.3	-30.9	110.2	-7.6
19	229.00	34.2	9.7	2091	2952	16.4	3.3	787.8	203.0	-28.4	100.6	-7.4
20	241.00	35.0	9.2	2091	2952	16.7	3.1	753.6	193.2	-26.0	91.5	-7.1
21	253.00	35.8	8.6	2091	2952	17.1	2.9	718.6	184.1	-23.7	82.9	-6.9
22	265.00	36.7	8.1	2091	2952	17.5	2.7	682.7	175.4	-21.6	74.8	-6.6
23	277.00	37.5	7.5	2091	2952	17.9	2.5	646.1	167.4	-19.5	67.1	-6.4
24	289.00	38.3	7.0	2091	2952	18.3	2.4	608.6	159.9	-17.6	59.8	-6.1
25	301.00	38.3	7.0	2091	2952	18.3	2.4	570.3	152.9	-15.7	52.9	-5.9
26	313.00	38.3	7.4	2091	2952	18.3	2.5	531.9	145.9	-13.9	46.4	-5.7
27	325.00	38.2	7.8	2091	2952	18.3	2.6	493.7	138.5	-12.2	40.2	-5.5
28	337.00	38.1	8.2	2091	2952	18.2	2.8	455.5	130.7	-10.6	34.3	-5.3
29	349.00	38.0	8.6	2091	2952	18.2	2.9	417.4	122.5	-9.1	28.8	-5.1
30	361.00	37.9	9.0	2091	2952	18.1	3.1	379.4	113.8	-7.6	23.7	-4.8
31	373.00	37.8	9.4	2091	2952	18.1	3.2	341.5	104.8	-6.3	18.9	-4.5
32	385.00	37.7	9.8	2091	2952	18.0	3.3	303.7	95.4	-5.1	14.8	-4.2
33	397.00	38.1	10.1	2091	2952	18.2	3.4	266.0	85.6	-4.0	11.4	-3.9
34	409.00	38.0	9.9	2091	2952	18.2	3.4	227.9	75.5	-3.1	8.5	-3.6
35	421.00	37.8	10.1	2091	2952	18.1	3.4	189.9	65.6	-2.2	6.0	-3.3
36	433.00	36.6	11.3	2091	2952	17.5	3.8	152.1	55.5	-1.5	3.9	-2.9
37	445.00	38.4	13.7	2265	3198	16.9	4.3	115.6	44.2	-.9	2.3	-2.1
MECH	458.00	77.2	30.5	4704	6641	16.4	4.6	77.2	30.5	-.4	1.0	-1.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	20.4	11.6	2074	2505	9.8	4.6	1134.7	261.4	-45.6	316.1	-4.4
LOB	12.00	20.9	12.1	2103	2534	9.9	4.8	1114.4	249.8	-42.6	302.6	-4.7
3	24.00	23.0	13.2	2345	2811	9.8	4.7	1093.4	237.7	-39.6	289.3	-5.0
MECH	37.00	43.4	24.6	4509	5370	9.6	4.6	1070.4	224.5	-36.6	275.3	-5.5
5	61.00	12.0	10.8	2094	3007	5.7	3.6	1027.0	199.9	-31.5	250.1	-6.5
6	73.00	12.2	8.5	2091	2952	5.8	2.9	1015.0	189.1	-29.2	237.9	-6.2
7	85.00	12.7	8.1	2091	2952	6.1	2.8	1002.8	180.6	-27.0	225.7	-6.0
8	97.00	13.3	7.7	2091	2952	6.4	2.6	990.0	172.4	-24.9	213.8	-5.9
9	109.00	14.6	8.1	2091	2952	7.0	2.7	976.7	164.7	-22.8	202.0	-5.7
10	121.00	16.7	8.4	2091	2952	8.0	2.9	962.1	156.6	-20.9	190.4	-5.5
11	133.00	18.9	8.7	2091	2952	9.0	2.9	945.3	148.2	-19.1	178.9	-5.4
12	145.00	21.0	9.0	2091	2952	10.0	3.0	926.5	139.5	-17.4	167.7	-5.2
13	157.00	23.1	9.3	2091	2952	11.0	3.1	905.5	130.5	-15.7	156.7	-5.0
14	169.00	25.2	9.6	2091	2952	12.1	3.2	882.4	121.2	-14.2	146.0	-4.8
15	181.00	27.3	9.9	2091	2952	13.1	3.3	857.2	111.6	-12.8	135.5	-4.6
16	193.00	29.5	10.1	2091	2952	14.1	3.4	829.9	101.8	-11.6	125.4	-4.5
17	205.00	30.5	9.7	2091	2952	14.6	3.3	800.4	91.6	-10.4	115.6	-4.3
18	217.00	30.9	8.8	2091	2952	14.8	3.0	769.9	81.9	-9.4	106.2	-4.1
19	229.00	31.2	7.9	2091	2952	14.9	2.7	739.1	73.1	-8.4	97.1	-3.9
20	241.00	31.5	7.0	2091	2952	15.1	2.4	707.9	65.1	-7.6	88.5	-3.8
21	253.00	31.8	6.1	2091	2952	15.2	2.1	676.4	58.1	-6.9	80.2	-3.6
22	265.00	32.2	5.2	2091	2952	15.4	1.8	644.5	52.0	-6.2	72.2	-3.5
23	277.00	32.5	4.3	2091	2952	15.6	1.5	612.3	46.7	-5.6	64.7	-3.3
24	289.00	32.8	3.4	2091	2952	15.7	1.2	579.8	42.4	-5.1	57.5	-3.2
25	301.00	33.0	2.9	2091	2952	15.8	1.0	547.0	39.0	-4.6	50.8	-3.1
26	313.00	33.6	2.5	2091	2952	16.1	.8	514.0	36.1	-4.1	44.4	-2.9
27	325.00	34.2	2.1	2091	2952	16.3	.7	480.4	33.6	-3.7	38.4	-2.8
28	337.00	34.7	1.7	2091	2952	16.6	.6	446.2	31.5	-3.3	32.9	-2.7
29	349.00	35.3	1.2	2091	2952	16.9	.4	411.5	29.8	-3.0	27.7	-2.5
30	361.00	35.9	.8	2091	2952	17.2	.3	376.2	28.6	-2.6	23.0	-2.4
31	373.00	36.5	.4	2091	2952	17.4	.1	340.3	27.8	-2.3	18.7	-2.3
32	385.00	37.0	.0	2091	2952	17.7	.0	303.8	27.4	-1.9	14.8	-2.2
33	397.00	38.2	.5	2091	2952	18.3	.2	266.8	27.4	-1.6	11.4	-2.1
34	409.00	38.4	1.1	2091	2952	18.3	.4	228.6	26.9	-1.3	8.5	-2.0
35	421.00	38.1	2.2	2091	2952	18.2	.7	190.2	25.8	-1.0	5.9	-1.8
36	433.00	36.9	3.9	2091	2952	17.7	1.3	152.1	23.6	-.7	3.9	-1.6
37	445.00	38.7	5.7	2265	3198	17.1	1.8	115.2	19.7	-.4	2.3	-1.3
MECH	458.00	76.6	14.0	4704	6641	16.3	2.1	76.6	14.0	-.2	1.0	-.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	20.7	9.8	2074	2505	10.0	3.9	1402.3	263.4	-46.2	397.4	-3.0
LOB	12.00	22.1	10.6	2103	2534	10.5	4.2	1381.6	253.6	-43.1	380.7	-3.2
3	24.00	25.7	11.7	2345	2811	10.9	4.1	1359.5	243.0	-40.1	364.2	-3.5
MECH	37.00	51.7	21.8	4509	5370	11.5	4.1	1333.8	231.3	-37.0	346.7	-4.0
5	61.00	16.8	10.7	2094	3007	8.0	3.6	1282.1	209.5	-31.7	315.3	-5.3
6	73.00	16.3	9.9	2091	2952	7.8	3.3	1265.3	198.8	-29.3	300.1	-5.0
7	85.00	16.8	10.2	2091	2952	8.0	3.5	1249.0	188.9	-26.9	285.0	-4.8
8	97.00	17.3	10.6	2091	2952	8.3	3.6	1232.2	178.7	-24.7	270.1	-4.5
9	109.00	18.5	10.8	2091	2952	8.8	3.7	1214.9	168.1	-22.7	255.4	-4.1
10	121.00	20.6	10.6	2091	2952	9.9	3.6	1196.5	157.3	-20.7	240.9	-3.8
11	133.00	22.8	10.5	2091	2952	10.9	3.5	1175.9	146.7	-18.9	226.7	-3.4
12	145.00	25.0	10.3	2091	2952	12.0	3.5	1153.1	136.2	-17.2	212.7	-3.1
13	157.00	27.2	10.1	2091	2952	13.0	3.4	1128.1	125.9	-15.6	199.0	-2.8
14	169.00	29.4	9.9	2091	2952	14.0	3.3	1100.9	115.9	-14.2	185.7	-2.5
15	181.00	31.5	9.7	2091	2952	15.1	3.3	1071.5	106.0	-12.8	172.6	-2.3
16	193.00	33.7	9.5	2091	2952	16.1	3.2	1040.0	96.3	-11.6	160.0	-2.1
17	205.00	35.0	8.8	2091	2952	16.7	3.0	1006.3	86.8	-10.5	147.7	-1.9
18	217.00	35.9	7.9	2091	2952	17.2	2.7	971.3	78.0	-9.5	135.8	-1.7
19	229.00	36.8	7.1	2091	2952	17.6	2.4	935.4	70.1	-8.6	124.4	-1.5
20	241.00	37.7	6.2	2091	2952	18.0	2.1	898.6	63.0	-7.8	113.4	-1.4
21	253.00	38.5	5.4	2091	2952	18.4	1.8	861.0	56.8	-7.1	102.8	-1.3
22	265.00	39.4	4.5	2091	2952	18.9	1.5	822.4	51.4	-6.5	92.7	-1.3
23	277.00	40.3	3.6	2091	2952	19.3	1.2	783.0	46.9	-5.9	83.1	-1.2
24	289.00	41.2	2.8	2091	2952	19.7	.9	742.7	43.3	-5.3	73.9	-1.2
25	301.00	41.5	2.2	2091	2952	19.9	.8	701.5	40.5	-4.8	65.3	-1.2
26	313.00	42.4	2.0	2091	2952	20.3	.7	660.0	38.3	-4.4	57.1	-1.2
27	325.00	43.3	1.7	2091	2952	20.7	.6	617.6	36.3	-3.9	49.4	-1.3
28	337.00	44.2	1.5	2091	2952	21.2	.5	574.2	34.6	-3.5	42.3	-1.3
29	349.00	45.2	1.3	2091	2952	21.6	.4	530.0	33.1	-3.1	35.7	-1.3
30	361.00	46.1	1.0	2091	2952	22.0	.4	484.8	31.8	-2.7	29.6	-1.4
31	373.00	47.0	.8	2091	2952	22.5	.3	438.7	30.8	-2.3	24.0	-1.4
32	385.00	47.9	.6	2091	2952	22.9	.2	391.7	30.0	-2.0	19.0	-1.4
33	397.00	49.6	1.3	2091	2952	23.7	.5	343.8	29.4	-1.6	14.6	-1.5
34	409.00	49.9	1.7	2091	2952	23.9	.6	294.1	28.0	-1.3	10.8	-1.5
35	421.00	49.7	2.7	2091	2952	23.8	.9	244.2	26.3	-.9	7.6	-1.4
36	433.00	47.8	4.7	2091	2952	22.9	1.6	194.5	23.6	-.6	4.9	-1.3
37	445.00	49.6	6.3	2265	3198	21.9	2.0	146.7	18.9	-.4	2.9	-1.0
MECH	458.00	97.1	12.5	4704	6641	20.7	1.9	97.1	12.5	-.2	1.3	-.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	20.4	7.0	2074	2505	9.8	2.8	1446.5	68.4	8.5	403.3	-4.8
LOB	12.00	22.8	7.8	2103	2534	10.9	3.1	1426.1	61.4	9.3	386.1	-5.0
3	24.00	27.7	8.6	2345	2811	11.8	3.1	1403.3	53.6	10.0	369.1	-5.3
MECH	37.00	58.7	16.5	4509	5370	13.0	3.1	1375.6	45.0	10.6	351.1	-5.9
5	61.00	19.0	7.2	2094	3007	9.1	2.4	1316.9	28.5	11.5	318.7	-7.5
6	73.00	18.4	6.8	2091	2952	8.8	2.3	1297.8	21.3	11.8	303.1	-7.3
7	85.00	18.9	7.4	2091	2952	9.0	2.5	1279.4	14.4	12.0	287.6	-7.0
8	97.00	19.4	8.0	2091	2952	9.3	2.7	1260.5	7.0	12.2	272.4	-6.6
9	109.00	20.4	7.9	2091	2952	9.8	2.7	1241.1	-1.0	12.2	257.3	-6.2
10	121.00	22.5	7.2	2091	2952	10.8	2.4	1220.7	-8.9	12.1	242.6	-5.7
11	133.00	24.7	6.4	2091	2952	11.8	2.2	1198.1	-16.1	12.0	228.1	-5.2
12	145.00	26.9	5.7	2091	2952	12.9	1.9	1173.4	-22.6	11.8	213.8	-4.8
13	157.00	29.0	4.9	2091	2952	13.9	1.7	1146.5	-28.2	11.5	199.9	-4.4
14	169.00	31.2	4.1	2091	2952	14.9	1.4	1117.5	-33.1	11.1	186.3	-4.0
15	181.00	33.4	3.3	2091	2952	16.0	1.1	1086.3	-37.2	10.7	173.1	-3.7
16	193.00	35.6	2.6	2091	2952	17.0	.9	1052.9	-40.5	10.2	160.3	-3.4
17	205.00	36.5	2.0	2091	2952	17.5	.7	1017.3	-43.1	9.7	147.8	-3.1
18	217.00	37.3	1.8	2091	2952	17.8	.6	980.8	-45.1	9.2	135.9	-2.8
19	229.00	38.0	1.5	2091	2952	18.2	.5	943.5	-46.9	8.6	124.3	-2.5
20	241.00	38.8	1.2	2091	2952	18.6	.4	905.5	-48.4	8.0	113.2	-2.3
21	253.00	39.6	1.0	2091	2952	18.9	.3	866.7	-49.7	7.5	102.6	-2.1
22	265.00	40.3	.7	2091	2952	19.3	.2	827.1	-50.6	6.8	92.4	-1.9
23	277.00	41.1	.5	2091	2952	19.7	.2	786.8	-51.4	6.2	82.7	-1.7
24	289.00	41.9	.2	2091	2952	20.0	.1	745.7	-51.8	5.6	73.5	-1.5
25	301.00	42.1	-.6	2091	2952	20.1	-.2	703.8	-52.0	5.0	64.8	-1.4
26	313.00	43.1	-1.4	2091	2952	20.6	-.5	661.7	-51.4	4.4	56.7	-1.3
27	325.00	44.0	-2.2	2091	2952	21.1	-.8	618.6	-49.9	3.8	49.0	-1.2
28	337.00	45.0	-3.0	2091	2952	21.5	-1.0	574.6	-47.7	3.2	41.8	-1.1
29	349.00	46.0	-3.8	2091	2952	22.0	-1.3	529.6	-44.7	2.6	35.2	-1.0
30	361.00	47.0	-4.6	2091	2952	22.5	-1.6	483.5	-40.9	2.1	29.1	-.9
31	373.00	48.0	-5.4	2091	2952	22.9	-1.8	436.6	-36.3	1.7	23.6	-.8
32	385.00	48.9	-6.2	2091	2952	23.4	-2.1	388.6	-30.9	1.2	18.6	-.8
33	397.00	50.5	-5.4	2091	2952	24.2	-1.8	339.7	-24.7	.9	14.3	-.7
34	409.00	50.3	-4.8	2091	2952	24.1	-1.6	289.1	-19.3	.7	10.5	-.6
35	421.00	49.5	-3.7	2091	2952	23.7	-1.3	238.8	-14.5	.4	7.3	-.5
36	433.00	47.7	-2.3	2091	2952	22.8	-.8	189.3	-10.8	.3	4.8	-.3
37	445.00	49.0	-2.2	2265	3198	21.7	-.7	141.7	-8.5	.2	2.8	-.2
MECH	458.00	92.6	-6.3	4704	6641	19.7	-.9	92.6	-6.3	.1	1.3	.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	22.6	4.9	2074	2505	10.9	2.0	1655.8	32.8	17.4	458.7	-10.0
LOB	12.00	25.3	6.0	2103	2534	12.0	2.4	1633.2	27.9	17.7	439.0	-10.2
3	24.00	30.9	7.3	2345	2811	13.2	2.6	1607.9	21.9	18.0	419.5	-10.7
MECH	37.00	65.8	15.8	4509	5370	14.6	3.0	1577.0	14.5	18.3	398.8	-11.3
5	61.00	23.0	7.4	2094	3007	11.0	2.5	1511.2	-1.3	18.4	361.7	-13.0
6	73.00	21.8	7.7	2091	2952	10.4	2.6	1488.2	-8.7	18.4	343.7	-12.8
7	85.00	21.8	8.5	2091	2952	10.4	2.9	1466.5	-16.4	18.2	326.0	-12.5
8	97.00	21.9	9.2	2091	2952	10.5	3.1	1444.6	-24.9	18.0	308.6	-12.1
9	109.00	22.8	9.1	2091	2952	10.9	3.1	1422.8	-34.2	17.6	291.3	-11.6
10	121.00	25.2	8.1	2091	2952	12.1	2.7	1400.0	-43.3	17.1	274.4	-11.1
11	133.00	27.7	6.9	2091	2952	13.3	2.4	1374.8	-51.4	16.6	257.8	-10.5
12	145.00	30.3	5.8	2091	2952	14.5	2.0	1347.0	-58.3	15.9	241.4	-10.0
13	157.00	32.8	4.7	2091	2952	15.7	1.6	1316.8	-64.1	15.2	225.4	-9.6
14	169.00	35.3	3.5	2091	2952	16.9	1.2	1284.0	-68.8	14.4	209.8	-9.1
15	181.00	37.8	2.4	2091	2952	18.1	.8	1248.7	-72.3	13.5	194.6	-8.7
16	193.00	40.3	1.2	2091	2952	19.3	.4	1210.9	-74.7	12.7	179.9	-8.3
17	205.00	41.7	.3	2091	2952	20.0	.1	1170.6	-75.9	11.7	165.6	-7.9
18	217.00	43.2	-.5	2091	2952	20.6	-.2	1128.9	-76.2	10.8	151.8	-7.5
19	229.00	44.6	-1.2	2091	2952	21.3	-.4	1085.7	-75.7	9.9	138.5	-7.2
20	241.00	46.1	-2.0	2091	2952	22.0	-.7	1041.1	-74.5	9.0	125.8	-6.8
21	253.00	47.5	-2.7	2091	2952	22.7	-.9	995.0	-72.5	8.1	113.5	-6.5
22	265.00	49.0	-3.5	2091	2952	23.4	-1.2	947.3	-69.8	7.3	101.9	-6.2
23	277.00	50.4	-4.2	2091	2952	24.1	-1.4	898.5	-66.4	6.5	90.8	-5.9
24	289.00	51.9	-5.0	2091	2952	24.8	-1.7	848.1	-62.2	5.7	80.3	-5.5
25	301.00	52.4	-5.1	2091	2952	25.1	-1.7	796.3	-57.2	5.0	70.5	-5.3
26	313.00	53.1	-4.8	2091	2952	25.4	-1.6	743.8	-52.1	4.3	61.2	-5.0
27	325.00	53.7	-4.6	2091	2952	25.7	-1.5	690.8	-47.3	3.7	52.6	-4.7
28	337.00	54.3	-4.3	2091	2952	26.0	-1.5	637.1	-42.7	3.2	44.6	-4.3
29	349.00	54.9	-4.0	2091	2952	26.3	-1.4	582.8	-38.4	2.7	37.3	-4.0
30	361.00	55.6	-3.7	2091	2952	26.6	-1.3	527.8	-34.4	2.3	30.7	-3.6
31	373.00	56.2	-3.5	2091	2952	26.9	-1.2	472.2	-30.6	1.9	24.7	-3.3
32	385.00	56.8	-3.2	2091	2952	27.2	-1.1	416.0	-27.2	1.5	19.3	-2.8
33	397.00	58.0	-3.1	2091	2952	27.7	-1.0	359.2	-24.0	1.2	14.7	-2.4
34	409.00	55.9	-2.9	2091	2952	26.7	-1.0	301.2	-20.9	1.0	10.7	-2.0
35	421.00	52.7	-2.1	2091	2952	25.2	-.7	245.3	-17.9	.7	7.4	-1.6
36	433.00	49.5	-1.5	2091	2952	23.7	-.5	192.6	-15.9	.5	4.8	-1.1
37	445.00	49.8	-2.2	2265	3198	22.0	-.7	143.2	-14.4	.3	2.8	-.7
MECH	458.00	93.3	-12.1	4704	6641	19.8	-1.8	93.3	-12.1	.2	1.3	-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	22.2	7.7	2074	2505	10.7	3.1	1688.3	210.3	-44.9	465.5	-16.3
LOB	12.00	25.3	8.2	2103	2534	12.0	3.2	1666.2	202.6	-42.5	445.3	-16.6
3	24.00	31.3	9.3	2345	2811	13.3	3.3	1640.9	194.4	-40.1	425.5	-17.1
MECH	37.00	67.7	18.8	4509	5370	15.0	3.5	1609.6	185.1	-37.6	404.4	-17.8
5	61.00	23.2	4.9	2094	3007	11.1	1.6	1541.8	166.2	-33.4	366.5	-19.6
6	73.00	22.1	4.3	2091	2952	10.6	1.4	1518.6	161.3	-31.4	348.2	-19.5
7	85.00	22.6	4.0	2091	2952	10.8	1.4	1496.5	157.1	-29.5	330.1	-19.3
8	97.00	23.0	3.8	2091	2952	11.0	1.3	1474.0	153.1	-27.7	312.3	-19.0
9	109.00	24.3	4.1	2091	2952	11.6	1.4	1450.9	149.3	-25.8	294.7	-18.6
10	121.00	26.7	4.1	2091	2952	12.8	1.4	1426.7	145.2	-24.1	277.4	-18.2
11	133.00	29.2	4.0	2091	2952	13.9	1.3	1400.0	141.1	-22.4	260.5	-17.7
12	145.00	31.6	3.9	2091	2952	15.1	1.3	1370.8	137.1	-20.7	243.9	-17.3
13	157.00	34.1	3.8	2091	2952	16.3	1.3	1339.2	133.2	-19.1	227.6	-16.8
14	169.00	36.6	3.7	2091	2952	17.5	1.2	1305.1	129.4	-17.5	211.7	-16.3
15	181.00	39.1	3.6	2091	2952	18.7	1.2	1268.4	125.8	-16.0	196.3	-15.8
16	193.00	41.6	3.5	2091	2952	19.9	1.2	1229.3	122.2	-14.5	181.3	-15.3
17	205.00	43.1	3.8	2091	2952	20.6	1.3	1187.7	118.7	-13.0	166.8	-14.7
18	217.00	44.5	4.4	2091	2952	21.3	1.5	1144.7	114.9	-11.6	152.8	-14.2
19	229.00	46.0	5.0	2091	2952	22.0	1.7	1100.1	110.5	-10.3	139.3	-13.6
20	241.00	47.5	5.7	2091	2952	22.7	1.9	1054.2	105.4	-9.0	126.4	-13.0
21	253.00	48.9	6.3	2091	2952	23.4	2.1	1006.7	99.8	-7.8	114.1	-12.4
22	265.00	50.4	6.9	2091	2952	24.1	2.3	957.8	93.5	-6.6	102.3	-11.7
23	277.00	51.9	7.5	2091	2952	24.8	2.5	907.4	86.6	-5.5	91.1	-11.0
24	289.00	53.3	8.1	2091	2952	25.5	2.7	855.5	79.1	-4.5	80.5	-10.4
25	301.00	54.6	8.2	2091	2952	25.8	2.8	802.2	71.0	-3.6	70.5	-9.6
26	313.00	54.4	8.0	2091	2952	26.0	2.7	748.3	62.8	-2.8	61.2	-8.9
27	325.00	54.8	7.8	2091	2952	26.2	2.6	693.9	54.8	-2.1	52.6	-8.2
28	337.00	55.3	7.6	2091	2952	26.4	2.6	639.0	47.0	-1.5	44.6	-7.5
29	349.00	55.7	7.5	2091	2952	26.6	2.5	583.8	39.4	-1.0	37.3	-6.8
30	361.00	56.1	7.3	2091	2952	26.8	2.5	528.1	31.9	-.5	30.6	-6.0
31	373.00	56.6	7.1	2091	2952	27.1	2.4	471.9	24.6	-.2	24.6	-5.3
32	385.00	57.0	7.0	2091	2952	27.3	2.4	415.4	17.5	.0	19.3	-4.6
33	397.00	57.7	5.7	2091	2952	27.6	1.9	358.4	10.5	.2	14.6	-3.9
34	409.00	55.8	4.7	2091	2952	26.7	1.6	300.7	4.8	.3	10.7	-3.2
35	421.00	52.9	4.3	2091	2952	25.3	1.5	244.8	.1	.3	7.4	-2.5
36	433.00	49.7	3.5	2091	2952	23.8	1.2	192.0	-4.3	.3	4.8	-1.8
37	445.00	50.1	1.4	2265	3198	22.1	.4	142.3	-7.8	.2	2.8	-1.1
MECH	458.00	92.2	-9.2	4704	6641	19.6	-1.4	92.2	-9.2	.1	1.2	-.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	21.9	5.5	2074	2505	10.5	2.2	1646.1	61.9	-17.3	466.1	-7.6
LOB	12.00	25.2	5.1	2103	2534	12.0	2.0	1624.3	56.5	-16.5	446.5	-8.0
3	24.00	31.4	5.0	2345	2811	13.4	1.8	1599.1	51.3	-15.9	427.2	-8.0
MECH	37.00	69.0	8.5	4509	5370	15.3	1.6	1567.6	46.3	-15.3	406.6	-9.6
5	61.00	22.6	-2.1	2094	3007	10.8	-.7	1498.6	37.9	-14.3	369.8	-11.9
6	73.00	21.5	-2.8	2091	2952	10.3	-.9	1476.0	39.9	-13.8	352.0	-12.0
7	85.00	22.0	-3.2	2091	2952	10.5	-1.1	1454.5	42.7	-13.3	334.4	-11.8
8	97.00	22.6	-3.7	2091	2952	10.8	-1.2	1432.5	46.0	-12.8	317.0	-11.6
9	109.00	23.5	-3.2	2091	2952	11.3	-1.1	1409.9	49.6	-12.2	300.2	-11.4
10	121.00	25.3	-2.9	2091	2952	12.1	-1.0	1386.4	52.8	-11.6	283.2	-11.0
11	133.00	27.1	-2.6	2091	2952	13.0	-.9	1361.1	55.7	-10.9	266.7	-10.7
12	145.00	28.9	-2.3	2091	2952	13.8	-.8	1333.9	58.3	-10.2	250.6	-10.3
13	157.00	30.8	-2.0	2091	2952	14.7	-.7	1305.0	60.5	-9.5	234.7	-9.9
14	169.00	32.6	-1.7	2091	2952	15.6	-.6	1274.2	62.5	-8.8	219.3	-9.5
15	181.00	34.4	-1.4	2091	2952	16.5	-.5	1241.6	64.2	-8.0	204.3	-9.1
16	193.00	36.2	-1.1	2091	2952	17.3	-.4	1207.2	65.5	-7.2	189.5	-8.7
17	205.00	37.5	-.3	2091	2952	18.0	-.1	1171.0	66.6	-6.5	175.2	-7.7
18	217.00	38.8	.8	2091	2952	18.5	.3	1133.5	66.9	-5.7	161.4	-7.3
19	229.00	40.0	1.9	2091	2952	19.1	.6	1094.7	66.1	-4.9	148.0	-6.8
20	241.00	41.2	2.9	2091	2952	19.7	1.0	1054.7	64.2	-4.1	135.1	-6.3
21	253.00	42.5	4.0	2091	2952	20.3	1.4	1013.5	61.3	-3.3	122.8	-5.9
22	265.00	43.7	5.1	2091	2952	20.9	1.7	971.0	57.3	-2.6	110.8	-5.5
23	277.00	44.9	6.1	2091	2952	21.5	2.1	927.3	52.2	-2.0	99.4	-5.0
24	289.00	46.2	7.2	2091	2952	22.1	2.4	882.4	46.1	-1.4	88.5	-4.6
25	301.00	46.9	7.1	2091	2952	22.4	2.4	836.2	38.9	-.9	78.5	-4.3
26	313.00	48.6	6.6	2091	2952	23.2	2.2	789.3	31.8	-.4	68.5	-3.9
27	325.00	50.3	6.1	2091	2952	24.1	2.1	740.7	25.2	-.1	59.3	-3.6
28	337.00	52.1	5.6	2091	2952	24.9	1.9	690.4	19.1	.2	50.3	-3.3
29	349.00	53.8	5.0	2091	2952	25.8	1.7	638.3	13.5	.4	42.4	-3.2
30	361.00	55.6	4.5	2091	2952	26.6	1.5	584.4	8.5	.5	35.3	-2.8
31	373.00	57.3	4.0	2091	2952	27.4	1.4	528.8	4.0	.6	28.7	-2.6
32	385.00	59.1	3.5	2091	2952	28.3	1.2	471.5	.0	.6	22.7	-2.2
33	397.00	60.5	2.8	2091	2952	28.9	.9	412.4	-3.5	.6	17.7	-1.9
34	409.00	60.4	1.8	2091	2952	28.9	.6	351.9	-6.2	.5	12.8	-1.7
35	421.00	59.7	1.1	2091	2952	28.6	.4	291.5	-8.0	.4	9.5	-1.4
36	433.00	58.1	.5	2091	2952	27.8	.2	231.8	-9.1	.3	5.3	-1.1
37	445.00	60.5	-1.3	2265	3198	26.7	-.4	173.7	-9.6	.2	1.5	-.8
MECH	458.00	113.3	-8.3	4704	6641	24.1	-1.2	113.3	-8.3	.1		-.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	17.1	7.6	2074	2505	8.2	3.0	1239.7	-98.3	25.2	370.1	-1.8
LOB	12.00	19.5	6.3	2103	2534	9.3	2.5	1222.6	-105.9	24.0	355.3	-2.0
3	24.00	23.8	5.6	2345	2811	10.1	2.0	1203.1	-112.2	22.7	340.8	-2.4
MECH	37.00	50.7	7.4	4509	5370	11.3	1.4	1179.3	-117.8	21.2	325.3	-3.1
5	61.00	15.1	-5.1	2094	3007	7.2	-1.7	1128.6	-125.2	18.2	297.6	-4.8
6	73.00	14.0	-6.5	2091	2952	6.7	-2.2	1113.5	-120.1	16.8	284.1	-5.0
7	85.00	14.2	-7.1	2091	2952	6.8	-2.4	1099.6	-113.6	15.4	270.9	-5.1
8	97.00	14.4	-7.6	2091	2952	6.9	-2.6	1085.4	-106.5	14.0	257.8	-5.1
9	109.00	14.9	-7.5	2091	2952	7.1	-2.5	1071.0	-98.9	12.8	244.8	-5.1
10	121.00	15.8	-7.2	2091	2952	7.6	-2.4	1056.0	-91.4	11.7	232.1	-5.1
11	133.00	16.7	-6.9	2091	2952	8.0	-2.3	1040.2	-84.2	10.6	219.5	-5.1
12	145.00	17.6	-6.6	2091	2952	8.4	-2.2	1023.5	-77.3	9.7	207.1	-5.0
13	157.00	18.5	-6.3	2091	2952	8.9	-2.1	1005.9	-70.6	8.8	194.9	-4.9
14	169.00	19.4	-6.0	2091	2952	9.3	-2.0	987.3	-64.3	8.0	183.0	-4.8
15	181.00	20.3	-5.7	2091	2952	9.7	-1.9	967.9	-58.3	7.2	171.2	-4.6
16	193.00	21.2	-5.5	2091	2952	10.1	-1.8	947.6	-52.5	6.6	159.7	-4.5
17	205.00	22.4	-4.9	2091	2952	10.7	-1.7	926.4	-47.1	6.0	148.5	-4.3
18	217.00	23.9	-4.4	2091	2952	11.4	-1.5	904.1	-42.1	5.4	137.5	-4.0
19	229.00	25.4	-3.9	2091	2952	12.2	-1.3	880.2	-37.7	4.9	126.8	-3.8
20	241.00	27.0	-3.3	2091	2952	12.9	-1.1	854.8	-33.9	4.5	116.4	-3.6
21	253.00	28.5	-2.8	2091	2952	13.6	-.9	827.8	-30.5	4.1	106.3	-3.3
22	265.00	30.0	-2.2	2091	2952	14.4	-.8	799.3	-27.8	3.8	96.5	-3.1
23	277.00	31.6	-1.7	2091	2952	15.1	-.6	769.3	-25.5	3.5	87.1	-2.8
24	289.00	33.1	-1.1	2091	2952	15.8	-.4	737.7	-23.9	3.2	78.1	-2.5
25	301.00	34.1	-1.1	2091	2952	16.3	-.4	704.6	-22.7	2.9	69.4	-2.2
26	313.00	36.0	-1.0	2091	2952	17.2	-.3	670.5	-21.6	2.6	61.2	-1.9
27	325.00	38.0	-.9	2091	2952	18.2	-.3	634.4	-20.7	2.4	53.3	-1.6
28	337.00	40.0	-.8	2091	2952	19.1	-.3	596.4	-19.8	2.1	46.0	-1.3
29	349.00	41.9	-.7	2091	2952	20.0	-.2	556.5	-19.0	1.9	39.0	-1.0
30	361.00	43.9	-.6	2091	2952	21.0	-.2	514.6	-18.3	1.7	32.6	-.7
31	373.00	45.8	-.5	2091	2952	21.9	-.2	470.7	-17.7	1.4	26.7	-.4
32	385.00	47.8	-.4	2091	2952	22.8	-.1	424.9	-17.3	1.2	21.3	-.1
33	397.00	49.7	.1	2091	2952	23.8	.0	377.2	-16.9	1.0	16.3	.2
34	409.00	51.5	-.4	2091	2952	24.6	-.1	327.5	-17.0	.8	12.3	.5
35	421.00	53.0	-1.3	2091	2952	25.4	-.5	276.0	-16.6	.6	8.7	.8
36	433.00	53.7	-2.1	2091	2952	25.7	-.7	223.0	-15.2	.4	5.7	1.0
37	445.00	58.1	-4.0	2265	3198	25.7	-1.3	169.3	-13.1	.3	3.3	1.0
MECH	458.00	111.2	-9.0	4704	6641	23.6	-1.4	111.2	-9.0	.1	1.5	.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	14.1	7.6	2074	2505	6.8	3.0	1130.9	-273.2	86.8	339.2	1.7
LOB	12.00	15.9	6.5	2103	2534	7.6	2.5	1116.8	-280.8	83.5	325.4	1.6
3	24.00	19.0	5.7	2345	2811	8.1	2.0	1100.9	-287.2	80.1	312.4	1.4
MECH	37.00	39.6	7.4	4509	5370	8.8	1.4	1082.0	-292.9	76.3	298.2	.9
5	61.00	10.8	-3.5	2094	3007	5.1	-1.2	1042.4	-300.3	69.2	272.7	-.5
6	73.00	10.1	-5.7	2091	2952	4.8	-1.9	1031.6	-296.8	65.6	260.3	-.6
7	85.00	10.3	-6.9	2091	2952	4.9	-2.3	1021.5	-291.1	62.1	247.9	-.7
8	97.00	10.4	-8.1	2091	2952	5.0	-2.7	1011.3	-284.2	58.6	235.7	-.8
9	109.00	11.2	-8.3	2091	2952	5.4	-2.8	1000.8	-276.1	55.2	223.7	-.9
10	121.00	12.7	-8.4	2091	2952	6.1	-2.8	989.6	-267.7	52.0	211.9	-1.0
11	133.00	14.2	-8.5	2091	2952	6.8	-2.9	976.9	-259.3	48.8	199.3	-1.0
12	145.00	15.7	-8.6	2091	2952	7.5	-2.9	962.7	-250.8	45.8	188.3	-1.0
13	157.00	17.2	-8.7	2091	2952	8.2	-2.9	947.0	-242.3	42.8	176.8	-1.0
14	169.00	18.7	-8.8	2091	2952	8.9	-3.0	929.8	-233.6	39.9	165.6	-.9
15	181.00	20.2	-8.8	2091	2952	9.6	-3.0	911.2	-224.8	37.2	154.7	-.8
16	193.00	21.6	-8.9	2091	2952	10.4	-3.0	891.0	-216.0	34.6	143.7	-.7
17	205.00	23.1	-8.7	2091	2952	11.0	-2.9	869.4	-207.1	32.0	133.1	-.5
18	217.00	24.8	-8.4	2091	2952	11.8	-2.9	846.3	-198.4	29.6	122.9	-.3
19	229.00	26.4	-8.2	2091	2952	12.7	-2.8	821.5	-190.0	27.3	112.8	-.1
20	241.00	28.1	-7.9	2091	2952	13.5	-2.7	795.1	-181.8	25.0	103.1	.1
21	253.00	29.8	-7.6	2091	2952	14.3	-2.6	767.0	-173.9	22.9	93.8	.2
22	265.00	31.5	-7.4	2091	2952	15.1	-2.5	737.1	-166.3	20.8	84.7	.4
23	277.00	33.2	-7.1	2091	2952	15.9	-2.4	705.6	-158.9	18.9	76.1	.7
24	289.00	34.9	-6.9	2091	2952	16.7	-2.3	672.4	-151.8	17.0	67.8	.9
25	301.00	35.9	-7.1	2091	2952	17.2	-2.4	637.6	-144.9	15.2	60.0	1.1
26	313.00	37.1	-7.2	2091	2952	17.7	-2.4	601.7	-137.8	13.6	52.5	1.3
27	325.00	38.3	-7.3	2091	2952	18.3	-2.5	564.6	-130.6	11.9	45.5	1.5
28	337.00	39.6	-7.4	2091	2952	18.9	-2.5	526.3	-123.3	10.4	39.0	1.6
29	349.00	40.8	-7.5	2091	2952	19.5	-2.6	486.7	-115.8	9.0	32.9	1.8
30	361.00	42.1	-7.6	2091	2952	20.1	-2.6	445.9	-108.3	7.6	27.3	1.9
31	373.00	43.3	-7.8	2091	2952	20.7	-2.6	403.8	-100.7	6.4	22.2	2.0
32	385.00	44.5	-7.9	2091	2952	21.3	-2.7	360.5	-92.9	5.2	17.6	2.1
33	397.00	45.0	-8.1	2091	2952	21.5	-2.7	316.0	-85.0	4.2	13.6	2.2
34	409.00	44.8	-9.0	2091	2952	21.4	-3.1	271.0	-77.0	3.2	10.0	2.2
35	421.00	44.6	-10.1	2091	2952	21.3	-3.4	226.2	-68.0	2.3	7.1	2.2
36	433.00	44.1	-11.6	2091	2952	21.1	-3.9	181.7	-57.8	1.6	4.6	2.1
37	445.00	47.3	-14.6	2265	3198	20.9	-4.6	137.6	-46.3	.9	2.7	1.8
MECH	458.00	90.3	-31.7	4704	6641	19.2	-4.8	90.3	-31.7	.4	1.2	1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	10.8	5.7	2074	2505	5.2	2.3	816.6	-341.3	109.5	252.5	-.0
LOB	12.00	11.7	5.2	2103	2534	5.6	2.1	805.8	-347.0	105.3	242.7	-.0
3	24.00	13.4	4.9	2345	2811	5.7	1.7	794.1	-352.2	101.1	233.1	-.0
MECH	37.00	26.7	7.1	4509	5370	5.9	1.3	780.7	-357.1	96.5	222.9	-.3
5	61.00	5.6	-2.7	2094	3007	2.7	-.9	754.0	-364.2	87.9	204.5	-1.4
6	73.00	4.7	-4.8	2091	2952	2.3	-1.6	748.5	-361.5	83.5	195.5	-1.5
7	85.00	4.5	-5.6	2091	2952	2.2	-1.9	743.7	-356.7	79.2	186.5	-1.6
8	97.00	4.4	-6.3	2091	2952	2.1	-2.1	739.2	-351.2	74.9	177.6	-1.7
9	109.00	4.9	-6.8	2091	2952	2.3	-2.3	734.8	-344.8	70.8	168.8	-1.9
10	121.00	6.1	-7.5	2091	2952	2.9	-2.5	730.0	-338.0	66.7	160.0	-1.9
11	133.00	7.4	-8.1	2091	2952	3.5	-2.8	723.9	-330.5	62.7	151.2	-2.0
12	145.00	8.6	-8.8	2091	2952	4.1	-3.0	716.5	-322.4	58.7	142.6	-2.1
13	157.00	9.9	-9.5	2091	2952	4.7	-3.2	707.9	-313.6	54.9	134.1	-2.1
14	169.00	11.1	-10.1	2091	2952	5.3	-3.4	698.0	-304.1	51.2	125.6	-2.1
15	181.00	12.4	-10.8	2091	2952	5.9	-3.7	686.8	-293.9	47.6	117.3	-2.1
16	193.00	13.7	-11.5	2091	2952	6.5	-3.9	674.4	-283.1	44.2	109.1	-2.1
17	205.00	15.0	-11.6	2091	2952	7.2	-3.9	660.8	-271.6	40.8	101.1	-2.1
18	217.00	16.9	-11.4	2091	2952	8.1	-3.9	645.7	-260.1	37.7	93.3	-2.1
19	229.00	18.7	-11.2	2091	2952	9.0	-3.8	628.8	-248.7	34.6	85.6	-2.0
20	241.00	20.6	-11.0	2091	2952	9.9	-3.7	610.1	-237.5	31.7	78.2	-1.9
21	253.00	22.5	-10.9	2091	2952	10.7	-3.7	589.5	-226.5	28.9	71.0	-1.7
22	265.00	24.3	-10.7	2091	2952	11.6	-3.6	567.0	-215.6	26.2	64.1	-1.5
23	277.00	26.2	-10.5	2091	2952	12.5	-3.6	542.7	-204.9	23.7	57.4	-1.3
24	289.00	28.0	-10.4	2091	2952	13.4	-3.5	516.6	-194.3	21.3	51.1	-1.1
25	301.00	29.1	-10.3	2091	2952	13.9	-3.5	488.6	-184.0	19.1	45.0	-.8
26	313.00	29.9	-10.2	2091	2952	14.3	-3.5	459.5	-173.6	16.9	39.3	-.5
27	325.00	30.6	-10.0	2091	2952	14.7	-3.4	429.6	-163.4	14.9	34.0	-.3
28	337.00	31.4	-9.9	2091	2952	15.0	-3.3	398.9	-153.4	13.0	29.0	.0
29	349.00	32.2	-9.7	2091	2952	15.4	-3.3	367.5	-143.6	11.2	24.4	.3
30	361.00	32.9	-9.5	2091	2952	15.8	-3.2	335.4	-133.9	9.5	20.2	.6
31	373.00	33.7	-9.3	2091	2952	16.1	-3.2	302.4	-124.4	8.0	16.4	.9
32	385.00	34.4	-9.2	2091	2952	16.5	-3.1	268.7	-115.0	6.6	13.0	1.2
33	397.00	34.6	-9.8	2091	2952	16.6	-3.3	234.3	-105.8	5.2	10.0	1.5
34	409.00	33.9	-11.0	2091	2952	16.2	-3.7	199.7	-96.0	4.0	7.3	1.8
35	421.00	33.1	-12.2	2091	2952	15.8	-4.1	165.8	-85.0	2.9	5.2	1.9
36	433.00	32.5	-14.0	2091	2952	15.5	-4.8	132.7	-72.7	2.0	3.4	1.9
37	445.00	34.6	-17.6	2265	3198	15.3	-5.5	100.2	-58.7	1.2	2.0	1.7
MECH	458.00	65.7	-41.1	4704	6641	14.0	-6.2	65.7	-41.1	.6	.9	1.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	9.3	4.1	2074	2505	4.5	1.6	415.7	-428.6	146.1	125.1	2.2
LOB	12.00	9.7	3.7	2103	2534	4.6	1.4	406.4	-432.7	140.9	120.1	2.4
3	24.00	10.4	3.3	2345	2811	4.5	1.2	396.8	-436.3	135.7	115.3	2.5
MECH	37.00	19.1	4.2	4509	5370	4.2	.8	386.3	-439.6	130.0	110.2	2.5
5	61.00	3.8	-2.1	2094	3007	1.8	-.7	367.3	-443.8	119.4	101.2	2.3
6	73.00	3.4	-3.9	2091	2952	1.6	-1.3	363.5	-441.8	114.1	96.8	2.4
7	85.00	3.2	-4.1	2091	2952	1.5	-1.4	360.1	-437.9	108.8	92.5	2.5
8	97.00	3.0	-4.4	2091	2952	1.4	-1.5	356.9	-433.7	103.6	88.2	2.6
9	109.00	3.0	-5.0	2091	2952	1.4	-1.7	354.0	-429.3	98.4	83.9	2.6
10	121.00	3.4	-5.8	2091	2952	1.6	-2.0	351.0	-424.3	93.3	79.7	2.7
11	133.00	3.8	-6.7	2091	2952	1.8	-2.3	347.5	-418.5	88.2	75.5	2.7
12	145.00	4.2	-7.5	2091	2952	2.0	-2.5	343.7	-411.9	83.2	71.3	2.7
13	157.00	4.7	-8.4	2091	2952	2.2	-2.8	339.5	-404.3	78.3	67.2	2.7
14	169.00	5.1	-9.2	2091	2952	2.4	-3.1	334.8	-395.9	73.5	63.2	2.7
15	181.00	5.5	-10.1	2091	2952	2.6	-3.4	329.7	-386.7	68.8	59.2	2.7
16	193.00	5.9	-10.9	2091	2952	2.8	-3.7	324.3	-376.6	64.3	55.3	2.7
17	205.00	6.3	-11.4	2091	2952	3.0	-3.9	318.4	-365.7	59.8	51.4	2.6
18	217.00	7.1	-11.5	2091	2952	3.4	-3.9	312.1	-354.3	55.5	47.6	2.6
19	229.00	7.9	-11.6	2091	2952	3.8	-3.9	305.0	-342.8	51.3	43.9	2.5
20	241.00	8.7	-11.7	2091	2952	4.1	-4.0	297.1	-331.2	47.3	40.3	2.5
21	253.00	9.4	-11.9	2091	2952	4.5	-4.0	288.4	-319.5	43.4	36.8	2.5
22	265.00	10.2	-12.0	2091	2952	4.9	-4.1	279.0	-307.7	39.6	33.4	2.5
23	277.00	11.0	-12.1	2091	2952	5.3	-4.1	268.8	-295.7	36.0	30.1	2.4
24	289.00	11.8	-12.2	2091	2952	5.6	-4.1	257.8	-283.6	32.5	27.0	2.4
25	301.00	12.3	-12.5	2091	2952	5.9	-4.2	246.0	-271.4	29.2	23.9	2.4
26	313.00	13.0	-12.7	2091	2952	6.2	-4.3	233.7	-258.9	26.0	21.1	2.4
27	325.00	13.7	-12.9	2091	2952	6.6	-4.4	220.7	-246.2	23.0	18.3	2.4
28	337.00	14.4	-13.1	2091	2952	6.9	-4.4	207.0	-233.3	20.1	15.8	2.4
29	349.00	15.1	-13.3	2091	2952	7.2	-4.5	192.6	-220.1	17.4	13.4	2.4
30	361.00	15.8	-13.5	2091	2952	7.6	-4.6	177.5	-206.8	14.8	11.1	2.5
31	373.00	16.5	-13.7	2091	2952	7.9	-4.7	161.7	-193.3	12.4	9.1	2.5
32	385.00	17.2	-14.0	2091	2952	8.2	-4.7	145.2	-179.5	10.2	7.3	2.5
33	397.00	17.3	-15.2	2091	2952	8.3	-5.2	127.9	-165.6	8.1	5.6	2.5
34	409.00	17.5	-17.5	2091	2952	8.4	-5.9	110.6	-150.4	6.2	4.2	2.5
35	421.00	17.4	-20.5	2091	2952	8.3	-6.9	93.1	-132.9	4.5	3.0	2.5
36	433.00	17.3	-23.1	2091	2952	8.3	-7.8	75.7	-112.4	3.0	2.0	2.2
37	445.00	19.2	-27.5	2265	3198	8.5	-8.6	58.4	-89.3	1.8	1.2	1.9
MECH	458.00	39.2	-61.8	4704	6641	8.3	-9.3	39.2	-61.8	.8	.5	1.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	8.7	-1.4	2074	2505	4.2	-.6	288.7	-607.6	191.8	69.9	9.3
LOB	12.00	9.3	-1.5	2103	2534	4.4	-.6	280.1	-606.2	184.5	66.5	9.1
3	24.00	10.7	-2.1	2345	2811	4.6	-.7	270.7	-604.6	177.2	63.2	8.9
MECH	37.00	21.0	-5.1	4509	5370	4.7	-1.0	260.0	-602.5	169.4	59.8	8.7
5	61.00	6.2	-6.8	2094	3007	3.0	-2.2	239.0	-597.4	155.0	53.8	8.2
6	73.00	6.1	-9.1	2091	2952	2.9	-3.1	232.8	-590.7	147.8	51.0	8.3
7	85.00	6.8	-10.2	2091	2952	3.2	-3.5	226.7	-581.6	140.8	48.2	8.3
8	97.00	7.4	-11.4	2091	2952	3.5	-3.9	219.9	-571.3	133.9	45.5	8.3
9	109.00	7.4	-11.8	2091	2952	3.5	-4.0	212.6	-559.9	127.1	42.9	8.4
10	121.00	7.0	-11.9	2091	2952	3.4	-4.0	205.2	-548.1	120.5	40.4	8.4
11	133.00	6.7	-12.0	2091	2952	3.2	-4.1	198.1	-536.2	114.0	38.0	8.4
12	145.00	6.3	-12.1	2091	2952	3.0	-4.1	191.4	-524.1	107.6	35.7	8.4
13	157.00	6.0	-12.2	2091	2952	2.9	-4.1	185.1	-512.0	101.4	33.4	8.4
14	169.00	5.7	-12.3	2091	2952	2.7	-4.2	179.1	-499.8	95.3	31.2	8.4
15	181.00	5.3	-12.4	2091	2952	2.5	-4.2	173.4	-487.5	89.4	29.1	8.3
16	193.00	5.0	-12.5	2091	2952	2.4	-4.2	168.1	-475.1	83.6	27.1	8.2
17	205.00	4.9	-12.7	2091	2952	2.3	-4.3	163.2	-462.6	78.0	25.1	8.1
18	217.00	5.0	-12.8	2091	2952	2.4	-4.4	158.3	-449.9	72.5	23.1	8.0
19	229.00	5.2	-13.0	2091	2952	2.5	-4.4	153.3	-437.1	67.2	21.3	7.9
20	241.00	5.4	-13.1	2091	2952	2.6	-4.5	148.0	-424.1	62.0	19.5	7.8
21	253.00	5.6	-13.3	2091	2952	2.7	-4.5	142.6	-411.0	57.0	17.7	7.6
22	265.00	5.8	-13.4	2091	2952	2.8	-4.6	137.0	-397.7	52.2	16.0	7.5
23	277.00	6.0	-13.6	2091	2952	2.9	-4.6	131.2	-384.2	47.5	14.4	7.3
24	289.00	6.2	-13.7	2091	2952	3.0	-4.7	125.2	-370.6	42.9	12.9	7.1
25	301.00	6.2	-14.5	2091	2952	3.0	-4.9	119.0	-356.9	38.6	11.4	7.0
26	313.00	6.6	-15.3	2091	2952	3.1	-5.2	112.7	-342.4	34.4	10.0	6.8
27	325.00	6.9	-16.1	2091	2952	3.3	-5.5	106.2	-327.1	30.4	8.7	6.6
28	337.00	7.3	-17.0	2091	2952	3.5	-5.7	99.2	-311.0	26.5	7.5	6.4
29	349.00	7.6	-17.8	2091	2952	3.7	-6.0	91.9	-294.0	22.9	6.3	6.1
30	361.00	8.0	-18.6	2091	2952	3.8	-6.3	84.3	-276.2	19.5	5.3	5.8
31	373.00	8.3	-19.5	2091	2952	4.0	-6.6	76.3	-257.6	16.3	4.3	5.6
32	385.00	8.7	-20.3	2091	2952	4.2	-6.9	68.0	-238.1	13.3	3.5	5.3
33	397.00	8.3	-21.8	2091	2952	3.9	-7.4	59.3	-217.8	10.6	2.7	4.9
34	409.00	7.6	-24.1	2091	2952	3.6	-8.2	51.0	-196.0	8.1	2.0	4.6
35	421.00	7.3	-26.5	2091	2952	3.5	-9.0	43.5	-171.9	5.9	1.5	4.1
36	433.00	7.3	-29.0	2091	2952	3.5	-9.8	36.1	-145.4	4.0	1.0	3.6
37	445.00	8.4	-34.6	2265	3198	3.7	-10.8	28.8	-116.5	2.4	.6	2.9
MECH	458.00	20.4	-81.9	4704	6641	4.3	-12.3	20.4	-81.9	1.1	.3	2.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	2.0	5.2	2074	2505	.9	2.1	-48.2	-353.0	123.8	-24.6	8.0
LOB	12.00	2.5	4.3	2103	2534	1.2	1.7	-50.2	-358.3	119.6	-24.0	8.2
3	24.00	2.8	3.6	2345	2811	1.2	1.3	-52.7	-362.6	115.2	-23.4	8.3
MECH	37.00	5.4	3.7	4509	5370	1.2	.7	-55.5	-366.2	110.5	-22.7	8.4
5	61.00	-.1	-1.3	2094	3007	-.1	-.4	-60.9	-369.9	101.7	-21.3	8.5
6	73.00	.3	-3.2	2091	2952	.2	-1.1	-60.8	-368.6	97.2	-20.5	8.6
7	85.00	.6	-3.8	2091	2952	.3	-1.3	-61.1	-365.4	92.8	-19.8	8.7
8	97.00	1.0	-4.4	2091	2952	.5	-1.5	-61.7	-361.6	88.5	-19.1	8.8
9	109.00	1.0	-4.8	2091	2952	.5	-1.6	-62.7	-357.3	84.1	-18.3	8.9
10	121.00	.8	-5.1	2091	2952	.4	-1.7	-63.7	-352.4	79.9	-17.6	9.0
11	133.00	.7	-5.4	2091	2952	.3	-1.8	-64.5	-347.3	75.7	-16.8	9.0
12	145.00	.5	-5.7	2091	2952	.2	-1.9	-65.1	-341.8	71.6	-16.0	9.1
13	157.00	.3	-6.0	2091	2952	.2	-2.0	-65.7	-336.1	67.5	-15.2	9.1
14	169.00	.2	-6.3	2091	2952	.1	-2.1	-66.0	-330.1	63.5	-14.4	9.1
15	181.00	.0	-6.6	2091	2952	.0	-2.2	-66.2	-323.8	59.6	-13.6	9.0
16	193.00	-.1	-6.9	2091	2952	-.1	-2.3	-66.2	-317.1	55.7	-12.8	9.0
17	205.00	-.3	-7.3	2091	2952	-.2	-2.5	-66.1	-310.2	52.0	-12.0	8.9
18	217.00	-.5	-7.6	2091	2952	-.3	-2.6	-65.7	-303.0	48.3	-11.3	8.8
19	229.00	-.7	-8.0	2091	2952	-.4	-2.7	-65.2	-295.4	44.7	-10.5	8.7
20	241.00	-.9	-8.3	2091	2952	-.5	-2.8	-64.5	-287.4	41.2	-9.7	8.6
21	253.00	-1.1	-8.7	2091	2952	-.5	-2.9	-63.5	-279.0	37.8	-8.9	8.5
22	265.00	-1.3	-9.1	2091	2952	-.6	-3.1	-62.4	-270.3	34.5	-8.2	8.3
23	277.00	-1.5	-9.4	2091	2952	-.7	-3.2	-61.0	-261.3	31.3	-7.4	8.2
24	289.00	-1.8	-9.8	2091	2952	-.8	-3.3	-59.5	-251.9	28.2	-6.7	8.0
25	301.00	-2.1	-10.4	2091	2952	-1.0	-3.5	-57.7	-242.1	25.3	-6.0	7.9
26	313.00	-2.3	-11.1	2091	2952	-1.1	-3.8	-55.6	-231.6	22.4	-5.3	7.7
27	325.00	-2.6	-11.7	2091	2952	-1.2	-4.0	-53.3	-220.6	19.7	-4.7	7.6
28	337.00	-2.8	-12.4	2091	2952	-1.4	-4.2	-50.7	-208.8	17.1	-4.0	7.5
29	349.00	-3.1	-13.1	2091	2952	-1.5	-4.4	-47.9	-196.4	14.7	-3.5	7.4
30	361.00	-3.3	-13.7	2091	2952	-1.6	-4.7	-44.8	-183.3	12.4	-2.9	7.2
31	373.00	-3.6	-14.4	2091	2952	-1.7	-4.9	-41.5	-169.6	10.3	-2.4	7.1
32	385.00	-3.8	-15.0	2091	2952	-1.8	-5.1	-37.9	-155.2	8.4	-1.9	6.9
33	397.00	-4.2	-15.6	2091	2952	-2.0	-5.3	-34.1	-140.2	6.6	-1.5	6.8
34	409.00	-4.9	-16.7	2091	2952	-2.3	-5.6	-30.0	-124.6	5.0	-1.1	6.6
35	421.00	-5.3	-17.8	2091	2952	-2.5	-6.0	-25.1	-107.9	3.6	-.8	6.4
36	433.00	-5.2	-19.0	2091	2952	-2.5	-6.4	-19.8	-90.2	2.4	-.5	6.2
37	445.00	-5.3	-21.9	2265	3198	-2.3	-6.9	-14.6	-71.2	1.4	-.3	6.0
MECH	458.00	-9.4	-49.3	4704	6641	-2.0	-7.4	-9.4	-49.3	.7	-.1	5.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	4.8	-12.3	2074	2505	2.3	-4.9	-769.2	-922.2	252.4	-226.9	10.0
LOB	12.00	.9	-9.2	2103	2534	.4	-3.6	-774.0	-909.9	241.4	-217.6	9.4
3	24.00	-1.1	-10.3	2345	2811	-.5	-3.7	-774.9	-900.7	230.5	-208.3	9.0
MECH	37.00	-7.4	-21.0	4509	5370	-1.6	-3.9	-773.8	-890.4	218.9	-198.2	8.6
5	61.00	-10.5	-14.7	2094	3007	-5.0	-4.9	-766.4	-869.5	197.8	-179.8	7.6
6	73.00	-11.7	-16.8	2091	2952	-5.6	-5.7	-755.9	-854.8	187.4	-170.6	7.5
7	85.00	-12.2	-17.2	2091	2952	-5.9	-5.8	-744.2	-838.0	177.3	-161.6	7.2
8	97.00	-12.7	-17.6	2091	2952	-6.1	-6.0	-731.9	-820.8	167.3	-152.8	7.0
9	109.00	-13.7	-18.4	2091	2952	-6.6	-6.2	-719.2	-803.2	157.6	-144.1	6.8
10	121.00	-14.9	-19.4	2091	2952	-7.1	-6.6	-705.5	-784.8	148.1	-135.5	6.6
11	133.00	-16.2	-20.4	2091	2952	-7.7	-6.9	-690.5	-765.4	138.8	-127.1	6.4
12	145.00	-17.4	-21.3	2091	2952	-8.3	-7.2	-674.4	-745.0	129.7	-118.9	6.2
13	157.00	-18.6	-22.3	2091	2952	-8.9	-7.6	-657.0	-723.7	120.9	-111.0	6.1
14	169.00	-19.8	-23.2	2091	2952	-9.5	-7.9	-638.4	-701.4	112.3	-103.2	5.9
15	181.00	-21.0	-24.2	2091	2952	-10.0	-8.2	-618.6	-678.2	104.1	-95.6	5.8
16	193.00	-22.2	-25.2	2091	2952	-10.6	-8.5	-597.6	-654.0	96.1	-88.3	5.6
17	205.00	-22.9	-25.7	2091	2952	-11.0	-8.7	-575.4	-628.8	88.4	-81.3	5.5
18	217.00	-23.2	-25.9	2091	2952	-11.1	-8.8	-552.5	-603.1	81.0	-74.5	5.3
19	229.00	-23.4	-26.1	2091	2952	-11.2	-8.8	-529.4	-577.2	73.9	-68.0	5.2
20	241.00	-23.6	-26.3	2091	2952	-11.3	-8.9	-506.0	-551.1	67.1	-61.8	5.0
21	253.00	-23.8	-26.5	2091	2952	-11.4	-9.0	-482.4	-524.8	60.7	-55.9	4.9
22	265.00	-24.1	-26.6	2091	2952	-11.5	-9.0	-458.5	-498.4	54.5	-50.3	4.7
23	277.00	-24.3	-26.8	2091	2952	-11.6	-9.1	-434.4	-471.7	48.7	-44.9	4.5
24	289.00	-24.5	-27.0	2091	2952	-11.7	-9.2	-410.1	-444.9	43.2	-39.8	4.3
25	301.00	-24.6	-27.1	2091	2952	-11.8	-9.2	-385.6	-417.8	38.0	-35.1	4.1
26	313.00	-24.9	-27.3	2091	2952	-11.9	-9.2	-361.0	-390.8	33.2	-30.6	3.9
27	325.00	-25.2	-27.5	2091	2952	-12.0	-9.3	-336.1	-363.5	28.7	-26.4	3.7
28	337.00	-25.4	-27.7	2091	2952	-12.2	-9.4	-310.9	-336.0	24.5	-22.5	3.5
29	349.00	-25.7	-27.9	2091	2952	-12.3	-9.5	-285.5	-308.2	20.6	-18.9	3.3
30	361.00	-26.0	-28.1	2091	2952	-12.4	-9.5	-259.8	-280.3	17.1	-15.7	3.1
31	373.00	-26.3	-28.4	2091	2952	-12.6	-9.6	-233.8	-252.2	13.9	-12.7	2.9
32	385.00	-26.6	-28.6	2091	2952	-12.7	-9.7	-207.5	-223.8	11.0	-10.1	2.7
33	397.00	-26.2	-27.8	2091	2952	-12.5	-9.4	-180.9	-195.3	8.5	-7.7	2.5
34	409.00	-26.0	-27.2	2091	2952	-12.4	-9.2	-154.7	-167.4	6.3	-5.7	2.2
35	421.00	-25.7	-26.7	2091	2952	-12.3	-9.0	-128.7	-140.2	4.5	-4.0	2.0
36	433.00	-25.2	-26.2	2091	2952	-12.0	-8.9	-103.0	-113.6	3.0	-2.6	1.7
37	445.00	-26.4	-28.3	2265	3198	-11.7	-8.8	-77.9	-87.4	1.8	-1.5	1.4
MECH	458.00	-51.4	-59.1	4704	6641	-10.9	-8.9	-51.4	-59.1	.8	-.7	1.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	5.5	-16.2	2074	2505	2.6	-6.5	-932.4	-1319.8	368.6	-261.4	13.3
LOB	12.00	-.6	-11.1	2103	2534	-.3	-4.4	-937.9	-1303.6	352.9	-250.2	12.5
3	24.00	-3.8	-12.1	2345	2811	-1.6	-4.3	-937.3	-1292.6	337.3	-238.9	11.5
MECH	37.00	-15.2	-24.2	4509	5370	-3.4	-4.5	-933.5	-1280.4	320.6	-226.8	10.8
5	61.00	-15.0	-16.2	2094	3007	-7.2	-5.4	-918.3	-1256.2	290.2	-204.6	9.5
6	73.00	-16.0	-19.0	2091	2952	-7.6	-6.4	-903.3	-1240.0	275.2	-193.6	9.2
7	85.00	-16.4	-19.8	2091	2952	-7.8	-6.7	-887.3	-1221.0	260.4	-182.9	8.9
8	97.00	-16.8	-20.5	2091	2952	-8.0	-7.0	-870.9	-1201.3	245.9	-172.3	8.6
9	109.00	-18.3	-22.0	2091	2952	-8.7	-7.5	-854.1	-1180.7	231.6	-162.0	8.4
10	121.00	-19.8	-24.3	2091	2952	-9.5	-8.2	-835.8	-1158.7	217.6	-151.8	8.2
11	133.00	-21.3	-26.6	2091	2952	-10.2	-9.0	-816.0	-1134.4	203.8	-141.9	7.9
12	145.00	-22.8	-29.0	2091	2952	-10.9	-9.8	-794.7	-1107.8	190.3	-132.3	7.7
13	157.00	-24.3	-31.3	2091	2952	-11.6	-10.6	-771.9	-1078.8	177.2	-122.9	7.5
14	169.00	-25.7	-33.7	2091	2952	-12.3	-11.4	-747.6	-1047.5	164.5	-113.8	7.2
15	181.00	-27.2	-36.0	2091	2952	-13.0	-12.2	-721.9	-1013.8	152.1	-104.9	7.0
16	193.00	-28.7	-38.3	2091	2952	-13.7	-13.0	-694.6	-977.8	140.1	-96.4	6.7
17	205.00	-29.7	-39.5	2091	2952	-14.2	-13.4	-665.9	-939.5	128.6	-88.5	6.6
18	217.00	-29.9	-39.8	2091	2952	-14.3	-13.5	-636.3	-899.9	117.6	-80.3	6.5
19	229.00	-30.2	-40.1	2091	2952	-14.4	-13.6	-606.3	-860.1	107.0	-73.0	5.5
20	241.00	-30.4	-40.4	2091	2952	-14.6	-13.7	-576.1	-819.9	97.0	-65.9	5.5
21	253.00	-30.7	-40.7	2091	2952	-14.7	-13.8	-545.7	-779.5	87.4	-59.2	5.4
22	265.00	-31.0	-41.0	2091	2952	-14.8	-13.9	-515.0	-738.8	78.3	-52.8	4.4
23	277.00	-31.2	-41.3	2091	2952	-14.9	-14.0	-484.0	-697.7	69.6	-46.8	4.3
24	289.00	-31.5	-41.6	2091	2952	-15.1	-14.1	-452.8	-656.4	61.5	-41.2	4.0
25	301.00	-31.4	-42.1	2091	2952	-15.0	-14.3	-421.3	-614.8	53.9	-36.1	3.7
26	313.00	-31.1	-42.3	2091	2952	-14.9	-14.3	-390.0	-572.7	46.8	-31.6	3.3
27	325.00	-30.9	-42.6	2091	2952	-14.8	-14.4	-358.8	-530.4	40.1	-26.6	3.3
28	337.00	-30.6	-42.9	2091	2952	-14.6	-14.5	-328.0	-487.8	34.0	-22.5	3.2
29	349.00	-30.3	-43.2	2091	2952	-14.5	-14.6	-297.3	-444.9	28.4	-18.7	2.2
30	361.00	-30.1	-43.4	2091	2952	-14.4	-14.7	-267.0	-401.7	23.4	-15.3	2.1
31	373.00	-29.8	-43.7	2091	2952	-14.3	-14.8	-236.9	-358.3	18.8	-12.3	1.8
32	385.00	-29.6	-44.0	2091	2952	-14.1	-14.9	-207.1	-314.5	14.8	-9.7	1.5
33	397.00	-28.1	-42.4	2091	2952	-13.4	-14.4	-177.5	-270.5	11.2	-7.3	1.1
34	409.00	-26.8	-40.7	2091	2952	-12.8	-13.8	-149.5	-228.2	8.2	-5.4	1.1
35	421.00	-25.7	-39.0	2091	2952	-12.3	-13.2	-122.6	-187.4	5.8	-3.8	1.0
36	433.00	-24.5	-37.1	2091	2952	-11.7	-12.6	-97.0	-148.5	3.7	-2.4	.7
37	445.00	-25.1	-38.2	2265	3198	-11.1	-11.9	-72.5	-111.4	2.2	-1.4	.5
MECH	458.00	-47.3	-73.2	4704	6641	-10.1	-11.0	-47.3	-73.2	1.0	-.6	.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT	Y-MOMENT 1000-FT-KIPS	Z-MOMENT
BL	0.00	3.5	-14.2	2074	2505	1.7	-5.7	-959.6	-1647.6	459.9	-254.1	12.4
LOB	12.00	-3.2	-9.4	2103	2534	-1.5	-3.7	-963.1	-1633.3	440.2	-242.6	11.3
3	24.00	-7.0	-11.8	2345	2811	-3.0	-4.2	-959.8	-1624.0	420.7	-231.0	10.5
MECH	37.00	-22.6	-27.9	4509	5370	-5.0	-5.2	-952.8	-1612.2	399.6	-218.6	9.5
5	61.00	-20.1	-21.1	2094	3007	-9.6	-7.0	-930.2	-1584.2	361.3	-196.0	7.7
6	73.00	-21.9	-23.9	2091	2952	-10.5	-8.1	-910.1	-1563.1	342.4	-185.0	7.2
7	85.00	-22.6	-24.7	2091	2952	-10.8	-8.4	-888.3	-1539.2	323.8	-174.2	6.6
8	97.00	-23.4	-25.5	2091	2952	-11.2	-8.6	-865.6	-1514.5	305.4	-163.7	6.1
9	109.00	-24.3	-27.7	2091	2952	-11.6	-9.4	-842.2	-1489.0	287.4	-153.4	5.5
10	121.00	-25.0	-30.9	2091	2952	-11.9	-10.5	-817.9	-1461.2	269.7	-143.4	5.3
11	133.00	-25.6	-34.2	2091	2952	-12.2	-11.6	-792.9	-1430.3	252.4	-133.8	5.1
12	145.00	-26.2	-37.4	2091	2952	-12.5	-12.7	-767.4	-1396.1	235.4	-124.4	4.8
13	157.00	-26.7	-40.7	2091	2952	-12.8	-13.8	-741.2	-1358.7	218.9	-115.4	4.4
14	169.00	-27.3	-43.9	2091	2952	-13.1	-14.9	-714.5	-1318.0	202.8	-106.6	4.2
15	181.00	-27.9	-47.2	2091	2952	-13.4	-16.0	-687.2	-1274.1	187.3	-98.2	3.9
16	193.00	-28.5	-50.4	2091	2952	-13.6	-17.1	-659.2	-1226.9	172.3	-90.1	3.7
17	205.00	-29.1	-51.8	2091	2952	-13.9	-17.6	-630.7	-1176.5	157.9	-82.4	3.6
18	217.00	-29.3	-52.1	2091	2952	-14.0	-17.7	-601.6	-1124.7	144.0	-75.0	3.4
19	229.00	-29.4	-52.4	2091	2952	-14.1	-17.8	-572.4	-1072.6	130.9	-68.0	3.3
20	241.00	-29.5	-52.7	2091	2952	-14.1	-17.8	-543.0	-1020.2	118.3	-61.3	3.2
21	253.00	-29.6	-53.0	2091	2952	-14.2	-17.9	-513.5	-967.5	106.4	-54.9	3.0
22	265.00	-29.8	-53.2	2091	2952	-14.2	-18.0	-483.8	-914.5	95.1	-49.0	2.9
23	277.00	-29.9	-53.5	2091	2952	-14.3	-18.1	-454.0	-861.3	84.4	-43.3	2.7
24	289.00	-30.0	-53.8	2091	2952	-14.4	-18.2	-424.1	-807.8	74.4	-38.1	2.5
25	301.00	-30.1	-53.8	2091	2952	-14.4	-18.2	-394.1	-754.0	65.0	-33.1	2.4
26	313.00	-29.8	-53.8	2091	2952	-14.3	-18.2	-364.0	-700.2	56.3	-28.6	2.2
27	325.00	-29.5	-53.8	2091	2952	-14.1	-18.2	-334.2	-646.3	48.2	-24.4	2.1
28	337.00	-29.2	-53.8	2091	2952	-14.0	-18.2	-304.7	-592.5	40.8	-20.6	1.9
29	349.00	-28.9	-53.8	2091	2952	-13.8	-18.2	-275.5	-538.7	34.0	-17.1	1.7
30	361.00	-28.6	-53.8	2091	2952	-13.7	-18.2	-246.6	-484.9	27.9	-14.0	1.5
31	373.00	-28.2	-53.8	2091	2952	-13.5	-18.2	-218.1	-431.2	22.4	-11.2	1.4
32	385.00	-27.9	-53.8	2091	2952	-13.4	-18.2	-189.8	-377.4	17.5	-8.7	1.2
33	397.00	-26.3	-51.7	2091	2952	-12.6	-17.5	-161.9	-323.6	13.3	-6.6	1.0
34	409.00	-25.0	-49.4	2091	2952	-12.0	-16.7	-135.5	-271.9	9.8	-4.8	.8
35	421.00	-23.7	-46.9	2091	2952	-11.3	-15.9	-110.5	-222.5	6.8	-3.4	.6
36	433.00	-22.2	-44.6	2091	2952	-10.6	-15.1	-86.9	-175.6	4.4	-2.2	.4
37	445.00	-22.4	-45.7	2265	3198	-9.9	-14.3	-64.7	-131.0	2.6	-1.3	.3
MECH	458.00	-42.3	-85.3	4704	6641	-9.0	-12.8	-42.3	-85.3	1.2	-.6	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PROJECT 'C' - DENVER, COLORADO
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 21.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT FT	X-FORCE KIPS	Y-FORCE KIPS	X-AREA SQ FT	Y-AREA SQ FT	X-PRESS PSF	Y-PRESS PSF	X-SHEAR KIPS	Y-SHEAR KIPS	X-MOMENT 1000-FT-KIPS	Y-MOMENT 1000-FT-KIPS	Z-MOMENT 1000-FT-KIPS
BL	0.00	-.3	-13.0	2074	2505	-.2	-5.2	-855.6	-1771.3	500.7	-219.2	7.8
LOB	12.00	-6.4	-8.4	2103	2534	-3.1	-3.3	-855.3	-1758.3	479.5	-209.0	6.9
3	24.00	-10.0	-11.0	2345	2811	-4.2	-3.9	-848.9	-1749.9	458.5	-198.8	6.1
MECH	37.00	-26.5	-27.4	4509	5370	-5.9	-5.1	-838.9	-1738.9	435.8	-187.8	5.2
5	61.00	-21.8	-22.5	2094	3007	-10.4	-7.5	-812.4	-1711.6	394.4	-168.0	3.4
6	73.00	-23.3	-25.3	2091	2952	-11.2	-8.6	-790.6	-1689.1	374.0	-158.4	2.8
7	85.00	-23.7	-26.1	2091	2952	-11.3	-8.8	-767.3	-1663.8	353.8	-149.0	2.2
8	97.00	-24.0	-26.9	2091	2952	-11.5	-9.1	-743.6	-1637.7	334.0	-139.9	1.7
9	109.00	-24.3	-29.1	2091	2952	-11.6	-9.9	-719.6	-1610.7	314.5	-131.2	1.3
10	121.00	-24.1	-32.3	2091	2952	-11.5	-11.0	-695.3	-1581.7	295.4	-122.7	1.0
11	133.00	-23.9	-35.7	2091	2952	-11.4	-12.1	-671.2	-1549.3	276.6	-114.5	.7
12	145.00	-23.7	-39.0	2091	2952	-11.3	-13.2	-647.3	-1513.6	258.2	-106.6	.4
13	157.00	-23.5	-42.3	2091	2952	-11.2	-14.3	-623.6	-1474.7	240.3	-98.9	.1
14	169.00	-23.2	-45.6	2091	2952	-11.1	-15.5	-600.1	-1432.3	222.9	-91.6	-.1
15	181.00	-23.0	-49.0	2091	2952	-11.0	-16.6	-576.9	-1386.7	205.9	-84.5	-.3
16	193.00	-22.8	-52.3	2091	2952	-10.9	-17.7	-553.9	-1337.7	189.6	-77.7	-.5
17	205.00	-23.1	-54.0	2091	2952	-11.0	-18.3	-531.2	-1285.4	173.9	-71.2	-.6
18	217.00	-23.2	-54.8	2091	2952	-11.1	-18.6	-508.1	-1231.4	158.8	-65.0	-.7
19	229.00	-23.4	-55.5	2091	2952	-11.2	-18.8	-484.8	-1176.6	144.3	-59.0	-.9
20	241.00	-23.5	-56.2	2091	2952	-11.2	-19.0	-461.5	-1121.1	130.5	-53.4	-1.0
21	253.00	-23.6	-56.9	2091	2952	-11.3	-19.3	-438.0	-1064.9	117.4	-48.0	-1.1
22	265.00	-23.8	-57.7	2091	2952	-11.4	-19.5	-414.3	-1008.0	105.0	-42.9	-1.1
23	277.00	-23.9	-58.4	2091	2952	-11.4	-19.8	-390.6	-950.3	93.2	-38.0	-1.2
24	289.00	-24.1	-59.1	2091	2952	-11.5	-20.0	-366.6	-891.9	82.2	-33.5	-1.2
25	301.00	-24.2	-59.2	2091	2952	-11.6	-20.1	-342.6	-832.8	71.8	-29.2	-1.3
26	313.00	-24.4	-59.3	2091	2952	-11.7	-20.1	-318.4	-773.5	62.2	-25.3	-1.3
27	325.00	-24.5	-59.4	2091	2952	-11.7	-20.1	-294.0	-714.2	53.3	-21.6	-1.3
28	337.00	-24.7	-59.4	2091	2952	-11.8	-20.1	-269.5	-654.8	45.0	-18.2	-1.3
29	349.00	-24.9	-59.5	2091	2952	-11.9	-20.2	-244.7	-595.4	37.5	-15.1	-1.3
30	361.00	-25.1	-59.6	2091	2952	-12.0	-20.2	-219.8	-535.9	30.8	-12.3	-1.3
31	373.00	-25.3	-59.7	2091	2952	-12.1	-20.2	-194.7	-476.3	24.7	-9.8	-1.2
32	385.00	-25.5	-59.7	2091	2952	-12.2	-20.2	-169.5	-416.7	19.3	-7.7	-1.2
33	397.00	-24.0	-57.4	2091	2952	-11.5	-19.5	-144.0	-356.9	14.7	-5.8	-1.1
34	409.00	-22.9	-54.6	2091	2952	-11.0	-18.5	-120.0	-299.5	10.7	-4.2	-1.1
35	421.00	-21.8	-51.5	2091	2952	-10.4	-17.5	-97.1	-244.9	7.5	-2.9	-1.0
36	433.00	-20.0	-49.0	2091	2952	-9.6	-16.6	-75.3	-193.3	4.8	-1.9	-.9
37	445.00	-19.7	-50.3	2265	3198	-8.7	-15.7	-55.3	-144.3	2.8	-1.1	-.7
MECH	458.00	-35.6	-94.0	4704	6641	-7.6	-14.2	-35.6	-94.0	1.3	-.5	-.5

PROJECT 'C' - DENVER, COLORADO
PROJECT 3718 CONFIGURATION A
SCALE = 300 REF. PRESSURE = 21.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.00
NUMBER OF SIDES = 10 NO. OF FLOORS = 38

SIDE	ANGLE	Z-AXIS
1	45.0	2.936
2	315.0	4.940
3	270.0	2.460
4	225.0	-.086
5	225.0	4.114
6	180.0	-2.730
7	180.0	3.170
8	135.0	.700
9	135.0	-.100
10	90.0	.765

FLOOR #	LABEL	HEIGHT-FT
1	BL	12.00
2	LOB	12.00
3	3	13.00
4	MECH	24.00
5	5	12.00
6	6	12.00
7	7	12.00
8	8	12.00
9	9	12.00
10	10	12.00
11	11	12.00
12	12	12.00
13	13	12.00
14	14	12.00
15	15	12.00
16	16	12.00
17	17	12.00
18	18	12.00
19	19	12.00
20	20	12.00
21	21	12.00
22	22	12.00
23	23	12.00
24	24	12.00
25	25	12.00
26	26	12.00
27	27	12.00
28	28	12.00
29	29	12.00
30	30	12.00
31	31	12.00
32	32	12.00
33	33	12.00
34	34	12.00
35	35	12.00
36	36	12.00
37	37	13.00
38	MECH	27.00

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	100	-.035	.127	.391	-.512
0	101	.154	.129	.654	-.328
0	102	.203	.123	.625	-.249
0	103	.187	.122	.655	-.214
0	104	.164	.121	.572	-.232
0	105	.178	.123	.565	-.256
0	106	.146	.123	.573	-.305
0	107	-.035	.114	.407	-.481
0	108	.328	.140	.848	-.112
0	109	.465	.154	.925	.031
0	110	.526	.162	1.029	.139
0	111	.515	.160	1.039	-.001
0	112	.420	.147	.937	-.076
0	113	.305	.135	.730	-.192
0	114	-.082	.125	.360	-.578
0	115	.243	.124	.788	-.112
0	116	.373	.134	.951	-.023
0	117	.438	.137	.930	.054
0	118	.454	.135	.890	.104
0	119	.376	.129	.761	.027
0	120	.265	.130	.715	-.130
0	121	-.212	.115	.332	-.678
0	122	.176	.118	.615	-.200
0	123	.293	.124	.773	.000
0	124	.348	.128	.784	.027
0	125	.348	.128	.841	.042
0	126	.277	.119	.711	-.049
0	127	.184	.126	.646	-.185
0	128	-.224	.123	.240	-.756
0	129	.037	.071	.323	-.173
0	130	.107	.061	.351	-.102
0	131	.131	.064	.412	-.094
0	132	.125	.067	.412	-.085
0	133	.100	.084	.500	-.128
0	134	.048	.101	.503	-.222
0	135	-.140	.091	.151	-.574
0	136	-.035	.112	.364	-.522
0	137	.069	.094	.464	-.385
0	138	.124	.094	.507	-.371
0	139	.121	.078	.483	-.301
0	140	.154	.092	.612	-.375
0	141	.133	.084	.531	-.185
0	142	.102	.076	.426	-.126
0	143	.078	.075	.412	-.143
0	144	-.079	.086	.188	-.610
0	145	-.379	.101	-.117	-.824
0	150	-.029	.127	.377	-.539
0	151	.281	.144	.678	-.190
0	200	-.237	.176	.366	-.959
0	201	-.029	.101	.311	-.685
0	202	-.076	.078	.256	-.357
0	203	-.126	.071	.178	-.388
0	204	-.204	.072	.171	-.478
0	205	-.287	.071	.009	-.549
0	206	-.415	.094	-.105	-.807
0	207	-.389	.088	-.103	-.856
0	208	-.369	.081	-.102	-.684
0	209	-.409	.091	-.105	-.757
0	210	-.357	.119	.241	-.949
0	211	-.376	.140	.526	-.999
0	212	-.394	.136	.093	-1.070
0	213	-.382	.120	.008	-1.096
0	214	-.366	.090	-.006	-.720
0	215	-.395	.103	.144	-.787
0	216	-.409	.117	.026	-.949
0	217	-.389	.084	-.083	-.744
0	218	-.392	.097	-.090	-.830
0	219	-.459	.099	-.222	-1.007
0	220	-.050	.204	.672	-.851
0	221	.109	.175	.710	-.709
0	222	.149	.100	.604	-.230
0	223	-.013	.077	.366	-.252
0	224	-.111	.063	.198	-.356
0	225	-.343	.128	.034	-.775
0	226	-.386	.060	-.167	-.657
0	227	-.403	.060	-.188	-.677
0	228	-.386	.069	-.138	-.643
0	229	-.380	.065	-.162	-.643
0	230	-.385	.039	-.272	-.524
0	231	-.396	.057	-.212	-.712
0	232	-.421	.057	-.257	-.694
0	233	-.397	.058	-.234	-.623
0	234	-.401	.060	-.202	-.646
0	235	-.421	.079	-.185	-.873
0	236	-.454	.090	-.180	-.913
0	237	-.407	.070	-.188	-.700
0	238	-.038	.190	.552	-.840
0	239	.086	.173	.540	-.830
0	240	.126	.093	.440	-.424
0	241	.039	.072	.285	-.243
0	242	-.088	.062	.116	-.310
0	243	-.162	.057	.061	-.378
0	244	-.357	.073	-.080	-.807
0	245	-.344	.080	-.048	-1.205
0	246	-.365	.079	-.065	-.708
0	247	-.399	.078	-.182	-.758
0	248	-.390	.080	-.126	-.872
0	249	-.377	.073	-.171	-.728
0	250	-.405	.073	-.184	-.780
0	251	-.426	.068	-.146	-.714
0	252	-.434	.067	-.181	-.742
0	253	-.427	.073	-.176	-.693
0	254	-.452	.080	-.160	-.763
0	255	-.411	.070	-.188	-.932
0	256	-.107	.176	.464	-.770
0	257	.040	.140	.697	-.549
0	258	.061	.083	.547	-.185
0	259	-.049	.069	.354	-.237
0	260	-.172	.064	.145	-.400
0	261	-.245	.066	-.015	-.510
0	262	-.361	.084	-.103	-.808
0	263	-.463	.103	-.109	-.885
0	264	-.483	.102	-.151	-.846
0	265	-.514	.105	-.240	-.990
0	266	-.504	.111	-.213	-1.031
0	267	-.482	.099	-.181	-1.027
0	268	-.406	.073	-.115	-.722
0	269	-.511	.102	-.237	-.947
0	270	-.484	.101	-.157	-.995
0	271	-.434	.102	-.018	-.869
0	272	-.405	.076	-.125	-.697
0	273	-.400	.093	-.102	-.814
0	274	-.134	.165	.334	-.884
0	275	-.016	.109	.302	-.753
0	276	-.070	.072	.259	-.281
0	277	-.124	.064	.196	-.298
0	278	-.237	.068	.088	-.484
0	279	-.349	.078	-.095	-.723
0	280	-.572	.166	-.225	-1.395
0	281	-.543	.114	-.207	-1.084
0	282	-.655	.161	-.240	-1.639
0	283	-.688	.154	-.282	-1.380
0	284	-.655	.144	-.185	-1.354
0	285	-.556	.108	-.237	-1.051
0	286	-.611	.129	-.189	-1.150
0	287	-.537	.123	-.027	-1.021
0	288	-.430	.120	.118	-.892
0	289	-.381	.107	-.043	-.785
0	290	-.187	.105	.135	-.695
0	291	-.118	.087	.209	-.494
0	292	-.061	.101	.278	-.494
0	293	-.125	.069	.149	-.506
0	294	-.183	.093	.172	-1.114
0	295	-.123	.096	.189	-.525
0	296	-.069	.080	.179	-.484
0	297	-.045	.068	.259	-.318
0	298	.038	.076	.310	-.245
0	299	.047	.082	.432	-.222
0	300	.087	.077	.431	-.176
0	301	.004	.067	.309	-.196

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	302	.004	.086	.365	-.322
0	303	-.394	.074	-.116	-.726
0	304	-.525	.116	-.244	-1.088
0	305	-.501	.133	-.211	-1.119
0	306	-.571	.152	-.217	-1.306
0	307	-.687	.183	-.246	-1.662
0	308	-.479	.124	.017	-.992
0	309	.010	.103	.428	-.448
0	310	.018	.093	.360	-.545
0	311	.108	.094	.640	-.169
0	312	-.622	.139	-.246	-1.256
0	313	-.398	.083	-.162	-.739
0	314	-.408	.085	-.196	-.850
0	315	-.129	.104	.366	-.489
0	316	-.130	.151	.538	-.623
0	320	-.224	.061	.031	-.455
0	321	-.407	.074	-.139	-.709
0	322	-.412	.082	-.085	-.891
0	323	-.396	.077	-.131	-.885
0	400	-.334	.090	.011	-.654
0	401	-.340	.101	.060	-.683
0	402	-.381	.106	.009	-.785
0	403	-.390	.100	-.021	-.839
0	404	-.387	.108	.026	-.897
0	405	-.436	.156	-.077	-1.446
0	406	-.447	.171	-.059	-1.900
0	407	-.465	.146	-.073	-1.311
0	408	-.484	.154	-.068	-1.386
0	409	-.485	.151	-.035	-1.450
0	410	-.505	.163	-.040	-1.303
0	411	-.549	.173	-.113	-1.344
0	412	-.606	.203	-.034	-1.673
0	413	-.667	.234	-.065	-1.845
0	414	-.418	.074	-.212	-.688
0	415	-.419	.074	-.181	-.697
0	416	-.408	.079	-.137	-.753
0	417	-.393	.085	-.109	-.774
0	418	-.391	.085	-.117	-.802
0	419	-.389	.104	.004	-.770
0	420	-.361	.068	-.142	-.672
0	421	-.362	.067	-.167	-.708
0	422	-.382	.068	-.130	-.705
0	423	-.384	.067	-.151	-.675
0	424	-.391	.066	-.181	-.738
0	425	-.387	.066	-.142	-.764
0	426	-.405	.072	-.189	-.842
0	427	-.415	.077	-.133	-.855
0	428	-.426	.092	-.129	-1.045
0	429	-.464	.126	-.035	-1.536
0	430	-.438	.116	-.135	-.930
0	431	-.472	.134	.072	-1.091
0	432	-.454	.123	-.009	-1.050
0	433	-.442	.118	-.093	-1.108
0	434	-.469	.124	-.108	-1.169
0	435	-.495	.132	-.068	-1.129
0	436	-.530	.144	-.125	-1.185
0	437	-.549	.154	-.086	-1.238
0	438	-.357	.077	-.040	-.695
0	439	-.366	.073	-.136	-.670
0	440	-.372	.074	-.110	-.814
0	441	-.364	.076	-.127	-.805
0	442	-.382	.072	-.117	-.680
0	443	-.386	.071	-.118	-.695
0	444	-.407	.070	-.164	-.770
0	445	-.403	.074	-.088	-.733
0	446	-.439	.083	-.105	-1.303
0	447	-.482	.108	-.103	-1.129
0	448	-.470	.107	-.088	-1.112
0	449	-.475	.115	-.104	-1.062
0	450	-.484	.116	-.132	-.982
0	451	-.478	.116	-.061	-.961
0	452	-.499	.118	-.132	-.978
0	453	-.517	.142	-.047	-1.220
0	454	-.563	.153	-.050	-1.149
0	455	-.591	.164	-.043	-1.194
0	456	-.495	.109	-.051	-1.032
0	457	-.480	.105	-.157	-1.075
0	458	-.492	.110	-.170	-1.002
0	459	-.494	.103	-.204	-.983
0	460	-.513	.109	-.161	-1.018
0	461	-.483	.109	-.137	-.948
0	462	-.479	.107	-.120	-.865
0	463	-.463	.102	-.058	-.820
0	464	-.420	.084	-.093	-.709
0	465	-.441	.105	-.074	-.915
0	466	-.457	.107	-.124	-1.082
0	467	-.420	.125	-.070	-.915
0	468	-.491	.122	-.106	-.929
0	469	-.485	.129	-.086	-1.024
0	470	-.540	.139	-.092	-1.209
0	471	-.490	.165	-.014	-1.200
0	472	-.527	.177	-.125	-1.298
0	473	-.572	.194	-.115	-1.416
0	474	-.669	.135	-.264	-1.252
0	475	-.627	.123	-.303	-1.269
0	476	-.651	.130	-.270	-1.408
0	477	-.655	.135	-.295	-1.245
0	478	-.614	.129	-.095	-1.095
0	479	-.525	.117	-.103	-.943
0	480	-.361	.112	-.028	-.890
0	481	-.291	.104	.178	-.707
0	482	-.211	.085	.173	-.542
0	483	-.210	.107	.121	-.818
0	484	-.425	.203	.096	-1.395
0	485	-.282	.167	.190	-1.219
0	486	-.308	.208	.155	-1.592
0	487	-.274	.156	.097	-.919
0	488	-.324	.147	.149	-1.298
0	489	-.448	.166	-.015	-1.380
0	490	-.582	.251	-.069	-2.163
0	491	-.539	.239	-.113	-1.779
0	492	-.492	.119	-.177	-1.089
0	493	-.474	.111	-.018	-.983
0	494	-.384	.151	.131	-1.019
0	495	-.278	.115	.109	-.982
0	496	-.253	.091	.000	-.943
0	497	-.296	.129	-.011	-1.071
0	498	-.305	.102	-.022	-.916
0	499	-.353	.091	-.012	-.972
0	500	-.342	.096	-.076	-.850
0	501	-.329	.101	-.068	-.875
0	502	-.318	.100	-.078	-.936
0	510	-.421	.127	-.095	-1.327
0	511	-.453	.138	-.081	-1.345
0	512	-.437	.131	-.038	-1.050
0	513	-.439	.141	-.044	-1.258
0	600	-.536	.196	.035	-1.825
0	601	-.502	.216	.177	-1.552
0	602	-.564	.232	.181	-1.522
0	603	-.721	.250	-.003	-2.184
0	604	-.828	.223	-.176	-1.925
0	605	-.863	.205	-.367	-1.684
0	606	-.876	.281	-.366	-2.517
0	607	-.601	.179	-.011	-1.488
0	608	-.607	.186	.164	-1.297
0	609	-.665	.182	.040	-1.522
0	610	-.719	.170	-.095	-1.673
0	611	-.724	.148	-.180	-1.318
0	612	-.704	.136	-.284	-1.498
0	613	-.729	.140	-.322	-1.338
0	614	-.608	.201	-.097	-1.536
0	615	-.605	.201	.018	-1.406
0	616	-.675	.206	.013	-1.592
0	617	-.761	.185	-.033	-1.657
0	618	-.751	.157	-.287	-1.635
0	619	-.722	.136	-.324	-1.424
0	620	-.718	.133	-.316	-1.373
0	621	-.494	.182	.001	-1.294
0	622	-.428	.200	.123	-1.319
0	623	-.504	.254	.239	-1.724

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	624	-.698	.258	.271	-1.714
0	625	-.832	.217	-.026	-1.851
0	626	-.791	.184	-.347	-1.863
0	627	-.788	.190	-.223	-2.075
0	628	-.359	.123	-.049	-.839
0	629	-.263	.084	.123	-.586
0	630	-.171	.068	.107	-.594
0	631	-.148	.112	.337	-1.075
0	632	-.377	.320	.442	-1.714
0	633	-.920	.379	.142	-2.843
0	634	-.943	.323	-.148	-2.593
0	635	-.216	.055	-.054	-.423
0	636	-.194	.053	-.014	-.434
0	637	-.212	.059	-.030	-.448
0	638	-.199	.060	-.035	-.434
0	639	-.172	.050	.002	-.374
0	640	-.189	.038	-.056	-.313
0	641	-.150	.037	-.014	-.290
0	642	-.153	.039	-.018	-.292
0	643	-.113	.032	.004	-.224
0	644	-.112	.035	.003	-.252
0	645	-.110	.038	.024	-.254
0	646	-.095	.038	.055	-.229
0	647	-.097	.050	.077	-.429
0	648	-.288	.130	.047	-1.023
0	650	-.891	.210	-.405	-1.964
0	651	-.888	.195	-.363	-1.862
0	900	-.679	.124	-.332	-1.341
0	901	-.463	.209	.379	-1.374
0	902	-.322	.108	-.095	-.811
0	903	-.338	.118	-.003	-1.011
0	904	-.640	.110	-.297	-1.126
0	905	-.645	.123	-.305	-1.336
0	906	-.480	.134	.040	-1.039
0	907	-.320	.186	.701	-1.049
0	908	-.655	.151	-.220	-1.370
0	909	-.396	.173	.262	-1.175
0	910	-.309	.192	.439	-1.111
0	911	-.254	.104	.051	-.767
0	912	-.684	.174	-.221	-1.657
0	913	.014	.133	.592	-.285
0	914	-.455	.090	-.124	-.809
0	915	-.450	.101	-.118	-.925
0	916	.097	.116	.554	-.286
0	917	-.633	.171	.012	-1.504
0	918	-.670	.261	.259	-2.030
0	919	.104	.122	.651	-.307
0	920	-.625	.210	-.075	-1.882
10	100	.091	.129	.507	-.438
10	101	.212	.138	.695	-.312
10	102	.216	.126	.585	-.156
10	103	.185	.116	.569	-.185
10	104	.151	.107	.530	-.204
10	105	.110	.112	.528	-.254
10	106	.004	.109	.368	-.453
10	107	.127	.122	.547	-.272
10	108	.445	.137	.934	.002
10	109	.503	.137	.903	.083
10	110	.497	.134	.899	.096
10	111	.438	.127	.823	.096
10	112	.267	.118	.650	-.070
10	113	.045	.128	.484	-.351
10	114	.069	.130	.615	-.331
10	115	.353	.140	.847	-.050
10	116	.433	.139	.845	.009
10	117	.442	.133	.843	.035
10	118	.383	.131	.880	.003
10	119	.211	.124	.687	-.134
10	120	-.039	.125	.466	-.320
10	121	-.031	.129	.449	-.457
10	122	.261	.128	.811	-.103
10	123	.316	.130	.795	-.090
10	124	.327	.127	.816	-.060
10	125	.291	.120	.750	-.041
10	126	.189	.119	.613	-.176
10	127	.030	.126	.548	-.376
10	128	-.067	.113	.437	-.509
10	129	.093	.079	.444	-.147
10	130	.122	.067	.430	-.118
10	131	.123	.066	.401	-.054
10	132	.084	.064	.365	-.107
10	133	.020	.072	.341	-.209
10	134	-.064	.083	.303	-.402
10	135	-.029	.065	.203	-.294
10	136	.052	.075	.380	-.305
10	137	.126	.077	.574	-.142
10	138	.184	.085	.568	-.123
10	139	.147	.085	.554	-.211
10	140	.064	.090	.454	-.347
10	141	.057	.082	.415	-.185
10	142	.034	.078	.332	-.338
10	143	.053	.086	.573	-.174
10	144	-.084	.057	.130	-.342
10	145	-.280	.074	-.074	-.665
10	150	.138	.137	.646	-.323
10	151	.375	.151	.896	-.080
10	200	-.530	.169	.121	-1.244
10	201	-.232	.173	.163	-.828
10	202	-.171	.073	.113	-.454
10	203	-.206	.061	.029	-.431
10	204	-.253	.063	-.011	-.515
10	205	-.324	.068	-.075	-.600
10	206	-.400	.085	-.119	-.786
10	207	-.392	.082	-.114	-.701
10	208	-.395	.081	-.102	-.694
10	209	-.387	.082	-.127	-.731
10	210	-.382	.078	.012	-.823
10	211	-.376	.103	.002	-.950
10	212	-.382	.106	-.015	-1.015
10	213	-.352	.102	-.054	-1.194
10	214	-.368	.071	-.010	-.641
10	215	-.375	.077	-.046	-.733
10	216	-.401	.088	-.046	-.958
10	217	-.374	.062	-.093	-.582
10	218	-.374	.074	-.124	-.764
10	219	-.412	.060	-.201	-.651
10	220	-.440	.179	.062	-1.161
10	221	-.279	.227	.354	-1.101
10	222	-.013	.100	.300	-.685
10	223	-.097	.062	.145	-.294
10	224	-.194	.052	.029	-.369
10	225	-.295	.065	-.120	-.685
10	226	-.388	.051	-.209	-.571
10	227	-.405	.051	-.255	-.582
10	228	-.409	.057	-.241	-.650
10	229	-.384	.054	-.231	-.651
10	230	-.379	.032	-.294	-.481
10	231	-.385	.048	-.227	-.551
10	232	-.413	.050	-.257	-.586
10	233	-.385	.050	-.169	-.656
10	234	-.379	.050	-.210	-.646
10	235	-.392	.057	-.196	-.653
10	236	-.421	.063	-.215	-.709
10	237	-.366	.056	-.173	-.618
10	238	-.378	.192	.293	-1.128
10	239	-.249	.232	.391	-1.002
10	240	-.051	.104	.306	-.620
10	241	-.085	.061	.206	-.296
10	242	-.181	.056	.056	-.355
10	243	-.234	.056	-.017	-.451
10	244	-.364	.071	-.114	-.747
10	245	-.353	.074	-.125	-.820
10	246	-.375	.074	-.094	-.724
10	247	-.398	.069	-.179	-.771
10	248	-.398	.067	-.090	-.812
10	249	-.384	.061	-.194	-.644
10	250	-.409	.061	-.217	-.665
10	251	-.426	.062	-.174	-.672
10	252	-.429	.063	-.166	-.649
10	253	-.422	.074	-.079	-.783

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	254	-.453	.084	-.189	-.839
10	255	-.434	.077	-.184	-.924
10	256	-.376	.185	.372	-1.132
10	257	-.159	.215	.338	-1.037
10	258	-.030	.086	.294	-.516
10	259	-.112	.065	.166	-.339
10	260	-.209	.066	.026	-.423
10	261	-.252	.069	-.004	-.538
10	262	-.376	.087	-.078	-.680
10	263	-.401	.098	-.104	-.871
10	264	-.423	.098	-.115	-.824
10	265	-.460	.097	-.160	-.800
10	266	-.471	.102	-.138	-.997
10	267	-.450	.090	-.076	-.980
10	268	-.431	.080	-.150	-.888
10	269	-.470	.088	-.119	-.994
10	270	-.463	.094	-.008	-.831
10	271	-.435	.095	-.109	-.780
10	272	-.391	.088	-.001	-.728
10	273	-.441	.098	-.126	-.820
10	274	-.325	.153	.194	-.934
10	275	-.151	.129	.199	-.790
10	276	-.130	.068	.232	-.505
10	277	-.173	.054	.034	-.334
10	278	-.280	.058	-.066	-.512
10	279	-.379	.081	-.116	-.744
10	280	-.600	.167	-.142	-1.468
10	281	-.543	.111	-.216	-1.082
10	282	-.637	.135	-.286	-1.499
10	283	-.632	.135	-.315	-1.383
10	284	-.606	.126	-.248	-1.369
10	285	-.514	.104	-.244	-.996
10	286	-.586	.116	-.160	-1.272
10	287	-.518	.118	-.118	-1.102
10	288	-.423	.111	-.069	-.947
10	289	-.357	.105	.006	-.836
10	290	-.238	.105	.154	-.784
10	291	-.165	.090	.186	-.845
10	292	-.136	.099	.202	-.736
10	293	-.163	.074	.161	-.505
10	294	-.344	.233	.092	-1.825
10	295	-.190	.075	.148	-.505
10	296	-.163	.094	.148	-.639
10	297	-.084	.093	.347	-.512
10	298	-.054	.090	.273	-.433
10	299	-.056	.092	.438	-.361
10	300	.007	.077	.396	-.234
10	301	-.048	.068	.271	-.272
10	302	-.103	.103	.411	-.385
10	303	-.391	.065	-.169	-.704

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	304	-.550	.099	-.183	-1.107
10	305	-.523	.106	-.141	-1.040
10	306	-.611	.129	-.194	-1.208
10	307	-.686	.161	-.150	-1.372
10	308	-.443	.108	-.098	-.980
10	309	-.103	.108	.326	-.680
10	310	-.078	.111	.302	-.697
10	311	.071	.111	.547	-.248
10	312	-.707	.141	-.289	-1.365
10	313	-.427	.079	-.179	-.750
10	314	-.417	.076	-.186	-.689
10	315	-.165	.105	.218	-.493
10	316	-.166	.137	.425	-.627
10	320	-.279	.051	-.078	-.518
10	321	-.357	.064	-.142	-.622
10	322	-.388	.062	-.164	-.655
10	323	-.389	.066	-.177	-.660
10	400	-.342	.083	-.009	-.661
10	401	-.345	.090	.005	-.651
10	402	-.388	.087	-.067	-1.029
10	403	-.395	.081	-.108	-.704
10	404	-.392	.080	-.104	-.693
10	405	-.384	.103	-.108	-1.104
10	406	-.388	.098	-.149	-1.034
10	407	-.386	.103	-.097	-.911
10	408	-.419	.129	.020	-.936
10	409	-.436	.135	.124	-1.039
10	410	-.474	.148	.037	-1.234
10	411	-.542	.179	-.072	-1.432
10	412	-.582	.191	-.200	-1.527
10	413	-.632	.268	-.195	-1.977
10	414	-.380	.060	-.196	-.669
10	415	-.385	.060	-.196	-.658
10	416	-.375	.060	-.192	-.576
10	417	-.368	.066	-.119	-.598
10	418	-.364	.065	-.113	-.578
10	419	-.367	.074	-.102	-.648
10	420	-.369	.056	-.149	-.620
10	421	-.369	.055	-.185	-.581
10	422	-.375	.055	-.162	-.602
10	423	-.382	.055	-.134	-.594
10	424	-.370	.055	-.159	-.600
10	425	-.368	.054	-.117	-.603
10	426	-.372	.054	-.154	-.644
10	427	-.381	.056	-.144	-.671
10	428	-.389	.062	-.144	-.784
10	429	-.429	.089	-.190	-1.222
10	430	-.456	.104	-.123	-1.070
10	431	-.462	.113	-.114	-1.027
10	432	-.490	.134	-.084	-1.160

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	433	-.484	.126	-.117	-1.024
10	434	-.491	.123	-.162	-1.084
10	435	-.539	.143	-.149	-1.318
10	436	-.537	.151	-.113	-1.366
10	437	-.548	.154	-.132	-1.465
10	438	-.359	.075	-.086	-.747
10	439	-.373	.070	-.159	-.807
10	440	-.380	.069	-.040	-.784
10	441	-.377	.068	-.139	-.779
10	442	-.386	.066	-.052	-.725
10	443	-.398	.064	-.142	-.710
10	444	-.414	.063	-.120	-.654
10	445	-.422	.070	-.119	-.741
10	446	-.457	.085	-.152	-.901
10	447	-.515	.121	-.159	-1.583
10	448	-.486	.120	-.081	-1.180
10	449	-.526	.136	-.087	-1.227
10	450	-.527	.134	-.061	-1.131
10	451	-.530	.128	-.043	-1.064
10	452	-.564	.139	-.057	-1.194
10	453	-.592	.151	-.112	-1.212
10	454	-.622	.159	-.154	-1.283
10	455	-.649	.166	-.156	-1.519
10	456	-.440	.108	.030	-.883
10	457	-.441	.096	-.147	-.826
10	458	-.440	.099	.007	-.938
10	459	-.445	.095	-.020	-.903
10	460	-.442	.092	.124	-.868
10	461	-.421	.090	.034	-.774
10	462	-.417	.088	.024	-.747
10	463	-.421	.088	.056	-.747
10	464	-.446	.102	-.056	-.917
10	465	-.509	.126	-.133	-1.159
10	466	-.501	.118	-.133	-1.050
10	467	-.506	.151	-.055	-2.019
10	468	-.547	.145	-.025	-1.159
10	469	-.539	.136	-.037	-1.221
10	470	-.597	.141	-.188	-1.259
10	471	-.631	.188	-.132	-1.607
10	472	-.659	.193	-.089	-1.591
10	473	-.674	.191	-.056	-1.657
10	474	-.627	.123	-.197	-1.102
10	475	-.591	.113	-.317	-1.015
10	476	-.602	.127	-.247	-1.305
10	477	-.598	.118	-.281	-1.303
10	478	-.581	.121	.049	-1.069
10	479	-.501	.113	.009	-1.024
10	480	-.366	.108	.017	-.845
10	481	-.317	.101	.014	-.745
10	482	-.254	.090	.075	-.598

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	483	-.234	.123	.086	-.968
10	484	-.345	.170	.113	-1.203
10	485	-.266	.154	.128	-1.149
10	486	-.291	.155	.147	-1.192
10	487	-.286	.137	.123	-.916
10	488	-.356	.142	.108	-1.015
10	489	-.515	.172	-.078	-1.320
10	490	-.682	.238	-.082	-1.837
10	491	-.643	.229	-.059	-1.521
10	492	-.513	.100	-.205	-1.012
10	493	-.479	.100	-.110	-.987
10	494	-.460	.138	-.039	-1.040
10	495	-.351	.137	-.010	-1.233
10	496	-.328	.123	.000	-.936
10	497	-.327	.121	.068	-1.034
10	498	-.344	.117	-.024	-.984
10	499	-.430	.128	-.020	-.930
10	500	-.456	.144	-.120	-1.273
10	501	-.440	.149	-.114	-1.093
10	502	-.443	.157	-.085	-1.120
10	510	-.384	.086	-.127	-.945
10	511	-.369	.091	-.112	-.827
10	512	-.398	.097	-.111	-1.036
10	513	-.419	.105	-.100	-.999
10	600	-.435	.140	-.022	-.947
10	601	-.297	.088	.003	-.704
10	602	-.256	.089	.111	-.965
10	603	-.325	.162	.131	-1.198
10	604	-.547	.240	.040	-1.655
10	605	-.807	.208	-.047	-1.642
10	606	-.918	.346	-.310	-2.646
10	607	-.463	.116	-.137	-1.047
10	608	-.371	.141	.019	-1.057
10	609	-.357	.217	.210	-1.246
10	610	-.558	.288	.187	-1.529
10	611	-.730	.214	.074	-1.578
10	612	-.712	.149	-.151	-1.251
10	613	-.694	.151	-.200	-1.557
10	614	-.525	.129	-.040	-1.079
10	615	-.420	.148	.206	-1.112
10	616	-.365	.220	.179	-1.304
10	617	-.455	.271	.147	-1.571
10	618	-.656	.263	.142	-1.786
10	619	-.728	.184	-.065	-1.907
10	620	-.703	.171	-.204	-1.475
10	621	-.505	.136	-.005	-1.103
10	622	-.369	.113	.052	-.923
10	623	-.289	.154	.133	-1.059
10	624	-.344	.244	.257	-1.386
10	625	-.547	.292	.257	-1.706
10	626	-.672	.232	.186	-2.018
10	627	-.681	.203	-.181	-1.904
10	628	-.458	.136	-.129	-1.111
10	629	-.313	.083	-.075	-.697
10	630	-.170	.055	.047	-.455
10	631	-.125	.066	.210	-.556
10	632	-.211	.170	.425	-1.360
10	633	-.395	.332	.077	-2.553
10	634	-.616	.272	-.061	-2.220
10	635	-.233	.063	-.058	-.455
10	636	-.200	.051	-.036	-.400
10	637	-.214	.056	-.067	-.433
10	638	-.220	.063	-.032	-.453
10	639	-.183	.048	-.030	-.364
10	640	-.176	.039	-.055	-.294
10	641	-.136	.039	.013	-.270
10	642	-.135	.042	.019	-.282
10	643	-.099	.036	.036	-.226
10	644	-.100	.036	.022	-.246
10	645	-.090	.039	.066	-.235
10	646	-.067	.041	.137	-.221
10	647	-.054	.045	.163	-.245
10	648	-.137	.106	.184	-.736
10	650	-.930	.279	-.282	-2.430
10	651	-.878	.270	-.281	-2.359
10	900	-.652	.137	-.164	-1.298
10	901	-.468	.142	.033	-1.109
10	902	-.447	.146	-.111	-1.008
10	903	-.422	.141	-.042	-1.071
10	904	-.685	.128	-.296	-1.265
10	905	-.648	.143	-.264	-1.291
10	906	-.371	.142	.180	-.874
10	907	-.234	.117	.400	-.748
10	908	-.542	.105	-.218	-1.036
10	909	-.276	.115	.152	-.812
10	910	-.158	.153	.520	-.697
10	911	-.296	.123	.060	-.852
10	912	-.627	.143	-.206	-1.473
10	913	-.058	.108	.575	-.378
10	914	-.414	.058	-.172	-.656
10	915	-.419	.065	-.164	-.737
10	916	-.006	.112	.469	-.304
10	917	-.548	.170	.022	-1.559
10	918	-.536	.216	.488	-1.403
10	919	-.002	.138	.586	-.360
10	920	-.564	.192	.012	-1.433
20	100	.261	.144	.768	-.239
20	101	.204	.142	.704	-.261
20	102	.162	.124	.531	-.220
20	103	.115	.111	.509	-.256
20	104	.078	.103	.394	-.263
20	105	.003	.091	.321	-.282
20	106	-.157	.085	.142	-.482
20	107	.335	.132	.843	-.078
20	108	.517	.136	.930	.060
20	109	.547	.141	.899	.153
20	110	.475	.134	.863	.077
20	111	.356	.120	.739	-.032
20	112	.095	.101	.492	-.183
20	113	-.219	.106	.131	-.567
20	114	.276	.139	.769	-.144
20	115	.418	.142	.898	.032
20	116	.429	.136	.855	.063
20	117	.379	.125	.788	.007
20	118	.298	.115	.711	-.021
20	119	.040	.102	.533	-.278
20	120	-.197	.109	.319	-.583
20	121	.171	.132	.687	-.255
20	122	.339	.138	.856	-.028
20	123	.340	.132	.895	.004
20	124	.305	.118	.816	-.010
20	125	.227	.104	.656	-.080
20	126	.038	.102	.414	-.237
20	127	-.171	.111	.266	-.575
20	128	.044	.085	.399	-.380
20	129	.120	.076	.471	-.099
20	130	.120	.065	.379	-.066
20	131	.099	.066	.395	-.099
20	132	.036	.063	.331	-.188
20	133	-.075	.066	.224	-.305
20	134	-.199	.085	.141	-.563
20	135	.022	.061	.276	-.358
20	136	.078	.069	.384	-.190
20	137	.125	.074	.444	-.121
20	138	.174	.084	.526	-.034
20	139	.141	.083	.457	-.071
20	140	-.025	.067	.326	-.305
20	141	-.020	.063	.314	-.339
20	142	-.047	.057	.233	-.282
20	143	-.033	.076	.272	-.277
20	144	-.123	.054	.097	-.365
20	145	-.246	.054	.072	-.539
20	150	.333	.147	.820	-.134
20	151	.405	.153	.885	-.095
20	200	-.781	.194	-.260	-1.694
20	201	-.530	.175	-.048	-1.160
20	202	-.321	.082	-.045	-.783
20	203	-.281	.059	-.019	-.580
20	204	-.312	.064	-.076	-.590
20	205	-.352	.066	-.087	-.590

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	206	-.386	.081	-.103	-.705
20	207	-.385	.083	-.076	-.694
20	208	-.352	.082	-.035	-.715
20	209	-.385	.083	-.139	-.765
20	210	-.382	.076	-.096	-.664
20	211	-.386	.088	-.112	-.889
20	212	-.353	.090	-.069	-.811
20	213	-.368	.086	-.053	-.894
20	214	-.384	.070	-.140	-.805
20	215	-.386	.080	-.131	-.735
20	216	-.373	.085	-.108	-.779
20	217	-.380	.064	-.156	-.641
20	218	-.395	.079	-.132	-.836
20	219	-.392	.056	-.240	-.568
20	220	-.703	.163	-.245	-1.420
20	221	-.688	.212	.073	-1.439
20	222	-.359	.228	.074	-1.181
20	223	-.230	.069	-.046	-.895
20	224	-.286	.051	-.119	-.715
20	225	-.358	.048	-.194	-.649
20	226	-.409	.057	-.238	-.636
20	227	-.421	.056	-.177	-.713
20	228	-.363	.055	-.189	-.583
20	229	-.381	.052	-.241	-.583
20	230	-.388	.041	-.288	-.533
20	231	-.388	.049	-.231	-.606
20	232	-.367	.048	-.209	-.586
20	233	-.384	.048	-.205	-.600
20	234	-.393	.049	-.203	-.623
20	235	-.396	.049	-.219	-.585
20	236	-.380	.052	-.204	-.571
20	237	-.381	.052	-.175	-.574
20	238	-.692	.181	-.084	-1.430
20	239	-.656	.229	.142	-1.433
20	240	-.350	.227	.057	-1.342
20	241	-.216	.084	.000	-.834
20	242	-.271	.062	-.066	-.679
20	243	-.299	.060	-.061	-.584
20	244	-.388	.075	-.139	-.691
20	245	-.379	.081	-.098	-.848
20	246	-.393	.080	-.106	-.840
20	247	-.410	.070	-.147	-.831
20	248	-.402	.070	-.185	-.824
20	249	-.393	.063	-.192	-.747
20	250	-.416	.062	-.200	-.751
20	251	-.442	.064	-.216	-.706
20	252	-.434	.065	-.177	-.698
20	253	-.438	.073	-.145	-.693
20	254	-.476	.081	-.210	-.782
20	255	-.481	.088	-.103	-1.006
20	256	-.646	.191	-.035	-1.605
20	257	-.540	.246	.089	-1.398
20	258	-.248	.165	.068	-1.144
20	259	-.208	.065	.014	-.657
20	260	-.261	.057	-.071	-.556
20	261	-.290	.067	-.048	-.595
20	262	-.386	.084	-.112	-.709
20	263	-.370	.084	-.127	-.785
20	264	-.388	.082	-.078	-.763
20	265	-.426	.081	-.218	-.762
20	266	-.427	.083	-.182	-.824
20	267	-.411	.076	-.110	-.740
20	268	-.423	.075	-.120	-.738
20	269	-.437	.073	-.130	-.733
20	270	-.427	.077	-.056	-.790
20	271	-.428	.087	-.115	-.921
20	272	-.436	.093	-.161	-.893
20	273	-.483	.109	-.145	-1.134
20	274	-.513	.169	-.054	-1.221
20	275	-.346	.187	.038	-1.175
20	276	-.213	.087	.096	-.723
20	277	-.219	.050	-.020	-.466
20	278	-.292	.053	-.090	-.490
20	279	-.406	.075	-.188	-.767
20	280	-.588	.151	-.278	-1.592
20	281	-.549	.103	-.252	-1.043
20	282	-.559	.109	-.262	-1.725
20	283	-.568	.115	-.294	-1.589
20	284	-.545	.104	-.214	-1.276
20	285	-.513	.093	-.149	-.900
20	286	-.523	.098	-.196	-.995
20	287	-.464	.098	.113	-.870
20	288	-.380	.097	.078	-.773
20	289	-.349	.096	-.030	-.750
20	290	-.230	.082	.144	-.625
20	291	-.187	.073	.079	-.490
20	292	-.148	.074	.158	-.460
20	293	-.188	.061	.043	-.431
20	294	-.361	.188	.076	-1.566
20	295	-.220	.068	.009	-.483
20	296	-.191	.072	.047	-.559
20	297	-.207	.099	.168	-.700
20	298	-.161	.069	.100	-.429
20	299	-.163	.075	.215	-.473
20	300	-.074	.066	.292	-.308
20	301	-.107	.061	.158	-.287
20	302	-.177	.086	.197	-.464
20	303	-.399	.062	-.191	-.647
20	304	-.551	.103	-.279	-1.037
20	305	-.526	.109	-.239	-.963
20	306	-.606	.124	-.296	-1.104
20	307	-.665	.132	-.335	-1.332
20	308	-.439	.088	-.133	-.809
20	309	-.175	.110	.240	-.789
20	310	-.122	.074	.137	-.490
20	311	-.035	.080	.386	-.303
20	312	-.706	.141	-.284	-1.431
20	313	-.435	.076	-.218	-.804
20	314	-.424	.076	-.202	-.713
20	315	-.238	.088	.097	-.540
20	316	-.184	.124	.389	-.724
20	320	-.330	.048	-.166	-.525
20	321	-.359	.061	-.133	-.586
20	322	-.393	.066	-.168	-.677
20	323	-.395	.062	-.154	-.662
20	400	-.398	.087	-.083	-.763
20	401	-.371	.089	-.056	-.721
20	402	-.398	.088	-.084	-1.065
20	403	-.393	.091	-.120	-.935
20	404	-.418	.086	-.134	-.852
20	405	-.399	.081	-.159	-1.043
20	406	-.417	.076	-.179	-.795
20	407	-.385	.069	-.159	-.796
20	408	-.419	.099	-.084	-.916
20	409	-.451	.098	-.147	-.966
20	410	-.433	.095	-.171	-1.022
20	411	-.443	.107	-.181	-1.009
20	412	-.416	.073	-.172	-.925
20	413	-.446	.075	-.205	-1.080
20	414	-.395	.053	-.202	-.623
20	415	-.393	.053	-.184	-.634
20	416	-.382	.058	-.156	-.631
20	417	-.412	.066	-.157	-.720
20	418	-.382	.062	-.141	-.667
20	419	-.388	.075	-.152	-.801
20	420	-.388	.054	-.211	-.631
20	421	-.421	.055	-.241	-.662
20	422	-.395	.053	-.195	-.601
20	423	-.395	.053	-.216	-.597
20	424	-.390	.052	-.196	-.591
20	425	-.423	.053	-.218	-.634
20	426	-.398	.051	-.202	-.614
20	427	-.403	.052	-.223	-.642
20	428	-.401	.052	-.232	-.837
20	429	-.476	.072	-.233	-.908
20	430	-.500	.102	-.210	-1.134
20	431	-.474	.092	-.096	-.955
20	432	-.506	.122	-.110	-1.169
20	433	-.528	.109	-.165	-1.067
20	434	-.497	.093	-.241	-1.016

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	435	-.473	.089	-.255	-1.011
20	436	-.451	.082	-.251	-.935
20	437	-.481	.081	-.289	-.961
20	438	-.388	.075	-.141	-.699
20	439	-.394	.073	-.113	-.698
20	440	-.394	.067	-.139	-.732
20	441	-.427	.068	-.165	-.738
20	442	-.408	.063	-.136	-.650
20	443	-.416	.063	-.145	-.644
20	444	-.435	.067	-.189	-.691
20	445	-.484	.074	-.210	-.768
20	446	-.490	.083	-.168	-.862
20	447	-.558	.125	-.079	-1.261
20	448	-.594	.159	-.114	-1.569
20	449	-.638	.162	-.177	-1.438
20	450	-.636	.167	-.136	-1.521
20	451	-.632	.151	-.147	-1.334
20	452	-.637	.129	-.208	-1.252
20	453	-.665	.122	-.276	-1.308
20	454	-.621	.117	-.244	-1.234
20	455	-.616	.118	-.225	-1.388
20	456	-.387	.095	-.057	-.717
20	457	-.436	.084	-.109	-.788
20	458	-.408	.086	-.056	-.757
20	459	-.408	.083	-.066	-.810
20	460	-.406	.080	-.024	-.681
20	461	-.435	.079	-.005	-.735
20	462	-.415	.080	.031	-.760
20	463	-.428	.086	-.054	-.842
20	464	-.459	.109	-.107	-1.080
20	465	-.521	.125	-.125	-1.078
20	466	-.602	.148	-.144	-1.232
20	467	-.609	.149	.038	-1.261
20	468	-.640	.179	-.112	-1.312
20	469	-.592	.169	-.009	-1.364
20	470	-.669	.177	-.101	-1.428
20	471	-.703	.142	-.139	-1.519
20	472	-.729	.137	-.154	-1.673
20	473	-.707	.144	-.259	-1.358
20	474	-.530	.117	-.235	-1.153
20	475	-.545	.112	-.253	-1.114
20	476	-.555	.121	-.193	-1.579
20	477	-.534	.102	-.164	-1.091
20	478	-.464	.103	.134	-1.021
20	479	-.431	.102	.027	-.798
20	480	-.315	.095	.059	-.644
20	481	-.272	.086	.033	-.602
20	482	-.224	.082	.036	-.608
20	483	-.224	.108	.063	-.687
20	484	-.240	.121	.138	-1.149

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	485	-.206	.116	.123	-1.641
20	486	-.192	.102	.112	-.776
20	487	-.228	.103	.066	-.747
20	488	-.304	.127	.106	-.899
20	489	-.539	.186	-.067	-1.322
20	490	-.701	.212	-.133	-1.601
20	491	-.718	.211	-.147	-1.625
20	492	-.501	.090	-.241	-.921
20	493	-.494	.090	-.186	-.855
20	494	-.472	.111	-.114	-1.144
20	495	-.214	.090	.017	-.688
20	496	-.239	.092	.034	-.684
20	497	-.218	.085	.013	-.664
20	498	-.216	.085	.076	-.609
20	499	-.246	.106	.083	-.698
20	500	-.413	.141	.054	-1.010
20	501	-.476	.150	-.140	-1.278
20	502	-.447	.121	-.112	-1.132
20	510	-.407	.069	-.217	-.804
20	511	-.385	.066	-.196	-.853
20	512	-.409	.063	-.195	-1.023
20	513	-.432	.071	-.159	-.879
20	600	-.319	.071	-.123	-.715
20	601	-.233	.053	-.061	-.465
20	602	-.198	.056	.029	-.515
20	603	-.192	.071	.080	-.783
20	604	-.203	.137	.235	-1.114
20	605	-.576	.237	.162	-1.696
20	606	-.641	.167	.179	-1.917
20	607	-.369	.059	-.194	-.660
20	608	-.247	.057	-.025	-.580
20	609	-.114	.069	.193	-.758
20	610	-.066	.127	.229	-.984
20	611	-.175	.267	.270	-1.278
20	612	-.419	.204	.413	-1.210
20	613	-.411	.180	.348	-1.178
20	614	-.482	.085	-.125	-.832
20	615	-.323	.070	-.022	-.715
20	616	-.150	.072	.134	-.604
20	617	-.108	.136	.222	-1.111
20	618	-.181	.257	.310	-1.387
20	619	-.412	.240	.431	-1.515
20	620	-.408	.195	.263	-1.402
20	621	-.539	.096	-.198	-.854
20	622	-.347	.077	-.085	-.655
20	623	-.184	.075	.134	-.595
20	624	-.115	.120	.210	-.974
20	625	-.188	.224	.259	-1.533
20	626	-.349	.246	.350	-1.619
20	627	-.379	.202	.416	-1.304

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	628	-.495	.125	-.135	-.996
20	629	-.314	.075	-.097	-.621
20	630	-.155	.047	.040	-.371
20	631	-.105	.053	.081	-.382
20	632	-.124	.100	.112	-.737
20	633	-.254	.190	.174	-1.435
20	634	-.324	.173	.260	-1.389
20	635	-.206	.052	-.022	-.392
20	636	-.186	.053	.031	-.402
20	637	-.231	.062	-.028	-.469
20	638	-.239	.060	-.063	-.424
20	639	-.182	.049	-.025	-.358
20	640	-.183	.038	-.050	-.335
20	641	-.158	.040	.000	-.279
20	642	-.126	.042	.049	-.270
20	643	-.079	.037	.058	-.199
20	644	-.077	.035	.091	-.196
20	645	-.082	.041	.114	-.223
20	646	-.033	.043	.212	-.168
20	647	-.011	.045	.235	-.164
20	648	-.039	.067	.248	-.447
20	650	-.486	.263	.320	-1.334
20	651	-.492	.180	.344	-1.304
20	900	-.984	.291	-.278	-2.550
20	901	-.548	.092	-.159	-.878
20	902	-.479	.148	.054	-1.054
20	903	-.334	.127	-.035	-.918
20	904	-.971	.225	-.422	-2.107
20	905	-.698	.170	-.142	-1.370
20	906	-.235	.053	-.032	-.828
20	907	-.178	.064	.105	-.447
20	908	-.552	.098	-.257	-1.032
20	909	-.213	.051	.008	-.413
20	910	-.066	.084	.271	-.362
20	911	-.200	.087	.033	-.613
20	912	-.643	.118	-.227	-1.173
20	913	-.168	.082	-.276	-.527
20	914	-.409	.055	-.236	-.609
20	915	-.422	.064	-.214	-.714
20	916	-.112	.091	.333	-.374
20	917	-.507	.180	.034	-1.219
20	918	-.448	.190	.318	-1.205
20	919	-.129	.111	.581	-.441
20	920	-.482	.181	.093	-1.207
30	100	.283	.153	.721	-.336
30	101	.074	.132	.572	-.378
30	102	.012	.119	.398	-.379
30	103	-.028	.103	.333	-.372
30	104	-.067	.092	.286	-.380
30	105	-.173	.082	.189	-.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	106	-.386	.083	-.048	-.730
30	107	.499	.144	1.006	.076
30	108	.497	.143	.923	.102
30	109	.416	.140	.844	.038
30	110	.290	.127	.712	-.030
30	111	.140	.109	.510	-.163
30	112	-.157	.086	.162	-.483
30	113	-.462	.085	-.120	-.824
30	114	.415	.159	.947	-.325
30	115	.387	.148	.900	.009
30	116	.339	.136	.802	-.015
30	117	.240	.117	.656	-.094
30	118	.102	.111	.453	-.204
30	119	-.202	.089	.207	-.488
30	120	-.451	.099	-.070	-.784
30	121	.268	.160	.837	-.244
30	122	.262	.144	.736	-.211
30	123	.219	.136	.667	-.112
30	124	.154	.118	.534	-.132
30	125	.054	.102	.422	-.218
30	126	-.206	.086	.149	-.527
30	127	-.445	.099	.024	-.864
30	128	.049	.079	.452	-.621
30	129	.046	.064	.476	-.156
30	130	.028	.054	.346	-.170
30	131	-.008	.057	.217	-.169
30	132	-.095	.057	.098	-.290
30	133	-.225	.069	.069	-.506
30	134	-.371	.092	-.008	-.848
30	135	.063	.064	.382	-.129
30	136	.049	.056	.311	-.139
30	137	.030	.077	.364	-.276
30	138	.057	.078	.448	-.141
30	139	.040	.085	.378	-.150
30	140	-.136	.056	.143	-.396
30	141	-.146	.069	.124	-.444
30	142	-.174	.068	.076	-.464
30	143	-.166	.075	.191	-.372
30	144	-.186	.060	.135	-.394
30	145	-.269	.072	-.059	-.600
30	150	.432	.159	.887	-.083
30	151	.352	.148	.755	-.126
30	200	-1.122	.264	-.389	-1.956
30	201	-.697	.182	-.241	-1.360
30	202	-.482	.128	-.165	-1.352
30	203	-.395	.108	-.100	-.994
30	204	-.379	.090	-.121	-.981
30	205	-.401	.087	-.113	-.886
30	206	-.427	.094	-.128	-.991
30	207	-.415	.088	-.143	-.762
30	208	-.381	.078	-.135	-.728
30	209	-.418	.082	-.116	-1.037
30	210	-.397	.055	-.223	-.684
30	211	-.404	.060	-.210	-.671
30	212	-.370	.067	-.125	-.723
30	213	-.393	.070	-.142	-.843
30	214	-.410	.056	-.248	-.616
30	215	-.405	.057	-.177	-.755
30	216	-.382	.059	-.191	-.750
30	217	-.399	.055	-.239	-.708
30	218	-.414	.061	-.194	-.801
30	219	-.422	.057	-.268	-.683
30	220	-.907	.150	-.452	-1.614
30	221	-.955	.156	-.488	-1.735
30	222	-.867	.214	-.065	-1.701
30	223	-.517	.202	-.139	-1.414
30	224	-.449	.147	-.038	-1.187
30	225	-.451	.107	-.072	-1.040
30	226	-.451	.092	-.113	-.981
30	227	-.451	.084	-.182	-1.019
30	228	-.392	.070	-.127	-.887
30	229	-.406	.057	-.241	-.652
30	230	-.412	.045	-.313	-.555
30	231	-.405	.054	-.239	-.576
30	232	-.377	.052	-.213	-.599
30	233	-.397	.051	-.224	-.604
30	234	-.405	.052	-.216	-.606
30	235	-.410	.051	-.217	-.607
30	236	-.385	.054	-.162	-.577
30	237	-.394	.057	-.190	-.607
30	238	-.909	.175	-.386	-2.027
30	239	-.932	.187	-.260	-1.937
30	240	-.831	.237	-.173	-1.639
30	241	-.539	.217	.055	-1.555
30	242	-.443	.157	.032	-1.296
30	243	-.406	.116	-.058	-1.342
30	244	-.450	.105	-.139	-1.058
30	245	-.449	.116	-.069	-1.044
30	246	-.431	.106	-.090	-1.154
30	247	-.428	.086	-.172	-1.011
30	248	-.437	.078	-.129	-.787
30	249	-.440	.068	-.149	-.739
30	250	-.437	.067	-.149	-.712
30	251	-.452	.074	-.187	-.789
30	252	-.460	.066	-.185	-.816
30	253	-.473	.075	-.172	-.913
30	254	-.481	.083	-.203	-.979
30	255	-.474	.090	-.217	-1.000
30	256	-.885	.180	-.253	-1.724
30	257	-.822	.227	-.105	-1.721
30	258	-.599	.260	.083	-1.631
30	259	-.374	.159	.059	-1.345
30	260	-.346	.107	.023	-1.070
30	261	-.339	.092	.055	-1.504
30	262	-.411	.102	-.079	-.950
30	263	-.415	.112	-.069	-1.001
30	264	-.400	.104	-.078	-1.065
30	265	-.419	.091	-.103	-.946
30	266	-.418	.079	-.127	-.760
30	267	-.422	.074	-.033	-.744
30	268	-.428	.077	-.128	-.765
30	269	-.435	.079	-.167	-.845
30	270	-.457	.095	-.143	-.879
30	271	-.504	.116	-.028	-1.077
30	272	-.490	.116	-.087	-.982
30	273	-.538	.133	-.162	-1.146
30	274	-.708	.195	-.262	-2.023
30	275	-.642	.208	-.076	-1.704
30	276	-.338	.134	-.013	-1.062
30	277	-.299	.082	-.068	-.887
30	278	-.335	.064	-.056	-.673
30	279	-.398	.072	-.177	-.777
30	280	-.533	.134	-.174	-1.596
30	281	-.513	.111	-.162	-1.056
30	282	-.498	.098	-.152	-1.053
30	283	-.525	.104	-.243	-1.501
30	284	-.526	.097	-.162	-1.192
30	285	-.480	.092	-.181	-.821
30	286	-.452	.089	-.088	-.944
30	287	-.421	.085	-.011	-.758
30	288	-.375	.086	-.008	-.704
30	289	-.337	.088	.143	-.784
30	290	-.253	.075	.075	-.581
30	291	-.218	.070	-.006	-.589
30	292	-.207	.070	.027	-.547
30	293	-.201	.060	.010	-.466
30	294	-.275	.143	.159	-1.307
30	295	-.264	.065	.038	-.516
30	296	-.267	.067	-.013	-.593
30	297	-.312	.112	.037	-.869
30	298	-.329	.096	-.016	-.749
30	299	-.348	.106	.002	-.802
30	300	-.248	.089	.095	-.623
30	301	-.220	.073	.104	-.510
30	302	-.247	.070	.033	-.519
30	303	-.415	.072	-.189	-.712
30	304	-.567	.112	-.233	-1.024
30	305	-.555	.113	-.227	-1.092
30	306	-.583	.122	-.218	-1.164
30	307	-.618	.133	-.259	-1.252

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	308	-.420	.079	-.167	-.735
30	309	-.270	.114	.105	-.870
30	310	-.208	.077	.050	-.620
30	311	-.135	.079	.294	-.406
30	312	-.727	.195	-.331	-1.689
30	313	-.503	.090	-.268	-1.107
30	314	-.455	.081	-.228	-.848
30	315	-.341	.081	-.028	-.620
30	316	-.272	.111	.187	-.672
30	320	-.397	.059	-.177	-.763
30	321	-.398	.068	-.150	-1.021
30	322	-.425	.075	-.160	-.937
30	323	-.431	.063	-.179	-.669
30	400	-.425	.088	-.156	-1.002
30	401	-.406	.101	-.103	-1.218
30	402	-.432	.138	-.041	-1.244
30	403	-.391	.060	-.195	-.774
30	404	-.412	.056	-.242	-.648
30	405	-.427	.080	-.102	-.834
30	406	-.446	.085	-.184	-.842
30	407	-.406	.074	-.166	-.937
30	408	-.434	.092	-.146	-.907
30	409	-.466	.089	-.171	-1.202
30	410	-.474	.092	-.178	-1.014
30	411	-.499	.110	-.244	-1.108
30	412	-.503	.120	-.232	-1.089
30	413	-.543	.159	-.242	-1.546
30	414	-.405	.056	-.234	-.650
30	415	-.400	.054	-.239	-.604
30	416	-.400	.054	-.252	-.653
30	417	-.425	.058	-.263	-.744
30	418	-.403	.055	-.231	-.713
30	419	-.403	.058	-.239	-.821
30	420	-.408	.062	-.232	-.673
30	421	-.434	.061	-.252	-.671
30	422	-.415	.055	-.219	-.635
30	423	-.412	.053	-.267	-.635
30	424	-.397	.053	-.242	-.619
30	425	-.422	.054	-.265	-.648
30	426	-.403	.053	-.249	-.613
30	427	-.404	.053	-.237	-.627
30	428	-.405	.056	-.190	-.658
30	429	-.466	.079	-.171	-1.017
30	430	-.512	.117	-.160	-1.059
30	431	-.480	.115	-.048	-1.017
30	432	-.512	.146	-.008	-1.330
30	433	-.532	.128	.016	-1.124
30	434	-.568	.131	-.199	-1.381
30	435	-.520	.116	-.257	-1.319
30	436	-.491	.100	-.256	-1.054
30	437	-.510	.098	-.252	-1.054
30	438	-.412	.084	-.068	-.934
30	439	-.412	.082	-.144	-.947
30	440	-.408	.076	-.042	-.816
30	441	-.436	.074	-.166	-.804
30	442	-.425	.069	-.153	-.703
30	443	-.431	.068	-.106	-.700
30	444	-.429	.067	-.217	-.788
30	445	-.463	.072	-.234	-.827
30	446	-.457	.081	-.173	-.791
30	447	-.506	.130	-.083	-1.420
30	448	-.585	.177	-.038	-1.373
30	449	-.612	.178	-.091	-1.447
30	450	-.633	.195	.022	-1.559
30	451	-.636	.176	.058	-1.382
30	452	-.662	.153	-.143	-1.375
30	453	-.706	.125	-.296	-1.379
30	454	-.676	.116	-.291	-1.258
30	455	-.665	.115	-.325	-1.261
30	456	-.380	.094	-.010	-.889
30	457	-.420	.090	.026	-.942
30	458	-.401	.088	-.013	-.886
30	459	-.399	.082	-.104	-.816
30	460	-.399	.083	-.064	-.776
30	461	-.430	.082	-.065	-.749
30	462	-.438	.095	-.138	-.874
30	463	-.459	.104	-.139	-.977
30	464	-.520	.135	-.105	-1.182
30	465	-.546	.154	-.061	-1.184
30	466	-.640	.173	-.066	-1.816
30	467	-.614	.172	-.091	-1.303
30	468	-.587	.169	-.110	-1.293
30	469	-.574	.182	-.062	-1.277
30	470	-.636	.206	-.156	-1.471
30	471	-.704	.179	-.188	-1.534
30	472	-.788	.156	-.323	-1.625
30	473	-.771	.142	-.385	-1.565
30	474	-.475	.108	-.047	-1.206
30	475	-.512	.102	-.200	-1.194
30	476	-.513	.104	-.045	-1.155
30	477	-.477	.089	-.077	-.879
30	478	-.402	.088	-.003	-.740
30	479	-.386	.086	.027	-.792
30	480	-.310	.078	.021	-.606
30	481	-.274	.077	.033	-.655
30	482	-.231	.081	-.013	-.794
30	483	-.221	.091	.034	-.790
30	484	-.258	.094	.041	-.642
30	485	-.225	.101	.064	-.886
30	486	-.180	.077	.100	-.638
30	487	-.197	.074	.080	-.698
30	488	-.236	.100	.087	-.884
30	489	-.420	.178	-.026	-1.385
30	490	-.589	.213	-.157	-1.909
30	491	-.608	.206	-.217	-1.544
30	492	-.487	.088	-.199	-.879
30	493	-.479	.088	-.208	-.860
30	494	-.466	.100	-.134	-.932
30	495	-.217	.087	.051	-.613
30	496	-.247	.091	-.036	-.688
30	497	-.190	.066	.079	-.472
30	498	-.168	.071	.122	-.480
30	499	-.152	.085	.268	-.472
30	500	-.301	.123	.170	-.872
30	501	-.437	.153	-.033	-1.303
30	502	-.411	.131	-.105	-1.127
30	510	-.434	.069	-.189	-.724
30	511	-.425	.077	-.183	-.779
30	512	-.450	.078	-.169	-.861
30	513	-.476	.086	-.050	-.879
30	600	-.331	.073	-.091	-.736
30	601	-.220	.067	.055	-.544
30	602	-.172	.069	.096	-.448
30	603	-.171	.072	.119	-.585
30	604	-.130	.083	.150	-.499
30	605	-.127	.132	.189	-.946
30	606	-.211	.261	.390	-1.144
30	607	-.360	.068	-.168	-.659
30	608	-.190	.066	.047	-.425
30	609	-.020	.071	.293	-.228
30	610	.084	.081	.368	-.171
30	611	.178	.097	.508	-.388
30	612	.175	.234	.663	-.898
30	613	.063	.237	.842	-.793
30	614	-.476	.080	.213	-.864
30	615	-.272	.067	-.003	-.477
30	616	-.053	.066	.269	-.239
30	617	.065	.081	.340	-.203
30	618	.151	.099	.488	-.346
30	619	.140	.220	.643	-.706
30	620	.091	.239	.742	-.621
30	621	-.527	.102	-.177	-1.044
30	622	-.290	.075	.008	-.548
30	623	-.093	.070	.259	-.310
30	624	.013	.074	.330	-.259
30	625	.080	.088	.440	-.272
30	626	.090	.174	.563	-.738
30	627	.006	.208	.667	-1.260
30	628	-.423	.112	-.176	-.918
30	629	-.260	.065	-.072	-.520

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	630	-.117	.042	.076	-.337
30	631	-.061	.046	.130	-.235
30	632	-.017	.060	.247	-.280
30	633	.025	.101	.373	-.724
30	634	-.022	.138	.543	-.660
30	635	-.171	.054	.040	-.459
30	636	-.136	.057	.167	-.353
30	637	-.163	.060	.065	-.382
30	638	-.189	.053	.080	-.394
30	639	-.132	.046	.085	-.297
30	640	-.150	.037	-.018	-.316
30	641	-.106	.043	.065	-.302
30	642	-.074	.049	.155	-.259
30	643	-.036	.043	.158	-.192
30	644	-.030	.050	.157	-.168
30	645	-.033	.059	.248	-.187
30	646	.008	.061	.304	-.151
30	647	.040	.064	.312	-.114
30	648	.058	.071	.345	-.237
30	650	.081	.207	.480	-1.066
30	651	-.018	.269	.656	-1.024
30	900	-1.728	.407	-.369	-2.931
30	901	-.651	.088	-.347	-1.038
30	902	-.427	.142	.048	-1.030
30	903	-.228	.105	.169	-.702
30	904	-1.564	.322	-.629	-2.670
30	905	-.319	.088	-.048	-.988
30	906	-.332	.134	-.058	-1.031
30	907	-.203	.102	.133	-.586
30	908	-.656	.106	-.313	-1.170
30	909	-.240	.056	.028	-.558
30	910	-.102	.126	.300	-.612
30	911	-.199	.068	.060	-.520
30	912	-.744	.158	-.213	-1.369
30	913	-.288	.096	.136	-.688
30	914	-.427	.054	-.275	-.765
30	915	-.436	.060	-.238	-.930
30	916	-.220	.098	.230	-.516
30	917	-.416	.150	.050	-1.210
30	918	-.448	.136	.030	-.923
30	919	-.212	.089	.219	-.583
30	920	-.381	.153	.017	-1.281
40	100	.142	.193	.675	-.852
40	101	-.088	.128	.309	-.545
40	102	-.106	.105	.278	-.445
40	103	-.130	.093	.257	-.420
40	104	-.160	.085	.244	-.410
40	105	-.235	.077	.087	-.470
40	106	-.363	.092	-.020	-.707
40	107	.394	.215	.975	-.725
40	108	.352	.149	.801	-.816
40	109	.295	.129	.694	-.121
40	110	.168	.110	.486	-.186
40	111	.031	.094	.310	-.270
40	112	-.191	.082	.052	-.509
40	113	-.387	.095	-.145	-.772
40	114	.265	.218	.821	-.705
40	115	.280	.133	.693	-.343
40	116	.219	.115	.634	-.081
40	117	.119	.097	.551	-.160
40	118	-.024	.097	.352	-.271
40	119	-.260	.091	.097	-.585
40	120	-.437	.113	-.103	-.918
40	121	.128	.211	.779	-.550
40	122	.148	.145	.701	-.639
40	123	.102	.121	.579	-.235
40	124	.024	.103	.469	-.234
40	125	-.075	.088	.308	-.307
40	126	-.290	.085	.031	-.583
40	127	-.476	.109	-.147	-.905
40	128	.003	.112	.360	-.753
40	129	-.010	.065	.307	-.296
40	130	-.016	.053	.237	-.177
40	131	-.091	.046	.129	-.227
40	132	-.192	.044	.007	-.357
40	133	-.339	.060	-.110	-.577
40	134	-.472	.086	-.205	-.892
40	135	.099	.077	.687	-.105
40	136	.050	.063	.346	-.118
40	137	-.046	.069	.236	-.358
40	138	-.012	.052	.299	-.226
40	139	-.071	.049	.218	-.182
40	140	-.234	.042	-.037	-.389
40	141	-.291	.057	.014	-.563
40	142	-.329	.062	-.065	-.581
40	143	-.318	.063	.043	-.587
40	144	-.267	.058	-.025	-.531
40	145	-.251	.074	-.020	-.532
40	150	.309	.217	.879	-.783
40	151	.200	.147	.684	-.321
40	200	-.647	.215	-.288	-2.048
40	201	-.657	.168	-.309	-1.379
40	202	-.597	.125	-.196	-1.309
40	203	-.525	.107	-.206	-1.004
40	204	-.492	.113	.151	-.942
40	205	-.477	.108	-.108	-1.103
40	206	-.458	.091	-.152	-.922
40	207	-.468	.086	-.187	-.963
40	208	-.434	.091	-.159	-.972
40	209	-.463	.109	-.131	-1.220
40	210	-.436	.060	-.271	-.655
40	211	-.447	.062	-.247	-.736
40	212	-.423	.094	-.120	-1.220
40	213	-.453	.095	-.169	-1.304
40	214	-.440	.058	-.249	-.662
40	215	-.454	.057	-.252	-.680
40	216	-.423	.062	-.227	-.719
40	217	-.442	.054	-.258	-.678
40	218	-.454	.059	-.244	-.684
40	219	-.463	.064	-.288	-.956
40	220	-.571	.147	-.271	-1.274
40	221	-.610	.154	-.311	-1.354
40	222	-.630	.157	-.303	-1.377
40	223	-.655	.162	-.009	-1.406
40	224	-.615	.165	.019	-1.369
40	225	-.577	.170	.019	-1.411
40	226	-.528	.130	-.113	-1.064
40	227	-.538	.126	-.118	-1.265
40	228	-.447	.085	-.115	-.777
40	229	-.448	.063	-.231	-.714
40	230	-.448	.050	-.320	-.623
40	231	-.450	.055	-.283	-.659
40	232	-.413	.054	-.266	-.621
40	233	-.436	.057	-.258	-.656
40	234	-.440	.059	-.278	-.667
40	235	-.448	.064	-.261	-.695
40	236	-.413	.068	-.186	-.685
40	237	-.425	.071	-.202	-.765
40	238	-.657	.175	-.287	-1.589
40	239	-.673	.180	-.310	-1.632
40	240	-.711	.171	-.274	-1.515
40	241	-.666	.169	-.158	-1.490
40	242	-.603	.165	-.044	-1.438
40	243	-.606	.181	.046	-1.400
40	244	-.563	.138	-.179	-1.236
40	245	-.566	.165	-.153	-1.518
40	246	-.525	.138	-.136	-1.322
40	247	-.496	.096	-.231	-1.169
40	248	-.487	.082	-.238	-.919
40	249	-.480	.075	-.293	-.928
40	250	-.478	.075	-.228	-.818
40	251	-.485	.078	-.271	-.855
40	252	-.483	.074	-.282	-.807
40	253	-.485	.079	-.290	-1.033
40	254	-.484	.085	-.245	-.850
40	255	-.483	.087	-.153	-.872
40	256	-.759	.197	-.206	-1.830
40	257	-.782	.214	-.286	-1.832
40	258	-.745	.191	-.217	-1.594
40	259	-.631	.185	-.126	-1.560

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	260	-.561	.182	-.019	-1.329
40	261	-.482	.182	.090	-1.478
40	262	-.501	.158	-.011	-1.350
40	263	-.533	.184	-.041	-1.760
40	264	-.489	.142	.018	-1.354
40	265	-.471	.106	-.109	-1.134
40	266	-.474	.103	-.164	-1.080
40	267	-.486	.101	-.145	-.987
40	268	-.484	.107	-.012	-1.132
40	269	-.529	.127	-.191	-1.349
40	270	-.537	.129	-.211	-1.244
40	271	-.557	.135	-.237	-1.127
40	272	-.551	.143	-.212	-1.371
40	273	-.562	.146	-.216	-1.439
40	274	-.743	.176	-.323	-1.498
40	275	-.744	.171	-.318	-1.571
40	276	-.569	.177	-.098	-1.273
40	277	-.497	.162	-.116	-1.154
40	278	-.439	.138	-.033	-1.075
40	279	-.421	.112	.264	-1.109
40	280	-.499	.142	-.057	-1.296
40	281	-.474	.125	-.119	-1.135
40	282	-.471	.131	-.054	-1.027
40	283	-.494	.122	-.030	-1.100
40	284	-.491	.124	-.028	-1.170
40	285	-.443	.096	-.029	-.969
40	286	-.418	.105	.146	-.922
40	287	-.402	.105	.099	-.850
40	288	-.387	.105	.114	-.898
40	289	-.372	.098	.054	-.904
40	290	-.385	.133	.273	-1.034
40	291	-.361	.124	-.050	-1.016
40	292	-.363	.124	.022	-.954
40	293	-.278	.093	-.019	-.811
40	294	-.288	.169	.153	-1.242
40	295	-.321	.077	-.062	-.855
40	296	-.336	.094	-.117	-.999
40	297	-.416	.155	.008	-1.198
40	298	-.530	.099	-.126	-1.002
40	299	-.553	.116	-.157	-1.041
40	300	-.416	.093	-.028	-.783
40	301	-.344	.076	.030	-.622
40	302	-.306	.069	-.028	-.570
40	303	-.470	.106	-.186	-.947
40	304	-.574	.170	-.223	-1.366
40	305	-.550	.157	-.191	-1.274
40	306	-.562	.164	-.196	-1.339
40	307	-.590	.169	-.238	-1.514
40	308	-.430	.102	-.146	-1.088
40	309	-.429	.117	-.111	-1.122
40	310	-.332	.099	-.045	-1.036
40	311	-.202	.084	.310	-.509
40	312	-.633	.174	-.310	-1.523
40	313	-.530	.122	-.231	-1.119
40	314	-.493	.119	-.130	-1.031
40	315	-.447	.106	-.183	-1.027
40	316	-.422	.119	.028	-1.031
40	320	-.488	.096	-.092	-.898
40	321	-.447	.085	-.125	-1.023
40	322	-.474	.085	-.202	-.913
40	323	-.460	.071	-.218	-.754
40	400	-.480	.117	-.151	-1.246
40	401	-.463	.122	-.117	-1.417
40	402	-.447	.071	-.191	-.997
40	403	-.436	.058	-.283	-.643
40	404	-.451	.058	-.297	-.654
40	405	-.464	.091	-.199	-.959
40	406	-.477	.091	-.216	-1.008
40	407	-.474	.095	-.234	-.959
40	408	-.444	.100	-.139	-.909
40	409	-.484	.118	-.161	-1.014
40	410	-.537	.149	-.129	-1.253
40	411	-.650	.167	-.104	-1.339
40	412	-.797	.184	-.311	-1.654
40	413	-1.041	.288	-.399	-2.226
40	414	-.453	.059	-.271	-.724
40	415	-.449	.056	-.277	-.680
40	416	-.435	.056	-.266	-.800
40	417	-.452	.058	-.289	-.756
40	418	-.438	.057	-.281	-.749
40	419	-.437	.062	-.251	-.720
40	420	-.448	.072	-.231	-.785
40	421	-.463	.068	-.260	-.761
40	422	-.451	.063	-.276	-.737
40	423	-.447	.061	-.282	-.728
40	424	-.448	.057	-.281	-.671
40	425	-.466	.058	-.297	-.704
40	426	-.453	.060	-.304	-.724
40	427	-.453	.063	-.279	-.746
40	428	-.451	.071	-.239	-.790
40	429	-.487	.096	-.190	-1.006
40	430	-.514	.135	-.122	-1.139
40	431	-.517	.138	-.087	-1.245
40	432	-.558	.195	.082	-1.473
40	433	-.610	.200	.032	-1.501
40	434	-.679	.211	.143	-1.548
40	435	-.848	.193	-.294	-1.595
40	436	-.818	.184	-.390	-1.639
40	437	-.817	.180	-.375	-1.660
40	438	-.473	.089	-.213	-.876
40	439	-.467	.084	-.218	-.797
40	440	-.459	.078	-.226	-1.031
40	441	-.475	.074	-.292	-.902
40	442	-.463	.070	-.208	-.777
40	443	-.462	.071	-.246	-.769
40	444	-.486	.077	-.286	-.879
40	445	-.505	.080	-.297	-.886
40	446	-.494	.087	-.223	-.818
40	447	-.508	.123	-.043	-1.212
40	448	-.510	.159	.076	-1.343
40	449	-.564	.155	-.086	-1.152
40	450	-.572	.191	-.053	-1.372
40	451	-.592	.207	-.074	-1.428
40	452	-.696	.231	-.149	-1.542
40	453	-.879	.210	-.266	-1.963
40	454	-.904	.189	-.425	-1.832
40	455	-.882	.182	-.429	-1.646
40	456	-.427	.121	.094	-1.192
40	457	-.455	.114	-.080	-1.014
40	458	-.457	.106	-.099	-.921
40	459	-.459	.101	-.076	-.921
40	460	-.482	.108	-.137	-.969
40	461	-.513	.116	-.114	-.996
40	462	-.538	.128	-.165	-1.301
40	463	-.548	.132	-.175	-1.190
40	464	-.559	.138	-.216	-1.617
40	465	-.522	.159	-.130	-1.603
40	466	-.607	.185	-.173	-1.577
40	467	-.547	.162	-.191	-1.494
40	468	-.499	.125	-.068	-1.121
40	469	-.469	.137	-.046	-1.404
40	470	-.495	.188	-.121	-1.708
40	471	-.707	.280	-.033	-1.642
40	472	-.928	.227	-.128	-1.742
40	473	-.922	.200	-.307	-1.950
40	474	-.407	.133	.182	-1.011
40	475	-.472	.129	.008	-1.096
40	476	-.452	.133	.060	-1.141
40	477	-.435	.134	.180	-1.068
40	478	-.368	.114	.248	-.767
40	479	-.380	.102	.039	-.797
40	480	-.382	.118	-.081	-1.017
40	481	-.395	.139	-.070	-1.270
40	482	-.377	.150	-.078	-1.121
40	483	-.406	.166	.008	-1.115
40	484	-.399	.173	.087	-1.580
40	485	-.508	.235	.005	-1.672
40	486	-.315	.121	.058	-.926
40	487	-.268	.091	.066	-.664
40	488	-.240	.100	.208	-.874

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	489	-.399	.169	.122	-1.219
40	490	-.495	.156	-.044	-1.157
40	491	-.514	.140	-.142	-1.127
40	492	-.500	.126	-.176	-1.219
40	493	-.496	.115	-.226	-1.083
40	494	-.521	.131	-.261	-1.191
40	495	-.277	.122	.129	-.894
40	496	-.385	.143	.013	-1.091
40	497	-.230	.081	.038	-.568
40	498	-.179	.078	.091	-.496
40	499	-.119	.087	.194	-.485
40	500	-.279	.139	.184	-.859
40	501	-.446	.182	.108	-1.163
40	502	-.441	.170	-.017	-1.291
40	510	-.467	.078	-.212	-.867
40	511	-.458	.092	-.212	-1.083
40	512	-.497	.099	-.163	-1.056
40	513	-.458	.098	-.160	-.863
40	600	-.498	.103	-.153	-.840
40	601	-.266	.074	-.006	-.533
40	602	-.159	.077	.114	-.426
40	603	-.130	.090	.240	-.427
40	604	-.080	.097	.259	-.393
40	605	-.017	.123	.410	-.440
40	606	.116	.162	.605	-.609
40	607	-.516	.102	-.196	-.935
40	608	.243	.082	.068	-.562
40	609	.041	.086	.413	-.196
40	610	.186	.099	.532	-.089
40	611	.306	.115	.689	-.034
40	612	.417	.136	.881	-.072
40	613	.451	.162	.923	-.320
40	614	-.554	.111	-.257	-1.051
40	615	.265	.085	.016	-.580
40	616	.030	.078	.380	-.226
40	617	.165	.098	.505	-.103
40	618	.264	.107	.631	-.037
40	619	.344	.134	.791	-.177
40	620	.369	.159	.884	-.367
40	621	-.539	.137	-.098	-1.063
40	622	-.257	.090	.230	-.606
40	623	-.022	.073	.273	-.274
40	624	.102	.078	.393	-.129
40	625	.190	.106	.583	-.045
40	626	.266	.119	.763	-.393
40	627	.264	.144	.855	-.278
40	628	-.370	.093	-.108	-.834
40	629	-.233	.060	-.043	-.518
40	630	-.103	.040	.049	-.264
40	631	-.038	.040	.125	-.175

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	632	.045	.064	.361	-.179
40	633	.142	.101	.662	-.127
40	634	.128	.106	.688	-.345
40	635	-.192	.063	.004	-.631
40	636	-.105	.050	.089	-.417
40	637	-.123	.061	.118	-.357
40	638	-.164	.064	.104	-.410
40	639	-.115	.049	.104	-.292
40	640	-.158	.039	-.028	-.316
40	641	-.084	.049	.175	-.229
40	642	-.053	.059	.278	-.233
40	643	-.016	.050	.256	-.165
40	644	-.014	.053	.196	-.164
40	645	-.014	.058	.264	-.182
40	646	.019	.058	.316	-.144
40	647	.062	.064	.410	-.107
40	648	.096	.073	.543	-.102
40	650	.283	.135	.665	-.358
40	651	.353	.170	.812	-.803
40	900	-2.103	.397	-.777	-3.210
40	901	-.783	.113	-.426	-1.253
40	902	-.389	.180	.328	-1.154
40	903	-.137	.103	.170	-.626
40	904	-2.109	.360	-.881	-3.310
40	905	-.351	.040	-.184	-.508
40	906	-.703	.184	-.186	-1.356
40	907	-.366	.116	-.022	-1.295
40	908	-.703	.094	-.399	-1.090
40	909	-.324	.108	.090	-.824
40	910	-.259	.139	.253	-1.037
40	911	-.275	.093	.035	-.689
40	912	-.593	.199	-.117	-1.315
40	913	-.440	.091	-.090	-.819
40	914	-.465	.055	-.317	-.660
40	915	-.467	.057	-.321	-.668
40	916	-.353	.088	.056	-.701
40	917	-.356	.105	.067	-.882
40	918	-.342	.122	.059	-.884
40	919	-.270	.088	.209	-.639
40	920	-.241	.123	.231	-.893
50	100	-.280	.280	.508	-1.277
50	101	-.213	.104	.174	-.868
50	102	-.206	.088	.136	-.565
50	103	-.209	.076	.064	-.519
50	104	-.229	.068	-.010	-.477
50	105	-.263	.062	.001	-.479
50	106	-.338	.053	-.125	-.584
50	107	-.039	.284	.747	-.907
50	108	.122	.233	.586	-1.206
50	109	.120	.124	.536	-.807

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	110	.024	.092	.355	-.268
50	111	-.085	.075	.166	-.336
50	112	-.251	.055	-.060	-.441
50	113	-.382	.047	-.194	-.587
50	114	-.069	.281	.899	-1.026
50	115	.037	.244	.527	-.976
50	116	.060	.132	.395	-.942
50	117	-.012	.087	.269	-.613
50	118	-.118	.078	.195	-.435
50	119	-.290	.071	-.008	-.555
50	120	-.415	.077	-.191	-.735
50	121	-.164	.245	.597	-1.209
50	122	-.053	.196	.462	-.945
50	123	-.034	.117	.372	-.696
50	124	-.089	.076	.223	-.431
50	125	-.172	.066	.066	-.408
50	126	-.332	.069	-.065	-.636
50	127	-.447	.087	-.185	-.884
50	128	-.093	.159	.363	-.800
50	129	-.061	.068	.202	-.581
50	130	-.090	.050	.114	-.253
50	131	-.163	.045	.008	-.348
50	132	-.253	.044	-.091	-.419
50	133	-.383	.058	-.188	-.695
50	134	-.489	.081	-.256	-.956
50	135	.071	.080	.433	-.584
50	136	.025	.068	.352	-.365
50	137	-.085	.066	.190	-.405
50	138	-.061	.047	.140	-.222
50	139	-.123	.042	.051	-.231
50	140	-.288	.042	-.139	-.465
50	141	-.359	.054	-.138	-.612
50	142	-.407	.055	-.213	-.687
50	143	-.385	.063	-.159	-.634
50	144	-.307	.059	-.042	-.560
50	145	-.272	.073	.059	-.632
50	150	-.144	.296	.752	-1.037
50	151	.016	.145	.531	-1.004
50	200	-.458	.061	-.292	-.872
50	201	-.490	.065	-.320	-.960
50	202	-.496	.068	-.303	-.857
50	203	-.502	.065	-.262	-.792
50	204	-.510	.075	-.183	-1.075
50	205	-.513	.082	-.231	-.948
50	206	-.477	.063	-.230	-.884
50	207	-.483	.062	-.285	-.811
50	208	-.440	.063	-.220	-.704
50	209	-.503	.084	-.150	-1.204
50	210	-.476	.052	-.305	-.717
50	211	-.509	.092	-.281	-1.581

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	212	-.478	.086	-.227	-1.197
50	213	-.501	.073	-.237	-1.051
50	214	-.481	.053	-.312	-.734
50	215	-.490	.060	-.314	-.934
50	216	-.456	.060	-.289	-.742
50	217	-.472	.049	-.308	-.680
50	218	-.487	.059	-.312	-.746
50	219	-.501	.046	-.369	-.723
50	220	-.465	.053	-.314	-.752
50	221	-.495	.054	-.347	-.768
50	222	-.505	.058	-.332	-.876
50	223	-.545	.080	-.338	-1.154
50	224	-.574	.088	-.342	-1.200
50	225	-.571	.103	-.086	-1.298
50	226	-.544	.079	-.311	-1.056
50	227	-.557	.081	-.354	-1.170
50	228	-.464	.054	-.174	-.846
50	229	-.479	.045	-.261	-.723
50	230	-.485	.036	-.370	-.640
50	231	-.492	.040	-.345	-.673
50	232	-.453	.038	-.314	-.603
50	233	-.480	.040	-.332	-.617
50	234	-.486	.042	-.348	-.631
50	235	-.496	.047	-.364	-.721
50	236	-.455	.048	-.314	-.668
50	237	-.478	.051	-.324	-.706
50	238	-.536	.094	-.277	-1.089
50	239	-.549	.095	-.291	-1.101
50	240	-.559	.103	-.326	-1.646
50	241	-.575	.109	-.321	-1.417
50	242	-.574	.114	-.275	-1.604
50	243	-.635	.160	-.048	-1.639
50	244	-.561	.092	-.259	-1.066
50	245	-.578	.115	-.239	-1.221
50	246	-.540	.090	-.236	-1.173
50	247	-.516	.061	-.307	-.973
50	248	-.516	.057	-.331	-.827
50	249	-.521	.056	-.324	-.800
50	250	-.512	.057	-.333	-.769
50	251	-.515	.060	-.348	-.860
50	252	-.520	.058	-.336	-.834
50	253	-.527	.061	-.271	-.870
50	254	-.512	.060	-.260	-.757
50	255	-.535	.070	-.329	-1.032
50	256	-.571	.121	-.275	-1.514
50	257	-.577	.118	-.238	-1.313
50	258	-.599	.125	-.319	-1.467
50	259	-.604	.142	-.153	-1.511
50	260	-.606	.142	.118	-1.444
50	261	-.609	.199	.013	-1.611

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	262	-.612	.164	-.042	-1.468
50	263	-.599	.153	-.068	-1.748
50	264	-.546	.112	-.172	-1.146
50	265	-.526	.086	-.228	-1.165
50	266	-.542	.081	-.286	-.932
50	267	-.559	.089	-.226	-1.083
50	268	-.569	.119	.029	-1.064
50	269	-.579	.096	-.275	-1.014
50	270	-.589	.101	-.231	-1.054
50	271	-.610	.106	-.289	-1.194
50	272	-.633	.141	-.287	-1.358
50	273	-.604	.112	-.285	-1.368
50	274	-.633	.128	-.243	-1.263
50	275	-.646	.130	-.274	-1.322
50	276	-.693	.133	-.238	-1.341
50	277	-.624	.128	-.206	-1.297
50	278	-.578	.128	-.094	-1.119
50	279	-.536	.142	.066	-1.068
50	280	-.557	.138	-.027	-1.251
50	281	-.552	.135	-.048	-1.238
50	282	-.531	.126	-.041	-1.034
50	283	-.514	.125	-.077	-1.066
50	284	-.505	.126	-.031	-1.033
50	285	-.480	.103	.034	-.957
50	286	-.457	.104	-.026	-.990
50	287	-.446	.105	-.018	-.858
50	288	-.453	.112	-.017	-.948
50	289	-.414	.100	-.013	-1.020
50	290	-.467	.131	-.121	-1.063
50	291	-.474	.124	-.111	-.994
50	292	-.512	.137	-.153	-1.094
50	293	-.342	.099	-.094	-.895
50	294	-.329	.162	-.111	-1.124
50	295	-.394	.078	-.183	-.736
50	296	-.412	.096	-.161	-.855
50	297	-.483	.158	-.116	-1.136
50	298	-.648	.099	-.267	-1.024
50	299	-.658	.109	-.276	-1.200
50	300	-.524	.085	-.261	-.951
50	301	-.432	.061	-.202	-.681
50	302	-.399	.067	-.098	-.683
50	303	-.495	.099	-.248	-.897
50	304	-.580	.149	-.176	-1.332
50	305	-.562	.141	-.191	-1.211
50	306	-.568	.145	-.265	-1.518
50	307	-.645	.173	-.210	-1.487
50	308	-.484	.116	-.110	-1.096
50	309	-.489	.112	-.189	-1.082
50	310	-.433	.102	-.164	-.877
50	311	-.304	.090	.067	-.655

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	312	-.648	.155	-.311	-1.492
50	313	-.563	.133	-.153	-1.273
50	314	-.525	.117	-.207	-1.073
50	315	-.496	.099	-.194	-.961
50	316	-.484	.105	-.099	-.905
50	320	-.527	.076	-.237	-1.001
50	321	-.474	.063	-.247	-.716
50	322	-.500	.063	-.285	-1.008
50	323	-.502	.061	-.282	-.780
50	400	-.494	.086	-.122	-1.160
50	401	-.483	.084	-.201	-1.065
50	402	-.486	.067	-.263	-.862
50	403	-.479	.055	-.260	-.691
50	404	-.487	.054	-.289	-.779
50	405	-.521	.079	-.269	-.879
50	406	-.532	.089	-.236	-1.035
50	407	-.520	.081	-.250	-1.009
50	408	-.423	.070	-.207	-.858
50	409	-.429	.077	-.187	-.826
50	410	-.443	.105	-.137	-1.067
50	411	-.535	.138	-.186	-1.545
50	412	-.820	.213	-.202	-1.651
50	413	-1.228	.291	-.498	-2.286
50	414	-.498	.043	-.269	-.643
50	415	-.494	.043	-.329	-.670
50	416	-.492	.047	-.347	-.704
50	417	-.502	.052	-.315	-.771
50	418	-.495	.050	-.300	-.732
50	419	-.497	.055	-.342	-.704
50	420	-.491	.048	-.324	-.719
50	421	-.499	.047	-.339	-.709
50	422	-.499	.047	-.308	-.762
50	423	-.495	.047	-.334	-.742
50	424	-.487	.045	-.280	-.684
50	425	-.497	.045	-.344	-.659
50	426	-.492	.045	-.323	-.663
50	427	-.490	.046	-.321	-.665
50	428	-.484	.046	-.339	-.709
50	429	-.498	.054	-.305	-.750
50	430	-.522	.077	-.317	-.965
50	431	-.522	.085	-.227	-1.053
50	432	-.458	.103	-.038	-1.155
50	433	-.468	.133	-.172	-1.170
50	434	-.522	.206	-.142	-1.441
50	435	-.847	.281	-.133	-1.695
50	436	-1.036	.183	-.170	-1.766
50	437	-1.031	.166	-.508	-1.704
50	438	-.515	.063	-.224	-.780
50	439	-.506	.058	-.268	-.816
50	440	-.511	.055	-.305	-.886

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	441	-.521	.055	-.333	-.813
50	442	-.515	.057	-.353	-.788
50	443	-.515	.058	-.360	-.783
50	444	-.521	.058	-.337	-.843
50	445	-.532	.059	-.336	-.857
50	446	-.523	.060	-.282	-.874
50	447	-.518	.070	-.191	-.961
50	448	-.510	.090	-.212	-1.045
50	449	-.549	.088	-.281	-1.006
50	450	-.486	.097	-.214	-1.047
50	451	-.455	.129	-.163	-1.234
50	452	-.474	.184	-.130	-1.262
50	453	-.773	.299	-.117	-1.600
50	454	-1.018	.212	-.170	-1.857
50	455	-1.012	.187	-.377	-1.878
50	456	-.511	.097	.045	-.913
50	457	-.523	.082	-.237	-1.144
50	458	-.536	.085	-.224	-.889
50	459	-.537	.084	-.102	-.923
50	460	-.545	.089	-.267	-1.075
50	461	-.563	.089	-.187	-.993
50	462	-.576	.089	-.292	-.978
50	463	-.579	.092	-.344	-1.037
50	464	-.602	.103	-.338	-1.189
50	465	-.554	.127	-.222	-1.855
50	466	-.666	.183	-.226	-1.585
50	467	-.566	.120	-.254	-1.226
50	468	-.528	.111	-.243	-1.079
50	469	-.430	.084	-.112	-.974
50	470	-.382	.105	-.148	-1.225
50	471	-.496	.257	-.021	-1.484
50	472	-.837	.274	-.047	-1.901
50	473	-.906	.224	-.276	-1.973
50	474	-.408	.134	.228	-1.007
50	475	-.466	.127	.029	-1.087
50	476	-.449	.127	.098	-1.038
50	477	-.435	.118	.197	-.856
50	478	-.400	.111	.096	-.834
50	479	-.437	.112	.015	-.910
50	480	-.472	.136	-.163	-1.243
50	481	-.492	.150	-.117	-1.339
50	482	-.492	.139	-.082	-1.130
50	483	-.655	.186	-.160	-1.372
50	484	-.606	.211	.007	-1.482
50	485	-.844	.242	-.048	-1.783
50	486	-.447	.110	-.090	-.858
50	487	-.327	.080	-.035	-.639
50	488	-.226	.076	.071	-.691
50	489	-.273	.147	.074	-.996
50	490	-.385	.165	.069	-1.041

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	491	-.455	.133	-.064	-1.051
50	492	-.517	.120	-.170	-1.180
50	493	-.544	.118	-.254	-1.068
50	494	-.544	.126	-.212	-1.049
50	495	-.294	.126	.178	-.901
50	496	-.512	.140	-.093	-1.142
50	497	-.276	.072	-.028	-.609
50	498	-.190	.066	.062	-.442
50	499	-.074	.074	.248	-.451
50	500	-.155	.144	.247	-.847
50	501	-.282	.178	.177	-1.050
50	502	-.324	.161	.131	-1.096
50	510	-.518	.066	-.317	-.832
50	511	-.496	.072	-.270	-.936
50	512	-.528	.074	-.298	-1.013
50	513	-.445	.062	-.239	-.834
50	600	-.460	.106	-.051	-.854
50	601	-.211	.087	.141	-.531
50	602	-.096	.094	.250	-.443
50	603	-.077	.104	.280	-.498
50	604	-.008	.115	.371	-.479
50	605	.115	.132	.543	-.315
50	606	.251	.152	.763	-.288
50	607	-.498	.103	-.112	-.835
50	608	-.162	.093	.216	-.460
50	609	.140	.095	.452	-.191
50	610	.299	.112	.654	-.110
50	611	.413	.131	.804	-.019
50	612	.496	.154	.950	-.001
50	613	.495	.163	1.021	-.020
50	614	-.516	.121	-.144	-.918
50	615	-.193	.094	.185	-.524
50	616	.120	.090	.540	-.127
50	617	.255	.110	.659	-.013
50	618	.357	.135	.822	.005
50	619	.402	.159	.999	.035
50	620	.369	.173	.994	-.107
50	621	-.463	.148	.007	-1.058
50	622	-.160	.101	.286	-.507
50	623	.073	.090	.620	-.185
50	624	.183	.097	.739	-.050
50	625	.250	.115	.725	-.061
50	626	.300	.128	.969	-.001
50	627	.272	.150	.782	-.142
50	628	-.313	.089	-.003	-.657
50	629	-.195	.060	.050	-.426
50	630	-.085	.041	.104	-.248
50	631	-.022	.043	.125	-.154
50	632	.067	.067	.294	-.139
50	633	.173	.106	.590	-.088

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	634	.148	.108	.729	-.247
50	635	-.221	.080	.083	-.656
50	636	-.120	.081	.177	-.721
50	637	-.075	.064	.185	-.511
50	638	-.108	.066	.094	-.399
50	639	-.080	.048	.122	-.276
50	640	-.153	.042	.142	-.329
50	641	-.031	.065	.238	-.219
50	642	.015	.084	.388	-.206
50	643	.042	.074	.387	-.138
50	644	.048	.081	.361	-.175
50	645	.049	.088	.451	-.174
50	646	.055	.077	.462	-.158
50	647	.073	.073	.382	-.151
50	648	.083	.085	.558	-.257
50	650	.404	.156	.844	-.053
50	651	.457	.166	.908	-.043
50	900	1.774	.358	2.730	-2.857
50	901	.813	.114	.444	-1.324
50	902	.212	.202	.479	-.985
50	903	.092	.075	.222	-.551
50	904	2.077	.410	.445	-3.367
50	905	.374	.089	.065	-1.112
50	906	.869	.156	.382	-1.450
50	907	.534	.163	.036	-1.402
50	908	.674	.086	.384	-1.022
50	909	.527	.145	.049	-1.123
50	910	.473	.148	.009	-1.346
50	911	.306	.078	.051	-.617
50	912	.325	.098	.092	-1.047
50	913	.557	.088	.270	-.959
50	914	.506	.049	.348	-.681
50	915	.513	.055	.324	-.737
50	916	.477	.092	.138	-.812
50	917	.282	.101	.013	-.697
50	918	.257	.064	.044	-.659
50	919	.374	.082	.009	-.707
50	920	.153	.103	.186	-.546
60	100	.746	.207	.035	-1.588
60	101	.417	.260	.068	-1.688
60	102	.281	.094	.008	-1.038
60	103	.266	.061	.080	-.597
60	104	.273	.055	.062	-.581
60	105	.304	.049	.085	-.482
60	106	.361	.043	.188	-.513
60	107	.508	.204	.450	-1.433
60	108	.429	.309	.384	-1.393
60	109	.188	.267	.274	-1.319
60	110	.120	.113	.199	-1.041
60	111	.190	.065	.092	-.653

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	112	-.312	.047	-.086	-.562
60	113	-.405	.043	-.250	-.614
60	114	-.479	.192	.294	-1.328
60	115	-.420	.290	.317	-1.433
60	116	-.244	.257	.250	-1.431
60	117	-.163	.120	.117	-1.006
60	118	-.223	.069	-.009	-.709
60	119	-.342	.059	-.176	-.701
60	120	-.431	.065	-.267	-.788
60	121	-.489	.198	.186	-1.419
60	122	-.433	.252	.242	-1.581
60	123	-.277	.211	.134	-1.128
60	124	-.218	.103	.044	-.865
60	125	-.263	.065	-.017	-.690
60	126	-.365	.060	-.180	-.707
60	127	-.441	.068	-.222	-.877
60	128	-.297	.218	.452	-1.331
60	129	-.162	.094	.231	-.747
60	130	-.167	.057	.068	-.444
60	131	-.234	.045	-.099	-.549
60	132	-.307	.044	-.162	-.566
60	133	-.415	.059	-.255	-.714
60	134	-.501	.082	-.326	-1.044
60	135	-.039	.138	.372	-.704
60	136	-.053	.094	.346	-.391
60	137	-.132	.071	.148	-.502
60	138	-.116	.053	.061	-.331
60	139	-.156	.045	.051	-.294
60	140	-.319	.043	-.174	-.497
60	141	-.386	.058	-.116	-.656
60	142	-.430	.061	-.211	-.704
60	143	-.421	.065	-.129	-.679
60	144	-.333	.063	-.087	-.603
60	145	-.314	.070	-.098	-.650
60	150	-.664	.199	.313	-1.451
60	151	-.400	.333	.223	-1.593
60	200	-.425	.051	-.270	-.805
60	201	-.460	.053	-.312	-.841
60	202	-.465	.056	-.292	-.827
60	203	-.487	.065	-.257	-.906
60	204	-.492	.075	-.254	-.977
60	205	-.507	.076	-.268	-1.030
60	206	-.455	.062	-.260	-.732
60	207	-.465	.059	-.281	-.711
60	208	-.420	.068	-.188	-.942
60	209	-.504	.095	-.219	-1.027
60	210	-.481	.076	-.224	-.953
60	211	-.515	.094	-.209	-1.247
60	212	-.454	.077	-.210	-.742
60	213	-.490	.076	-.245	-.836
60	214	-.478	.067	-.226	-.841
60	215	-.498	.069	-.305	-.838
60	216	-.446	.061	-.258	-.677
60	217	-.472	.063	-.257	-.810
60	218	-.485	.063	-.277	-.774
60	219	-.510	.053	-.346	-.855
60	220	-.450	.059	-.309	-.877
60	221	-.484	.060	-.334	-.942
60	222	-.492	.062	-.330	-1.006
60	223	-.526	.061	-.374	-.882
60	224	-.550	.065	-.368	-.960
60	225	-.542	.074	-.348	-.974
60	226	-.529	.057	-.353	-.825
60	227	-.535	.059	-.354	-.861
60	228	-.448	.048	-.287	-.757
60	229	-.473	.042	-.319	-.670
60	230	-.484	.033	-.381	-.582
60	231	-.497	.042	-.346	-.673
60	232	-.444	.040	-.277	-.595
60	233	-.476	.040	-.353	-.639
60	234	-.482	.040	-.340	-.640
60	235	-.497	.042	-.363	-.665
60	236	-.442	.041	-.304	-.600
60	237	-.473	.044	-.322	-.645
60	238	-.516	.085	-.329	-1.024
60	239	-.524	.088	-.299	-1.141
60	240	-.542	.083	-.318	-1.073
60	241	-.505	.083	-.193	-1.026
60	242	-.550	.087	-.205	-1.085
60	243	-.589	.125	-.168	-1.424
60	244	-.550	.081	-.348	-1.085
60	245	-.513	.090	-.286	-1.286
60	246	-.531	.072	-.282	-1.166
60	247	-.508	.052	-.272	-.788
60	248	-.520	.051	-.367	-.770
60	249	-.476	.048	-.306	-.709
60	250	-.512	.051	-.339	-.758
60	251	-.505	.054	-.335	-.824
60	252	-.526	.057	-.348	-.853
60	253	-.482	.053	-.337	-.764
60	254	-.513	.052	-.359	-.770
60	255	-.529	.061	-.354	-.787
60	256	-.541	.098	-.277	-1.138
60	257	-.549	.099	-.294	-1.296
60	258	-.515	.099	-.188	-1.213
60	259	-.563	.113	-.085	-1.258
60	260	-.573	.124	-.078	-1.289
60	261	-.591	.162	-.059	-1.683
60	262	-.605	.140	-.100	-1.386
60	263	-.547	.118	-.197	-1.314
60	264	-.550	.088	-.258	-1.106
60	265	-.526	.072	-.272	-.819
60	266	-.539	.074	-.284	-.929
60	267	-.512	.077	-.269	-.942
60	268	-.566	.093	-.161	-1.234
60	269	-.572	.088	-.323	-1.088
60	270	-.585	.092	-.296	-1.064
60	271	-.551	.092	-.325	-1.057
60	272	-.635	.122	-.317	-1.302
60	273	-.584	.102	-.352	-1.160
60	274	-.611	.117	-.341	-1.348
60	275	-.573	.115	-.306	-1.274
60	276	-.655	.123	-.356	-1.442
60	277	-.593	.104	-.196	-1.196
60	278	-.595	.118	-.066	-1.327
60	279	-.565	.118	-.127	-1.220
60	280	-.562	.114	-.185	-1.039
60	281	-.545	.121	-.130	-1.270
60	282	-.539	.120	-.121	-1.021
60	283	-.518	.105	-.033	-1.166
60	284	-.459	.100	.040	-.942
60	285	-.453	.082	-.027	-.926
60	286	-.445	.091	.030	-.884
60	287	-.456	.097	-.036	-.917
60	288	-.414	.103	-.024	-.846
60	289	-.398	.091	.085	-.887
60	290	-.457	.118	-.018	-.963
60	291	-.514	.115	-.130	-1.019
60	292	-.521	.131	-.161	-1.129
60	293	-.354	.096	-.111	-.837
60	294	-.340	.149	.042	-1.040
60	295	-.382	.085	-.152	-.976
60	296	-.358	.102	-.073	-.918
60	297	-.450	.144	.049	-1.034
60	298	-.657	.104	-.265	-1.165
60	299	-.657	.110	-.353	-1.234
60	300	-.491	.081	-.241	-.856
60	301	-.454	.064	-.193	-.724
60	302	-.420	.064	-.188	-.678
60	303	-.479	.088	-.213	-.908
60	304	-.559	.130	-.216	-1.308
60	305	-.503	.118	-.217	-1.225
60	306	-.553	.123	-.289	-1.477
60	307	-.640	.156	-.163	-1.383
60	308	-.481	.102	-.133	-.889
60	309	-.423	.096	-.186	-.997
60	310	-.407	.093	-.157	-.929
60	311	-.294	.083	.038	-.649
60	312	-.626	.147	-.356	-1.306
60	313	-.541	.122	-.229	-1.225

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	314	-.510	.108	-.199	-1.185
60	315	-.433	.087	-.209	-.992
60	316	-.472	.094	-.190	-1.013
60	320	-.494	.064	-.310	-.887
60	321	-.449	.052	-.267	-.723
60	322	-.482	.055	-.305	-.774
60	323	-.496	.061	-.285	-.819
60	400	-.504	.101	-.176	-1.074
60	401	-.475	.104	-.145	-.984
60	402	-.484	.096	-.148	-.896
60	403	-.470	.080	-.198	-.807
60	404	-.488	.078	-.209	-.809
60	405	-.537	.084	-.254	-.970
60	406	-.549	.088	-.248	-.988
60	407	-.497	.076	-.260	-.775
60	408	-.394	.059	-.194	-.655
60	409	-.393	.059	-.187	-.662
60	410	-.371	.068	-.162	-.886
60	411	-.425	.097	-.178	-.973
60	412	-.657	.195	-.155	-1.467
60	413	-.941	.220	-.354	-1.951
60	414	-.472	.047	-.326	-.682
60	415	-.472	.047	-.294	-.655
60	416	-.476	.050	-.264	-.723
60	417	-.496	.055	-.286	-.822
60	418	-.474	.053	-.275	-.825
60	419	-.479	.058	-.277	-.783
60	420	-.471	.045	-.266	-.643
60	421	-.487	.045	-.217	-.657
60	422	-.474	.045	-.270	-.670
60	423	-.475	.043	-.334	-.659
60	424	-.458	.040	-.324	-.597
60	425	-.477	.040	-.339	-.624
60	426	-.457	.040	-.339	-.614
60	427	-.460	.040	-.336	-.588
60	428	-.466	.042	-.331	-.665
60	429	-.486	.043	-.342	-.710
60	430	-.510	.051	-.339	-.890
60	431	-.479	.052	-.301	-.899
60	432	-.369	.053	-.203	-.689
60	433	-.355	.062	-.179	-.802
60	434	-.344	.096	-.129	-1.110
60	435	-.491	.274	-.010	-1.314
60	436	-.847	.242	.104	-1.631
60	437	-.894	.182	.022	-1.585
60	438	-.486	.052	-.307	-.704
60	439	-.482	.050	-.309	-.687
60	440	-.497	.051	-.322	-.747
60	441	-.517	.051	-.334	-.787
60	442	-.496	.052	-.304	-.795
60	443	-.498	.052	-.314	-.768
60	444	-.494	.054	-.334	-.708
60	445	-.513	.055	-.365	-.896
60	446	-.488	.052	-.326	-.709
60	447	-.486	.054	-.301	-.746
60	448	-.500	.067	-.278	-.853
60	449	-.516	.061	-.337	-.832
60	450	-.402	.054	-.216	-.763
60	451	-.344	.060	-.119	-.980
60	452	-.311	.096	.065	-.996
60	453	-.481	.257	.144	-1.437
60	454	-.809	.243	.236	-1.664
60	455	-.845	.199	.010	-1.807
60	456	-.495	.087	-.075	-.819
60	457	-.518	.073	-.263	-.807
60	458	-.516	.077	-.194	-.903
60	459	-.524	.077	-.124	-.941
60	460	-.544	.081	-.227	-.955
60	461	-.572	.081	-.309	-.911
60	462	-.571	.085	-.334	-.955
60	463	-.578	.089	-.321	-.998
60	464	-.617	.094	-.392	-1.439
60	465	-.555	.119	-.287	-2.009
60	466	-.686	.182	-.266	-1.778
60	467	-.565	.114	-.200	-1.565
60	468	-.494	.091	-.193	-.934
60	469	-.398	.076	-.087	-.778
60	470	-.314	.076	.008	-.911
60	471	-.326	.181	.073	-1.209
60	472	-.636	.284	.120	-1.781
60	473	-.752	.230	-.003	-1.698
60	474	-.427	.114	.132	-1.009
60	475	-.485	.111	-.004	-.995
60	476	-.472	.105	-.011	-.890
60	477	-.455	.097	-.031	-.824
60	478	-.393	.096	-.031	-.870
60	479	-.427	.101	-.009	-.985
60	480	-.442	.125	-.016	-1.004
60	481	-.470	.128	.146	-1.088
60	482	-.508	.154	-.106	-1.493
60	483	-.738	.199	-.189	-1.615
60	484	-.664	.215	-.059	-2.020
60	485	-.893	.205	-.183	-1.727
60	486	-.439	.088	-.150	-.764
60	487	-.307	.064	-.093	-.548
60	488	-.184	.059	.103	-.415
60	489	-.150	.085	.108	-.701
60	490	-.202	.148	.226	-.788
60	491	-.334	.140	.140	-.923
60	492	-.499	.102	-.217	-1.057
60	493	-.523	.097	-.233	-1.116
60	494	-.490	.103	-.221	-1.054
60	495	-.255	.122	.199	-.655
60	496	-.520	.138	-.163	-1.045
60	497	-.267	.066	-.067	-.529
60	498	-.175	.055	.065	-.360
60	499	-.025	.059	.276	-.265
60	500	.006	.099	.311	-.574
60	501	-.056	.143	.328	-.708
60	502	-.132	.157	.350	-.901
60	510	-.517	.064	-.312	-.796
60	511	-.494	.066	-.264	-.776
60	512	-.523	.065	-.270	-.811
60	513	-.421	.051	-.248	-.661
60	600	-.321	.103	.023	-.661
60	601	-.097	.099	.242	-.507
60	602	.005	.106	.327	-.383
60	603	.008	.118	.434	-.479
60	604	.092	.127	.483	-.458
60	605	.211	.136	.645	-.273
60	606	.260	.149	.799	-.280
60	607	-.349	.109	.106	-.736
60	608	-.023	.099	.516	-.331
60	609	.275	.119	.754	-.078
60	610	.409	.135	.866	.026
60	611	.483	.150	.980	.059
60	612	.473	.163	.941	-.003
60	613	.363	.159	.838	-.122
60	614	-.319	.120	.038	-.766
60	615	-.025	.101	.438	-.302
60	616	.244	.112	.693	-.090
60	617	.339	.126	.796	.006
60	618	.413	.139	.914	.047
60	619	.393	.152	.900	-.107
60	620	.271	.160	.770	-.260
60	621	-.313	.146	.146	-.822
60	622	-.048	.101	.478	-.401
60	623	.151	.101	.532	-.135
60	624	.237	.114	.653	-.064
60	625	.270	.130	.781	-.052
60	626	.283	.144	.804	-.119
60	627	.176	.151	.763	-.308
60	628	-.202	.100	.163	-.564
60	629	-.121	.068	.174	-.354
60	630	-.065	.041	.110	-.194
60	631	-.025	.050	.170	-.208
60	632	.051	.083	.380	-.280
60	633	.144	.133	.733	-.252
60	634	.107	.140	.603	-.352
60	635	-.202	.080	.082	-.647

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	636	-.139	.104	.299	-.716
60	637	-.058	.081	.152	-.626
60	638	-.033	.052	.140	-.297
60	639	-.035	.042	.101	-.225
60	640	-.122	.055	.200	-.324
60	641	-.007	.067	.279	-.222
60	642	.081	.081	.420	-.145
60	643	.105	.076	.427	-.111
60	644	.135	.098	.512	-.140
60	645	.137	.113	.698	-.187
60	646	.120	.099	.513	-.169
60	647	.078	.087	.488	-.311
60	648	.034	.091	.514	-.261
60	650	.416	.153	.878	-.089
60	651	.386	.154	.848	-.119
60	900	-1.265	.273	-.543	-2.366
60	901	-.769	.107	-.456	-1.199
60	902	.026	.177	.776	-.968
60	903	-.061	.069	.305	-.488
60	904	-1.454	.401	-.251	-2.818
60	905	-.704	.211	-.100	-1.443
60	906	-.816	.131	-.246	-1.462
60	907	-.638	.194	-.067	-1.421
60	908	-.600	.080	-.227	-.903
60	909	-.576	.154	.151	-1.218
60	910	-.588	.178	-.001	-1.476
60	911	-.261	.067	-.046	-.534
60	912	-.302	.050	-.070	-.635
60	913	-.595	.094	-.260	-1.044
60	914	-.520	.059	-.308	-.754
60	915	-.532	.067	-.299	-.874
60	916	-.483	.094	-.195	-.950
60	917	-.228	.069	.043	-.592
60	918	-.254	.058	.058	-.575
60	919	-.403	.076	-.117	-.819
60	920	-.116	.084	.248	-.486
70	100	-1.045	.329	-.370	-3.679
70	101	-.882	.236	-.062	-2.036
70	102	-.541	.207	-.121	-1.548
70	103	-.354	.101	-.003	-1.058
70	104	-.319	.065	-.057	-1.000
70	105	-.342	.057	-.067	-.804
70	106	-.384	.060	-.106	-.742
70	107	-.841	.164	-.377	-1.463
70	108	-.869	.183	-.064	-1.633
70	109	-.786	.262	.047	-1.922
70	110	-.491	.289	.117	-1.483
70	111	-.354	.174	.037	-1.145
70	112	-.385	.103	-.078	-.985
70	113	-.461	.100	-.199	-.985
70	114	-.794	.174	-.214	-1.575
70	115	-.869	.202	.060	-2.000
70	116	-.790	.273	.157	-1.948
70	117	-.543	.284	.035	-1.523
70	118	-.422	.197	.031	-1.460
70	119	-.429	.124	-.042	-1.170
70	120	-.481	.107	-.135	-1.079
70	121	-.845	.221	-.215	-2.211
70	122	-.795	.276	.065	-1.940
70	123	-.635	.312	.038	-1.952
70	124	-.427	.222	.073	-1.510
70	125	-.374	.131	-.078	-1.066
70	126	-.436	.098	-.113	-1.031
70	127	-.491	.106	-.106	-1.030
70	128	-.597	.271	.052	-2.272
70	129	-.370	.218	.044	-1.853
70	130	-.284	.105	.037	-1.304
70	131	-.340	.058	-.053	-.762
70	132	-.359	.053	-.066	-.667
70	133	-.456	.072	-.215	-.768
70	134	-.538	.098	-.305	-.971
70	135	-.264	.167	.381	-1.003
70	136	-.180	.093	.228	-.544
70	137	-.238	.104	.101	-1.022
70	138	-.181	.056	.039	-.434
70	139	-.204	.040	-.027	-.382
70	140	-.339	.042	-.191	-.564
70	141	-.394	.050	-.224	-.608
70	142	-.419	.050	-.274	-.714
70	143	-.446	.057	-.201	-.669
70	144	-.357	.052	-.114	-.520
70	145	-.332	.058	-.116	-.558
70	150	-.983	.266	-.382	-2.856
70	151	-.938	.249	-.055	-2.063
70	200	-.418	.076	-.200	-.892
70	201	-.462	.079	-.242	-.853
70	202	-.490	.093	-.194	-.964
70	203	-.495	.108	-.198	-.971
70	204	-.496	.114	-.134	-1.357
70	205	-.519	.123	-.179	-1.188
70	206	-.462	.097	-.197	-1.008
70	207	-.473	.100	-.189	-1.133
70	208	-.407	.103	-.098	-1.061
70	209	-.491	.128	-.136	-1.508
70	210	-.483	.078	-.165	-.835
70	211	-.488	.087	-.162	-.843
70	212	-.413	.083	-.153	-.721
70	213	-.451	.078	-.158	-.762
70	214	-.467	.070	-.197	-.756
70	215	-.476	.068	-.220	-.831
70	216	-.411	.065	-.188	-.733
70	217	-.450	.065	-.199	-.781
70	218	-.476	.065	-.231	-.741
70	219	-.490	.062	-.285	-.732
70	220	-.472	.109	-.229	-1.044
70	221	-.513	.111	-.199	-1.183
70	222	-.526	.112	-.221	-1.115
70	223	-.547	.112	-.232	-1.137
70	224	-.560	.107	-.257	-1.215
70	225	-.541	.097	-.276	-1.074
70	226	-.528	.086	-.304	-.997
70	227	-.529	.082	-.343	-.983
70	228	-.415	.054	-.255	-.647
70	229	-.443	.048	-.238	-.690
70	230	-.463	.035	-.355	-.627
70	231	-.468	.044	-.319	-.696
70	232	-.401	.041	-.229	-.614
70	233	-.443	.041	-.257	-.620
70	234	-.460	.043	-.271	-.612
70	235	-.458	.041	-.292	-.633
70	236	-.390	.038	-.257	-.533
70	237	-.446	.042	-.301	-.613
70	238	-.545	.127	-.197	-1.286
70	239	-.556	.128	-.226	-1.392
70	240	-.547	.128	-.171	-1.399
70	241	-.488	.115	-.131	-1.349
70	242	-.531	.112	-.166	-1.170
70	243	-.563	.124	-.193	-1.554
70	244	-.515	.079	-.325	-.959
70	245	-.471	.082	-.266	-.916
70	246	-.500	.066	-.244	-.815
70	247	-.481	.051	-.280	-.688
70	248	-.497	.053	-.302	-.820
70	249	-.450	.051	-.286	-.769
70	250	-.493	.055	-.295	-.861
70	251	-.490	.058	-.323	-.768
70	252	-.496	.058	-.325	-.840
70	253	-.450	.058	-.303	-.834
70	254	-.485	.056	-.343	-.740
70	255	-.510	.058	-.328	-.768
70	256	-.569	.141	-.223	-1.559
70	257	-.572	.131	-.243	-1.229
70	258	-.519	.122	-.183	-1.199
70	259	-.554	.126	-.111	-1.233
70	260	-.553	.122	-.059	-1.270
70	261	-.524	.148	.040	-1.515
70	262	-.560	.122	-.191	-1.306
70	263	-.502	.114	-.148	-1.134
70	264	-.517	.092	-.151	-.918
70	265	-.493	.074	-.250	-.765

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	266	-.503	.074	-.260	-.946
70	267	-.475	.074	-.271	-.779
70	268	-.565	.094	-.244	-1.061
70	269	-.546	.084	-.321	-.901
70	270	-.578	.092	-.136	-.996
70	271	-.530	.089	-.271	-1.029
70	272	-.610	.108	-.306	-1.160
70	273	-.564	.096	-.286	-1.029
70	274	-.650	.136	-.295	-1.588
70	275	-.605	.133	-.281	-1.419
70	276	-.633	.131	-.271	-1.373
70	277	-.580	.119	-.233	-1.245
70	278	-.549	.110	-.174	-1.016
70	279	-.490	.110	-.141	-.973
70	280	-.504	.107	-.119	-1.038
70	281	-.495	.107	-.150	-1.071
70	282	-.498	.112	-.097	-1.059
70	283	-.461	.087	-.151	-.872
70	284	-.393	.077	.035	-.756
70	285	-.405	.070	-.081	-.691
70	286	-.373	.081	.003	-.788
70	287	-.376	.089	-.035	-.810
70	288	-.336	.093	-.035	-.723
70	289	-.347	.087	-.023	-.791
70	290	-.418	.114	.086	-1.059
70	291	-.517	.127	-.139	-1.211
70	292	-.520	.145	-.123	-1.384
70	293	-.316	.080	-.106	-.823
70	294	-.305	.111	.046	-.899
70	295	-.314	.065	-.134	-.609
70	296	-.287	.081	-.076	-.676
70	297	-.350	.104	-.083	-.843
70	298	-.546	.087	-.321	-.951
70	299	-.563	.100	-.255	-1.040
70	300	-.453	.076	-.226	-.784
70	301	-.433	.060	-.257	-.735
70	302	-.420	.056	-.256	-.686
70	303	-.419	.066	-.185	-.698
70	304	-.451	.099	-.087	-1.050
70	305	-.398	.094	-.043	-.999
70	306	-.446	.099	-.111	-1.155
70	307	-.548	.123	-.318	-1.164
70	308	-.402	.082	-.072	-.835
70	309	-.330	.064	-.115	-.657
70	310	-.320	.066	-.077	-.599
70	311	-.260	.068	-.038	-.571
70	312	-.492	.078	-.300	-.853
70	313	-.456	.071	-.142	-.755
70	314	-.436	.082	-.049	-.959
70	315	-.320	.083	-.076	-.946
70	316	-.368	.089	.015	-1.027
70	320	-.499	.093	-.213	-1.052
70	321	-.444	.075	-.184	-.837
70	322	-.167	.332	.230	-.841
70	323	-.490	.085	-.215	-1.217
70	400	-.455	.121	-.100	-1.135
70	401	-.437	.125	-.066	-1.133
70	402	-.451	.113	-.067	-1.072
70	403	-.461	.092	.012	-1.128
70	404	-.478	.088	-.087	-.986
70	405	-.496	.084	-.219	-.898
70	406	-.523	.086	-.223	-.908
70	407	-.472	.078	-.232	-.734
70	408	-.359	.062	-.116	-.581
70	409	-.338	.062	-.077	-.598
70	410	-.310	.065	-.029	-.646
70	411	-.310	.077	-.057	-.766
70	412	-.438	.195	.043	-1.099
70	413	-.723	.176	.017	-1.419
70	414	-.443	.050	-.219	-.669
70	415	-.442	.050	-.257	-.655
70	416	-.443	.054	-.237	-.656
70	417	-.453	.057	-.219	-.659
70	418	-.438	.054	-.231	-.632
70	419	-.440	.059	-.235	-.660
70	420	-.443	.049	-.211	-.700
70	421	-.448	.047	-.252	-.657
70	422	-.442	.046	-.263	-.614
70	423	-.441	.045	-.257	-.625
70	424	-.436	.042	-.283	-.593
70	425	-.447	.041	-.305	-.588
70	426	-.433	.041	-.305	-.592
70	427	-.434	.040	-.302	-.588
70	428	-.433	.038	-.295	-.588
70	429	-.443	.038	-.320	-.571
70	430	-.481	.045	-.315	-.633
70	431	-.442	.050	-.302	-.951
70	432	-.301	.042	-.138	-.443
70	433	-.261	.048	-.067	-.421
70	434	-.223	.061	.060	-.626
70	435	-.166	.138	.195	-1.033
70	436	-.514	.270	.222	-1.396
70	437	-.634	.207	.232	-1.315
70	438	-.464	.056	-.233	-.713
70	439	-.457	.053	-.227	-.677
70	440	-.471	.054	-.312	-.707
70	441	-.481	.052	-.322	-.730
70	442	-.469	.052	-.302	-.767
70	443	-.470	.052	-.324	-.729
70	444	-.471	.060	-.320	-.917
70	445	-.482	.063	-.340	-.988
70	446	-.464	.057	-.324	-.755
70	447	-.458	.055	-.279	-.704
70	448	-.480	.059	-.306	-.691
70	449	-.470	.056	-.285	-.849
70	450	-.340	.050	-.177	-.612
70	451	-.265	.055	-.067	-.556
70	452	-.182	.062	.055	-.392
70	453	-.156	.127	.179	-.864
70	454	-.411	.268	.224	-1.249
70	455	-.547	.214	.173	-1.368
70	456	-.469	.099	-.008	-.840
70	457	-.480	.085	-.052	-.778
70	458	-.489	.088	-.145	-.991
70	459	-.498	.084	-.230	-1.008
70	460	-.530	.086	-.206	-.961
70	461	-.550	.089	-.302	-1.004
70	462	-.552	.098	-.280	-1.005
70	463	-.552	.100	-.282	-.981
70	464	-.585	.097	-.305	-1.058
70	465	-.491	.115	-.164	-1.294
70	466	-.646	.155	-.221	-1.451
70	467	-.550	.115	-.197	-1.204
70	468	-.444	.083	-.182	-.809
70	469	-.326	.066	-.085	-.583
70	470	-.220	.067	.095	-.455
70	471	-.136	.098	.193	-.656
70	472	-.322	.248	.207	-1.206
70	473	-.510	.223	.145	-1.435
70	474	-.381	.099	.033	-.747
70	475	-.437	.093	-.019	-.817
70	476	-.443	.093	-.001	-.927
70	477	-.405	.087	.065	-.754
70	478	-.329	.097	.066	-.911
70	479	-.383	.108	.039	-.966
70	480	-.436	.131	.083	-1.030
70	481	-.460	.143	.041	-1.319
70	482	-.522	.187	-.138	-1.669
70	483	-.719	.198	-.161	-1.563
70	484	-.724	.211	-.158	-1.680
70	485	-.895	.194	-.268	-1.706
70	486	-.393	.078	-.117	-.790
70	487	-.264	.061	.000	-.529
70	488	-.141	.064	.221	-.464
70	489	-.076	.081	.268	-.549
70	490	-.065	.129	.392	-.626
70	491	-.189	.155	.402	-.786
70	492	-.387	.085	-.132	-.862
70	493	-.479	.084	-.260	-.815
70	494	-.377	.079	-.152	-.708

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	495	-.196	.128	.368	-.585
70	496	-.487	.120	-.173	-.983
70	497	-.245	.060	-.031	-.481
70	498	-.126	.060	.113	-.329
70	499	.044	.070	.380	-.179
70	500	.113	.090	.621	-.144
70	501	.092	.112	.590	-.355
70	502	-.006	.112	.456	-.597
70	510	-.475	.063	-.260	-.750
70	511	-.454	.063	-.244	-.730
70	512	-.481	.063	-.259	-.784
70	513	-.357	.050	-.170	-.539
70	600	-.162	.102	.209	-.502
70	601	.007	.112	.423	-.403
70	602	.097	.117	.483	-.337
70	603	.117	.122	.480	-.349
70	604	.174	.136	.659	-.359
70	605	.223	.144	.747	-.252
70	606	.157	.151	.726	-.405
70	607	-.098	.128	.353	-.544
70	608	.162	.121	.596	-.253
70	609	.401	.134	.787	.005
70	610	.498	.144	.902	.072
70	611	.515	.152	.944	.063
70	612	.393	.153	.838	-.034
70	613	.150	.153	.671	-.282
70	614	-.087	.140	.442	-.568
70	615	.140	.119	.626	-.252
70	616	.332	.122	.758	-.071
70	617	.412	.144	.893	.070
70	618	.421	.152	.972	.003
70	619	.316	.156	.887	-.157
70	620	.097	.154	.626	-.438
70	621	-.132	.144	.412	-.618
70	622	.078	.113	.580	-.231
70	623	.212	.118	.702	-.066
70	624	.252	.132	.774	-.054
70	625	.288	.145	.791	-.092
70	626	.180	.155	.758	-.220
70	627	.019	.159	.589	-.535
70	628	-.088	.103	.469	-.458
70	629	-.049	.073	.381	-.316
70	630	-.050	.046	.209	-.239
70	631	-.057	.050	.121	-.234
70	632	-.025	.082	.298	-.282
70	633	-.005	.143	.650	-.337
70	634	-.070	.167	.550	-.577
70	635	-.181	.077	.061	-.521
70	636	-.179	.136	.244	-.891
70	637	-.128	.149	.224	-.973

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	638	-.020	.064	.243	-.391
70	639	-.033	.055	.173	-.339
70	640	-.106	.070	.259	-.317
70	641	-.005	.078	.338	-.214
70	642	.093	.100	.482	-.179
70	643	.128	.098	.496	-.210
70	644	.165	.108	.508	-.165
70	645	.212	.117	.710	-.274
70	646	.197	.111	.624	-.088
70	647	.110	.099	.582	-.245
70	648	-.054	.076	.292	-.315
70	650	.407	.163	.856	-.138
70	651	.300	.162	.766	-.281
70	900	-.849	.174	-.430	-1.623
70	901	-.682	.110	-.356	-1.331
70	902	.202	.158	.921	-.569
70	903	-.005	.077	.312	-.295
70	904	-.902	.189	-.418	-1.632
70	905	-.813	.157	-.301	-1.615
70	906	-.754	.172	-.257	-1.701
70	907	-.695	.196	-.148	-1.616
70	908	-.550	.116	.049	-1.082
70	909	-.589	.204	.347	-1.589
70	910	-.677	.214	-.042	-1.759
70	911	-.192	.064	.102	-.461
70	912	-.399	.133	.089	-.992
70	913	-.530	.096	-.274	-.977
70	914	-.495	.064	-.266	-.768
70	915	-.509	.066	-.283	-.901
70	916	-.465	.084	-.256	-1.032
70	917	-.262	.083	.205	-.775
70	918	-.259	.106	.155	-.737
70	919	-.414	.065	-.182	-.700
70	920	-.174	.121	.258	-.896
80	100	-1.403	.545	-.546	-4.176
80	101	-1.069	.256	-.341	-2.103
80	102	-.928	.250	-.166	-2.146
80	103	-.710	.239	-.089	-1.681
80	104	-.547	.195	-.025	-1.395
80	105	-.487	.153	-.037	-1.325
80	106	-.518	.147	-.081	-1.370
80	107	-.955	.145	-.485	-1.605
80	108	-.983	.150	-.570	-1.727
80	109	-1.015	.183	-.225	-1.930
80	110	-.958	.223	-.072	-1.806
80	111	-.759	.237	.034	-1.681
80	112	-.595	.196	-.039	-1.516
80	113	-.569	.184	-.018	-1.832
80	114	-.871	.161	-.429	-1.899
80	115	-.905	.176	-.342	-2.009

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	116	-.917	.197	-.039	-1.995
80	117	-.856	.236	-.096	-1.651
80	118	-.802	.244	.015	-1.772
80	119	-.681	.229	.104	-1.541
80	120	-.686	.244	.051	-1.978
80	121	-1.000	.231	-.445	-2.542
80	122	-.999	.271	-.318	-2.255
80	123	-.925	.283	-.084	-2.197
80	124	-.716	.274	-.032	-1.858
80	125	-.585	.220	-.035	-1.599
80	126	-.568	.170	-.011	-1.327
80	127	-.598	.151	-.127	-1.341
80	128	-.895	.333	-.088	-2.680
80	129	-.717	.359	.136	-2.649
80	130	-.473	.260	.153	-1.556
80	131	-.344	.113	.115	-.997
80	132	-.358	.077	-.028	-.803
80	133	-.439	.078	-.034	-.783
80	134	-.534	.102	-.120	-1.016
80	135	-.370	.164	.175	-1.230
80	136	-.238	.094	.087	-.815
80	137	-.311	.137	.034	-1.409
80	138	-.200	.068	.034	-.618
80	139	-.233	.044	-.040	-.413
80	140	-.321	.046	-.134	-.511
80	141	-.332	.053	-.124	-.651
80	142	-.328	.053	-.167	-.637
80	143	-.378	.062	-.192	-.634
80	144	-.329	.058	-.127	-.542
80	145	-.336	.052	-.119	-.538
80	150	-1.322	.362	-.552	-3.015
80	151	-1.259	.296	-.373	-2.570
80	200	-.612	.201	-.126	-1.733
80	201	-.574	.163	-.140	-1.605
80	202	-.540	.150	-.081	-1.340
80	203	-.506	.135	-.109	-1.383
80	204	-.500	.149	-.111	-1.349
80	205	-.503	.143	-.050	-1.217
80	206	-.479	.125	-.088	-1.266
80	207	-.491	.134	-.149	-1.511
80	208	-.464	.143	-.145	-1.588
80	209	-.453	.139	.007	-1.296
80	210	-.465	.094	-.072	-.845
80	211	-.456	.093	-.086	-.869
80	212	-.431	.090	-.126	-.929
80	213	-.430	.080	-.138	-.945
80	214	-.444	.081	-.079	-.949
80	215	-.446	.074	-.182	-.736
80	216	-.441	.076	-.193	-.717
80	217	-.443	.075	-.185	-.841

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	218	-.450	.075	-.240	-.748
80	219	-.449	.069	-.235	-.729
80	220	-.556	.153	-.032	-1.376
80	221	-.537	.148	-.020	-1.211
80	222	-.515	.140	-.114	-1.486
80	223	-.516	.119	-.184	-1.142
80	224	-.526	.112	-.226	-1.112
80	225	-.533	.120	-.207	-1.263
80	226	-.494	.092	-.231	-.939
80	227	-.488	.086	-.231	-.850
80	228	-.438	.060	-.271	-.681
80	229	-.430	.050	-.277	-.650
80	230	-.429	.038	-.322	-.547
80	231	-.421	.047	-.263	-.575
80	232	-.409	.045	-.263	-.560
80	233	-.413	.045	-.270	-.560
80	234	-.414	.045	-.263	-.580
80	235	-.418	.046	-.277	-.603
80	236	-.407	.046	-.278	-.601
80	237	-.409	.044	-.258	-.550
80	238	-.614	.163	-.131	-1.351
80	239	-.588	.150	-.178	-1.392
80	240	-.576	.146	-.113	-1.327
80	241	-.501	.114	-.124	-1.059
80	242	-.538	.107	-.219	-1.018
80	243	-.542	.123	-.211	-1.027
80	244	-.523	.081	-.277	-.874
80	245	-.479	.092	-.223	-.921
80	246	-.489	.073	-.192	-.889
80	247	-.465	.055	-.238	-.891
80	248	-.459	.053	-.294	-.693
80	249	-.405	.047	-.174	-.594
80	250	-.440	.047	-.202	-.631
80	251	-.438	.048	-.286	-.647
80	252	-.442	.044	-.296	-.661
80	253	-.393	.044	-.245	-.606
80	254	-.430	.045	-.259	-.638
80	255	-.497	.066	-.315	-.832
80	256	-.670	.161	-.258	-1.464
80	257	-.648	.157	-.218	-1.395
80	258	-.566	.142	-.216	-1.806
80	259	-.571	.127	-.254	-1.368
80	260	-.558	.112	-.233	-1.120
80	261	-.505	.131	-.077	-1.177
80	262	-.544	.111	-.104	-.967
80	263	-.508	.098	-.188	-1.289
80	264	-.537	.102	-.296	-1.798
80	265	-.506	.078	-.216	-.928
80	266	-.494	.073	-.282	-.815
80	267	-.428	.064	-.230	-.762
80	268	-.546	.087	-.249	-1.010
80	269	-.459	.068	-.228	-.786
80	270	-.458	.068	-.269	-.889
80	271	-.407	.068	-.213	-.757
80	272	-.548	.097	-.219	-1.026
80	273	-.441	.071	-.241	-.829
80	274	-.689	.167	-.262	-1.682
80	275	-.638	.173	-.159	-1.621
80	276	-.642	.149	-.226	-1.725
80	277	-.473	.123	-.012	-1.003
80	278	-.461	.100	-.118	-.920
80	279	-.430	.085	-.176	-.875
80	280	-.451	.086	-.207	-.900
80	281	-.426	.079	-.148	-.959
80	282	-.493	.101	-.101	-1.021
80	283	-.462	.091	-.147	-1.021
80	284	-.390	.073	-.092	-.866
80	285	-.313	.056	-.098	-.573
80	286	-.417	.076	-.079	-.971
80	287	-.420	.083	-.125	-.786
80	288	-.383	.084	-.060	-.916
80	289	-.327	.091	.104	-.796
80	290	-.475	.111	-.139	-1.292
80	291	-.515	.119	-.220	-1.324
80	292	-.502	.133	-.201	-1.255
80	293	-.387	.082	-.149	-.812
80	294	-.389	.108	-.019	-1.008
80	295	-.376	.065	-.198	-.737
80	296	-.334	.071	-.129	-.678
80	297	-.370	.081	-.154	-.725
80	298	-.384	.082	-.169	-.849
80	299	-.372	.076	-.179	-.749
80	300	-.330	.073	-.097	-.621
80	301	-.344	.075	-.045	-.770
80	302	-.418	.059	-.190	-.719
80	303	-.325	.087	.003	-.769
80	304	-.287	.086	.179	-.678
80	305	-.263	.080	.014	-.614
80	306	-.358	.085	-.040	-.683
80	307	-.446	.088	.226	-.935
80	308	-.297	.067	-.054	-.661
80	309	-.354	.058	-.156	-.649
80	310	-.354	.065	-.167	-.688
80	311	-.307	.068	-.082	-.700
80	312	-.339	.086	-.060	-.740
80	313	-.309	.090	.021	-.692
80	314	-.287	.081	.015	-.754
80	315	-.281	.052	-.050	-.540
80	316	-.307	.058	-.013	-.576
80	320	-.480	.117	-.148	-1.095
80	321	-.423	.097	-.128	-1.017
80	322	-.468	.109	-.157	-1.153
80	323	-.469	.103	-.187	-1.180
80	400	-.431	.134	.019	-1.286
80	401	-.413	.142	.116	-1.211
80	402	-.435	.139	.191	-1.148
80	403	-.480	.114	.038	-1.204
80	404	-.493	.106	.044	-1.154
80	405	-.463	.083	-.157	-.964
80	406	-.506	.086	-.163	-.805
80	407	-.465	.083	-.211	-.862
80	408	-.325	.060	-.027	-.558
80	409	-.279	.062	.016	-.511
80	410	-.236	.068	.012	-.462
80	411	-.201	.074	.051	-.434
80	412	-.199	.150	.181	-.889
80	413	-.517	.177	.213	-1.156
80	414	-.437	.053	-.232	-.655
80	415	-.433	.054	-.269	-.739
80	416	-.428	.057	-.243	-.610
80	417	-.434	.062	-.218	-.646
80	418	-.421	.059	-.193	-.616
80	419	-.420	.064	-.204	-.645
80	420	-.428	.054	-.248	-.711
80	421	-.431	.054	-.247	-.641
80	422	-.424	.051	-.234	-.616
80	423	-.420	.050	-.262	-.586
80	424	-.424	.047	-.262	-.603
80	425	-.427	.047	-.277	-.628
80	426	-.416	.047	-.208	-.636
80	427	-.413	.046	-.235	-.620
80	428	-.423	.044	-.277	-.579
80	429	-.426	.044	-.287	-.581
80	430	-.448	.047	-.300	-.623
80	431	-.462	.087	-.242	-1.206
80	432	-.251	.049	-.069	-.444
80	433	-.183	.054	.044	-.367
80	434	-.130	.069	.117	-.356
80	435	.004	.088	.344	-.381
80	436	-.187	.229	.412	-1.130
80	437	-.342	.203	.253	-1.310
80	438	-.439	.054	-.244	-.727
80	439	-.435	.053	-.213	-.707
80	440	-.446	.056	-.305	-.706
80	441	-.445	.055	-.280	-.723
80	442	-.429	.051	-.288	-.665
80	443	-.424	.050	-.281	-.637
80	444	-.430	.045	-.317	-.634
80	445	-.432	.045	-.310	-.633
80	446	-.421	.046	-.283	-.631

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	447	-.417	.050	-.235	-.635
80	448	-.461	.062	-.283	-.751
80	449	-.428	.054	-.257	-.840
80	450	-.277	.047	-.104	-.459
80	451	-.183	.054	.014	-.383
80	452	-.092	.062	.219	-.286
80	453	-.006	.083	.382	-.506
80	454	-.128	.208	.471	-.839
80	455	-.288	.198	.486	-1.003
80	456	-.489	.084	-.220	-1.297
80	457	-.480	.076	-.272	-.920
80	458	-.466	.069	-.242	-.812
80	459	-.452	.062	-.269	-.758
80	460	-.458	.061	-.305	-.813
80	461	-.456	.062	-.300	-.783
80	462	-.443	.065	-.196	-.805
80	463	-.436	.068	-.274	-.894
80	464	-.436	.070	-.258	-.962
80	465	-.420	.075	-.191	-.787
80	466	-.606	.142	-.284	-1.351
80	467	-.418	.073	-.204	-.795
80	468	-.405	.085	-.143	-.931
80	469	-.281	.072	-.022	-.583
80	470	-.159	.074	.118	-.419
80	471	-.025	.084	.306	-.378
80	472	-.073	.172	.399	-.774
80	473	-.182	.189	.494	-.894
80	474	-.455	.087	-.046	-.842
80	475	-.436	.076	-.135	-.775
80	476	-.423	.073	-.062	-.717
80	477	-.412	.065	-.007	-.910
80	478	-.406	.072	-.037	-.936
80	479	-.420	.078	-.173	-.987
80	480	-.442	.094	-.147	-.975
80	481	-.475	.108	-.116	-.990
80	482	-.530	.149	-.123	-1.477
80	483	-.630	.169	-.133	-1.518
80	484	-.771	.220	-.172	-1.748
80	485	-.645	.146	-.268	-1.246
80	486	-.318	.071	-.082	-.661
80	487	-.177	.060	.058	-.456
80	488	-.053	.069	.217	-.289
80	489	.005	.078	.345	-.279
80	490	.013	.100	.456	-.490
80	491	-.041	.128	.455	-.565
80	492	-.342	.062	-.055	-.658
80	493	-.377	.062	-.172	-.618
80	494	-.353	.060	-.158	-.682
80	495	-.101	.141	.378	-.584
80	496	-.482	.119	-.135	-1.077

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	497	-.191	.054	.023	-.386
80	498	-.065	.065	.170	-.275
80	499	.070	.086	.465	-.181
80	500	.164	.107	.667	-.124
80	501	.170	.118	.806	-.232
80	502	.068	.102	.449	-.326
80	510	-.436	.062	-.177	-.673
80	511	-.414	.063	-.170	-.668
80	512	-.442	.063	-.200	-.691
80	513	-.293	.055	-.082	-.476
80	600	-.006	.112	.361	-.566
80	601	.112	.122	.498	-.320
80	602	.152	.122	.553	-.286
80	603	.149	.128	.575	-.299
80	604	.192	.129	.636	-.288
80	605	.176	.137	.594	-.278
80	606	.021	.141	.551	-.513
80	607	.101	.128	.561	-.370
80	608	.303	.132	.774	-.051
80	609	.480	.137	.884	.024
80	610	.520	.145	.999	.010
80	611	.490	.150	.930	-.039
80	612	.287	.144	.724	-.198
80	613	.005	.136	.461	-.460
80	614	.087	.132	.625	-.390
80	615	.269	.128	.764	-.122
80	616	.410	.142	.949	.022
80	617	.432	.151	.904	-.006
80	618	.389	.145	.896	-.018
80	619	.208	.142	.746	-.270
80	620	-.050	.134	.474	-.507
80	621	.044	.138	.601	-.419
80	622	.198	.136	.759	-.209
80	623	.271	.140	.722	-.118
80	624	.275	.145	.745	-.093
80	625	.232	.146	.808	-.182
80	626	.080	.151	.681	-.307
80	627	-.148	.140	.480	-.669
80	628	-.006	.102	.469	-.366
80	629	-.007	.082	.384	-.322
80	630	-.060	.059	.281	-.350
80	631	-.094	.056	.131	-.379
80	632	-.097	.071	.167	-.381
80	633	-.138	.109	.327	-.459
80	634	-.284	.148	.684	-.805
80	635	-.167	.081	.108	-.530
80	636	-.195	.154	.341	-.732
80	637	-.239	.187	.260	-1.099
80	638	-.045	.075	.213	-.459
80	639	-.062	.065	.169	-.390

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	640	-.078	.068	.302	-.284
80	641	-.028	.077	.335	-.280
80	642	.023	.083	.362	-.314
80	643	.050	.078	.511	-.218
80	644	.087	.106	.522	-.212
80	645	.174	.119	.646	-.170
80	646	.185	.110	.652	-.118
80	647	.129	.100	.557	-.136
80	648	-.062	.085	.307	-.413
80	650	.336	.153	.800	-.199
80	651	.152	.146	.600	-.450
80	900	-.690	.126	-.297	-1.392
80	901	-.708	.145	-.341	-1.435
80	902	.248	.148	.938	-.340
80	903	.036	.085	.497	-.252
80	904	-.780	.150	-.356	-1.773
80	905	-.756	.140	-.363	-1.379
80	906	-.756	.175	-.365	-1.805
80	907	-.691	.194	-.051	-1.548
80	908	-.500	.204	.253	-1.438
80	909	-.611	.221	.116	-1.706
80	910	-.719	.232	-.069	-1.633
80	911	-.135	.065	.200	-.347
80	912	-.548	.171	.242	-1.163
80	913	-.451	.068	-.205	-.848
80	914	-.466	.073	-.166	-.841
80	915	-.482	.075	-.209	-.871
80	916	-.456	.071	-.240	-.843
80	917	-.353	.158	.415	-1.172
80	918	-.427	.153	.114	-1.330
80	919	-.424	.057	-.229	-.665
80	920	-.381	.164	.233	-1.444
90	100	-.649	.153	-.282	-1.944
90	101	-.735	.165	-.313	-1.988
90	102	-.671	.160	-.136	-1.685
90	103	-.693	.183	.008	-1.939
90	104	-.660	.200	.134	-2.003
90	105	-.586	.191	.053	-1.661
90	106	-.577	.199	.109	-1.605
90	107	-.564	.111	-.277	-1.094
90	108	-.583	.115	-.274	-1.149
90	109	-.623	.137	-.305	-1.373
90	110	-.654	.168	-.108	-1.449
90	111	-.661	.180	.112	-1.515
90	112	-.690	.202	.194	-1.615
90	113	-.712	.243	.044	-2.058
90	114	-.694	.115	-.309	-1.275
90	115	-.649	.115	-.323	-1.324
90	116	-.670	.126	-.316	-1.492
90	117	-.708	.155	-.313	-1.570

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	118	-.720	.171	-.155	-1.553
90	119	-.731	.194	.086	-1.586
90	120	-.765	.242	.147	-2.048
90	121	-.732	.126	-.383	-1.433
90	122	-.739	.137	-.399	-1.549
90	123	-.740	.145	-.287	-1.713
90	124	-.750	.156	-.196	-1.531
90	125	-.732	.161	-.088	-1.512
90	126	-.702	.158	-.086	-1.501
90	127	-.700	.161	-.125	-1.496
90	128	-.879	.263	-.025	-3.233
90	129	-.807	.250	-.098	-2.110
90	130	-.726	.232	.075	-1.687
90	131	-.571	.196	-.050	-1.259
90	132	-.481	.146	-.089	-1.010
90	133	-.491	.107	-.105	-.932
90	134	-.559	.106	-.136	-1.037
90	135	-.435	.192	.126	-1.428
90	136	-.272	.104	.095	-.793
90	137	-.397	.162	-.022	-1.513
90	138	-.213	.075	.073	-.679
90	139	-.246	.050	-.013	-.441
90	140	-.374	.055	-.162	-.627
90	141	-.389	.064	-.219	-.679
90	142	-.390	.067	-.199	-.709
90	143	-.445	.074	-.250	-.711
90	144	-.366	.071	-.141	-.670
90	145	-.366	.068	-.096	-.617
90	150	-.718	.170	-.356	-1.970
90	151	-.730	.162	-.349	-2.009
90	200	-.533	.171	.064	-1.484
90	201	-.526	.160	-.001	-1.361
90	202	-.517	.154	-.034	-1.284
90	203	-.514	.157	-.014	-1.499
90	204	-.575	.189	-.105	-1.857
90	205	-.589	.202	-.110	-1.923
90	206	-.506	.186	-.100	-2.174
90	207	-.513	.200	-.081	-2.091
90	208	-.469	.190	.023	-2.510
90	209	-.465	.173	.071	-1.395
90	210	-.458	.095	-.057	-.865
90	211	-.442	.093	-.090	-.782
90	212	-.426	.088	-.124	-.765
90	213	-.433	.081	-.151	-.752
90	214	-.437	.084	-.132	-.792
90	215	-.432	.078	-.173	-.851
90	216	-.420	.076	-.167	-.755
90	217	-.429	.082	-.172	-1.115
90	218	-.440	.078	-.203	-.872
90	219	-.455	.077	-.241	-.826

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	220	-.587	.159	-.079	-1.220
90	221	-.564	.137	-.080	-1.059
90	222	-.542	.119	-.118	-1.331
90	223	-.555	.109	-.189	-1.031
90	224	-.581	.116	-.252	-1.154
90	225	-.609	.133	-.225	-1.155
90	226	-.530	.101	-.233	-.976
90	227	-.520	.102	-.237	-1.042
90	228	-.430	.067	-.227	-.708
90	229	-.422	.056	-.158	-.661
90	230	-.429	.044	-.309	-.622
90	231	-.424	.052	-.248	-.655
90	232	-.407	.051	-.227	-.617
90	233	-.418	.051	-.233	-.654
90	234	-.422	.050	-.246	-.636
90	235	-.422	.051	-.259	-.641
90	236	-.405	.050	-.246	-.615
90	237	-.439	.053	-.200	-.666
90	238	-.666	.163	-.151	-1.609
90	239	-.640	.143	-.170	-1.192
90	240	-.606	.124	-.168	-1.221
90	241	-.550	.105	-.140	-.925
90	242	-.578	.115	-.178	-1.009
90	243	-.602	.130	-.232	-1.160
90	244	-.536	.090	-.247	-.889
90	245	-.503	.109	-.177	-1.069
90	246	-.489	.077	-.246	-.810
90	247	-.462	.056	-.217	-.673
90	248	-.455	.052	-.268	-.721
90	249	-.418	.048	-.284	-.597
90	250	-.442	.047	-.280	-.603
90	251	-.447	.048	-.303	-.661
90	252	-.443	.050	-.287	-.769
90	253	-.411	.049	-.262	-.675
90	254	-.434	.049	-.295	-.664
90	255	-.466	.069	-.262	-.819
90	256	-.703	.149	-.269	-1.685
90	257	-.694	.147	-.285	-1.561
90	258	-.637	.142	-.243	-1.671
90	259	-.618	.131	-.212	-1.595
90	260	-.587	.115	-.251	-1.268
90	261	-.578	.125	-.191	-1.178
90	262	-.572	.104	-.225	-1.007
90	263	-.500	.093	-.172	-1.077
90	264	-.515	.080	-.295	-.966
90	265	-.495	.070	-.222	-.950
90	266	-.482	.064	-.220	-.833
90	267	-.437	.058	-.265	-.673
90	268	-.535	.103	-.242	-.999
90	269	-.462	.064	-.278	-.778

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	270	-.459	.064	-.264	-.850
90	271	-.425	.065	-.199	-.825
90	272	-.535	.118	-.254	-1.190
90	273	-.455	.066	-.225	-.808
90	274	-.695	.158	-.208	-1.557
90	275	-.625	.151	-.191	-1.282
90	276	-.627	.144	-.217	-1.305
90	277	-.502	.110	-.068	-.928
90	278	-.486	.093	-.046	-.960
90	279	-.480	.098	-.210	-.993
90	280	-.488	.107	-.218	-1.024
90	281	-.510	.115	-.242	-1.037
90	282	-.510	.087	-.212	-.977
90	283	-.477	.082	-.058	-.968
90	284	-.425	.073	-.086	-.984
90	285	-.379	.077	-.122	-.717
90	286	-.456	.078	-.146	-.867
90	287	-.472	.086	-.175	-.980
90	288	-.447	.088	-.159	-.908
90	289	-.395	.109	.036	-1.129
90	290	-.522	.109	-.229	-1.146
90	291	-.528	.114	-.242	-1.212
90	292	-.531	.126	-.199	-1.240
90	293	-.449	.103	-.064	-1.141
90	294	-.470	.139	.013	-1.190
90	295	-.414	.075	-.144	-.757
90	296	-.384	.084	-.125	-.805
90	297	-.404	.095	-.132	-.883
90	298	-.462	.100	-.190	-.837
90	299	-.436	.094	-.211	-.783
90	300	-.404	.088	-.159	-.783
90	301	-.389	.083	-.107	-.771
90	302	-.449	.102	-.115	-1.014
90	303	-.364	.087	-.080	-.840
90	304	-.367	.087	.062	-.730
90	305	-.351	.075	-.025	-.759
90	306	-.422	.079	-.137	-.849
90	307	-.419	.106	-.069	-.987
90	308	-.297	.060	-.122	-.555
90	309	-.394	.067	-.178	-.712
90	310	-.399	.079	-.168	-.795
90	311	-.365	.082	-.135	-.773
90	312	-.401	.125	-.010	-.834
90	313	-.358	.104	.030	-.994
90	314	-.353	.085	.007	-.848
90	315	-.344	.063	-.086	-.629
90	316	-.361	.070	-.071	-.662
90	320	-.580	.174	-.156	-1.592
90	321	-.515	.134	-.133	-1.287
90	322	-.520	.152	-.128	-1.824

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	323	-.493	.137	.004	-1.666
90	400	-.435	.165	.059	-1.545
90	401	-.437	.169	.116	-1.439
90	402	-.459	.157	.200	-1.590
90	403	-.489	.117	.244	-1.261
90	404	-.479	.107	.118	-1.105
90	405	-.476	.086	-.142	-.847
90	406	-.516	.089	-.225	-.900
90	407	-.483	.085	-.137	-.881
90	408	-.291	.069	-.036	-.540
90	409	-.210	.074	.082	-.431
90	410	-.170	.082	.138	-.445
90	411	-.118	.088	.180	-.414
90	412	-.062	.113	.289	-.646
90	413	-.247	.189	.318	-.915
90	414	-.447	.063	-.231	-.958
90	415	-.440	.061	-.239	-.864
90	416	-.441	.064	-.218	-.668
90	417	-.424	.066	-.153	-.621
90	418	-.433	.063	-.178	-.639
90	419	-.430	.066	-.197	-.656
90	420	-.442	.058	-.196	-.698
90	421	-.419	.056	-.189	-.667
90	422	-.437	.057	-.241	-.662
90	423	-.429	.056	-.249	-.636
90	424	-.433	.054	-.260	-.693
90	425	-.414	.053	-.242	-.669
90	426	-.424	.053	-.243	-.674
90	427	-.419	.052	-.242	-.651
90	428	-.433	.052	-.262	-.676
90	429	-.414	.051	-.249	-.657
90	430	-.449	.051	-.270	-.652
90	431	-.443	.071	-.224	-1.093
90	432	-.226	.054	-.051	-.484
90	433	-.125	.062	.075	-.404
90	434	-.034	.078	.252	-.270
90	435	.092	.098	.403	-.237
90	436	.024	.190	.471	-.978
90	437	-.088	.188	.437	-.917
90	438	-.460	.055	-.266	-.704
90	439	-.451	.053	-.282	-.664
90	440	-.461	.050	-.280	-.668
90	441	-.433	.049	-.290	-.647
90	442	-.439	.049	-.293	-.617
90	443	-.434	.049	-.282	-.616
90	444	-.454	.048	-.322	-.723
90	445	-.425	.049	-.272	-.690
90	446	-.434	.049	-.261	-.684
90	447	-.427	.052	-.234	-.849
90	448	-.457	.064	-.286	-.861

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	449	-.413	.054	-.209	-.735
90	450	-.263	.048	-.054	-.435
90	451	-.152	.058	.108	-.334
90	452	-.066	.072	.210	-.299
90	453	.075	.092	.459	-.219
90	454	.026	.170	.556	-.908
90	455	-.112	.190	.525	-.984
90	456	-.511	.069	-.299	-.831
90	457	-.464	.065	-.282	-.791
90	458	-.469	.062	-.308	-.806
90	459	-.454	.059	-.289	-.761
90	460	-.498	.060	-.324	-.959
90	461	-.451	.061	-.262	-.902
90	462	-.458	.064	-.256	-1.030
90	463	-.448	.064	-.239	-1.031
90	464	-.452	.066	-.257	-.752
90	465	-.435	.069	-.177	-.798
90	466	-.511	.128	-.236	-1.155
90	467	-.448	.069	-.246	-.839
90	468	-.387	.095	-.079	-1.009
90	469	-.249	.077	.078	-.553
90	470	-.122	.081	.218	-.429
90	471	.013	.082	.381	-.265
90	472	.002	.131	.463	-.479
90	473	-.085	.167	.402	-.828
90	474	-.470	.090	-.162	-.865
90	475	-.463	.081	-.186	-.816
90	476	-.456	.078	-.125	-.759
90	477	-.451	.073	-.238	-.847
90	478	-.442	.078	-.146	-.839
90	479	-.462	.080	-.195	-.834
90	480	-.485	.093	-.182	-1.070
90	481	-.510	.107	-.241	-1.244
90	482	-.542	.141	-.222	-1.484
90	483	-.652	.166	-.263	-1.434
90	484	-.713	.208	-.113	-1.677
90	485	-.676	.149	-.312	-1.753
90	486	-.326	.075	-.031	-.796
90	487	-.184	.062	.062	-.460
90	488	-.054	.065	.200	-.340
90	489	.009	.079	.407	-.224
90	490	.021	.097	.516	-.408
90	491	-.038	.121	.517	-.535
90	492	-.412	.074	-.151	-1.032
90	493	-.363	.073	-.111	-.700
90	494	-.405	.074	-.187	-.786
90	495	-.056	.147	.485	-.522
90	496	-.538	.141	-.148	-1.200
90	497	-.200	.060	.030	-.455
90	498	-.067	.063	.241	-.259

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	499	.077	.078	.457	-.129
90	500	.169	.097	.631	-.078
90	501	.174	.108	.687	-.205
90	502	.077	.112	.551	-.347
90	510	-.445	.070	-.223	-.795
90	511	-.454	.073	-.228	-.849
90	512	-.460	.073	-.231	-.762
90	513	-.240	.062	.030	-.483
90	600	.117	.126	.571	-.465
90	601	.176	.131	.678	-.310
90	602	.178	.128	.678	-.261
90	603	.140	.130	.657	-.381
90	604	.174	.130	.576	-.248
90	605	.149	.124	.706	-.351
90	606	.035	.122	.591	-.561
90	607	.265	.131	.737	-.172
90	608	.417	.131	.911	-.027
90	609	.517	.143	.998	.094
90	610	.527	.144	1.006	.109
90	611	.469	.143	.976	-.020
90	612	.262	.131	.702	-.264
90	613	.034	.114	.420	-.426
90	614	.220	.139	.706	-.207
90	615	.362	.138	.869	-.036
90	616	.460	.142	.934	.117
90	617	.428	.139	.868	.041
90	618	.397	.143	.856	.001
90	619	.196	.129	.636	-.250
90	620	.040	.114	.392	-.582
90	621	.162	.135	.667	-.290
90	622	.279	.129	.847	-.127
90	623	.349	.133	.883	-.037
90	624	.336	.133	.816	-.050
90	625	.237	.125	.720	-.120
90	626	.077	.121	.522	-.320
90	627	-.147	.113	.297	-.570
90	628	.017	.102	.534	-.304
90	629	.003	.089	.561	-.307
90	630	-.070	.067	.303	-.297
90	631	-.112	.053	.112	-.310
90	632	-.117	.058	.090	-.353
90	633	-.182	.080	.175	-.439
90	634	-.327	.106	.115	-.784
90	635	-.194	.091	.155	-.642
90	636	-.231	.177	.382	-.882
90	637	-.287	.211	.439	-1.307
90	638	-.071	.081	.337	-.634
90	639	-.090	.073	.358	-.477
90	640	-.086	.064	.185	-.277
90	641	-.016	.082	.333	-.297

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	642	.021	.091	.447	-.328
90	643	.043	.082	.385	-.229
90	644	.069	.092	.449	-.194
90	645	.186	.110	.642	-.163
90	646	.185	.107	.669	-.116
90	647	.136	.099	.590	-.132
90	648	-.069	.096	.419	-.383
90	650	.270	.142	.721	-.261
90	651	.108	.133	.569	-.464
90	900	-.668	.098	-.358	-1.044
90	901	-.706	.156	-.309	-1.361
90	902	.279	.156	.925	-.249
90	903	.021	.081	.349	-.218
90	904	-.691	.109	-.370	-1.220
90	905	-.670	.138	-.330	-1.398
90	906	-.694	.180	-.241	-1.644
90	907	-.665	.177	-.116	-1.703
90	908	-.563	.180	.265	-1.639
90	909	-.636	.227	.142	-1.573
90	910	-.722	.225	-.139	-1.706
90	911	-.136	.073	.210	-.387
90	912	-.619	.149	-.007	-1.245
90	913	-.458	.073	-.263	-.874
90	914	-.473	.080	-.184	-.847
90	915	-.476	.081	-.211	-.836
90	916	-.476	.083	-.247	-.837
90	917	-.453	.178	.302	-1.180
90	918	-.536	.206	.109	-1.798
90	919	-.463	.106	-.165	-1.088
90	920	-.475	.198	.180	-1.281
100	100	-.502	.073	-.247	-.852
100	101	-.528	.083	-.309	-1.064
100	102	-.513	.089	-.194	-1.218
100	103	-.542	.114	-.016	-1.444
100	104	-.557	.136	.046	-1.793
100	105	-.564	.143	-.022	-1.527
100	106	-.571	.165	-.045	-1.645
100	107	-.472	.072	-.228	-.739
100	108	-.484	.073	-.229	-.773
100	109	-.496	.076	-.272	-.790
100	110	-.509	.088	-.286	-1.026
100	111	-.556	.102	-.258	-1.195
100	112	-.611	.135	-.176	-1.244
100	113	-.608	.149	-.242	-1.480
100	114	-.590	.084	-.340	-1.020
100	115	-.544	.088	-.253	-.875
100	116	-.570	.094	-.273	-.961
100	117	-.605	.110	-.298	-1.302
100	118	-.635	.123	-.287	-1.373
100	119	-.671	.149	-.322	-1.574

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	120	-.696	.175	-.298	-1.983
100	121	-.660	.101	-.368	-1.234
100	122	-.664	.093	-.374	-1.185
100	123	-.659	.097	-.381	-1.187
100	124	-.685	.107	-.361	-1.258
100	125	-.700	.118	-.120	-1.370
100	126	-.698	.125	-.250	-1.339
100	127	-.695	.135	-.289	-1.392
100	128	-.732	.175	-.340	-1.740
100	129	-.652	.163	-.230	-1.721
100	130	-.639	.163	-.196	-1.697
100	131	-.629	.150	-.146	-1.274
100	132	-.576	.128	-.145	-1.141
100	133	-.563	.108	-.097	-1.001
100	134	-.592	.102	-.126	-1.059
100	135	-.470	.218	.073	-2.040
100	136	-.301	.131	.106	-1.282
100	137	-.461	.211	-.024	-1.764
100	138	-.246	.092	.021	-.788
100	139	-.270	.060	.020	-.602
100	140	-.402	.057	-.143	-.606
100	141	-.422	.064	-.183	-.694
100	142	-.426	.065	-.184	-.692
100	143	-.480	.077	-.237	-.793
100	144	-.398	.075	-.127	-.680
100	145	-.387	.090	.010	-.695
100	150	-.503	.071	-.277	-.984
100	151	-.516	.072	-.266	-.965
100	200	-.518	.127	-.098	-1.399
100	201	-.513	.119	-.137	-1.338
100	202	-.503	.116	-.121	-1.223
100	203	-.502	.128	-.126	-1.173
100	204	-.545	.187	-.065	-2.239
100	205	-.568	.221	-.086	-2.326
100	206	-.498	.156	-.124	-1.540
100	207	-.493	.161	-.072	-1.683
100	208	-.486	.169	-.084	-1.645
100	209	-.485	.212	.107	-1.930
100	210	-.479	.094	-.110	-.882
100	211	-.467	.094	-.072	-1.041
100	212	-.456	.094	-.082	-1.074
100	213	-.466	.091	-.149	-1.084
100	214	-.472	.089	-.086	-1.128
100	215	-.475	.091	-.105	-.964
100	216	-.459	.089	-.130	-1.036
100	217	-.474	.096	-.086	-.992
100	218	-.485	.094	-.171	-1.097
100	219	-.504	.089	-.242	-1.010
100	220	-.541	.101	-.247	-.976
100	221	-.531	.084	-.267	-.867

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	222	-.516	.072	-.290	-.804
100	223	-.531	.069	-.303	-.809
100	224	-.562	.083	-.288	-1.045
100	225	-.604	.102	-.287	-1.127
100	226	-.502	.075	-.185	-.827
100	227	-.482	.077	-.097	-.972
100	228	-.457	.068	-.247	-.768
100	229	-.454	.063	-.250	-.693
100	230	-.478	.051	-.332	-.664
100	231	-.462	.059	-.247	-.719
100	232	-.440	.058	-.230	-.672
100	233	-.452	.058	-.253	-.669
100	234	-.454	.058	-.266	-.683
100	235	-.459	.060	-.226	-.726
100	236	-.436	.057	-.218	-.694
100	237	-.420	.055	-.196	-.679
100	238	-.645	.118	-.269	-1.129
100	239	-.617	.102	-.304	-1.194
100	240	-.567	.086	-.281	-1.048
100	241	-.522	.074	-.312	-.897
100	242	-.515	.080	-.258	-.916
100	243	-.628	.100	-.328	-1.066
100	244	-.466	.067	-.226	-.755
100	245	-.450	.071	-.113	-.808
100	246	-.474	.062	-.280	-.762
100	247	-.451	.056	-.188	-.655
100	248	-.457	.050	-.233	-.683
100	249	-.443	.046	-.257	-.666
100	250	-.453	.046	-.314	-.637
100	251	-.454	.048	-.284	-.670
100	252	-.450	.047	-.281	-.664
100	253	-.434	.047	-.255	-.638
100	254	-.444	.046	-.255	-.617
100	255	-.429	.047	-.244	-.661
100	256	-.705	.126	-.304	-1.633
100	257	-.681	.129	-.337	-1.443
100	258	-.635	.125	-.309	-1.338
100	259	-.579	.110	-.240	-1.112
100	260	-.538	.103	-.206	-1.019
100	261	-.575	.093	-.312	-1.102
100	262	-.542	.077	-.261	-.950
100	263	-.485	.076	-.237	-.960
100	264	-.511	.067	-.299	-.923
100	265	-.494	.060	-.294	-.744
100	266	-.487	.057	-.269	-.755
100	267	-.466	.057	-.272	-.748
100	268	-.468	.065	-.264	-.928
100	269	-.482	.060	-.323	-.776
100	270	-.475	.059	-.298	-.724
100	271	-.457	.061	-.275	-.780

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	272	-.446	.081	-.233	-1.062
100	273	-.475	.063	-.274	-.763
100	274	-.641	.131	-.120	-1.287
100	275	-.597	.120	-.187	-1.124
100	276	-.584	.115	-.211	-1.219
100	277	-.511	.098	-.164	-1.019
100	278	-.501	.087	-.132	-.883
100	279	-.543	.093	-.185	-1.085
100	280	-.533	.095	-.163	-.854
100	281	-.508	.085	-.226	-.864
100	282	-.515	.080	-.250	-.970
100	283	-.492	.071	-.236	-.955
100	284	-.470	.069	-.262	-.902
100	285	-.432	.079	-.115	-.823
100	286	-.506	.081	-.223	-.899
100	287	-.513	.092	-.241	-1.024
100	288	-.503	.097	-.250	-.982
100	289	-.448	.105	-.060	-1.061
100	290	-.547	.115	-.255	-1.326
100	291	-.548	.114	-.274	-1.279
100	292	-.567	.129	-.265	-1.473
100	293	-.522	.134	-.243	-1.278
100	294	-.547	.163	-.144	-1.348
100	295	-.439	.077	-.200	-.943
100	296	-.422	.089	-.073	-.955
100	297	-.431	.098	-.089	-.904
100	298	-.490	.098	-.213	-.926
100	299	-.497	.096	-.205	-.834
100	300	-.478	.090	-.215	-.830
100	301	-.451	.091	-.133	-.786
100	302	-.477	.131	.031	-1.108
100	303	-.427	.100	-.053	-.940
100	304	-.418	.093	.005	-.897
100	305	-.400	.079	-.003	-.668
100	306	-.451	.077	-.103	-.801
100	307	-.437	.129	.088	-.930
100	308	-.349	.068	-.159	-.640
100	309	-.438	.078	-.174	-.778
100	310	-.428	.078	-.202	-.746
100	311	-.406	.082	-.100	-.783
100	312	-.456	.115	.034	-.901
100	313	-.418	.100	.003	-.754
100	314	-.393	.086	-.024	-.796
100	315	-.378	.062	-.083	-.616
100	316	-.393	.066	-.086	-.635
100	320	-.563	.188	-.083	-2.046
100	321	-.479	.159	-.113	-1.471
100	322	-.470	.143	-.059	-1.559
100	323	-.469	.167	-.074	-1.847
100	400	-.509	.189	.034	-1.599

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	401	-.512	.186	.100	-1.742
100	402	-.503	.155	.057	-1.607
100	403	-.502	.109	.035	-1.227
100	404	-.482	.104	-.006	-1.123
100	405	-.474	.107	-.025	-1.144
100	406	-.506	.103	-.137	-1.008
100	407	-.503	.087	-.202	-1.069
100	408	-.253	.089	.196	-.547
100	409	-.156	.098	.262	-.505
100	410	-.097	.106	.383	-.448
100	411	-.020	.108	.408	-.353
100	412	.047	.118	.578	-.603
100	413	.019	.182	.698	-.632
100	414	-.489	.090	-.211	-1.012
100	415	-.480	.086	-.219	-.928
100	416	-.488	.081	-.158	-.850
100	417	-.467	.083	-.157	-.850
100	418	-.471	.080	-.169	-.847
100	419	-.465	.082	-.138	-.832
100	420	-.477	.071	-.255	-.981
100	421	-.452	.068	-.249	-.928
100	422	-.476	.075	-.265	-1.066
100	423	-.464	.068	-.259	-.888
100	424	-.473	.064	-.250	-.781
100	425	-.452	.062	-.232	-.743
100	426	-.459	.062	-.248	-.716
100	427	-.452	.060	-.254	-.701
100	428	-.461	.059	-.262	-.730
100	429	-.436	.055	-.259	-.675
100	430	-.435	.054	-.259	-.666
100	431	-.467	.079	-.251	-.972
100	432	-.215	.058	.049	-.421
100	433	-.099	.067	.167	-.302
100	434	.029	.091	.416	-.225
100	435	.173	.105	.556	-.148
100	436	.196	.149	.724	-.345
100	437	.125	.185	.723	-.482
100	438	-.474	.057	-.324	-.751
100	439	-.462	.055	-.308	-.696
100	440	-.484	.051	-.311	-.691
100	441	-.455	.050	-.277	-.660
100	442	-.465	.051	-.315	-.645
100	443	-.458	.051	-.298	-.748
100	444	-.476	.048	-.311	-.662
100	445	-.445	.049	-.279	-.647
100	446	-.453	.051	-.287	-.642
100	447	-.445	.054	-.251	-.748
100	448	-.434	.056	-.168	-.784
100	449	-.439	.051	-.264	-.718
100	450	-.264	.048	-.031	-.453

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	451	-.137	.061	.151	-.353
100	452	-.032	.080	.303	-.248
100	453	.128	.104	.525	-.149
100	454	.149	.143	.605	-.332
100	455	.052	.186	.588	-.659
100	456	-.535	.061	-.316	-.893
100	457	-.488	.058	-.302	-.778
100	458	-.499	.060	-.320	-.874
100	459	-.489	.058	-.311	-.822
100	460	-.520	.059	-.343	-.945
100	461	-.475	.060	-.304	-.803
100	462	-.486	.064	-.312	-.854
100	463	-.478	.064	-.308	-.792
100	464	-.490	.066	-.305	-.836
100	465	-.473	.068	-.237	-.825
100	466	-.466	.114	-.199	-1.226
100	467	-.495	.072	-.275	-1.097
100	468	-.325	.092	-.069	-.798
100	469	-.180	.092	.173	-.536
100	470	-.054	.103	.397	-.335
100	471	.060	.110	.430	-.314
100	472	.082	.148	.497	-.652
100	473	.029	.186	.587	-.677
100	474	-.495	.077	-.163	-.787
100	475	-.497	.073	-.213	-.780
100	476	-.508	.075	-.271	-.825
100	477	-.509	.078	-.163	-1.020
100	478	-.502	.085	-.046	-.961
100	479	-.525	.089	-.152	-1.129
100	480	-.547	.101	-.287	-1.067
100	481	-.550	.113	-.230	-1.387
100	482	-.562	.135	-.237	-1.425
100	483	-.673	.170	-.149	-1.682
100	484	-.610	.177	-.118	-1.431
100	485	-.708	.149	-.328	-1.413
100	486	-.335	.074	-.098	-.670
100	487	-.190	.071	.082	-.439
100	488	-.058	.082	.229	-.299
100	489	.011	.099	.431	-.300
100	490	.024	.119	.487	-.452
100	491	-.023	.144	.449	-.655
100	492	-.428	.072	-.017	-.801
100	493	-.396	.086	-.052	-.778
100	494	-.462	.084	-.200	-1.094
100	495	-.079	.162	.564	-.581
100	496	-.565	.136	-.208	-1.171
100	497	-.210	.066	.073	-.536
100	498	-.060	.076	.279	-.286
100	499	.098	.098	.573	-.180
100	500	.188	.121	.840	-.114

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	501	.180	.127	.769	-.223
100	502	.078	.121	.635	-.321
100	510	-.448	.088	-.028	-.942
100	511	-.457	.087	-.171	-.900
100	512	-.460	.086	-.150	-.894
100	513	-.190	.089	.215	-.464
100	600	.234	.149	.836	-.255
100	601	.249	.130	.668	-.604
100	602	.215	.120	.628	-.406
100	603	.192	.118	.589	-.300
100	604	.154	.119	.616	-.199
100	605	.099	.118	.578	-.356
100	606	-.014	.107	.415	-.481
100	607	.399	.148	.920	-.094
100	608	.503	.147	1.005	.019
100	609	.561	.139	.983	.125
100	610	.540	.134	.963	.144
100	611	.452	.127	.913	.082
100	612	.226	.109	.646	-.133
100	613	-.020	.090	.358	-.339
100	614	.306	.144	.817	-.143
100	615	.399	.141	.913	-.059
100	616	.449	.137	.975	.024
100	617	.426	.120	.805	.086
100	618	.355	.126	.755	-.034
100	619	.143	.111	.528	-.191
100	620	-.081	.096	.268	-.389
100	621	.198	.159	.717	-.293
100	622	.270	.135	.774	-.208
100	623	.306	.126	.769	-.102
100	624	.282	.123	.729	-.142
100	625	.201	.112	.701	-.165
100	626	.023	.114	.527	-.338
100	627	-.178	.102	.246	-.609
100	628	.014	.123	.589	-.360
100	629	-.005	.103	.432	-.397
100	630	-.073	.071	.206	-.348
100	631	-.120	.056	.085	-.344
100	632	-.131	.060	.095	-.388
100	633	-.191	.080	.147	-.510
100	634	-.320	.102	.084	-.733
100	635	-.180	.094	.102	-.675
100	636	-.232	.152	.269	-.915
100	637	-.284	.187	.372	-1.143
100	638	-.071	.078	.260	-.418
100	639	-.083	.074	.188	-.395
100	640	-.085	.064	.237	-.299
100	641	-.002	.089	.404	-.277
100	642	.036	.094	.405	-.300
100	643	.064	.085	.447	-.249
100	644	.093	.099	.466	-.219
100	645	.194	.120	.713	-.217
100	646	.197	.112	.691	-.157
100	647	.147	.108	.618	-.170
100	648	-.088	.114	.434	-.572
100	650	.215	.125	.647	-.226
100	651	.062	.111	.431	-.361
100	900	-.585	.107	-.322	-1.366
100	901	-.605	.130	-.319	-1.455
100	902	.265	.175	1.065	-.262
100	903	.025	.094	.409	-.298
100	904	-.608	.126	-.302	-1.536
100	905	-.585	.110	-.338	-1.361
100	906	-.608	.142	-.265	-1.474
100	907	-.588	.148	-.193	-1.492
100	908	-.548	.143	.020	-1.445
100	909	-.620	.202	.380	-1.693
100	910	-.654	.198	-.144	-1.752
100	911	-.148	.078	.313	-.414
100	912	-.592	.140	-.012	-1.256
100	913	-.462	.087	-.150	-.909
100	914	-.465	.107	-.091	-1.231
100	915	-.473	.112	-.101	-1.359
100	916	-.517	.092	-.176	-.961
100	917	-.486	.193	.296	-1.417
100	918	-.549	.204	.079	-1.448
100	919	-.521	.131	-.170	-1.149
100	920	-.506	.227	.281	-1.749
110	100	-.489	.063	-.255	-.754
110	101	-.483	.072	-.216	-.859
110	102	-.509	.075	-.260	-1.005
110	103	-.521	.091	-.209	-1.238
110	104	-.525	.108	-.164	-1.484
110	105	-.528	.117	-.090	-1.588
110	106	-.540	.132	-.135	-1.328
110	107	-.437	.057	-.249	-.700
110	108	-.437	.057	-.242	-.704
110	109	-.452	.060	-.248	-.663
110	110	-.474	.067	-.243	-.780
110	111	-.506	.070	-.302	-.792
110	112	-.535	.083	-.291	-.996
110	113	-.536	.097	-.280	-1.015
110	114	-.515	.066	-.306	-.790
110	115	-.478	.075	-.209	-.813
110	116	-.494	.077	-.202	-.850
110	117	-.520	.086	-.279	-.911
110	118	-.576	.088	-.285	-.993
110	119	-.618	.112	-.222	-1.172
110	120	-.626	.117	-.264	-1.255
110	121	-.601	.085	-.349	-.899
110	122	-.605	.083	-.366	-.963
110	123	-.615	.085	-.394	-.980
110	124	-.644	.093	-.379	-1.078
110	125	-.662	.110	-.404	-1.306
110	126	-.674	.116	-.329	-1.315
110	127	-.681	.126	-.291	-1.356
110	128	-.606	.124	-.229	-1.455
110	129	-.597	.138	-.189	-1.461
110	130	-.593	.142	-.187	-1.454
110	131	-.614	.130	-.265	-1.217
110	132	-.600	.107	-.258	-1.200
110	133	-.565	.089	-.202	-1.035
110	134	-.554	.087	-.197	-.971
110	135	-.643	.248	.133	-1.709
110	136	-.420	.166	.044	-1.220
110	137	-.653	.308	-.016	-2.084
110	138	-.310	.139	.058	-1.046
110	139	-.257	.076	.034	-.594
110	140	-.404	.063	-.145	-.644
110	141	-.427	.064	-.191	-.692
110	142	-.431	.065	-.227	-.679
110	143	-.487	.071	-.211	-.823
110	144	-.431	.065	-.125	-.747
110	145	-.401	.088	-.124	-.750
110	150	-.444	.063	-.232	-.767
110	151	-.455	.063	-.249	-.792
110	200	-.486	.111	-.108	-1.088
110	201	-.491	.106	-.133	-1.058
110	202	-.483	.107	-.150	-1.041
110	203	-.483	.115	-.098	-.995
110	204	-.468	.175	-.046	-2.061
110	205	-.479	.182	.005	-2.036
110	206	-.525	.166	-.098	-1.695
110	207	-.535	.187	-.089	-1.725
110	208	-.546	.202	-.074	-1.763
110	209	-.490	.239	.111	-1.716
110	210	-.525	.134	-.076	-1.077
110	211	-.536	.139	-.110	-1.173
110	212	-.499	.150	-.103	-1.107
110	213	-.510	.152	-.081	-1.230
110	214	-.539	.142	-.107	-1.337
110	215	-.541	.134	-.065	-1.138
110	216	-.521	.137	-.096	-1.227
110	217	-.536	.135	-.076	-1.317
110	218	-.550	.138	-.185	-1.321
110	219	-.546	.111	-.256	-1.098
110	220	-.495	.073	-.270	-.914
110	221	-.495	.063	-.281	-.804
110	222	-.482	.056	-.306	-.721
110	223	-.461	.057	-.302	-.737

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	224	-.452	.065	-.242	-.808
110	225	-.461	.072	-.215	-.785
110	226	-.435	.070	-.105	-.924
110	227	-.451	.068	-.199	-.817
110	228	-.517	.086	-.260	-.979
110	229	-.508	.078	-.258	-.835
110	230	-.525	.056	-.354	-.726
110	231	-.522	.074	-.280	-.825
110	232	-.496	.072	-.234	-.759
110	233	-.507	.073	-.229	-.778
110	234	-.507	.073	-.223	-.882
110	235	-.501	.072	-.287	-.818
110	236	-.471	.069	-.253	-.754
110	237	-.431	.062	-.266	-.766
110	238	-.586	.094	-.316	-1.021
110	239	-.554	.080	-.287	-1.015
110	240	-.522	.061	-.337	-.788
110	241	-.460	.055	-.270	-.701
110	242	-.459	.055	-.250	-.755
110	243	-.522	.079	-.265	-.845
110	244	-.452	.056	-.242	-.738
110	245	-.446	.066	-.224	-.715
110	246	-.526	.083	-.226	-1.077
110	247	-.485	.070	-.183	-.845
110	248	-.503	.069	-.297	-.916
110	249	-.468	.067	-.240	-.900
110	250	-.490	.067	-.234	-.986
110	251	-.490	.070	-.226	-1.145
110	252	-.483	.066	-.292	-1.134
110	253	-.448	.066	-.255	-1.101
110	254	-.467	.060	-.284	-1.024
110	255	-.431	.054	-.208	-.765
110	256	-.657	.106	-.361	-1.241
110	257	-.642	.097	-.318	-1.497
110	258	-.573	.092	-.284	-1.081
110	259	-.531	.088	-.236	-.971
110	260	-.499	.089	-.214	-.855
110	261	-.542	.094	-.254	-1.059
110	262	-.503	.071	-.198	-.896
110	263	-.462	.076	-.182	-.834
110	264	-.521	.084	-.282	-1.104
110	265	-.499	.071	-.243	-.855
110	266	-.515	.074	-.223	-1.025
110	267	-.485	.074	-.197	-.989
110	268	-.462	.068	-.224	-.816
110	269	-.508	.079	-.195	-1.079
110	270	-.502	.081	-.216	-1.003
110	271	-.469	.078	-.194	-1.142
110	272	-.452	.075	-.150	-1.248
110	273	-.489	.078	-.154	-1.075
110	274	-.589	.096	-.290	-1.037
110	275	-.546	.089	-.253	-.977
110	276	-.531	.080	-.213	-.958
110	277	-.539	.080	-.124	-.876
110	278	-.518	.081	-.150	-.901
110	279	-.525	.096	-.046	-1.143
110	280	-.506	.082	-.172	-.916
110	281	-.497	.077	-.168	-.806
110	282	-.525	.079	-.250	-.910
110	283	-.517	.075	-.249	-.890
110	284	-.487	.077	-.219	-.856
110	285	-.467	.068	-.240	-.866
110	286	-.523	.086	-.204	-.946
110	287	-.536	.090	-.280	-1.101
110	288	-.508	.091	-.257	-.996
110	289	-.468	.084	-.170	-.860
110	290	-.562	.113	-.243	-1.232
110	291	-.562	.125	-.164	-1.319
110	292	-.569	.141	-.226	-1.471
110	293	-.525	.117	-.130	-1.164
110	294	-.559	.155	-.105	-1.261
110	295	-.481	.083	-.214	-.826
110	296	-.456	.090	-.095	-.858
110	297	-.469	.098	-.116	-.979
110	298	-.503	.098	-.105	-.942
110	299	-.524	.098	-.244	-.894
110	300	-.502	.091	-.199	-.900
110	301	-.499	.097	-.123	-.873
110	302	-.498	.120	-.075	-1.159
110	303	-.461	.116	-.045	-.961
110	304	-.393	.104	.228	-.859
110	305	-.376	.097	.150	-.742
110	306	-.437	.098	.052	-.810
110	307	-.414	.118	.005	-.984
110	308	-.416	.072	-.207	-.835
110	309	-.481	.087	-.146	-.963
110	310	-.486	.092	-.221	-.963
110	311	-.455	.090	-.163	-.948
110	312	-.461	.129	-.008	-1.060
110	313	-.424	.123	-.016	-.840
110	314	-.401	.108	.095	-.935
110	315	-.383	.071	-.001	-.766
110	316	-.398	.074	-.017	-.748
110	320	-.473	.162	-.113	-2.154
110	321	-.457	.167	-.077	-1.515
110	322	-.483	.186	-.079	-1.798
110	323	-.487	.197	.021	-1.741
110	400	-.518	.205	-.014	-1.739
110	401	-.523	.229	.336	-1.930
110	402	-.521	.211	.164	-1.975
110	403	-.530	.153	.177	-1.309
110	404	-.509	.144	.051	-1.030
110	405	-.476	.162	-.065	-1.357
110	406	-.496	.145	-.049	-1.389
110	407	-.521	.127	-.029	-1.187
110	408	-.338	.127	.204	-.804
110	409	-.251	.137	.372	-.735
110	410	-.178	.149	.463	-.740
110	411	-.051	.139	.490	-.658
110	412	.020	.141	.757	-.628
110	413	.020	.200	.717	-.956
110	414	-.534	.094	-.246	-.987
110	415	-.527	.094	-.227	-.918
110	416	-.532	.103	-.202	-.963
110	417	-.516	.113	-.193	-.976
110	418	-.520	.108	-.236	-.940
110	419	-.513	.120	-.193	-.957
110	420	-.531	.080	-.277	-.792
110	421	-.506	.077	-.272	-.747
110	422	-.527	.078	-.273	-.818
110	423	-.516	.075	-.276	-.754
110	424	-.519	.076	-.316	-.893
110	425	-.497	.075	-.297	-.861
110	426	-.501	.074	-.305	-.821
110	427	-.489	.072	-.298	-.793
110	428	-.490	.068	-.277	-.768
110	429	-.458	.064	-.265	-.700
110	430	-.433	.060	-.253	-.674
110	431	-.505	.111	-.254	-1.331
110	432	-.296	.063	-.040	-.531
110	433	-.195	.070	.083	-.446
110	434	-.068	.094	.318	-.394
110	435	.102	.110	.586	-.330
110	436	.166	.145	.658	-.594
110	437	.091	.185	.720	-.943
110	438	-.514	.074	-.256	-.847
110	439	-.498	.071	-.242	-.817
110	440	-.532	.069	-.282	-1.055
110	441	-.500	.068	-.262	-.914
110	442	-.506	.071	-.268	-.967
110	443	-.496	.070	-.271	-1.033
110	444	-.510	.072	-.296	-1.128
110	445	-.475	.070	-.272	-1.050
110	446	-.477	.067	-.278	-.928
110	447	-.461	.065	-.257	-.785
110	448	-.436	.056	-.259	-.847
110	449	-.457	.074	-.170	-1.205
110	450	-.285	.060	.250	-.713
110	451	-.158	.067	.414	-.460
110	452	-.055	.083	.339	-.296

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	453	.125	.103	.583	-.155
110	454	.179	.130	.668	-.390
110	455	.087	.178	.710	-.619
110	456	-.547	.080	-.306	-.966
110	457	-.498	.076	-.257	-.881
110	458	-.513	.082	-.222	-1.121
110	459	-.502	.080	-.239	-1.069
110	460	-.543	.079	-.272	-1.154
110	461	-.496	.080	-.220	-1.182
110	462	-.505	.081	-.234	-1.209
110	463	-.494	.080	-.193	-1.297
110	464	-.513	.091	-.138	-1.334
110	465	-.486	.089	-.067	-1.561
110	466	-.454	.078	-.189	-1.326
110	467	-.516	.101	-.252	-1.792
110	468	-.251	.063	.071	-.653
110	469	-.136	.073	.201	-.509
110	470	.001	.092	.386	-.293
110	471	.129	.109	.595	-.324
110	472	.181	.129	.727	-.522
110	473	.140	.167	.688	-.466
110	474	-.510	.085	-.172	-.952
110	475	-.515	.080	-.213	-.860
110	476	-.522	.085	-.093	-1.110
110	477	-.528	.079	-.298	-.977
110	478	-.510	.084	-.225	-.914
110	479	-.532	.088	-.192	-.936
110	480	-.542	.098	-.273	-1.027
110	481	-.564	.116	-.217	-1.655
110	482	-.568	.145	-.022	-1.845
110	483	-.696	.184	-.093	-1.899
110	484	-.602	.136	-.111	-1.406
110	485	-.743	.187	-.270	-1.844
110	486	-.329	.092	-.003	-.828
110	487	-.170	.087	.162	-.550
110	488	-.015	.105	.362	-.344
110	489	.072	.131	.650	-.322
110	490	.111	.149	.696	-.454
110	491	.092	.169	.670	-.479
110	492	-.450	.087	-.133	-.953
110	493	-.417	.089	-.132	-.970
110	494	-.488	.105	-.021	-1.170
110	495	-.051	.179	.710	-.585
110	496	-.608	.171	-.173	-1.445
110	497	-.216	.069	.144	-.489
110	498	-.050	.085	.289	-.310
110	499	.128	.113	.534	-.165
110	500	.226	.141	.760	-.130
110	501	.222	.141	.822	-.204
110	502	.104	.124	.646	-.352

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	510	-.454	.120	-.113	-1.138
110	511	-.462	.116	-.108	-.981
110	512	-.456	.114	-.101	-.965
110	513	-.278	.107	.217	-.672
110	600	.288	.173	1.036	-.411
110	601	.305	.153	.888	-.255
110	602	.250	.128	.784	-.130
110	603	.178	.119	.572	-.250
110	604	.133	.107	.486	-.339
110	605	.030	.096	.298	-.336
110	606	-.083	.083	.182	-.406
110	607	.423	.154	.910	-.016
110	608	.536	.157	1.023	.123
110	609	.561	.141	1.024	.124
110	610	.515	.127	.881	.093
110	611	.396	.111	.702	.039
110	612	.156	.088	.426	-.089
110	613	-.050	.075	.261	-.297
110	614	.361	.144	.786	-.058
110	615	.461	.143	.910	.041
110	616	.499	.135	.931	.111
110	617	.449	.123	.862	.053
110	618	.341	.108	.687	.008
110	619	.121	.090	.438	-.145
110	620	-.091	.075	.176	-.344
110	621	.290	.153	.843	-.384
110	622	.351	.150	.844	-.176
110	623	.359	.137	.809	-.007
110	624	.301	.123	.727	-.041
110	625	.203	.110	.659	-.143
110	626	.002	.092	.421	-.301
110	627	-.201	.084	.180	-.523
110	628	.084	.139	.684	-.360
110	629	.048	.117	.534	-.342
110	630	-.047	.075	.216	-.316
110	631	-.112	.056	.126	-.469
110	632	-.147	.054	.098	-.483
110	633	-.225	.071	.076	-.522
110	634	-.344	.083	.106	-.668
110	635	-.173	.090	.188	-.766
110	636	-.184	.159	.291	-.874
110	637	-.226	.191	.414	-1.125
110	638	-.065	.086	.241	-.415
110	639	-.062	.077	.216	-.389
110	640	-.084	.061	.184	-.299
110	641	-.002	.088	.424	-.275
110	642	.026	.096	.514	-.344
110	643	.030	.082	.453	-.252
110	644	.027	.088	.373	-.328
110	645	.126	.116	.608	-.282

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	646	.153	.117	.622	-.192
110	647	.116	.112	.544	-.225
110	648	-.134	.118	.305	-.577
110	650	.165	.102	.580	-.195
110	651	.014	.089	.355	-.318
110	900	-.639	.170	-.278	-1.647
110	901	-.654	.190	-.222	-1.954
110	902	.296	.185	1.072	-.228
110	903	.001	.126	.588	-.394
110	904	-.659	.191	-.247	-1.727
110	905	-.641	.151	-.296	-1.693
110	906	-.669	.181	.014	-1.440
110	907	-.648	.233	.183	-2.017
110	908	-.553	.165	.249	-2.162
110	909	-.538	.249	.322	-1.597
110	910	-.649	.287	.417	-1.889
110	911	-.155	.084	.288	-.415
110	912	-.551	.160	.036	-1.365
110	913	-.500	.097	-.152	-.958
110	914	-.462	.126	-.099	-1.138
110	915	-.470	.132	-.058	-1.275
110	916	-.536	.099	-.236	-.994
110	917	-.435	.218	.402	-1.373
110	918	-.474	.201	.139	-1.274
110	919	-.525	.125	-.123	-1.186
110	920	-.423	.211	.270	-1.321
120	100	-.450	.088	-.145	-.940
120	101	-.472	.102	-.040	-1.152
120	102	-.545	.100	-.204	-1.251
120	103	-.454	.100	-.106	-.954
120	104	-.465	.113	-.108	-1.050
120	105	-.457	.123	-.069	-1.092
120	106	-.542	.136	-.137	-1.459
120	107	-.389	.061	-.211	-.715
120	108	-.406	.062	-.229	-.756
120	109	-.405	.063	-.148	-.699
120	110	-.495	.065	-.229	-.794
120	111	-.419	.059	-.228	-.691
120	112	-.449	.059	-.280	-.708
120	113	-.452	.066	-.261	-.868
120	114	-.372	.054	-.201	-.607
120	115	-.457	.061	-.245	-.972
120	116	-.380	.060	-.171	-.962
120	117	-.409	.059	-.237	-.844
120	118	-.427	.061	-.253	-.728
120	119	-.550	.077	-.334	-1.027
120	120	-.470	.081	-.243	-1.009
120	121	-.439	.069	-.242	-.844
120	122	-.434	.066	-.204	-.797
120	123	-.528	.073	-.318	-1.029

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	124	-.455	.074	-.253	-.802
120	125	-.480	.074	-.290	-.950
120	126	-.499	.080	-.293	-.846
120	127	-.594	.092	-.356	-1.248
120	128	-.489	.094	-.206	-1.409
120	129	-.472	.115	-.084	-1.362
120	130	-.491	.120	-.212	-1.272
120	131	-.491	.099	-.253	-1.041
120	132	-.563	.087	-.332	-1.010
120	133	-.433	.068	-.171	-.703
120	134	-.435	.066	-.111	-.698
120	135	-.495	.193	.098	-1.496
120	136	-.435	.150	.042	-1.162
120	137	-.627	.274	.128	-1.732
120	138	-.254	.125	.111	-.846
120	139	-.188	.065	.073	-.440
120	140	-.387	.054	-.186	-.624
120	141	-.317	.048	-.131	-.526
120	142	-.330	.047	-.126	-.547
120	143	-.381	.057	-.155	-.625
120	144	-.425	.052	-.215	-.634
120	145	-.327	.063	-.040	-.654
120	150	-.441	.090	-.083	-1.357
120	151	-.440	.088	-.085	-1.023
120	200	-.423	.115	-.048	-.964
120	201	-.433	.112	-.086	-1.058
120	202	-.428	.110	-.089	-1.113
120	203	-.436	.107	-.110	-.921
120	204	-.450	.117	-.063	-1.695
120	205	-.468	.115	-.125	-1.138
120	206	-.506	.144	-.136	-1.482
120	207	-.512	.151	-.143	-1.660
120	208	-.508	.164	-.053	-1.773
120	209	-.501	.173	-.020	-1.720
120	210	-.518	.140	-.020	-1.292
120	211	-.532	.127	-.113	-1.149
120	212	-.511	.128	-.163	-1.232
120	213	-.533	.136	-.193	-1.326
120	214	-.522	.132	.014	-1.237
120	215	-.537	.120	-.251	-1.095
120	216	-.525	.121	-.192	-1.105
120	217	-.503	.120	-.077	-1.065
120	218	-.541	.121	-.239	-1.139
120	219	-.475	.101	-.054	-1.057
120	220	-.405	.057	-.226	-.623
120	221	-.419	.054	-.238	-.622
120	222	-.423	.055	-.255	-.694
120	223	-.436	.057	-.288	-.715
120	224	-.441	.068	-.268	-.821
120	225	-.463	.072	-.235	-.938
120	226	-.445	.072	-.219	-.797
120	227	-.467	.081	-.250	-.904
120	228	-.425	.083	-.127	-.901
120	229	-.434	.081	-.060	-.876
120	230	-.444	.062	-.213	-.696
120	231	-.463	.095	-.120	-.935
120	232	-.449	.096	-.077	-.949
120	233	-.487	.106	.018	-1.077
120	234	-.499	.112	-.036	-1.416
120	235	-.516	.120	-.105	-1.442
120	236	-.493	.116	-.070	-1.321
120	237	-.498	.111	-.174	-1.486
120	238	-.424	.053	-.221	-.669
120	239	-.408	.045	-.234	-.572
120	240	-.419	.043	-.275	-.590
120	241	-.387	.045	-.255	-.589
120	242	-.400	.052	-.226	-.732
120	243	-.407	.062	-.202	-.710
120	244	-.422	.064	-.161	-.815
120	245	-.411	.073	-.093	-1.037
120	246	-.459	.095	-.154	-.948
120	247	-.439	.085	-.066	-.839
120	248	-.457	.102	-.076	-1.049
120	249	-.437	.108	.157	-1.298
120	250	-.461	.112	-.063	-1.313
120	251	-.479	.134	-.052	-1.320
120	252	-.489	.134	-.069	-1.393
120	253	-.471	.148	-.061	-1.504
120	254	-.489	.146	-.106	-1.570
120	255	-.485	.183	-.068	-1.868
120	256	-.477	.062	-.284	-.798
120	257	-.453	.062	-.273	-.895
120	258	-.399	.054	-.243	-.722
120	259	-.385	.047	-.240	-.641
120	260	-.378	.050	-.214	-.627
120	261	-.379	.061	-.162	-.661
120	262	-.366	.060	-.173	-.628
120	263	-.388	.071	-.134	-.775
120	264	-.453	.095	-.171	-1.143
120	265	-.425	.080	-.124	-.805
120	266	-.450	.097	-.123	-1.085
120	267	-.430	.105	-.076	-1.044
120	268	-.435	.109	-.062	-1.087
120	269	-.464	.128	-.062	-1.271
120	270	-.466	.135	-.029	-1.284
120	271	-.450	.149	.048	-1.625
120	272	-.446	.144	.072	-1.700
120	273	-.477	.159	-.064	-1.472
120	274	-.424	.065	-.180	-.746
120	275	-.387	.059	-.202	-.678
120	276	-.400	.054	-.221	-.697
120	277	-.400	.053	-.216	-.755
120	278	-.407	.057	-.197	-.893
120	279	-.406	.069	-.164	-.859
120	280	-.382	.066	-.070	-.653
120	281	-.377	.063	.015	-.631
120	282	-.437	.074	-.194	-1.044
120	283	-.408	.066	-.187	-.801
120	284	-.400	.070	-.143	-.959
120	285	-.386	.064	-.186	-.641
120	286	-.432	.079	-.185	-1.044
120	287	-.436	.087	-.114	-1.080
120	288	-.411	.090	-.097	-1.085
120	289	-.405	.084	-.122	-1.113
120	290	-.453	.116	-.120	-1.158
120	291	-.448	.113	-.102	-1.073
120	292	-.435	.124	-.083	-1.235
120	293	-.437	.110	-.111	-1.284
120	294	-.501	.130	-.110	-1.230
120	295	-.413	.075	-.206	-.969
120	296	-.391	.084	-.158	-.819
120	297	-.404	.092	-.125	-.850
120	298	-.379	.071	-.175	-.699
120	299	-.382	.072	-.187	-.727
120	300	-.364	.068	-.192	-.693
120	301	-.385	.064	-.204	-.711
120	302	-.385	.064	-.183	-.686
120	303	-.383	.078	-.141	-.745
120	304	-.317	.074	.087	-.666
120	305	-.301	.075	.072	-.678
120	306	-.363	.078	-.046	-.898
120	307	-.331	.069	.005	-.646
120	308	-.356	.055	-.172	-.556
120	309	-.412	.068	-.170	-.697
120	310	-.415	.074	-.209	-.730
120	311	-.385	.072	-.151	-.666
120	312	-.346	.103	-.048	-1.217
120	313	-.343	.090	.016	-.728
120	314	-.321	.073	-.005	-.644
120	315	-.324	.053	-.136	-.606
120	316	-.334	.054	-.125	-.595
120	320	-.475	.112	-.164	-1.623
120	321	-.494	.125	-.135	-1.323
120	322	-.508	.144	-.147	-1.381
120	323	-.515	.142	-.125	-1.438
120	400	-.503	.176	.014	-1.779
120	401	-.499	.201	.095	-2.295
120	402	-.512	.196	.191	-2.579
120	403	-.535	.149	-.042	-1.399
120	404	-.534	.147	.019	-1.898

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	405	-.510	.148	-.179	-1.818
120	406	-.538	.162	-.118	-1.683
120	407	-.546	.150	-.210	-1.869
120	408	-.468	.116	-.132	-1.102
120	409	-.457	.125	.014	-1.256
120	410	-.447	.145	.160	-.926
120	411	-.423	.170	.220	-1.190
120	412	-.419	.243	.291	-1.639
120	413	-.689	.415	.410	-2.532
120	414	-.458	.094	-.081	-1.004
120	415	-.474	.094	-.152	-1.019
120	416	-.495	.102	-.166	-1.064
120	417	-.523	.109	-.137	-1.175
120	418	-.529	.108	-.199	-1.044
120	419	-.543	.121	-.285	-1.222
120	420	-.436	.089	.091	-.867
120	421	-.423	.082	.108	-.786
120	422	-.445	.090	-.074	-.996
120	423	-.445	.090	-.072	-1.072
120	424	-.479	.092	-.047	-1.071
120	425	-.482	.096	-.090	-1.016
120	426	-.504	.110	-.151	-1.206
120	427	-.508	.115	-.091	-1.311
120	428	-.520	.121	.027	-1.768
120	429	-.503	.124	-.160	-1.484
120	430	-.505	.122	-.124	-1.700
120	431	-.532	.149	-.094	-2.282
120	432	-.442	.093	-.104	-1.090
120	433	-.417	.094	.006	-.945
120	434	-.392	.106	.040	-.956
120	435	-.394	.190	.310	-1.502
120	436	-.551	.394	.450	-2.433
120	437	-.834	.396	.477	-2.405
120	438	-.429	.100	.015	-1.242
120	439	-.418	.090	-.115	-1.074
120	440	-.453	.109	.124	-1.064
120	441	-.442	.117	.100	-1.078
120	442	-.463	.138	.006	-1.466
120	443	-.466	.148	.133	-1.321
120	444	-.501	.169	.067	-1.397
120	445	-.490	.188	.222	-1.806
120	446	-.515	.229	.220	-2.480
120	447	-.502	.196	.114	-1.862
120	448	-.493	.199	.113	-1.958
120	449	-.523	.259	-.085	-2.482
120	450	-.380	.143	.129	-1.278
120	451	-.300	.114	.240	-.958
120	452	-.269	.103	.238	-.665
120	453	-.197	.137	.380	-.974
120	454	-.284	.296	.401	-1.676
120	455	-.609	.349	.459	-1.748
120	456	-.449	.092	.143	-.876
120	457	-.412	.086	-.031	-.853
120	458	-.429	.102	.037	-.919
120	459	-.426	.105	-.050	-.951
120	460	-.470	.120	-.044	-1.285
120	461	-.443	.129	.046	-1.341
120	462	-.460	.146	.061	-1.237
120	463	-.460	.156	.054	-1.456
120	464	-.499	.197	.263	-2.586
120	465	-.466	.175	.057	-1.721
120	466	-.487	.182	.181	-1.688
120	467	-.523	.240	.102	-2.414
120	468	-.286	.113	.210	-1.092
120	469	-.178	.102	.474	-.671
120	470	-.062	.095	.441	-.404
120	471	.043	.102	.506	-.364
120	472	.093	.119	.557	-.529
120	473	-.028	.178	.523	-.928
120	474	-.407	.070	-.125	-.748
120	475	-.418	.068	-.131	-.700
120	476	-.432	.075	-.103	-.882
120	477	-.426	.074	-.152	-.743
120	478	-.413	.084	-.087	-.861
120	479	-.442	.093	-.124	-1.046
120	480	-.463	.115	-.105	-1.049
120	481	-.463	.112	-.061	-1.104
120	482	-.459	.140	.002	-1.524
120	483	-.544	.174	-.143	-1.641
120	484	-.547	.168	-.063	-1.888
120	485	-.652	.211	-.045	-2.305
120	486	-.337	.106	.091	-.916
120	487	-.234	.095	.120	-.665
120	488	-.134	.105	.311	-.517
120	489	-.063	.113	.443	-.558
120	490	-.008	.127	.594	-.516
120	491	-.018	.141	.642	-.579
120	492	-.362	.067	-.144	-.684
120	493	-.342	.057	-.037	-.576
120	494	-.416	.080	-.181	-.816
120	495	-.105	.151	.527	-.731
120	496	-.498	.148	-.003	-1.255
120	497	-.236	.081	.164	-.529
120	498	-.130	.087	.246	-.384
120	499	-.016	.103	.419	-.295
120	500	.035	.113	.637	-.283
120	501	.047	.110	.654	-.389
120	502	.012	.097	.483	-.483
120	510	-.533	.133	-.262	-1.421
120	511	-.531	.135	-.186	-1.447
120	512	-.541	.135	-.149	-1.269
120	513	-.479	.102	-.145	-1.001
120	600	-.173	.303	1.133	-1.207
120	601	.022	.280	.910	-1.023
120	602	.089	.247	.996	-.826
120	603	.151	.211	.865	-.697
120	604	.144	.170	.763	-.615
120	605	.037	.134	.674	-.677
120	606	-.137	.119	.377	-.851
120	607	-.166	.271	.635	-1.081
120	608	.155	.261	1.085	-.763
120	609	.437	.213	1.166	-.571
120	610	.463	.186	1.056	-.432
120	611	.423	.143	1.050	-.124
120	612	.188	.112	.708	-.453
120	613	-.010	.092	.445	-.568
120	614	-.085	.236	.612	-.989
120	615	.259	.191	.826	-.546
120	616	.469	.164	1.050	-.408
120	617	.490	.159	1.123	-.260
120	618	.386	.134	1.001	-.069
120	619	.117	.109	.677	-.334
120	620	-.021	.080	.476	-.370
120	621	.249	.154	.957	-.393
120	622	.365	.145	.991	-.143
120	623	.365	.146	.929	-.029
120	624	.353	.124	.777	-.014
120	625	.279	.120	.802	-.068
120	626	.055	.084	.436	-.229
120	627	-.095	.078	.221	-.396
120	628	-.046	.153	.547	-.629
120	629	-.001	.121	.468	-.469
120	630	-.088	.082	.209	-.378
120	631	-.142	.058	.199	-.416
120	632	-.237	.054	.117	-.488
120	633	-.221	.062	.018	-.494
120	634	-.321	.069	-.001	-.635
120	635	-.206	.060	.131	-.491
120	636	-.130	.094	.326	-.708
120	637	-.131	.159	.335	-.922
120	638	-.076	.104	.357	-.563
120	639	-.098	.108	.310	-.545
120	640	-.155	.053	.141	-.363
120	641	-.099	.072	.259	-.335
120	642	-.080	.089	.326	-.519
120	643	-.069	.078	.232	-.415
120	644	-.066	.083	.379	-.456
120	645	.028	.128	.647	-.444
120	646	.124	.135	.767	-.317
120	647	.135	.122	.595	-.299

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	648	-.059	.103	.343	-.437
120	650	.189	.135	.688	-.608
120	651	.045	.114	.558	-.583
120	900	-.686	.196	-.031	-2.192
120	901	-.709	.225	.144	-2.543
120	902	.068	.172	.965	-.656
120	903	-.189	.084	.303	-.509
120	904	-.733	.241	.072	-2.113
120	905	-.684	.200	.033	-1.617
120	906	-.697	.250	.259	-1.781
120	907	-.587	.224	.055	-1.725
120	908	-.492	.197	.191	-1.308
120	909	-.442	.196	.147	-1.431
120	910	-.499	.223	.105	-1.733
120	911	-.145	.102	.261	-.482
120	912	-.503	.182	.170	-1.252
120	913	-.377	.069	-.150	-.668
120	914	-.482	.097	-.060	-.909
120	915	-.496	.103	-.100	-.956
120	916	-.385	.060	-.129	-.710
120	917	-.343	.175	.322	-1.162
120	918	-.380	.169	.221	-1.234
120	919	-.386	.060	-.215	-.656
120	920	-.328	.172	.446	-1.129
130	100	-.435	.159	0.000	-1.669
130	101	-.450	.161	.091	-1.838
130	102	-.496	.154	-.074	-1.708
130	103	-.399	.129	-.031	-1.124
130	104	-.399	.119	-.080	-1.260
130	105	-.378	.113	-.091	-1.188
130	106	-.453	.120	-.169	-1.291
130	107	-.397	.163	.001	-1.444
130	108	-.388	.147	-.000	-1.633
130	109	-.368	.127	0.000	-1.095
130	110	-.426	.108	-.072	-1.003
130	111	-.337	.084	-.094	-.771
130	112	-.345	.072	-.156	-.708
130	113	-.354	.085	-.140	-.930
130	114	-.372	.159	.162	-1.888
130	115	-.418	.144	.001	-1.560
130	116	-.336	.123	-.004	-1.087
130	117	-.344	.106	-.063	-1.149
130	118	-.334	.083	-.133	-.805
130	119	-.409	.074	-.206	-.849
130	120	-.338	.078	-.143	-.722
130	121	-.355	.076	-.126	-.831
130	122	-.368	.089	-.162	-1.107
130	123	-.450	.097	-.120	-1.127
130	124	-.376	.087	-.168	-.858
130	125	-.381	.079	-.171	-.999
130	126	-.377	.066	-.103	-.705
130	127	-.461	.074	-.185	-.833
130	128	-.430	.138	-.123	-1.530
130	129	-.444	.148	-.091	-1.958
130	130	-.441	.133	-.020	-1.596
130	131	-.392	.087	-.098	-.771
130	132	-.413	.070	-.147	-.750
130	133	-.292	.052	.060	-.530
130	134	-.300	.046	-.030	-.532
130	135	-.278	.104	.061	-.815
130	136	-.332	.086	.006	-.898
130	137	-.326	.147	.021	-1.571
130	138	-.246	.061	-.025	-.793
130	139	-.232	.044	-.001	-.459
130	140	-.329	.039	-.169	-.478
130	141	-.251	.035	-.131	-.377
130	142	-.256	.035	-.143	-.359
130	143	-.288	.044	-.128	-.457
130	144	-.333	.040	-.195	-.446
130	145	-.263	.038	-.130	-.399
130	150	-.443	.152	-.026	-1.433
130	151	-.434	.143	-.041	-1.130
130	200	-.345	.094	-.133	-.919
130	201	-.353	.089	-.149	-1.018
130	202	-.347	.088	-.132	-.940
130	203	-.345	.085	-.125	-.946
130	204	-.361	.102	.048	-1.116
130	205	-.365	.106	-.033	-1.120
130	206	-.342	.095	-.078	-.920
130	207	-.349	.107	-.048	-1.046
130	208	-.316	.103	.264	-.985
130	209	-.323	.093	.111	-.754
130	210	-.299	.093	.150	-.582
130	211	-.432	.088	-.060	-.800
130	212	-.395	.076	-.081	-.721
130	213	-.426	.076	-.091	-.720
130	214	-.396	.081	-.023	-.701
130	215	-.440	.097	-.065	-.994
130	216	-.388	.079	-.081	-.794
130	217	-.435	.108	-.061	-.878
130	218	-.440	.098	-.103	-.903
130	219	-.600	.254	.144	-1.930
130	220	-.306	.058	-.096	-.593
130	221	-.312	.053	-.120	-.548
130	222	-.312	.051	-.120	-.541
130	223	-.339	.061	-.173	-.613
130	224	-.337	.072	-.034	-.682
130	225	-.348	.080	-.101	-.749
130	226	-.352	.087	-.080	-.902
130	227	-.376	.088	-.117	-.887
130	228	-.305	.089	.085	-.760
130	229	-.344	.097	.263	-.686
130	230	-.363	.063	-.164	-.567
130	231	-.362	.105	.199	-.725
130	232	-.341	.105	.249	-.691
130	233	-.362	.109	.336	-.808
130	234	-.372	.113	.330	-.813
130	235	-.389	.113	.189	-.800
130	236	-.377	.112	.191	-.794
130	237	-.417	.122	.399	-1.035
130	238	-.317	.057	-.144	-.599
130	239	-.313	.049	-.149	-.536
130	240	-.325	.043	-.203	-.497
130	241	-.314	.049	-.167	-.585
130	242	-.328	.056	-.144	-.602
130	243	-.342	.065	-.095	-.799
130	244	-.349	.058	-.123	-.702
130	245	-.331	.063	-.080	-.732
130	246	-.337	.064	-.070	-.624
130	247	-.324	.065	-.020	-.537
130	248	-.327	.073	.085	-.572
130	249	-.297	.075	.149	-.561
130	250	-.300	.074	.143	-.588
130	251	-.296	.082	.117	-.586
130	252	-.296	.090	.056	-.766
130	253	-.273	.108	.113	-.786
130	254	-.245	.135	.200	-.980
130	255	-.253	.136	.297	-1.121
130	256	-.351	.048	-.210	-.571
130	257	-.349	.046	-.210	-.542
130	258	-.315	.038	-.196	-.457
130	259	-.327	.043	-.206	-.607
130	260	-.344	.059	-.227	-.848
130	261	-.346	.071	-.184	-.810
130	262	-.350	.084	-.162	-1.037
130	263	-.339	.075	-.165	-.853
130	264	-.346	.063	-.108	-.667
130	265	-.334	.055	-.093	-.562
130	266	-.344	.055	-.111	-.575
130	267	-.323	.057	-.090	-.617
130	268	-.324	.067	-.040	-.636
130	269	-.339	.063	-.093	-.600
130	270	-.348	.073	-.047	-.829
130	271	-.333	.088	-.034	-.935
130	272	-.284	.102	.157	-.751
130	273	-.349	.129	.083	-.987
130	274	-.316	.044	-.158	-.549
130	275	-.290	.039	-.160	-.547
130	276	-.291	.035	-.158	-.447
130	277	-.304	.030	-.174	-.461

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	278	-.298	.035	-.167	-.506
130	279	-.299	.048	-.151	-.619
130	280	-.280	.052	-.109	-.588
130	281	-.287	.054	-.138	-.721
130	282	-.312	.046	-.143	-.542
130	283	-.307	.042	-.158	-.516
130	284	-.289	.046	-.109	-.496
130	285	-.293	.047	-.108	-.444
130	286	-.317	.050	-.119	-.593
130	287	-.315	.049	-.156	-.504
130	288	-.294	.051	-.104	-.633
130	289	-.288	.051	-.106	-.494
130	290	-.325	.060	-.121	-.593
130	291	-.334	.060	-.141	-.612
130	292	-.324	.069	-.119	-.694
130	293	-.309	.055	-.129	-.562
130	294	-.346	.060	-.136	-.624
130	295	-.300	.041	-.099	-.455
130	296	-.280	.045	-.051	-.563
130	297	-.291	.049	.007	-.485
130	298	-.291	.043	-.121	-.456
130	299	-.285	.041	-.153	-.433
130	300	-.262	.039	-.150	-.389
130	301	-.273	.039	-.120	-.442
130	302	-.279	.044	-.139	-.469
130	303	-.269	.045	-.052	-.420
130	304	-.278	.042	-.031	-.499
130	305	-.263	.035	-.078	-.382
130	306	-.298	.036	-.184	-.452
130	307	-.272	.039	-.113	-.437
130	308	-.262	.030	-.120	-.375
130	309	-.297	.036	-.141	-.422
130	310	-.300	.038	-.130	-.509
130	311	-.268	.037	-.121	-.428
130	312	-.277	.052	-.084	-.576
130	313	-.276	.046	-.083	-.492
130	314	-.274	.038	-.026	-.393
130	315	-.272	.029	-.158	-.392
130	316	-.280	.030	-.141	-.406
130	320	-.364	.102	-.085	-1.068
130	321	-.358	.099	-.033	-.941
130	322	-.378	.114	-.015	-.988
130	323	-.368	.127	.244	-1.047
130	400	-.295	.086	.165	-.644
130	401	-.327	.084	.266	-.685
130	402	-.350	.081	.119	-.776
130	403	-.374	.070	-.110	-.713
130	404	-.319	.070	-.014	-.639
130	405	-.469	.088	-.133	-1.141
130	406	-.465	.083	-.162	-.943
130	407	-.457	.080	-.211	-1.099
130	408	-.486	.086	-.266	-.891
130	409	-.435	.080	-.230	-.982
130	410	-.471	.087	-.150	-1.460
130	411	-.461	.103	-.177	-1.060
130	412	-.482	.115	-.140	-1.207
130	413	-.466	.143	-.120	-1.509
130	414	-.404	.144	.338	-1.075
130	415	-.407	.129	.342	-.960
130	416	-.439	.127	.218	-.924
130	417	-.397	.106	.127	-.819
130	418	-.428	.102	.090	-.825
130	419	-.407	.090	-.034	-.914
130	420	-.262	.150	.475	-.810
130	421	-.294	.098	.393	-.658
130	422	-.345	.115	.367	-.728
130	423	-.338	.116	.294	-.737
130	424	-.346	.128	.460	-.810
130	425	-.305	.121	.362	-.711
130	426	-.370	.118	.288	-.829
130	427	-.348	.120	.246	-.821
130	428	-.400	.127	.403	-1.050
130	429	-.395	.118	.161	-.982
130	430	-.441	.143	.201	-1.305
130	431	-.469	.127	-.017	-1.158
130	432	-.537	.156	-.067	-1.271
130	433	-.445	.120	-.055	-1.245
130	434	-.447	.104	.005	-1.009
130	435	-.453	.164	-.024	-1.400
130	436	-.479	.198	-.000	-1.537
130	437	-.437	.207	.053	-1.607
130	438	-.250	.118	.370	-.579
130	439	-.303	.071	.033	-.560
130	440	-.314	.083	.090	-.601
130	441	-.231	.096	.276	-.560
130	442	-.269	.097	.428	-.605
130	443	-.220	.112	.349	-.522
130	444	-.259	.100	.237	-.599
130	445	-.162	.130	.458	-.680
130	446	-.164	.172	.456	-1.094
130	447	-.246	.159	.313	-.905
130	448	-.155	.193	.575	-1.109
130	449	-.180	.209	.450	-1.626
130	450	-.265	.150	.216	-1.058
130	451	-.227	.114	.169	-.752
130	452	-.281	.106	.161	-.746
130	453	-.248	.129	.252	-.984
130	454	-.355	.216	.151	-1.429
130	455	-.381	.258	.196	-1.460
130	456	-.308	.083	.054	-.596
130	457	-.293	.054	-.060	-.505
130	458	-.326	.061	-.052	-.548
130	459	-.304	.060	-.039	-.551
130	460	-.327	.077	.102	-.625
130	461	-.258	.075	.086	-.522
130	462	-.304	.084	.098	-.695
130	463	-.273	.093	.148	-.737
130	464	-.191	.196	.680	-1.087
130	465	-.338	.164	.335	-1.056
130	466	-.238	.198	.494	-1.171
130	467	-.196	.274	.637	-1.353
130	468	-.168	.164	.723	-.869
130	469	-.150	.142	.451	-.622
130	470	-.133	.124	.492	-.554
130	471	-.098	.123	.399	-.805
130	472	-.113	.154	.469	-.896
130	473	-.191	.212	.395	-1.154
130	474	-.258	.051	.095	-.473
130	475	-.283	.046	-.100	-.461
130	476	-.286	.050	-.066	-.499
130	477	-.293	.052	-.045	-.505
130	478	-.278	.056	.034	-.493
130	479	-.298	.055	.035	-.548
130	480	-.310	.060	-.001	-.516
130	481	-.313	.064	-.019	-.627
130	482	-.303	.074	-.041	-.716
130	483	-.361	.084	-.083	-.810
130	484	-.301	.068	.055	-.666
130	485	-.356	.111	.093	-1.121
130	486	-.240	.096	.443	-.865
130	487	-.215	.094	.530	-.713
130	488	-.185	.090	.362	-.546
130	489	-.174	.079	.158	-.500
130	490	-.161	.086	.159	-.574
130	491	-.192	.096	.207	-.812
130	492	-.269	.030	-.168	-.378
130	493	-.273	.033	-.168	-.427
130	494	-.276	.034	-.141	-.429
130	495	-.211	.073	.154	-.429
130	496	-.265	.072	.045	-.674
130	497	-.203	.063	.140	-.387
130	498	-.176	.069	.180	-.419
130	499	-.125	.070	.215	-.400
130	500	-.123	.072	.266	-.391
130	501	-.129	.070	.262	-.456
130	502	-.161	.063	.072	-.484
130	510	-.475	.094	-.035	-.960
130	511	-.498	.098	-.182	-1.005
130	512	-.494	.091	-.098	-.962
130	513	-.481	.090	-.162	-1.057

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	600	-.467	.134	.208	-1.297
130	601	-.422	.151	.439	-1.169
130	602	-.441	.197	.450	-1.412
130	603	-.315	.232	.735	-1.091
130	604	-.220	.271	.855	-1.588
130	605	-.163	.265	.786	-1.078
130	606	-.265	.252	.738	-1.245
130	607	-.439	.154	.065	-1.149
130	608	-.385	.156	.431	-1.077
130	609	-.287	.209	.719	-.975
130	610	-.247	.275	.903	-1.089
130	611	-.089	.284	.875	-.997
130	612	-.093	.269	.755	-.969
130	613	-.156	.234	.516	-1.144
130	614	-.393	.171	.203	-1.110
130	615	-.236	.151	.507	-.806
130	616	-.130	.215	.891	-.813
130	617	-.063	.250	.902	-.868
130	618	.072	.279	1.223	-.788
130	619	-.011	.264	.870	-1.040
130	620	-.053	.209	.552	-.952
130	621	-.059	.173	.760	-.655
130	622	.008	.202	.818	-.646
130	623	.068	.244	1.007	-.863
130	624	.211	.216	1.083	-.540
130	625	.206	.204	.880	-.553
130	626	.110	.164	.775	-.537
130	627	-.016	.129	.579	-.518
130	628	-.282	.115	.302	-1.062
130	629	-.215	.106	.184	-.709
130	630	-.260	.108	.125	-.647
130	631	-.274	.094	.047	-.668
130	632	-.350	.089	-.064	-.734
130	633	-.294	.077	-.019	-.652
130	634	-.343	.080	-.086	-.783
130	635	-.225	.064	.035	-.507
130	636	-.212	.053	-.038	-.611
130	637	-.165	.058	.017	-.620
130	638	-.203	.068	.035	-.757
130	639	-.184	.069	.045	-.780
130	640	-.234	.055	-.038	-.430
130	641	-.159	.044	.055	-.330
130	642	-.187	.055	.025	-.468
130	643	-.171	.050	.126	-.395
130	644	-.188	.053	.073	-.416
130	645	-.138	.068	.213	-.381
130	646	-.148	.087	.211	-.463
130	647	-.124	.093	.320	-.431
130	648	-.186	.088	.178	-.620
130	650	-.157	.275	.885	-1.169
130	651	-.195	.249	.738	-1.327
130	900	-.470	.174	.100	-1.441
130	901	-.463	.118	-.054	-1.577
130	902	-.145	.101	.547	-.554
130	903	-.222	.063	.063	-.476
130	904	-.449	.192	.204	-1.496
130	905	-.446	.146	-.020	-1.194
130	906	-.456	.108	-.034	-1.044
130	907	-.438	.071	-.198	-.850
130	908	-.367	.117	.110	-1.094
130	909	-.468	.087	-.106	-1.019
130	910	-.436	.073	-.152	-.795
130	911	-.199	.075	.222	-.414
130	912	-.363	.098	.141	-1.003
130	913	-.258	.041	-.085	-.392
130	914	-.542	.178	-.093	-1.602
130	915	-.489	.128	-.068	-1.095
130	916	-.285	.036	-.146	-.450
130	917	-.350	.112	.122	-1.047
130	918	-.338	.094	.016	-1.039
130	919	-.294	.041	-.142	-.515
130	920	-.362	.123	.055	-1.114
140	100	-.382	.124	-.002	-1.262
140	101	-.372	.116	.081	-1.318
140	102	-.430	.104	-.122	-1.070
140	103	-.341	.087	-.056	-.882
140	104	-.337	.080	-.097	-.948
140	105	-.323	.073	-.015	-.794
140	106	-.395	.079	-.087	-.852
140	107	-.333	.110	-.034	-1.357
140	108	-.324	.095	.022	-.925
140	109	-.315	.089	.002	-.950
140	110	-.373	.079	-.138	-.892
140	111	-.290	.062	-.110	-.554
140	112	-.294	.056	-.134	-.585
140	113	-.294	.056	-.134	-.694
140	114	-.323	.098	-.059	-.887
140	115	-.395	.107	-.108	-1.100
140	116	-.314	.097	-.071	-.857
140	117	-.311	.086	-.092	-.831
140	118	-.294	.069	-.093	-.621
140	119	-.358	.062	-.172	-.668
140	120	-.287	.060	-.120	-.571
140	121	-.308	.080	-.020	-.823
140	122	-.301	.086	-.068	-.858
140	123	-.366	.086	-.114	-.945
140	124	-.284	.070	-.058	-.746
140	125	-.284	.057	-.090	-.624
140	126	-.281	.049	-.139	-.470
140	127	-.351	.052	-.108	-.617
140	128	-.280	.048	-.134	-1.131
140	129	-.283	.051	-.132	-.813
140	130	-.285	.048	-.115	-.572
140	131	-.261	.038	-.105	-.436
140	132	-.320	.037	-.172	-.481
140	133	-.250	.034	-.130	-.408
140	134	-.259	.035	-.149	-.383
140	135	-.258	.057	-.090	-.607
140	136	-.313	.054	-.090	-.540
140	137	-.237	.057	-.009	-.463
140	138	-.220	.051	.035	-.455
140	139	-.205	.038	-.044	-.401
140	140	-.281	.036	-.162	-.439
140	141	-.202	.031	-.081	-.297
140	142	-.208	.031	-.107	-.319
140	143	-.214	.028	-.117	-.312
140	144	-.281	.031	-.170	-.393
140	145	-.225	.036	-.094	-.400
140	150	-.368	.119	-.070	-1.199
140	151	-.354	.108	-.052	-1.026
140	200	-.300	.067	-.092	-.641
140	201	-.306	.067	-.079	-.750
140	202	-.304	.071	-.096	-.826
140	203	-.320	.082	-.084	-1.048
140	204	-.335	.097	-.020	-.984
140	205	-.348	.108	-.018	-1.024
140	206	-.337	.105	-.008	-1.034
140	207	-.346	.120	.012	-1.195
140	208	-.310	.124	.295	-.998
140	209	-.332	.114	.208	-.863
140	210	-.281	.095	.276	-.630
140	211	-.417	.093	.014	-.783
140	212	-.410	.081	-.055	-.750
140	213	-.444	.081	-.081	-.725
140	214	-.359	.091	.051	-.745
140	215	-.416	.100	.084	-.838
140	216	-.388	.085	.069	-.884
140	217	-.398	.116	.116	-.889
140	218	-.417	.098	.043	-.823
140	219	-.502	.266	.337	-1.799
140	220	-.268	.050	-.107	-.457
140	221	-.274	.048	-.130	-.457
140	222	-.272	.050	-.128	-.476
140	223	-.291	.061	-.101	-.637
140	224	-.288	.075	-.085	-.887
140	225	-.314	.089	-.009	-.769
140	226	-.310	.094	-.063	-1.152
140	227	-.336	.098	-.076	-1.142
140	228	-.268	.101	.166	-.797
140	229	-.291	.123	.209	-.803

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	230	-.305	.075	-.001	-.615
140	231	-.315	.134	.258	-.742
140	232	-.298	.137	.225	-.743
140	233	-.326	.141	.362	-.828
140	234	-.337	.143	.283	-.845
140	235	-.355	.144	.344	-.899
140	236	-.347	.145	.340	-.877
140	237	-.403	.149	.433	-1.139
140	238	-.277	.050	-.128	-.542
140	239	-.273	.046	-.116	-.473
140	240	-.285	.046	-.155	-.548
140	241	-.277	.056	-.129	-.638
140	242	-.280	.063	-.103	-.610
140	243	-.314	.071	-.103	-.806
140	244	-.306	.065	-.113	-.712
140	245	-.293	.069	-.083	-.735
140	246	-.289	.071	-.015	-.691
140	247	-.265	.076	.102	-.570
140	248	-.265	.088	.157	-.642
140	249	-.233	.089	.123	-.611
140	250	-.223	.089	.140	-.591
140	251	-.211	.099	.174	-.651
140	252	-.200	.106	.291	-.609
140	253	-.178	.122	.329	-.652
140	254	-.118	.140	.400	-.567
140	255	-.172	.138	.441	-.694
140	256	-.285	.039	-.148	-.447
140	257	-.284	.040	-.129	-.442
140	258	-.274	.041	-.129	-.478
140	259	-.296	.056	-.167	-.651
140	260	-.321	.076	-.145	-.870
140	261	-.351	.102	-.071	-1.214
140	262	-.375	.112	-.049	-1.012
140	263	-.335	.098	-.107	-1.130
140	264	-.324	.086	-.024	-.765
140	265	-.297	.077	-.025	-.711
140	266	-.309	.087	.068	-.642
140	267	-.294	.092	.234	-.623
140	268	-.308	.089	.043	-.664
140	269	-.292	.098	.148	-.620
140	270	-.295	.102	.143	-.635
140	271	-.271	.114	.249	-.691
140	272	-.213	.128	.326	-.675
140	273	-.197	.125	.375	-.649
140	274	-.256	.030	-.115	-.383
140	275	-.240	.029	-.134	-.349
140	276	-.254	.031	-.157	-.358
140	277	-.261	.036	-.150	-.500
140	278	-.266	.043	-.146	-.658
140	279	-.269	.049	-.110	-.632
140	280	-.256	.049	-.104	-.563
140	281	-.265	.052	-.084	-.623
140	282	-.277	.057	-.076	-.577
140	283	-.270	.051	-.080	-.576
140	284	-.262	.053	-.054	-.543
140	285	-.261	.051	-.092	-.535
140	286	-.288	.058	-.035	-.553
140	287	-.292	.057	-.035	-.597
140	288	-.281	.058	-.035	-.560
140	289	-.269	.053	-.060	-.521
140	290	-.319	.061	-.073	-.663
140	291	-.317	.060	-.052	-.691
140	292	-.309	.062	-.049	-.630
140	293	-.271	.059	-.092	-.612
140	294	-.344	.054	-.080	-.632
140	295	-.263	.043	-.033	-.472
140	296	-.261	.041	-.073	-.507
140	297	-.269	.044	-.005	-.501
140	298	-.217	.031	-.071	-.354
140	299	-.214	.026	-.113	-.327
140	300	-.201	.026	-.105	-.308
140	301	-.211	.029	-.079	-.308
140	302	-.230	.038	-.092	-.376
140	303	-.199	.043	.042	-.328
140	304	-.192	.051	.056	-.331
140	305	-.200	.046	.050	-.332
140	306	-.267	.044	-.103	-.446
140	307	-.255	.050	.048	-.422
140	308	-.223	.034	-.050	-.358
140	309	-.267	.032	-.131	-.385
140	310	-.268	.031	-.106	-.416
140	311	-.234	.034	-.081	-.398
140	312	-.179	.042	-.005	-.353
140	313	-.184	.043	.004	-.299
140	314	-.198	.044	.049	-.306
140	315	-.231	.034	-.066	-.362
140	316	-.227	.037	-.074	-.346
140	320	-.334	.098	-.032	-1.064
140	321	-.327	.101	.018	-.987
140	322	-.359	.122	.012	-1.100
140	323	-.345	.133	.299	-1.263
140	400	-.292	.138	.430	-.858
140	401	-.329	.131	.384	-1.109
140	402	-.354	.106	.271	-.934
140	403	-.353	.084	.174	-.691
140	404	-.300	.084	.219	-.627
140	405	-.489	.089	.141	-.871
140	406	-.505	.093	-.133	-1.131
140	407	-.521	.084	-.222	-.829
140	408	-.548	.091	-.231	-1.050
140	409	-.493	.081	-.157	-.924
140	410	-.518	.081	-.219	-1.071
140	411	-.468	.070	-.286	-.903
140	412	-.468	.072	-.269	-.864
140	413	-.425	.076	-.230	-.938
140	414	-.333	.182	.772	-1.090
140	415	-.348	.157	.526	-.926
140	416	-.387	.158	.481	-1.307
140	417	-.361	.131	.487	-.969
140	418	-.398	.127	.296	-.865
140	419	-.401	.112	.238	-.931
140	420	-.195	.224	1.167	-.920
140	421	-.242	.140	.601	-.822
140	422	-.278	.169	.439	-.927
140	423	-.274	.168	.533	-.953
140	424	-.296	.174	.663	-.975
140	425	-.262	.167	.475	-.950
140	426	-.334	.170	.466	-.970
140	427	-.326	.170	.514	-.786
140	428	-.397	.169	.424	-.967
140	429	-.421	.166	.285	-1.067
140	430	-.510	.168	.249	-1.510
140	431	-.554	.137	.026	-1.162
140	432	-.685	.200	.108	-1.692
140	433	-.556	.138	-.052	-1.494
140	434	-.519	.089	-.222	-.971
140	435	-.507	.081	-.212	-.884
140	436	-.501	.079	-.198	-1.114
140	437	-.431	.078	-.140	-.729
140	438	-.146	.171	.662	-.585
140	439	-.266	.092	.116	-.607
140	440	-.261	.109	.375	-.621
140	441	-.160	.132	.682	-.599
140	442	-.187	.140	.468	-.614
140	443	-.120	.164	.718	-.638
140	444	-.149	.150	.601	-.628
140	445	-.042	.183	.673	-.701
140	446	-.044	.213	.865	-.843
140	447	-.127	.204	.735	-1.031
140	448	-.102	.193	.862	-.735
140	449	-.176	.203	.649	-.934
140	450	-.475	.236	.190	-1.760
140	451	-.391	.148	.152	-1.133
140	452	-.435	.113	-.047	-.885
140	453	-.389	.089	-.100	-.765
140	454	-.444	.088	-.066	-.817
140	455	-.447	.099	-.091	-.848
140	456	-.266	.137	.453	-.696
140	457	-.294	.086	.055	-.698
140	458	-.317	.101	.202	-.717

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	459	-.293	.102	.411	-.660
140	460	-.301	.119	.207	-.699
140	461	-.231	.117	.245	-.591
140	462	-.266	.130	.485	-.676
140	463	-.207	.133	.480	-.653
140	464	-.073	.185	.701	-.528
140	465	-.164	.170	.620	-.849
140	466	-.128	.199	.724	-.731
140	467	-.059	.198	.793	-.583
140	468	-.292	.197	.633	-1.137
140	469	-.248	.140	.339	-.820
140	470	-.260	.113	.225	-.699
140	471	-.276	.088	.043	-.584
140	472	-.299	.088	.065	-.622
140	473	-.325	.104	.060	-.713
140	474	-.252	.054	.047	-.576
140	475	-.259	.051	-.033	-.559
140	476	-.267	.058	-.015	-.578
140	477	-.269	.057	-.019	-.559
140	478	-.265	.061	.017	-.576
140	479	-.278	.060	-.018	-.581
140	480	-.289	.061	-.079	-.649
140	481	-.296	.059	-.026	-.612
140	482	-.296	.059	.027	-.599
140	483	-.353	.069	-.118	-.669
140	484	-.368	.068	-.124	-.767
140	485	-.334	.087	.128	-.771
140	486	-.291	.087	.134	-.691
140	487	-.278	.089	.172	-.718
140	488	-.244	.094	.176	-.745
140	489	-.235	.086	.164	-.552
140	490	-.224	.077	.151	-.554
140	491	-.256	.070	.004	-.598
140	492	-.243	.036	-.118	-.387
140	493	-.250	.040	-.075	-.369
140	494	-.252	.038	-.053	-.369
140	495	-.303	.063	.114	-.557
140	496	-.321	.060	.009	-.537
140	497	-.288	.060	-.003	-.510
140	498	-.294	.067	.024	-.547
140	499	-.252	.076	.129	-.534
140	500	-.229	.073	.097	-.513
140	501	-.223	.068	.051	-.510
140	502	-.244	.059	.046	-.501
140	510	-.512	.103	.086	-.916
140	511	-.535	.111	.067	-1.265
140	512	-.522	.079	-.228	-.961
140	513	-.516	.080	-.236	-1.124
140	600	-.433	.075	-.035	-1.008
140	601	-.416	.071	-.037	-.792
140	602	-.477	.095	.214	-1.222
140	603	-.389	.107	.250	-.972
140	604	-.352	.140	.368	-1.358
140	605	-.333	.169	.475	-1.184
140	606	-.407	.189	.430	-1.177
140	607	-.418	.082	-.118	-1.116
140	608	-.430	.087	-.087	-.819
140	609	-.456	.106	.063	-1.118
140	610	-.491	.135	.140	-.972
140	611	-.349	.143	.469	-.879
140	612	-.321	.150	.410	-1.060
140	613	-.322	.157	.460	-1.162
140	614	-.495	.126	-.066	-1.020
140	615	-.423	.122	-.002	-.936
140	616	-.451	.152	.094	-1.107
140	617	-.390	.135	.254	-.897
140	618	-.280	.172	.733	-1.057
140	619	-.308	.171	.579	-.991
140	620	-.250	.146	.506	-.953
140	621	-.387	.160	.239	-1.182
140	622	-.384	.168	.231	-1.379
140	623	-.376	.157	.398	-1.364
140	624	-.243	.142	.585	-.810
140	625	-.262	.125	.471	-.716
140	626	-.202	.153	.467	-.702
140	627	-.220	.132	.446	-.843
140	628	-.389	.093	-.138	-1.004
140	629	-.277	.069	-.081	-.714
140	630	-.258	.047	-.085	-.493
140	631	-.249	.045	-.088	-.497
140	632	-.314	.048	-.140	-.556
140	633	-.253	.048	-.098	-.665
140	634	-.281	.047	-.131	-.936
140	635	-.286	.075	-.080	-.734
140	636	-.296	.056	-.121	-.710
140	637	-.257	.050	-.119	-.501
140	638	-.337	.057	-.152	-.595
140	639	-.291	.045	-.136	-.460
140	640	-.363	.054	-.191	-.614
140	641	-.235	.037	-.050	-.361
140	642	-.271	.036	-.135	-.403
140	643	-.278	.034	-.143	-.393
140	644	-.293	.033	-.182	-.404
140	645	-.244	.032	-.126	-.351
140	646	-.278	.033	-.164	-.403
140	647	-.266	.034	-.146	-.407
140	648	-.310	.050	-.125	-.496
140	650	-.327	.174	.486	-.973
140	651	-.318	.180	.415	-1.095
140	900	-.401	.126	.114	-1.354
140	901	-.404	.069	-.096	-.942
140	902	-.221	.085	.306	-.819
140	903	-.292	.089	-.028	-.898
140	904	-.419	.137	.037	-1.655
140	905	-.409	.098	-.090	-.942
140	906	-.439	.071	-.203	-.901
140	907	-.441	.071	-.185	-.698
140	908	-.368	.117	.158	-1.018
140	909	-.482	.093	-.155	-1.041
140	910	-.445	.077	-.085	-.764
140	911	-.265	.071	.152	-.466
140	912	-.359	.078	.426	-.693
140	913	-.189	.032	-.036	-.316
140	914	-.467	.164	.176	-1.726
140	915	-.445	.120	.239	-.875
140	916	-.241	.032	-.151	-.393
140	917	-.360	.117	.237	-.901
140	918	-.344	.095	.006	-.987
140	919	-.252	.040	-.140	-.421
140	920	-.374	.134	.314	-1.052
150	100	-.339	.083	-.036	-1.127
150	101	-.344	.083	.036	-1.151
150	102	-.397	.074	-.141	-1.184
150	103	-.319	.068	-.085	-.926
150	104	-.318	.069	-.096	-.816
150	105	-.311	.071	-.097	-.907
150	106	-.381	.080	-.136	-1.100
150	107	-.319	.063	-.114	-.703
150	108	-.312	.053	-.131	-.545
150	109	-.304	.048	-.116	-.620
150	110	-.359	.042	-.183	-.547
150	111	-.289	.036	-.141	-.432
150	112	-.300	.038	-.151	-.521
150	113	-.303	.041	-.174	-.480
150	114	-.311	.050	-.108	-.536
150	115	-.377	.049	-.212	-.734
150	116	-.304	.042	-.183	-.554
150	117	-.310	.037	-.185	-.471
150	118	-.310	.036	-.191	-.480
150	119	-.385	.040	-.252	-.576
150	120	-.324	.042	-.187	-.549
150	121	-.296	.039	-.160	-.506
150	122	-.291	.034	-.164	-.427
150	123	-.357	.034	-.231	-.486
150	124	-.303	.035	-.178	-.454
150	125	-.331	.042	-.170	-.530
150	126	-.341	.047	-.195	-.683
150	127	-.413	.053	-.273	-.747
150	128	-.270	.032	-.177	-.532
150	129	-.253	.029	-.151	-.393

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	130	-.263	.030	-.146	-.373
150	131	-.266	.031	-.157	-.408
150	132	-.354	.042	-.210	-.510
150	133	-.310	.049	-.163	-.730
150	134	-.323	.050	-.170	-.787
150	135	-.234	.034	-.113	-.408
150	136	-.293	.039	-.081	-.510
150	137	-.214	.040	.033	-.449
150	138	-.222	.040	.022	-.368
150	139	-.224	.034	-.049	-.331
150	140	-.294	.033	-.173	-.420
150	141	-.238	.033	-.124	-.356
150	142	-.253	.037	-.116	-.385
150	143	-.239	.032	-.097	-.374
150	144	-.307	.036	-.202	-.483
150	145	-.248	.046	-.074	-.536
150	150	-.345	.089	-.049	-.837
150	151	-.327	.073	-.101	-.724
150	200	-.317	.085	-.077	-.860
150	201	-.328	.090	-.069	-1.082
150	202	-.334	.098	-.066	-.989
150	203	-.345	.115	-.031	-1.357
150	204	-.351	.132	-.006	-1.392
150	205	-.365	.136	-.016	-1.399
150	206	-.367	.138	.016	-1.149
150	207	-.400	.161	.053	-1.517
150	208	-.314	.149	.248	-1.231
150	209	-.196	.209	.681	-.955
150	210	-.261	.123	.412	-.634
150	211	-.423	.123	.053	-1.037
150	212	-.402	.113	.056	-.838
150	213	-.435	.119	.110	-.840
150	214	-.338	.120	.337	-.836
150	215	-.412	.131	.162	-.896
150	216	-.374	.112	.189	-.759
150	217	-.366	.142	.403	-.954
150	218	-.403	.129	.152	-.887
150	219	-.382	.247	.440	-1.864
150	220	-.298	.051	-.108	-.558
150	221	-.307	.049	-.127	-.533
150	222	-.304	.054	-.161	-.649
150	223	-.311	.062	-.127	-.627
150	224	-.307	.074	-.081	-.647
150	225	-.323	.087	-.011	-.912
150	226	-.334	.099	.056	-1.166
150	227	-.353	.095	-.061	-.932
150	228	-.269	.099	.225	-.700
150	229	-.250	.130	.238	-.787
150	230	-.253	.074	-.010	-.503
150	231	-.265	.144	.186	-.722
150	232	-.244	.151	.299	-.757
150	233	-.269	.160	.345	-.736
150	234	-.278	.165	.412	-.807
150	235	-.304	.174	.566	-.817
150	236	-.283	.183	.491	-.818
150	237	-.251	.207	.513	-.899
150	238	-.335	.048	-.214	-.615
150	239	-.332	.045	-.217	-.600
150	240	-.340	.051	-.174	-.624
150	241	-.340	.058	-.184	-.628
150	242	-.332	.062	-.149	-.675
150	243	-.340	.070	-.132	-.782
150	244	-.352	.063	-.179	-.756
150	245	-.348	.071	-.165	-.797
150	246	-.317	.070	.009	-.611
150	247	-.245	.076	.066	-.601
150	248	-.248	.085	.089	-.570
150	249	-.215	.088	.119	-.603
150	250	-.195	.089	.146	-.591
150	251	-.176	.104	.244	-.584
150	252	-.162	.110	.315	-.676
150	253	-.150	.129	.372	-.709
150	254	-.083	.156	.502	-.582
150	255	-.043	.166	.490	-.666
150	256	-.352	.051	-.227	-.615
150	257	-.358	.053	-.200	-.598
150	258	-.372	.066	-.192	-.755
150	259	-.402	.090	-.185	-.900
150	260	-.422	.108	-.136	-1.179
150	261	-.403	.122	-.077	-1.080
150	262	-.400	.117	-.060	-1.081
150	263	-.436	.118	-.062	-.941
150	264	-.367	.116	.079	-.816
150	265	-.263	.107	.155	-.687
150	266	-.269	.113	.198	-.669
150	267	-.243	.116	.215	-.738
150	268	-.252	.118	.158	-.638
150	269	-.219	.117	.291	-.603
150	270	-.228	.119	.315	-.697
150	271	-.219	.130	.286	-.677
150	272	-.066	.154	.596	-.569
150	273	-.143	.138	.344	-.558
150	274	-.300	.041	-.189	-.525
150	275	-.291	.042	-.113	-.532
150	276	-.306	.055	-.168	-.649
150	277	-.315	.075	-.102	-.913
150	278	-.352	.103	-.144	-1.194
150	279	-.382	.113	-.059	-1.040
150	280	-.356	.137	-.021	-1.198
150	281	-.356	.148	.004	-1.314
150	282	-.282	.104	.104	-.867
150	283	-.242	.072	.059	-.617
150	284	-.241	.076	.073	-.650
150	285	-.248	.078	.040	-.683
150	286	-.262	.072	.035	-.637
150	287	-.275	.074	.014	-.650
150	288	-.275	.075	.041	-.733
150	289	-.278	.082	.016	-.669
150	290	-.297	.075	.032	-.685
150	291	-.300	.073	-.012	-.645
150	292	-.313	.076	-.001	-.765
150	293	-.234	.075	.088	-.620
150	294	-.344	.071	.052	-.949
150	295	-.230	.053	.002	-.587
150	296	-.251	.048	-.042	-.544
150	297	-.236	.054	.026	-.613
150	298	-.235	.038	-.097	-.404
150	299	-.227	.033	-.087	-.372
150	300	-.219	.032	-.099	-.358
150	301	-.225	.037	-.005	-.477
150	302	-.253	.045	-.087	-.478
150	303	-.219	.053	.032	-.491
150	304	-.206	.050	.082	-.415
150	305	-.211	.043	.058	-.402
150	306	-.239	.042	-.000	-.453
150	307	-.206	.049	.058	-.423
150	308	-.197	.050	-.013	-.412
150	309	-.245	.039	-.073	-.479
150	310	-.252	.037	-.071	-.441
150	311	-.225	.039	-.081	-.395
150	312	-.173	.056	.086	-.340
150	313	-.187	.056	.030	-.397
150	314	-.209	.052	.075	-.492
150	315	-.213	.039	-.018	-.346
150	316	-.211	.039	-.017	-.352
150	320	-.346	.112	.007	-.958
150	321	-.357	.127	.004	-1.082
150	322	-.459	.209	.075	-1.817
150	323	-.367	.169	.292	-1.294
150	400	-.192	.198	.653	-1.019
150	401	-.225	.208	.738	-1.099
150	402	-.290	.162	.682	-1.136
150	403	-.323	.107	.271	-.813
150	404	-.268	.119	.322	-.893
150	405	-.429	.162	.404	-1.006
150	406	-.481	.156	.387	-1.272
150	407	-.511	.116	.224	-.993
150	408	-.565	.130	-.121	-1.460
150	409	-.500	.103	-.121	-1.057
150	410	-.531	.096	-.255	-1.087

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	411	-.485	.074	-.244	-.940
150	412	-.479	.074	-.286	-.960
150	413	-.437	.076	-.238	-.826
150	414	-.250	.193	.426	-.987
150	415	-.277	.174	.391	-.840
150	416	-.314	.191	.522	-1.099
150	417	-.308	.168	.312	-.865
150	418	-.338	.164	.618	-.929
150	419	-.347	.162	.551	-.835
150	420	-.128	.239	.886	-.981
150	421	-.191	.142	.589	-.738
150	422	-.205	.177	.579	-.824
150	423	-.205	.176	.484	-.847
150	424	-.216	.201	.673	-.917
150	425	-.186	.195	.817	-.907
150	426	-.252	.203	.666	-.900
150	427	-.240	.214	.594	-.864
150	428	-.291	.229	.801	-.983
150	429	-.321	.220	.589	-1.024
150	430	-.405	.254	.820	-1.815
150	431	-.499	.179	.563	-1.210
150	432	-.685	.258	.300	-2.091
150	433	-.543	.173	.186	-1.641
150	434	-.511	.105	-.060	-1.289
150	435	-.502	.080	-.253	-.929
150	436	-.498	.079	-.206	-.841
150	437	-.436	.081	-.150	-.831
150	438	-.102	.182	.898	-.680
150	439	-.239	.083	.157	-.628
150	440	-.222	.105	.283	-.572
150	441	-.120	.131	.503	-.564
150	442	-.144	.141	.467	-.816
150	443	-.071	.169	.696	-.714
150	444	.105	.160	.612	-.631
150	445	.003	.196	.789	-.588
150	446	.009	.231	.817	-.713
150	447	-.062	.232	.773	-.988
150	448	-.017	.278	1.041	-.933
150	449	-.185	.247	.720	-1.041
150	450	-.547	.295	.347	-2.229
150	451	-.427	.179	.176	-1.196
150	452	-.464	.128	-.040	-1.132
150	453	-.432	.097	-.088	-.850
150	454	-.502	.090	-.171	-.977
150	455	-.516	.099	-.144	-1.088
150	456	-.212	.165	.616	-.733
150	457	-.274	.099	.126	-.619
150	458	-.285	.111	.244	-.644
150	459	-.255	.110	.236	-.585
150	460	-.236	.128	.354	-.638
150	461	-.166	.125	.488	-.562
150	462	-.204	.136	.373	-.653
150	463	-.137	.138	.441	-.530
150	464	.013	.206	.927	-.621
150	465	-.088	.186	.589	-.749
150	466	.095	.233	.917	-.647
150	467	.004	.224	.772	-.596
150	468	-.179	.240	.720	-1.236
150	469	-.146	.163	.528	-.680
150	470	-.205	.127	.401	-.621
150	471	-.333	.090	.014	-.632
150	472	-.407	.086	-.071	-.688
150	473	-.499	.103	-.189	-.870
150	474	-.220	.087	.218	-.595
150	475	-.242	.079	.122	-.784
150	476	-.246	.082	.194	-.651
150	477	-.251	.079	.210	-.566
150	478	-.252	.080	.164	-.573
150	479	-.269	.078	.098	-.559
150	480	-.286	.081	.055	-.608
150	481	-.294	.082	.069	-.650
150	482	-.278	.082	.147	-.580
150	483	-.352	.091	.060	-.801
150	484	-.341	.106	.399	-.915
150	485	-.366	.087	.002	-.922
150	486	-.371	.099	-.008	-.894
150	487	-.353	.082	-.032	-.705
150	488	-.325	.079	.089	-.678
150	489	-.309	.077	.167	-.604
150	490	-.297	.076	.083	-.614
150	491	-.338	.081	-.076	-.751
150	492	-.224	.040	-.015	-.411
150	493	-.208	.044	-.005	-.357
150	494	-.223	.046	.024	-.471
150	495	-.307	.086	.216	-.614
150	496	-.307	.079	.091	-.569
150	497	-.301	.068	.084	-.620
150	498	-.291	.068	.129	-.552
150	499	-.261	.067	.142	-.504
150	500	-.263	.059	.040	-.475
150	501	-.268	.054	.002	-.562
150	502	-.298	.052	.139	-.521
150	510	-.426	.189	.683	-1.275
150	511	-.486	.196	.394	-1.448
150	512	-.508	.137	.131	-1.112
150	513	-.555	.140	-.101	-1.521
150	600	-.448	.066	-.151	-.782
150	601	-.436	.065	-.162	-.712
150	602	-.488	.068	-.186	-.944
150	603	-.399	.074	-.106	-.877
150	604	-.370	.081	-.010	-.940
150	605	-.360	.097	.191	-.816
150	606	-.433	.116	.204	-.973
150	607	-.463	.084	-.251	-.884
150	608	-.474	.089	-.232	-1.048
150	609	-.481	.094	-.164	-.919
150	610	-.533	.100	-.146	-.997
150	611	-.397	.089	-.041	-.828
150	612	-.364	.098	.165	-1.177
150	613	-.370	.114	.012	-1.100
150	614	-.628	.136	-.312	-1.265
150	615	-.551	.134	-.239	-1.199
150	616	-.568	.147	-.200	-1.228
150	617	-.513	.137	-.045	-1.124
150	618	-.370	.100	-.046	-.830
150	619	-.392	.086	-.065	-1.134
150	620	-.318	.083	.028	-1.370
150	621	-.635	.185	-.133	-1.386
150	622	-.638	.214	-.138	-1.899
150	623	-.557	.208	.012	-1.516
150	624	-.333	.100	-.009	-.987
150	625	-.299	.066	.040	-.798
150	626	-.290	.050	.039	-.545
150	627	-.283	.043	-.092	-.550
150	628	-.451	.113	-.204	-1.471
150	629	-.337	.094	-.095	-1.549
150	630	-.297	.048	-.146	-.651
150	631	-.280	.039	-.113	-.475
150	632	-.331	.036	-.218	-.497
150	633	-.254	.032	-.161	-.495
150	634	-.273	.033	-.172	-.450
150	635	-.342	.077	-.111	-.814
150	636	-.333	.065	-.161	-.884
150	637	-.292	.051	-.148	-.552
150	638	-.385	.063	-.207	-.711
150	639	-.326	.046	-.172	-.528
150	640	-.404	.053	-.206	-.650
150	641	-.256	.036	-.117	-.412
150	642	-.287	.033	-.150	-.404
150	643	-.295	.033	-.175	-.425
150	644	-.308	.033	-.166	-.444
150	645	-.253	.032	-.128	-.383
150	646	-.278	.033	-.133	-.387
150	647	-.260	.035	-.089	-.380
150	648	-.271	.046	-.066	-.768
150	650	-.374	.108	.512	-.960
150	651	-.371	.124	.313	-1.016
150	900	-.360	.093	.154	-.954
150	901	-.406	.062	.011	-.869
150	902	-.268	.081	.162	-.774

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	903	-.317	.069	.167	-.747	160	132	-.445	.058	-.276	-.730	160	234	-.046	.125	.422	-.727
150	904	-.384	.102	.050	-1.079	160	133	-.403	.056	-.227	-.718	160	235	-.011	.143	.564	-.625
150	905	-.394	.080	.116	-.709	160	134	-.413	.055	-.252	-.747	160	236	.084	.194	.759	-.588
150	906	-.438	.075	-.048	-.821	160	135	-.244	.027	-.140	-.339	160	237	.076	.188	.692	-.620
150	907	-.472	.095	-.030	-1.011	160	136	-.303	.029	-.186	-.406	160	238	-.393	.052	-.241	-.686
150	908	-.350	.123	.323	-1.023	160	137	-.243	.027	-.134	-.345	160	239	-.391	.050	-.243	-.675
150	909	-.514	.127	-.040	-1.348	160	138	-.257	.029	-.146	-.356	160	240	-.400	.044	-.271	-.579
150	910	-.472	.114	.040	-1.372	160	139	-.262	.030	-.127	-.387	160	241	-.371	.044	-.224	-.537
150	911	-.291	.085	.413	-.581	160	140	-.333	.036	-.213	-.456	160	242	-.373	.046	-.221	-.603
150	912	-.369	.110	-.013	-.887	160	141	-.296	.038	-.124	-.468	160	243	-.382	.061	-.145	-.675
150	913	-.214	.042	-.067	-.452	160	142	-.320	.042	-.158	-.480	160	244	-.396	.051	-.207	-.744
150	914	-.470	.280	.319	-1.941	160	143	-.298	.036	-.177	-.455	160	245	-.373	.056	-.168	-.788
150	915	-.399	.187	.409	-1.443	160	144	-.367	.045	-.221	-.527	160	246	-.359	.056	-.008	-.802
150	916	-.263	.037	-.122	-.450	160	145	-.308	.052	-.122	-.552	160	247	-.257	.062	-.015	-.631
150	917	-.360	.170	.266	-1.201	160	150	-.396	.100	-.045	-1.134	160	248	-.264	.069	.065	-.668
150	918	-.383	.152	.124	-1.235	160	151	-.383	.094	-.079	-1.078	160	249	-.206	.073	.145	-.451
150	919	-.272	.045	-.109	-.536	160	200	-.404	.127	-.089	-1.128	160	250	-.190	.076	.194	-.501
150	920	-.401	.183	.207	-1.436	160	201	-.408	.119	-.105	-1.235	160	251	-.153	.090	.265	-.567
160	100	-.403	.105	-.107	-1.123	160	202	-.404	.115	-.037	-1.081	160	252	-.166	.094	.223	-.560
160	101	-.384	.108	-.110	-1.252	160	203	-.388	.108	-.074	-1.143	160	253	-.125	.115	.443	-.535
160	102	-.438	.093	-.144	-.926	160	204	-.403	.122	.033	-1.158	160	254	.021	.151	.631	-.457
160	103	-.365	.088	-.119	-1.012	160	205	-.409	.127	-.036	-1.028	160	255	.019	.140	.650	-.458
160	104	-.377	.094	-.116	-.804	160	206	-.416	.130	.002	-1.396	160	256	-.424	.063	-.248	-.760
160	105	-.389	.106	-.099	-.903	160	207	-.423	.129	-.058	-1.268	160	257	-.436	.066	-.247	-.876
160	106	-.464	.114	-.123	-1.036	160	208	-.451	.199	.172	-1.310	160	258	-.412	.067	-.224	-1.041
160	107	-.367	.059	-.139	-.639	160	209	.087	.192	.883	-.772	160	259	-.418	.073	-.224	-.785
160	108	-.347	.045	-.198	-.586	160	210	-.046	.190	.686	-.673	160	260	-.425	.081	-.192	-.806
160	109	-.340	.045	-.194	-.610	160	211	-.420	.187	.195	-1.182	160	261	-.417	.107	-.132	-.949
160	110	-.409	.047	-.258	-.749	160	212	-.261	.167	.341	-.853	160	262	-.433	.117	-.061	-1.078
160	111	-.345	.045	-.166	-.769	160	213	-.293	.166	.227	-1.099	160	263	-.441	.094	-.178	-1.182
160	112	-.361	.046	-.228	-.638	160	214	-.300	.152	.474	-.812	160	264	-.398	.101	.021	-.790
160	113	-.361	.045	-.213	-.513	160	215	-.306	.169	.312	-1.090	160	265	-.266	.112	.222	-.643
160	114	-.399	.059	-.210	-.676	160	216	-.209	.139	.238	-.806	160	266	-.270	.111	.156	-.617
160	115	-.440	.049	-.295	-.696	160	217	-.355	.206	.555	-1.284	160	267	-.221	.113	.216	-.650
160	116	-.357	.040	-.198	-.502	160	218	-.236	.160	.422	-1.230	160	268	-.192	.120	.308	-.603
160	117	-.361	.036	-.210	-.502	160	219	-.124	.191	.538	-1.384	160	269	-.196	.116	.280	-.548
160	118	-.365	.037	-.247	-.545	160	220	-.365	.053	-.214	-.642	160	270	-.207	.119	.293	-.593
160	119	-.443	.041	-.297	-.656	160	221	-.368	.050	-.200	-.637	160	271	-.185	.126	.287	-.581
160	120	-.379	.042	-.230	-.576	160	222	-.359	.048	-.204	-.607	160	272	-.041	.139	.614	-.455
160	121	-.362	.049	-.208	-.586	160	223	-.356	.051	-.185	-.646	160	273	-.086	.138	.414	-.538
160	122	-.359	.043	-.220	-.567	160	224	-.352	.059	-.160	-.858	160	274	-.391	.055	-.219	-.833
160	123	-.431	.039	-.300	-.625	160	225	-.364	.077	-.096	-.816	160	275	-.361	.062	-.151	-.736
160	124	-.378	.037	-.259	-.546	160	226	-.365	.075	-.114	-.874	160	276	-.370	.076	-.134	-.844
160	125	-.407	.050	-.245	-.767	160	227	-.362	.072	-.126	-.819	160	277	-.438	.108	-.178	-1.074
160	126	-.417	.059	-.283	-.855	160	228	-.293	.083	.039	-.779	160	278	-.504	.124	-.137	-1.068
160	127	-.494	.067	-.347	-1.269	160	229	-.201	.118	.155	-.863	160	279	-.523	.133	-.141	-1.237
160	128	-.289	.042	-.159	-.528	160	230	-.123	.049	.041	-.345	160	280	-.395	.127	-.046	-1.320
160	129	-.283	.032	-.176	-.453	160	231	-.097	.101	.312	-.656	160	281	-.386	.159	-.033	-1.424
160	130	-.293	.033	-.163	-.423	160	232	-.058	.107	.282	-.605	160	282	-.297	.154	.149	-1.023
160	131	-.308	.036	-.177	-.482	160	233	-.047	.119	.407	-.715	160	283	-.216	.107	.129	-.785

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	284	-.192	.107	.162	-.712
160	285	-.168	.095	.206	-.579
160	286	-.206	.102	.163	-.721
160	287	-.223	.100	.194	-.612
160	288	-.207	.100	.164	-.599
160	289	-.190	.099	.188	-.635
160	290	-.239	.104	.153	-.665
160	291	-.240	.104	.194	-.603
160	292	-.243	.101	.182	-.626
160	293	-.175	.104	.330	-.542
160	294	-.298	.101	.105	-1.023
160	295	-.181	.071	.084	-.538
160	296	-.195	.064	.064	-.429
160	297	-.190	.067	.109	-.532
160	298	-.290	.039	-.146	-.448
160	299	-.281	.033	-.132	-.425
160	300	-.254	.035	-.119	-.387
160	301	-.275	.045	-.122	-.540
160	302	-.288	.069	-.071	-.866
160	303	-.313	.064	-.119	-.650
160	304	-.254	.048	-.041	-.524
160	305	-.243	.055	.034	-.557
160	306	-.232	.046	.012	-.467
160	307	-.177	.043	-.005	-.366
160	308	-.160	.050	.063	-.346
160	309	-.219	.051	.029	-.448
160	310	-.237	.052	-.022	-.449
160	311	-.200	.047	-.010	-.392
160	312	-.252	.053	.041	-.440
160	313	-.242	.048	.066	-.533
160	314	-.262	.046	-.072	-.435
160	315	-.176	.044	.041	-.311
160	316	-.185	.044	.034	-.321
160	320	-.398	.120	-.023	-1.080
160	321	-.433	.163	.014	-1.175
160	322	-.493	.224	-.000	-1.787
160	323	-.544	.228	.238	-1.569
160	400	.107	.211	.842	-.780
160	401	.152	.265	.934	-.834
160	402	.001	.288	1.010	-.850
160	403	-.232	.125	.476	-.823
160	404	-.152	.132	.472	-.659
160	405	-.217	.209	.549	-.896
160	406	-.148	.326	.903	-1.197
160	407	-.297	.256	.790	-1.147
160	408	-.569	.291	.274	-1.794
160	409	-.431	.174	.202	-1.428
160	410	-.489	.142	.075	-1.220
160	411	-.475	.110	-.121	-1.147
160	412	-.461	.098	-.122	-1.506
160	413	-.400	.086	-.130	-.972
160	414	-.046	.207	.732	-.913
160	415	-.059	.190	.768	-.774
160	416	-.110	.160	.476	-.931
160	417	-.146	.159	.773	-.737
160	418	-.157	.147	.506	-.777
160	419	-.137	.173	.681	-.672
160	420	.033	.255	1.088	-.816
160	421	-.107	.174	.714	-.704
160	422	-.044	.133	.518	-.696
160	423	-.062	.125	.607	-.710
160	424	-.011	.153	.809	-.596
160	425	.016	.149	.735	-.543
160	426	-.026	.151	.618	-.582
160	427	.054	.197	.738	-.584
160	428	.121	.285	.912	-.870
160	429	.083	.248	.773	-.911
160	430	.145	.351	1.092	-1.165
160	431	-.141	.325	.813	-1.045
160	432	-.616	.431	.670	-2.151
160	433	-.399	.252	.493	-1.750
160	434	-.378	.167	.223	-1.123
160	435	-.449	.099	-.083	-.833
160	436	-.441	.084	-.103	-.887
160	437	-.379	.078	-.123	-.975
160	438	-.129	.145	.920	-.613
160	439	-.257	.065	.154	-.579
160	440	-.237	.077	.363	-.551
160	441	-.131	.095	.342	-.446
160	442	-.145	.103	.351	-.546
160	443	-.066	.129	.586	-.549
160	444	-.095	.121	.551	-.535
160	445	.049	.161	.740	-.460
160	446	.135	.208	.946	-.522
160	447	.069	.214	.799	-.983
160	448	.223	.259	1.027	-.739
160	449	.071	.282	1.015	-1.266
160	450	-.364	.361	.584	-2.193
160	451	-.275	.218	.441	-1.348
160	452	-.340	.150	.241	-.959
160	453	-.363	.105	.029	-.925
160	454	-.447	.089	-.146	-.844
160	455	-.469	.093	-.167	-.966
160	456	-.195	.170	.673	-.633
160	457	-.238	.106	.327	-.583
160	458	-.242	.114	.373	-.627
160	459	-.210	.111	.315	-.572
160	460	-.188	.122	.316	-.572
160	461	-.124	.117	.323	-.474
160	462	-.161	.123	.454	-.551
160	463	-.102	.128	.491	-.530
160	464	.107	.190	1.122	-.435
160	465	-.052	.186	.552	-.907
160	466	.153	.217	1.031	-.493
160	467	.180	.213	.994	-.624
160	468	-.017	.246	.759	-1.340
160	469	-.031	.172	.650	-.604
160	470	-.115	.139	.418	-.610
160	471	-.266	.107	.096	-.642
160	472	-.381	.099	-.047	-.736
160	473	-.498	.106	-.142	-.980
160	474	-.134	.125	.378	-.657
160	475	-.163	.108	.415	-.652
160	476	-.160	.111	.378	-.675
160	477	-.154	.109	.387	-.620
160	478	-.146	.104	.299	-.620
160	479	-.162	.098	.308	-.572
160	480	-.178	.100	.207	-.568
160	481	-.184	.103	.303	-.649
160	482	-.180	.100	.496	-.612
160	483	-.288	.110	.155	-.776
160	484	-.357	.121	.280	-1.063
160	485	-.380	.106	.103	-.889
160	486	-.435	.126	.174	-1.182
160	487	-.394	.096	.186	-.795
160	488	-.365	.084	.085	-.736
160	489	-.360	.079	-.010	-.769
160	490	-.368	.083	-.020	-.784
160	491	-.444	.093	-.152	-.951
160	492	-.174	.050	.095	-.350
160	493	-.162	.046	.022	-.354
160	494	-.160	.053	.110	-.372
160	495	-.309	.098	.380	-.701
160	496	-.295	.106	.337	-.676
160	497	-.285	.096	.285	-.800
160	498	-.266	.105	.219	-.533
160	499	-.216	.106	.243	-.492
160	500	-.212	.088	.162	-.509
160	501	-.239	.069	.039	-.502
160	502	-.327	.054	-.089	-.600
160	510	-.103	.227	.612	-.899
160	511	-.052	.338	1.110	-1.286
160	512	-.191	.319	.790	-1.075
160	513	-.480	.295	.592	-1.649
160	600	-.438	.097	.143	-1.338
160	601	-.434	.086	-.131	-1.092
160	602	-.513	.090	-.194	-1.327
160	603	-.446	.106	-.090	-1.226
160	604	-.443	.106	-.087	-1.422
160	605	-.433	.116	-.048	-1.286

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	606	-.506	.130	-.052	-1.551
160	607	-.397	.073	-.139	-.828
160	608	-.408	.084	-.151	-1.056
160	609	-.406	.077	-.128	-.910
160	610	-.483	.070	-.213	-.955
160	611	-.408	.061	-.097	-.789
160	612	-.428	.076	-.074	-.772
160	613	-.450	.096	-.107	-1.073
160	614	-.601	.119	-.287	-1.343
160	615	-.527	.123	-.178	-1.248
160	616	-.536	.129	-.188	-1.613
160	617	-.505	.117	-.159	-1.252
160	618	-.478	.106	-.143	-1.063
160	619	-.518	.099	-.152	-.963
160	620	-.445	.108	-.119	-1.098
160	621	-.670	.167	-.292	-1.571
160	622	-.679	.182	-.169	-1.722
160	623	-.685	.204	-.033	-1.670
160	624	-.478	.160	-.063	-1.243
160	625	-.403	.122	-.004	-.983
160	626	-.357	.075	-.047	-.767
160	627	-.356	.067	-.167	-.743
160	628	-.624	.172	-.208	-1.567
160	629	-.479	.170	-.002	-1.442
160	630	-.354	.102	-.067	-1.002
160	631	-.312	.063	.051	-.666
160	632	-.358	.050	-.192	-.672
160	633	-.280	.038	-.112	-.448
160	634	-.275	.039	-.126	-.466
160	635	-.357	.090	-.069	-.745
160	636	-.315	.059	-.059	-.701
160	637	-.283	.046	-.137	-.555
160	638	-.390	.071	-.201	-.701
160	639	-.326	.052	-.152	-.539
160	640	-.402	.047	-.221	-.582
160	641	-.253	.033	-.133	-.379
160	642	-.280	.032	-.177	-.403
160	643	-.288	.031	-.183	-.411
160	644	-.301	.032	-.197	-.406
160	645	-.248	.032	-.145	-.348
160	646	-.269	.031	-.168	-.368
160	647	-.250	.029	-.157	-.352
160	648	-.253	.028	-.153	-.359
160	650	-.416	.087	-.083	-1.045
160	651	-.422	.104	-.023	-1.048
160	900	-.354	.094	.121	-.793
160	901	-.413	.110	-.021	-1.112
160	902	-.180	.117	.599	-.502
160	903	-.271	.074	.057	-.555
160	904	-.348	.115	.146	-1.143

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	905	-.400	.113	.063	-.938
160	906	-.438	.130	.009	-1.015
160	907	-.524	.166	.209	-1.222
160	908	-.391	.168	.434	-1.274
160	909	-.565	.251	.247	-1.534
160	910	-.642	.260	.270	-1.616
160	911	-.222	.122	.447	-.581
160	912	-.479	.186	.107	-1.426
160	913	-.239	.042	-.023	-.399
160	914	-.456	.296	.414	-1.954
160	915	-.347	.249	.427	-2.152
160	916	-.279	.054	.010	-.685
160	917	-.511	.203	.233	-1.481
160	918	-.492	.143	-.009	-1.195
160	919	-.290	.067	-.011	-.624
160	920	-.543	.217	.129	-1.765
170	100	-.451	.125	-.138	-1.241
170	101	-.442	.120	-.033	-1.394
170	102	-.390	.085	-.138	-.813
170	103	-.393	.080	-.157	-.776
170	104	-.400	.086	-.148	-.777
170	105	-.415	.093	-.122	-.773
170	106	-.424	.090	-.131	-.786
170	107	-.455	.102	-.111	-1.224
170	108	-.427	.080	-.158	-.935
170	109	-.418	.071	-.215	-.888
170	110	-.401	.056	-.231	-.671
170	111	-.405	.050	-.232	-.619
170	112	-.411	.048	-.248	-.593
170	113	-.423	.054	-.272	-.761
170	114	-.488	.107	-.102	-1.815
170	115	-.452	.076	-.131	-1.656
170	116	-.428	.057	-.222	-.703
170	117	-.428	.050	-.262	-.802
170	118	-.438	.050	-.284	-.659
170	119	-.465	.054	-.319	-.762
170	120	-.454	.060	-.287	-.791
170	121	-.417	.072	-.092	-1.232
170	122	-.416	.060	-.153	-.752
170	123	-.440	.052	-.251	-.649
170	124	-.441	.058	-.261	-.730
170	125	-.472	.070	-.301	-.894
170	126	-.488	.077	-.315	-1.043
170	127	-.523	.077	-.314	-.950
170	128	-.306	.046	-.150	-.671
170	129	-.308	.043	-.169	-.512
170	130	-.313	.042	-.182	-.486
170	131	-.335	.042	-.177	-.542
170	132	-.469	.071	-.253	-.825
170	133	-.461	.061	-.268	-.742

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	134	-.464	.058	-.296	-.717
170	135	-.255	.030	-.150	-.358
170	136	-.285	.030	-.170	-.385
170	137	-.257	.031	-.115	-.362
170	138	-.274	.032	-.163	-.377
170	139	-.296	.034	-.177	-.451
170	140	-.332	.034	-.221	-.459
170	141	-.342	.039	-.210	-.500
170	142	-.372	.042	-.243	-.530
170	143	-.343	.042	-.198	-.499
170	144	-.378	.051	-.195	-.613
170	145	-.355	.065	-.143	-.713
170	150	-.473	.142	-.104	-1.205
170	151	-.446	.117	-.150	-1.037
170	200	-.431	.099	-.072	-.864
170	201	-.432	.089	-.088	-.785
170	202	-.436	.082	-.098	-1.023
170	203	-.432	.080	-.165	-.854
170	204	-.437	.097	-.155	-1.008
170	205	-.448	.106	-.071	-1.139
170	206	-.471	.101	-.125	-1.131
170	207	-.474	.098	-.184	-1.294
170	208	-.630	.190	-.037	-1.369
170	209	.174	.112	.551	-.351
170	210	.101	.196	.837	-.551
170	211	-.564	.170	.191	-1.286
170	212	-.200	.137	.330	-.925
170	213	-.166	.150	.340	-.909
170	214	-.304	.150	.309	-.904
170	215	-.317	.138	.120	-.923
170	216	-.132	.117	.236	-.743
170	217	-.387	.220	.549	-1.156
170	218	-.157	.126	.445	-.846
170	219	-.023	.142	.493	-.724
170	220	-.414	.052	-.267	-.686
170	221	-.417	.052	-.274	-.671
170	222	-.415	.052	-.278	-.678
170	223	-.405	.056	-.219	-.643
170	224	-.399	.063	-.209	-.746
170	225	-.424	.079	-.207	-.834
170	226	-.424	.080	-.160	-1.059
170	227	-.424	.075	-.164	-.955
170	228	-.353	.090	-.000	-.790
170	229	-.257	.119	.149	-.754
170	230	-.097	.040	.033	-.359
170	231	-.039	.066	.215	-.251
170	232	.002	.066	.261	-.230
170	233	.014	.067	.321	-.192
170	234	.004	.067	.262	-.210
170	235	.064	.074	.311	-.253

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	236	.185	.099	.589	-.252
170	237	.206	.104	.553	-.177
170	238	-.468	.070	-.299	-1.126
170	239	-.466	.067	-.288	-1.043
170	240	-.466	.056	-.320	-.779
170	241	-.431	.052	-.271	-.660
170	242	-.431	.053	-.275	-.719
170	243	-.439	.061	-.238	-.853
170	244	-.443	.051	-.269	-.632
170	245	-.419	.053	-.234	-.665
170	246	-.386	.055	-.207	-.646
170	247	-.261	.053	-.042	-.530
170	248	-.268	.058	-.041	-.517
170	249	-.210	.057	.029	-.505
170	250	-.197	.058	.041	-.476
170	251	-.167	.067	.093	-.491
170	252	-.164	.078	.113	-.493
170	253	-.128	.094	.263	-.591
170	254	-.006	.113	.471	-.450
170	255	.035	.111	.455	-.451
170	256	-.496	.074	-.308	-1.081
170	257	-.495	.077	-.315	-1.101
170	258	-.468	.077	-.293	-1.212
170	259	-.467	.075	-.268	-.867
170	260	-.473	.081	-.251	-.862
170	261	-.469	.098	-.172	-1.098
170	262	-.468	.095	-.180	-1.146
170	263	-.487	.090	-.222	-.884
170	264	-.445	.081	-.163	-.872
170	265	-.287	.075	-.010	-.698
170	266	-.274	.073	-.012	-.567
170	267	-.228	.075	.054	-.532
170	268	-.207	.081	.220	-.547
170	269	-.215	.081	.090	-.532
170	270	-.222	.086	.077	-.596
170	271	-.209	.094	.147	-.586
170	272	-.097	.110	.533	-.421
170	273	-.147	.105	.361	-.530
170	274	-.458	.055	-.288	-.711
170	275	-.428	.060	-.242	-.729
170	276	-.422	.068	-.175	-.812
170	277	-.543	.109	-.193	-1.040
170	278	-.578	.106	-.269	-1.103
170	279	-.640	.134	-.265	-1.218
170	280	-.436	.102	-.148	-1.010
170	281	-.412	.124	-.077	-1.451
170	282	-.288	.149	.176	-1.091
170	283	-.183	.103	.216	-.584
170	284	-.156	.099	.251	-.515
170	285	-.139	.086	.210	-.419
170	286	-.160	.084	.288	-.508
170	287	-.172	.086	.190	-.606
170	288	-.157	.084	.165	-.550
170	289	-.161	.079	.192	-.487
170	290	-.185	.086	.171	-.559
170	291	-.192	.080	.158	-.493
170	292	-.190	.083	.204	-.540
170	293	-.157	.078	.262	-.474
170	294	-.243	.079	.085	-.872
170	295	-.159	.062	.115	-.401
170	296	-.169	.060	.100	-.419
170	297	-.179	.058	.060	-.370
170	298	-.353	.039	-.103	-.498
170	299	-.330	.039	-.195	-.721
170	300	-.302	.044	-.156	-.483
170	301	-.338	.064	-.132	-.700
170	302	-.339	.075	-.135	-.715
170	303	-.437	.094	-.161	-.950
170	304	-.287	.053	-.055	-.603
170	305	-.298	.064	-.025	-.668
170	306	-.254	.055	-.029	-.547
170	307	-.186	.042	-.020	-.317
170	308	-.159	.049	.040	-.320
170	309	-.207	.055	.039	-.369
170	310	-.235	.054	.007	-.440
170	311	-.208	.043	-.013	-.392
170	312	-.281	.063	.189	-.484
170	313	-.275	.054	.027	-.503
170	314	-.305	.048	-.111	-.510
170	315	-.173	.050	.100	-.313
170	316	-.178	.049	.085	-.319
170	320	-.430	.096	-.161	-.880
170	321	-.460	.130	-.090	-1.110
170	322	-.477	.153	-.062	-1.775
170	323	-.680	.190	-.096	-1.694
170	400	.179	.106	.583	-.297
170	401	.296	.135	.819	-.267
170	402	.323	.210	1.164	-.437
170	403	-.159	.134	.415	-.685
170	404	-.093	.146	.425	-.619
170	405	-.090	.131	.509	-.778
170	406	.322	.192	1.173	-.586
170	407	.335	.203	1.133	-.772
170	408	-.068	.307	.809	-1.732
170	409	-.081	.209	.658	-1.296
170	410	-.259	.216	.510	-1.051
170	411	.391	.204	.524	-1.079
170	412	-.455	.199	.276	-1.178
170	413	-.477	.194	.166	-1.224
170	414	.089	.176	.778	-.586
170	415	.132	.170	.805	-.463
170	416	-.002	.113	.455	-.427
170	417	-.095	.122	.473	-.518
170	418	-.087	.093	.431	-.471
170	419	-.020	.112	.548	-.477
170	420	.168	.236	.884	-.748
170	421	-.027	.243	.905	-.766
170	422	.031	.102	.534	-.320
170	423	-.015	.082	.347	-.266
170	424	.107	.094	.443	-.232
170	425	.122	.092	.456	-.283
170	426	.071	.091	.435	-.334
170	427	.211	.112	.661	-.166
170	428	.465	.159	.969	-.196
170	429	.291	.124	.751	-.245
170	430	.505	.173	1.258	-.487
170	431	.504	.188	1.212	-.312
170	432	.120	.284	.884	-1.621
170	433	.149	.179	.771	-.761
170	434	-.030	.165	.507	-.735
170	435	-.264	.146	.349	-.863
170	436	-.411	.128	.040	-1.034
170	437	-.455	.123	-.113	-1.142
170	438	-.129	.115	.502	-.507
170	439	-.261	.056	-.012	-.499
170	440	-.235	.062	.030	-.467
170	441	-.129	.077	.353	-.403
170	442	-.136	.079	.287	-.416
170	443	-.065	.098	.433	-.576
170	444	-.089	.090	.396	-.437
170	445	.045	.123	.667	-.321
170	446	.132	.150	.843	-.377
170	447	.046	.166	.548	-.863
170	448	.189	.190	1.029	-.436
170	449	.216	.212	1.001	-.622
170	450	-.021	.214	.725	-1.032
170	451	-.024	.171	.594	-.738
170	452	-.144	.134	.387	-.821
170	453	-.258	.109	.351	-.780
170	454	-.429	.099	-.071	-.939
170	455	-.527	.108	-.223	-1.268
170	456	-.267	.117	.363	-.819
170	457	-.245	.082	.118	-.600
170	458	-.251	.083	.136	-.562
170	459	-.222	.082	.179	-.540
170	460	-.205	.094	.288	-.604
170	461	-.142	.092	.399	-.398
170	462	-.172	.096	.287	-.615
170	463	-.135	.105	.340	-.499
170	464	-.004	.170	.861	-.514

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	465	-.155	.159	.444	-.920
170	466	.042	.194	.922	-.539
170	467	.084	.211	.959	-.551
170	468	-.084	.221	.774	-1.044
170	469	-.089	.170	.616	-.657
170	470	-.149	.140	.373	-.694
170	471	-.281	.113	.290	-.732
170	472	-.430	.108	.133	-1.021
170	473	-.582	.124	-.136	-1.083
170	474	-.162	.126	.278	-.689
170	475	-.169	.111	.282	-.572
170	476	-.177	.106	.275	-.639
170	477	-.165	.101	.351	-.516
170	478	-.153	.091	.263	-.526
170	479	-.160	.085	.246	-.478
170	480	-.170	.083	.255	-.544
170	481	-.182	.076	.201	-.536
170	482	-.189	.080	.162	-.509
170	483	-.268	.092	.064	-.778
170	484	-.335	.109	.318	-.760
170	485	-.333	.097	.127	-.851
170	486	-.370	.098	.078	-.775
170	487	-.351	.086	.052	-.681
170	488	-.344	.086	.087	-.673
170	489	-.347	.082	.136	-.736
170	490	-.374	.086	-.003	-.765
170	491	-.459	.100	-.061	-.969
170	492	-.175	.053	.160	-.376
170	493	-.175	.045	.017	-.322
170	494	-.152	.056	.108	-.344
170	495	-.298	.087	.300	-.770
170	496	-.294	.095	.241	-.572
170	497	-.286	.095	.243	-.566
170	498	-.267	.106	.313	-.567
170	499	-.215	.116	.323	-.523
170	500	-.209	.106	.280	-.500
170	501	-.243	.082	.197	-.536
170	502	-.335	.052	-.139	-.555
170	510	.063	.147	.655	-.650
170	511	.438	.199	1.002	-.634
170	512	.456	.249	1.227	-1.034
170	513	.078	.300	.948	-1.865
170	600	-.693	.299	.221	-3.408
170	601	-.655	.240	.076	-1.752
170	602	-.688	.248	.072	-1.722
170	603	-.635	.264	.065	-2.106
170	604	-.603	.265	.160	-1.931
170	605	-.562	.240	.158	-1.988
170	606	-.562	.218	-.006	-1.734
170	607	-.551	.157	-.251	-1.972
170	608	-.570	.169	-.185	-1.902
170	609	-.605	.206	-.081	-2.160
170	610	-.642	.208	.099	-1.857
170	611	-.561	.169	.073	-1.446
170	612	-.539	.158	-.027	-1.273
170	613	-.571	.177	-.143	-1.380
170	614	-.654	.147	-.241	-1.717
170	615	-.630	.154	-.198	-1.969
170	616	-.658	.163	-.141	-1.640
170	617	-.674	.176	-.180	-1.801
170	618	-.643	.173	.005	-1.735
170	619	-.612	.150	-.072	-1.373
170	620	-.580	.164	-.048	-1.546
170	621	-.812	.203	-.391	-1.807
170	622	-.786	.215	-.263	-2.000
170	623	-.678	.181	-.048	-1.531
170	624	-.532	.155	-.079	-1.362
170	625	-.459	.128	-.100	-1.248
170	626	-.420	.098	-.058	-1.066
170	627	-.413	.087	-.177	-1.034
170	628	-.631	.172	-.270	-1.563
170	629	-.516	.175	-.096	-1.846
170	630	-.375	.107	-.092	-1.443
170	631	-.338	.072	-.091	-.778
170	632	-.356	.056	-.151	-.654
170	633	-.306	.046	-.140	-.510
170	634	-.296	.044	-.152	-.518
170	635	-.388	.096	-.032	-.814
170	636	-.313	.062	-.095	-.871
170	637	-.290	.050	-.113	-.658
170	638	-.416	.077	-.121	-.795
170	639	-.340	.058	-.080	-.590
170	640	-.400	.050	-.224	-.607
170	641	-.256	.039	-.125	-.398
170	642	-.281	.039	-.145	-.447
170	643	-.296	.039	-.159	-.456
170	644	-.301	.037	-.147	-.444
170	645	-.256	.038	-.093	-.401
170	646	-.275	.037	-.128	-.406
170	647	-.258	.034	-.111	-.384
170	648	-.255	.030	-.158	-.359
170	650	-.523	.192	.005	-1.567
170	651	-.526	.210	.026	-1.714
170	900	-.342	.133	.113	-.902
170	901	-.525	.177	.109	-1.171
170	902	-.139	.146	.769	-.491
170	903	-.243	.081	.173	-.550
170	904	-.204	.191	.578	-.980
170	905	-.432	.154	.078	-1.045
170	906	-.461	.185	.116	-1.081
170	907	-.891	.284	.131	-1.926
170	908	-.430	.193	.246	-1.240
170	909	-.683	.265	.465	-1.723
170	910	-1.269	.428	.130	-2.851
170	911	-.214	.118	.371	-.490
170	912	-.573	.176	.032	-1.318
170	913	-.278	.046	-.063	-.511
170	914	-.431	.261	.656	-1.923
170	915	-.350	.291	.497	-2.041
170	916	-.324	.057	-.114	-.643
170	917	-.561	.161	-.020	-1.982
170	918	-.504	.106	-.246	-1.547
170	919	-.337	.073	-.086	-.656
170	920	-.565	.158	-.146	-1.528
180	100	-.500	.129	-.046	-.986
180	101	-.476	.109	-.155	-.987
180	102	-.450	.089	-.137	-1.104
180	103	-.450	.082	-.186	-.957
180	104	-.455	.082	-.188	-1.064
180	105	-.467	.085	-.170	-.923
180	106	-.463	.089	-.125	-.965
180	107	-.565	.150	-.101	-1.630
180	108	-.509	.103	-.152	-1.377
180	109	-.493	.080	-.206	-.959
180	110	-.465	.061	-.251	-.694
180	111	-.468	.055	-.298	-.709
180	112	-.470	.059	-.234	-.776
180	113	-.474	.062	-.245	-.796
180	114	-.617	.137	.074	-2.199
180	115	-.565	.102	-.202	-1.475
180	116	-.547	.085	-.262	-1.071
180	117	-.522	.071	-.342	-.889
180	118	-.515	.065	-.329	-.787
180	119	-.507	.069	-.303	-.904
180	120	-.528	.075	-.281	-.882
180	121	-.479	.096	-.186	-1.321
180	122	-.473	.082	-.235	-.885
180	123	-.465	.068	-.259	-.736
180	124	-.503	.069	-.281	-.860
180	125	-.546	.091	-.291	-1.357
180	126	-.585	.110	-.225	-1.384
180	127	-.583	.115	-.303	-1.353
180	128	-.317	.047	-.170	-.759
180	129	-.321	.040	-.116	-.536
180	130	-.327	.044	-.164	-.498
180	131	-.355	.049	-.180	-.645
180	132	-.496	.101	-.229	-.933
180	133	-.544	.085	-.293	-.923
180	134	-.546	.081	-.281	-.906
180	135	-.263	.029	-.130	-.374

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	136	-.251	.030	-.115	-.348
180	137	-.268	.032	-.143	-.378
180	138	-.286	.032	-.164	-.400
180	139	-.311	.035	-.184	-.449
180	140	-.310	.041	-.155	-.466
180	141	-.375	.047	-.169	-.556
180	142	-.414	.052	-.188	-.654
180	143	-.377	.050	-.197	-.592
180	144	-.370	.064	-.155	-.617
180	145	-.409	.067	-.119	-.701
180	150	-.509	.137	-.108	-1.175
180	151	-.483	.101	-.179	-.887
180	200	-.482	.111	-.106	-1.109
180	201	-.484	.101	-.107	-1.098
180	202	-.497	.104	-.108	-1.185
180	203	-.502	.121	-.052	-1.537
180	204	-.510	.136	-.091	-1.265
180	205	-.525	.142	-.053	-1.476
180	206	-.551	.126	-.035	-1.282
180	207	-.552	.148	-.172	-1.597
180	208	-.509	.222	.203	-1.723
180	209	.198	.158	.681	-.790
180	210	-.219	.176	.885	-.592
180	211	-.562	.141	.031	-1.039
180	212	-.137	.113	.242	-.616
180	213	-.118	.120	.226	-.808
180	214	-.176	.172	.612	-.745
180	215	-.240	.153	.284	-.922
180	216	-.044	.125	.358	-.636
180	217	-.204	.271	.838	-1.225
180	218	-.114	.125	.410	-.699
180	219	.049	.143	.648	-.751
180	220	-.473	.071	-.221	-.852
180	221	-.474	.067	-.247	-.806
180	222	-.479	.070	-.224	-.837
180	223	-.478	.080	-.227	-.992
180	224	-.470	.090	-.122	-.970
180	225	-.499	.118	-.107	-1.129
180	226	-.513	.109	-.090	-1.111
180	227	-.536	.122	-.157	-1.413
180	228	-.430	.115	.017	-.967
180	229	-.276	.125	.141	-.787
180	230	-.058	.046	.116	-.198
180	231	.036	.078	.443	-.241
180	232	.080	.079	.500	-.153
180	233	.103	.082	.561	-.177
180	234	.093	.084	.583	-.154
180	235	.160	.091	.570	-.253
180	236	.278	.104	.669	-.081
180	237	.287	.110	.719	-.061
180	238	-.552	.096	-.338	-1.083
180	239	-.549	.088	-.322	-1.107
180	240	-.530	.079	-.324	-.992
180	241	-.491	.067	-.262	-.802
180	242	-.486	.065	-.282	-.795
180	243	-.511	.090	-.251	-1.078
180	244	-.487	.057	-.274	-.733
180	245	-.462	.061	-.230	-.704
180	246	-.414	.057	-.200	-.662
180	247	-.254	.055	-.048	-.506
180	248	-.262	.060	-.024	-.559
180	249	-.188	.063	.039	-.504
180	250	-.164	.065	.053	-.475
180	251	-.121	.075	.119	-.460
180	252	-.099	.078	.214	-.431
180	253	-.052	.090	.297	-.464
180	254	.099	.112	.662	-.369
180	255	.111	.099	.505	-.301
180	256	-.589	.102	-.356	-1.292
180	257	-.572	.095	-.302	-1.632
180	258	-.542	.089	-.272	-1.226
180	259	-.529	.080	-.205	-1.065
180	260	-.533	.081	-.143	-.904
180	261	-.561	.122	-.223	-2.071
180	262	-.563	.104	-.176	-1.380
180	263	-.532	.088	-.279	-.914
180	264	-.477	.084	-.147	-.867
180	265	-.281	.080	.022	-.763
180	266	-.280	.081	.038	-.592
180	267	-.237	.085	.100	-.572
180	268	-.180	.087	.258	-.556
180	269	-.235	.092	.131	-.618
180	270	-.240	.093	.114	-.635
180	271	-.224	.103	.161	-.760
180	272	-.077	.115	.386	-.423
180	273	-.161	.120	.325	-.645
180	274	-.493	.059	-.343	-.806
180	275	-.460	.060	-.284	-.870
180	276	-.497	.091	-.245	-1.055
180	277	-.594	.117	-.301	-1.272
180	278	-.669	.129	-.321	-1.370
180	279	-.741	.164	-.289	-1.827
180	280	-.509	.126	-.211	-1.264
180	281	-.490	.158	-.111	-1.424
180	282	-.312	.167	.179	-.984
180	283	-.195	.104	.162	-.540
180	284	-.169	.101	.170	-.623
180	285	-.112	.096	.239	-.411
180	286	-.182	.082	.133	-.487
180	287	-.194	.078	.140	-.557
180	288	-.182	.073	.151	-.579
180	289	-.123	.079	.262	-.418
180	290	-.212	.071	.102	-.494
180	291	-.223	.070	.173	-.504
180	292	-.226	.077	.173	-.604
180	293	-.182	.069	.163	-.492
180	294	-.271	.069	.053	-.633
180	295	-.178	.063	.131	-.378
180	296	-.197	.060	.078	-.411
180	297	-.204	.057	.043	-.480
180	298	-.371	.043	-.070	-.654
180	299	-.349	.039	-.221	-.550
180	300	-.324	.043	-.147	-.508
180	301	-.346	.059	-.159	-.850
180	302	-.376	.092	-.122	-.731
180	303	-.426	.102	-.187	-1.057
180	304	-.295	.053	-.019	-.585
180	305	-.297	.063	.146	-.589
180	306	-.264	.057	.062	-.520
180	307	-.141	.052	.157	-.300
180	308	-.112	.060	.207	-.298
180	309	-.231	.054	-.019	-.400
180	310	-.263	.051	.036	-.469
180	311	-.233	.041	-.071	-.406
180	312	-.290	.076	.069	-.646
180	313	-.307	.062	.024	-.557
180	314	-.321	.053	-.055	-.533
180	315	-.195	.048	.075	-.342
180	316	-.200	.048	.040	-.350
180	320	-.502	.132	-.064	-1.210
180	321	-.585	.206	-.010	-1.520
180	322	-.653	.277	-.136	-1.894
180	323	-.678	.260	.154	-2.142
180	400	.230	.135	.703	-.490
180	401	.331	.148	.840	-.361
180	402	.378	.167	1.042	-.292
180	403	.003	.138	.540	-.492
180	404	.019	.143	.510	-.538
180	405	.004	.118	.383	-.556
180	406	.353	.143	.795	-.263
180	407	.383	.150	.931	-.242
180	408	.066	.185	.763	-.715
180	409	.044	.126	.603	-.438
180	410	.096	.128	.423	-.548
180	411	.236	.139	.346	-.714
180	412	.349	.161	.314	-1.030
180	413	.432	.185	.226	-1.195
180	414	.163	.193	.840	-.775
180	415	.193	.159	.831	-.373
180	416	.124	.129	.775	-.242

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	417	.041	.139	.557	-.459
180	418	.028	.117	.432	-.397
180	419	.099	.130	.616	-.297
180	420	.110	.287	.945	-.722
180	421	.152	.281	1.169	-.731
180	422	.123	.126	.690	-.432
180	423	.074	.100	.542	-.344
180	424	.186	.112	.668	-.152
180	425	.191	.107	.634	-.124
180	426	.161	.107	.660	-.153
180	427	.283	.121	.727	-.045
180	428	.477	.144	1.045	.032
180	429	.335	.126	.784	-.295
180	430	.524	.146	1.013	-.160
180	431	.502	.164	1.057	-.105
180	432	.199	.222	.887	-.876
180	433	.240	.143	.772	-.290
180	434	.082	.123	.529	-.302
180	435	-.160	.116	.308	-.572
180	436	-.359	.119	.060	-.855
180	437	-.496	.138	-.124	-1.124
180	438	-.098	.112	.510	-.456
180	439	-.247	.058	-.012	-.482
180	440	-.211	.061	.058	-.466
180	441	-.105	.075	.291	-.383
180	442	-.094	.075	.238	-.373
180	443	-.009	.095	.658	-.337
180	444	-.034	.083	.351	-.368
180	445	.106	.117	.619	-.405
180	446	.221	.147	.804	-.299
180	447	.144	.131	.549	-.512
180	448	.309	.178	1.089	-.370
180	449	.298	.198	.860	-.433
180	450	.052	.193	.667	-.719
180	451	.043	.157	.549	-.548
180	452	-.095	.130	.335	-.608
180	453	-.247	.101	.107	-.807
180	454	-.456	.090	-.025	-1.074
180	455	-.612	.098	-.181	-1.228
180	456	-.253	.117	.724	-.673
180	457	-.266	.082	.038	-.567
180	458	-.262	.084	.219	-.591
180	459	-.237	.084	.199	-.593
180	460	-.219	.097	.237	-.550
180	461	-.181	.095	.472	-.500
180	462	-.210	.107	.475	-.595
180	463	-.169	.115	.369	-.652
180	464	-.008	.166	.808	-.431
180	465	-.096	.162	.610	-.933
180	466	.071	.212	.809	-.481

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	467	-.006	.204	.802	-.606
180	468	-.213	.212	.950	-1.039
180	469	-.202	.148	.397	-.844
180	470	-.242	.120	.267	-.791
180	471	-.350	.097	.030	-.750
180	472	-.505	.098	-.178	-.922
180	473	-.698	.127	-.298	-1.475
180	474	-.145	.166	.370	-.923
180	475	-.147	.144	.402	-.654
180	476	-.163	.138	.335	-.747
180	477	-.150	.124	.303	-.655
180	478	-.136	.103	.301	-.543
180	479	-.146	.092	.197	-.534
180	480	-.156	.081	.192	-.560
180	481	-.157	.077	.155	-.453
180	482	-.176	.074	.142	-.629
180	483	-.306	.084	.199	-.625
180	484	-.460	.127	-.041	-.968
180	485	-.385	.085	.072	-.713
180	486	-.423	.087	.098	-.788
180	487	-.403	.077	.103	-.697
180	488	-.391	.071	.131	-.626
180	489	-.384	.072	.286	-.660
180	490	-.398	.075	.149	-.707
180	491	-.463	.075	-.052	-.782
180	492	-.132	.062	.179	-.319
180	493	-.120	.055	.150	-.298
180	494	-.106	.066	.203	-.348
180	495	-.361	.074	.100	-.594
180	496	-.357	.075	.120	-.606
180	497	-.372	.084	.043	-.660
180	498	-.358	.074	.112	-.644
180	499	-.313	.081	.134	-.660
180	500	-.296	.081	.057	-.555
180	501	-.313	.070	.050	-.609
180	502	-.373	.055	.114	-.613
180	510	.170	.141	.666	-.593
180	511	.497	.145	1.029	-.037
180	512	.510	.165	1.111	-.128
180	513	.198	.193	.929	-.534
180	600	-.870	.374	-.203	-3.276
180	601	-.836	.282	-.029	-1.983
180	602	-.841	.266	-.014	-1.833
180	603	-.792	.233	.198	-1.854
180	604	-.729	.260	.229	-2.002
180	605	-.670	.308	.199	-2.362
180	606	-.616	.292	.164	-2.149
180	607	-.715	.163	-.349	-1.623
180	608	-.735	.172	-.242	-1.763
180	609	-.840	.205	-.125	-2.161

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	610	-.864	.245	-.019	-2.055
180	611	-.766	.217	.081	-1.557
180	612	-.678	.222	.080	-1.697
180	613	-.695	.269	.098	-2.149
180	614	-.865	.145	-.409	-1.529
180	615	-.887	.151	-.425	-1.594
180	616	-.911	.160	-.459	-1.660
180	617	-.861	.178	-.335	-1.812
180	618	-.812	.197	-.022	-1.710
180	619	-.691	.189	.100	-1.576
180	620	-.679	.187	-.016	-2.015
180	621	-1.030	.230	-.483	-2.410
180	622	-.984	.255	-.281	-2.182
180	623	-.659	.246	-.016	-1.922
180	624	-.484	.161	-.009	-1.526
180	625	-.392	.111	-.001	-1.045
180	626	-.419	.077	-.164	-1.060
180	627	-.439	.078	-.173	-.827
180	628	-.549	.122	-.207	-1.274
180	629	-.514	.124	-.194	-1.147
180	630	-.395	.078	-.090	-.928
180	631	-.358	.053	-.158	-.607
180	632	-.322	.045	-.170	-.528
180	633	-.321	.041	-.150	-.517
180	634	-.309	.041	-.157	-.661
180	635	-.439	.095	-.066	-1.089
180	636	-.354	.074	-.121	-1.081
180	637	-.336	.066	-.140	-.748
180	638	-.440	.078	-.214	-.939
180	639	-.377	.061	-.154	-.674
180	640	-.409	.052	-.163	-.652
180	641	-.277	.041	-.093	-.426
180	642	-.300	.039	-.108	-.456
180	643	-.323	.039	-.162	-.472
180	644	-.330	.039	-.187	-.466
180	645	-.288	.039	-.143	-.500
180	646	-.292	.038	-.143	-.437
180	647	-.272	.036	-.114	-.415
180	648	-.264	.034	-.135	-.380
180	650	-.593	.212	.091	-1.422
180	651	-.593	.250	.173	-1.714
180	900	-.349	.112	.096	-.824
180	901	-.632	.181	.052	-1.318
180	902	-.253	.124	.623	-1.045
180	903	-.297	.087	.088	-.861
180	904	-.152	.175	.425	-.892
180	905	-.491	.127	-.075	-.943
180	906	-.444	.128	-.021	-.966
180	907	-1.084	.230	-.364	-1.933
180	908	-.526	.171	.195	-1.610

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	909	-.705	.180	.062	-1.549
180	910	-1.470	.296	-.524	-2.507
180	911	-.284	.085	.239	-.550
180	912	-.671	.140	-.173	-1.564
180	913	-.277	.052	-.044	-.547
180	914	-.267	.231	.748	-1.294
180	915	-.229	.254	.487	-1.420
180	916	-.327	.070	-.096	-.733
180	917	-.630	.163	-.049	-1.402
180	918	-.591	.134	-.252	-1.491
180	919	-.374	.087	-.112	-.714
180	920	-.644	.175	-.298	-1.734
190	100	-.486	.105	-.115	-.938
190	101	-.440	.090	-.121	-1.291
190	102	-.427	.080	-.188	-.892
190	103	-.432	.078	-.159	-.812
190	104	-.444	.089	-.084	-1.073
190	105	-.476	.121	-.103	-1.406
190	106	-.480	.133	-.074	-1.305
190	107	-.544	.112	-.166	-1.008
190	108	-.484	.079	-.175	-.853
190	109	-.470	.064	-.235	-.687
190	110	-.447	.058	-.261	-.696
190	111	-.452	.061	-.238	-.765
190	112	-.460	.076	-.179	-.934
190	113	-.492	.088	-.242	-.908
190	114	-.536	.118	-.148	-1.084
190	115	-.543	.094	-.201	-.914
190	116	-.518	.079	-.231	-.855
190	117	-.488	.066	-.191	-.956
190	118	-.477	.063	-.052	-.731
190	119	-.478	.071	-.157	-.861
190	120	-.502	.078	-.209	-.898
190	121	-.470	.101	-.215	-1.099
190	122	-.485	.095	-.226	-.959
190	123	-.472	.082	-.235	-.909
190	124	-.491	.073	-.235	-.779
190	125	-.518	.087	-.237	-.934
190	126	-.559	.108	-.242	-1.107
190	127	-.574	.118	-.273	-1.227
190	128	-.317	.064	-.081	-.729
190	129	-.321	.052	-.138	-.617
190	130	-.319	.049	-.136	-.542
190	131	-.348	.053	-.132	-.649
190	132	-.469	.094	-.191	-.963
190	133	-.523	.089	-.252	-.953
190	134	-.521	.085	-.265	-.937
190	135	-.253	.029	-.115	-.355
190	136	-.242	.031	-.099	-.353
190	137	-.257	.032	-.107	-.371

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	138	-.272	.033	-.158	-.418
190	139	-.294	.032	-.184	-.419
190	140	-.296	.038	-.157	-.463
190	141	-.360	.047	-.211	-.550
190	142	-.394	.052	-.229	-.595
190	143	-.356	.047	-.143	-.560
190	144	-.349	.059	-.140	-.599
190	145	-.390	.062	-.196	-.822
190	150	-.477	.106	-.155	-1.091
190	151	-.444	.081	-.200	-.802
190	200	-.501	.155	-.035	-1.263
190	201	-.505	.147	-.049	-1.290
190	202	-.520	.158	-.093	-1.209
190	203	-.514	.157	-.074	-1.573
190	204	-.531	.151	-.054	-1.599
190	205	-.545	.151	-.043	-1.344
190	206	-.557	.148	-.132	-1.287
190	207	-.719	.234	-.148	-1.986
190	208	-.390	.255	.355	-1.763
190	209	.043	.226	.763	-.703
190	210	-.011	.213	.743	-.727
190	211	-.271	.205	.374	-.968
190	212	-.164	.153	.284	-.799
190	213	-.290	.179	.262	-.955
190	214	-.159	.193	.555	-.768
190	215	-.121	.165	.536	-.791
190	216	-.124	.147	.406	-.709
190	217	-.124	.218	.700	-.878
190	218	-.123	.143	.455	-.668
190	219	-.039	.160	.677	-.510
190	220	-.495	.121	-.221	-1.620
190	221	-.490	.102	-.177	-1.167
190	222	-.489	.102	-.196	-1.180
190	223	-.497	.107	-.162	-1.134
190	224	-.489	.119	-.119	-1.116
190	225	-.514	.123	-.164	-1.169
190	226	-.536	.147	-.113	-1.519
190	227	-.625	.189	-.211	-1.717
190	228	-.408	.147	.201	-.983
190	229	-.236	.156	.515	-.880
190	230	-.126	.077	.253	-.371
190	231	-.057	.115	.608	-.400
190	232	-.021	.116	.514	-.361
190	233	-.008	.119	.522	-.357
190	234	.013	.123	.594	-.383
190	235	.025	.126	.741	-.310
190	236	.105	.140	.754	-.390
190	237	.109	.150	.690	-.398
190	238	-.527	.112	-.288	-1.256
190	239	-.518	.093	-.303	-1.192

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	240	-.496	.080	-.287	-.939
190	241	-.473	.083	-.245	-.911
190	242	-.465	.084	-.225	-.958
190	243	-.508	.124	-.187	-1.243
190	244	-.501	.091	-.232	-1.231
190	245	-.500	.109	-.210	-1.271
190	246	-.401	.084	-.015	-.854
190	247	-.232	.068	.085	-.561
190	248	-.218	.066	.153	-.476
190	249	-.162	.064	.093	-.457
190	250	-.144	.061	.094	-.419
190	251	-.117	.065	.121	-.386
190	252	-.115	.071	.258	-.411
190	253	-.092	.081	.229	-.533
190	254	.009	.083	.391	-.353
190	255	.004	.080	.316	-.563
190	256	-.574	.119	-.287	-1.209
190	257	-.552	.105	-.285	-1.247
190	258	-.531	.103	-.215	-1.147
190	259	-.521	.104	-.223	-1.134
190	260	-.524	.105	-.238	-1.066
190	261	-.570	.135	-.182	-1.255
190	262	-.576	.146	-.135	-1.448
190	263	-.568	.127	-.235	-1.229
190	264	-.411	.100	-.034	-.803
190	265	-.221	.086	.109	-.561
190	266	-.217	.088	.141	-.562
190	267	-.175	.089	.185	-.568
190	268	-.185	.084	.191	-.635
190	269	-.166	.090	.175	-.529
190	270	-.179	.097	.186	-.538
190	271	-.178	.105	.194	-.560
190	272	-.071	.101	.411	-.413
190	273	-.100	.101	.333	-.481
190	274	-.488	.080	-.225	-.813
190	275	-.472	.086	-.213	-1.024
190	276	-.513	.110	-.248	-1.038
190	277	-.564	.115	-.238	-1.331
190	278	-.611	.122	-.296	-1.441
190	279	-.644	.147	-.294	-1.427
190	280	-.527	.133	-.181	-1.404
190	281	-.560	.159	-.059	-1.350
190	282	-.321	.150	.148	-1.066
190	283	-.184	.094	.160	-.614
190	284	-.156	.088	.152	-.494
190	285	-.156	.083	.173	-.563
190	286	-.147	.077	.202	-.471
190	287	-.142	.073	.136	-.457
190	288	-.129	.071	.202	-.420
190	289	-.148	.081	.186	-.522

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	290	-.152	.073	.153	-.517
190	291	-.169	.072	.052	-.519
190	292	-.182	.075	.135	-.518
190	293	-.121	.077	.186	-.382
190	294	-.208	.081	.177	-.573
190	295	-.119	.060	.134	-.361
190	296	-.112	.061	.152	-.351
190	297	-.117	.064	.178	-.472
190	298	-.355	.047	-.165	-.573
190	299	-.313	.043	-.091	-.504
190	300	-.288	.055	-.072	-.506
190	301	-.347	.093	-.112	-.776
190	302	-.409	.083	-.106	-.800
190	303	-.446	.101	-.129	-.869
190	304	-.266	.058	-.067	-.557
190	305	-.306	.077	-.074	-.758
190	306	-.226	.056	.062	-.431
190	307	-.142	.048	.092	-.369
190	308	-.126	.052	.099	-.291
190	309	-.144	.051	.151	-.342
190	310	-.157	.052	.055	-.359
190	311	-.153	.045	.041	-.420
190	312	-.268	.060	-.010	-.547
190	313	-.239	.052	-.012	-.539
190	314	-.283	.053	-.041	-.483
190	315	-.126	.046	.071	-.267
190	316	-.133	.045	.062	-.274
190	320	-.527	.139	-.124	-1.369
190	321	-.624	.227	-.034	-1.744
190	322	-.851	.302	-.165	-2.125
190	323	-.533	.322	.295	-2.028
190	400	.016	.215	.887	-.600
190	401	.035	.216	.862	-.536
190	402	.053	.226	.947	-.605
190	403	-.119	.183	.653	-.677
190	404	-.112	.168	.646	-.653
190	405	.083	.180	.738	-.637
190	406	.348	.229	1.030	-.533
190	407	.148	.260	.835	-.720
190	408	-.197	.270	.524	-1.197
190	409	-.114	.166	.326	-.930
190	410	-.179	.139	.261	-.850
190	411	-.246	.123	.188	-.786
190	412	-.326	.117	.168	-.752
190	413	-.407	.123	.058	-.916
190	414	-.078	.210	.879	-1.133
190	415	-.007	.155	.988	-.803
190	416	-.005	.170	.773	-.642
190	417	-.011	.174	.817	-.549
190	418	-.022	.171	.727	-.622

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	419	.019	.191	.821	-.477
190	420	-.107	.176	.695	-.647
190	421	-.098	.158	.651	-.559
190	422	-.056	.127	.541	-.555
190	423	-.063	.117	.509	-.448
190	424	.001	.132	.616	-.361
190	425	.014	.126	.608	-.325
190	426	-.000	.126	.584	-.358
190	427	.050	.134	.704	-.296
190	428	.133	.172	.845	-.347
190	429	.036	.154	.726	-.885
190	430	.259	.239	.906	-.650
190	431	.075	.260	1.028	-.596
190	432	-.152	.322	.824	-1.410
190	433	-.086	.245	.750	-1.056
190	434	.001	.177	.487	-.615
190	435	-.249	.146	.304	-.727
190	436	-.369	.125	.154	-.834
190	437	-.468	.110	-.058	-.981
190	438	-.138	.115	.525	-.441
190	439	-.214	.073	.166	-.474
190	440	-.183	.073	.138	-.408
190	441	-.112	.081	.318	-.405
190	442	-.103	.074	.299	-.422
190	443	-.056	.085	.397	-.443
190	444	-.056	.078	.316	-.352
190	445	.022	.102	.446	-.316
190	446	.083	.141	.755	-.386
190	447	-.009	.127	.445	-.891
190	448	.157	.172	.742	-.596
190	449	.135	.223	.861	-.494
190	450	-.024	.238	.713	-.869
190	451	-.023	.191	.609	-.753
190	452	-.113	.157	.349	-.705
190	453	-.228	.126	.193	-.723
190	454	-.405	.106	-.103	-.848
190	455	-.550	.103	-.239	-1.031
190	456	-.143	.137	.567	-.527
190	457	-.193	.093	.210	-.472
190	458	-.170	.095	.289	-.536
190	459	-.143	.091	.347	-.460
190	460	-.115	.095	.417	-.427
190	461	-.087	.090	.417	-.388
190	462	-.116	.091	.389	-.408
190	463	-.086	.092	.309	-.377
190	464	.061	.164	.856	-.355
190	465	-.067	.132	.392	-.694
190	466	.119	.172	.743	-.529
190	467	.118	.190	.789	-.410
190	468	-.089	.187	.617	-.952

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	469	-.087	.155	.437	-.621
190	470	-.150	.128	.322	-.497
190	471	-.304	.103	.175	-.743
190	472	-.455	.098	-.093	-.861
190	473	-.623	.108	-.312	-1.085
190	474	-.174	.126	.242	-.785
190	475	-.191	.105	.230	-.661
190	476	-.185	.102	.231	-.649
190	477	-.164	.090	.312	-.513
190	478	-.147	.086	.210	-.527
190	479	-.155	.081	.136	-.548
190	480	-.170	.081	.158	-.556
190	481	-.168	.081	.167	-.489
190	482	-.183	.078	.125	-.503
190	483	-.290	.092	.108	-.627
190	484	-.378	.114	.161	-.815
190	485	-.390	.086	0.000	-.763
190	486	-.447	.087	-.179	-.888
190	487	-.410	.070	-.153	-.714
190	488	-.392	.064	-.191	-.654
190	489	-.381	.059	.024	-.689
190	490	-.401	.067	.044	-.672
190	491	-.481	.090	-.100	-.890
190	492	-.148	.053	.133	-.300
190	493	-.127	.048	.123	-.293
190	494	-.125	.057	.150	-.298
190	495	-.342	.063	.088	-.549
190	496	-.339	.072	-.018	-.574
190	497	-.347	.074	-.042	-.620
190	498	-.330	.079	.193	-.591
190	499	-.276	.088	.183	-.532
190	500	-.250	.084	.158	-.504
190	501	-.275	.067	.048	-.466
190	502	-.353	.050	-.145	-.570
190	510	.184	.192	.782	-.848
190	511	.430	.234	1.057	-.565
190	512	.366	.240	1.057	-.642
190	513	.017	.239	.598	-1.167
190	600	-.600	.166	-.313	-2.592
190	601	-.615	.152	-.317	-1.533
190	602	-.631	.157	-.198	-1.560
190	603	-.709	.169	-.161	-1.465
190	604	-.663	.185	-.038	-1.660
190	605	-.675	.240	.071	-2.219
190	606	-.646	.245	.074	-1.776
190	607	-.603	.109	-.307	-1.165
190	608	-.613	.117	-.306	-1.312
190	609	-.645	.138	-.165	-1.709
190	610	-.666	.166	-.111	-1.759
190	611	-.650	.157	.094	-1.387

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	612	-.667	.171	-.014	-1.359
190	613	-.702	.219	-.127	-1.636
190	614	-.756	.118	-.351	-1.497
190	615	-.773	.123	-.355	-1.597
190	616	-.782	.131	-.315	-1.436
190	617	-.720	.155	-.167	-1.391
190	618	-.734	.151	-.085	-1.643
190	619	-.676	.169	.171	-1.315
190	620	-.691	.198	.034	-1.547
190	621	-.884	.178	-.411	-1.696
190	622	-.893	.184	-.287	-2.001
190	623	-.772	.221	-.113	-1.601
190	624	-.599	.224	.180	-1.475
190	625	-.467	.162	-.009	-1.276
190	626	-.420	.121	.007	-1.082
190	627	-.437	.108	-.122	-1.030
190	628	-.572	.147	-.120	-1.480
190	629	-.543	.160	-.159	-1.435
190	630	-.383	.105	-.048	-1.113
190	631	-.340	.071	-.127	-.905
190	632	-.311	.057	-.118	-.633
190	633	-.316	.054	-.138	-.560
190	634	-.304	.053	-.107	-.556
190	635	-.417	.089	-.132	-.879
190	636	-.329	.061	-.115	-.602
190	637	-.313	.048	-.176	-.547
190	638	-.427	.073	-.215	-.838
190	639	-.352	.052	-.148	-.610
190	640	-.427	.056	-.235	-.757
190	641	-.284	.038	-.130	-.436
190	642	-.288	.037	-.168	-.443
190	643	-.305	.037	-.167	-.455
190	644	-.308	.035	-.174	-.481
190	645	-.273	.035	-.137	-.412
190	646	-.270	.033	-.139	-.398
190	647	-.254	.032	-.139	-.365
190	648	-.245	.030	-.136	-.370
190	650	-.575	.160	-.020	-1.318
190	651	-.598	.201	.071	-1.463
190	900	-.351	.083	-.046	-.791
190	901	-.460	.170	.042	-1.024
190	902	-.209	.108	.284	-.534
190	903	-.271	.079	.177	-.547
190	904	-.154	.136	.387	-.664
190	905	-.500	.117	-.121	-.959
190	906	-.404	.091	-.143	-.914
190	907	-.865	.185	-.269	-1.543
190	908	-.488	.145	.157	-1.244
190	909	-.617	.198	.011	-1.583
190	910	-1.076	.223	-.312	-1.980

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	911	-.290	.102	.286	-.568
190	912	-.690	.158	-.177	-1.553
190	913	-.290	.066	-.086	-.772
190	914	-.086	.209	.659	-.841
190	915	-.052	.199	.678	-1.278
190	916	-.361	.100	-.066	-1.192
190	917	-.622	.181	.130	-1.470
190	918	-.742	.191	-.296	-1.743
190	919	-.403	.081	-.120	-.756
190	920	-.788	.213	-.218	-1.655
200	100	-.447	.096	-.118	-.936
200	101	-.439	.073	-.147	-.760
200	102	-.420	.067	-.236	-.738
200	103	-.420	.068	-.191	-.779
200	104	-.442	.085	-.096	-1.040
200	105	-.450	.112	-.043	-1.032
200	106	-.471	.121	-.018	-1.093
200	107	-.474	.076	-.184	-.933
200	108	-.442	.055	-.246	-.711
200	109	-.428	.046	-.239	-.612
200	110	-.439	.047	-.302	-.726
200	111	-.438	.059	-.253	-.884
200	112	-.462	.076	-.234	-.933
200	113	-.475	.089	-.234	-.892
200	114	-.512	.078	-.255	-1.294
200	115	-.468	.070	-.221	-.850
200	116	-.445	.059	-.182	-.746
200	117	-.444	.052	-.272	-.723
200	118	-.450	.058	-.174	-.780
200	119	-.485	.077	-.253	-.978
200	120	-.494	.093	-.225	-1.192
200	121	-.460	.089	-.022	-1.160
200	122	-.440	.071	-.200	-.824
200	123	-.442	.059	-.212	-.755
200	124	-.445	.056	-.239	-.711
200	125	-.477	.067	-.296	-.900
200	126	-.497	.082	-.230	-.995
200	127	-.525	.089	-.224	-.946
200	128	-.292	.052	-.110	-.619
200	129	-.287	.041	-.135	-.504
200	130	-.301	.046	-.134	-.492
200	131	-.345	.048	-.174	-.619
200	132	-.444	.075	-.216	-.806
200	133	-.461	.075	-.239	-.770
200	134	-.476	.075	-.234	-.790
200	135	-.246	.028	-.139	-.332
200	136	-.254	.030	-.143	-.354
200	137	-.252	.030	-.127	-.348
200	138	-.276	.029	-.151	-.404
200	139	-.307	.029	-.203	-.421

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	140	-.309	.036	-.202	-.456
200	141	-.353	.047	-.201	-.554
200	142	-.386	.055	-.215	-.578
200	143	-.335	.041	-.139	-.491
200	144	-.353	.046	-.194	-.520
200	145	-.423	.063	-.228	-.801
200	150	-.470	.091	-.214	-1.204
200	151	-.445	.069	-.235	-.933
200	200	-.500	.155	.012	-1.656
200	201	-.511	.153	-.025	-1.442
200	202	-.528	.156	-.020	-1.547
200	203	-.519	.137	-.142	-1.324
200	204	-.511	.098	-.144	-1.271
200	205	-.519	.093	-.247	-1.190
200	206	-.502	.118	-.185	-1.190
200	207	-.917	.280	-.188	-2.087
200	208	-.135	.183	.502	-1.042
200	209	.058	.229	.894	-.647
200	210	.023	.195	.943	-.787
200	211	-.124	.164	.522	-.669
200	212	-.078	.146	.398	-.740
200	213	-.061	.182	.447	-.929
200	214	.007	.168	.565	-.490
200	215	.008	.174	.710	-.486
200	216	-.028	.161	.688	-.570
200	217	.007	.181	.659	-.510
200	218	-.028	.167	.663	-.539
200	219	.092	.204	.725	-.775
200	220	-.511	.123	-.233	-1.156
200	221	-.504	.103	-.222	-.994
200	222	-.496	.098	-.234	-1.050
200	223	-.486	.089	-.213	-1.044
200	224	-.475	.089	-.189	-1.009
200	225	-.501	.074	-.217	-.929
200	226	-.524	.137	-.048	-1.303
200	227	-.807	.229	-.238	-1.983
200	228	-.317	.147	.287	-.931
200	229	-.031	.155	.569	-.758
200	230	.041	.126	.506	-.273
200	231	.119	.169	.794	-.299
200	232	.147	.171	.871	-.245
200	233	.152	.176	.956	-.249
200	234	.151	.179	.906	-.254
200	235	.108	.177	.910	-.330
200	236	.116	.171	.898	-.270
200	237	.040	.143	.764	-.327
200	238	-.541	.132	-.276	-1.713
200	239	-.536	.111	-.244	-1.190
200	240	-.515	.112	-.221	-1.186
200	241	-.507	.115	-.204	-1.225

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	242	-.497	.109	-.190	-1.279
200	243	-.536	.082	-.253	-.963
200	244	-.537	.121	-.223	-1.072
200	245	-.633	.178	-.243	-1.526
200	246	-.402	.115	.156	-.833
200	247	-.194	.084	.206	-.477
200	248	-.178	.084	.322	-.550
200	249	-.128	.077	.326	-.427
200	250	-.112	.073	.290	-.418
200	251	-.085	.072	.283	-.453
200	252	-.079	.073	.230	-.396
200	253	-.065	.081	.287	-.577
200	254	-.022	.081	.333	-.324
200	255	-.029	.081	.424	-.324
200	256	-.542	.107	-.216	-1.347
200	257	-.546	.100	-.259	-1.183
200	258	-.540	.105	-.231	-1.274
200	259	-.542	.109	-.233	-1.253
200	260	-.538	.105	-.211	-1.263
200	261	-.619	.101	-.149	-1.155
200	262	-.570	.119	-.193	-1.238
200	263	-.639	.145	-.160	-1.271
200	264	-.409	.112	.026	-.895
200	265	-.205	.086	.185	-.546
200	266	-.196	.088	.194	-.543
200	267	-.154	.082	.333	-.663
200	268	-.116	.082	.274	-.401
200	269	-.129	.078	.324	-.419
200	270	-.138	.080	.284	-.425
200	271	-.133	.086	.218	-.525
200	272	-.051	.086	.332	-.417
200	273	-.072	.082	.264	-.362
200	274	-.480	.081	-.209	-.918
200	275	-.479	.086	-.177	-.962
200	276	-.527	.092	-.168	-.966
200	277	-.557	.105	-.237	-1.328
200	278	-.587	.101	-.244	-1.150
200	279	-.671	.105	-.366	-1.320
200	280	-.508	.101	-.207	-1.169
200	281	-.536	.156	-.182	-1.341
200	282	-.352	.133	.086	-.856
200	283	-.203	.075	.107	-.531
200	284	-.182	.072	.100	-.469
200	285	-.162	.065	.186	-.447
200	286	-.156	.067	.115	-.484
200	287	-.164	.073	.192	-.503
200	288	-.154	.074	.174	-.547
200	289	-.145	.068	.088	-.475
200	290	-.157	.081	.122	-.491
200	291	-.163	.082	.102	-.545

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	292	-.173	.081	.103	-.525
200	293	-.100	.090	.254	-.435
200	294	-.190	.100	.304	-.645
200	295	-.127	.056	.135	-.368
200	296	-.121	.057	.161	-.398
200	297	-.108	.064	.124	-.356
200	298	-.341	.045	-.093	-.525
200	299	-.306	.044	-.048	-.562
200	300	-.298	.058	-.000	-.538
200	301	-.387	.096	-.101	-.847
200	302	-.415	.086	-.115	-.724
200	303	-.436	.086	-.173	-.880
200	304	-.294	.061	-.100	-.545
200	305	-.373	.097	-.091	-.854
200	306	-.261	.059	-.046	-.557
200	307	-.164	.049	.061	-.373
200	308	-.139	.052	.142	-.309
200	309	-.133	.046	.120	-.304
200	310	-.150	.047	.092	-.344
200	311	-.154	.044	.036	-.334
200	312	-.250	.057	-.027	-.543
200	313	-.224	.048	-.036	-.431
200	314	-.297	.054	-.109	-.500
200	315	-.140	.042	.051	-.270
200	316	-.142	.041	.040	-.272
200	320	-.500	.084	-.227	-1.157
200	321	-.492	.144	-.156	-1.354
200	322	-.882	.264	-.125	-2.292
200	323	-.238	.222	.724	-1.440
200	400	.154	.220	.867	-.578
200	401	.111	.217	.909	-.538
200	402	-.026	.183	.623	-.553
200	403	-.096	.169	.731	-.565
200	404	-.098	.165	.675	-.619
200	405	.028	.215	.745	-.584
200	406	.058	.262	.948	-.943
200	407	-.111	.216	.607	-.632
200	408	-.616	.277	.280	-1.819
200	409	-.313	.185	.219	-1.341
200	410	-.287	.110	.157	-.818
200	411	-.318	.097	.035	-.718
200	412	-.365	.091	.014	-.722
200	413	-.408	.088	-.068	-.758
200	414	.066	.212	.775	-.921
200	415	.110	.188	.779	-.545
200	416	.103	.193	.802	-.452
200	417	.092	.188	.894	-.340
200	418	.100	.186	1.074	-.355
200	419	.089	.194	.922	-.438
200	420	.020	.203	.846	-.553

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	421	.041	.186	.972	-.641
200	422	.082	.173	.792	-.608
200	423	.094	.171	.906	-.340
200	424	.118	.171	.809	-.240
200	425	.129	.166	.867	-.221
200	426	.116	.162	.830	-.238
200	427	.119	.159	.822	-.244
200	428	.095	.148	.865	-.245
200	429	-.026	.139	.639	-.466
200	430	-.212	.222	.498	-1.355
200	431	-.311	.134	.377	-.785
200	432	-.644	.237	.310	-1.508
200	433	-.516	.237	.241	-1.436
200	434	-.317	.134	.246	-.995
200	435	-.384	.082	.021	-.818
200	436	-.450	.076	-.123	-.739
200	437	-.495	.075	-.265	-.855
200	438	-.088	.144	.637	-.488
200	439	-.135	.105	.396	-.493
200	440	-.072	.108	.433	-.377
200	441	-.022	.110	.433	-.340
200	442	-.010	.102	.441	-.307
200	443	.007	.100	.528	-.338
200	444	.005	.087	.456	-.247
200	445	.030	.088	.462	-.201
200	446	.027	.091	.474	-.281
200	447	-.028	.118	.425	-.459
200	448	-.113	.181	.478	-.857
200	449	-.155	.174	.658	-.634
200	450	-.417	.248	.364	-1.317
200	451	-.304	.179	.490	-1.239
200	452	-.312	.110	.106	-.828
200	453	-.361	.097	.092	-.714
200	454	-.473	.089	-.094	-.811
200	455	-.564	.086	-.235	-.916
200	456	-.101	.140	.560	-.520
200	457	-.123	.110	.382	-.447
200	458	-.101	.103	.341	-.441
200	459	-.081	.093	.346	-.383
200	460	-.072	.088	.409	-.492
200	461	-.050	.080	.408	-.376
200	462	-.065	.080	.367	-.429
200	463	-.049	.079	.322	-.338
200	464	.002	.105	.578	-.332
200	465	-.048	.117	.349	-.736
200	466	.058	.158	.778	-.782
200	467	.000	.167	.643	-.549
200	468	-.170	.204	.615	-1.066
200	469	-.140	.156	.443	-.885
200	470	-.164	.125	.360	-.590

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	471	-.284	.100	-.174	-.629
200	472	-.425	.098	-.057	-.787
200	473	-.591	.108	-.243	-1.076
200	474	-.130	.101	.361	-.525
200	475	-.155	.087	.299	-.481
200	476	-.148	.079	.277	-.541
200	477	-.141	.074	.258	-.400
200	478	-.127	.062	.188	-.374
200	479	-.134	.057	.194	-.369
200	480	-.137	.060	.176	-.455
200	481	-.134	.062	.171	-.520
200	482	-.121	.065	.168	-.439
200	483	-.225	.079	.089	-.632
200	484	-.292	.112	.184	-.905
200	485	-.319	.080	.101	-.681
200	486	-.415	.078	-.164	-.788
200	487	-.366	.061	-.145	-.632
200	488	-.352	.051	-.153	-.679
200	489	-.363	.042	-.226	-.551
200	490	-.392	.048	-.211	-.609
200	491	-.462	.064	-.291	-.800
200	492	-.150	.056	.142	-.377
200	493	-.149	.051	.066	-.316
200	494	-.120	.058	.154	-.291
200	495	-.231	.094	.277	-.503
200	496	-.231	.092	.145	-.505
200	497	-.274	.096	.132	-.615
200	498	-.246	.085	.039	-.506
200	499	-.207	.078	.113	-.486
200	500	-.220	.068	.062	-.437
200	501	-.260	.055	-.030	-.436
200	502	-.369	.047	-.217	-.551
200	510	.124	.229	.878	-.484
200	511	-.062	.274	1.023	-1.173
200	512	-.089	.237	.810	-.796
200	513	-.461	.267	.359	-1.624
200	600	-.546	.136	-.246	-1.553
200	601	-.548	.121	-.239	-1.281
200	602	-.577	.129	-.190	-1.286
200	603	-.565	.122	-.170	-1.165
200	604	-.584	.168	.023	-1.448
200	605	-.595	.203	-.032	-1.696
200	606	-.589	.204	-.072	-1.859
200	607	-.561	.104	-.319	-1.287
200	608	-.576	.115	-.325	-1.362
200	609	-.595	.130	-.225	-1.363
200	610	-.610	.134	-.099	-1.482
200	611	-.566	.112	-.154	-1.204
200	612	-.569	.118	-.105	-1.153
200	613	-.576	.144	-.162	-1.354
200	614	-.739	.144	-.402	-1.452
200	615	-.735	.153	-.350	-1.488
200	616	-.698	.141	.035	-1.422
200	617	-.647	.119	-.221	-1.413
200	618	-.567	.116	.115	-1.062
200	619	-.528	.107	.023	-1.071
200	620	-.511	.114	-.021	-1.123
200	621	-.885	.205	-.463	-2.281
200	622	-.848	.191	-.349	-1.682
200	623	-.704	.174	-.035	-1.634
200	624	-.532	.142	-.106	-1.137
200	625	-.485	.119	-.092	-.929
200	626	-.421	.087	-.160	-.881
200	627	-.420	.078	-.104	-.829
200	628	-.585	.121	-.243	-1.264
200	629	-.559	.133	-.137	-1.280
200	630	-.400	.108	-.113	-1.088
200	631	-.331	.069	-.097	-.696
200	632	-.311	.055	-.072	-.596
200	633	-.289	.048	-.099	-.509
200	634	-.287	.048	-.109	-.540
200	635	-.408	.100	-.101	-.890
200	636	-.315	.051	-.151	-.593
200	637	-.327	.043	-.194	-.525
200	638	-.467	.074	-.245	-.758
200	639	-.379	.054	-.153	-.581
200	640	-.438	.054	-.261	-.664
200	641	-.290	.034	-.167	-.430
200	642	-.287	.033	-.187	-.405
200	643	-.299	.032	-.192	-.412
200	644	-.308	.033	-.191	-.447
200	645	-.281	.033	-.153	-.396
200	646	-.276	.032	-.161	-.412
200	647	-.262	.031	-.146	-.395
200	648	-.257	.030	-.127	-.370
200	650	-.550	.124	-.191	-1.223
200	651	-.569	.154	-.170	-1.210
200	900	-.409	.099	-.054	-.806
200	901	-.334	.120	.007	-.871
200	902	-.142	.106	.343	-.417
200	903	-.221	.090	.168	-.477
200	904	-.316	.136	.283	-.874
200	905	-.530	.140	-.139	-1.191
200	906	-.382	.085	-.072	-.903
200	907	-.602	.186	-.033	-1.303
200	908	-.513	.141	.022	-1.386
200	909	-.864	.266	-.035	-2.035
200	910	-.864	.187	-.127	-1.749
200	911	-.188	.129	.434	-.562
200	912	-.645	.127	-.262	-1.204
200	913	-.302	.057	-.063	-.713
200	914	-.037	.204	.710	-.794
200	915	-.036	.189	.661	-.655
200	916	-.352	.103	-.071	-.848
200	917	-.573	.140	-.121	-1.238
200	918	-.735	.177	-.296	-1.532
200	919	-.412	.093	-.094	-.752
200	920	-.808	.206	-.241	-1.674
210	100	-.475	.108	-.161	-1.351
210	101	-.488	.079	-.249	-1.001
210	102	-.486	.077	-.216	-.889
210	103	-.502	.090	-.177	-1.039
210	104	-.507	.113	-.092	-1.202
210	105	-.483	.123	-.004	-1.047
210	106	-.502	.131	-.055	-1.077
210	107	-.528	.080	-.215	-.938
210	108	-.498	.067	-.246	-.824
210	109	-.481	.057	-.298	-.877
210	110	-.494	.066	-.280	-1.020
210	111	-.498	.082	-.244	-1.063
210	112	-.522	.101	-.207	-1.129
210	113	-.546	.125	-.199	-1.322
210	114	-.641	.100	-.310	-1.301
210	115	-.567	.097	-.260	-1.274
210	116	-.535	.082	-.263	-.953
210	117	-.533	.084	-.188	-1.139
210	118	-.535	.092	-.216	-1.070
210	119	-.576	.113	-.194	-1.107
210	120	-.592	.129	-.169	-1.178
210	121	-.496	.141	-.104	-1.476
210	122	-.455	.086	-.157	-1.132
210	123	-.484	.072	-.191	-.796
210	124	-.542	.093	-.172	-1.089
210	125	-.593	.111	-.260	-1.430
210	126	-.617	.116	-.284	-1.247
210	127	-.640	.119	-.305	-1.435
210	128	-.307	.051	-.052	-.609
210	129	-.305	.049	-.050	-.560
210	130	-.319	.057	-.082	-.735
210	131	-.368	.078	-.006	-.738
210	132	-.500	.136	-.174	-1.037
210	133	-.585	.115	-.258	-1.370
210	134	-.601	.107	-.210	-1.199
210	135	-.277	.032	-.145	-.437
210	136	-.280	.030	-.142	-.371
210	137	-.279	.030	-.136	-.395
210	138	-.296	.030	-.150	-.410
210	139	-.335	.033	-.189	-.472
210	140	-.321	.038	-.179	-.500
210	141	-.336	.043	-.174	-.522

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	142	-.355	.046	-.229	-.540
210	143	-.335	.047	-.190	-.536
210	144	-.349	.056	-.184	-.578
210	145	-.472	.083	-.201	-.879
210	150	-.504	.086	-.229	-1.070
210	151	-.490	.067	-.225	-.865
210	200	-.531	.166	-.002	-1.596
210	201	-.548	.163	.019	-1.305
210	202	-.574	.170	-.027	-1.738
210	203	-.588	.163	-.148	-1.872
210	204	-.577	.114	-.241	-1.280
210	205	-.573	.100	-.278	-1.080
210	206	-.467	.118	-.128	-1.016
210	207	-.933	.277	-.037	-2.231
210	208	-.057	.186	.556	-1.376
210	209	.198	.197	.715	-.594
210	210	.115	.182	.726	-.613
210	211	-.049	.147	.386	-.807
210	212	.013	.126	.443	-.447
210	213	.105	.150	.573	-.555
210	214	.088	.158	.728	-.387
210	215	.127	.145	.575	-.384
210	216	.081	.150	.563	-.457
210	217	.083	.173	.730	-.565
210	218	.076	.147	.673	-.481
210	219	.238	.176	.852	-.389
210	220	-.584	.171	-.083	-1.587
210	221	-.575	.138	-.049	-1.329
210	222	-.564	.137	-.080	-1.369
210	223	-.567	.127	-.224	-1.333
210	224	-.555	.120	-.191	-1.229
210	225	-.573	.101	-.268	-1.329
210	226	-.608	.180	-.139	-1.509
210	227	-.954	.287	-.150	-2.101
210	228	-.316	.171	.458	-1.110
210	229	.035	.167	.742	-.519
210	230	.148	.116	.537	-.145
210	231	.233	.156	.800	-.155
210	232	.278	.158	.829	-.127
210	233	.307	.165	.936	-.140
210	234	.320	.170	.962	-.141
210	235	.301	.178	.932	-.112
210	236	.309	.182	.954	-.100
210	237	.261	.205	.944	-.283
210	238	-.625	.174	-.097	-1.677
210	239	-.611	.145	-.107	-1.412
210	240	-.628	.140	-.284	-1.591
210	241	-.619	.129	-.272	-1.266
210	242	-.616	.123	-.285	-1.243
210	243	-.664	.107	-.350	-1.350
210	244	-.603	.148	-.265	-1.314
210	245	-.839	.194	-.306	-1.620
210	246	-.389	.135	.226	-.916
210	247	-.051	.083	.317	-.433
210	248	-.003	.082	.316	-.251
210	249	.061	.081	.390	-.204
210	250	.064	.082	.412	-.185
210	251	.087	.093	.476	-.222
210	252	.097	.102	.549	-.207
210	253	.093	.116	.637	-.253
210	254	.080	.125	.594	-.256
210	255	.076	.128	.708	-.349
210	256	-.637	.113	-.265	-1.400
210	257	-.642	.114	-.230	-1.211
210	258	-.670	.117	-.219	-1.494
210	259	-.726	.111	-.302	-1.272
210	260	-.763	.115	-.342	-1.352
210	261	-.893	.142	-.428	-1.833
210	262	-.596	.110	-.232	-1.384
210	263	-.693	.200	-.039	-1.586
210	264	-.243	.149	.310	-.887
210	265	-.013	.103	.370	-.558
210	266	.012	.101	.438	-.308
210	267	.030	.091	.421	-.233
210	268	.022	.090	.476	-.254
210	269	-.007	.081	.360	-.243
210	270	-.017	.081	.345	-.261
210	271	-.041	.074	.354	-.376
210	272	-.097	.082	.288	-.382
210	273	-.066	.090	.317	-.563
210	274	-.517	.070	-.244	-.829
210	275	-.466	.077	-.175	-.820
210	276	-.487	.085	-.239	-.869
210	277	-.655	.141	-.200	-1.241
210	278	-.779	.135	-.343	-1.387
210	279	-.925	.159	-.519	-1.731
210	280	-.490	.079	-.218	-.927
210	281	-.407	.102	-.007	-.881
210	282	-.168	.125	.278	-.799
210	283	-.098	.097	.270	-.448
210	284	-.086	.094	.370	-.337
210	285	-.134	.091	.300	-.406
210	286	-.107	.075	.334	-.383
210	287	-.112	.064	.220	-.319
210	288	-.100	.059	.281	-.270
210	289	-.108	.057	.255	-.286
210	290	-.100	.052	.120	-.287
210	291	-.114	.059	.133	-.348
210	292	-.126	.063	.194	-.400
210	293	.006	.095	.587	-.273
210	294	-.121	.079	.197	-.378
210	295	-.035	.072	.298	-.235
210	296	-.073	.058	.189	-.318
210	297	-.043	.068	.288	-.340
210	298	-.367	.039	-.205	-.556
210	299	-.301	.036	-.162	-.427
210	300	-.265	.044	-.097	-.439
210	301	-.281	.061	-.034	-.531
210	302	-.327	.085	-.024	-.764
210	303	-.376	.103	-.128	-.854
210	304	-.254	.068	.026	-.552
210	305	-.296	.081	-.030	-.713
210	306	-.239	.057	.001	-.557
210	307	-.149	.054	.079	-.331
210	308	-.139	.062	.146	-.322
210	309	-.146	.053	.079	-.335
210	310	-.167	.052	.051	-.472
210	311	-.146	.051	.058	-.333
210	312	-.323	.064	-.092	-.643
210	313	-.267	.061	-.037	-.522
210	314	-.257	.062	-.045	-.512
210	315	-.100	.056	.155	-.257
210	316	-.104	.055	.176	-.259
210	320	-.557	.096	-.290	-1.269
210	321	-.531	.157	-.081	-1.539
210	322	-.954	.265	-.082	-2.001
210	323	-.141	.214	.606	-1.315
210	400	.267	.189	.809	-.435
210	401	.219	.183	.768	-.485
210	402	.091	.157	.666	-.499
210	403	.031	.145	.495	-.540
210	404	.018	.145	.513	-.515
210	405	.252	.223	1.046	-.579
210	406	-.045	.219	.642	-1.123
210	407	-.234	.141	.323	-.741
210	408	-1.061	.247	-.040	-2.262
210	409	-.685	.314	.039	-1.698
210	410	-.335	.070	-.140	-.794
210	411	-.359	.051	-.128	-.602
210	412	-.405	.063	-.144	-.757
210	413	-.442	.074	-.181	-.789
210	414	.227	.218	.843	-.694
210	415	.289	.193	.947	-.336
210	416	.335	.187	.978	-.250
210	417	.328	.180	.943	-.271
210	418	.362	.184	.931	-.274
210	419	.352	.187	1.064	-.322
210	420	.161	.233	1.139	-.618
210	421	.183	.214	1.195	-.393
210	422	.233	.177	.857	-.286

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	423	.252	.178	.892	-.223
210	424	.342	.186	1.087	-.163
210	425	.364	.187	1.063	-.120
210	426	.379	.192	1.003	-.162
210	427	.390	.195	1.050	-.142
210	428	.386	.191	1.061	-.095
210	429	.154	.206	.821	-.491
210	430	-.439	.302	.335	-1.858
210	431	-.429	.131	.093	-1.029
210	432	-.986	.216	-.161	-1.986
210	433	-.910	.235	-.110	-1.798
210	434	-.611	.217	-.050	-1.456
210	435	-.427	.097	-.147	-1.032
210	436	-.468	.072	-.241	-.958
210	437	-.307	.072	-.291	-.999
210	438	.042	.150	.831	-.411
210	439	-.036	.095	.458	-.339
210	440	.020	.095	.554	-.255
210	441	.087	.105	.596	-.178
210	442	.116	.104	.641	-.190
210	443	.145	.114	.798	-.173
210	444	.138	.113	.691	-.123
210	445	.153	.121	.704	-.124
210	446	.127	.132	.694	-.262
210	447	-.014	.181	.676	-.701
210	448	-.469	.248	.281	-1.578
210	449	-.390	.128	.127	-.943
210	450	-.967	.253	-.080	-2.040
210	451	-.693	.223	-.046	-1.732
210	452	-.478	.128	-.019	-1.241
210	453	-.429	.074	-.127	-.855
210	454	-.495	.064	-.234	-.833
210	455	-.556	.069	-.307	-.888
210	456	-.000	.131	.507	-.392
210	457	-.022	.106	.521	-.447
210	458	.005	.098	.440	-.289
210	459	.018	.089	.405	-.259
210	460	.009	.082	.309	-.241
210	461	-.017	.075	.340	-.225
210	462	-.013	.073	.368	-.253
210	463	-.020	.071	.297	-.279
210	464	-.066	.070	.228	-.320
210	465	-.141	.128	.289	-.789
210	466	-.378	.248	.281	-1.528
210	467	-.305	.143	.265	-.915
210	468	-.711	.187	-.122	-1.529
210	469	-.555	.188	.091	-1.251
210	470	-.420	.141	.046	-1.121
210	471	-.364	.077	-.039	-.649
210	472	-.453	.079	-.179	-.712

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	473	-.567	.090	-.247	-.941
210	474	-.101	.118	.350	-.833
210	475	-.110	.111	.326	-.495
210	476	-.120	.100	.315	-.379
210	477	-.131	.084	.311	-.415
210	478	-.133	.062	.194	-.366
210	479	-.137	.053	.122	-.380
210	480	-.129	.047	.077	-.358
210	481	-.121	.045	.174	-.285
210	482	-.108	.045	.059	-.288
210	483	-.261	.071	-.073	-.652
210	484	-.478	.159	.005	-1.073
210	485	-.346	.078	-.060	-.922
210	486	-.399	.073	-.141	-.748
210	487	-.369	.073	-.121	-.805
210	488	-.330	.059	-.138	-.749
210	489	-.337	.042	-.162	-.554
210	490	-.370	.043	-.210	-.542
210	491	-.438	.055	-.253	-.685
210	492	-.119	.063	.173	-.348
210	493	-.119	.061	.167	-.314
210	494	-.089	.069	.197	-.353
210	495	-.226	.086	.118	-.533
210	496	-.235	.091	.119	-.579
210	497	-.268	.105	.089	-.647
210	498	-.230	.084	.096	-.516
210	499	-.197	.070	.110	-.640
210	500	-.224	.055	.011	-.457
210	501	-.256	.047	-.020	-.425
210	502	-.359	.042	-.185	-.519
210	510	-.337	.238	1.074	-.388
210	511	-.074	.273	.725	-1.479
210	512	-.330	.160	.210	-1.086
210	513	-.989	.270	.031	-2.077
210	600	-.539	.106	-.311	-1.105
210	601	-.544	.105	-.251	-1.172
210	602	-.570	.116	-.305	-1.087
210	603	-.562	.132	-.239	-1.342
210	604	-.621	.186	-.155	-1.941
210	605	-.570	.173	-.128	-1.518
210	606	-.544	.156	-.055	-1.536
210	607	-.558	.078	-.342	-1.125
210	608	-.566	.084	-.330	-1.117
210	609	-.557	.084	-.296	-.969
210	610	-.576	.086	-.314	-1.037
210	611	-.568	.082	-.287	-.936
210	612	-.582	.091	-.313	-1.086
210	613	-.601	.118	-.239	-1.176
210	614	-.640	.093	-.403	-1.060
210	615	-.636	.097	-.397	-1.147

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	616	-.643	.099	-.366	-1.187
210	617	-.647	.092	-.366	-1.093
210	618	-.610	.104	-.293	-1.209
210	619	-.585	.100	-.243	-1.033
210	620	-.576	.102	-.275	-1.075
210	621	-.758	.141	-.419	-1.553
210	622	-.746	.150	-.366	-1.723
210	623	-.625	.152	-.152	-1.388
210	624	-.489	.127	-.150	-.977
210	625	-.496	.110	-.124	-.965
210	626	-.410	.078	-.167	-.756
210	627	-.424	.088	-.112	-.731
210	628	-.527	.106	-.300	-1.052
210	629	-.513	.116	-.220	-1.137
210	630	-.386	.076	-.181	-.886
210	631	-.327	.049	-.164	-.578
210	632	-.313	.041	-.164	-.487
210	633	-.296	.039	-.165	-.476
210	634	-.302	.045	-.110	-.556
210	635	-.429	.089	-.171	-.857
210	636	-.305	.040	-.175	-.486
210	637	-.326	.038	-.195	-.462
210	638	-.424	.056	-.274	-.701
210	639	-.358	.044	-.226	-.542
210	640	-.411	.054	-.208	-.628
210	641	-.296	.037	-.156	-.454
210	642	-.294	.034	-.169	-.444
210	643	-.304	.034	-.180	-.449
210	644	-.310	.033	-.172	-.441
210	645	-.293	.035	-.122	-.445
210	646	-.293	.036	-.157	-.432
210	647	-.282	.035	-.111	-.399
210	648	-.277	.032	-.144	-.401
210	650	-.583	.122	-.211	-1.307
210	651	-.638	.148	-.223	-1.566
210	900	-.564	.131	-.093	-1.358
210	901	-.305	.082	-.002	-.682
210	902	-.245	.071	.110	-.532
210	903	-.151	.102	.232	-.465
210	904	-.487	.125	.017	-1.174
210	905	-.657	.141	-.217	-1.441
210	906	-.500	.147	-.094	-1.432
210	907	-.515	.162	-.074	-1.183
210	908	-.643	.177	.107	-1.614
210	909	-1.051	.213	-.501	-2.016
210	910	-1.124	.228	-.232	-1.981
210	911	-.217	.130	.373	-.672
210	912	-.720	.145	-.376	-1.508
210	913	-.323	.060	-.030	-.517
210	914	.122	.186	.784	-.531

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	915	.123	.169	.707	-.417
210	916	-.310	.060	.019	-.644
210	917	-.681	.147	-.245	-1.390
210	918	-.816	.200	-.375	-1.535
210	919	-.316	.091	-.048	-.853
210	920	-.870	.243	-.369	-1.996
220	100	-.486	.094	-.198	-1.703
220	101	-.501	.087	-.237	-1.236
220	102	-.491	.088	-.102	-.960
220	103	-.482	.107	-.081	-1.088
220	104	-.475	.131	-.082	-1.377
220	105	-.456	.130	-.038	-1.195
220	106	-.474	.133	.023	-1.140
220	107	-.499	.072	-.272	-.880
220	108	-.487	.062	-.316	-.878
220	109	-.490	.066	-.240	-1.060
220	110	-.510	.080	-.217	-1.084
220	111	-.516	.096	-.109	-1.295
220	112	-.536	.115	-.071	-1.435
220	113	-.562	.134	-.141	-1.362
220	114	-.623	.098	-.259	-1.181
220	115	-.540	.082	-.219	-.996
220	116	-.537	.082	-.260	-.992
220	117	-.567	.097	-.136	-1.122
220	118	-.584	.109	-.169	-1.099
220	119	-.615	.130	-.090	-1.458
220	120	-.627	.140	-.074	-1.344
220	121	-.441	.084	-.171	-.937
220	122	-.426	.066	-.175	-.801
220	123	-.467	.076	-.202	-.864
220	124	-.548	.101	-.158	-1.060
220	125	-.624	.121	-.216	-1.246
220	126	-.653	.127	-.278	-1.511
220	127	-.675	.127	-.277	-1.353
220	128	-.298	.049	-.096	-.573
220	129	-.295	.047	-.079	-.540
220	130	-.307	.056	-.082	-.635
220	131	-.342	.077	-.104	-.934
220	132	-.476	.154	-.099	-1.140
220	133	-.614	.140	-.244	-1.297
220	134	-.623	.126	-.291	-1.225
220	135	-.250	.035	-.130	-.398
220	136	-.251	.032	-.145	-.349
220	137	-.253	.032	-.135	-.358
220	138	-.266	.033	-.143	-.384
220	139	-.316	.036	-.174	-.461
220	140	-.287	.040	-.142	-.466
220	141	-.306	.044	-.135	-.526
220	142	-.326	.047	-.146	-.555
220	143	-.303	.047	-.127	-.528

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	144	-.310	.062	-.039	-.593
220	145	-.411	.090	-.118	-.800
220	150	-.500	.082	-.265	-1.041
220	151	-.493	.074	-.217	-.814
220	200	-.488	.143	.035	-1.275
220	201	-.532	.152	-.025	-1.440
220	202	-.597	.157	-.010	-1.392
220	203	-.653	.158	-.211	-1.388
220	204	-.646	.146	-.255	-1.494
220	205	-.676	.177	-.299	-1.808
220	206	-.408	.115	-.054	-.928
220	207	-.623	.256	.063	-1.782
220	208	.121	.188	.677	-.701
220	209	.185	.191	.750	-.513
220	210	.076	.168	.646	-.538
220	211	.022	.144	.481	-.536
220	212	.095	.154	.584	-.487
220	213	.207	.176	.756	-.522
220	214	.168	.170	.807	-.582
220	215	.179	.171	.727	-.433
220	216	.137	.173	.743	-.537
220	217	.172	.170	.777	-.476
220	218	.117	.167	.698	-.528
220	219	.274	.215	.920	-.524
220	220	-.598	.176	.032	-1.515
220	221	-.593	.148	.058	-1.297
220	222	-.605	.156	-.059	-1.458
220	223	-.590	.137	-.234	-1.495
220	224	-.556	.134	-.288	-1.574
220	225	-.649	.137	-.338	-1.298
220	226	-.440	.136	-.060	-1.114
220	227	-.752	.275	.143	-2.473
220	228	.123	.218	.631	-.931
220	229	.187	.207	.799	-.527
220	230	.246	.157	.658	-.135
220	231	.298	.200	.910	-.130
220	232	.321	.196	.915	-.110
220	233	.319	.195	1.010	-.110
220	234	.317	.194	1.020	-.108
220	235	.322	.197	1.058	-.202
220	236	.302	.194	.937	-.174
220	237	.233	.215	1.029	-.460
220	238	-.685	.182	-.144	-1.746
220	239	-.682	.159	-.074	-1.534
220	240	-.710	.153	-.115	-1.499
220	241	-.725	.148	-.117	-1.579
220	242	-.722	.154	-.299	-1.707
220	243	-.808	.178	-.394	-1.737
220	244	-.503	.138	-.066	-1.129
220	245	-.845	.240	.058	-2.037

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	246	-.265	.191	.647	-1.040
220	247	.069	.132	.725	-.556
220	248	.114	.124	.613	-.277
220	249	.152	.115	.759	-.245
220	250	.145	.110	.693	-.230
220	251	.147	.109	.708	-.192
220	252	.135	.112	.807	-.152
220	253	.093	.114	.829	-.345
220	254	.029	.107	.497	-.289
220	255	.073	.147	.807	-.322
220	256	-.683	.113	-.295	-1.218
220	257	-.693	.110	-.246	-1.180
220	258	-.729	.110	-.306	-1.295
220	259	-.781	.105	-.456	-1.304
220	260	-.813	.114	-.441	-1.491
220	261	-1.035	.183	-.514	-2.015
220	262	-.628	.114	-.183	-1.206
220	263	-.679	.199	.041	-1.412
220	264	-.176	.166	.471	-.907
220	265	.080	.114	.581	-.414
220	266	.113	.108	.590	-.305
220	267	.128	.103	.594	-.216
220	268	.116	.116	.648	-.186
220	269	.086	.101	.555	-.211
220	270	.066	.101	.623	-.251
220	271	.010	.105	.577	-.325
220	272	-.107	.097	.346	-.460
220	273	-.034	.134	.660	-.498
220	274	-.533	.083	-.293	-.970
220	275	-.462	.089	-.204	-.966
220	276	-.503	.118	-.217	-1.124
220	277	-.724	.179	-.115	-1.393
220	278	-.884	.156	-.302	-1.749
220	279	-1.012	.183	-.449	-1.936
220	280	-.514	.085	-.157	-.911
220	281	-.436	.106	-.046	-1.069
220	282	-.112	.120	.323	-.678
220	283	-.018	.093	.353	-.574
220	284	-.006	.093	.412	-.299
220	285	-.050	.120	.380	-.353
220	286	-.038	.085	.337	-.347
220	287	-.042	.080	.332	-.263
220	288	-.040	.075	.392	-.231
220	289	-.071	.081	.370	-.296
220	290	-.064	.060	.280	-.280
220	291	-.110	.058	.159	-.370
220	292	-.118	.082	.252	-.471
220	293	.036	.094	.526	-.315
220	294	-.126	.065	.157	-.534
220	295	.039	.086	.449	-.223

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	296	-.052	.057	.196	-.253
220	297	-.010	.065	.280	-.242
220	298	-.345	.043	-.187	-.544
220	299	-.273	.039	-.099	-.405
220	300	-.236	.047	-.032	-.430
220	301	-.240	.060	.016	-.568
220	302	-.302	.095	.005	-.747
220	303	-.357	.111	-.065	-.934
220	304	-.207	.066	.028	-.616
220	305	-.259	.077	.004	-.742
220	306	-.197	.054	.037	-.375
220	307	-.097	.076	.263	-.307
220	308	-.067	.096	.424	-.327
220	309	-.122	.060	.222	-.304
220	310	-.170	.050	.044	-.384
220	311	-.107	.055	.191	-.277
220	312	-.292	.070	-.060	-.597
220	313	-.239	.062	.004	-.534
220	314	-.215	.064	.128	-.508
220	315	-.056	.060	.218	-.243
220	316	-.056	.062	.242	-.242
220	320	-.633	.155	-.310	-1.393
220	321	-.409	.121	-.096	-1.053
220	322	-.612	.281	.126	-1.761
220	323	.118	.219	.805	-.889
220	400	.243	.163	.812	-.371
220	401	.155	.156	.701	-.423
220	402	-.016	.134	.403	-.482
220	403	.007	.124	.452	-.478
220	404	-.007	.124	.426	-.440
220	405	.211	.210	.900	-.704
220	406	-.316	.243	.484	-1.397
220	407	-.473	.129	.037	-.984
220	408	-1.386	.339	-.558	-2.705
220	409	-.931	.280	-.206	-1.882
220	410	-.474	.121	-.216	-1.108
220	411	-.446	.091	-.259	-1.084
220	412	-.454	.088	-.234	-.913
220	413	-.464	.086	-.258	-.932
220	414	.343	.224	.956	-.615
220	415	.366	.202	.939	-.303
220	416	.359	.196	1.013	-.620
220	417	.343	.188	.925	-.268
220	418	.372	.188	.886	-.180
220	419	.339	.182	.951	-.269
220	420	.319	.228	1.065	-.435
220	421	.317	.211	1.122	-.293
220	422	.362	.205	.956	-.170
220	423	.370	.206	.997	-.201
220	424	.382	.196	1.134	-.158

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	425	.389	.197	1.088	-.125
220	426	.379	.195	1.096	-.148
220	427	.365	.194	1.077	-.114
220	428	.319	.193	.902	-.175
220	429	-.017	.220	.672	-.730
220	430	-.831	.451	.423	-2.460
220	431	-.586	.147	.061	-1.178
220	432	-1.098	.214	-.430	-2.260
220	433	-1.069	.203	-.224	-1.865
220	434	-.894	.261	-.251	-1.924
220	435	-.670	.213	-.186	-1.724
220	436	-.554	.150	-.101	-1.332
220	437	-.538	.120	-.032	-1.156
220	438	.121	.183	.946	-.425
220	439	.078	.163	.777	-.368
220	440	.139	.160	.826	-.258
220	441	.171	.155	.817	-.236
220	442	.174	.141	.816	-.170
220	443	.169	.133	.769	-.164
220	444	.147	.116	.627	-.182
220	445	.141	.115	.605	-.182
220	446	.077	.117	.619	-.271
220	447	-.185	.223	.689	-.936
220	448	-.904	.432	.315	-2.503
220	449	-.553	.189	.153	-1.505
220	450	-1.119	.261	-.218	-2.422
220	451	-.909	.272	.000	-1.894
220	452	-.679	.238	-.113	-1.765
220	453	-.534	.147	-.145	-1.446
220	454	-.541	.103	-.216	-1.414
220	455	-.583	.094	-.279	-1.317
220	456	.041	.142	.786	-.419
220	457	.043	.125	.618	-.396
220	458	.061	.119	.610	-.348
220	459	.062	.112	.551	-.300
220	460	.056	.110	.724	-.229
220	461	.056	.102	.659	-.206
220	462	.011	.092	.557	-.240
220	463	-.017	.086	.573	-.337
220	464	-.086	.083	.233	-.459
220	465	-.345	.174	.243	-1.061
220	466	-.875	.333	.136	-2.208
220	467	-.575	.173	-.001	-1.382
220	468	-.857	.199	-.128	-1.787
220	469	-.781	.206	-.105	-1.526
220	470	-.595	.201	-.096	-1.388
220	471	-.473	.105	-.122	-1.099
220	472	-.521	.082	-.235	-1.009
220	473	-.603	.088	-.328	-.994
220	474	.019	.139	.606	-.362

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	475	.006	.134	.600	-.352
220	476	-.002	.136	.490	-.367
220	477	-.051	.120	.564	-.390
220	478	-.069	.100	.535	-.365
220	479	-.090	.089	.450	-.345
220	480	-.103	.070	.319	-.279
220	481	-.107	.060	.173	-.276
220	482	-.101	.055	.155	-.409
220	483	-.336	.099	-.039	-.735
220	484	-.699	.198	-.121	-1.561
220	485	-.450	.144	-.085	-1.237
220	486	-.509	.122	-.181	-1.304
220	487	-.482	.119	-.180	-1.397
220	488	-.411	.109	-.069	-.972
220	489	-.392	.075	-.106	-.820
220	490	-.414	.059	-.208	-.689
220	491	-.502	.064	-.274	-.817
220	492	-.064	.081	.268	-.308
220	493	-.070	.074	.273	-.283
220	494	-.013	.099	.395	-.254
220	495	-.320	.117	.054	-.841
220	496	-.356	.126	.087	-.946
220	497	-.453	.145	.117	-1.023
220	498	-.345	.110	.008	-.820
220	499	-.261	.081	.023	-.654
220	500	-.258	.058	-.037	-.510
220	501	-.272	.049	-.054	-.440
220	502	-.371	.045	-.204	-.541
220	510	.249	.237	.987	-.944
220	511	-.439	.335	.349	-2.170
220	512	-.592	.172	-.081	-1.298
220	513	-1.361	.343	-.471	-2.753
220	600	-.482	.096	-.218	-1.115
220	601	-.475	.086	-.226	-.986
220	602	-.503	.110	-.210	-1.147
220	603	-.591	.164	-.192	-1.507
220	604	-.501	.141	-.078	-1.480
220	605	-.493	.113	-.136	-1.291
220	606	-.507	.126	-.145	-1.324
220	607	-.539	.097	-.253	-1.008
220	608	-.533	.101	-.256	-.991
220	609	-.523	.094	-.233	-1.034
220	610	-.535	.089	-.305	-.965
220	611	-.531	.086	-.314	-1.113
220	612	-.542	.089	-.263	-1.096
220	613	-.542	.100	-.315	-1.110
220	614	-.609	.100	-.353	-1.202
220	615	-.600	.105	-.330	-1.225
220	616	-.595	.103	-.249	-1.353
220	617	-.622	.102	-.329	-1.263

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	618	-.589	.104	-.201	-1.112
220	619	-.584	.102	-.238	-1.082
220	620	-.584	.113	-.284	-1.153
220	621	-.693	.116	-.366	-1.456
220	622	-.685	.123	-.343	-1.323
220	623	-.677	.128	-.145	-1.348
220	624	-.597	.117	-.118	-1.088
220	625	-.541	.097	-.166	-1.037
220	626	-.438	.086	-.096	-.801
220	627	-.423	.085	-.132	-.899
220	628	-.611	.115	-.289	-1.128
220	629	-.582	.129	-.193	-1.155
220	630	-.382	.065	-.178	-.754
220	631	-.323	.050	-.127	-.618
220	632	-.308	.044	-.135	-.538
220	633	-.286	.040	-.123	-.500
220	634	-.278	.043	-.055	-.478
220	635	-.548	.115	-.202	-1.138
220	636	-.334	.048	-.151	-.587
220	637	-.350	.041	-.182	-.526
220	638	-.458	.060	-.235	-.704
220	639	-.397	.048	-.213	-.584
220	640	-.411	.056	-.172	-.651
220	641	-.301	.045	-.123	-.465
220	642	-.294	.040	-.136	-.447
220	643	-.312	.039	-.140	-.451
220	644	-.306	.038	-.170	-.440
220	645	-.290	.042	-.106	-.462
220	646	-.277	.045	-.062	-.449
220	647	-.270	.045	-.053	-.426
220	648	-.261	.038	-.097	-.397
220	650	-.532	.097	-.230	-1.086
220	651	-.580	.112	-.285	-1.194
220	900	-.589	.137	.016	-1.164
220	901	-.358	.127	.019	-1.105
220	902	-.269	.053	.033	-.436
220	903	-.167	.104	.276	-.543
220	904	-.549	.122	-.147	-1.039
220	905	-.650	.120	-.307	-1.331
220	906	-.636	.159	-.125	-1.531
220	907	-.532	.155	-.121	-1.137
220	908	-.514	.186	.099	-1.369
220	909	-.974	.215	-.322	-1.981
220	910	-1.112	.259	-.311	-2.248
220	911	-.343	.135	.257	-.864
220	912	-.827	.182	-.378	-1.761
220	913	-.284	.065	-.001	-.599
220	914	.153	.213	.881	-.840
220	915	.130	.192	.699	-.527
220	916	-.291	.062	-.003	-.571

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	917	-.680	.161	-.193	-1.485
220	918	-.999	.263	-.372	-2.088
220	919	-.285	.100	.095	-.831
220	920	-1.032	.274	-.235	-2.126
230	100	-.509	.115	-.155	-1.436
230	101	-.537	.123	-.095	-1.578
230	102	-.500	.125	-.144	-1.314
230	103	-.483	.141	-.094	-1.404
230	104	-.476	.152	-.046	-1.606
230	105	-.477	.134	.076	-1.417
230	106	-.484	.132	-.021	-1.246
230	107	-.525	.092	-.246	-1.027
230	108	-.511	.087	-.276	-.910
230	109	-.523	.098	-.230	-1.030
230	110	-.525	.109	-.137	-1.141
230	111	-.519	.122	-.068	-1.260
230	112	-.533	.140	.023	-1.141
230	113	-.558	.160	-.018	-1.198
230	114	-.669	.144	-.231	-1.767
230	115	-.554	.115	-.057	-1.153
230	116	-.564	.119	-.144	-1.181
230	117	-.599	.138	-.236	-1.340
230	118	-.614	.146	-.125	-1.235
230	119	-.640	.169	-.040	-1.479
230	120	-.662	.181	-.025	-1.551
230	121	-.444	.099	-.186	-1.038
230	122	-.453	.091	-.223	-.981
230	123	-.509	.110	-.149	-1.401
230	124	-.610	.134	-.213	-1.238
230	125	-.682	.157	-.257	-1.492
230	126	-.711	.166	-.207	-1.543
230	127	-.729	.166	-.298	-1.418
230	128	-.281	.050	-.071	-.504
230	129	-.280	.054	-.097	-.580
230	130	-.291	.063	-.057	-.618
230	131	-.348	.084	-.113	-.783
230	132	-.496	.154	-.086	-1.319
230	133	-.622	.137	-.215	-1.428
230	134	-.637	.136	-.304	-1.252
230	135	-.233	.030	-.123	-.363
230	136	-.236	.031	-.098	-.349
230	137	-.239	.033	-.082	-.348
230	138	-.254	.033	-.141	-.378
230	139	-.308	.038	-.177	-.476
230	140	-.280	.042	-.115	-.492
230	141	-.316	.049	-.146	-.530
230	142	-.345	.055	-.152	-.585
230	143	-.310	.052	-.158	-.543
230	144	-.316	.071	-.089	-.628
230	145	-.462	.125	-.023	-1.188

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	150	-.526	.114	-.172	-1.230
230	151	-.513	.108	-.191	-1.181
230	200	-.473	.116	-.070	-1.192
230	201	-.488	.112	-.006	-1.023
230	202	-.532	.119	-.099	-1.165
230	203	-.711	.147	-.246	-1.365
230	204	-.922	.230	-.330	-1.817
230	205	-1.050	.355	-.315	-2.780
230	206	-.457	.137	-.070	-1.017
230	207	-.424	.230	.219	-1.459
230	208	.223	.159	.760	-.360
230	209	.198	.148	.638	-.296
230	210	.154	.133	.638	-.351
230	211	.050	.120	.379	-.345
230	212	.184	.141	.625	-.255
230	213	.285	.149	.785	-.225
230	214	.203	.131	.604	-.220
230	215	.214	.138	.660	-.384
230	216	.173	.143	.633	-.550
230	217	.197	.133	.647	-.249
230	218	.134	.138	.616	-.437
230	219	.306	.171	.750	-.432
230	220	-.637	.196	.005	-1.717
230	221	-.660	.179	.004	-1.538
230	222	-.738	.203	-.092	-1.705
230	223	-.787	.224	-.291	-1.676
230	224	-.755	.240	-.265	-1.919
230	225	-.940	.249	-.373	-1.771
230	226	-.453	.159	-.037	-1.239
230	227	-.757	.274	.157	-1.666
230	228	.071	.175	.745	-.637
230	229	.404	.146	.884	-.075
230	230	.448	.118	.794	.130
230	231	.465	.155	1.074	.013
230	232	.481	.155	1.068	.038
230	233	.476	.157	1.017	.009
230	234	.469	.158	1.001	-.018
230	235	.406	.154	.909	-.052
230	236	.341	.147	.916	-.092
230	237	.383	.180	.971	-.149
230	238	-.766	.214	-.067	-1.681
230	239	-.749	.184	-.028	-1.540
230	240	-.814	.185	-.143	-1.722
230	241	-.822	.175	-.360	-1.674
230	242	-.802	.172	-.364	-1.581
230	243	-.902	.212	-.457	-2.059
230	244	-.401	.123	-.074	-1.032
230	245	-.826	.246	-.018	-1.871
230	246	-.056	.165	.568	-.703
230	247	.314	.143	.903	-.170

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	248	.342	.148	.896	-.110
230	249	.372	.149	.958	-.055
230	250	.353	.146	.897	-.054
230	251	.340	.148	.869	-.059
230	252	.326	.141	.903	-.107
230	253	.247	.141	.865	-.294
230	254	.092	.115	.522	-.381
230	255	.230	.179	1.015	-.302
230	256	-.777	.153	-.292	-1.535
230	257	-.794	.165	-.255	-1.389
230	258	-.829	.157	-.274	-1.425
230	259	-.862	.146	-.427	-1.530
230	260	-.895	.155	-.481	-1.617
230	261	-1.091	.190	-.585	-1.966
230	262	-.676	.116	-.305	-1.130
230	263	-.767	.228	.064	-1.931
230	264	-.116	.150	.408	-.671
230	265	.199	.133	.689	-.253
230	266	.228	.125	.746	-.136
230	267	.251	.128	.732	-.126
230	268	.232	.133	.793	-.160
230	269	.202	.130	.679	-.263
230	270	.172	.139	.739	-.238
230	271	.089	.135	.732	-.286
230	272	-.083	.127	.762	-.440
230	273	.046	.167	.781	-.423
230	274	-.587	.125	-.238	-1.182
230	275	-.534	.149	-.131	-1.332
230	276	-.599	.159	-.153	-1.314
230	277	-.813	.202	-.119	-1.552
230	278	-.928	.177	-.407	-1.788
230	279	-.973	.197	-.469	-1.896
230	280	-.574	.097	-.203	-1.038
230	281	-.524	.113	-.100	-1.112
230	282	-.149	.115	.412	-.539
230	283	.037	.102	.444	-.269
230	284	.066	.108	.520	-.232
230	285	.040	.119	.614	-.331
230	286	.062	.115	.573	-.260
230	287	.035	.106	.575	-.255
230	288	.033	.103	.603	-.272
230	289	.016	.110	.505	-.273
230	290	-.008	.091	.524	-.260
230	291	-.069	.094	.306	-.443
230	292	-.105	.125	.601	-.555
230	293	-.148	.144	.805	-.236
230	294	-.127	.085	.216	-.488
230	295	.144	.117	.803	-.160
230	296	.034	.098	.697	-.286
230	297	.070	.097	.633	-.214
230	298	-.361	.050	-.183	-.578
230	299	-.255	.041	-.103	-.390
230	300	-.204	.057	.061	-.402
230	301	-.233	.084	.060	-.700
230	302	-.351	.132	.124	-.905
230	303	-.426	.166	-.047	-1.149
230	304	-.200	.095	.171	-.704
230	305	-.295	.125	.076	-1.016
230	306	-.172	.064	.113	-.405
230	307	-.023	.080	.303	-.253
230	308	.030	.102	.462	-.251
230	309	-.037	.094	.325	-.496
230	310	-.115	.079	.211	-.378
230	311	-.032	.078	.234	-.269
230	312	-.274	.084	.009	-.618
230	313	-.191	.074	.082	-.539
230	314	-.186	.075	.069	-.462
230	315	.026	.073	.315	-.185
230	316	.027	.075	.352	-.178
230	320	-1.035	.336	-.401	-2.483
230	321	-.449	.157	.069	-.987
230	322	-.408	.258	.264	-1.639
230	323	.296	.186	.937	-.570
230	400	.220	.136	.694	-.262
230	401	.110	.128	.599	-.387
230	402	-.081	.105	.392	-.472
230	403	-.016	.100	.344	-.387
230	404	-.019	.105	.387	-.431
230	405	.101	.163	.687	-.587
230	406	-.636	.240	.342	-1.489
230	407	-.505	.128	-.115	-1.103
230	408	-.977	.334	-.370	-2.624
230	409	-.845	.204	-.277	-1.612
230	410	-.724	.151	-.229	-1.230
230	411	-.614	.142	-.163	-1.210
230	412	-.553	.141	-.081	-1.237
230	413	-.520	.136	-.087	-1.100
230	414	.436	.163	.897	-.065
230	415	.412	.159	.874	-.063
230	416	.360	.155	.905	-.069
230	417	.324	.150	.805	-.054
230	418	.358	.152	.854	-.057
230	419	.301	.144	.722	-.144
230	420	.433	.174	1.080	-.210
230	421	.411	.161	1.055	-.153
230	422	.455	.162	1.060	-.140
230	423	.461	.162	1.035	-.149
230	424	.479	.167	1.058	-.059
230	425	.481	.166	1.058	-.030
230	426	.456	.166	1.048	-.065
230	427	.430	.164	1.033	-.063
230	428	.333	.146	.803	-.079
230	429	-.173	.155	.429	-.666
230	430	-1.202	.286	-.221	-2.136
230	431	-.593	.174	-.090	-1.391
230	432	-.764	.211	-.327	-1.896
230	433	-.739	.177	-.342	-1.451
230	434	-.752	.173	-.332	-1.501
230	435	-.757	.182	-.141	-1.776
230	436	-.687	.172	.043	-1.411
230	437	-.693	.197	.045	-1.570
230	438	.301	.170	.900	-.251
230	439	.267	.148	.879	-.168
230	440	.303	.153	.862	-.133
230	441	.324	.153	.904	-.146
230	442	.315	.149	.922	-.089
230	443	.298	.146	.928	-.097
230	444	.270	.147	.841	-.105
230	445	.236	.142	.820	-.116
230	446	.097	.124	.725	-.229
230	447	-.372	.161	.504	-.954
230	448	-1.323	.300	-.057	-2.400
230	449	-.684	.203	-.171	-1.776
230	450	-.862	.187	-.348	-2.066
230	451	-.849	.177	-.352	-1.876
230	452	-.810	.168	-.255	-1.762
230	453	-.776	.178	-.255	-1.588
230	454	-.749	.180	-.174	-1.593
230	455	-.764	.201	-.090	-2.064
230	456	.158	.153	.795	-.341
230	457	.159	.136	.780	-.215
230	458	.189	.141	.771	-.215
230	459	.189	.140	.739	-.212
230	460	.144	.130	.736	-.191
230	461	.137	.126	.748	-.168
230	462	.075	.120	.653	-.251
230	463	.027	.114	.561	-.261
230	464	-.037	.116	.665	-.515
230	465	-.504	.164	.015	-1.135
230	466	-1.246	.304	-.141	-2.425
230	467	-.751	.194	-.154	-1.851
230	468	-.842	.167	-.206	-1.614
230	469	-.826	.170	-.135	-1.650
230	470	-.769	.178	-.123	-1.527
230	471	-.679	.196	-.166	-1.535
230	472	-.660	.168	-.193	-1.451
230	473	-.705	.160	-.309	-1.554
230	474	.064	.127	.635	-.387
230	475	.042	.117	.522	-.304
230	476	.063	.122	.579	-.289

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	477	.049	.115	.733	-.287
230	478	.027	.108	.648	-.272
230	479	.006	.102	.445	-.259
230	480	-.020	.088	.387	-.277
230	481	-.023	.096	.413	-.287
230	482	-.049	.087	.315	-.527
230	483	-.390	.133	.160	-1.065
230	484	-.871	.225	-.143	-1.853
230	485	-.518	.192	.173	-1.617
230	486	-.609	.151	.105	-1.367
230	487	-.552	.156	.068	-1.410
230	488	-.439	.158	.019	-1.555
230	489	-.393	.108	-.033	-.968
230	490	-.429	.084	-.122	-.897
230	491	-.534	.081	-.215	-.910
230	492	.006	.086	.485	-.230
230	493	-.001	.086	.349	-.243
230	494	.063	.103	.522	-.205
230	495	-.375	.141	.143	-1.107
230	496	-.406	.154	.059	-1.126
230	497	-.466	.179	.103	-1.350
230	498	-.365	.141	.074	-1.111
230	499	-.261	.108	.105	-.965
230	500	-.238	.070	.041	-.587
230	501	-.253	.057	.049	-.472
230	502	-.394	.051	-.183	-.616
230	510	.105	.181	.738	-.648
230	511	-.821	.295	.084	-1.971
230	512	-.578	.175	-.182	-1.298
230	513	-.976	.387	-.376	-2.700
230	600	-.515	.142	-.012	-1.209
230	601	-.497	.139	-.067	-1.231
230	602	-.507	.149	-.016	-2.043
230	603	-.534	.128	-.128	-1.891
230	604	-.494	.101	-.157	-1.274
230	605	-.513	.105	-.211	-1.266
230	606	-.531	.122	-.242	-1.569
230	607	-.635	.149	-.125	-1.245
230	608	-.601	.147	-.124	-1.278
230	609	-.575	.129	-.127	-1.322
230	610	-.571	.113	-.237	-1.078
230	611	-.554	.099	-.286	-1.151
230	612	-.548	.099	-.283	-1.022
230	613	-.557	.108	-.214	-1.170
230	614	-.716	.187	-.137	-1.562
230	615	-.692	.189	-.035	-2.022
230	616	-.668	.166	-.183	-1.559
230	617	-.677	.147	-.225	-1.357
230	618	-.594	.125	-.197	-1.233
230	619	-.568	.109	-.200	-1.229
230	620	-.570	.115	-.205	-1.286
230	621	-.708	.157	-.326	-1.525
230	622	-.703	.154	-.232	-1.413
230	623	-.671	.158	-.159	-1.489
230	624	-.586	.129	-.021	-1.203
230	625	-.540	.100	-.220	-.997
230	626	-.431	.082	-.095	-.829
230	627	-.423	.085	-.111	-.967
230	628	-.575	.116	-.249	-1.197
230	629	-.526	.113	-.170	-1.115
230	630	-.386	.061	-.148	-.666
230	631	-.332	.049	-.141	-.533
230	632	-.301	.043	-.154	-.485
230	633	-.277	.040	-.125	-.433
230	634	-.270	.045	-.078	-.530
230	635	-.476	.111	-.188	-1.057
230	636	-.332	.054	-.179	-.642
230	637	-.347	.046	-.176	-.532
230	638	-.474	.067	-.246	-.770
230	639	-.402	.053	-.217	-.643
230	640	-.385	.047	-.164	-.568
230	641	-.288	.038	-.111	-.463
230	642	-.288	.036	-.154	-.430
230	643	-.312	.036	-.156	-.455
230	644	-.308	.035	-.164	-.451
230	645	-.285	.036	-.161	-.468
230	646	-.271	.035	-.098	-.411
230	647	-.265	.037	-.100	-.406
230	648	-.245	.035	-.040	-.370
230	650	-.545	.099	-.277	-1.228
230	651	-.589	.121	-.316	-1.457
230	900	-.612	.155	-.011	-1.532
230	901	-.578	.162	-.000	-1.470
230	902	-.245	.070	.111	-.491
230	903	-.130	.125	.480	-.647
230	904	-.620	.150	-.099	-1.509
230	905	-.706	.146	-.285	-1.457
230	906	-.738	.159	-.335	-1.555
230	907	-.673	.149	-.204	-1.447
230	908	-.489	.185	.055	-1.159
230	909	-.793	.190	-.362	-1.906
230	910	-.826	.250	-.276	-2.096
230	911	-.464	.188	.143	-1.356
230	912	-.852	.187	-.296	-1.804
230	913	-.237	.072	.047	-.537
230	914	.184	.164	.675	-.711
230	915	.147	.149	.580	-.342
230	916	.264	.077	.107	-.779
230	917	-.732	.156	-.168	-1.399
230	918	-.992	.297	-.395	-2.550
230	919	-.341	.140	.105	-1.062
230	920	-.985	.305	-.369	-2.362
240	100	-.487	.143	-.065	-1.482
240	101	-.494	.165	-.029	-1.760
240	102	-.529	.183	-.072	-1.536
240	103	-.517	.148	-.167	-1.588
240	104	-.497	.112	-.079	-1.299
240	105	-.483	.103	-.192	-1.128
240	106	-.479	.104	-.192	-1.129
240	107	-.578	.127	-.283	-1.537
240	108	-.566	.113	-.241	-1.271
240	109	-.562	.102	-.246	-1.110
240	110	-.563	.109	-.204	-1.207
240	111	-.556	.109	-.216	-1.295
240	112	-.557	.106	-.160	-1.107
240	113	-.559	.106	-.212	-1.108
240	114	-.679	.116	-.238	-1.407
240	115	-.563	.110	-.190	-1.078
240	116	-.578	.118	-.142	-1.247
240	117	-.605	.135	-.132	-1.444
240	118	-.633	.158	-.119	-1.439
240	119	-.654	.172	-.079	-1.373
240	120	-.679	.178	-.101	-1.422
240	121	-.472	.091	-.144	-.968
240	122	-.483	.089	-.205	-.899
240	123	-.532	.102	-.230	-1.101
240	124	-.603	.119	-.218	-1.443
240	125	-.656	.137	-.273	-1.811
240	126	-.709	.148	-.187	-1.754
240	127	-.733	.153	-.315	-1.630
240	128	-.273	.055	-.062	-.538
240	129	-.269	.065	-.025	-.582
240	130	-.290	.075	-.074	-.631
240	131	-.396	.101	-.019	-.879
240	132	-.548	.132	-.079	-1.068
240	133	-.636	.132	-.278	-1.282
240	134	-.674	.137	-.335	-1.400
240	135	-.208	.038	-.044	-.341
240	136	-.208	.039	-.060	-.327
240	137	-.216	.040	-.032	-.386
240	138	-.242	.037	-.104	-.384
240	139	-.297	.035	-.147	-.450
240	140	-.297	.047	-.143	-.523
240	141	-.355	.059	-.202	-.639
240	142	-.402	.069	-.220	-.714
240	143	-.339	.052	-.133	-.548
240	144	-.373	.074	-.053	-.693
240	145	-.486	.087	-.150	-.918
240	150	-.470	.112	-.175	-1.133
240	151	-.469	.107	-.175	-1.077

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	200	-.421	.065	-.237	-.761
240	201	-.379	.056	-.204	-.823
240	202	-.350	.053	-.127	-.929
240	203	-.370	.078	-.176	-.883
240	204	-.875	.269	-.151	-1.784
240	205	-1.335	.275	-.715	-2.411
240	206	-.376	.150	.148	-.892
240	207	-.158	.213	.553	-1.058
240	208	.279	.171	.769	-.432
240	209	.067	.129	.513	-.494
240	210	.121	.126	.528	-.303
240	211	.093	.118	.504	-.307
240	212	.224	.137	.670	-.232
240	213	.297	.140	.735	-.179
240	214	.252	.130	.652	-.179
240	215	.243	.145	.674	-.232
240	216	.197	.154	.686	-.353
240	217	.229	.141	.668	-.261
240	218	.156	.144	.605	-.331
240	219	.345	.173	.869	-.395
240	220	-.544	.100	-.146	-1.256
240	221	-.523	.114	-.134	-1.256
240	222	-.578	.194	-.048	-1.596
240	223	-.824	.284	-.175	-1.731
240	224	-1.343	.265	-.485	-2.267
240	225	-1.101	.174	-.580	-1.847
240	226	-.582	.153	.025	-1.114
240	227	-.598	.329	.408	-1.762
240	228	.146	.195	.901	-.700
240	229	.449	.165	1.017	-.258
240	230	.482	.129	.848	.114
240	231	.474	.149	1.010	.013
240	232	.475	.148	1.024	-.043
240	233	.463	.147	.997	-.018
240	234	.446	.145	.977	-.065
240	235	.391	.141	.864	-.069
240	236	.297	.130	.683	-.070
240	237	.337	.172	1.015	-.138
240	238	-.708	.201	-.045	-1.753
240	239	-.742	.222	.019	-1.631
240	240	-.881	.254	-.202	-2.107
240	241	-1.065	.204	-.381	-2.027
240	242	-1.068	.183	-.502	-1.930
240	243	-1.174	.189	-.631	-2.155
240	244	-.495	.125	-.121	-1.267
240	245	-.903	.284	-.000	-2.096
240	246	-.104	.187	.607	-1.067
240	247	.281	.145	.776	-.201
240	248	.359	.148	.911	-.041
240	249	.396	.144	.894	.034

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	250	.380	.140	.860	.016
240	251	.375	.144	.931	-.022
240	252	.332	.149	.866	-.064
240	253	.262	.151	.911	-.229
240	254	.102	.124	.686	-.285
240	255	.217	.170	.984	-.338
240	256	-.685	.151	-.226	-1.508
240	257	-.703	.180	-.223	-1.580
240	258	-.789	.207	-.180	-1.658
240	259	-.973	.190	-.346	-1.874
240	260	-1.051	.196	-.550	-2.048
240	261	-1.206	.215	-.696	-2.432
240	262	-.683	.118	-.225	-1.183
240	263	-.834	.279	.004	-1.735
240	264	-.178	.172	.638	-.787
240	265	.157	.120	.801	-.245
240	266	.189	.111	.786	-.142
240	267	.231	.116	.869	-.096
240	268	.233	.128	.805	-.122
240	269	.213	.127	.856	-.158
240	270	.208	.135	.790	-.133
240	271	.134	.140	.881	-.222
240	272	-.040	.136	.837	-.391
240	273	.093	.174	.953	-.378
240	274	-.545	.098	-.277	-1.054
240	275	-.498	.112	-.170	-1.091
240	276	-.580	.156	-.170	-1.474
240	277	-.745	.200	-.059	-1.583
240	278	-.865	.179	-.329	-2.029
240	279	-.929	.195	-.426	-1.957
240	280	-.592	.099	-.199	-1.190
240	281	-.584	.125	.029	-1.120
240	282	-.218	.131	.387	-.758
240	283	.034	.091	.416	-.235
240	284	.077	.098	.530	-.222
240	285	.094	.096	.555	-.162
240	286	.119	.106	.614	-.146
240	287	.111	.102	.554	-.185
240	288	.112	.102	.579	-.187
240	289	.110	.105	.606	-.225
240	290	.051	.111	.600	-.252
240	291	-.045	.112	.405	-.471
240	292	-.088	.144	.513	-.651
240	293	.158	.151	.990	-.367
240	294	-.162	.121	.324	-.760
240	295	.176	.116	.800	-.157
240	296	.100	.107	.670	-.194
240	297	.103	.102	.648	-.343
240	298	-.352	.046	-.175	-.601
240	299	-.247	.043	-.076	-.441

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	300	-.211	.062	.054	-.502
240	301	-.314	.124	.050	-.859
240	302	-.472	.125	-.021	-1.063
240	303	-.535	.166	.033	-1.194
240	304	-.255	.110	.061	-.810
240	305	-.387	.150	.046	-1.319
240	306	-.198	.070	.103	-.440
240	307	.005	.061	.297	-.161
240	308	.056	.080	.471	-.193
240	309	.021	.093	.406	-.259
240	310	-.056	.100	.362	-.434
240	311	-.002	.077	.338	-.290
240	312	-.263	.076	.021	-.657
240	313	-.181	.067	.043	-.535
240	314	-.231	.089	.078	-.649
240	315	.035	.066	.363	-.148
240	316	.034	.067	.387	-.158
240	320	-1.233	.243	-.647	-2.515
240	321	-.326	.152	.334	-1.019
240	322	-.099	.223	.587	-1.081
240	323	.403	.172	.943	-.319
240	400	.162	.135	.561	-.308
240	401	.061	.120	.432	-.372
240	402	-.090	.093	.229	-.423
240	403	-.014	.094	.310	-.383
240	404	-.013	.101	.298	-.417
240	405	-.037	.147	.535	-.767
240	406	-.880	.219	.046	-1.818
240	407	-.413	.084	-.009	-.911
240	408	-.548	.144	-.271	-2.392
240	409	-.546	.129	-.260	-1.742
240	410	-.549	.133	-.188	-1.274
240	411	-.548	.150	-.077	-1.293
240	412	-.516	.161	.122	-1.430
240	413	-.494	.152	.027	-1.258
240	414	.453	.167	1.039	-.294
240	415	.421	.156	.829	-.221
240	416	.387	.149	.906	-.147
240	417	.338	.140	.842	-.112
240	418	.360	.137	.857	-.069
240	419	.297	.128	.833	-.126
240	420	.439	.164	1.130	-.083
240	421	.432	.160	1.050	-.097
240	422	.458	.154	1.032	-.011
240	423	.461	.152	1.006	-.116
240	424	.468	.149	.942	.069
240	425	.464	.147	.988	.030
240	426	.427	.141	.949	.028
240	427	.394	.137	.948	.015
240	428	.295	.128	.677	-.081

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	429	-.202	.117	.345	-.754
240	430	-1.093	.277	-.309	-1.872
240	431	-.618	.182	-.160	-1.473
240	432	-.534	.104	-.212	-1.132
240	433	-.529	.103	-.198	-1.137
240	434	-.592	.110	-.252	-1.197
240	435	-.557	.125	-.165	-1.407
240	436	-.581	.124	-.074	-1.213
240	437	-.601	.151	-.159	-1.489
240	438	.354	.164	.954	-.161
240	439	.326	.147	.826	-.104
240	440	.379	.155	.994	-.050
240	441	.405	.152	.941	-.012
240	442	.404	.146	.937	-.052
240	443	.389	.142	.897	-.041
240	444	.350	.132	.844	-.024
240	445	.312	.129	.782	-.045
240	446	.153	.115	.582	-.200
240	447	-.348	.130	.173	-.928
240	448	-1.166	.295	-.437	-2.267
240	449	-.727	.187	-.208	-1.556
240	450	-.665	.120	-.309	-1.252
240	451	-.666	.118	-.316	-1.237
240	452	-.663	.115	-.321	-1.320
240	453	-.674	.136	-.161	-1.345
240	454	-.704	.152	-.127	-1.639
240	455	-.736	.182	-.034	-1.914
240	456	.196	.141	.932	-.374
240	457	.189	.120	.790	-.154
240	458	.236	.120	.857	-.091
240	459	.248	.118	.858	-.080
240	460	.253	.123	.751	-.066
240	461	.254	.122	.722	-.184
240	462	.199	.124	.676	-.227
240	463	.148	.124	.661	-.194
240	464	-.022	.108	.536	-.307
240	465	-.529	.144	.038	-1.059
240	466	-1.244	.296	-.298	-2.489
240	467	-.813	.197	-.259	-1.919
240	468	-.799	.146	-.323	-1.538
240	469	-.793	.147	-.418	-1.703
240	470	-.768	.158	-.309	-1.802
240	471	-.741	.169	-.045	-1.600
240	472	-.724	.168	-.065	-1.636
240	473	-.715	.157	-.242	-1.386
240	474	.064	.119	.572	-.336
240	475	.044	.101	.559	-.248
240	476	.083	.105	.523	-.192
240	477	.104	.104	.592	-.186
240	478	.102	.108	.602	-.194

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	479	.095	.106	.507	-.186
240	480	.064	.103	.501	-.187
240	481	.051	.107	.507	-.261
240	482	-.040	.108	.418	-.444
240	483	-.488	.129	.034	-1.097
240	484	-1.052	.244	-.345	-2.078
240	485	-.714	.223	.006	-1.593
240	486	-.717	.177	-.063	-1.534
240	487	-.691	.181	.019	-1.446
240	488	-.620	.200	.138	-1.375
240	489	-.514	.162	-.069	-1.177
240	490	-.507	.127	-.166	-1.135
240	491	-.555	.105	-.253	-1.088
240	492	.034	.078	.463	-.199
240	493	.029	.065	.383	-.142
240	494	.089	.088	.577	-.198
240	495	-.561	.154	-.075	-1.142
240	496	-.575	.173	-.067	-1.437
240	497	-.643	.202	.049	-1.619
240	498	-.530	.160	-.050	-1.274
240	499	-.396	.145	-.005	-1.241
240	500	-.276	.103	.264	-.832
240	501	-.252	.073	.111	-.628
240	502	-.362	.055	-.142	-.599
240	510	-.017	.158	.530	-.746
240	511	-.958	.235	-.183	-2.020
240	512	-.471	.119	-.147	-1.164
240	513	-.573	.116	-.199	-1.346
240	600	-.456	.135	.002	-1.026
240	601	-.450	.131	-.013	-1.430
240	602	-.458	.108	-.039	-1.160
240	603	-.513	.099	-.059	-1.482
240	604	-.452	.074	-.178	-.897
240	605	-.429	.089	-.169	-1.056
240	606	-.445	.111	-.124	-1.439
240	607	-.560	.110	-.147	-1.160
240	608	-.541	.104	-.132	-1.195
240	609	-.532	.096	-.183	-1.756
240	610	-.520	.079	-.265	-1.311
240	611	-.512	.068	-.310	-.992
240	612	-.522	.078	-.275	-1.054
240	613	-.537	.093	-.155	-1.593
240	614	-.695	.153	-.235	-1.443
240	615	-.666	.147	-.167	-1.698
240	616	-.635	.128	-.199	-1.768
240	617	-.642	.111	-.274	-1.261
240	618	-.572	.093	-.226	-1.323
240	619	-.552	.090	-.239	-1.174
240	620	-.555	.102	-.280	-1.249
240	621	-.735	.168	-.289	-1.728

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	622	-.723	.174	-.196	-1.416
240	623	-.666	.150	-.147	-1.347
240	624	-.571	.113	-.096	-1.044
240	625	-.526	.082	-.230	-.933
240	626	-.434	.074	-.183	-.811
240	627	-.427	.076	-.065	-.854
240	628	-.597	.127	-.258	-1.160
240	629	-.541	.118	-.223	-1.111
240	630	-.388	.063	-.162	-.707
240	631	-.328	.052	-.140	-.532
240	632	-.288	.044	-.131	-.461
240	633	-.265	.045	-.091	-.566
240	634	-.274	.054	-.060	-.583
240	635	-.475	.120	-.197	-1.112
240	636	-.335	.061	-.157	-.669
240	637	-.341	.051	-.166	-.665
240	638	-.437	.064	-.256	-.693
240	639	-.378	.052	-.231	-.608
240	640	-.382	.054	-.167	-.588
240	641	-.290	.044	-.069	-.486
240	642	-.279	.041	-.060	-.481
240	643	-.293	.040	-.151	-.438
240	644	-.282	.039	-.064	-.422
240	645	-.264	.041	-.022	-.414
240	646	-.241	.044	-.040	-.403
240	647	-.221	.045	.000	-.392
240	648	-.204	.038	.010	-.329
240	650	-.472	.077	-.257	-.863
240	651	-.506	.092	-.262	-1.074
240	900	-.442	.130	.037	-.974
240	901	-.559	.151	.047	-1.273
240	902	-.277	.088	.094	-.969
240	903	-.176	.156	.646	-.853
240	904	-.508	.139	-.048	-1.103
240	905	-.680	.147	-.262	-1.448
240	906	-.701	.128	-.329	-1.332
240	907	-.619	.143	-.127	-1.182
240	908	-.236	.079	.159	-.566
240	909	-.765	.152	-.338	-1.465
240	910	-.844	.207	-.340	-1.742
240	911	-.611	.184	.071	-1.391
240	912	-.634	.200	-.118	-1.369
240	913	-.251	.073	.073	-.530
240	914	.189	.144	.750	-.445
240	915	.128	.141	.619	-.360
240	916	-.290	.115	.268	-.897
240	917	-.535	.185	-.020	-1.364
240	918	-1.391	.281	-.362	-2.629
240	919	-.470	.132	.020	-.914
240	920	-1.289	.216	-.285	-2.098

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	100	-.540	.157	-.102	-1.454
250	101	-.596	.182	-.047	-1.890
250	102	-.636	.153	-.253	-1.330
250	103	-.714	.182	-.242	-1.491
250	104	-.787	.258	-.260	-2.131
250	105	-.785	.239	-.266	-1.955
250	106	-.806	.274	-.260	-2.655
250	107	-.568	.159	-.014	-1.334
250	108	-.567	.139	.041	-1.262
250	109	-.611	.143	-.071	-1.215
250	110	-.705	.166	-.096	-1.403
250	111	-.739	.176	-.096	-1.821
250	112	-.718	.159	-.372	-1.728
250	113	-.700	.144	-.369	-1.509
250	114	-.748	.148	-.260	-1.514
250	115	-.532	.115	-.123	-1.056
250	116	-.556	.128	-.079	-1.079
250	117	-.616	.146	-.119	-1.573
250	118	-.709	.173	-.161	-1.745
250	119	-.738	.173	-.320	-1.625
250	120	-.732	.167	-.346	-1.576
250	121	-.432	.067	-.173	-.784
250	122	-.442	.070	-.159	-.815
250	123	-.470	.077	-.211	-.896
250	124	-.513	.088	-.179	-.972
250	125	-.561	.103	-.209	-1.100
250	126	-.609	.107	-.292	-1.156
250	127	-.632	.112	-.265	-1.390
250	128	-.273	.048	-.115	-.532
250	129	-.266	.053	-.079	-.572
250	130	-.282	.061	-.049	-.588
250	131	-.367	.069	-.047	-.762
250	132	-.457	.088	-.168	-.936
250	133	-.508	.106	-.210	-1.382
250	134	-.535	.105	-.253	-1.189
250	135	-.183	.039	-.004	-.299
250	136	-.189	.039	-.019	-.325
250	137	-.195	.040	-.043	-.324
250	138	-.218	.036	-.068	-.340
250	139	-.275	.032	-.171	-.394
250	140	-.278	.046	-.141	-.510
250	141	-.334	.057	-.167	-.584
250	142	-.370	.066	-.178	-.648
250	143	-.312	.049	-.137	-.583
250	144	-.353	.064	-.158	-.620
250	145	-.436	.067	-.201	-.764
250	150	-.570	.160	-.191	-1.579
250	151	-.546	.124	-.151	-1.621
250	200	-.447	.117	-.155	-1.018
250	201	-.359	.086	-.062	-.784

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	202	-.284	.074	-.001	-.611
250	203	-.232	.070	.103	-.636
250	204	-.486	.250	.051	-1.441
250	205	-.860	.196	-.217	-1.931
250	206	-.033	.184	.590	-.779
250	207	.253	.238	.930	-1.237
250	208	.416	.172	.959	-.325
250	209	-.073	.135	.276	-.700
250	210	.130	.127	.866	-.323
250	211	.174	.138	.574	-.617
250	212	.293	.152	.826	-.267
250	213	.317	.156	.858	-.264
250	214	.309	.146	.819	-.185
250	215	.340	.153	.875	-.175
250	216	.333	.162	.816	-.318
250	217	.326	.142	.739	-.218
250	218	.286	.167	.760	-.335
250	219	.440	.181	.947	-.270
250	220	-.537	.102	-.248	-.923
250	221	-.494	.093	-.167	-.801
250	222	-.437	.099	-.033	-1.074
250	223	-.358	.175	.009	-1.459
250	224	-.983	.364	.242	-2.183
250	225	-.770	.227	.025	-1.587
250	226	-.265	.194	.547	-.852
250	227	.074	.297	.869	-1.474
250	228	.206	.228	.811	-.596
250	229	.403	.182	1.002	-.310
250	230	.432	.115	.733	.095
250	231	.455	.175	1.025	-.011
250	232	.465	.168	1.002	-.071
250	233	.436	.168	1.031	-.150
250	234	.419	.166	.969	-.163
250	235	.337	.145	.980	-.151
250	236	.261	.132	.864	-.228
250	237	.326	.175	1.079	-.258
250	238	-.614	.120	-.206	-1.247
250	239	-.583	.122	-.175	-1.305
250	240	-.541	.158	-.118	-1.451
250	241	-.739	.276	-.121	-2.006
250	242	-.937	.242	-.145	-2.407
250	243	-1.031	.191	-.118	-1.910
250	244	-.480	.132	.097	-1.161
250	245	-.757	.323	.324	-2.018
250	246	-.165	.196	.777	-1.130
250	247	.172	.141	.809	-.253
250	248	.203	.148	.945	-.189
250	249	.245	.151	.925	-.232
250	250	.243	.149	.917	-.230
250	251	.249	.163	1.009	-.265

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	252	.231	.167	.969	-.385
250	253	.175	.177	.947	-.574
250	254	.057	.151	.731	-.442
250	255	.205	.183	1.214	-.295
250	256	-.584	.094	-.292	-1.195
250	257	-.559	.118	-.196	-1.413
250	258	-.595	.165	-.062	-1.470
250	259	-.778	.196	-.150	-1.504
250	260	-.888	.181	-.188	-1.744
250	261	-1.098	.201	-.522	-2.174
250	262	-.604	.115	-.242	-1.259
250	263	-.618	.243	.236	-1.794
250	264	-.121	.186	.546	-.931
250	265	.140	.144	.739	-.482
250	266	.162	.140	.789	-.289
250	267	.195	.141	.738	-.350
250	268	.176	.120	.807	-.147
250	269	.185	.148	.763	-.422
250	270	.163	.145	.874	-.404
250	271	.109	.155	.757	-.493
250	272	-.086	.118	.476	-.536
250	273	.069	.196	.900	-.687
250	274	-.478	.087	-.156	-.976
250	275	-.420	.098	.099	-.884
250	276	-.467	.093	-.164	-.963
250	277	-.605	.189	-.008	-1.496
250	278	-.792	.191	-.230	-1.801
250	279	-.810	.184	-.280	-1.642
250	280	-.496	.092	-.193	-1.041
250	281	-.490	.121	-.008	-.986
250	282	-.147	.165	.655	-.757
250	283	.022	.097	.536	-.303
250	284	.060	.099	.573	-.271
250	285	.072	.091	.468	-.316
250	286	.109	.103	.681	-.297
250	287	.116	.103	.572	-.237
250	288	.122	.108	.627	-.244
250	289	.111	.102	.599	-.307
250	290	.071	.122	.647	-.326
250	291	-.009	.121	.505	-.461
250	292	-.034	.153	.585	-.633
250	293	.156	.153	.885	-.355
250	294	-.152	.147	.469	-.916
250	295	.171	.110	.635	-.095
250	296	.136	.101	.681	-.256
250	297	.124	.096	.654	-.275
250	298	-.314	.046	-.147	-.528
250	299	-.222	.046	-.031	-.494
250	300	-.193	.069	.113	-.534
250	301	-.284	.121	.081	-.745

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	302	-.428	.121	.008	-.885
250	303	-.431	.149	-.005	-1.120
250	304	-.245	.110	.052	-.761
250	305	-.367	.148	-.020	-1.118
250	306	-.190	.073	.110	-.574
250	307	.007	.057	.279	-.174
250	308	.046	.071	.361	-.157
250	309	.045	.083	.426	-.275
250	310	.018	.086	.477	-.253
250	311	.031	.073	.342	-.224
250	312	-.238	.063	.028	-.613
250	313	-.151	.059	.110	-.453
250	314	-.203	.100	.132	-.619
250	315	.036	.061	.349	-.146
250	316	.034	.063	.404	-.148
250	320	-.857	.197	-.115	-1.475
250	321	.026	.165	.571	-.649
250	322	.293	.195	.890	-.577
250	323	.473	.164	.959	-.159
250	400	.042	.157	.625	-.855
250	401	.031	.115	.465	-.520
250	402	-.063	.102	.371	-.486
250	403	-.021	.110	.364	-.420
250	404	-.036	.114	.556	-.435
250	405	-.158	.127	.374	-1.070
250	406	-.865	.210	-.354	-1.714
250	407	-.451	.109	-.190	-1.258
250	408	-.482	.105	-.155	-1.074
250	409	-.484	.115	-.156	-1.119
250	410	-.488	.143	-.031	-1.578
250	411	-.484	.157	.086	-1.213
250	412	-.471	.162	.106	-1.558
250	413	-.466	.153	.000	-1.495
250	414	.359	.219	1.068	-.722
250	415	.364	.202	1.036	-.528
250	416	.335	.198	.964	-.621
250	417	.313	.188	.876	-.607
250	418	.322	.170	.859	-.453
250	419	.269	.162	.900	-.531
250	420	.347	.196	1.123	-.233
250	421	.364	.194	1.244	-.205
250	422	.373	.190	1.183	-.234
250	423	.378	.184	1.111	-.210
250	424	.354	.174	.951	-.184
250	425	.349	.171	.907	-.174
250	426	.319	.165	.864	-.144
250	427	.289	.162	.853	-.233
250	428	.200	.157	.725	-.280
250	429	-.230	.153	.333	-.858
250	430	-.688	.226	-.325	-1.756
250	431	-.547	.174	-.062	-1.498
250	432	-.491	.125	-.024	-1.138
250	433	-.489	.121	-.066	-1.275
250	434	-.528	.099	-.247	-1.164
250	435	-.504	.132	-.080	-1.476
250	436	-.512	.129	-.137	-1.238
250	437	-.528	.151	-.187	-1.749
250	438	.181	.182	1.363	-.411
250	439	.169	.153	1.038	-.248
250	440	.198	.154	.870	-.214
250	441	.227	.156	1.032	-.182
250	442	.249	.158	.906	-.179
250	443	.245	.157	.830	-.127
250	444	.197	.157	.961	-.243
250	445	.170	.160	.940	-.325
250	446	.058	.153	.689	-.590
250	447	-.335	.177	.351	-1.153
250	448	-.876	.257	-.267	-2.257
250	449	-.582	.167	-.161	-1.321
250	450	-.560	.136	-.116	-1.553
250	451	-.557	.132	-.142	-1.381
250	452	-.584	.158	-.179	-1.691
250	453	-.580	.171	-.005	-1.790
250	454	-.590	.166	-.031	-1.433
250	455	-.615	.200	-.035	-1.930
250	456	.142	.161	.848	-.459
250	457	.140	.141	.832	-.315
250	458	.175	.140	.807	-.608
250	459	.192	.134	.780	-.378
250	460	.191	.144	.757	-.231
250	461	.195	.142	.691	-.207
250	462	.159	.144	.722	-.298
250	463	.120	.144	.697	-.330
250	464	-.005	.145	.547	-.695
250	465	-.441	.193	.322	-1.444
250	466	-1.109	.281	-.307	-2.306
250	467	-.731	.193	-.141	-1.547
250	468	-.724	.145	-.324	-1.540
250	469	-.742	.140	-.336	-1.399
250	470	-.725	.149	-.252	-1.557
250	471	-.674	.176	-.077	-1.731
250	472	-.673	.177	-.146	-1.500
250	473	-.658	.184	-.061	-1.511
250	474	.073	.123	.697	-.294
250	475	.027	.100	.528	-.312
250	476	.069	.108	.708	-.308
250	477	.111	.105	.524	-.353
250	478	.151	.105	.709	-.483
250	479	.131	.104	.664	-.327
250	480	.108	.110	.620	-.392
250	481	.083	.109	.569	-.460
250	482	-.008	.118	.465	-.657
250	483	-.467	.134	.122	-.978
250	484	-1.146	.244	-.520	-2.088
250	485	-.741	.197	-.156	-1.732
250	486	-.678	.164	-.187	-1.553
250	487	-.711	.163	-.288	-1.517
250	488	-.704	.168	-.119	-1.436
250	489	-.580	.155	.032	-1.268
250	490	-.490	.127	-.049	-1.054
250	491	-.521	.115	-.125	-1.068
250	492	.014	.081	.386	-.249
250	493	.025	.061	.293	-.147
250	494	.078	.082	.526	-.189
250	495	-.600	.150	-.148	-1.149
250	496	-.618	.168	-.077	-1.391
250	497	-.752	.204	-.225	-1.579
250	498	-.622	.154	-.087	-1.430
250	499	-.471	.134	.041	-1.195
250	500	-.355	.127	.074	-1.082
250	501	-.277	.112	.322	-.897
250	502	-.328	.081	-.051	-1.026
250	510	-.135	.128	.313	-.707
250	511	-.881	.244	-.236	-1.663
250	512	-.594	.151	-.215	-1.207
250	513	-.519	.099	-.183	-1.085
250	600	-.433	.122	-.000	-.978
250	601	-.427	.118	-.030	-1.029
250	602	-.436	.093	-.103	-1.495
250	603	-.472	.076	-.220	-.893
250	604	-.407	.077	-.192	-.748
250	605	-.429	.089	-.156	-.946
250	606	-.450	.101	-.136	-.999
250	607	-.493	.105	-.172	-1.069
250	608	-.474	.093	-.178	-1.109
250	609	-.466	.072	-.190	-.903
250	610	-.473	.062	-.241	-.764
250	611	-.488	.071	-.249	-.846
250	612	-.512	.107	-.221	-1.182
250	613	-.535	.132	-.030	-1.635
250	614	-.587	.150	-.166	-1.502
250	615	-.551	.129	-.167	-1.399
250	616	-.515	.100	-.214	-1.102
250	617	-.577	.082	-.292	-1.026
250	618	-.491	.073	-.254	-.846
250	619	-.519	.106	-.246	-1.418
250	620	-.529	.119	-.210	-1.339
250	621	-.619	.164	-.129	-1.449
250	622	-.593	.158	-.168	-1.459
250	623	-.545	.124	-.213	-1.258

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	624	-.483	.082	-.244	-1.018
250	625	-.524	.076	-.259	-.841
250	626	-.427	.063	-.195	-.750
250	627	-.431	.069	-.173	-.743
250	628	-.553	.129	-.123	-1.295
250	629	-.503	.111	-.096	-1.256
250	630	-.398	.067	-.156	-.663
250	631	-.350	.057	-.152	-.583
250	632	-.315	.050	-.128	-.517
250	633	-.286	.046	-.126	-.533
250	634	-.291	.060	-.094	-.775
250	635	-.523	.145	-.141	-1.396
250	636	-.402	.093	-.115	-.855
250	637	-.397	.071	-.184	-.658
250	638	-.467	.074	-.209	-.775
250	639	-.408	.062	-.220	-.679
250	640	-.374	.105	.106	-.690
250	641	-.290	.073	.126	-.573
250	642	-.265	.065	.046	-.505
250	643	-.276	.060	-.035	-.471
250	644	-.276	.057	-.012	-.474
250	645	-.259	.056	-.020	-.486
250	646	-.230	.056	.096	-.480
250	647	-.214	.051	.051	-.438
250	648	-.193	.045	.030	-.349
250	650	-.472	.075	-.228	-.868
250	651	-.511	.089	-.201	-.998
250	900	-.264	.143	.229	-.798
250	901	-.565	.131	.022	-1.188
250	902	-.368	.106	.043	-.827
250	903	-.259	.142	.347	-.856
250	904	-.402	.110	-.031	-.848
250	905	-.655	.172	-.138	-1.402
250	906	-.653	.127	-.302	-1.273
250	907	-.657	.154	-.032	-1.294
250	908	-.188	.085	.065	-.722
250	909	-.744	.158	-.345	-1.490
250	910	-.852	.202	-.347	-1.802
250	911	-.658	.153	-.158	-1.332
250	912	-.381	.090	-.078	-1.096
250	913	-.246	.068	.045	-.663
250	914	.261	.124	.606	-.386
250	915	.190	.130	.646	-.445
250	916	-.280	.119	.100	-.907
250	917	-.820	.230	-.028	-1.573
250	918	-1.673	.277	-.592	-2.779
250	919	-.412	.130	.047	-.907
250	920	-1.125	.173	-.563	-2.005
260	100	-.401	.085	-.124	-1.053
260	101	-.583	.105	-.255	-1.130
260	102	-.580	.125	-.207	-1.058
260	103	-.724	.177	-.190	-1.527
260	104	-.918	.227	-.243	-2.012
260	105	-.879	.185	-.372	-1.714
260	106	-1.181	.328	-.362	-2.664
260	107	-.430	.105	-.105	-1.173
260	108	-.445	.114	-.038	-1.064
260	109	-.499	.131	0.000	-1.030
260	110	-.654	.180	-.051	-1.359
260	111	-.813	.211	-.091	-1.855
260	112	-.876	.203	-.418	-2.080
260	113	-.834	.189	-.393	-1.983
260	114	-.596	.146	-.146	-1.335
260	115	-.434	.094	-.071	-.914
260	116	-.425	.101	-.036	-1.043
260	117	-.484	.128	.032	-1.255
260	118	-.621	.174	-.124	-1.578
260	119	-.758	.222	-.292	-1.936
260	120	-.754	.227	-.317	-2.250
260	121	-.342	.064	-.132	-.969
260	122	-.337	.059	-.091	-.593
260	123	-.345	.064	-.061	-.605
260	124	-.361	.075	-.028	-.679
260	125	-.417	.090	.054	-.904
260	126	-.483	.101	-.174	-1.120
260	127	-.494	.102	-.212	-1.145
260	128	-.261	.037	-.056	-.465
260	129	-.252	.031	-.134	-.385
260	130	-.260	.034	-.139	-.410
260	131	-.295	.040	-.100	-.479
260	132	-.325	.051	-.143	-.598
260	133	-.341	.061	-.166	-.717
260	134	-.357	.064	-.166	-.672
260	135	-.202	.028	-.069	-.300
260	136	-.206	.027	-.086	-.297
260	137	-.200	.027	-.072	-.289
260	138	-.218	.025	-.110	-.302
260	139	-.233	.027	-.129	-.349
260	140	-.250	.028	-.155	-.387
260	141	-.265	.034	-.154	-.433
260	142	-.284	.039	-.166	-.495
260	143	-.260	.034	-.141	-.381
260	144	-.281	.043	-.133	-.491
260	145	-.326	.059	-.110	-.613
260	150	-.509	.098	-.165	-1.052
260	151	-.616	.131	-.128	-1.121
260	200	-.605	.105	-.252	-1.004
260	201	-.344	.078	-.065	-.663
260	202	-.209	.087	.116	-.612
260	203	-.150	.101	.183	-.680
260	204	-.155	.125	.177	-.877
260	205	-.482	.189	.225	-1.141
260	206	.220	.228	.958	-.661
260	207	.314	.258	.988	-.784
260	208	.145	.212	.878	-.847
260	209	-.331	.193	.186	-1.053
260	210	.059	.155	.555	-.477
260	211	.169	.192	.861	-.708
260	212	.262	.217	1.010	-.477
260	213	.281	.206	.973	-.492
260	214	.245	.178	.830	-.368
260	215	.299	.208	1.049	-.358
260	216	.303	.216	.835	-.554
260	217	.257	.179	.830	-.260
260	218	.276	.207	.848	-.510
260	219	.279	.226	.979	-.455
260	220	-.646	.118	-.259	-1.257
260	221	-.430	.108	.015	-.878
260	222	-.285	.127	.269	-.684
260	223	-.171	.114	.276	-.648
260	224	-.323	.336	.399	-1.587
260	225	-.323	.260	.591	-1.247
260	226	.068	.227	.765	-.645
260	227	.256	.251	.905	-.906
260	228	.061	.197	.843	-.687
260	229	.196	.188	.943	-.363
260	230	.179	.101	.486	-.049
260	231	.181	.175	.965	-.409
260	232	.177	.184	.928	-.349
260	233	.187	.174	.905	-.269
260	234	.172	.170	.893	-.277
260	235	.115	.167	.770	-.364
260	236	.043	.167	.590	-.489
260	237	.262	.186	1.018	-.342
260	238	-.548	.116	-.100	-1.132
260	239	-.448	.107	-.008	-.968
260	240	-.378	.117	.191	-.910
260	241	-.365	.167	.268	-1.313
260	242	-.450	.252	.365	-1.771
260	243	-.725	.272	.280	-1.590
260	244	-.249	.155	.473	-1.078
260	245	-.282	.248	.578	-1.706
260	246	-.105	.133	.465	-.862
260	247	.008	.093	.636	-.339
260	248	.017	.098	.464	-.348
260	249	.036	.100	.478	-.257
260	250	.043	.099	.465	-.232
260	251	.042	.111	.586	-.282
260	252	.023	.110	.623	-.411
260	253	-.022	.124	.641	-.511

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	254	-.083	.119	.524	-.592
260	255	.103	.175	.825	-.487
260	256	-.458	.067	-.227	-.794
260	257	-.416	.071	-.147	-.817
260	258	-.403	.091	-.118	-.940
260	259	-.457	.141	.029	-1.219
260	260	-.576	.155	.040	-1.187
260	261	-.816	.197	-.304	-1.808
260	262	-.490	.117	-.140	-1.235
260	263	-.435	.190	.117	-1.265
260	264	-.171	.135	.472	-.641
260	265	-.018	.106	.569	-.506
260	266	.015	.111	.525	-.276
260	267	.036	.119	.678	-.296
260	268	.056	.096	.593	-.241
260	269	.035	.133	.660	-.398
260	270	.017	.131	.646	-.448
260	271	-.026	.144	.595	-.530
260	272	-.109	.114	.543	-.457
260	273	-.062	.181	.726	-.796
260	274	-.352	.061	-.096	-.649
260	275	-.342	.069	-.127	-.630
260	276	-.356	.070	-.103	-.734
260	277	-.441	.107	-.134	-.999
260	278	-.494	.119	-.187	-1.195
260	279	-.544	.122	-.201	-1.195
260	280	-.377	.074	-.118	-.694
260	281	-.388	.105	.039	-.954
260	282	-.182	.127	.386	-.675
260	283	-.058	.084	.305	-.416
260	284	-.034	.090	.361	-.452
260	285	-.001	.084	.397	-.364
260	286	.015	.095	.438	-.372
260	287	.034	.104	.602	-.334
260	288	.036	.110	.614	-.354
260	289	.034	.094	.493	-.382
260	290	.018	.134	.595	-.444
260	291	-.036	.134	.625	-.504
260	292	-.059	.164	.685	-.872
260	293	.061	.151	.768	-.461
260	294	-.123	.150	.538	-.710
260	295	.054	.097	.702	-.306
260	296	.033	.100	.578	-.391
260	297	.030	.093	.533	-.585
260	298	-.267	.033	-.146	-.408
260	299	-.215	.036	-.040	-.371
260	300	-.210	.054	.075	-.430
260	301	-.259	.081	-.026	-.618
260	302	-.312	.088	.000	-.663
260	303	-.336	.098	-.015	-.818
260	304	-.256	.088	.014	-.784
260	305	-.339	.110	-.045	-.964
260	306	-.208	.059	.015	-.445
260	307	-.046	.048	.198	-.190
260	308	-.023	.059	.260	-.220
260	309	-.039	.075	.362	-.401
260	310	-.063	.081	.368	-.423
260	311	-.075	.070	.214	-.354
260	312	-.215	.047	-.002	-.433
260	313	-.173	.045	-.005	-.389
260	314	-.214	.064	.023	-.458
260	315	-.057	.055	.224	-.245
260	316	-.051	.054	.223	-.236
260	320	-.409	.228	.362	-1.217
260	321	.287	.179	.821	-.388
260	322	.466	.173	1.056	-.181
260	323	.365	.153	.844	-.181
260	400	-.245	.200	.320	-1.044
260	401	-.077	.161	.320	-.875
260	402	-.057	.121	.346	-.535
260	403	-.047	.122	.391	-.442
260	404	-.039	.128	.559	-.498
260	405	-.215	.120	.153	-.779
260	406	-.620	.160	-.280	-1.990
260	407	-.491	.141	-.107	-1.122
260	408	-.450	.133	-.014	-1.391
260	409	-.455	.151	-.020	-1.638
260	410	-.463	.180	-.038	-1.764
260	411	-.462	.172	-.022	-1.413
260	412	-.451	.166	.054	-1.426
260	413	-.450	.164	-.002	-1.567
260	414	.227	.209	1.026	-.477
260	415	.248	.208	.894	-.587
260	416	.219	.223	.962	-.886
260	417	.227	.219	.905	-1.120
260	418	.255	.200	.820	-.576
260	419	.209	.198	.792	-.617
260	420	.179	.170	.867	-.576
260	421	.218	.181	.892	-.625
260	422	.201	.176	.798	-.415
260	423	.213	.174	1.006	-.333
260	424	.212	.173	.828	-.334
260	425	.212	.172	.760	-.264
260	426	.188	.166	.726	-.338
260	427	.160	.162	.765	-.338
260	428	.088	.157	.689	-.437
260	429	-.256	.157	.292	-.808
260	430	-.537	.152	-.176	-1.506
260	431	-.514	.187	-.010	-1.510
260	432	-.456	.144	-.041	-1.223
260	433	-.455	.139	-.048	-1.323
260	434	-.469	.093	-.224	-1.182
260	435	-.465	.132	-.109	-1.095
260	436	-.482	.133	-.158	-1.174
260	437	-.498	.154	-.142	-1.318
260	438	.001	.112	.476	-.519
260	439	.011	.099	.446	-.278
260	440	.017	.099	.452	-.300
260	441	.033	.099	.516	-.267
260	442	.042	.100	.506	-.229
260	443	.036	.100	.488	-.298
260	444	.020	.107	.555	-.439
260	445	.001	.111	.483	-.538
260	446	-.075	.113	.387	-.492
260	447	-.349	.155	.297	-.978
260	448	-.669	.211	-.182	-1.830
260	449	-.526	.157	-.046	-1.301
260	450	-.504	.145	-.063	-1.341
260	451	-.506	.147	-.082	-1.344
260	452	-.509	.145	-.036	-1.406
260	453	-.497	.144	.079	-1.308
260	454	-.499	.138	-.049	-1.153
260	455	-.518	.162	-.052	-1.722
260	456	-.008	.132	.752	-.461
260	457	.004	.113	.770	-.348
260	458	.019	.111	.719	-.412
260	459	.026	.109	.687	-.360
260	460	.009	.110	.540	-.295
260	461	.016	.108	.488	-.282
260	462	-.007	.114	.570	-.306
260	463	-.031	.116	.568	-.403
260	464	-.119	.121	.522	-.638
260	465	-.450	.170	.218	-1.274
260	466	-.839	.210	-.158	-1.759
260	467	-.512	.123	-.108	-1.098
260	468	-.610	.141	-.199	-1.319
260	469	-.627	.135	-.211	-1.398
260	470	-.623	.149	-.213	-1.685
260	471	-.508	.120	-.182	-1.511
260	472	-.482	.115	-.147	-1.057
260	473	-.513	.127	-.114	-1.186
260	474	-.076	.108	.490	-.514
260	475	-.050	.085	.472	-.419
260	476	-.011	.090	.453	-.389
260	477	-.011	.091	.438	-.364
260	478	-.018	.097	.535	-.407
260	479	.019	.092	.596	-.318
260	480	.020	.097	.455	-.412
260	481	-.013	.114	.452	-.483
260	482	-.121	.130	.388	-.849

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	483	-.370	.127	.235	-1.207
260	484	-.884	.186	-.212	-1.659
260	485	-.571	.134	-.098	-1.165
260	486	-.622	.128	-.279	-1.484
260	487	-.557	.118	-.253	-1.214
260	488	-.530	.114	-.184	-1.082
260	489	-.494	.098	-.123	-.998
260	490	-.484	.088	-.180	-1.017
260	491	-.422	.074	-.145	-.815
260	492	-.047	.063	.337	-.210
260	493	-.030	.055	.256	-.207
260	494	-.034	.070	.420	-.248
260	495	-.577	.114	-.219	-1.152
260	496	-.484	.114	-.147	-.989
260	497	-.588	.139	-.208	-1.398
260	498	-.530	.102	-.156	-1.012
260	499	-.483	.087	-.207	-.969
260	500	-.335	.083	-.011	-.757
260	501	-.259	.074	.032	-.629
260	502	-.316	.060	-.095	-.696
260	510	-.185	.125	.263	-.961
260	511	-.585	.155	-.280	-1.657
260	512	-.539	.117	-.189	-1.152
260	513	-.465	.092	-.186	-.887
260	600	-.410	.124	-.045	-1.032
260	601	-.404	.110	-.007	-.944
260	602	-.392	.077	-.125	-.747
260	603	-.440	.070	-.212	-.820
260	604	-.365	.071	-.159	-.652
260	605	-.373	.069	-.133	-.722
260	606	-.378	.073	-.061	-.742
260	607	-.443	.094	-.166	-1.031
260	608	-.427	.079	-.190	-.861
260	609	-.420	.060	-.231	-.713
260	610	-.430	.061	-.277	-.715
260	611	-.430	.078	-.245	-.915
260	612	-.439	.104	-.168	-1.369
260	613	-.456	.131	-.102	-1.885
260	614	-.494	.127	-.133	-1.105
260	615	-.450	.103	-.134	-.956
260	616	-.430	.075	-.185	-.982
260	617	-.506	.086	-.203	-.887
260	618	-.454	.097	-.193	-1.215
260	619	-.508	.148	-.240	-1.675
260	620	-.504	.153	-.183	-1.806
260	621	-.484	.116	-.132	-1.369
260	622	-.467	.110	.088	-2.495
260	623	-.435	.081	-.190	-1.172
260	624	-.383	.054	-.180	-.869
260	625	-.416	.068	-.164	-1.080
260	626	-.358	.078	-.168	-1.449
260	627	-.364	.067	-.038	-1.020
260	628	-.445	.085	-.193	-.978
260	629	-.403	.077	-.117	-.954
260	630	-.340	.047	-.168	-.529
260	631	-.317	.041	-.172	-.517
260	632	-.300	.036	-.160	-.484
260	633	-.268	.031	-.139	-.397
260	634	-.283	.046	-.113	-.613
260	635	-.384	.083	-.178	-.911
260	636	-.329	.059	-.163	-.625
260	637	-.335	.051	-.168	-.536
260	638	-.400	.055	-.197	-.618
260	639	-.353	.046	-.161	-.510
260	640	-.315	.076	.118	-.581
260	641	-.255	.051	-.038	-.434
260	642	-.243	.048	-.006	-.420
260	643	-.254	.046	-.057	-.425
260	644	-.258	.042	-.071	-.388
260	645	-.248	.041	-.061	-.419
260	646	-.229	.039	-.056	-.368
260	647	-.218	.037	-.072	-.380
260	648	-.204	.033	-.031	-.324
260	650	-.454	.071	-.209	-.744
260	651	-.474	.077	-.220	-.803
260	900	-.174	.125	.272	-.671
260	901	-.536	.115	-.143	-1.013
260	902	-.295	.069	-.022	-.615
260	903	-.225	.103	.203	-.551
260	904	-.324	.072	-.070	-.748
260	905	-.513	.140	-.108	-1.149
260	906	-.636	.142	-.144	-1.153
260	907	-.621	.139	-.125	-1.621
260	908	-.250	.126	.022	-.877
260	909	-.620	.128	-.323	-1.353
260	910	-.685	.164	-.239	-1.734
260	911	-.515	.114	-.035	-1.057
260	912	-.311	.048	-.096	-.544
260	913	-.212	.050	.018	-.376
260	914	.291	.124	.655	-.174
260	915	.262	.139	.712	-.265
260	916	-.222	.078	.080	-.554
260	917	-.851	.174	-.134	-1.400
260	918	-1.283	.318	-.205	-2.335
260	919	-.298	.092	.080	-.605
260	920	-1.152	.241	-.366	-2.221
270	100	-.377	.077	-.087	-.765
270	101	-.502	.100	-.170	-1.074
270	102	-.464	.119	-.014	-1.200
270	103	-.557	.136	-.058	-1.232
270	104	-.730	.164	-.067	-1.316
270	105	-.766	.157	-.200	-1.291
270	106	-1.249	.248	-.533	-2.354
270	107	-.390	.098	-.065	-.986
270	108	-.417	.135	.008	-1.321
270	109	-.503	.182	.017	-1.467
270	110	-.713	.236	-.041	-1.544
270	111	-.903	.221	-.133	-1.777
270	112	-.925	.169	-.234	-1.910
270	113	-.893	.150	-.457	-1.859
270	114	-.494	.115	-.039	-1.223
270	115	-.394	.112	.014	-1.122
270	116	-.407	.145	.135	-1.210
270	117	-.529	.228	.025	-1.665
270	118	-.737	.274	-.082	-2.010
270	119	-.954	.253	-.138	-2.314
270	120	-.962	.234	-.379	-2.347
270	121	-.382	.093	-.041	-.830
270	122	-.337	.067	-.096	-.623
270	123	-.316	.069	-.061	-.718
270	124	-.337	.090	-.007	-.835
270	125	-.418	.139	-.019	-1.282
270	126	-.614	.204	-.123	-1.714
270	127	-.685	.209	-.213	-1.792
270	128	-.248	.031	-.137	-.394
270	129	-.247	.040	-.077	-.452
270	130	-.245	.042	-.072	-.471
270	131	-.261	.046	-.043	-.488
270	132	-.273	.057	-.064	-.733
270	133	-.309	.075	-.031	-.917
270	134	-.323	.078	-.065	-1.077
270	135	-.215	.027	-.087	-.320
270	136	-.209	.026	-.108	-.313
270	137	-.209	.025	-.077	-.289
270	138	-.214	.025	-.089	-.292
270	139	-.230	.025	-.139	-.328
270	140	-.215	.034	-.046	-.333
270	141	-.222	.040	-.016	-.333
270	142	-.226	.042	-.036	-.353
270	143	-.219	.037	-.010	-.373
270	144	-.220	.039	-.041	-.366
270	145	-.286	.048	-.142	-.537
270	150	-.442	.076	-.209	-.755
270	151	-.481	.096	-.115	-.967
270	200	-.445	.086	.023	-.750
270	201	-.262	.076	.214	-.652
270	202	-.145	.082	.237	-.631
270	203	-.057	.095	.527	-.493
270	204	-.015	.094	.318	-.388
270	205	-.084	.180	.411	-.759

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	206	.310	.190	.875	-.516
270	207	.345	.179	.927	-.495
270	208	.015	.138	.487	-.643
270	209	-.536	.151	.005	-1.240
270	210	.081	.165	.683	-.514
270	211	.205	.194	.761	-.549
270	212	.220	.213	.804	-.624
270	213	.135	.218	.772	-.576
270	214	.251	.182	.791	-.411
270	215	.240	.205	.813	-.446
270	216	.197	.188	.821	-.437
270	217	.212	.171	.739	-.298
270	218	.152	.184	.733	-.514
270	219	.238	.175	.899	-.416
270	220	-.488	.092	-.117	-.932
270	221	-.317	.085	.063	-.756
270	222	-.138	.102	.273	-.746
270	223	.009	.101	.605	-.496
270	224	.100	.142	.662	-.833
270	225	.124	.191	.827	-.686
270	226	.359	.189	.951	-.505
270	227	.456	.192	1.067	-.374
270	228	.146	.192	.721	-.984
270	229	.305	.214	.983	-.443
270	230	.077	.076	.376	-.154
270	231	.101	.124	.663	-.285
270	232	.119	.116	.737	-.277
270	233	.057	.115	.620	-.450
270	234	.027	.117	.577	-.351
270	235	-.023	.116	.541	-.390
270	236	-.041	.113	.496	-.368
270	237	.144	.168	.937	-.558
270	238	-.547	.128	-.075	-1.114
270	239	-.380	.116	.019	-.996
270	240	-.225	.116	.202	-.688
270	241	-.125	.152	.419	-.590
270	242	-.079	.193	.512	-1.050
270	243	-.269	.250	.554	-1.039
270	244	.076	.199	.936	-.454
270	245	.081	.209	.833	-.602
270	246	.014	.175	.640	-.661
270	247	.104	.160	.805	-.326
270	248	.003	.121	.774	-.483
270	249	.002	.104	.571	-.354
270	250	-.003	.093	.520	-.340
270	251	-.019	.091	.512	-.343
270	252	-.035	.090	.439	-.311
270	253	-.075	.098	.528	-.451
270	254	-.152	.083	.243	-.457
270	255	-.022	.145	.619	-.445

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	256	-.478	.107	-.102	-1.055
270	257	-.387	.090	.079	-.700
270	258	-.339	.088	.060	-.670
270	259	-.321	.105	.196	-.886
270	260	-.388	.161	.157	-1.122
270	261	-.528	.150	.231	-1.153
270	262	-.349	.106	.246	-.897
270	263	-.309	.156	.159	-1.141
270	264	-.174	.100	.221	-.668
270	265	-.076	.086	.357	-.577
270	266	-.061	.091	.330	-.466
270	267	-.042	.095	.394	-.375
270	268	-.019	.085	.464	-.303
270	269	-.027	.109	.547	-.341
270	270	-.035	.117	.596	-.427
270	271	-.068	.129	.614	-.557
270	272	-.169	.099	.339	-.502
270	273	-.087	.163	.613	-.557
270	274	-.306	.053	-.123	-.574
270	275	-.295	.051	-.066	-.542
270	276	-.302	.054	-.124	-.529
270	277	-.321	.064	-.111	-.673
270	278	-.347	.073	-.118	-.688
270	279	-.418	.085	-.181	-.909
270	280	-.317	.057	-.110	-.574
270	281	-.331	.079	-.057	-.699
270	282	-.233	.086	.135	-.676
270	283	-.137	.064	.241	-.427
270	284	-.122	.070	.313	-.423
270	285	-.066	.070	.279	-.332
270	286	-.069	.082	.483	-.365
270	287	-.053	.091	.482	-.413
270	288	-.048	.099	.502	-.365
270	289	-.023	.085	.420	-.487
270	290	-.039	.127	.640	-.560
270	291	-.069	.127	.596	-.548
270	292	-.102	.152	.674	-.678
270	293	.005	.133	.647	-.509
270	294	-.140	.133	.391	-.774
270	295	-.023	.084	.509	-.278
270	296	-.032	.100	.823	-.377
270	297	-.036	.093	.500	-.516
270	298	-.218	.036	-.040	-.412
270	299	-.192	.037	.060	-.352
270	300	-.195	.043	.073	-.534
270	301	-.206	.052	.062	-.433
270	302	-.257	.064	-.035	-.574
270	303	-.233	.062	.022	-.506
270	304	-.220	.071	-.049	-.741
270	305	-.260	.085	-.051	-.855

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	306	-.190	.047	-.022	-.389
270	307	-.094	.040	.105	-.230
270	308	-.087	.048	.186	-.217
270	309	-.107	.065	.401	-.355
270	310	-.127	.079	.241	-.488
270	311	-.146	.072	.191	-.534
270	312	-.184	.039	-.019	-.428
270	313	-.172	.042	.037	-.368
270	314	-.200	.055	.038	-.512
270	315	-.106	.042	.088	-.269
270	316	-.097	.041	.096	-.249
270	320	.044	.192	.656	-.684
270	321	.449	.172	1.090	-.427
270	322	.494	.157	.957	-.085
270	323	.174	.134	.582	-.371
270	400	-.387	.158	.119	-1.152
270	401	-.303	.151	.198	-.995
270	402	-.090	.167	.424	-.708
270	403	-.031	.134	.412	-.602
270	404	-.041	.124	.554	-.601
270	405	-.368	.145	.100	-1.250
270	406	-.508	.088	-.223	-1.230
270	407	-.481	.130	-.034	-1.174
270	408	-.432	.118	-.064	-1.107
270	409	-.429	.126	-.049	-1.224
270	410	-.435	.138	-.031	-1.305
270	411	-.438	.129	-.046	-1.212
270	412	-.424	.119	.022	-1.162
270	413	-.426	.122	.010	-1.035
270	414	.068	.157	.938	-.626
270	415	.066	.150	.595	-.708
270	416	.039	.176	.716	-.899
270	417	.011	.180	.668	-.886
270	418	.052	.166	.766	-.575
270	419	-.008	.175	.587	-.757
270	420	.105	.143	.594	-.457
270	421	.149	.152	.817	-.333
270	422	.067	.127	.504	-.453
270	423	.094	.125	.556	-.292
270	424	.049	.114	.517	-.347
270	425	.046	.110	.549	-.300
270	426	.002	.107	.491	-.315
270	427	-.029	.106	.444	-.355
270	428	-.075	.110	.407	-.464
270	429	-.308	.117	.216	-.891
270	430	-.467	.087	-.263	-1.295
270	431	-.453	.137	-.095	-1.315
270	432	-.425	.124	-.091	-1.186
270	433	-.419	.119	-.109	-1.343
270	434	-.449	.072	-.203	-.997

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	435	-.429	.093	-.170	-.881
270	436	-.438	.085	-.198	-.978
270	437	-.444	.095	-.208	-.978
270	438	-.004	.119	.564	-.390
270	439	.017	.124	.639	-.326
270	440	-.034	.102	.448	-.478
270	441	-.015	.095	.459	-.387
270	442	-.031	.087	.489	-.339
270	443	-.038	.085	.405	-.375
270	444	-.067	.079	.354	-.406
270	445	-.080	.082	.440	-.390
270	446	-.143	.088	.268	-.567
270	447	-.353	.125	.193	-.998
270	448	-.586	.155	-.242	-1.684
270	449	-.482	.146	-.082	-1.646
270	450	-.457	.133	-.072	-1.373
270	451	-.459	.135	-.092	-1.502
270	452	-.473	.124	-.124	-1.131
270	453	-.469	.116	-.179	-1.010
270	454	-.484	.116	-.167	-1.145
270	455	-.508	.138	-.177	-1.427
270	456	-.067	.109	.450	-.480
270	457	-.041	.100	.445	-.367
270	458	-.036	.098	.428	-.460
270	459	-.029	.095	.444	-.426
270	460	-.039	.099	.472	-.315
270	461	-.026	.098	.492	-.377
270	462	-.045	.104	.520	-.441
270	463	-.065	.109	.473	-.418
270	464	-.127	.122	.415	-.621
270	465	-.338	.153	.365	-1.311
270	466	-.766	.184	-.181	-1.558
270	467	-.518	.124	-.104	-1.187
270	468	-.605	.145	-.242	-1.526
270	469	-.610	.147	-.234	-1.709
270	470	-.607	.156	-.138	-1.667
270	471	-.492	.115	-.156	-1.219
270	472	-.492	.107	-.161	-1.082
270	473	-.496	.120	-.179	-1.302
270	474	-.082	.083	.300	-.402
270	475	-.119	.070	.229	-.422
270	476	-.103	.079	.345	-.442
270	477	-.074	.088	.427	-.324
270	478	-.028	.089	.348	-.280
270	479	-.040	.091	.321	-.336
270	480	-.041	.099	.369	-.341
270	481	-.033	.103	.401	-.385
270	482	-.059	.107	.484	-.437
270	483	-.319	.128	.430	-1.197
270	484	-.862	.180	-.290	-1.626
270	485	-.512	.119	-.158	-1.167
270	486	-.530	.115	-.234	-1.101
270	487	-.551	.117	-.194	-1.091
270	488	-.535	.115	-.132	-1.276
270	489	-.445	.090	-.109	-.827
270	490	-.361	.072	-.098	-.788
270	491	-.376	.063	-.187	-.766
270	492	-.112	.049	.186	-.260
270	493	-.082	.041	.158	-.200
270	494	-.081	.054	.317	-.235
270	495	-.440	.091	-.170	-.836
270	496	-.440	.096	-.134	-.842
270	497	-.589	.135	-.221	-1.360
270	498	-.466	.091	-.189	-.862
270	499	-.331	.074	-.060	-.738
270	500	-.258	.064	-.013	-.550
270	501	-.223	.058	.052	-.480
270	502	-.250	.045	-.074	-.455
270	510	-.355	.164	.140	-1.365
270	511	-.505	.078	-.265	-1.091
270	512	-.483	.078	-.214	-1.011
270	513	-.447	.071	-.210	-.789
270	600	-.409	.097	-.046	-.954
270	601	-.399	.081	-.106	-.757
270	602	-.373	.062	-.151	-.663
270	603	-.420	.066	-.203	-.732
270	604	-.354	.058	-.187	-.576
270	605	-.365	.060	-.202	-.616
270	606	-.360	.065	-.191	-.623
270	607	-.427	.067	-.238	-.786
270	608	-.411	.059	-.241	-.691
270	609	-.407	.050	-.255	-.729
270	610	-.402	.053	-.236	-.680
270	611	-.402	.062	-.231	-.740
270	612	-.399	.078	-.195	-.769
270	613	-.419	.119	-.079	-1.794
270	614	-.477	.093	-.161	-.928
270	615	-.448	.078	-.165	-1.025
270	616	-.425	.064	-.129	-.752
270	617	-.516	.093	-.263	-.982
270	618	-.446	.089	-.216	-1.084
270	619	-.429	.095	-.173	-.978
270	620	-.425	.099	-.094	-1.049
270	621	-.508	.117	-.199	-1.160
270	622	-.485	.098	-.147	-1.137
270	623	-.429	.072	-.198	-.853
270	624	-.389	.061	-.109	-.740
270	625	-.464	.119	-.090	-1.293
270	626	-.446	.149	-.126	-1.255
270	627	-.441	.154	.012	-1.628
270	628	-.435	.088	-.056	-.945
270	629	-.402	.083	-.138	-.903
270	630	-.300	.043	-.129	-.502
270	631	-.287	.039	-.151	-.491
270	632	-.267	.037	-.108	-.406
270	633	-.261	.044	-.087	-.613
270	634	-.269	.040	-.136	-.539
270	635	-.320	.062	-.146	-.656
270	636	-.287	.047	-.131	-.502
270	637	-.288	.044	-.136	-.462
270	638	-.344	.052	-.162	-.538
270	639	-.307	.043	-.151	-.496
270	640	-.295	.059	-.031	-.536
270	641	-.238	.043	-.010	-.385
270	642	-.233	.040	-.062	-.383
270	643	-.243	.039	-.073	-.380
270	644	-.247	.034	-.117	-.370
270	645	-.233	.034	-.117	-.350
270	646	-.223	.032	-.084	-.385
270	647	-.216	.031	-.092	-.358
270	648	-.206	.029	-.100	-.332
270	650	-.421	.059	-.263	-.656
270	651	-.443	.063	-.245	-.718
270	900	-.130	.096	.261	-.417
270	901	-.498	.098	.040	-1.004
270	902	-.258	.051	-.082	-.464
270	903	-.212	.083	.154	-.456
270	904	-.264	.048	-.045	-.433
270	905	-.422	.081	-.131	-.831
270	906	-.661	.145	-.137	-1.199
270	907	-.593	.147	.005	-1.365
270	908	-.422	.128	.013	-.916
270	909	-.580	.118	-.263	-1.377
270	910	-.631	.154	-.090	-1.315
270	911	-.480	.101	-.122	-.989
270	912	-.249	.052	.015	-.548
270	913	-.221	.040	-.037	-.382
270	914	.226	.120	.582	-.325
270	915	.228	.132	.652	-.298
270	916	-.217	.054	-.010	-.506
270	917	-.897	.156	-.352	-1.526
270	918	-.672	.268	-.002	-1.854
270	919	-.255	.070	-.007	-.546
270	920	-1.218	.234	-.371	-2.004
280	100	-.319	.074	-.093	-.645
280	101	-.375	.131	.213	-.971
280	102	-.339	.127	.115	-.914
280	103	-.383	.150	.173	-1.001
280	104	-.455	.187	.327	-1.154
280	105	-.410	.255	.137	-1.507

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	106	-.694	.470	.124	-3.093
280	107	-.315	.203	.296	-1.370
280	108	-.339	.294	.450	-2.340
280	109	-.317	.095	-.002	-1.092
280	110	-.380	.172	.004	-1.463
280	111	-.553	.256	.019	-1.875
280	112	-.728	.234	.107	-2.090
280	113	-.754	.189	.068	-1.549
280	114	-.403	.082	-.070	-.771
280	115	-.311	.076	-.042	-.832
280	116	-.304	.093	-.016	-1.013
280	117	-.349	.148	-.004	-1.445
280	118	-.516	.222	.051	-1.470
280	119	-.657	.199	.064	-1.769
280	120	-.672	.179	-.014	-1.613
280	121	-.301	.081	-.030	-.672
280	122	-.269	.056	-.072	-.578
280	123	-.247	.057	-.049	-.586
280	124	-.264	.078	-.004	-.784
280	125	-.325	.124	.067	-1.289
280	126	-.460	.170	-.049	-1.439
280	127	-.495	.159	-.134	-1.234
280	128	-.205	.034	-.085	-.378
280	129	-.209	.032	-.089	-.354
280	130	-.202	.034	-.082	-.389
280	131	-.209	.039	-.040	-.433
280	132	-.213	.047	-.047	-.488
280	133	-.250	.063	-.047	-.689
280	134	-.263	.065	-.061	-.680
280	135	-.187	.029	-.086	-.284
280	136	-.183	.032	-.078	-.357
280	137	-.181	.027	-.084	-.262
280	138	-.177	.026	-.075	-.261
280	139	-.180	.025	-.090	-.262
280	140	-.154	.034	-.011	-.324
280	141	-.156	.038	-.009	-.380
280	142	-.156	.039	-.006	-.358
280	143	-.160	.040	.030	-.380
280	144	-.155	.041	.025	-.398
280	145	-.208	.044	-.065	-.415
280	150	-.362	.079	-.060	-.650
280	151	-.360	.106	.120	-.793
280	200	-.257	.153	.385	-.742
280	201	-.132	.154	.546	-.567
280	202	-.062	.163	.647	-.564
280	203	.002	.168	.803	-.519
280	204	.047	.193	.985	-.536
280	205	.018	.254	.967	-.972
280	206	.236	.226	.989	-.566
280	207	.236	.226	.972	-.544

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	208	-.011	.144	.447	-.859
280	209	-.281	.169	.147	-.915
280	210	.041	.147	.598	-.453
280	211	.188	.184	.796	-.537
280	212	.230	.174	.778	-.487
280	213	.110	.162	.645	-.491
280	214	.178	.174	.885	-.396
280	215	.218	.185	.835	-.355
280	216	.193	.159	.665	-.432
280	217	.159	.156	.707	-.362
280	218	.128	.159	.586	-.552
280	219	.157	.182	.995	-.710
280	220	-.385	.120	.121	-.769
280	221	-.277	.102	.232	-.597
280	222	-.167	.096	.315	-.533
280	223	-.064	.097	.435	-.449
280	224	-.030	.147	.546	-.977
280	225	-.089	.201	.599	-.881
280	226	.133	.183	.740	-.521
280	227	.227	.214	.888	-.558
280	228	.205	.188	.881	-.533
280	229	.268	.214	1.051	-.304
280	230	.118	.083	.398	-.128
280	231	.131	.144	.712	-.419
280	232	.153	.133	.649	-.352
280	233	.076	.125	.714	-.369
280	234	.034	.121	.676	-.307
280	235	-.025	.101	.502	-.357
280	236	-.037	.087	.541	-.340
280	237	.094	.183	.792	-.498
280	238	-.407	.105	.012	-.934
280	239	-.311	.083	-.001	-.649
280	240	-.210	.088	.142	-.474
280	241	-.136	.115	.311	-.544
280	242	-.107	.171	.501	-1.015
280	243	-.301	.210	.480	-1.399
280	244	.058	.185	.809	-.450
280	245	.091	.216	.844	-.793
280	246	.068	.185	.789	-.670
280	247	.129	.180	.883	-.304
280	248	.019	.144	.837	-.376
280	249	.015	.129	.585	-.633
280	250	.008	.118	.535	-.546
280	251	-.008	.120	.667	-.389
280	252	-.013	.120	.575	-.381
280	253	-.050	.126	.520	-.481
280	254	-.146	.097	.322	-.544
280	255	-.015	.169	.764	-.478
280	256	-.349	.091	-.047	-.736
280	257	-.292	.073	.040	-.583

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	258	-.260	.069	.054	-.559
280	259	-.249	.084	.158	-.740
280	260	-.293	.131	.138	-1.023
280	261	-.435	.142	.084	-.995
280	262	-.300	.095	.052	-.675
280	263	-.230	.134	.540	-.878
280	264	-.169	.102	.310	-.757
280	265	-.102	.093	.378	-.420
280	266	-.106	.081	.299	-.398
280	267	-.090	.084	.425	-.384
280	268	-.050	.081	.411	-.306
280	269	-.073	.091	.381	-.408
280	270	-.069	.105	.475	-.379
280	271	-.091	.115	.460	-.417
280	272	-.150	.109	.578	-.545
280	273	-.101	.149	.534	-.527
280	274	-.247	.047	-.050	-.612
280	275	-.245	.043	-.075	-.461
280	276	-.240	.046	-.012	-.555
280	277	-.264	.050	-.093	-.593
280	278	-.280	.057	-.065	-.576
280	279	-.295	.066	-.097	-.657
280	280	-.273	.050	-.081	-.503
280	281	-.302	.065	-.044	-.651
280	282	-.240	.058	.007	-.542
280	283	-.166	.049	.078	-.357
280	284	-.155	.054	.196	-.364
280	285	-.105	.057	.364	-.289
280	286	-.110	.062	.225	-.396
280	287	-.105	.064	.380	-.333
280	288	-.101	.069	.395	-.315
280	289	-.056	.073	.316	-.354
280	290	-.092	.086	.412	-.442
280	291	-.111	.101	.385	-.497
280	292	-.140	.119	.435	-.596
280	293	-.037	.118	.545	-.517
280	294	-.154	.109	.427	-.629
280	295	-.067	.070	.323	-.307
280	296	-.075	.081	.423	-.329
280	297	-.067	.082	.322	-.457
280	298	-.168	.035	.051	-.297
280	299	-.151	.043	.071	-.274
280	300	-.154	.047	.146	-.287
280	301	-.162	.044	.049	-.324
280	302	-.201	.041	-.005	-.392
280	303	-.175	.043	.007	-.365
280	304	-.177	.052	.033	-.452
280	305	-.190	.054	-.006	-.471
280	306	-.158	.041	-.007	-.321
280	307	-.106	.035	.054	-.220

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	308	-.103	.042	.147	-.235
280	309	-.123	.057	.138	-.403
280	310	-.137	.069	.128	-.409
280	311	-.149	.067	.129	-.476
280	312	-.162	.037	.037	-.312
280	313	-.167	.043	.065	-.362
280	314	-.171	.049	.035	-.407
280	315	-.108	.042	.087	-.235
280	316	-.099	.042	.100	-.222
280	320	.034	.260	1.050	-1.084
280	321	.269	.246	1.038	-.635
280	322	.292	.244	1.015	-.592
280	323	.103	.183	.729	-.756
280	400	-.319	.153	.153	-1.113
280	401	-.215	.139	.186	-.963
280	402	-.047	.126	.398	-.616
280	403	-.040	.118	.413	-.605
280	404	-.044	.115	.437	-.606
280	405	-.358	.146	.235	-1.065
280	406	-.429	.103	-.113	-1.190
280	407	-.410	.106	.010	-1.070
280	408	-.378	.098	-.067	-.931
280	409	-.379	.102	-.070	-1.173
280	410	-.383	.110	-.011	-1.278
280	411	-.375	.093	-.042	-.900
280	412	-.362	.084	-.074	-.892
280	413	-.367	.088	-.056	-.948
280	414	.094	.147	.747	-.480
280	415	.085	.142	.583	-.758
280	416	.072	.171	.604	-.792
280	417	.029	.171	.531	-1.215
280	418	.041	.142	.463	-.795
280	419	-.026	.149	.474	-.826
280	420	.146	.160	.701	-.820
280	421	.183	.169	.919	-.633
280	422	.104	.135	.732	-.520
280	423	.127	.138	.825	-.447
280	424	.084	.130	.608	-.372
280	425	.070	.124	.664	-.315
280	426	.012	.112	.500	-.352
280	427	-.024	.104	.550	-.395
280	428	-.085	.093	.347	-.438
280	429	-.290	.080	.039	-.652
280	430	-.387	.083	-.088	-1.306
280	431	-.380	.091	-.045	-1.343
280	432	-.368	.084	-.053	-.906
280	433	-.366	.081	-.082	-.970
280	434	-.373	.060	-.203	-.788
280	435	-.380	.061	-.199	-.672
280	436	-.393	.065	-.230	-.813

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	437	-.401	.071	-.223	-.829
280	438	.062	.149	.723	-.418
280	439	.090	.157	.782	-.334
280	440	.018	.129	.631	-.414
280	441	.032	.120	.715	-.359
280	442	.000	.109	.505	-.333
280	443	-.010	.105	.417	-.348
280	444	-.060	.096	.324	-.382
280	445	-.077	.099	.308	-.458
280	446	-.135	.101	.283	-.508
280	447	-.307	.117	.138	-.852
280	448	-.470	.132	-.118	-1.362
280	449	-.431	.133	-.077	-1.290
280	450	-.411	.122	-.063	-1.223
280	451	-.412	.121	-.087	-1.042
280	452	-.431	.125	-.123	-1.367
280	453	-.433	.109	-.111	-1.176
280	454	-.454	.105	-.186	-1.091
280	455	-.471	.118	-.173	-1.170
280	456	-.115	.099	.359	-.631
280	457	-.083	.097	.575	-.473
280	458	-.083	.095	.406	-.390
280	459	-.073	.090	.427	-.336
280	460	-.084	.088	.326	-.377
280	461	-.070	.085	.357	-.327
280	462	-.086	.092	.349	-.378
280	463	-.100	.097	.363	-.438
280	464	-.169	.095	.464	-.574
280	465	-.328	.134	.234	-.997
280	466	-.663	.173	-.167	-1.562
280	467	-.530	.150	-.097	-1.544
280	468	-.535	.140	-.197	-1.533
280	469	-.530	.149	-.087	-2.894
280	470	-.528	.148	-.099	-2.087
280	471	-.484	.137	-.128	-1.410
280	472	-.491	.118	-.111	-1.061
280	473	-.472	.122	-.111	-1.045
280	474	-.117	.052	.156	-.310
280	475	-.151	.045	.079	-.334
280	476	-.160	.049	.103	-.387
280	477	-.136	.052	.222	-.316
280	478	-.077	.055	.284	-.276
280	479	-.104	.056	.188	-.306
280	480	-.115	.064	.296	-.368
280	481	-.107	.065	.325	-.368
280	482	-.103	.074	.323	-.482
280	483	-.310	.102	.072	-.950
280	484	-.681	.161	-.127	-1.298
280	485	-.417	.100	-.147	-.991
280	486	-.412	.110	-.067	-.992

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	487	-.449	.112	-.124	-1.320
280	488	-.445	.109	-.144	-.988
280	489	-.350	.083	-.054	-.785
280	490	-.260	.067	-.000	-.586
280	491	-.288	.061	-.094	-.639
280	492	-.119	.042	.082	-.232
280	493	-.094	.037	.078	-.220
280	494	-.098	.044	.229	-.223
280	495	-.336	.072	-.090	-.643
280	496	-.365	.084	-.045	-.791
280	497	-.473	.120	-.116	-1.259
280	498	-.385	.076	-.170	-.950
280	499	-.254	.059	-.007	-.650
280	500	-.214	.053	.153	-.482
280	501	-.204	.049	.023	-.408
280	502	-.213	.035	-.042	-.336
280	510	-.348	.173	.218	-1.145
280	511	-.414	.090	-.131	-1.231
280	512	-.391	.087	-.092	-.931
280	513	-.364	.075	-.108	-.802
280	600	-.349	.075	-.079	-.913
280	601	-.340	.065	-.098	-.689
280	602	-.318	.054	-.107	-.567
280	603	-.347	.053	-.135	-.676
280	604	-.312	.056	-.143	-.545
280	605	-.316	.059	-.149	-.550
280	606	-.307	.063	-.112	-.601
280	607	-.378	.049	-.226	-.699
280	608	-.368	.047	-.164	-.561
280	609	-.370	.049	-.198	-.633
280	610	-.365	.057	-.220	-.740
280	611	-.369	.061	-.219	-.734
280	612	-.360	.071	-.183	-1.195
280	613	-.361	.070	-.144	-.946
280	614	-.423	.087	-.182	-.911
280	615	-.400	.072	-.184	-.725
280	616	-.376	.058	-.153	-.656
280	617	-.427	.075	-.126	-.776
280	618	-.423	.104	-.170	-1.011
280	619	-.401	.109	-.114	-1.258
280	620	-.398	.113	-.070	-1.535
280	621	-.449	.101	-.075	-1.065
280	622	-.421	.085	-.184	-1.006
280	623	-.361	.067	-.071	-.680
280	624	-.326	.063	-.018	-.611
280	625	-.354	.087	-.125	-.955
280	626	-.361	.127	-.070	-1.202
280	627	-.354	.124	-.075	-1.223
280	628	-.303	.070	-.105	-.584
280	629	-.289	.066	-.089	-.614

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	630	-.234	.041	-.089	-.434
280	631	-.226	.037	-.019	-.468
280	632	-.217	.038	-.047	-.379
280	633	-.226	.043	-.108	-.491
280	634	-.225	.048	-.104	-.755
280	635	-.247	.050	-.089	-.446
280	636	-.225	.040	-.086	-.412
280	637	-.224	.038	-.068	-.366
280	638	-.250	.044	-.094	-.432
280	639	-.225	.036	-.047	-.376
280	640	-.238	.048	-.074	-.435
280	641	-.199	.035	-.027	-.300
280	642	-.195	.033	-.061	-.307
280	643	-.194	.032	-.064	-.300
280	644	-.198	.029	-.091	-.302
280	645	-.193	.031	-.065	-.317
280	646	-.189	.031	-.061	-.326
280	647	-.186	.032	-.078	-.367
280	648	-.184	.028	-.053	-.289
280	650	-.358	.057	-.171	-.560
280	651	-.373	.060	-.189	-.618
280	900	-.082	.114	.405	-.510
280	901	-.323	.119	.240	-.776
280	902	-.206	.046	-.025	-.411
280	903	-.187	.072	.233	-.443
280	904	-.193	.067	.030	-.601
280	905	-.310	.071	-.078	-.773
280	906	-.572	.135	-.087	-1.139
280	907	-.497	.167	.052	-1.348
280	908	-.275	.102	.079	-.854
280	909	-.519	.137	-.087	-1.322
280	910	-.559	.180	.057	-1.414
280	911	-.400	.094	.039	-.883
280	912	-.166	.083	.093	-.558
280	913	-.202	.044	.101	-.389
280	914	.140	.146	.641	-.356
280	915	.139	.167	.766	-.510
280	916	-.193	.045	.039	-.533
280	917	-.488	.189	.125	-1.577
280	918	-.290	.266	.391	-1.654
280	919	-.199	.043	-.037	-.439
280	920	-.557	.230	.274	-1.659
290	100	-.225	.068	.014	-.733
290	101	-.169	.108	.223	-1.004
290	102	-.155	.128	.244	-1.012
290	103	-.162	.145	.321	-1.033
290	104	-.187	.171	.249	-1.393
290	105	-.252	.182	.361	-1.476
290	106	-.557	.302	.410	-1.919
290	107	-.253	.048	-.056	-.535
290	108	-.225	.064	.096	-.553
290	109	-.201	.073	.107	-.473
290	110	-.190	.098	.158	-.778
290	111	-.262	.177	.194	-1.266
290	112	-.445	.257	.242	-1.447
290	113	-.534	.222	.284	-1.380
290	114	-.272	.058	-.026	-.636
290	115	-.225	.057	.122	-.456
290	116	-.214	.065	.175	-.537
290	117	-.218	.083	.200	-.636
290	118	-.269	.128	.123	-.999
290	119	-.356	.164	.208	-1.209
290	120	-.395	.150	.284	-1.172
290	121	-.272	.064	.039	-.595
290	122	-.223	.051	.030	-.468
290	123	-.189	.050	.141	-.425
290	124	-.186	.054	.097	-.459
290	125	-.195	.068	.110	-.692
290	126	-.252	.100	.068	-.889
290	127	-.267	.101	.110	-.841
290	128	-.223	.058	-.074	-.551
290	129	-.179	.036	-.058	-.349
290	130	-.154	.036	-.035	-.375
290	131	-.150	.037	.009	-.342
290	132	-.145	.035	-.015	-.369
290	133	-.166	.039	-.021	-.393
290	134	-.170	.042	.008	-.434
290	135	-.204	.038	-.093	-.421
290	136	-.198	.039	-.037	-.410
290	137	-.168	.028	-.028	-.285
290	138	-.134	.029	.058	-.283
290	139	-.133	.032	.029	-.411
290	140	-.118	.031	.062	-.206
290	141	-.128	.031	.024	-.216
290	142	-.127	.031	.027	-.226
290	143	-.141	.034	.056	-.277
290	144	-.130	.034	.074	-.259
290	145	-.141	.037	.056	-.297
290	150	-.228	.053	.039	-.579
290	151	-.181	.074	.148	-.558
290	200	.004	.178	.801	-.601
290	201	.116	.194	.903	-.455
290	202	.173	.214	1.019	-.544
290	203	.228	.215	1.027	-.391
290	204	.288	.245	1.020	-.842
290	205	.305	.271	1.098	-.772
290	206	.300	.271	1.137	-.923
290	207	.234	.222	.978	-.501
290	208	-.060	.178	.485	-1.039
290	209	-.145	.120	.216	-.720
290	210	-.033	.142	.535	-.982
290	211	.192	.211	.890	-.496
290	212	.212	.174	.842	-.297
290	213	.073	.155	.680	-.408
290	214	.082	.158	.696	-.539
290	215	.230	.195	.878	-.484
290	216	.177	.154	.681	-.326
290	217	.099	.161	.656	-.408
290	218	.131	.166	.760	-.457
290	219	.110	.230	.971	-.832
290	220	-.215	.148	.404	-.686
290	221	-.136	.136	.393	-.557
290	222	-.069	.134	.609	-.441
290	223	.061	.147	.625	-.356
290	224	.091	.157	.677	-.363
290	225	.037	.154	.719	-.539
290	226	.097	.178	.830	-.714
290	227	.072	.161	.790	-.355
290	228	-.031	.195	.524	-.836
290	229	.093	.217	.841	-.852
290	230	-.003	.082	.289	-.349
290	231	.007	.135	.662	-.587
290	232	.055	.125	.612	-.461
290	233	-.005	.114	.636	-.403
290	234	-.044	.115	.550	-.426
290	235	-.083	.093	.415	-.332
290	236	-.076	.080	.387	-.309
290	237	-.033	.151	.856	-.408
290	238	-.259	.107	.294	-.619
290	239	-.221	.095	.345	-.500
290	240	-.167	.077	.195	-.461
290	241	-.139	.079	.222	-.467
290	242	-.126	.094	.260	-.633
290	243	-.150	.102	.240	-.730
290	244	-.069	.115	.396	-.582
290	245	-.062	.135	.519	-.600
290	246	-.086	.141	.799	-.718
290	247	-.034	.139	.782	-.606
290	248	-.074	.114	.455	-.528
290	249	-.074	.107	.534	-.422
290	250	-.075	.101	.593	-.369
290	251	-.078	.102	.634	-.443
290	252	-.080	.102	.505	-.380
290	253	-.104	.109	.486	-.427
290	254	-.166	.079	.285	-.410
290	255	-.101	.126	.777	-.493
290	256	-.219	.065	.080	-.540
290	257	-.199	.058	.055	-.449
290	258	-.192	.055	.064	-.397
290	259	-.187	.053	.042	-.420

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	260	-.200	.064	.036	-.681
290	261	-.230	.074	.116	-.727
290	262	-.187	.053	.044	-.505
290	263	-.192	.068	.159	-.622
290	264	-.181	.062	.161	-.531
290	265	-.149	.060	.179	-.440
290	266	-.151	.057	.241	-.392
290	267	-.145	.058	.144	-.365
290	268	-.116	.054	.228	-.298
290	269	-.134	.061	.165	-.326
290	270	-.132	.064	.300	-.315
290	271	-.147	.069	.209	-.378
290	272	-.180	.066	.167	-.472
290	273	-.144	.094	.374	-.467
290	274	-.187	.037	-.060	-.363
290	275	-.191	.035	-.068	-.348
290	276	-.176	.033	-.038	-.385
290	277	-.193	.031	-.093	-.319
290	278	-.197	.033	-.108	-.389
290	279	-.204	.041	-.043	-.389
290	280	-.186	.034	-.075	-.325
290	281	-.195	.040	-.027	-.378
290	282	-.194	.036	-.042	-.460
290	283	-.170	.029	-.041	-.315
290	284	-.169	.030	-.006	-.278
290	285	-.145	.034	.013	-.321
290	286	-.152	.032	.029	-.273
290	287	-.146	.037	.012	-.325
290	288	-.146	.039	.004	-.395
290	289	-.119	.038	.041	-.430
290	290	-.137	.045	.060	-.333
290	291	-.143	.049	.086	-.358
290	292	-.157	.057	.104	-.385
290	293	-.101	.065	.229	-.306
290	294	-.144	.058	.192	-.358
290	295	-.110	.041	.074	-.239
290	296	-.114	.049	.152	-.273
290	297	-.095	.066	.219	-.845
290	298	-.147	.033	.007	-.241
290	299	-.138	.033	.100	-.248
290	300	-.137	.036	.087	-.233
290	301	-.137	.033	.042	-.228
290	302	-.122	.039	.156	-.228
290	303	-.150	.027	-.039	-.263
290	304	-.154	.032	.021	-.332
290	305	-.157	.032	.012	-.373
290	306	-.143	.029	.000	-.262
290	307	-.121	.026	-.005	-.208
290	308	-.128	.028	.022	-.223
290	309	-.131	.036	.019	-.299
290	310	-.140	.037	.007	-.320
290	311	-.138	.041	.119	-.285
290	312	-.158	.026	-.029	-.262
290	313	-.161	.028	-.020	-.280
290	314	-.155	.029	-.010	-.270
290	315	-.128	.030	.007	-.208
290	316	-.121	.030	.013	-.204
290	320	.300	.264	1.145	-.703
290	321	.266	.254	1.070	-.907
290	322	.167	.202	.844	-.463
290	323	-.151	.202	.491	-.877
290	400	-.139	.128	.218	-.863
290	401	-.114	.132	.283	-.885
290	402	-.029	.150	.456	-.851
290	403	-.001	.112	.453	-.649
290	404	.001	.117	.595	-.810
290	405	-.365	.168	.092	-1.183
290	406	-.369	.112	-.046	-1.343
290	407	-.368	.101	-.071	-.925
290	408	-.333	.094	-.048	-.917
290	409	-.331	.092	-.067	-.926
290	410	-.323	.091	-.018	-.932
290	411	-.326	.078	-.026	-.746
290	412	-.330	.077	-.062	-.701
290	413	-.343	.085	-.106	-.747
290	414	.071	.187	.648	-.782
290	415	.013	.155	.556	-.763
290	416	-.087	.204	.476	-.924
290	417	-.128	.218	.542	-1.230
290	418	-.042	.173	.488	-.883
290	419	-.125	.172	.482	-.989
290	420	-.026	.185	.599	-.857
290	421	.041	.188	.731	-.761
290	422	.011	.142	.580	-.732
290	423	.027	.140	.568	-.651
290	424	.006	.120	.502	-.491
290	425	.001	.115	.532	-.452
290	426	-.035	.102	.380	-.412
290	427	-.067	.094	.342	-.388
290	428	-.112	.081	.222	-.356
290	429	-.275	.060	.010	-.541
290	430	-.327	.065	-.138	-.808
290	431	-.342	.068	-.121	-.860
290	432	-.334	.067	-.128	-.733
290	433	-.333	.063	-.135	-.802
290	434	-.303	.050	-.153	-.566
290	435	-.342	.054	-.197	-.613
290	436	-.341	.055	-.202	-.615
290	437	-.346	.058	-.215	-.650
290	438	-.073	.133	.443	-.676
290	439	-.052	.137	.620	-.632
290	440	-.084	.104	.338	-.736
290	441	-.077	.101	.354	-.481
290	442	-.082	.091	.295	-.402
290	443	-.091	.089	.280	-.371
290	444	-.123	.085	.294	-.451
290	445	-.136	.087	.315	-.505
290	446	-.171	.085	.234	-.567
290	447	-.313	.105	.066	-.844
290	448	-.405	.095	-.112	-.878
290	449	-.417	.129	-.041	-1.354
290	450	-.395	.131	-.016	-1.547
290	451	-.403	.124	-.000	-1.433
290	452	-.399	.100	-.128	-.978
290	453	-.393	.086	-.179	-.839
290	454	-.381	.077	-.176	-.791
290	455	-.396	.083	-.155	-.870
290	456	-.174	.066	.117	-.596
290	457	-.154	.064	.146	-.565
290	458	-.148	.060	.139	-.475
290	459	-.151	.056	.116	-.368
290	460	-.160	.056	.110	-.405
290	461	-.149	.055	.208	-.357
290	462	-.150	.057	.099	-.386
290	463	-.165	.061	.169	-.421
290	464	-.186	.065	.089	-.459
290	465	-.251	.103	.259	-.748
290	466	-.474	.126	-.070	-1.118
290	467	-.414	.135	-.016	-1.072
290	468	-.408	.137	.066	-1.190
290	469	-.393	.128	-.014	-1.244
290	470	-.383	.124	-.030	-1.621
290	471	-.336	.093	-.044	-.795
290	472	-.362	.084	-.103	-.767
290	473	-.318	.077	.003	-.712
290	474	-.118	.031	.049	-.297
290	475	-.155	.029	-.016	-.289
290	476	-.187	.031	-.034	-.311
290	477	-.156	.033	.011	-.308
290	478	-.100	.033	.105	-.241
290	479	-.136	.033	-.002	-.371
290	480	-.163	.038	.002	-.347
290	481	-.139	.037	.030	-.286
290	482	-.105	.047	.100	-.437
290	483	-.217	.067	.003	-.587
290	484	-.331	.088	-.111	-.942
290	485	-.265	.078	-.055	-.724
290	486	-.223	.087	-.035	-.880
290	487	-.265	.093	-.066	-1.390
290	488	-.292	.088	-.088	-1.256

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	489	-.220	.057	-.026	-.692
290	490	-.149	.041	.029	-.495
290	491	-.188	.039	-.046	-.440
290	492	-.144	.033	.066	-.231
290	493	-.119	.027	.032	-.216
290	494	-.115	.032	.038	-.212
290	495	-.182	.053	-.015	-.500
290	496	-.221	.059	-.061	-.582
290	497	-.275	.079	-.060	-.739
290	498	-.227	.054	-.055	-.609
290	499	-.152	.040	.007	-.486
290	500	-.161	.036	.016	-.319
290	501	-.186	.036	.086	-.306
290	502	-.168	.033	-.041	-.339
290	510	-.478	.228	.080	-1.307
290	511	-.360	.089	-.066	-.948
290	512	-.337	.088	-.067	-.854
290	513	-.306	.071	-.056	-1.163
290	600	-.270	.057	-.089	-.678
290	601	-.266	.048	-.091	-.496
290	602	-.246	.041	-.105	-.434
290	603	-.272	.040	-.098	-.453
290	604	-.252	.045	-.110	-.503
290	605	-.255	.046	-.081	-.531
290	606	-.244	.050	-.049	-.579
290	607	-.293	.040	-.176	-.485
290	608	-.284	.037	-.132	-.461
290	609	-.285	.034	-.168	-.452
290	610	-.269	.036	-.155	-.437
290	611	-.275	.039	-.141	-.500
290	612	-.269	.043	-.117	-.555
290	613	-.271	.045	-.049	-.503
290	614	-.316	.058	-.117	-.757
290	615	-.313	.051	-.143	-.804
290	616	-.302	.041	-.146	-.479
290	617	-.304	.045	-.132	-.589
290	618	-.306	.057	-.133	-.661
290	619	-.282	.069	-.076	-.795
290	620	-.287	.075	-.037	-1.078
290	621	-.293	.063	-.110	-.626
290	622	-.283	.054	-.086	-.552
290	623	-.279	.054	-.037	-.506
290	624	-.320	.069	-.096	-.667
290	625	-.299	.070	-.092	-.702
290	626	-.318	.100	-.037	-1.043
290	627	-.334	.108	.009	-1.199
290	628	-.175	.043	-.025	-.477
290	629	-.182	.041	-.042	-.391
290	630	-.194	.046	.126	-.463
290	631	-.229	.060	.035	-.563

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	632	-.270	.085	.035	-.894
290	633	-.290	.100	-.091	-.997
290	634	-.275	.095	-.050	-1.238
290	635	-.155	.030	-.030	-.283
290	636	-.160	.042	-.005	-.526
290	637	-.170	.042	-.004	-.408
290	638	-.167	.046	.005	-.332
290	639	-.171	.045	-.014	-.347
290	640	-.140	.036	.050	-.277
290	641	-.142	.037	.037	-.261
290	642	-.150	.041	.109	-.289
290	643	-.150	.041	.126	-.354
290	644	-.160	.039	.005	-.368
290	645	-.175	.044	.042	-.411
290	646	-.200	.053	.059	-.631
290	647	-.250	.065	-.033	-.606
290	648	-.277	.086	-.095	-.829
290	650	-.260	.041	-.121	-.483
290	651	-.273	.043	-.134	-.511
290	900	-.020	.110	.385	-.408
290	901	-.082	.098	.337	-.476
290	902	-.170	.033	-.030	-.292
290	903	-.157	.043	.064	-.332
290	904	-.122	.081	.168	-.711
290	905	-.155	.062	.063	-.472
290	906	-.250	.128	.117	-.903
290	907	-.254	.161	.398	-.813
290	908	-.194	.139	.157	-1.020
290	909	-.479	.153	-.041	-1.173
290	910	-.342	.177	.306	-1.008
290	911	-.235	.056	-.028	-.572
290	912	-.090	.112	.245	-.703
290	913	-.120	.053	.239	-.280
290	914	-.024	.145	.558	-.519
290	915	.100	.190	.816	-.622
290	916	-.106	.054	.272	-.225
290	917	-.466	.221	.097	-1.510
290	918	.002	.143	.387	-.892
290	919	-.122	.039	.165	-.221
290	920	-.426	.222	.211	-1.397
300	100	-.172	.071	.145	-.454
300	101	-.053	.104	.566	-.573
300	102	-.007	.105	.522	-.461
300	103	.005	.106	.487	-.516
300	104	-.014	.109	.527	-.616
300	105	-.069	.149	.464	-.799
300	106	-.473	.306	.558	-1.743
300	107	-.243	.048	-.009	-.436
300	108	-.198	.065	.128	-.436
300	109	-.145	.071	.232	-.351

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	110	-.095	.084	.322	-.476
300	111	-.116	.130	.451	-1.234
300	112	-.368	.298	.369	-1.395
300	113	-.535	.264	.356	-1.546
300	114	-.222	.053	-.011	-.552
300	115	-.204	.051	.030	-.418
300	116	-.181	.057	.110	-.412
300	117	-.168	.072	.135	-.575
300	118	-.178	.116	.225	-.956
300	119	-.315	.223	.411	-1.211
300	120	-.447	.216	.297	-1.405
300	121	-.263	.054	-.083	-.482
300	122	-.206	.047	-.014	-.372
300	123	-.151	.048	.071	-.338
300	124	-.140	.054	.065	-.388
300	125	-.149	.070	.096	-.523
300	126	-.210	.128	.248	-.855
300	127	-.280	.145	.235	-1.420
300	128	-.204	.070	.004	-.657
300	129	-.188	.049	.041	-.388
300	130	-.149	.044	.032	-.334
300	131	-.121	.044	.056	-.340
300	132	-.093	.048	.076	-.336
300	133	-.125	.070	.107	-.519
300	134	-.169	.084	.099	-.640
300	135	-.314	.087	-.035	-.717
300	136	-.314	.096	-.076	-.871
300	137	-.200	.052	.003	-.469
300	138	-.139	.044	.039	-.300
300	139	-.068	.041	.109	-.220
300	140	-.026	.052	.213	-.160
300	141	-.027	.053	.238	-.172
300	142	-.033	.052	.197	-.174
300	143	-.036	.060	.239	-.248
300	144	-.065	.072	.290	-.442
300	145	-.116	.040	.025	-.333
300	150	-.179	.071	.165	-.411
300	151	-.115	.097	.321	-.474
300	200	.030	.186	.730	-.767
300	201	.181	.193	.816	-.449
300	202	.282	.207	.930	-.485
300	203	.367	.210	1.027	-.499
300	204	.416	.237	1.101	-.556
300	205	.419	.254	1.334	-.418
300	206	.340	.228	.968	-.854
300	207	.181	.171	.874	-.439
300	208	-.285	.162	.378	-.964
300	209	-.166	.121	.186	-.732
300	210	-.080	.231	.710	-2.146
300	211	.225	.256	1.025	-.551

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	212	.310	.206	.966	-.383
300	213	.168	.158	.785	-.380
300	214	-.001	.144	.625	-.457
300	215	.195	.204	.930	-.490
300	216	.192	.190	.911	-.634
300	217	-.100	.138	.353	-.671
300	218	.140	.205	.873	-.644
300	219	-.137	.266	.816	-.954
300	220	-.190	.151	.393	-.735
300	221	-.017	.146	.537	-.569
300	222	.126	.165	.778	-.390
300	223	.201	.182	.856	-.222
300	224	.230	.193	.920	-.315
300	225	.195	.201	.979	-.692
300	226	.093	.220	.884	-1.029
300	227	-.006	.155	.579	-.496
300	228	-.277	.199	.489	-1.128
300	229	-.098	.281	.747	-.984
300	230	-.109	.101	.130	-.459
300	231	-.056	.176	.556	-.915
300	232	-.043	.157	.400	-.747
300	233	-.043	.121	.441	-.732
300	234	-.043	.114	.483	-.547
300	235	-.093	.087	.266	-.606
300	236	-.120	.079	.325	-.545
300	237	-.063	.150	.731	-.514
300	238	-.263	.124	.344	-.685
300	239	-.154	.110	.565	-.516
300	240	-.039	.112	.524	-.429
300	241	-.028	.109	.587	-.426
300	242	-.034	.107	.511	-.546
300	243	-.022	.114	.522	-.395
300	244	-.118	.135	.311	-.980
300	245	-.128	.115	.390	-.618
300	246	-.224	.162	.633	-1.105
300	247	-.139	.170	.703	-.782
300	248	-.135	.128	.390	-.832
300	249	-.118	.103	.457	-.743
300	250	-.120	.091	.467	-.617
300	251	-.112	.087	.581	-.611
300	252	-.114	.088	.299	-.453
300	253	-.129	.094	.387	-.553
300	254	-.190	.074	.103	-.485
300	255	-.136	.107	.525	-.571
300	256	-.131	.081	.307	-.418
300	257	-.108	.075	.287	-.410
300	258	-.100	.071	.307	-.358
300	259	-.108	.066	.252	-.361
300	260	-.120	.066	.317	-.455
300	261	-.122	.076	.256	-.458
300	262	-.195	.112	.125	-.778
300	263	-.171	.072	.107	-.568
300	264	-.203	.087	.076	-.686
300	265	-.164	.090	.166	-.733
300	266	-.151	.073	.103	-.733
300	267	-.141	.064	.177	-.521
300	268	-.135	.064	.122	-.578
300	269	-.135	.062	.119	-.457
300	270	-.135	.066	.177	-.446
300	271	-.142	.069	.217	-.491
300	272	-.169	.061	.061	-.540
300	273	-.138	.091	.251	-.484
300	274	-.135	.056	.163	-.410
300	275	-.134	.053	.147	-.366
300	276	-.124	.050	.053	-.399
300	277	-.142	.044	.024	-.367
300	278	-.148	.040	.016	-.362
300	279	-.147	.045	.020	-.360
300	280	-.159	.056	.030	-.487
300	281	-.138	.043	.020	-.554
300	282	-.156	.043	-.005	-.486
300	283	-.132	.040	.014	-.398
300	284	-.126	.038	.032	-.353
300	285	-.108	.040	.119	-.422
300	286	-.109	.038	.085	-.313
300	287	-.103	.041	.084	-.273
300	288	-.099	.041	.097	-.258
300	289	-.092	.044	.080	-.302
300	290	-.102	.046	.095	-.276
300	291	-.121	.049	.110	-.374
300	292	-.127	.056	.102	-.466
300	293	-.080	.061	.198	-.344
300	294	-.089	.059	.305	-.301
300	295	-.078	.045	.191	-.235
300	296	-.054	.058	.272	-.246
300	297	-.039	.065	.335	-.253
300	298	-.055	.058	.200	-.208
300	299	-.037	.063	.246	-.254
300	300	-.021	.068	.269	-.226
300	301	-.024	.064	.264	-.192
300	302	-.023	.062	.264	-.171
300	303	-.065	.043	.107	-.191
300	304	-.091	.042	.108	-.290
300	305	-.091	.043	.114	-.256
300	306	-.092	.039	.118	-.322
300	307	-.081	.035	.071	-.300
300	308	-.082	.038	.236	-.244
300	309	-.074	.047	.263	-.196
300	310	-.059	.053	.239	-.254
300	311	-.049	.059	.327	-.228
300	312	-.098	.047	.110	-.332
300	313	-.098	.051	.151	-.291
300	314	-.091	.043	.084	-.266
300	315	-.073	.040	.107	-.178
300	316	-.071	.040	.110	-.178
300	320	.435	.255	1.183	-.285
300	321	.249	.263	1.027	-.864
300	322	.111	.177	.742	-.493
300	323	-.234	.148	.419	-.991
300	400	-.157	.128	.278	-.917
300	401	-.162	.151	.379	-.967
300	402	-.182	.202	.510	-1.183
300	403	-.110	.234	.534	-1.433
300	404	-.097	.256	.619	-1.617
300	405	-.380	.158	.041	-1.212
300	406	-.287	.100	-.012	-.898
300	407	-.300	.091	-.028	-.720
300	408	-.271	.072	-.032	-.701
300	409	-.268	.069	-.026	-.685
300	410	-.265	.066	-.037	-.680
300	411	-.269	.056	-.092	-.628
300	412	-.271	.057	-.106	-.650
300	413	-.278	.066	-.103	-.618
300	414	-.180	.206	.536	-.932
300	415	-.155	.174	.456	-.901
300	416	-.154	.175	.435	-1.119
300	417	-.149	.190	.439	-1.459
300	418	-.118	.185	.491	-1.421
300	419	-.223	.191	.484	-1.715
300	420	-.191	.189	.382	-1.029
300	421	-.152	.204	.506	-.869
300	422	-.144	.178	.398	-.923
300	423	-.128	.174	.372	-.863
300	424	-.116	.146	.425	-.768
300	425	-.098	.129	.350	-.666
300	426	-.104	.098	.223	-.563
300	427	-.120	.087	.188	-.506
300	428	-.140	.076	.229	-.607
300	429	-.246	.064	.044	-.584
300	430	-.293	.090	-.049	-.973
300	431	-.300	.080	.066	-1.266
300	432	-.282	.066	.008	-.632
300	433	-.276	.060	-.047	-.591
300	434	-.282	.067	-.056	-.695
300	435	-.285	.051	-.155	-.522
300	436	-.300	.054	-.113	-.667
300	437	-.300	.057	-.153	-.611
300	438	-.189	.138	.253	-.970
300	439	-.163	.133	.287	-.791
300	440	-.153	.108	.294	-.736

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	441	-.139	.097	.247	-.615
300	442	-.134	.084	.290	-.661
300	443	-.138	.081	.310	-.649
300	444	-.154	.074	.229	-.590
300	445	-.156	.076	.235	-.718
300	446	-.184	.075	.136	-.858
300	447	-.289	.095	.174	-.835
300	448	-.329	.118	-.030	-1.311
300	449	-.368	.125	-.007	-1.346
300	450	-.356	.132	-.005	-1.454
300	451	-.358	.124	-.024	-1.275
300	452	-.363	.102	-.012	-1.168
300	453	-.338	.082	-.095	-.795
300	454	-.323	.070	-.137	-.759
300	455	-.327	.069	-.158	-.673
300	456	-.199	.074	.079	-.886
300	457	-.173	.069	.096	-.680
300	458	-.164	.067	.096	-.561
300	459	-.165	.061	.085	-.508
300	460	-.168	.057	.044	-.489
300	461	-.152	.054	.060	-.448
300	462	-.154	.055	.068	-.397
300	463	-.165	.056	.085	-.461
300	464	-.174	.063	.146	-.495
300	465	-.259	.103	.106	-.690
300	466	-.331	.125	.022	-.931
300	467	-.325	.139	.007	-.987
300	468	-.296	.145	.076	-1.721
300	469	-.302	.140	.049	-2.195
300	470	-.297	.119	.038	-1.097
300	471	-.309	.093	-.081	-.944
300	472	-.300	.077	-.078	-.802
300	473	-.310	.081	-.103	-.766
300	474	-.127	.050	.200	-.410
300	475	-.120	.048	.219	-.366
300	476	-.115	.048	.182	-.383
300	477	-.111	.046	.095	-.284
300	478	-.094	.047	.128	-.342
300	479	-.091	.047	.106	-.300
300	480	-.085	.051	.118	-.334
300	481	-.095	.051	.118	-.377
300	482	-.125	.064	.082	-.735
300	483	-.240	.096	.011	-.885
300	484	-.240	.091	-.046	-.969
300	485	-.308	.123	-.001	-1.077
300	486	-.315	.141	-.053	-1.311
300	487	-.315	.140	-.019	-1.928
300	488	-.299	.128	.069	-1.367
300	489	-.219	.088	.071	-.762
300	490	-.184	.068	.089	-.489
300	491	-.182	.063	.042	-.475
300	492	-.059	.054	.199	-.206
300	493	-.075	.036	.166	-.171
300	494	-.051	.047	.157	-.184
300	495	-.223	.082	.022	-.665
300	496	-.219	.090	.025	-.685
300	497	-.278	.128	.009	-.991
300	498	-.224	.088	.016	-.676
300	499	-.166	.070	.101	-.704
300	500	-.112	.060	.257	-.392
300	501	-.103	.059	.154	-.428
300	502	-.120	.050	.069	-.414
300	510	-.466	.218	.181	-1.525
300	511	-.284	.086	.056	-.860
300	512	-.272	.085	.027	-.827
300	513	-.248	.069	.027	-.805
300	600	-.280	.042	-.145	-.482
300	601	-.267	.040	-.138	-.534
300	602	-.246	.041	-.090	-.449
300	603	-.222	.045	-.047	-.429
300	604	-.264	.046	-.116	-.518
300	605	-.264	.049	-.094	-.515
300	606	-.244	.050	-.071	-.485
300	607	-.290	.040	-.163	-.530
300	608	-.289	.039	-.169	-.482
300	609	-.285	.036	-.136	-.473
300	610	-.263	.039	-.107	-.456
300	611	-.273	.043	-.089	-.459
300	612	-.276	.044	-.076	-.465
300	613	-.269	.047	-.103	-.506
300	614	-.282	.051	-.102	-.632
300	615	-.286	.044	-.149	-.554
300	616	-.284	.039	-.116	-.487
300	617	-.270	.050	-.089	-.564
300	618	-.279	.048	-.117	-.555
300	619	-.253	.053	-.078	-.955
300	620	-.263	.055	-.080	-.948
300	621	-.323	.063	-.001	-.618
300	622	-.309	.053	.019	-.593
300	623	-.285	.047	-.126	-.519
300	624	-.299	.051	-.142	-.601
300	625	-.293	.073	-.090	-.834
300	626	-.282	.055	-.097	-.477
300	627	-.281	.057	-.091	-.543
300	628	-.240	.070	.040	-.591
300	629	-.257	.065	-.018	-.556
300	630	-.304	.073	-.061	-.790
300	631	-.353	.090	-.103	-.932
300	632	-.350	.098	-.146	-.909
300	633	-.349	.090	-.139	-1.187
300	634	-.293	.124	-.062	-1.252
300	635	-.106	.054	.123	-.310
300	636	-.139	.043	.107	-.336
300	637	-.153	.043	.053	-.335
300	638	-.134	.039	.047	-.311
300	639	-.138	.040	.047	-.332
300	640	-.114	.037	.070	-.223
300	641	-.118	.037	.027	-.225
300	642	-.137	.040	.040	-.282
300	643	-.119	.038	.035	-.233
300	644	-.124	.033	.005	-.228
300	645	-.127	.036	.032	-.261
300	646	-.136	.041	.134	-.336
300	647	-.180	.055	.066	-.489
300	648	-.238	.079	-.027	-.909
300	650	-.226	.047	-.058	-.466
300	651	-.232	.048	-.050	-.487
300	900	.004	.131	.407	-.583
300	901	-.009	.092	.346	-.358
300	902	-.144	.041	.034	-.333
300	903	-.141	.059	.088	-.515
300	904	-.141	.106	.206	-.829
300	905	-.101	.068	.100	-.506
300	906	-.098	.088	.108	-.551
300	907	.027	.230	.691	-.854
300	908	-.314	.226	.373	-1.280
300	909	-.382	.184	.186	-1.130
300	910	-.169	.174	.465	-.873
300	911	-.170	.054	.052	-.516
300	912	-.164	.132	.251	-.798
300	913	-.030	.071	.431	-.225
300	914	-.182	.124	.479	-.653
300	915	-.046	.213	1.265	-.793
300	916	-.007	.079	.552	-.224
300	917	-.514	.193	.138	-1.460
300	918	-.011	.130	.387	-.767
300	919	-.029	.064	.428	-.196
300	920	-.513	.229	.278	-1.656
310	100	-.105	.089	.341	-.438
310	101	-.051	.139	.594	-.705
310	102	-.028	.134	.616	-.460
310	103	-.021	.139	.681	-.584
310	104	-.030	.146	.719	-.615
310	105	-.037	.188	.705	-.827
310	106	-.144	.282	.829	-1.360
310	107	-.142	.061	.190	-.391
310	108	-.106	.085	.422	-.384
310	109	-.076	.084	.498	-.348
310	110	-.055	.090	.428	-.353
310	111	-.067	.113	.369	-.710

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	112	-.167	.206	.363	-.978
310	113	-.222	.229	.701	-1.373
310	114	-.156	.053	.100	-.484
310	115	-.117	.057	.287	-.393
310	116	-.098	.062	.306	-.388
310	117	-.093	.073	.300	-.481
310	118	-.095	.097	.336	-.867
310	119	-.180	.172	.314	-.930
310	120	-.226	.185	.306	-1.136
310	121	-.171	.054	.122	-.486
310	122	-.109	.060	.465	-.305
310	123	-.076	.062	.549	-.433
310	124	-.064	.060	.226	-.417
310	125	-.071	.072	.271	-.783
310	126	-.129	.112	.195	-.627
310	127	-.155	.124	.164	-.625
310	128	-.156	.048	-.014	-.463
310	129	-.091	.044	.161	-.292
310	130	-.062	.049	.220	-.233
310	131	-.040	.049	.198	-.279
310	132	-.036	.047	.169	-.383
310	133	-.053	.067	.214	-.558
310	134	-.076	.081	.283	-.506
310	135	-.176	.047	-.036	-.412
310	136	-.193	.062	-.024	-.549
310	137	-.117	.034	.023	-.263
310	138	-.066	.034	.047	-.172
310	139	-.054	.031	.059	-.149
310	140	-.022	.036	.218	-.185
310	141	-.025	.039	.170	-.151
310	142	-.032	.040	.164	-.155
310	143	-.026	.047	.231	-.274
310	144	-.034	.054	.196	-.341
310	145	-.116	.030	.047	-.244
310	150	-.106	.089	.272	-.479
310	151	-.052	.130	.507	-.487
310	200	.042	.188	.876	-.503
310	201	.072	.187	.998	-.469
310	202	.088	.192	.908	-.529
310	203	.105	.209	1.112	-.412
310	204	.096	.224	1.254	-.506
310	205	.117	.235	.977	-1.053
310	206	-.042	.257	.741	-1.257
310	207	-.063	.165	.511	-.720
310	208	-.240	.114	.084	-.838
310	209	-.197	.092	.133	-.799
310	210	-.186	.188	.351	-1.379
310	211	.029	.195	.990	-.713
310	212	.054	.166	.677	-.426
310	213	-.015	.128	.475	-.434

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	214	-.131	.121	.275	-1.123
310	215	.026	.172	.742	-.431
310	216	.009	.141	.618	-.498
310	217	-.156	.098	.236	-.708
310	218	-.030	.142	.619	-.487
310	219	-.207	.149	.492	-.803
310	220	-.043	.111	.428	-.455
310	221	-.009	.103	.560	-.366
310	222	.014	.105	.654	-.332
310	223	.081	.152	.774	-.292
310	224	.087	.169	.800	-.449
310	225	-.055	.174	.802	-.739
310	226	-.104	.238	.726	-1.153
310	227	-.144	.142	.521	-.862
310	228	-.255	.127	.282	-.788
310	229	-.174	.167	.550	-.755
310	230	-.173	.063	-.014	-.391
310	231	-.151	.115	.448	-1.005
310	232	-.136	.103	.436	-.596
310	233	-.119	.086	.344	-.558
310	234	-.116	.081	.247	-.525
310	235	-.126	.070	.309	-.440
310	236	-.132	.064	.232	-.364
310	237	-.090	.100	.561	-.448
310	238	-.067	.088	.431	-.580
310	239	-.050	.076	.398	-.489
310	240	-.070	.065	.318	-.303
310	241	-.082	.062	.326	-.316
310	242	-.098	.066	.294	-.315
310	243	-.099	.088	.311	-.463
310	244	-.173	.118	.243	-.983
310	245	-.161	.100	.236	-.953
310	246	-.188	.095	.249	-.892
310	247	-.151	.099	.332	-.937
310	248	-.155	.083	.133	-.608
310	249	-.141	.070	.177	-.536
310	250	-.138	.064	.172	-.541
310	251	-.132	.060	.193	-.363
310	252	-.125	.059	.196	-.376
310	253	-.124	.059	.206	-.375
310	254	-.142	.050	.048	-.343
310	255	-.108	.079	.320	-.325
310	256	-.115	.094	.286	-.882
310	257	-.099	.064	.187	-.479
310	258	-.098	.053	.202	-.316
310	259	-.111	.046	.117	-.336
310	260	-.127	.045	.128	-.341
310	261	-.134	.051	.125	-.385
310	262	-.144	.065	.163	-.660
310	263	-.172	.075	.070	-.704

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	264	-.175	.069	.024	-.606
310	265	-.160	.061	.107	-.501
310	266	-.145	.050	.046	-.509
310	267	-.136	.046	.060	-.419
310	268	-.120	.043	.064	-.315
310	269	-.130	.041	.018	-.351
310	270	-.128	.041	.056	-.301
310	271	-.124	.041	.062	-.353
310	272	-.135	.045	.083	-.349
310	273	-.123	.045	.104	-.341
310	274	-.143	.100	.255	-.765
310	275	-.116	.075	.216	-.436
310	276	-.111	.043	.078	-.335
310	277	-.116	.046	.085	-.375
310	278	-.122	.038	.039	-.310
310	279	-.132	.032	-.014	-.362
310	280	-.135	.037	-.034	-.351
310	281	-.132	.035	-.010	-.360
310	282	-.144	.036	-.006	-.358
310	283	-.140	.037	.002	-.505
310	284	-.139	.037	-.001	-.502
310	285	-.111	.032	.069	-.235
310	286	-.132	.034	.021	-.307
310	287	-.122	.032	.063	-.266
310	288	-.118	.032	.077	-.262
310	289	-.102	.034	.052	-.225
310	290	-.113	.035	.033	-.339
310	291	-.108	.032	.030	-.247
310	292	-.109	.033	.031	-.250
310	293	-.106	.035	.108	-.245
310	294	-.113	.042	.069	-.442
310	295	-.115	.030	.004	-.230
310	296	-.109	.032	.050	-.245
310	297	-.110	.039	.191	-.310
310	298	-.120	.057	.116	-.322
310	299	-.123	.049	.154	-.315
310	300	-.105	.047	.206	-.260
310	301	-.096	.042	.125	-.257
310	302	-.090	.037	.141	-.200
310	303	-.117	.029	-.018	-.209
310	304	-.132	.030	-.043	-.291
310	305	-.129	.030	-.040	-.297
310	306	-.128	.030	-.043	-.303
310	307	-.105	.030	.032	-.254
310	308	-.104	.031	.040	-.249
310	309	-.128	.033	.018	-.327
310	310	-.120	.031	.051	-.256
310	311	-.116	.032	-.097	-.243
310	312	-.140	.034	-.057	-.374
310	313	-.146	.035	-.020	-.329

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	314	-.136	.036	.016	-.310
310	315	-.118	.032	.023	-.314
310	316	-.117	.032	.020	-.319
310	320	.058	.195	.833	-.463
310	321	-.096	.254	.806	-1.336
310	322	-.113	.145	.483	-1.220
310	323	-.229	.105	.134	-.791
310	400	-.231	.106	.233	-.744
310	401	-.256	.124	.247	-.901
310	402	-.313	.170	.213	-1.468
310	403	-.311	.215	.238	-1.878
310	404	-.292	.230	.417	-2.060
310	405	-.259	.128	.140	-.919
310	406	-.197	.092	.074	-1.140
310	407	-.219	.090	.085	-.705
310	408	-.191	.071	.035	-.558
310	409	-.176	.067	.024	-.540
310	410	-.180	.062	-.006	-.553
310	411	-.186	.053	-.049	-.486
310	412	-.184	.051	-.027	-.463
310	413	-.177	.055	-.011	-.456
310	414	-.345	.155	.392	-.947
310	415	-.311	.153	.275	-.976
310	416	-.308	.190	.365	-1.129
310	417	-.275	.234	.582	-1.417
310	418	-.282	.241	.561	-1.612
310	419	-.342	.215	.314	-1.357
310	420	-.356	.148	.125	-1.000
310	421	-.344	.163	.345	-1.170
310	422	-.331	.162	.325	-1.111
310	423	-.318	.162	.284	-.987
310	424	-.250	.139	.256	-.826
310	425	-.209	.127	.392	-.777
310	426	-.179	.105	.277	-.711
310	427	-.180	.095	.226	-.636
310	428	-.174	.085	.177	-.558
310	429	-.216	.077	.098	-.628
310	430	-.211	.087	.000	-.799
310	431	-.271	.112	.067	-.890
310	432	-.253	.117	.154	-1.649
310	433	-.231	.102	.091	-1.212
310	434	-.190	.067	-.022	-.747
310	435	-.221	.053	-.065	-.511
310	436	-.223	.052	-.054	-.604
310	437	-.209	.051	-.053	-.558
310	438	-.311	.136	.151	-.985
310	439	-.293	.131	.141	-.851
310	440	-.255	.135	.152	-1.059
310	441	-.222	.122	.175	-.961
310	442	-.195	.103	.101	-.853
310	443	-.191	.097	.115	-.814
310	444	-.184	.076	.114	-.622
310	445	-.168	.076	.112	-.619
310	446	-.180	.074	.103	-.624
310	447	-.225	.088	.136	-.613
310	448	-.216	.084	-.023	-.846
310	449	-.234	.105	.096	-.845
310	450	-.229	.103	.179	-1.079
310	451	-.231	.091	.192	-.816
310	452	-.237	.081	-.038	-.667
310	453	-.209	.061	-.032	-.547
310	454	-.211	.052	-.045	-.578
310	455	-.221	.050	-.033	-.541
310	456	-.230	.088	.048	-.778
310	457	-.193	.077	.094	-.554
310	458	-.185	.078	.165	-.688
310	459	-.179	.070	.109	-.555
310	460	-.174	.060	.035	-.579
310	461	-.144	.055	.033	-.500
310	462	-.144	.052	.058	-.375
310	463	-.150	.052	.058	-.389
310	464	-.134	.043	.057	-.382
310	465	-.149	.056	.026	-.436
310	466	-.197	.075	-.019	-.660
310	467	-.167	.073	.031	-.777
310	468	-.196	.102	.093	-1.501
310	469	-.189	.084	.007	-1.087
310	470	-.178	.068	-.019	-.680
310	471	-.149	.038	-.010	-.380
310	472	-.157	.037	-.002	-.304
310	473	-.171	.040	-.033	-.378
310	474	-.117	.037	.033	-.343
310	475	-.116	.035	.030	-.280
310	476	-.117	.036	.028	-.280
310	477	-.119	.036	.083	-.299
310	478	-.106	.035	.091	-.259
310	479	-.104	.034	.088	-.249
310	480	-.099	.035	.096	-.221
310	481	-.103	.034	.043	-.246
310	482	-.097	.034	.026	-.275
310	483	-.111	.040	.042	-.364
310	484	-.148	.052	-.032	-.499
310	485	-.124	.046	-.008	-.514
310	486	-.120	.049	-.000	-.560
310	487	-.118	.047	-.022	-.521
310	488	-.114	.045	-.002	-.478
310	489	-.111	.036	.002	-.301
310	490	-.105	.036	.012	-.252
310	491	-.107	.036	.013	-.235
310	492	-.099	.035	.115	-.280
310	493	-.101	.028	-.005	-.224
310	494	-.096	.044	.129	-.306
310	495	-.105	.041	.098	-.335
310	496	-.101	.039	.049	-.408
310	497	-.115	.045	-.002	-.473
310	498	-.110	.035	.039	-.338
310	499	-.097	.032	.064	-.297
310	500	-.091	.033	.060	-.214
310	501	-.093	.034	.059	-.254
310	502	-.095	.032	.053	-.237
310	510	-.255	.145	.042	-1.114
310	511	-.192	.089	.086	-.630
310	512	-.191	.090	.074	-.738
310	513	-.174	.076	.079	-.541
310	600	-.197	.064	.032	-.669
310	601	-.183	.060	.010	-.543
310	602	-.172	.060	.008	-.596
310	603	-.176	.062	.048	-.500
310	604	-.183	.062	.032	-.605
310	605	-.175	.056	.045	-.489
310	606	-.165	.057	.067	-.462
310	607	-.183	.039	-.079	-.417
310	608	-.188	.038	-.075	-.384
310	609	-.186	.038	-.024	-.338
310	610	-.176	.041	-.005	-.388
310	611	-.179	.043	-.009	-.388
310	612	-.181	.045	.001	-.398
310	613	-.176	.047	-.038	-.467
310	614	-.176	.040	.000	-.433
310	615	-.180	.037	-.028	-.405
310	616	-.189	.036	-.082	-.403
310	617	-.191	.045	-.063	-.459
310	618	-.181	.044	-.055	-.393
310	619	-.167	.047	-.019	-.524
310	620	-.171	.049	-.018	-.630
310	621	-.202	.048	-.070	-.423
310	622	-.191	.045	-.010	-.398
310	623	-.189	.048	-.029	-.531
310	624	-.200	.049	-.059	-.497
310	625	-.216	.062	-.010	-.665
310	626	-.198	.049	-.026	-.557
310	627	-.203	.051	-.060	-.481
310	628	-.143	.048	-.005	-.457
310	629	-.149	.046	.008	-.357
310	630	-.179	.051	-.009	-.547
310	631	-.212	.060	-.014	-.565
310	632	-.224	.068	-.089	-.717
310	633	-.222	.067	-.079	-.831
310	634	-.234	.091	.006	-1.267
310	635	-.096	.041	.064	-.430

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	636	-.095	.039	.121	-.264
310	637	-.088	.038	.056	-.225
310	638	-.098	.043	.060	-.285
310	639	-.099	.041	.065	-.282
310	640	-.078	.042	.132	-.271
310	641	-.068	.036	.119	-.277
310	642	-.086	.036	.044	-.194
310	643	-.092	.038	.095	-.243
310	644	-.087	.037	.064	-.309
310	645	-.079	.037	.056	-.249
310	646	-.097	.039	.071	-.384
310	647	-.136	.050	.030	-.615
310	648	-.164	.063	.053	-.491
310	650	-.174	.066	.010	-.794
310	651	-.175	.066	.025	-.776
310	900	-.114	.127	.319	-.848
310	901	-.072	.088	.220	-.555
310	902	-.108	.035	-.010	-.284
310	903	-.113	.039	.009	-.394
310	904	-.183	.127	.245	-.969
310	905	-.132	.094	.222	-.686
310	906	-.105	.079	.210	-.479
310	907	-.001	.141	.602	-.456
310	908	-.271	.205	.275	-1.263
310	909	-.150	.152	.284	-.836
310	910	-.024	.163	.562	-.707
310	911	-.111	.031	.001	-.250
310	912	-.129	.128	.247	-.961
310	913	-.108	.042	.081	-.254
310	914	-.190	.098	.203	-.689
310	915	-.127	.153	.614	-.677
310	916	-.093	.042	.183	-.207
310	917	-.314	.180	.239	-1.535
310	918	-.104	.146	.396	-.970
310	919	-.089	.038	.129	-.188
310	920	-.288	.234	.444	-1.713
320	100	-.070	.097	.253	-.610
320	101	.013	.111	.569	-.550
320	102	.078	.151	.570	-.560
320	103	.101	.164	.679	-.569
320	104	.104	.173	.655	-.472
320	105	.152	.206	.746	-.493
320	106	.176	.230	.833	-.595
320	107	-.045	.080	.297	-.441
320	108	.105	.125	.479	-.410
320	109	.185	.142	.610	-.228
320	110	.252	.167	.737	-.189
320	111	.272	.187	.919	-.172
320	112	.266	.204	1.061	-.272
320	113	.256	.218	.982	-.379

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	114	-.064	.068	.276	-.423
320	115	.103	.112	.555	-.365
320	116	.183	.132	.635	-.352
320	117	.239	.152	.789	-.225
320	118	.255	.180	.836	-.321
320	119	.238	.190	1.014	-.398
320	120	.198	.194	.978	-.416
320	121	-.098	.079	.385	-.406
320	122	.077	.106	.552	-.350
320	123	.163	.120	.631	-.252
320	124	.212	.134	.684	-.206
320	125	.221	.142	.764	-.150
320	126	.184	.151	.780	-.202
320	127	.149	.154	.840	-.287
320	128	-.195	.063	.039	-.509
320	129	-.004	.069	.309	-.275
320	130	.083	.085	.573	-.188
320	131	.122	.092	.523	-.260
320	132	.105	.087	.636	-.239
320	133	.086	.102	.608	-.211
320	134	.064	.112	.680	-.249
320	135	-.183	.075	.156	-.600
320	136	-.128	.092	.217	-.703
320	137	-.036	.064	.344	-.312
320	138	.033	.063	.305	-.358
320	139	.056	.079	.372	-.401
320	140	.095	.088	.439	-.217
320	141	.066	.082	.420	-.172
320	142	.044	.077	.372	-.195
320	143	.028	.081	.428	-.253
320	144	-.063	.092	.376	-.529
320	145	-.244	.104	.137	-.641
320	150	-.052	.078	.287	-.473
320	151	.090	.115	.481	-.639
320	200	.268	.229	.922	-.994
320	201	.247	.208	.865	-.823
320	202	.199	.202	.762	-.521
320	203	.121	.204	.824	-.556
320	204	.045	.203	.844	-.500
320	205	-.051	.204	.813	-.859
320	206	-.680	.319	.353	-1.916
320	207	-.387	.178	.240	-1.340
320	208	-.443	.145	.022	-1.368
320	209	-.381	.142	.154	-1.093
320	210	-.470	.224	.214	-2.096
320	211	-.305	.237	.443	-1.419
320	212	-.190	.201	.573	-1.262
320	213	-.209	.163	.341	-1.036
320	214	-.428	.184	.112	-1.536
320	215	-.267	.180	.397	-1.326

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	216	-.226	.152	.413	-1.065
320	217	-.443	.159	.067	-1.437
320	218	-.359	.165	.329	-1.125
320	219	-.450	.138	.002	-1.510
320	220	.393	.220	1.016	-.544
320	221	.382	.197	1.035	-.396
320	222	.333	.184	.947	-.183
320	223	.150	.152	.762	-.232
320	224	.033	.127	.554	-.363
320	225	-.148	.120	.312	-.600
320	226	-.429	.208	.208	-1.602
320	227	-.389	.161	.190	-1.586
320	228	-.396	.139	.010	-1.090
320	229	-.413	.141	.045	-1.272
320	230	-.407	.063	-.214	-.616
320	231	-.410	.150	.238	-1.161
320	232	-.386	.146	.214	-1.107
320	233	-.373	.143	.157	-.896
320	234	-.358	.141	.158	-.920
320	235	-.339	.137	.064	-1.123
320	236	-.273	.103	.069	-.829
320	237	-.289	.104	.161	-1.128
320	238	.318	.205	.962	-.498
320	239	.318	.178	.918	-.268
320	240	.255	.162	.882	-.209
320	241	.142	.136	.750	-.283
320	242	.002	.114	.530	-.448
320	243	-.135	.103	.265	-.648
320	244	-.475	.204	-.071	-1.781
320	245	-.428	.179	-.018	-1.442
320	246	-.393	.157	.089	-1.290
320	247	-.404	.158	-.054	-1.793
320	248	-.386	.156	.091	-1.310
320	249	-.366	.147	.014	-.992
320	250	-.362	.141	.024	-1.008
320	251	-.345	.127	.064	-.921
320	252	-.328	.118	.102	-.907
320	253	-.305	.112	.086	-.859
320	254	-.279	.087	.005	-.674
320	255	-.291	.082	.019	-.943
320	256	.197	.169	.878	-.827
320	257	.201	.146	.924	-.230
320	258	.165	.135	.903	-.203
320	259	.063	.120	.737	-.264
320	260	-.062	.105	.473	-.470
320	261	-.222	.097	.126	-.652
320	262	-.430	.195	-.067	-1.876
320	263	-.468	.207	-.006	-1.602
320	264	-.428	.185	-.016	-1.554
320	265	-.426	.183	-.010	-1.462

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	266	-.434	.184	-.005	-1.760
320	267	-.405	.171	.028	-1.354
320	268	-.362	.117	-.008	-1.050
320	269	-.370	.138	.004	-1.113
320	270	-.338	.135	.346	-.994
320	271	-.306	.122	.215	-.912
320	272	-.297	.084	.031	-.686
320	273	-.279	.111	.509	-.758
320	274	.029	.122	.515	-.504
320	275	.045	.097	.470	-.302
320	276	-.037	.082	.298	-.302
320	277	-.057	.080	.471	-.355
320	278	-.146	.084	.278	-.443
320	279	-.270	.111	.051	-.741
320	280	-.520	.257	-.045	-1.705
320	281	-.420	.170	.008	-1.247
320	282	-.416	.196	.184	-1.424
320	283	-.399	.176	.215	-1.319
320	284	-.355	.167	.346	-1.126
320	285	-.391	.140	.236	-1.562
320	286	-.278	.139	.337	-.940
320	287	-.243	.121	.306	-1.095
320	288	-.205	.110	.429	-.949
320	289	-.228	.106	.331	-.801
320	290	-.139	.084	.263	-.607
320	291	-.114	.073	.231	-.530
320	292	-.081	.092	.361	-.494
320	293	-.071	.067	.287	-.307
320	294	-.134	.058	.203	-.355
320	295	-.046	.078	.580	-.282
320	296	-.030	.079	.400	-.268
320	297	-.044	.078	.446	-.276
320	298	.092	.090	.634	-.133
320	299	.104	.101	.564	-.200
320	300	.118	.101	.587	-.127
320	301	.068	.088	.518	-.166
320	302	.027	.087	.461	-.216
320	303	-.160	.078	.234	-.487
320	304	-.276	.121	.051	-1.017
320	305	-.255	.124	.052	-1.092
320	306	-.269	.135	.072	-1.228
320	307	-.381	.176	.036	-1.422
320	308	-.234	.127	.170	-.868
320	309	-.006	.103	.555	-.456
320	310	.034	.090	.648	-.251
320	311	.072	.098	.730	-.198
320	312	-.295	.129	-.011	-.958
320	313	-.173	.078	.045	-.657
320	314	-.202	.082	.058	-.556
320	315	-.058	.091	.332	-.429

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	316	-.043	.118	.582	-.519
320	320	-.067	.172	.667	-.630
320	321	-.622	.287	.231	-1.843
320	322	-.413	.194	.104	-1.340
320	323	-.410	.138	-.017	-1.208
320	400	-.387	.141	.024	-1.243
320	401	-.399	.146	.036	-1.261
320	402	-.421	.161	.107	-1.241
320	403	-.405	.186	.078	-1.389
320	404	-.386	.193	.070	-1.385
320	405	-.286	.134	.073	-.977
320	406	-.258	.112	.035	-.884
320	407	-.264	.126	.024	-1.591
320	408	-.219	.082	.024	-.689
320	409	-.201	.075	.022	-.648
320	410	-.199	.072	.057	-.577
320	411	-.201	.071	.005	-.585
320	412	-.208	.086	.010	-.799
320	413	-.202	.095	.027	-.924
320	414	-.373	.132	.196	-1.013
320	415	-.380	.132	.047	-.996
320	416	-.380	.145	.068	-1.244
320	417	-.358	.174	.135	-1.430
320	418	-.350	.173	.156	-1.593
320	419	-.363	.191	.164	-1.441
320	420	-.382	.141	-.025	-1.095
320	421	-.366	.139	.029	-1.159
320	422	-.374	.143	.118	-.980
320	423	-.377	.146	.135	-.963
320	424	-.352	.132	.096	-.932
320	425	-.327	.129	.135	-.866
320	426	-.313	.127	.147	-.869
320	427	-.303	.118	.128	-.977
320	428	-.270	.101	-.002	-.787
320	429	-.261	.102	.024	-.888
320	430	-.268	.095	-.021	-1.170
320	431	-.268	.104	-.012	-1.122
320	432	-.244	.075	.003	-.703
320	433	-.220	.063	-.038	-.518
320	434	-.234	.051	-.008	-.545
320	435	-.213	.044	-.083	-.471
320	436	-.214	.043	-.044	-.452
320	437	-.202	.044	-.031	-.403
320	438	-.349	.145	.050	-1.614
320	439	-.360	.148	.064	-1.332
320	440	-.359	.145	-.032	-1.177
320	441	-.329	.135	.008	-1.013
320	442	-.320	.125	.041	-1.020
320	443	-.314	.116	.012	-.913
320	444	-.289	.097	-.048	-.757

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	445	-.261	.090	-.007	-.681
320	446	-.255	.081	-.049	-.711
320	447	-.265	.083	.031	-.751
320	448	-.294	.073	-.041	-.614
320	449	-.245	.074	-.038	-.833
320	450	-.241	.061	-.054	-.719
320	451	-.237	.057	-.086	-.913
320	452	-.235	.047	-.081	-.554
320	453	-.208	.042	-.062	-.379
320	454	-.215	.043	-.058	-.372
320	455	-.225	.046	-.055	-.433
320	456	-.393	.164	-.062	-1.349
320	457	-.368	.156	-.048	-1.130
320	458	-.374	.155	.069	-1.105
320	459	-.371	.148	-.033	-1.044
320	460	-.346	.137	-.002	-1.172
320	461	-.310	.127	.003	-1.032
320	462	-.300	.113	-.025	-.869
320	463	-.294	.106	-.007	-.832
320	464	-.315	.108	-.000	-.976
320	465	-.280	.094	.066	-.871
320	466	-.267	.082	.113	-.673
320	467	-.274	.080	.012	-.696
320	468	-.256	.064	-.038	-.613
320	469	-.251	.062	-.066	-.613
320	470	-.232	.055	-.042	-.596
320	471	-.232	.051	-.064	-.719
320	472	-.238	.050	-.061	-.441
320	473	-.254	.056	-.082	-.499
320	474	-.376	.172	.083	-1.196
320	475	-.390	.159	.174	-1.090
320	476	-.382	.168	.197	-1.429
320	477	-.352	.158	.176	-1.390
320	478	-.279	.134	.202	-.854
320	479	-.265	.117	.157	-.799
320	480	-.207	.095	.163	-.713
320	481	-.190	.088	.138	-.809
320	482	-.159	.074	.103	-.517
320	483	-.213	.081	.196	-.692
320	484	-.303	.120	-.047	-.923
320	485	-.294	.116	.007	-.828
320	486	-.256	.101	.071	-.711
320	487	-.239	.090	.038	-.658
320	488	-.181	.065	.073	-.613
320	489	-.188	.065	.033	-.511
320	490	-.180	.062	.088	-.443
320	491	-.199	.061	.053	-.452
320	492	-.209	.123	.102	-1.001
320	493	-.241	.116	.135	-.734
320	494	-.166	.127	.271	-1.035

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	495	-.203	.063	-.012	-.495
320	496	-.195	.064	.050	-.440
320	497	-.186	.057	.056	-.402
320	498	-.176	.057	.123	-.427
320	499	-.139	.057	.096	-.349
320	500	-.159	.055	.058	-.428
320	501	-.144	.052	.046	-.426
320	502	-.146	.056	.054	-.415
320	510	-.277	.136	.051	-1.506
320	511	-.268	.117	.036	-1.178
320	512	-.259	.115	.010	-1.260
320	513	-.232	.082	-.006	-1.014
320	600	-.218	.107	.065	-.869
320	601	-.208	.108	.129	-1.167
320	602	-.206	.106	.106	-.794
320	603	-.243	.093	.060	-.849
320	604	-.232	.098	.028	-.928
320	605	-.226	.083	.034	-.783
320	606	-.213	.084	.015	-.696
320	607	-.204	.044	-.080	-.438
320	608	-.207	.045	-.071	-.428
320	609	-.197	.047	-.034	-.396
320	610	-.184	.051	-.035	-.481
320	611	-.189	.055	-.029	-.690
320	612	-.191	.054	-.024	-.539
320	613	-.189	.061	.029	-.965
320	614	-.223	.066	-.063	-.620
320	615	-.223	.061	-.048	-.571
320	616	-.215	.057	-.051	-.621
320	617	-.224	.049	-.044	-.489
320	618	-.198	.056	-.027	-.527
320	619	-.185	.058	.000	-.850
320	620	-.189	.058	.018	-.717
320	621	-.288	.083	-.012	-.780
320	622	-.272	.075	-.061	-.715
320	623	-.251	.073	-.007	-.718
320	624	-.261	.084	-.024	-1.015
320	625	-.284	.072	-.061	-.680
320	626	-.243	.072	.013	-.690
320	627	-.233	.069	.044	-.613
320	628	-.187	.061	.018	-.486
320	629	-.213	.067	.028	-.527
320	630	-.273	.083	.090	-.685
320	631	-.311	.095	-.034	-1.028
320	632	-.308	.098	-.065	-1.152
320	633	-.308	.087	-.095	-1.057
320	634	-.354	.085	-.098	-.844
320	635	-.116	.057	.083	-.376
320	636	-.144	.052	.073	-.519
320	637	-.141	.052	.070	-.364
320	638	-.123	.049	.109	-.367
320	639	-.140	.055	.121	-.392
320	640	-.101	.042	.096	-.237
320	641	-.093	.043	.128	-.232
320	642	-.125	.051	.118	-.282
320	643	-.090	.044	.152	-.231
320	644	-.098	.044	.068	-.249
320	645	-.097	.051	.161	-.379
320	646	-.106	.058	.156	-.426
320	647	-.150	.078	.195	-.630
320	648	-.324	.124	.052	-1.090
320	650	-.222	.061	-.039	-.671
320	651	-.233	.064	-.038	-.688
320	900	-.468	.228	.377	-1.600
320	901	-.207	.151	.284	-.920
320	902	-.147	.049	.109	-.346
320	903	-.220	.108	.086	-.994
320	904	-.450	.188	.122	-1.451
320	905	-.443	.184	.172	-1.537
320	906	-.198	.141	.449	-.906
320	907	-.069	.152	.458	-.659
320	908	-.535	.179	.036	-1.492
320	909	-.149	.138	.311	-.747
320	910	-.054	.166	.522	-.735
320	911	-.202	.061	.043	-.567
320	912	-.450	.200	.201	-1.213
320	913	.095	.140	.638	-.322
320	914	-.371	.109	.051	-.799
320	915	-.355	.138	.195	-.982
320	916	.122	.124	.658	-.330
320	917	-.547	.176	.011	-1.393
320	918	-.437	.198	.260	-1.554
320	919	.098	.124	.701	-.241
320	920	-.551	.243	.124	-2.353
330	100	-.121	.066	.154	-.384
330	101	.049	.090	.355	-.271
330	102	.059	.096	.390	-.288
330	103	.100	.101	.434	-.288
330	104	.123	.104	.479	-.257
330	105	.237	.116	.651	-.201
330	106	.285	.126	.767	-.302
330	107	-.089	.054	.155	-.262
330	108	.119	.083	.451	-.105
330	109	.251	.102	.550	-.124
330	110	.368	.121	.683	-.023
330	111	.439	.134	.792	.056
330	112	.487	.147	.901	.091
330	113	.514	.142	.950	.023
330	114	-.110	.068	.184	-.385
330	115	.091	.074	.411	-.155
330	116	.216	.090	.579	-.026
330	117	.319	.107	.707	.010
330	118	.380	.120	.832	.073
330	119	.427	.131	.908	.082
330	120	.431	.137	.924	.074
330	121	-.204	.068	.050	-.472
330	122	.048	.077	.389	-.178
330	123	.171	.089	.544	-.058
330	124	.267	.105	.638	-.015
330	125	.315	.118	.772	-.036
330	126	.345	.127	.855	.016
330	127	.339	.133	.816	-.082
330	128	-.243	.075	.038	-.574
330	129	-.040	.057	.228	-.278
330	130	.065	.066	.426	-.202
330	131	.121	.079	.441	-.119
330	132	.133	.082	.516	-.150
330	133	.147	.100	.695	-.166
330	134	.133	.105	.650	-.183
330	135	-.267	.100	.059	-.696
330	136	-.221	.124	.331	-.861
330	137	-.058	.080	.469	-.365
330	138	.025	.068	.347	-.366
330	139	.062	.089	.409	-.344
330	140	.177	.088	.589	-.044
330	141	.133	.086	.501	-.244
330	142	.109	.082	.481	-.126
330	143	.097	.098	.611	-.158
330	144	-.051	.139	.619	-.631
330	145	-.334	.111	.094	-.725
330	150	-.047	.069	.222	-.280
330	151	.130	.097	.448	-.195
330	200	.314	.128	.783	-.122
330	201	.291	.123	.708	-.109
330	202	.246	.115	.631	-.105
330	203	.185	.106	.530	-.184
330	204	.113	.117	.499	-.335
330	205	.000	.100	.387	-.453
330	206	-.544	.215	-.152	-1.613
330	207	-.383	.113	-.052	-.922
330	208	-.367	.103	-.044	-.997
330	209	-.329	.092	-.019	-.868
330	210	-.360	.105	-.019	-.891
330	211	-.379	.132	-.006	-1.309
330	212	-.378	.158	.292	-1.510
330	213	-.372	.155	.248	-1.355
330	214	-.355	.092	-.110	-.845
330	215	-.375	.108	-.085	-.982
330	216	-.377	.119	-.060	-1.070
330	217	-.371	.090	-.102	-.782

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	218	-.387	.109	-.103	-.872
330	219	-.367	.089	-.126	-.888
330	220	.508	.149	.936	-.019
330	221	.495	.144	.937	.038
330	222	.456	.137	.888	-.009
330	223	.335	.128	.790	-.013
330	224	.163	.110	.588	-.187
330	225	-.023	.091	.331	-.450
330	226	-.394	.145	-.111	-1.418
330	227	-.385	.103	-.019	-1.035
330	228	-.371	.097	-.080	-.839
330	229	-.377	.094	-.072	-1.104
330	230	-.371	.047	-.211	-.583
330	231	-.370	.094	-.114	-.939
330	232	-.372	.092	-.092	-.859
330	233	-.371	.092	-.109	-.826
330	234	-.363	.091	-.105	-.842
330	235	-.364	.093	-.044	-.840
330	236	-.367	.092	-.062	-.821
330	237	-.359	.084	-.069	-.865
330	238	.410	.141	.903	-.038
330	239	.402	.134	.856	-.049
330	240	.347	.132	.815	-.027
330	241	.205	.110	.672	-.144
330	242	.041	.089	.419	-.316
330	243	-.143	.095	.195	-.517
330	244	-.422	.090	-.177	-1.030
330	245	-.422	.098	-.063	-1.012
330	246	-.405	.093	-.043	-.926
330	247	-.418	.095	-.088	-1.218
330	248	-.423	.096	-.060	-.814
330	249	-.421	.097	.011	-.817
330	250	-.425	.096	-.019	-.914
330	251	-.431	.092	-.011	-.794
330	252	-.420	.090	-.063	-.911
330	253	-.421	.091	-.078	-.881
330	254	-.407	.089	-.053	-.781
330	255	-.435	.090	-.059	-.860
330	256	.290	.145	.765	-.253
330	257	.280	.126	.803	-.060
330	258	.229	.116	.655	-.075
330	259	.093	.099	.552	-.178
330	260	-.058	.086	.419	-.319
330	261	-.257	.094	.099	-.737
330	262	-.546	.173	-.174	-1.505
330	263	-.513	.127	-.087	-1.118
330	264	-.494	.120	-.118	-1.134
330	265	-.507	.125	-.171	-1.323
330	266	-.511	.124	-.146	-1.154
330	267	-.511	.119	-.154	-1.264
330	268	-.512	.118	.006	-1.531
330	269	-.526	.119	-.139	-1.053
330	270	-.514	.112	-.167	-.999
330	271	-.487	.111	-.156	-1.037
330	272	-.449	.104	-.092	-.865
330	273	-.430	.105	-.083	-.922
330	274	.134	.116	.610	-.243
330	275	.126	.098	.529	-.144
330	276	-.034	.077	.379	-.273
330	277	-.046	.076	.266	-.256
330	278	-.191	.079	.123	-.693
330	279	-.387	.114	-.029	-.927
330	280	-.798	.326	-.123	-2.160
330	281	-.629	.199	-.015	-1.594
330	282	-.677	.228	.026	-1.989
330	283	-.697	.221	-.158	-2.074
330	284	-.664	.198	-.087	-1.498
330	285	-.590	.152	.198	-1.273
330	286	-.537	.166	.050	-1.155
330	287	-.440	.148	.156	-1.066
330	288	-.367	.143	.176	-.973
330	289	-.331	.132	.305	-.973
330	290	-.180	.108	.307	-.619
330	291	-.120	.087	.289	-.441
330	292	-.062	.106	.588	-.502
330	293	-.095	.081	.308	-.367
330	294	-.151	.081	.363	-.627
330	295	-.044	.113	.461	-.464
330	296	-.031	.094	.398	-.401
330	297	-.035	.090	.361	-.365
330	298	.088	.086	.518	-.161
330	299	.126	.108	.896	-.120
330	300	.154	.106	.887	-.078
330	301	.082	.088	.658	-.113
330	302	.040	.083	.441	-.205
330	303	-.283	.091	.026	-.716
330	304	-.470	.159	-.034	-1.183
330	305	-.469	.174	-.063	-1.399
330	306	-.498	.182	-.104	-1.407
330	307	-.556	.225	.050	-1.892
330	308	-.265	.153	.280	-1.045
330	309	.096	.123	.659	-.530
330	310	.074	.104	.598	-.329
330	311	.133	.120	.660	-.211
330	312	-.437	.136	-.007	-1.059
330	313	-.271	.087	.011	-.731
330	314	-.327	.124	-.013	-1.147
330	315	-.040	.109	.465	-.487
330	316	-.016	.165	.796	-.541
330	320	.025	.096	.306	-.373
330	321	-.437	.167	-.092	-1.415
330	322	-.394	.114	.022	-.873
330	323	-.327	.092	.017	-.852
330	400	-.331	.090	.030	-.740
330	401	-.337	.090	.034	-.766
330	402	-.354	.088	-.110	-.774
330	403	-.361	.099	-.077	-.938
330	404	-.352	.102	-.058	-.968
330	405	-.329	.143	.132	-1.199
330	406	-.289	.112	.113	-.930
330	407	-.323	.124	.165	-1.018
330	408	-.262	.096	.052	-.739
330	409	-.242	.092	.059	-.657
330	410	-.242	.092	.058	-.716
330	411	-.247	.087	.069	-.669
330	412	-.259	.092	.057	-.701
330	413	-.257	.093	.073	-.667
330	414	-.353	.089	-.111	-.865
330	415	-.353	.084	-.122	-.753
330	416	-.354	.085	-.100	-.964
330	417	-.343	.088	-.043	-.885
330	418	-.344	.086	-.092	-.823
330	419	-.336	.094	-.007	-.982
330	420	-.340	.081	-.082	-.661
330	421	-.337	.081	-.084	-.737
330	422	-.343	.079	-.080	-.720
330	423	-.347	.080	-.105	-.736
330	424	-.345	.082	.073	-.868
330	425	-.334	.080	.073	-.832
330	426	-.340	.076	-.047	-.713
330	427	-.339	.075	-.057	-.719
330	428	-.351	.078	-.086	-.654
330	429	-.366	.084	-.099	-.800
330	430	-.346	.075	-.080	-.661
330	431	-.389	.108	-.084	-.961
330	432	-.315	.074	.040	-.633
330	433	-.282	.068	.025	-.545
330	434	-.270	.067	.188	-.516
330	435	-.259	.062	.021	-.588
330	436	-.265	.059	.057	-.542
330	437	-.261	.058	-.004	-.507
330	438	-.433	.102	-.147	-1.006
330	439	-.440	.102	-.141	-.987
330	440	-.438	.102	-.107	-.898
330	441	-.422	.101	-.092	-.820
330	442	-.426	.101	-.116	-.911
330	443	-.427	.098	-.117	-.884
330	444	-.437	.097	-.166	-.877
330	445	-.420	.097	-.152	-.941
330	446	-.424	.096	-.161	-.899

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	447	-.466	.114	-.132	-1.049
330	448	-.435	.095	-.182	-.842
330	449	-.430	.129	-.021	-1.099
330	450	-.364	.089	.084	-.804
330	451	-.331	.079	.162	-.693
330	452	-.314	.065	-.018	-.570
330	453	-.278	.062	.049	-.538
330	454	-.286	.063	.041	-.599
330	455	-.298	.068	.160	-.631
330	456	-.521	.139	-.128	-1.323
330	457	-.497	.133	-.135	-1.222
330	458	-.516	.138	-.147	-1.194
330	459	-.520	.137	-.167	-1.216
330	460	-.544	.136	-.168	-1.295
330	461	-.515	.129	-.131	-1.244
330	462	-.509	.128	-.152	-1.080
330	463	-.498	.129	-.031	-1.078
330	464	-.445	.125	-.064	-1.013
330	465	-.413	.124	.011	-.965
330	466	-.402	.101	-.112	-.824
330	467	-.362	.107	-.066	-.916
330	468	-.376	.092	-.006	-.818
330	469	-.333	.082	-.022	-.712
330	470	-.342	.081	-.043	-.697
330	471	-.301	.078	.011	-.619
330	472	-.326	.084	.018	-.684
330	473	-.376	.094	-.044	-.857
330	474	-.533	.207	.159	-1.588
330	475	-.535	.191	.152	-1.331
330	476	-.536	.209	.193	-1.503
330	477	-.473	.191	.203	-1.234
330	478	-.399	.162	.096	-1.028
330	479	-.358	.143	.085	-.979
330	480	-.253	.116	.208	-.859
330	481	-.220	.107	.213	-.753
330	482	-.178	.087	.121	-.610
330	483	-.210	.089	.092	-.705
330	484	-.351	.145	.041	-1.105
330	485	-.268	.133	.073	-.924
330	486	-.245	.117	.137	-.882
330	487	-.214	.098	.053	-.713
330	488	-.186	.079	.067	-.586
330	489	-.207	.085	.047	-.578
330	490	-.207	.079	.033	-.567
330	491	-.214	.079	.024	-.567
330	492	-.283	.130	.025	-1.158
330	493	-.324	.147	.392	-.887
330	494	-.207	.135	.321	-.835
330	495	-.176	.072	.081	-.487
330	496	-.165	.065	.063	-.437

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	497	-.173	.067	.139	-.482
330	498	-.155	.062	.098	-.479
330	499	-.150	.064	.119	-.457
330	500	-.158	.068	.036	-.454
330	501	-.136	.061	.060	-.406
330	502	-.137	.061	.061	-.453
330	510	-.351	.131	.015	-1.069
330	511	-.330	.107	.062	-.964
330	512	-.316	.114	.015	-.962
330	513	-.271	.087	.003	-.768
330	600	-.320	.115	.114	-.938
330	601	-.310	.105	.034	-.854
330	602	-.312	.098	.056	-.811
330	603	-.302	.084	.015	-.835
330	604	-.321	.072	-.006	-.700
330	605	-.307	.063	-.090	-.565
330	606	-.293	.064	-.066	-.525
330	607	-.296	.058	-.061	-.659
330	608	-.296	.055	-.077	-.587
330	609	-.286	.048	-.126	-.517
330	610	-.272	.047	-.129	-.504
330	611	-.269	.046	-.139	-.491
330	612	-.271	.046	-.133	-.493
330	613	-.263	.046	-.083	-.438
330	614	-.333	.071	-.105	-.633
330	615	-.324	.066	-.132	-.645
330	616	-.318	.059	-.137	-.800
330	617	-.323	.067	-.139	-.734
330	618	-.293	.057	-.119	-.603
330	619	-.272	.057	-.073	-.577
330	620	-.274	.057	-.093	-.588
330	621	-.474	.123	-.114	-1.084
330	622	-.427	.095	-.167	-.865
330	623	-.395	.084	-.197	-.952
330	624	-.408	.095	-.166	-1.000
330	625	-.436	.096	-.195	-.920
330	626	-.378	.083	-.151	-.844
330	627	-.371	.088	-.092	-.944
330	628	-.267	.089	.092	-.614
330	629	-.305	.093	.049	-.682
330	630	-.415	.107	.033	-.869
330	631	-.476	.110	-.124	-1.277
330	632	-.476	.118	-.176	-1.260
330	633	-.469	.103	-.219	-1.051
330	634	-.485	.122	-.155	-1.850
330	635	-.130	.075	.142	-.484
330	636	-.142	.060	.120	-.443
330	637	-.143	.061	.066	-.414
330	638	-.119	.059	.103	-.366
330	639	-.130	.065	.076	-.382

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	640	-.098	.050	.094	-.305
330	641	-.098	.044	.097	-.232
330	642	-.134	.050	.091	-.304
330	643	-.091	.041	.100	-.229
330	644	-.105	.041	.069	-.267
330	645	-.109	.048	.085	-.271
330	646	-.109	.056	.100	-.316
330	647	-.144	.080	.196	-.445
330	648	-.391	.134	.038	-.957
330	650	-.266	.056	-.082	-.596
330	651	-.276	.058	-.074	-.624
330	900	-.437	.154	.016	-1.335
330	901	-.335	.139	.176	-1.029
330	902	-.157	.064	.091	-.498
330	903	-.263	.135	.111	-1.163
330	904	-.403	.126	-.083	-1.589
330	905	-.402	.131	.052	-1.046
330	906	-.321	.124	.211	-.926
330	907	-.260	.146	.476	-.896
330	908	-.389	.097	-.081	-.879
330	909	-.302	.118	.206	-1.049
330	910	-.260	.138	.312	-.855
330	911	-.218	.078	.063	-.566
330	912	-.391	.108	-.098	-1.003
330	913	.165	.146	.856	-.207
330	914	-.349	.072	-.132	-.787
330	915	-.358	.082	-.118	-.965
330	916	.139	.106	.748	-.194
330	917	-.399	.099	-.127	-1.100
330	918	-.419	.132	-.091	-1.243
330	919	.121	.120	.749	-.219
330	920	-.433	.141	-.080	-1.222
340	100	-.063	.078	.235	-.361
340	101	.062	.103	.417	-.322
340	102	.150	.105	.541	-.205
340	103	.179	.109	.641	-.193
340	104	.193	.111	.587	-.234
340	105	.284	.118	.678	-.154
340	106	.320	.125	.735	-.146
340	107	-.082	.077	.248	-.352
340	108	.191	.103	.610	-.089
340	109	.331	.122	.763	-.093
340	110	.443	.137	.905	-.023
340	111	.497	.146	.978	.015
340	112	.513	.152	.940	.034
340	113	.516	.148	.947	.010
340	114	-.180	.081	.183	-.517
340	115	.123	.103	.567	-.196
340	116	.274	.119	.698	-.057
340	117	.384	.133	.847	.020

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	118	.437	.137	.963	.098
340	119	.448	.143	.917	.064
340	120	.420	.147	.902	.029
340	121	-.276	.085	.073	-.552
340	122	.059	.092	.603	-.238
340	123	.203	.104	.775	-.109
340	124	.302	.118	.816	.010
340	125	.343	.127	.847	.015
340	126	.360	.130	.838	-.070
340	127	.330	.133	.789	-.139
340	128	-.331	.100	.046	-.780
340	129	-.026	.061	.276	-.260
340	130	.089	.065	.378	-.127
340	131	.151	.075	.603	-.077
340	132	.158	.078	.513	-.087
340	133	.173	.098	.608	-.119
340	134	.155	.107	.587	-.194
340	135	-.218	.079	.044	-.600
340	136	-.202	.107	.196	-.714
340	137	-.065	.068	.276	-.322
340	138	.021	.061	.250	-.268
340	139	.048	.091	.379	-.372
340	140	.188	.088	.574	-.153
340	141	.120	.083	.502	-.172
340	142	.086	.073	.450	-.166
340	143	.052	.073	.392	-.168
340	144	-.139	.110	.388	-.673
340	145	-.420	.107	-.093	-.932
340	150	-.058	.087	.265	-.401
340	151	.160	.118	.554	-.252
340	200	.244	.130	.667	-.240
340	201	.228	.118	.654	-.127
340	202	.170	.110	.545	-.194
340	203	.090	.101	.444	-.375
340	204	.016	.097	.384	-.358
340	205	-.076	.089	.194	-.428
340	206	-.409	.134	-.041	-1.451
340	207	-.393	.114	-.081	-.940
340	208	-.338	.108	-.012	-.963
340	209	-.289	.097	.096	-.877
340	210	-.339	.100	.082	-.810
340	211	-.358	.136	.313	-1.177
340	212	-.349	.134	.200	-1.152
340	213	-.341	.134	.151	-1.231
340	214	-.337	.085	.102	-1.044
340	215	-.356	.095	.168	-.854
340	216	-.356	.107	.226	-.945
340	217	-.337	.073	.018	-.658
340	218	-.362	.090	-.033	-.885
340	219	-.374	.077	-.160	-1.105

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	220	.432	.157	.872	-.169
340	221	.432	.138	.834	.025
340	222	.376	.128	.756	.004
340	223	.259	.116	.628	-.106
340	224	.102	.098	.449	-.270
340	225	-.065	.079	.294	-.386
340	226	-.334	.093	-.081	-1.072
340	227	-.351	.087	-.048	-.774
340	228	-.355	.088	-.074	-1.029
340	229	-.359	.082	-.127	-.996
340	230	-.367	.039	-.262	-.528
340	231	-.380	.084	-.131	-1.061
340	232	-.379	.082	-.140	-.878
340	233	-.375	.080	-.140	-.710
340	234	-.381	.079	-.169	-.712
340	235	-.387	.078	-.123	-.745
340	236	-.394	.079	-.110	-.722
340	237	-.384	.082	-.048	-.889
340	238	.374	.155	.896	-.165
340	239	.368	.136	.854	-.061
340	240	.294	.137	.772	-.079
340	241	.173	.113	.551	-.138
340	242	.001	.091	.356	-.299
340	243	-.194	.106	.149	-.539
340	244	-.514	.113	-.200	-1.225
340	245	-.498	.116	-.126	-1.148
340	246	-.489	.112	-.109	-1.013
340	247	-.505	.109	-.151	-.913
340	248	-.497	.110	-.148	-1.396
340	249	-.473	.109	-.151	-1.316
340	250	-.491	.107	-.158	-1.070
340	251	-.508	.104	-.199	-1.038
340	252	-.533	.104	-.208	-1.199
340	253	-.532	.107	-.177	-1.084
340	254	-.527	.106	-.198	-.961
340	255	-.491	.105	-.066	-.906
340	256	.263	.151	.743	-.218
340	257	.244	.122	.641	-.203
340	258	.205	.110	.623	-.076
340	259	.066	.096	.474	-.189
340	260	-.104	.085	.246	-.421
340	261	-.306	.083	.052	-.658
340	262	-.568	.146	-.238	-1.590
340	263	-.613	.142	-.172	-1.407
340	264	-.605	.135	-.038	-1.398
340	265	-.618	.143	-.199	-1.931
340	266	-.618	.140	-.260	-1.280
340	267	-.599	.128	-.243	-1.233
340	268	-.566	.113	-.249	-1.198
340	269	-.642	.125	-.242	-1.233

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	270	-.647	.128	-.269	-1.266
340	271	-.589	.129	-.195	-1.139
340	272	-.482	.107	-.117	-1.001
340	273	-.505	.118	-.125	-1.006
340	274	.087	.117	.522	-.481
340	275	.101	.092	.485	-.227
340	276	-.015	.076	.346	-.200
340	277	-.073	.071	.260	-.347
340	278	-.228	.072	.075	-.514
340	279	-.459	.109	-.119	-.918
340	280	-.958	.341	-.243	-2.475
340	281	-.748	.182	-.083	-1.469
340	282	-.788	.241	-.082	-2.266
340	283	-.797	.232	-.122	-2.086
340	284	-.742	.210	-.027	-1.575
340	285	-.712	.152	-.217	-1.414
340	286	-.580	.180	.217	-1.336
340	287	-.498	.181	.135	-1.232
340	288	-.382	.175	.211	-1.024
340	289	-.406	.148	.231	-.880
340	290	-.156	.116	.413	-.634
340	291	-.110	.085	.354	-.505
340	292	-.028	.101	.423	-.551
340	293	-.073	.069	.265	-.339
340	294	-.123	.068	.143	-.375
340	295	-.024	.095	.375	-.438
340	296	.005	.072	.287	-.282
340	297	-.014	.071	.260	-.271
340	298	.066	.073	.475	-.144
340	299	.115	.099	.529	-.181
340	300	.155	.099	.620	-.059
340	301	.064	.085	.563	-.137
340	302	.023	.077	.423	-.213
340	303	-.349	.090	-.079	-.808
340	304	-.462	.132	-.134	-1.213
340	305	-.435	.146	-.089	-1.120
340	306	-.476	.159	-.116	-1.192
340	307	-.698	.227	-.175	-1.913
340	308	-.360	.151	.093	-1.259
340	309	.068	.105	.669	-.328
340	310	.071	.094	.625	-.208
340	311	.131	.104	.698	-.138
340	312	-.492	.132	-.099	-1.312
340	313	-.323	.083	.014	-.698
340	314	-.356	.101	-.067	-.938
340	315	-.110	.096	.402	-.464
340	316	-.078	.154	.655	-.522
340	320	-.018	.085	.279	-.293
340	321	-.343	.112	-.029	-1.113
340	322	-.332	.101	-.018	-.950

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	323	-.304	.091	-.009	-1.181
340	400	-.314	.098	.003	-.911
340	401	-.315	.096	.033	-.902
340	402	-.333	.088	-.047	-.742
340	403	-.344	.092	.181	-.753
340	404	-.340	.095	.190	-.792
340	405	-.337	.132	.118	-1.342
340	406	-.327	.130	.145	-1.196
340	407	-.282	.121	.173	-.770
340	408	-.271	.121	.098	-.923
340	409	-.264	.115	.122	-.865
340	410	-.275	.111	.134	-.959
340	411	-.300	.100	.094	-.819
340	412	-.327	.101	.098	-.804
340	413	-.336	.105	.167	-.898
340	414	-.380	.091	-.133	-.801
340	415	-.366	.080	-.131	-.762
340	416	-.354	.073	-.007	-.785
340	417	-.347	.077	-.055	-.830
340	418	-.347	.077	-.101	-.826
340	419	-.344	.090	.047	-.891
340	420	-.368	.086	-.050	-.765
340	421	-.368	.087	-.040	-.815
340	422	-.369	.083	-.111	-.833
340	423	-.369	.082	-.124	-.943
340	424	-.375	.078	-.106	-.884
340	425	-.370	.077	-.113	-.853
340	426	-.374	.078	-.091	-.826
340	427	-.374	.080	-.032	-.869
340	428	-.385	.089	-.048	-.836
340	429	-.414	.092	-.146	-.800
340	430	-.382	.075	-.093	-.691
340	431	-.410	.116	-.067	-1.022
340	432	-.362	.097	.083	-.785
340	433	-.343	.095	.134	-.784
340	434	-.385	.106	.157	-.852
340	435	-.377	.093	.116	-.846
340	436	-.403	.099	-.004	-.799
340	437	-.420	.103	.041	-.885
340	438	-.489	.108	-.138	-1.087
340	439	-.491	.106	-.191	-1.106
340	440	-.487	.100	-.177	-.833
340	441	-.477	.101	-.118	-.810
340	442	-.481	.102	-.106	-.868
340	443	-.482	.100	-.178	-.923
340	444	-.506	.104	-.136	-.952
340	445	-.496	.107	-.148	-.931
340	446	-.493	.110	-.061	-.932
340	447	-.556	.137	-.104	-1.207
340	448	-.475	.106	-.081	-.844
340	449	-.459	.125	.056	-1.148
340	450	-.428	.102	.000	-.870
340	451	-.410	.098	.037	-.787
340	452	-.417	.094	.103	-.860
340	453	-.432	.100	-.005	-.848
340	454	-.472	.105	-.017	-.873
340	455	-.507	.113	-.047	-.997
340	456	-.600	.130	-.240	-1.205
340	457	-.582	.128	-.224	-1.135
340	458	-.597	.133	-.217	-1.272
340	459	-.599	.131	-.250	-1.269
340	460	-.636	.120	-.284	-1.193
340	461	-.614	.115	-.312	-1.123
340	462	-.607	.117	-.185	-1.142
340	463	-.588	.117	-.191	-1.101
340	464	-.557	.128	-.089	-1.088
340	465	-.495	.130	-.092	-1.134
340	466	-.414	.105	-.001	-.801
340	467	-.416	.111	-.023	-.936
340	468	-.460	.155	-.006	-1.187
340	469	-.437	.131	.002	-.896
340	470	-.484	.134	.074	-1.329
340	471	-.468	.128	-.015	-.998
340	472	-.511	.129	-.084	-.996
340	473	-.550	.133	-.131	-1.093
340	474	-.780	.203	-.199	-1.765
340	475	-.764	.180	-.225	-1.559
340	476	-.788	.189	-.227	-1.682
340	477	-.739	.180	-.148	-1.719
340	478	-.615	.166	-.048	-1.291
340	479	-.542	.157	.096	-1.296
340	480	-.368	.144	.087	-.998
340	481	-.302	.132	.145	-.945
340	482	-.202	.094	.098	-.819
340	483	-.231	.094	.076	-.753
340	484	-.361	.160	.167	-1.015
340	485	-.321	.164	.195	-1.135
340	486	-.297	.177	.162	-1.291
340	487	-.249	.134	.188	-.966
340	488	-.259	.112	.085	-.860
340	489	-.245	.091	.007	-.696
340	490	-.226	.093	.080	-.655
340	491	-.218	.090	.033	-.648
340	492	-.414	.127	-.081	-1.054
340	493	-.456	.141	-.042	-1.080
340	494	-.327	.152	.133	-1.043
340	495	-.169	.088	.264	-.576
340	496	-.172	.071	.071	-.490
340	497	-.248	.135	.055	-1.174
340	498	-.218	.094	.123	-.780
340	499	-.224	.090	.059	-.607
340	500	-.208	.076	-.022	-.673
340	501	-.193	.071	.004	-.554
340	502	-.192	.076	.108	-.597
340	510	-.344	.111	.067	-.964
340	511	-.349	.111	.021	-1.175
340	512	-.337	.112	.020	-.947
340	513	-.343	.118	.008	-1.003
340	600	-.397	.128	.038	-1.077
340	601	-.377	.110	.119	-1.215
340	602	-.365	.101	.232	-1.151
340	603	-.413	.092	-.079	-1.061
340	604	-.367	.089	-.127	-.965
340	605	-.348	.072	-.047	-.682
340	606	-.336	.074	-.040	-.654
340	607	-.496	.118	-.124	-1.144
340	608	-.483	.112	-.120	-.977
340	609	-.432	.093	-.166	-.885
340	610	-.400	.084	-.170	-.777
340	611	-.386	.079	-.126	-.726
340	612	-.377	.077	-.120	-.684
340	613	-.371	.078	-.150	-.671
340	614	-.595	.144	-.144	-1.609
340	615	-.567	.131	-.105	-1.220
340	616	-.540	.121	-.215	-1.142
340	617	-.537	.114	-.217	-1.148
340	618	-.501	.109	-.175	-1.098
340	619	-.474	.106	-.132	-.900
340	620	-.472	.107	-.084	-.892
340	621	-.588	.150	-.052	-1.228
340	622	-.564	.142	-.031	-1.083
340	623	-.621	.139	-.189	-1.125
340	624	-.640	.140	-.287	-1.253
340	625	-.639	.129	-.286	-1.293
340	626	-.599	.119	-.238	-1.089
340	627	-.615	.116	-.109	-1.194
340	628	-.200	.097	.132	-.619
340	629	-.197	.108	.133	-.682
340	630	-.268	.172	.178	-.919
340	631	-.388	.235	.319	-1.276
340	632	-.714	.222	.234	-1.694
340	633	-.738	.206	-.177	-2.333
340	634	-.772	.209	-.200	-1.748
340	635	-.148	.079	.261	-.501
340	636	-.153	.057	.091	-.595
340	637	-.155	.057	.043	-.365
340	638	-.127	.053	.057	-.439
340	639	-.123	.053	.079	-.433
340	640	-.131	.049	.091	-.342
340	641	-.119	.041	.051	-.320

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	642	-.134	.044	.018	-.296
340	643	-.098	.037	.034	-.225
340	644	-.108	.036	.044	-.257
340	645	-.111	.041	.048	-.282
340	646	-.115	.044	.070	-.300
340	647	-.153	.067	.168	-.557
340	648	-.304	.115	-.019	-.877
340	650	-.383	.072	-.163	-.706
340	651	-.391	.074	-.170	-.732
340	900	-.437	.103	-.124	-1.073
340	901	-.373	.102	.004	-.822
340	902	-.163	.067	.093	-.512
340	903	-.270	.149	.166	-1.463
340	904	-.421	.087	-.143	-.952
340	905	-.425	.112	-.058	-1.119
340	906	-.377	.121	.060	-1.044
340	907	-.282	.170	.470	-1.295
340	908	-.430	.101	-.179	-.927
340	909	-.351	.153	.250	-1.225
340	910	-.300	.181	.411	-1.130
340	911	-.193	.089	.101	-.774
340	912	-.483	.147	-.093	-1.198
340	913	-.139	.157	.762	-.208
340	914	-.348	.078	-.119	-.669
340	915	-.348	.083	-.057	-.910
340	916	-.130	.101	.574	-.175
340	917	-.443	.143	-.139	-1.664
340	918	-.524	.198	.248	-1.670
340	919	.111	.118	.728	-.174
340	920	-.523	.214	-.006	-1.910
350	100	-.049	.093	.283	-.331
350	101	.097	.120	.456	-.386
350	102	.161	.112	.516	-.177
350	103	.174	.115	.564	-.203
350	104	.175	.118	.617	-.200
350	105	.250	.130	.676	-.151
350	106	.264	.134	.671	-.147
350	107	-.063	.087	.294	-.427
350	108	.251	.115	.702	-.190
350	109	.415	.124	.830	.036
350	110	.514	.130	.953	.148
350	111	.544	.134	1.047	.167
350	112	.517	.136	.945	.123
350	113	.428	.148	.961	-.049
350	114	-.122	.092	.251	-.463
350	115	.171	.113	.528	-.246
350	116	.312	.128	.684	-.071
350	117	.403	.139	.814	.038
350	118	.478	.141	.958	-.009
350	119	.460	.141	1.042	-.037
350	120	.404	.142	1.025	-.076
350	121	-.279	.102	.203	-.756
350	122	.091	.107	.560	-.215
350	123	.228	.113	.651	-.071
350	124	.310	.121	.737	-.037
350	125	.336	.127	.816	-.028
350	126	.347	.138	.856	-.021
350	127	.303	.139	.781	-.066
350	128	-.292	.105	.121	-.784
350	129	-.016	.066	.244	-.256
350	130	.092	.065	.377	-.123
350	131	.150	.068	.482	-.033
350	132	.158	.070	.477	-.044
350	133	.164	.088	.583	-.059
350	134	.134	.100	.605	-.173
350	135	-.193	.087	.117	-.654
350	136	-.148	.118	.251	-.749
350	137	-.021	.079	.323	-.369
350	138	.050	.071	.406	-.404
350	139	.094	.089	.417	-.313
350	140	.198	.088	.592	-.137
350	141	.141	.089	.535	-.145
350	142	.110	.079	.435	-.268
350	143	.063	.065	.358	-.180
350	144	-.098	.092	.253	-.594
350	145	-.400	.102	-.148	-.995
350	150	-.031	.101	.303	-.500
350	151	.225	.134	.695	-.290
350	200	.057	.154	.615	-.588
350	201	.101	.109	.591	-.465
350	202	.039	.101	.461	-.360
350	203	-.013	.085	.278	-.292
350	204	-.115	.090	.227	-.529
350	205	-.213	.084	.060	-.670
350	206	-.405	.104	-.068	-1.068
350	207	-.371	.103	-.041	-.988
350	208	-.330	.091	-.017	-.922
350	209	-.371	.103	.026	-.904
350	210	-.320	.129	.310	-.834
350	211	-.352	.146	.560	-1.046
350	212	-.379	.126	.159	-.996
350	213	-.375	.113	.089	-.987
350	214	-.348	.098	.061	-.844
350	215	-.366	.100	.191	-.882
350	216	-.377	.106	.268	-.848
350	217	-.356	.083	-.066	-.778
350	218	-.374	.091	-.001	-.834
350	219	-.431	.107	-.116	-.942
350	220	.249	.170	.755	-.387
350	221	.320	.130	.700	-.189
350	222	.274	.112	.632	-.090
350	223	.148	.096	.499	-.120
350	224	.000	.079	.310	-.251
350	225	-.242	.141	.107	-.703
350	226	-.360	.075	-.097	-.828
350	227	-.377	.076	-.098	-.858
350	228	-.334	.073	-.051	-.667
350	229	-.344	.066	-.096	-.721
350	230	-.365	.032	-.249	-.462
350	231	-.357	.063	-.097	-.638
350	232	-.378	.063	-.096	-.665
350	233	-.364	.062	-.160	-.667
350	234	-.381	.063	-.149	-.633
350	235	-.401	.063	-.193	-.703
350	236	-.442	.072	-.216	-.802
350	237	-.413	.071	-.090	-.799
350	238	.197	.176	.685	-.549
350	239	.245	.139	.677	-.296
350	240	.220	.110	.707	-.118
350	241	.109	.091	.529	-.154
350	242	-.043	.081	.266	-.293
350	243	-.103	.066	.141	-.335
350	244	-.427	.113	-.096	-.883
350	245	-.413	.118	-.060	-.934
350	246	-.421	.120	-.064	-1.123
350	247	-.452	.115	-.122	-.971
350	248	-.458	.122	-.134	-1.036
350	249	-.444	.114	-.094	-1.148
350	250	-.469	.109	-.135	-.982
350	251	-.490	.101	-.151	-1.021
350	252	-.504	.095	-.106	-.835
350	253	-.497	.097	-.186	-.890
350	254	-.476	.091	-.211	-.840
350	255	-.397	.075	-.084	-.785
350	256	.132	.158	.661	-.460
350	257	.174	.120	.555	-.504
350	258	.148	.095	.476	-.168
350	259	.014	.082	.313	-.241
350	260	-.143	.074	.129	-.436
350	261	-.249	.074	-.000	-.562
350	262	-.423	.110	-.061	-1.211
350	263	-.586	.145	-.241	-1.357
350	264	-.591	.139	-.260	-1.251
350	265	-.609	.142	-.257	-1.357
350	266	-.590	.138	-.251	-1.505
350	267	-.570	.119	-.209	-1.125
350	268	-.454	.099	-.202	-.852
350	269	-.606	.117	-.281	-1.069
350	270	-.575	.120	-.211	-1.036
350	271	-.491	.125	-.113	-.978

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	272	-.408	.086	-.131	-.726
350	273	-.392	.109	-.012	-.868
350	274	.024	.137	.481	-.690
350	275	.072	.089	.428	-.299
350	276	-.026	.079	.500	-.213
350	277	-.085	.064	.230	-.329
350	278	-.234	.075	.107	-.518
350	279	-.374	.090	-.057	-.770
350	280	-.716	.242	-.275	-1.769
350	281	-.613	.145	-.271	-1.306
350	282	-.818	.223	-.245	-1.970
350	283	-.806	.216	-.258	-1.822
350	284	-.752	.197	-.198	-1.525
350	285	-.619	.135	-.225	-1.133
350	286	-.573	.179	.055	-1.242
350	287	-.508	.184	.231	-1.062
350	288	-.378	.182	.230	-1.028
350	289	-.413	.121	-.011	-.877
350	290	-.121	.112	.295	-.566
350	291	-.083	.083	.257	-.447
350	292	-.002	.097	.389	-.363
350	293	-.061	.064	.186	-.331
350	294	-.108	.076	.189	-.513
350	295	-.017	.091	.347	-.459
350	296	.000	.067	.322	-.237
350	297	-.017	.065	.261	-.199
350	298	.064	.068	.374	-.178
350	299	.096	.085	.498	-.172
350	300	.130	.084	.506	-.076
350	301	.040	.071	.355	-.173
350	302	.023	.085	.428	-.293
350	303	-.355	.085	-.108	-.705
350	304	-.496	.132	-.163	-1.188
350	305	-.461	.149	-.140	-1.304
350	306	-.510	.169	-.173	-1.484
350	307	-.712	.194	-.177	-1.669
350	308	-.452	.145	.019	-1.036
350	309	.063	.112	.587	-.285
350	310	.042	.079	.374	-.282
350	311	-.097	.086	.481	-.184
350	312	-.512	.124	-.204	-1.170
350	313	-.343	.080	-.055	-.698
350	314	-.383	.101	-.101	-.878
350	315	-.150	.096	.242	-.442
350	316	-.117	.142	.518	-.531
350	320	-.146	.076	.117	-.388
350	321	-.409	.103	-.136	-.876
350	322	-.416	.110	-.116	-.855
350	323	-.391	.107	-.093	-.819
350	400	-.260	.095	.074	-.660
350	401	-.288	.101	.102	-.650
350	402	-.344	.103	.042	-.838
350	403	-.348	.105	.023	-.919
350	404	-.325	.110	.074	-.716
350	405	-.428	.158	.086	-1.439
350	406	-.464	.179	-.033	-2.041
350	407	-.400	.141	.050	-1.375
350	408	-.407	.145	.013	-1.351
350	409	-.374	.131	.036	-1.088
350	410	-.394	.125	.025	-1.037
350	411	-.410	.118	-.068	-1.042
350	412	-.414	.123	.015	-1.133
350	413	-.403	.129	-.009	-1.171
350	414	-.368	.074	-.120	-.688
350	415	-.372	.070	-.078	-.620
350	416	-.365	.074	-.120	-.652
350	417	-.333	.077	-.052	-.638
350	418	-.352	.079	-.040	-.720
350	419	-.350	.096	-.008	-.811
350	420	-.335	.075	-.073	-.855
350	421	-.318	.072	-.072	-.665
350	422	-.358	.073	-.127	-.715
350	423	-.365	.073	-.136	-.703
350	424	-.363	.068	-.144	-.730
350	425	-.341	.067	-.130	-.671
350	426	-.376	.066	-.157	-.690
350	427	-.384	.067	-.129	-.716
350	428	-.405	.080	-.078	-.887
350	429	-.445	.095	-.157	-.997
350	430	-.483	.108	-.165	-1.122
350	431	-.473	.108	-.071	-1.012
350	432	-.467	.128	.099	-1.152
350	433	-.439	.121	-.022	-1.116
350	434	-.512	.109	-.154	-.979
350	435	-.505	.116	.075	-1.049
350	436	-.538	.117	-.080	-1.113
350	437	-.527	.122	-.004	-1.083
350	438	-.438	.114	-.047	-.905
350	439	-.443	.112	-.101	-.906
350	440	-.452	.120	-.098	-.909
350	441	-.424	.119	-.117	-.957
350	442	-.459	.115	-.100	-.977
350	443	-.462	.112	-.149	-.969
350	444	-.477	.100	-.151	-.875
350	445	-.440	.100	-.117	-.829
350	446	-.455	.099	-.075	-.885
350	447	-.504	.126	-.101	-1.571
350	448	-.426	.089	-.034	-.758
350	449	-.414	.103	.024	-.877
350	450	-.451	.117	-.028	-.870
350	451	-.445	.111	-.018	-.803
350	452	-.488	.122	-.021	-1.010
350	453	-.509	.128	-.077	-1.153
350	454	-.586	.137	-.125	-1.226
350	455	-.627	.145	-.061	-1.315
350	456	-.588	.134	-.161	-1.206
350	457	-.548	.131	-.130	-1.126
350	458	-.584	.141	-.162	-1.368
350	459	-.587	.136	-.244	-1.200
350	460	-.622	.126	-.299	-1.189
350	461	-.575	.122	-.183	-1.091
350	462	-.580	.125	-.214	-1.012
350	463	-.553	.124	-.171	-1.029
350	464	-.443	.102	-.114	-1.068
350	465	-.415	.109	-.071	-1.045
350	466	-.427	.115	-.065	-1.220
350	467	-.394	.123	-.023	-.911
350	468	-.475	.133	-.075	-1.239
350	469	-.469	.126	-.014	-1.004
350	470	-.529	.138	-.018	-1.188
350	471	-.448	.145	-.064	-1.090
350	472	-.481	.155	-.060	-1.077
350	473	-.519	.159	-.041	-1.143
350	474	-.723	.178	-.175	-1.618
350	475	-.691	.156	-.317	-1.408
350	476	-.722	.165	-.316	-1.363
350	477	-.726	.154	-.292	-1.505
350	478	-.647	.150	-.137	-1.269
350	479	-.552	.144	.045	-1.127
350	480	-.354	.134	.235	-1.035
350	481	-.259	.114	.140	-.855
350	482	-.177	.084	.123	-.571
350	483	-.205	.103	.247	-.595
350	484	-.443	.224	.176	-1.525
350	485	-.313	.174	.239	-1.126
350	486	-.385	.231	.171	-1.644
350	487	-.324	.177	.163	-1.423
350	488	-.317	.134	.118	-1.167
350	489	-.322	.133	-.036	-.986
350	490	-.342	.156	.097	-1.300
350	491	-.315	.149	.106	-1.204
350	492	-.460	.130	-.159	-1.060
350	493	-.496	.135	-.079	-1.058
350	494	-.334	.154	.169	-1.099
350	495	-.193	.116	.181	-.904
350	496	-.203	.090	.141	-.778
350	497	-.334	.167	.071	-1.541
350	498	-.275	.110	.005	-.896
350	499	-.286	.092	.087	-.698
350	500	-.238	.087	-.017	-.755

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION A

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	501	-.231	.087	-.008	-.626
350	502	-.253	.101	-.012	-.759
350	510	-.418	.127	-.067	-1.245
350	511	-.463	.138	-.058	-1.370
350	512	-.441	.120	-.069	-1.123
350	513	-.467	.135	-.070	-1.507
350	600	-.468	.168	.273	-1.272
350	601	-.458	.143	.095	-1.230
350	602	-.470	.140	-.034	-1.122
350	603	-.605	.135	-.226	-1.622
350	604	-.485	.111	-.200	-1.360
350	605	-.459	.092	-.187	-1.002
350	606	-.445	.093	-.162	-.970
350	607	-.586	.142	-.194	-1.278
350	608	-.572	.134	-.139	-1.221
350	609	-.540	.114	-.175	-1.121
350	610	-.517	.103	-.086	-1.032
350	611	-.506	.091	-.227	-.840
350	612	-.496	.086	-.212	-.811
350	613	-.481	.090	-.173	-.877
350	614	-.669	.170	-.037	-1.486
350	615	-.641	.153	.020	-1.340
350	616	-.628	.140	-.190	-1.859
350	617	-.617	.119	-.309	-1.376
350	618	-.616	.119	-.303	-1.377
350	619	-.597	.105	-.287	-1.091
350	620	-.597	.105	-.280	-1.088
350	621	-.563	.201	-.067	-1.272
350	622	-.555	.196	.027	-1.292
350	623	-.667	.195	.192	-1.385
350	624	-.755	.180	.052	-1.465
350	625	-.698	.148	-.327	-1.498
350	626	-.710	.152	-.195	-1.796
350	627	-.710	.136	-.303	-1.507
350	628	-.206	.092	.123	-.651
350	629	-.175	.077	.105	-.626
350	630	-.154	.102	.193	-.792
350	631	-.236	.209	.306	-.998
350	632	-.632	.347	.703	-2.171
350	633	-.868	.298	-.040	-3.050
350	634	-.845	.241	-.239	-2.644
350	635	-.184	.068	.040	-.518
350	636	-.167	.054	.003	-.542
350	637	-.161	.060	.036	-.432
350	638	-.150	.056	.012	-.441
350	639	-.139	.050	.012	-.362
350	640	-.164	.043	-.024	-.323
350	641	-.117	.038	.021	-.273
350	642	-.139	.042	.012	-.322
350	643	-.104	.034	.022	-.239
350	644	-.106	.034	.018	-.232
350	645	-.090	.037	.049	-.238
350	646	-.103	.040	.062	-.312
350	647	-.132	.061	.127	-.397
350	648	-.314	.129	-.002	-1.116
350	650	-.531	.093	-.249	-.884
350	651	-.540	.095	-.240	-.898
350	900	-.572	.099	-.286	-1.017
350	901	-.498	.132	.064	-1.201
350	902	-.204	.080	.014	-.643
350	903	-.276	.114	.066	-.969
350	904	-.559	.090	-.295	-.935
350	905	-.519	.118	-.194	-1.143
350	906	-.453	.118	-.064	-1.048
350	907	-.347	.192	.475	-.928
350	908	-.569	.130	-.223	-1.324
350	909	-.452	.190	.213	-1.424
350	910	-.373	.214	.396	-1.354
350	911	-.218	.104	.072	-.734
350	912	-.625	.161	-.268	-1.321
350	913	.090	.148	.772	-.254
350	914	-.436	.094	-.135	-.806
350	915	-.434	.105	-.149	-.895
350	916	.136	.110	.605	-.271
350	917	-.585	.162	-.097	-1.593
350	918	-.673	.248	.210	-1.612
350	919	.121	.119	.653	-.261
350	920	-.628	.207	-.072	-2.003

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	100	-.068	.129	.428	-.522
0	106	.111	.128	.594	-.446
0	128	-.236	.120	.233	-.888
0	129	.024	.076	.471	-.246
0	150	-.015	.131	.508	-.552
0	230	-.406	.059	-.232	-.715
0	408	-.489	.148	-.068	-1.252
0	469	-.480	.124	-.080	-1.063
0	513	-.476	.146	-.060	-1.527
0	600	-.553	.195	.062	-1.513
0	606	-.955	.283	-.455	-2.654
0	633	-1.029	.383	-.130	-2.883
0	900	-.644	.119	-.286	-1.321
0	904	-.592	.103	-.262	-1.156
0	910	-.346	.188	.368	-1.060
0	918	-.665	.257	.299	-1.951
2	100	-.071	.125	.461	-.550
2	106	.100	.119	.622	-.399
2	128	-.152	.116	.259	-.628
2	129	.081	.078	.426	-.206
2	150	-.009	.131	.423	-.464
2	230	-.399	.055	-.220	-.632
2	408	-.449	.132	-.012	-1.072
2	469	-.499	.124	-.160	-1.087
2	513	-.378	.121	-.006	-1.395
2	600	-.538	.168	-.029	-1.589
2	606	-1.016	.303	-.357	-2.666
2	633	-.932	.367	-.037	-2.590
2	900	-.549	.112	-.192	-1.088
2	904	-.581	.103	-.291	-.975
2	910	-.321	.165	.387	-.947
2	918	-.600	.237	.245	-1.770
4	100	-.045	.128	.478	-.564
4	106	.086	.119	.534	-.375
4	128	-.139	.115	.335	-.632
4	129	.099	.079	.428	-.140
4	150	.019	.133	.568	-.467
4	230	-.403	.053	-.229	-.657
4	408	-.458	.140	-.032	-1.404
4	469	-.501	.129	-.164	-1.157
4	513	-.376	.117	.013	-.987
4	600	-.532	.156	-.107	-1.460
4	606	-1.110	.362	-.448	-2.762
4	633	-.928	.394	.047	-3.052
4	900	-.573	.118	-.194	-1.073
4	904	-.601	.105	-.245	-1.086
4	910	-.301	.163	.382	-1.122
4	918	-.583	.230	.206	-1.473
6	100	-.017	.132	.476	-.509
6	106	.070	.118	.450	-.337
6	128	-.124	.118	.429	-.722
6	129	.106	.079	.396	-.171
6	150	.056	.128	.539	-.654
6	230	-.405	.053	-.225	-.620
6	408	-.450	.135	-.081	-1.429
6	469	-.492	.126	-.072	-1.152
6	513	-.375	.115	-.029	-1.063
6	600	-.514	.154	.030	-1.275
6	606	-1.190	.415	-.357	-2.985
6	633	-.948	.414	-.054	-3.308
6	900	-.567	.124	-.192	-1.091
6	904	-.599	.114	-.256	-1.097
6	910	-.280	.162	.409	-.817
6	918	-.578	.215	.145	-1.409
8	100	.024	.138	.571	-.582
8	106	.035	.115	.466	-.375
8	128	-.078	.116	.360	-.483
8	129	.111	.079	.469	-.219
8	150	.085	.133	.638	-.430
8	230	-.397	.051	-.236	-.606
8	408	-.440	.131	-.051	-1.108
8	469	-.501	.123	-.123	-1.083
8	513	-.360	.109	-.052	-.924
8	600	-.435	.141	-.067	-1.165
8	606	-1.049	.397	-.371	-2.811
8	633	-.759	.367	.010	-2.620
8	900	-.581	.130	-.187	-1.195
8	904	-.616	.122	-.298	-1.201
8	910	-.241	.166	.439	-.805
8	918	-.560	.220	.235	-1.730
10	100	.069	.138	.516	-.420
10	106	-.006	.111	.457	-.425
10	128	-.029	.114	.424	-.491
10	129	.138	.079	.554	-.175
10	150	.145	.138	.678	-.465
10	230	-.391	.050	-.231	-.568
10	408	-.421	.129	-.039	-1.168
10	469	-.524	.136	-.071	-1.191
10	513	-.350	.103	-.020	-.778
10	600	-.380	.108	-.111	-.876
10	606	-.916	.323	-.250	-2.820
10	633	-.663	.326	.005	-2.157
10	900	-.590	.137	-.172	-1.176
10	904	-.635	.134	-.228	-1.238
10	910	-.175	.157	.416	-.846
10	918	-.541	.208	.188	-1.717
12	100	.121	.134	.588	-.373
12	106	-.025	.104	.424	-.385
12	128	-.011	.107	.361	-.426
12	129	.155	.079	.479	-.138
12	150	.202	.142	.635	-.495
12	230	-.404	.051	-.172	-.580
12	408	-.436	.130	-.027	-1.339
12	469	-.541	.144	-.116	-1.211
12	513	-.349	.097	-.027	-1.004
12	600	-.348	.095	-.060	-.825
12	606	-.810	.243	-.311	-2.434
12	633	-.573	.306	.081	-2.006
12	900	-.600	.132	-.110	-1.260
12	904	-.650	.128	-.215	-1.195
12	910	-.135	.145	.449	-.693
12	918	-.532	.210	.346	-1.503
14	100	.161	.142	.753	-.319
14	106	-.062	.106	.332	-.546
14	128	.028	.102	.378	-.443
14	129	.158	.078	.536	-.055
14	150	.245	.136	.682	-.156
14	230	-.400	.051	-.198	-.596
14	408	-.426	.112	-.111	-1.069
14	469	-.564	.150	-.042	-1.216
14	513	-.348	.094	-.027	-.785
14	600	-.329	.075	-.048	-.843
14	606	-.765	.246	-.263	-2.482
14	633	-.482	.262	.148	-1.669
14	900	-.636	.159	-.213	-1.361
14	904	-.693	.156	-.282	-1.299
14	910	-.101	.119	.442	-.656
14	918	-.499	.204	.300	-1.642
16	100	.181	.148	.691	-.445
16	106	-.093	.101	.267	-.507
16	128	.049	.096	.469	-.286
16	129	.161	.077	.616	-.059
16	150	.268	.142	.785	-.205
16	230	-.401	.050	-.234	-.632
16	408	-.428	.110	-.152	-.946
16	469	-.567	.164	-.036	-1.288
16	513	-.343	.082	-.078	-.804
16	600	-.315	.064	-.100	-.707
16	606	-.696	.170	.033	-2.122
16	633	-.416	.235	.132	-1.766
16	900	-.692	.187	-.208	-1.745
16	904	-.745	.171	-.311	-1.429
16	910	-.082	.101	.395	-.536
16	918	-.486	.207	.365	-1.350
18	100	.225	.142	.729	-.370
18	106	-.121	.096	.225	-.453
18	128	.071	.084	.400	-.428
18	129	.157	.071	.518	-.066
18	150	.306	.140	.726	-.142
18	230	-.397	.047	-.248	-.572

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
18	408	-.418	.101	.022	-1.307
18	469	-.594	.166	-.071	-1.134
18	513	-.347	.077	-.110	-.743
18	600	-.315	.064	-.142	-.699
18	606	-.656	.163	-.061	-2.269
18	633	-.355	.217	.181	-1.640
18	900	-.750	.226	.200	-1.885
18	904	-.790	.189	-.337	-1.576
18	910	-.078	.094	.364	-.622
18	918	-.482	.198	.316	-1.486
20	100	.238	.146	.666	-.302
20	106	-.162	.093	.210	-.512
20	128	.038	.083	.369	-.384
20	129	.123	.078	.485	-.119
20	150	.340	.147	.933	-.189
20	230	-.408	.045	-.260	-.641
20	408	-.435	.095	-.149	-1.077
20	469	-.585	.172	.011	-1.205
20	513	-.408	.078	-.150	-.806
20	600	-.312	.064	-.081	-.626
20	606	-.621	.161	.077	-1.284
20	633	-.291	.188	.152	-1.292
20	900	-.983	.285	-.052	-2.289
20	904	-.905	.220	-.293	-1.771
20	910	-.063	.089	.289	-.519
20	918	-.458	.185	.361	-1.263
22	100	.244	.144	.822	-.268
22	106	-.196	.095	.230	-.592
22	128	.042	.079	.390	-.240
22	129	.130	.082	.492	-.145
22	150	.369	.148	.833	-.149
22	230	-.419	.050	-.261	-.684
22	408	-.447	.095	-.104	-.938
22	469	-.608	.166	-.070	-1.257
22	513	-.425	.072	-.098	-.780
22	600	-.309	.055	-.142	-.645
22	606	-.597	.180	.217	-1.308
22	633	-.214	.177	.264	-1.230
22	900	-1.127	.355	-.017	-2.550
22	904	-.974	.231	-.308	-1.887
22	910	-.066	.091	.318	-.410
22	918	-.457	.176	.322	-1.220
24	100	.262	.158	.692	-.332
24	106	-.240	.095	.151	-.679
24	128	.047	.076	.424	-.241
24	129	.095	.070	.393	-.141
24	150	.392	.144	.913	-.061
24	230	-.421	.047	-.284	-.644
24	408	-.458	.092	-.184	-1.042
24	469	-.590	.179	-.118	-1.277
24	513	-.432	.076	-.117	-.888
24	600	-.311	.063	-.123	-.746
24	606	-.517	.213	.207	-1.183
24	633	-.144	.166	.269	-1.156
24	900	-1.352	.403	-.253	-2.950
24	904	-1.137	.258	-.432	-2.164
24	910	-.062	.100	.297	-.552
24	918	-.463	.161	.298	-1.222
26	100	.286	.153	.772	-.296
26	106	-.289	.090	.027	-.633
26	128	.050	.077	.426	-.242
26	129	.080	.073	.402	-.168
26	150	.421	.161	.921	-.040
26	230	-.425	.050	-.286	-.643
26	408	-.462	.092	-.193	-.921
26	469	-.604	.178	-.119	-1.322
26	513	-.436	.075	-.101	-.791
26	600	-.311	.061	-.138	-.633
26	606	-.455	.232	.232	-1.176
26	633	-.106	.148	.340	-1.092
26	900	-1.535	.419	-.218	-3.480
26	904	-1.268	.273	-.407	-2.412
26	910	-.068	.107	.330	-.472
26	918	-.475	.149	.113	-1.102
28	100	.286	.161	.746	-.247
28	106	-.329	.087	.005	-.652
28	128	.052	.080	.402	-.298
28	129	.066	.068	.402	-.138
28	150	.413	.152	.889	-.105
28	230	-.425	.052	-.268	-.637
28	408	-.460	.092	-.155	-1.013
28	469	-.559	.176	-.084	-1.493
28	513	-.449	.077	-.100	-.829
28	600	-.317	.069	-.089	-.712
28	606	-.356	.235	.316	-1.086
28	633	-.055	.131	.342	-.744
28	900	-1.661	.427	-.112	-3.343
28	904	-1.375	.293	-.525	-2.420
28	910	-.091	.112	.323	-.504
28	918	-.467	.134	.155	-.948
30	100	.277	.153	.759	-.274
30	106	-.361	.083	-.036	-.670
30	128	.051	.079	.510	-.352
30	129	.066	.067	.406	-.148
30	150	.451	.153	.958	-.132
30	230	-.434	.053	-.295	-.682
30	408	-.474	.092	-.096	-.999
30	469	-.548	.175	-.095	-1.280
30	513	-.444	.089	-.050	-.862
30	600	-.330	.080	-.123	-.722
30	606	-.245	.245	.570	-1.234
30	633	.004	.107	.499	-.529
30	900	-1.833	.442	-.338	-3.456
30	904	-1.523	.310	-.503	-2.722
30	910	-.113	.125	.346	-.609
30	918	-.463	.131	.034	-1.008
32	100	.253	.163	.785	-.493
32	106	-.393	.085	-.062	-.678
32	128	.044	.074	.332	-.349
32	129	.064	.065	.401	-.230
32	150	.440	.157	.921	-.213
32	230	-.439	.056	-.290	-.712
32	408	-.477	.098	-.101	-1.056
32	469	-.511	.170	-.047	-1.176
32	513	-.450	.096	.002	-.875
32	600	-.353	.087	-.095	-.738
32	606	-.173	.234	.508	-.919
32	633	.035	.092	.432	-.596
32	900	-1.978	.434	-.304	-3.482
32	904	-1.681	.325	-.623	-2.770
32	910	-.135	.130	.334	-.556
32	918	-.457	.138	.000	-.996
34	100	.239	.163	.686	-.572
34	106	-.414	.085	-.091	-.801
34	128	.042	.094	.436	-.486
34	129	.060	.066	.466	-.152
34	150	.434	.158	.887	-.524
34	230	-.440	.060	-.281	-.735
34	408	-.481	.105	.032	-1.008
34	469	-.481	.167	-.012	-1.144
34	513	-.455	.099	-.057	-1.104
34	600	-.377	.094	-.139	-.755
34	606	-.085	.214	.413	-.845
34	633	.058	.099	.502	-.610
34	900	-2.133	.400	-.614	-3.310
34	904	-1.859	.352	-.591	-2.918
34	910	-.165	.136	.256	-.615
34	918	-.436	.134	.012	-1.141
36	100	.213	.171	.769	-.702
36	106	-.417	.092	-.046	-.877
36	128	.041	.105	.399	-.514
36	129	.049	.065	.421	-.160
36	150	.393	.171	.889	-.486
36	230	-.442	.058	-.286	-.669
36	408	-.480	.108	-.109	-1.020
36	469	-.470	.158	-.082	-1.306
36	513	-.454	.102	-.095	-.966
36	600	-.411	.100	-.107	-.821
36	606	-.001	.187	.469	-.955
36	633	.080	.094	.473	-.344

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
36	900	-2.161	.394	-.378	-3.699
36	904	-1.938	.337	-.786	-2.912
36	910	-.195	.140	.337	-.669
36	918	-.415	.133	.010	-1.006
38	100	.162	.176	.635	-.728
38	106	-.407	.092	-.089	-.769
38	128	.028	.105	.426	-.536
38	129	.033	.058	.391	-.228
38	150	.366	.182	.858	-.569
38	230	-.449	.063	-.271	-.728
38	408	-.480	.112	-.104	-1.062
38	469	-.448	.147	-.109	-1.347
38	513	-.445	.103	-.114	-1.081
38	600	-.437	.100	-.063	-.905
38	606	.041	.169	.536	-.700
38	633	.106	.099	.523	-.389
38	900	-2.190	.408	-.484	-3.457
38	904	-2.007	.341	-.831	-3.135
38	910	-.239	.141	.275	-1.057
38	918	-.386	.129	.003	-.946
40	100	.129	.192	.642	-.818
40	106	-.385	.096	-.089	-.774
40	128	.013	.113	.403	-.750
40	129	.028	.064	.415	-.159
40	150	.337	.188	.836	-.562
40	230	-.458	.061	-.220	-.764
40	408	-.477	.111	-.186	-1.070
40	469	-.440	.136	-.148	-1.279
40	513	-.437	.090	-.133	-.933
40	600	-.470	.100	-.102	-.824
40	606	.091	.160	.631	-.721
40	633	.125	.096	.654	-.126
40	900	-2.121	.452	-.759	-3.844
40	904	-1.972	.367	-.881	-3.297
40	910	-.272	.134	.263	-.757
40	918	-.366	.119	-.058	-.898
42	100	.064	.231	.655	-1.127
42	106	-.365	.089	-.077	-.694
42	128	-.012	.128	.378	-.945
42	129	.016	.059	.289	-.258
42	150	.269	.230	.940	-.796
42	230	-.471	.053	-.278	-.704
42	408	-.476	.102	-.142	-1.102
42	469	-.417	.132	-.088	-1.168
42	513	-.428	.081	-.140	-.793
42	600	-.471	.098	-.138	-.871
42	606	.123	.150	.606	-.685
42	633	.124	.101	.615	-.130
42	900	-2.166	.422	-.869	-3.400
42	904	-2.048	.328	-.729	-3.439

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
42	910	-.309	.137	.249	-.913
42	918	-.350	.108	.015	-.824
44	100	.014	.228	.629	-.970
44	106	-.349	.080	-.040	-.667
44	128	-.015	.137	.349	-.799
44	129	.001	.062	.250	-.291
44	150	.189	.249	.767	-.885
44	230	-.472	.052	-.291	-.728
44	408	-.465	.094	-.148	-.958
44	469	-.410	.107	-.145	-1.007
44	513	-.426	.066	-.199	-.749
44	600	-.476	.096	-.138	-.847
44	606	.152	.136	.617	-.486
44	633	.135	.092	.605	-.124
44	900	-2.038	.431	-.733	-3.521
44	904	-2.006	.352	-.522	-3.248
44	910	-.353	.132	.229	-1.079
44	918	-.313	.094	-.043	-.798
46	100	-.099	.274	.580	-1.072
46	106	-.353	.073	-.112	-.748
46	128	-.053	.150	.503	-1.036
46	129	-.003	.067	.293	-.392
46	150	.126	.281	.721	-1.051
46	230	-.496	.051	-.299	-.778
46	408	-.478	.091	-.248	-1.036
46	469	-.411	.091	-.136	-.989
46	513	-.433	.062	-.222	-.910
46	600	-.476	.095	-.134	-.817
46	606	.168	.143	.665	-.484
46	633	.151	.099	.568	-.153
46	900	-1.960	.422	-.819	-3.383
46	904	-2.025	.375	-.375	-3.191
46	910	-.414	.135	-.056	-1.266
46	918	-.299	.083	-.053	-.817
48	100	-.191	.283	.524	-1.171
48	106	-.346	.063	-.079	-.609
48	128	-.053	.157	.571	-.905
48	129	-.010	.072	.397	-.416
48	150	.049	.283	.716	-.960
48	230	-.498	.049	-.255	-.763
48	408	-.477	.090	-.232	-.935
48	469	-.408	.085	-.134	-.887
48	513	-.426	.058	-.240	-.762
48	600	-.444	.098	-.125	-.815
48	606	.181	.151	.673	-.302
48	633	.138	.095	.734	-.170
48	900	-1.898	.382	-.792	-3.305
48	904	-1.983	.351	-.609	-3.027
48	910	-.442	.140	.027	-1.111
48	918	-.277	.068	.034	-.618

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	100	-.272	.297	.619	-1.415
50	106	-.348	.062	-.079	-.658
50	128	-.085	.160	.426	-.992
50	129	-.039	.071	.249	-.603
50	150	-.100	.284	.681	-1.081
50	230	-.497	.048	-.344	-.716
50	408	-.466	.080	-.250	-.944
50	469	-.412	.085	-.057	-.816
50	513	-.427	.057	-.226	-.742
50	600	-.430	.103	-.062	-.739
50	606	.206	.148	.586	-.305
50	633	.142	.108	.656	-.240
50	900	-1.796	.338	-.867	-2.900
50	904	-1.936	.383	-.526	-3.097
50	910	-.478	.154	.013	-1.282
50	918	-.270	.062	-.033	-.677
52	100	-.364	.284	.433	-1.496
52	106	-.349	.055	-.152	-.550
52	128	-.109	.160	.408	-.973
52	129	-.050	.071	.211	-.657
52	150	-.202	.295	.879	-1.371
52	230	-.503	.047	-.328	-.730
52	408	-.465	.078	-.224	-1.251
52	469	-.406	.085	-.100	-.772
52	513	-.434	.054	-.235	-.737
52	600	-.422	.098	-.082	-.754
52	606	.233	.147	.687	-.337
52	633	.174	.117	.708	-.171
52	900	-1.692	.331	-.783	-2.891
52	904	-1.834	.390	-.374	-3.186
52	910	-.489	.157	.004	-1.357
52	918	-.264	.060	-.045	-.572
54	100	-.530	.278	.506	-1.552
54	106	-.362	.053	-.152	-.589
54	128	-.179	.191	.412	-1.458
54	129	-.055	.075	.252	-.498
54	150	-.345	.251	.595	-1.358
54	230	-.519	.046	-.347	-.678
54	408	-.482	.075	-.237	-.814
54	469	-.403	.079	-.138	-.733
54	513	-.434	.053	-.231	-.720
54	600	-.380	.101	-.005	-.697
54	606	.240	.153	.733	-.253
54	633	.142	.117	.647	-.181
54	900	-1.601	.310	-.746	-3.069
54	904	-1.744	.411	-.391	-3.088
54	910	-.524	.173	.035	-1.555
54	918	-.265	.061	-.041	-.608
56	100	-.614	.269	.315	-1.585
56	106	-.365	.049	-.127	-.588

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
56	128	-.209	.194	.429	-1.358
56	129	-.091	.077	.179	-.631
56	150	-.434	.250	.408	-1.390
56	230	-.508	.047	-.346	-.709
56	408	-.467	.075	-.156	-.888
56	469	-.389	.076	-.143	-.796
56	513	-.423	.052	-.258	-.713
56	600	-.353	.103	.006	-.726
56	606	.229	.143	.696	-.265
56	633	.122	.120	.643	-.259
56	900	-1.490	.308	-.449	-2.514
56	904	-1.608	.428	-.209	-3.046
56	910	-.544	.180	.034	-1.328
56	918	-.265	.055	-.007	-.504
58	100	-.687	.241	.258	-1.951
58	106	-.373	.051	-.190	-.606
58	128	-.245	.202	.361	-1.088
58	129	-.122	.097	.342	-.877
58	150	-.545	.217	.526	-1.202
58	230	-.508	.043	-.379	-.687
58	408	-.466	.069	-.231	-.816
58	469	-.381	.071	-.101	-.689
58	513	-.422	.052	-.238	-.672
58	600	-.320	.101	.086	-.693
58	606	.220	.159	.700	-.299
58	633	.112	.117	.662	-.234
58	900	-1.384	.290	-.592	-2.456
58	904	-1.450	.410	-.178	-2.870
58	910	-.556	.180	-.024	-1.397
58	918	-.268	.058	.022	-.536
60	100	-.758	.219	.244	-1.635
60	106	-.376	.049	-.206	-.700
60	128	-.301	.200	.325	-1.086
60	129	-.129	.097	.203	-.942
60	150	-.608	.209	.213	-1.606
60	230	-.504	.045	-.335	-.708
60	408	-.462	.070	-.208	-.818
60	469	-.366	.071	-.122	-.711
60	513	-.406	.050	-.232	-.800
60	600	-.280	.103	.096	-.632
60	606	.210	.156	.716	-.381
60	633	.082	.125	.588	-.283
60	900	-1.277	.266	-.498	-2.341
60	904	-1.323	.351	-.366	-2.715
60	910	-.577	.181	.111	-1.350
60	918	-.265	.054	-.024	-.568
66	100	-.885	.191	-.028	-1.999
66	106	-.379	.050	-.151	-.867
66	128	-.478	.243	.197	-1.618
66	129	-.250	.148	.092	-1.196
66	150	-.893	.240	-.227	-1.912
66	230	-.497	.047	-.333	-.743
66	408	-.429	.069	-.091	-.692
66	469	-.362	.070	-.129	-.641
66	513	-.374	.047	-.192	-.562
66	600	-.225	.106	.152	-.627
66	606	.168	.148	.634	-.352
66	633	.001	.115	.668	-.345
66	900	-.986	.199	-.504	-1.866
66	904	-.997	.226	-.414	-2.078
66	910	-.638	.205	-.012	-1.568
66	918	-.247	.077	.117	-.644
68	100	-.950	.248	-.352	-2.623
68	106	-.386	.058	-.108	-.760
68	128	-.495	.251	.202	-1.742
68	129	-.291	.195	.123	-2.449
68	150	-.946	.238	-.063	-2.242
68	230	-.500	.051	-.309	-.715
68	408	-.426	.068	-.159	-.710
68	469	-.350	.073	-.087	-.665
68	513	-.376	.049	-.203	-.569
68	600	-.211	.108	.190	-.625
68	606	.160	.146	.620	-.287
68	633	.032	.137	.561	-.356
68	900	-.918	.186	-.416	-1.907
68	904	-.910	.195	-.361	-2.036
68	910	-.643	.204	.024	-1.414
68	918	-.250	.087	.108	-.580
70	100	-1.058	.361	-.446	-4.303
70	106	-.391	.061	-.240	-.739
70	128	-.564	.267	.171	-2.057
70	129	-.374	.232	.079	-2.238
70	150	-1.076	.323	-.313	-3.139
70	230	-.489	.051	-.353	-.706
70	408	-.408	.068	-.164	-.701
70	469	-.341	.070	-.070	-.637
70	513	-.350	.048	-.188	-.525
70	600	-.164	.110	.231	-.644
70	606	.099	.150	.714	-.564
70	633	-.029	.125	.511	-.362
70	900	-.846	.164	-.413	-1.493
70	904	-.849	.176	-.391	-1.758
70	910	-.648	.208	.037	-1.629
70	918	-.268	.110	.111	-.781
72	100	-1.172	.414	-.351	-3.812
72	106	-.407	.068	-.087	-.737
72	128	-.645	.273	.065	-1.920
72	129	-.420	.260	.056	-1.794
72	150	-1.120	.315	-.419	-3.057
72	230	-.483	.050	-.321	-.733
72	408	-.395	.071	-.124	-.695
72	469	-.327	.070	.043	-.600
72	513	-.336	.050	-.150	-.530
72	600	-.132	.109	.245	-.536
72	606	.088	.141	.638	-.377
72	633	-.044	.122	.547	-.426
72	900	-.800	.155	-.411	-1.599
72	904	-.804	.164	-.382	-1.539
72	910	-.654	.211	-.004	-1.545
72	918	-.299	.122	.172	-.822
74	100	-1.344	.499	-.417	-4.224
74	106	-.426	.088	-.198	-1.048
74	128	-.736	.305	.061	-2.264
74	129	-.473	.285	.110	-1.827
74	150	-1.210	.346	-.430	-2.718
74	230	-.473	.052	-.273	-.658
74	408	-.388	.070	-.115	-.658
74	469	-.305	.070	-.040	-.579
74	513	-.322	.049	-.118	-.492
74	600	-.095	.109	.408	-.432
74	606	.057	.140	.595	-.455
74	633	-.076	.119	.553	-.462
74	900	-.778	.150	-.379	-1.465
74	904	-.782	.161	-.372	-1.451
74	910	-.653	.220	-.025	-1.623
74	918	-.321	.133	.123	-.897
76	100	-1.352	.486	-.506	-3.772
76	106	-.450	.109	-.078	-1.691
76	128	-.763	.315	-.078	-2.357
76	129	-.538	.328	.085	-2.400
76	150	-1.312	.373	-.493	-3.558
76	230	-.473	.050	-.274	-.665
76	408	-.382	.069	-.104	-.658
76	469	-.294	.070	-.031	-.548
76	513	-.306	.052	-.052	-.494
76	600	-.067	.113	.411	-.544
76	606	.016	.150	.649	-.503
76	633	-.088	.121	.449	-.449
76	900	-.751	.136	-.399	-1.568
76	904	-.758	.153	-.318	-1.632
76	910	-.656	.215	-.094	-1.658
76	918	-.365	.135	.093	-.888
78	100	-1.403	.542	-.375	-4.160
78	106	-.468	.126	-.060	-1.363
78	128	-.827	.317	.011	-2.922
78	129	-.631	.346	.076	-2.161
78	150	-1.270	.351	-.523	-2.947
78	230	-.454	.051	-.283	-.684
78	408	-.359	.069	-.114	-.644
78	469	-.277	.072	-.005	-.511

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
78	513	-.293	.049	-.123	-.455
78	600	-.050	.114	.419	-.444
78	606	.006	.140	.454	-.463
78	633	-.082	.118	.437	-.397
78	900	-.727	.131	-.395	-1.311
78	904	-.742	.151	-.346	-1.480
78	910	-.665	.222	-.094	-1.950
78	918	-.399	.145	.166	-1.179
80	100	-1.400	.530	-.555	-3.992
80	106	-.479	.133	-.084	-1.236
80	128	-.857	.301	-.026	-2.371
80	129	-.690	.375	.110	-2.876
80	150	-1.325	.368	-.455	-3.085
80	230	-.460	.054	-.255	-.654
80	408	-.355	.066	-.122	-.581
80	469	-.268	.069	.002	-.525
80	513	-.285	.054	-.091	-.474
80	600	-.023	.120	.401	-.480
80	606	-.028	.142	.413	-.522
80	633	-.110	.112	.427	-.464
80	900	-.707	.123	-.374	-1.570
80	904	-.722	.144	-.307	-1.750
80	910	-.674	.219	-.011	-1.618
80	918	-.430	.143	.057	-1.112
82	100	-1.346	.536	-.464	-4.124
82	106	-.537	.171	.198	-1.453
82	128	-.959	.316	-.134	-2.363
82	129	-.783	.376	.199	-2.501
82	150	-1.199	.333	-.505	-2.864
82	230	-.458	.056	-.274	-.694
82	408	-.347	.072	-.039	-.617
82	469	-.267	.071	.029	-.564
82	513	-.277	.053	-.077	-.536
82	600	.007	.119	.419	-.473
82	606	-.042	.136	.492	-.580
82	633	-.148	.093	.402	-.427
82	900	-.721	.113	-.393	-1.205
82	904	-.739	.133	-.257	-1.377
82	910	-.696	.235	-.074	-1.806
82	918	-.456	.168	.073	-1.403
84	100	-1.174	.457	-.348	-3.437
84	106	-.544	.186	-.002	-1.756
84	128	-.936	.301	-.162	-2.592
84	129	-.861	.365	.206	-2.409
84	150	-1.049	.336	-.452	-2.725
84	230	-.461	.058	-.285	-.735
84	408	-.340	.071	.036	-.618
84	469	-.262	.069	.070	-.527
84	513	-.268	.057	-.056	-.480
84	600	.025	.122	.482	-.341

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
84	606	-.048	.136	.452	-.552
84	633	-.154	.094	.296	-.426
84	900	-.707	.113	-.388	-1.294
84	904	-.722	.133	-.373	-1.829
84	910	-.696	.230	-.058	-1.730
84	918	-.459	.168	.082	-1.426
86	100	-.956	.375	-.326	-3.664
86	106	-.573	.207	.206	-1.690
86	128	-.938	.282	-.028	-2.591
86	129	-.880	.328	.154	-2.559
86	150	-.889	.271	-.394	-2.415
86	230	-.458	.061	-.236	-.694
86	408	-.329	.073	-.086	-.682
86	469	-.261	.072	-.012	-.561
86	513	-.256	.059	-.019	-.460
86	600	.062	.131	.553	-.371
86	606	-.049	.135	.394	-.544
86	633	-.168	.083	.199	-.469
86	900	-.707	.110	-.436	-1.362
86	904	-.717	.129	-.380	-1.603
86	910	-.728	.239	-.074	-2.076
86	918	-.501	.195	.120	-1.589
88	100	-.811	.279	-.380	-3.861
88	106	-.587	.212	.038	-1.610
88	128	-.919	.268	-.203	-2.651
88	129	-.889	.294	-.005	-2.128
88	150	-.758	.212	-.374	-2.276
88	230	-.469	.061	-.266	-.686
88	408	-.323	.072	-.028	-.580
88	469	-.248	.075	.008	-.593
88	513	-.252	.057	-.049	-.430
88	600	.072	.126	.607	-.410
88	606	-.030	.126	.359	-.531
88	633	-.162	.083	.274	-.423
88	900	-.691	.098	-.404	-1.205
88	904	-.689	.115	-.362	-1.505
88	910	-.723	.236	-.097	-1.960
88	918	-.515	.199	.129	-1.509
90	100	-.726	.192	-.341	-3.048
90	106	-.618	.230	.177	-1.840
90	128	-.909	.257	-.321	-2.420
90	129	-.863	.286	-.026	-2.564
90	150	-.685	.172	-.320	-2.173
90	230	-.465	.057	-.295	-.726
90	408	-.308	.076	-.041	-.603
90	469	-.241	.077	.098	-.533
90	513	-.237	.063	.042	-.440
90	600	.101	.130	.559	-.385
90	606	-.052	.126	.376	-.567
90	633	-.174	.079	.187	-.435

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	900	-.675	.099	-.363	-1.123
90	904	-.666	.112	-.335	-1.182
90	910	-.706	.230	.002	-1.768
90	918	-.518	.199	.049	-1.733
92	100	-.650	.154	-.337	-2.960
92	106	-.606	.215	.123	-1.857
92	128	-.861	.238	-.327	-2.291
92	129	-.838	.255	-.067	-2.323
92	150	-.611	.122	-.318	-1.644
92	230	-.465	.064	-.246	-.813
92	408	-.295	.078	.063	-.605
92	469	-.234	.079	.127	-.508
92	513	-.228	.066	.067	-.443
92	600	.130	.132	.592	-.336
92	606	-.054	.115	.333	-.432
92	633	-.175	.075	.200	-.484
92	900	-.641	.093	-.394	-1.103
92	904	-.626	.105	-.356	-1.275
92	910	-.686	.216	-.126	-1.954
92	918	-.531	.194	.070	-1.662
94	100	-.611	.115	-.340	-1.379
94	106	-.615	.211	.175	-1.706
94	128	-.826	.222	-.369	-2.660
94	129	-.822	.230	-.135	-2.226
94	150	-.569	.102	-.306	-1.590
94	230	-.475	.060	-.300	-.742
94	408	-.283	.080	.068	-.554
94	469	-.216	.083	.141	-.521
94	513	-.220	.071	.128	-.571
94	600	.155	.129	.630	-.295
94	606	-.042	.111	.354	-.474
94	633	-.176	.080	.192	-.449
94	900	-.634	.093	-.348	-1.124
94	904	-.613	.105	-.333	-1.368
94	910	-.691	.211	-.178	-1.698
94	918	-.561	.205	.161	-1.547
96	100	-.578	.092	-.293	-1.204
96	106	-.623	.206	.031	-1.919
96	128	-.805	.214	-.322	-2.045
96	129	-.786	.210	-.168	-1.863
96	150	-.524	.079	-.256	-.825
96	230	-.470	.063	-.263	-.792
96	408	-.271	.085	.157	-.599
96	469	-.210	.086	.140	-.516
96	513	-.208	.078	.163	-.490
96	600	.174	.139	.698	-.348
96	606	-.072	.108	.298	-.444
96	633	-.180	.079	.168	-.482
96	900	-.621	.097	-.362	-1.105
96	904	-.598	.110	-.274	-1.195

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
96	910	-.681	.211	-.095	-1.929
96	918	-.561	.202	.119	-1.602
98	100	-.547	.081	-.268	-.949
98	106	-.613	.190	.059	-1.581
98	128	-.768	.191	-.285	-2.045
98	129	-.750	.193	.226	-1.882
98	150	-.511	.084	-.292	-1.056
98	230	-.460	.069	-.257	-1.058
98	408	-.263	.097	.190	-.694
98	469	-.178	.086	.093	-.487
98	513	-.202	.084	.252	-.647
98	600	-.207	.134	.683	-.240
98	606	-.071	.104	.322	-.525
98	633	-.187	.078	.176	-.514
98	900	-.611	.103	-.327	-1.352
98	904	-.588	.118	-.305	-1.298
98	910	-.667	.209	-.127	-1.842
98	918	-.552	.200	.190	-1.709
100	100	-.522	.081	-.270	-.953
100	106	-.597	.173	.003	-1.635
100	128	-.716	.170	-.289	-1.638
100	129	-.703	.180	-.146	-2.013
100	150	-.478	.074	-.241	-.961
100	230	-.453	.074	-.235	-1.214
100	408	-.255	.108	.237	-.734
100	469	-.170	.079	.172	-.471
100	513	-.198	.088	.333	-.455
100	600	-.234	.142	.737	-.358
100	606	-.072	.099	.244	-.477
100	633	-.189	.081	.172	-.513
100	900	-.589	.102	-.291	-1.232
100	904	-.566	.119	-.259	-1.760
100	910	-.647	.204	-.128	-1.716
100	918	-.552	.206	.113	-1.530
160	100	-.411	.103	-.121	-1.078
160	106	-.396	.111	-.097	-.951
160	128	-.278	.040	-.147	-.557
160	129	-.279	.032	-.140	-.431
160	150	-.405	.110	-.056	-1.207
160	230	-.142	.084	.155	-.468
160	408	-.460	.286	.559	-1.652
160	469	-.035	.173	.588	-.656
160	513	-.492	.334	.385	-1.960
160	600	-.431	.091	-.136	-1.212
160	606	-.438	.117	.191	-1.179
160	633	-.270	.041	-.088	-.490
160	900	-.351	.089	.252	-.972
160	904	-.337	.109	.110	-1.057
160	910	-.641	.263	.137	-1.749
160	918	-.471	.135	-.047	-1.471
162	100	-.449	.146	-.082	-2.439
162	106	-.410	.111	-.112	-1.033
162	128	-.283	.046	-.094	-.590
162	129	-.283	.035	-.164	-.433
162	150	-.423	.124	-.103	-1.409
162	230	-.131	.078	.214	-.621
162	408	-.404	.332	.637	-1.724
162	469	.012	.166	.607	-.543
162	513	-.389	.386	.661	-1.874
162	600	-.455	.121	.032	-1.330
162	606	-.450	.129	.185	-1.352
162	633	-.279	.043	-.126	-.609
162	900	-.346	.099	.092	-.879
162	904	-.305	.125	.238	-.788
162	910	-.758	.321	.332	-1.998
162	918	-.487	.125	.009	-1.365
164	100	-.467	.148	-.042	-1.817
164	106	-.420	.112	-.085	-1.163
164	128	-.285	.046	-.134	-.562
164	129	-.283	.036	-.163	-.468
164	150	-.450	.135	-.153	-1.195
164	230	-.121	.074	.124	-.557
164	408	-.313	.337	.814	-2.339
164	469	-.003	.182	.757	-.862
164	513	-.295	.397	.862	-1.986
164	600	-.500	.166	-.064	-1.920
164	606	-.483	.149	-.093	-1.511
164	633	-.285	.047	-.103	-.532
164	900	-.341	.114	.113	-.801
164	904	-.278	.148	.325	-.793
164	910	-.861	.357	.275	-2.900
164	918	-.502	.123	-.074	-1.489
166	100	-.469	.143	-.073	-1.460
166	106	-.421	.106	-.090	-1.022
166	128	-.295	.048	-.150	-.603
166	129	-.290	.039	-.146	-.477
166	150	-.456	.146	-.138	-1.294
166	230	-.115	.070	.167	-.506
166	408	-.208	.330	.742	-1.655
166	469	-.023	.171	.714	-.613
166	513	-.153	.382	.719	-2.067
166	600	-.554	.207	-.094	-2.059
166	606	-.504	.175	.056	-1.496
166	633	-.291	.047	-.124	-.532
166	900	-.334	.121	.132	-.939
166	904	-.233	.162	.383	-.804
166	910	-1.014	.416	.259	-2.506
166	918	-.508	.110	-.065	-1.033
168	100	-.469	.145	-.128	-1.440
168	106	-.433	.100	-.027	-.881
168	128	-.300	.049	-.122	-.584
168	129	-.297	.040	-.147	-.534
168	150	-.465	.140	.050	-1.010
168	230	-.110	.070	.281	-.397
168	408	-.101	.305	.898	-1.731
168	469	-.029	.168	.676	-.585
168	513	-.030	.342	.845	-1.785
168	600	-.655	.270	.032	-2.770
168	606	-.511	.181	.009	-1.426
168	633	-.299	.049	-.132	-.619
168	900	-.335	.133	.221	-.884
168	904	-.212	.179	.505	-.876
168	910	-1.146	.434	.251	-2.727
168	918	-.517	.106	-.194	-1.210
170	100	-.474	.148	-.090	-2.115
170	106	-.452	.100	-.082	-.833
170	128	-.308	.053	-.145	-.673
170	129	-.303	.044	-.136	-.508
170	150	-.454	.137	-.128	-1.142
170	230	-.100	.075	.217	-.437
170	408	-.012	.258	.758	-1.761
170	469	-.054	.169	.657	-.650
170	513	.076	.289	.829	-1.498
170	600	-.781	.353	-.031	-3.067
170	606	-.533	.204	-.052	-1.547
170	633	-.305	.048	-.124	-.636
170	900	-.338	.134	.256	-.886
170	904	-.186	.190	.529	-.845
170	910	-1.314	.459	.122	-2.875
170	918	-.530	.107	-.209	-1.240
172	100	-.472	.139	-.091	-1.054
172	106	-.446	.091	-.117	-.908
172	128	-.305	.048	-.144	-.637
172	129	-.309	.039	-.189	-.493
172	150	-.460	.136	-.164	-1.219
172	230	-.100	.070	.223	-.377
172	408	.028	.214	.850	-1.654
172	469	-.107	.170	.646	-.564
172	513	.153	.236	1.005	-1.421
172	600	-.770	.351	-.033	-2.980
172	606	-.560	.227	-.065	-1.703
172	633	-.307	.044	-.158	-.623
172	900	-.339	.134	.218	-.974
172	904	-.167	.191	.467	-.940
172	910	-1.442	.436	.264	-2.804
172	918	-.519	.094	-.235	-1.228
174	100	-.479	.143	-.074	-1.892
174	106	-.460	.090	-.206	-.904
174	128	-.310	.045	-.162	-.804
174	129	-.309	.038	-.117	-.538

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
174	150	-.456	.134	-.075	-1.104
174	230	-.080	.077	.342	-.438
174	408	.077	.181	.812	-1.270
174	469	-.154	.157	.558	-.708
174	513	.188	.210	.988	-1.429
174	600	-.799	.374	-.173	-3.773
174	606	-.582	.243	.061	-1.997
174	633	-.313	.046	-.143	-.838
174	900	-.336	.130	.232	-.822
174	904	-.149	.191	.434	-.754
174	910	-1.521	.387	.184	-3.182
174	918	-.527	.097	-.272	-1.307
176	100	-.482	.139	-.094	-1.060
176	106	-.467	.092	-.168	-1.266
176	128	-.311	.046	-.158	-.642
176	129	-.317	.039	-.169	-.478
176	150	-.473	.134	-.097	-1.260
176	230	-.078	.077	.260	-.355
176	408	.076	.171	.803	-.864
176	469	-.150	.156	.447	-.634
176	513	.223	.188	.930	-.690
176	600	-.900	.406	-.228	-3.629
176	606	-.582	.242	-.054	-1.785
176	633	-.317	.043	-.166	-.543
176	900	-.330	.129	.166	-.886
176	904	-.131	.190	.456	-.776
176	910	-1.588	.352	-.130	-2.865
176	918	-.546	.100	-.282	-1.414
178	100	-.500	.136	-.112	-1.031
178	106	-.495	.105	-.196	-1.036
178	128	-.319	.051	-.152	-.729
178	129	-.318	.040	-.134	-.513
178	150	-.476	.127	-.089	-1.171
178	230	-.076	.083	.293	-.410
178	408	.069	.156	.687	-.812
178	469	-.150	.163	.474	-.749
178	513	.175	.198	.957	-1.307
178	600	-.867	.392	-.174	-3.037
178	606	-.599	.248	.074	-1.887
178	633	-.312	.043	-.128	-.531
178	900	-.337	.115	.129	-.790
178	904	-.135	.176	.474	-.675
178	910	-1.604	.318	-.491	-2.799
178	918	-.588	.135	-.240	-1.645
180	100	-.494	.135	-.049	-.981
180	106	-.495	.120	-.077	-1.209
180	128	-.312	.049	-.149	-.665
180	129	-.319	.043	-.151	-.559
180	150	-.482	.127	-.084	-1.020
180	230	-.090	.085	.264	-.519
180	408	.053	.160	.665	-.627
180	469	-.148	.148	.588	-.701
180	513	.194	.189	.813	-.674
180	600	-.886	.366	-.278	-3.544
180	606	-.606	.246	.002	-1.706
180	633	-.313	.041	-.150	-.495
180	900	-.343	.103	.124	-.771
180	904	-.136	.163	.503	-.828
180	910	-1.537	.302	-.447	-2.770
180	918	-.643	.178	-.293	-1.544
182	100	-.515	.124	-.113	-.983
182	106	-.489	.102	-.143	-1.023
182	128	-.326	.061	-.165	-.827
182	129	-.321	.045	-.160	-.554
182	150	-.514	.124	-.080	-1.012
182	230	-.072	.095	.329	-.494
182	408	.051	.149	.674	-.728
182	469	-.157	.160	.508	-.736
182	513	.151	.200	.877	-1.366
182	600	-.873	.317	-.218	-2.983
182	606	-.624	.232	-.041	-1.747
182	633	-.303	.043	-.122	-.517
182	900	-.352	.099	.072	-.881
182	904	-.161	.162	.410	-.658
182	910	-1.506	.278	-.594	-2.563
182	918	-.606	.148	-.224	-1.628
184	100	-.518	.124	-.095	-1.004
184	106	-.490	.114	-.118	-1.110
184	128	-.320	.056	-.127	-.980
184	129	-.322	.046	-.180	-.591
184	150	-.513	.122	-.121	-1.113
184	230	-.089	.103	.483	-.621
184	408	.027	.151	.620	-.752
184	469	-.172	.146	.393	-.719
184	513	.120	.202	.767	-.909
184	600	-.819	.257	-.322	-2.422
184	606	-.645	.229	-.052	-1.671
184	633	-.303	.045	-.128	-.463
184	900	-.363	.094	.001	-.705
184	904	-.161	.156	.481	-.675
184	910	-1.450	.267	-.553	-2.568
184	918	-.675	.188	-.271	-1.842
186	100	-.527	.125	-.068	-1.698
186	106	-.505	.129	-.080	-1.247
186	128	-.327	.062	-.130	-.955
186	129	-.321	.045	-.143	-.549
186	150	-.512	.118	-.116	-1.122
186	230	-.113	.115	.438	-.723
186	408	-.006	.152	.632	-.854
186	469	-.140	.155	.513	-.611
186	513	.072	.224	.643	-1.581
186	600	-.742	.211	-.331	-1.940
186	606	-.671	.232	.000	-1.835
186	633	-.305	.046	-.165	-.568
186	900	-.367	.089	-.017	-.689
186	904	-.163	.148	.329	-.641
186	910	-1.379	.260	-.554	-2.378
186	918	-.752	.210	-.311	-1.698
206	100	-.484	.106	-.197	-1.211
206	106	-.496	.134	-.030	-1.202
206	128	-.303	.052	-.112	-.539
206	129	-.310	.052	-.027	-.530
206	150	-.479	.096	-.183	-.948
206	230	.116	.159	.710	-.333
206	408	-.883	.329	.132	-2.087
206	469	-.380	.169	.165	-1.027
206	513	-.903	.289	.003	-2.169
206	600	-.540	.099	-.293	-1.118
206	606	-.553	.136	-.129	-1.312
206	633	-.295	.038	-.150	-.443
206	900	-.457	.111	.013	-.908
206	904	-.411	.134	.169	-1.136
206	910	-.965	.230	-.241	-2.063
206	918	-.742	.194	-.270	-1.762
208	100	-.483	.110	-.124	-1.290
208	106	-.499	.141	-.009	-1.158
208	128	-.301	.050	-.107	-.586
208	129	-.309	.052	-.119	-.537
208	150	-.463	.088	-.192	-1.229
208	230	.099	.154	.929	-.342
208	408	-.912	.307	.215	-2.036
208	469	-.345	.170	.359	-.988
208	513	-.951	.287	.147	-1.957
208	600	-.545	.108	-.298	-1.222
208	606	-.561	.144	-.181	-1.389
208	633	-.295	.040	-.164	-.485
208	900	-.472	.120	.038	-.946
208	904	-.425	.133	.113	-1.141
208	910	-1.041	.237	-.216	-2.072
208	918	-.770	.198	-.310	-1.780
210	100	-.496	.097	-.200	-1.155
210	106	-.499	.126	-.031	-1.159
210	128	-.307	.047	-.153	-.547
210	129	-.312	.051	-.131	-.620
210	150	-.490	.086	-.207	-1.235
210	230	.247	.183	.917	-.458
210	408	-1.106	.339	.052	-2.575
210	469	-.599	.203	-.022	-1.272
210	513	-1.084	.303	.012	-2.223
210	600	-.571	.123	-.316	-2.047

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	606	-.570	.136	-.171	-1.271
210	633	-.303	.038	-.170	-.443
210	900	-.514	.123	-.034	-1.142
210	904	-.486	.127	.203	-1.066
210	910	-1.049	.235	-.270	-2.019
210	918	-.851	.224	-.294	-1.678
212	100	-.500	.099	-.187	-1.330
212	106	-.511	.130	-.029	-1.202
212	128	-.306	.049	-.133	-.559
212	129	-.315	.054	-.096	-.593
212	150	-.489	.090	-.224	-1.538
212	230	.260	.180	.802	-.265
212	408	-1.211	.320	-.206	-2.438
212	469	-.668	.201	.049	-1.521
212	513	-1.183	.307	-.152	-2.300
212	600	-.555	.103	-.260	-1.297
212	606	-.567	.133	-.214	-1.347
212	633	-.305	.038	-.091	-.426
212	900	-.532	.128	-.108	-1.137
212	904	-.508	.125	.042	-1.171
212	910	-1.104	.234	-.335	-2.098
212	918	-.899	.229	-.349	-1.921
214	100	-.506	.107	-.208	-1.276
214	106	-.522	.142	-.042	-1.224
214	128	-.311	.049	-.124	-.592
214	129	-.319	.055	-.134	-.626
214	150	-.485	.091	-.212	-1.285
214	230	.236	.185	.840	-.250
214	408	-1.274	.308	-.251	-2.533
214	469	-.663	.202	-.018	-1.372
214	513	-1.239	.282	-.324	-2.341
214	600	-.518	.086	-.255	-1.052
214	606	-.554	.134	-.115	-1.267
214	633	-.312	.039	-.169	-.493
214	900	-.539	.130	-.087	-1.146
214	904	-.507	.126	.004	-1.232
214	910	-1.147	.225	-.464	-2.256
214	918	-.907	.220	-.291	-1.872
216	100	-.500	.110	-.235	-1.491
216	106	-.523	.150	.116	-1.424
216	128	-.310	.047	-.093	-.517
216	129	-.317	.056	-.088	-.592
216	150	-.478	.098	-.221	-1.198
216	230	.217	.191	.961	-.267
216	408	-1.327	.304	-.349	-2.537
216	469	-.710	.190	.077	-1.432
216	513	-1.238	.280	-.445	-2.533
216	600	-.482	.073	-.245	-1.156
216	606	-.524	.130	-.171	-1.389
216	633	-.315	.041	-.171	-.538
216	900	-.532	.135	-.060	-1.391
216	904	-.497	.124	-.042	-1.127
216	910	-1.167	.244	-.356	-2.409
216	918	-.931	.232	-.402	-2.114
218	100	-.492	.110	-.184	-1.363
218	106	-.509	.143	-.027	-1.220
218	128	-.301	.046	-.137	-.538
218	129	-.314	.053	-.102	-.538
218	150	-.464	.093	-.212	-1.462
218	230	.181	.190	.968	-.309
218	408	-1.309	.305	-.257	-2.578
218	469	-.691	.185	-.022	-1.431
218	513	-1.234	.279	-.459	-2.359
218	600	-.469	.073	-.233	-1.050
218	606	-.519	.128	-.159	-1.785
218	633	-.310	.039	-.160	-.607
218	900	-.523	.136	-.077	-1.232
218	904	-.481	.123	.186	-1.218
218	910	-1.157	.252	-.371	-2.281
218	918	-.921	.226	-.385	-1.965
220	100	-.485	.095	-.227	-1.318
220	106	-.497	.138	-.009	-1.249
220	128	-.293	.045	-.143	-.513
220	129	-.302	.055	-.072	-.579
220	150	-.459	.086	-.241	-1.378
220	230	.238	.194	.906	-.249
220	408	-1.360	.332	-.462	-2.513
220	469	-.718	.171	-.096	-1.367
220	513	-1.316	.313	-.466	-2.516
220	600	-.464	.082	-.248	-1.062
220	606	-.512	.122	-.173	-1.323
220	633	-.301	.037	-.171	-.487
220	900	-.517	.128	-.054	-1.242
220	904	-.494	.124	.040	-1.279
220	910	-1.065	.245	-.183	-2.044
220	918	-.932	.248	-.333	-1.950
222	100	-.526	.096	-.234	-1.232
222	106	-.511	.142	-.019	-1.356
222	128	-.302	.048	-.139	-.597
222	129	-.313	.057	-.024	-.556
222	150	-.506	.088	-.225	-.964
222	230	.414	.170	.958	-.135
222	408	-1.545	.392	-.477	-2.778
222	469	-.868	.219	-.059	-1.780
222	513	-1.636	.359	-.506	-2.797
222	600	-.526	.113	-.255	-1.503
222	606	-.575	.127	-.203	-1.497
222	633	-.308	.040	-.151	-.477
222	900	-.544	.122	-.122	-1.241
222	904	-.571	.123	-.149	-1.147
222	910	-.958	.238	-.350	-1.972
222	918	-1.082	.280	-.408	-2.410
224	100	-.534	.106	-.204	-1.587
224	106	-.512	.151	-.115	-1.465
224	128	-.296	.051	-.088	-.581
224	129	-.306	.061	-.061	-.562
224	150	-.502	.094	-.146	-1.382
224	230	.413	.163	.942	-.072
224	408	-1.470	.393	-.415	-2.651
224	469	-.906	.211	-.149	-1.880
224	513	-1.555	.410	-.491	-3.004
224	600	-.521	.126	-.196	-1.525
224	606	-.561	.120	-.262	-1.252
224	633	-.301	.040	-.149	-.440
224	900	-.542	.131	.068	-1.458
224	904	-.592	.134	-.172	-1.333
224	910	-.921	.238	-.257	-1.902
224	918	-1.140	.310	-.440	-2.390
226	100	-.519	.103	-.229	-1.325
226	106	-.501	.147	-.049	-1.498
226	128	-.289	.050	-.124	-.524
226	129	-.300	.061	-.081	-.602
226	150	-.496	.103	-.109	-1.090
226	230	.420	.159	1.007	-.176
226	408	-1.366	.401	-.426	-2.720
226	469	-.868	.190	-.013	-1.676
226	513	-1.528	.452	-.514	-2.832
226	600	-.543	.140	-.114	-1.398
226	606	-.587	.136	-.270	-1.581
226	633	-.291	.039	-.144	-.421
226	900	-.535	.136	-.066	-1.486
226	904	-.584	.142	-.130	-1.422
226	910	-.892	.243	-.318	-1.991
226	918	-1.115	.317	-.413	-2.406
228	100	-.529	.119	-.098	-1.373
228	106	-.513	.156	.044	-1.357
228	128	-.283	.051	-.073	-.526
228	129	-.295	.062	-.085	-.596
228	150	-.491	.108	-.164	-1.428
228	230	.429	.155	1.015	.005
228	408	-1.166	.363	-.358	-2.645
228	469	-.848	.184	-.195	-1.720
228	513	-1.285	.432	-.426	-2.685
228	600	-.510	.131	-.087	-1.229
228	606	-.557	.128	-.211	-1.483
228	633	-.290	.040	-.139	-.507
228	900	-.542	.134	-.044	-1.380
228	904	-.577	.136	-.134	-1.215
228	910	-.789	.213	-.247	-1.795
228	918	-1.010	.279	-.399	-2.523

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	100	-.516	.123	-.170	-1.520
230	106	-.509	.142	-.104	-1.255
230	128	-.276	.052	-.080	-.621
230	129	-.292	.062	-.056	-.630
230	150	-.500	.115	-.174	-1.258
230	230	.440	.157	.963	-.048
230	408	-1.042	.358	-.360	-2.455
230	469	-.804	.152	-.230	-1.815
230	513	-1.022	.383	-.339	-2.641
230	600	-.501	.142	-.062	-1.686
230	606	-.546	.125	-.259	-1.643
230	633	-.286	.040	-.104	-.424
230	900	-.553	.149	.005	-1.602
230	904	-.579	.137	-.134	-1.328
230	910	-.796	.234	-.264	-1.914
230	918	-.980	.289	-.331	-2.291
232	100	-.535	.127	-.193	-1.390
232	106	-.522	.144	-.143	-1.545
232	128	-.277	.050	-.119	-.487
232	129	-.277	.051	-.087	-.559
232	150	-.482	.095	-.209	-1.143
232	230	.416	.160	.917	-.220
232	408	-.890	.293	-.305	-2.519
232	469	-.798	.167	-.015	-1.552
232	513	-.743	.244	-.294	-2.091
232	600	-.494	.135	-.094	-1.177
232	606	-.550	.130	-.260	-1.625
232	633	-.294	.043	-.121	-.491
232	900	-.465	.114	-.030	-1.142
232	904	-.559	.131	-.039	-1.232
232	910	-.847	.250	-.203	-2.405
232	918	-.961	.297	-.315	-2.214
234	100	-.544	.127	-.021	-1.533
234	106	-.530	.129	-.146	-1.539
234	128	-.294	.056	-.088	-.568
234	129	-.306	.066	-.086	-.609
234	150	-.510	.119	-.097	-1.310
234	230	.442	.172	1.002	-.055
234	408	-.794	.231	-.300	-2.091
234	469	-.834	.158	-.149	-1.642
234	513	-.787	.251	-.344	-2.253
234	600	-.522	.149	.025	-1.383
234	606	-.555	.110	-.277	-1.524
234	633	-.304	.042	-.161	-.503
234	900	-.564	.148	-.107	-1.430
234	904	-.590	.143	-.092	-1.473
234	910	-.882	.260	-.320	-2.130
234	918	-1.051	.300	-.432	-2.288
236	100	-.510	.128	-.149	-1.797
236	106	-.496	.102	-.249	-1.145
236	128	-.278	.054	-.079	-.515
236	129	-.288	.063	-.081	-.619
236	150	-.483	.112	-.110	-1.169
236	230	.435	.162	1.005	-.064
236	408	-.696	.198	-.286	-1.953
236	469	-.780	.138	-.397	-1.550
236	513	-.695	.221	-.327	-2.141
236	600	-.483	.138	.002	-1.295
236	606	-.508	.105	-.229	-1.209
236	633	-.288	.043	-.135	-.521
236	900	-.496	.132	.018	-1.362
236	904	-.538	.138	.037	-1.250
236	910	-.858	.226	-.291	-1.868
236	918	-1.092	.294	-.405	-2.307
238	100	-.501	.136	-.154	-1.212
238	106	-.487	.098	-.221	-1.056
238	128	-.279	.053	-.100	-.592
238	129	-.292	.063	-.072	-.655
238	150	-.480	.119	-.063	-1.317
238	230	.449	.167	.971	-.067
238	408	-.646	.172	-.275	-1.954
238	469	-.773	.133	-.373	-1.400
238	513	-.621	.167	-.295	-2.215
238	600	-.472	.137	-.012	-1.092
238	606	-.495	.101	-.211	-1.150
238	633	-.290	.042	-.154	-.506
238	900	-.457	.122	.107	-1.068
238	904	-.507	.135	-.093	-1.133
238	910	-.877	.225	-.297	-2.045
238	918	-1.166	.275	-.433	-2.283
240	100	-.475	.150	-.027	-1.508
240	106	-.459	.076	-.249	-.949
240	128	-.275	.052	-.076	-.644
240	129	-.282	.062	-.039	-.587
240	150	-.453	.121	-.166	-1.231
240	230	.444	.159	.896	-.074
240	408	-.602	.154	-.252	-1.765
240	469	-.750	.141	-.243	-1.704
240	513	-.560	.126	-.201	-1.255
240	600	-.450	.134	-.005	-1.303
240	606	-.457	.100	-.149	-.959
240	633	-.286	.041	-.107	-.600
240	900	-.409	.125	.061	-1.041
240	904	-.479	.139	-.018	-1.054
240	910	-.869	.215	-.183	-1.911
240	918	-1.266	.253	-.538	-2.418
242	100	-.508	.158	-.040	-1.485
242	106	-.497	.088	-.257	-.978
242	128	-.274	.046	-.110	-.468
242	129	-.275	.054	-.084	-.563
242	150	-.490	.133	-.155	-1.198
242	230	.461	.163	1.064	-.030
242	408	-.571	.132	-.240	-1.660
242	469	-.748	.132	-.330	-1.482
242	513	-.552	.129	-.266	-1.400
242	600	-.457	.138	.091	-1.150
242	606	-.468	.107	-.167	-1.113
242	633	-.283	.039	-.134	-.474
242	900	-.399	.128	.082	-.977
242	904	-.473	.134	-.040	-1.221
242	910	-.908	.221	-.372	-1.883
242	918	-1.293	.239	-.530	-2.236
244	100	-.513	.167	-.120	-1.405
244	106	-.491	.082	-.260	-1.136
244	128	-.274	.041	-.121	-.515
244	129	-.276	.049	-.089	-.493
244	150	-.490	.143	-.149	-1.275
244	230	.472	.165	1.039	-.049
244	408	-.561	.123	-.195	-1.342
244	469	-.739	.135	-.341	-1.355
244	513	-.540	.120	-.217	-1.594
244	600	-.463	.141	-.068	-1.359
244	606	-.461	.102	-.182	-1.200
244	633	-.290	.038	-.152	-.462
244	900	-.348	.133	.205	-.850
244	904	-.446	.130	.008	-1.148
244	910	-.874	.206	-.362	-1.819
244	918	-1.375	.240	-.725	-2.645
246	100	-.525	.173	-.106	-1.357
246	106	-.500	.088	-.240	-.931
246	128	-.271	.046	-.111	-.503
246	129	-.279	.055	-.092	-.564
246	150	-.508	.153	-.097	-1.346
246	230	.481	.172	1.087	-.030
246	408	-.552	.130	-.196	-2.157
246	469	-.734	.143	-.329	-1.500
246	513	-.527	.110	-.194	-1.270
246	600	-.465	.141	-.055	-1.170
246	606	-.461	.103	-.127	-1.171
246	633	-.291	.042	-.120	-.483
246	900	-.322	.135	.143	-.852
246	904	-.432	.130	-.024	-.980
246	910	-.873	.210	-.291	-1.818
246	918	-1.417	.235	-.690	-2.325
248	100	-.532	.174	-.030	-1.296
248	106	-.509	.087	-.204	-.946
248	128	-.281	.049	-.105	-.473
248	129	-.287	.056	-.057	-.540
248	150	-.513	.158	-.121	-1.716
248	230	.489	.169	1.004	-.019

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
248	408	-.546	.107	-.188	-1.084
248	469	-.743	.144	-.298	-1.391
248	513	-.528	.109	-.147	-1.303
248	600	-.468	.138	-.001	-1.123
248	606	-.451	.098	-.182	-1.112
248	633	-.295	.044	-.140	-.505
248	900	-.278	.138	.214	-.792
248	904	-.401	.118	-.018	-.868
248	910	-.829	.202	-.286	-1.738
248	918	-1.449	.246	-.663	-2.483
250	100	-.554	.181	-.087	-1.560
250	106	-.535	.102	-.282	-1.114
250	128	-.278	.049	-.116	-.583
250	129	-.286	.056	-.058	-.553
250	150	-.544	.166	-.106	-1.313
250	230	.491	.166	1.101	-.066
250	408	-.331	.112	-.162	-1.153
250	469	-.716	.143	-.293	-1.385
250	513	-.510	.109	-.200	-1.323
250	600	-.460	.129	-.028	-1.160
250	606	-.455	.096	-.147	-.985
250	633	-.305	.048	-.121	-.535
250	900	-.263	.134	.150	-.897
250	904	-.395	.117	-.050	-.969
250	910	-.786	.196	-.330	-2.044
250	918	-1.441	.224	-.665	-2.260
252	100	-.608	.177	-.130	-1.393
252	106	-.606	.146	-.316	-1.836
252	128	-.287	.054	-.080	-.554
252	129	-.283	.053	-.098	-.498
252	150	-.584	.169	-.151	-1.294
252	230	.471	.175	.988	-.022
252	408	-.518	.112	-.240	-1.210
252	469	-.690	.141	-.230	-1.431
252	513	-.499	.099	-.198	-1.094
252	600	-.456	.125	-.076	-1.118
252	606	-.469	.087	-.128	-.797
252	633	-.307	.049	-.131	-.578
252	900	-.232	.131	.238	-.723
252	904	-.377	.107	-.035	-.869
252	910	-.814	.199	-.359	-1.613
252	918	-1.463	.213	-.601	-2.294
254	100	-.600	.165	-.097	-1.591
254	106	-.726	.206	-.285	-1.795
254	128	-.285	.051	-.085	-.542
254	129	-.281	.048	-.117	-.453
254	150	-.580	.170	-.104	-1.539
254	230	.457	.178	1.062	-.082
254	408	-.513	.115	-.134	-1.424
254	469	-.660	.140	-.282	-1.373
254	513	-.500	.101	-.224	-.986
254	600	-.462	.123	-.076	-1.088
254	606	-.474	.083	-.186	-.880
254	633	-.307	.048	-.137	-.568
254	900	-.208	.130	.222	-.713
254	904	-.368	.098	.021	-.759
254	910	-.780	.201	-.221	-1.844
254	918	-1.486	.246	-.608	-2.257
256	100	-.564	.146	-.184	-1.248
256	106	-.911	.283	-.372	-2.588
256	128	-.285	.047	-.112	-.497
256	129	-.278	.045	-.114	-.481
256	150	-.533	.134	-.130	-1.279
256	230	.429	.172	1.045	-.053
256	408	-.498	.108	-.154	-1.186
256	469	-.633	.145	-.264	-1.460
256	513	-.496	.094	-.177	-.891
256	600	-.467	.110	-.106	-1.126
256	606	-.484	.084	-.239	-.927
256	633	-.302	.046	-.150	-.536
256	900	-.196	.124	.237	-.665
256	904	-.351	.092	-.024	-.736
256	910	-.763	.189	-.327	-1.936
256	918	-1.467	.248	-.186	-2.462
258	100	-.500	.112	-.161	-1.228
258	106	-1.108	.267	-.501	-2.363
258	128	-.278	.041	-.103	-.458
258	129	-.264	.038	-.121	-.476
258	150	-.489	.101	-.186	-1.166
258	230	.431	.172	.919	-.084
258	408	-.494	.109	-.152	-1.086
258	469	-.605	.145	-.233	-1.547
258	513	-.459	.085	-.166	-.863
258	600	-.448	.097	-.046	-.993
258	606	-.456	.079	-.234	-.851
258	633	-.294	.041	-.161	-.564
258	900	-.175	.114	.205	-.583
258	904	-.326	.078	.118	-.784
258	910	-.736	.183	-.322	-1.600
258	918	-1.413	.283	-.295	-2.307
260	100	-.486	.091	-.237	-1.117
260	106	-1.230	.257	-.567	-2.342
260	128	-.273	.041	-.101	-.491
260	129	-.270	.037	-.116	-.416
260	150	-.484	.093	-.165	-.844
260	230	.421	.168	.960	-.190
260	408	-.495	.104	-.181	-1.209
260	469	-.613	.143	-.225	-1.676
260	513	-.473	.088	-.179	-.884
260	600	-.454	.093	-.136	-1.051
260	606	-.445	.072	-.203	-.701
260	633	-.292	.039	-.154	-.561
260	900	-.159	.110	.274	-.594
260	904	-.323	.068	-.050	-.634
260	910	-.725	.177	-.296	-1.666
260	918	-1.328	.318	-.152	-2.221
266	100	-.462	.078	-.138	-.753
266	106	-1.365	.301	-.456	-2.611
266	128	-.275	.036	-.112	-.427
266	129	-.278	.035	-.036	-.443
266	150	-.484	.086	-.206	-1.124
266	230	.324	.165	.889	-.278
266	408	-.491	.099	-.160	-1.254
266	469	-.621	.143	-.247	-1.466
266	513	-.468	.082	-.196	-.999
266	600	-.470	.084	-.186	-.879
266	606	-.443	.068	-.225	-.737
266	633	-.297	.037	-.149	-.512
266	900	-.141	.091	.249	-.524
266	904	-.312	.054	-.054	-.498
266	910	-.683	.167	-.230	-1.449
266	918	-.978	.325	-.126	-1.999
268	100	-.450	.078	-.201	-.820
268	106	-1.414	.300	-.586	-2.560
268	128	-.271	.036	-.118	-.486
268	129	-.273	.036	-.111	-.444
268	150	-.460	.080	-.204	-.815
268	230	.276	.155	.802	-.219
268	408	-.482	.102	-.141	-1.222
268	469	-.608	.139	-.175	-1.556
268	513	-.466	.079	-.164	-.824
268	600	-.463	.084	-.136	-.947
268	606	-.439	.071	-.233	-.765
268	633	-.295	.037	-.136	-.446
268	900	-.127	.085	.227	-.483
268	904	-.304	.051	-.113	-.475
268	910	-.674	.168	-.210	-1.593
268	918	-.901	.312	-.014	-2.011
270	100	-.416	.079	-.044	-.996
270	106	-1.207	.324	-.098	-2.544
270	128	-.245	.032	-.130	-.368
270	129	-.243	.034	-.113	-.444
270	150	-.442	.084	-.223	-.803
270	230	.310	.169	.951	-.239
270	408	-.440	.098	-.120	-.997
270	469	-.580	.150	-.195	-1.709
270	513	-.416	.075	-.094	-.767
270	600	-.430	.075	-.155	-.880
270	606	-.405	.068	-.199	-.683
270	633	-.262	.037	-.141	-.707

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	900	-.117	.094	.276	-.547
270	904	-.285	.055	-.013	-.545
270	910	-.613	.163	-.186	-1.449
270	918	-.896	.330	.203	-1.811
272	100	-.401	.077	-.159	-.865
272	106	-1.188	.342	-.158	-2.391
272	128	-.234	.032	-.077	-.412
272	129	-.231	.033	-.101	-.391
272	150	-.425	.079	-.188	-.818
272	230	.276	.172	.939	-.711
272	408	-.435	.094	-.118	-1.168
272	469	-.560	.147	-.155	-2.624
272	513	-.409	.075	-.069	-.819
272	600	-.414	.075	-.046	-.758
272	606	-.392	.064	-.186	-.674
272	633	-.254	.032	-.149	-.394
272	900	-.106	.090	.271	-.420
272	904	-.271	.054	-.054	-.513
272	910	-.616	.171	-.069	-1.784
272	918	-.783	.337	.211	-1.867
274	100	-.402	.075	-.161	-.735
274	106	-1.125	.336	.101	-2.457
274	128	-.226	.031	-.094	-.347
274	129	-.228	.032	-.080	-.450
274	150	-.412	.078	-.126	-.755
274	230	.265	.166	.831	-.449
274	408	-.431	.091	-.109	-.949
274	469	-.570	.139	-.246	-1.480
274	513	-.408	.072	-.141	-.977
274	600	-.412	.071	-.174	-.707
274	606	-.391	.063	-.186	-.647
274	633	-.250	.033	-.139	-.515
274	900	-.097	.085	.330	-.473
274	904	-.256	.052	-.027	-.534
274	910	-.609	.166	-.065	-1.304
274	918	-.625	.306	.207	-1.666
276	100	-.406	.078	-.124	-.787
276	106	-1.119	.360	-.074	-2.698
276	128	-.228	.034	-.103	-.435
276	129	-.226	.031	-.086	-.342
276	150	-.410	.073	-.177	-.733
276	230	.269	.148	.897	-.481
276	408	-.434	.090	-.132	-1.053
276	469	-.600	.147	-.235	-1.782
276	513	-.403	.068	-.190	-.866
276	600	-.407	.064	-.164	-.697
276	606	-.388	.059	-.227	-.615
276	633	-.251	.033	-.099	-.466
276	900	-.095	.087	.302	-.435
276	904	-.247	.052	.001	-.471
276	910	-.603	.165	-.166	-1.406
276	918	-.545	.298	.200	-1.783
278	100	-.386	.077	-.092	-.884
278	106	-1.034	.332	-.152	-2.258
278	128	-.223	.033	-.092	-.413
278	129	-.219	.030	-.105	-.385
278	150	-.392	.075	-.042	-.701
278	230	.261	.156	.799	-.233
278	408	-.423	.088	-.124	-.907
278	469	-.592	.146	-.196	-2.259
278	513	-.391	.068	-.165	-.825
278	600	-.388	.064	-.179	-.905
278	606	-.372	.060	-.140	-.582
278	633	-.247	.036	-.099	-.474
278	900	-.089	.092	.250	-.528
278	904	-.232	.055	-.034	-.543
278	910	-.587	.168	-.090	-1.326
278	918	-.433	.273	.224	-1.638
280	100	-.359	.081	-.076	-.720
280	106	-.893	.317	.125	-2.296
280	128	-.217	.032	-.093	-.395
280	129	-.213	.032	-.080	-.382
280	150	-.361	.074	-.063	-.633
280	230	.228	.161	.811	-.284
280	408	-.402	.094	-.048	-.880
280	469	-.553	.140	-.146	-1.795
280	513	-.376	.069	-.131	-.847
280	600	-.374	.064	-.129	-.881
280	606	-.359	.056	-.173	-.619
280	633	-.241	.035	-.091	-.444
280	900	-.078	.101	.380	-.496
280	904	-.215	.060	.028	-.531
280	910	-.577	.182	.073	-1.713
280	918	-.342	.269	.305	-1.520
282	100	-.290	.070	-.026	-.641
282	106	-.791	.237	.281	-1.897
282	128	-.215	.053	-.044	-.675
282	129	-.188	.036	-.023	-.339
282	150	-.282	.061	-.017	-.672
282	230	.154	.162	.835	-.484
282	408	-.360	.099	-.048	-.946
282	469	-.493	.144	-.142	-1.455
282	513	-.345	.077	-.099	-.802
282	600	-.337	.073	-.090	-.667
282	606	-.292	.050	-.125	-.519
282	633	-.250	.072	-.056	-.841
282	900	-.007	.092	.322	-.368
282	904	-.142	.056	.049	-.492
282	910	-.536	.185	.172	-1.451
282	918	-.049	.159	.353	-.974
284	100	-.270	.067	-.011	-.596
284	106	-.731	.249	.215	-2.174
284	128	-.213	.053	-.033	-.524
284	129	-.191	.039	-.019	-.369
284	150	-.275	.056	-.067	-.585
284	230	.140	.151	.726	-.340
284	408	-.354	.093	-.045	-.868
284	469	-.461	.138	-.094	-1.621
284	513	-.335	.072	-.128	-.738
284	600	-.329	.066	-.127	-.647
284	606	-.286	.046	-.086	-.461
284	633	-.260	.074	-.067	-1.294
284	900	-.000	.095	.357	-.493
284	904	-.145	.059	.057	-.542
284	910	-.505	.174	.091	-1.408
284	918	-.037	.146	.317	-.747
286	100	-.261	.067	.012	-.625
286	106	-.693	.249	.169	-1.789
286	128	-.228	.057	-.059	-.562
286	129	-.194	.040	-.027	-.362
286	150	-.260	.054	.008	-.582
286	230	.099	.149	.776	-.462
286	408	-.345	.097	-.040	-.842
286	469	-.438	.135	.001	-1.419
286	513	-.329	.078	-.085	-.733
286	600	-.323	.065	-.129	-.676
286	606	-.281	.047	-.132	-.430
286	633	-.287	.089	-.046	-.883
286	900	-.001	.099	.303	-.402
286	904	-.140	.065	.062	-.571
286	910	-.458	.184	.141	-1.225
286	918	.008	.145	.336	-.834
288	100	-.236	.071	.098	-.790
288	106	-.594	.273	.295	-2.052
288	128	-.225	.062	-.021	-.670
288	129	-.186	.041	-.010	-.372
288	150	-.241	.057	-.028	-.600
288	230	.065	.164	.709	-.956
288	408	-.334	.101	-.014	-1.584
288	469	-.394	.132	.024	-1.503
288	513	-.313	.077	-.023	-.645
288	600	-.303	.061	-.107	-.635
288	606	-.270	.046	-.099	-.545
288	633	-.288	.100	-.018	-1.394
288	900	-.000	.098	.519	-.461
288	904	-.134	.069	.101	-.714
288	910	-.396	.196	.235	-1.164
288	918	.034	.133	.385	-.935
290	100	-.214	.068	.106	-.639
290	106	-.516	.267	.431	-1.823

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	128	-.232	.064	-.008	-.632
290	129	-.180	.044	.028	-.420
290	150	-.229	.054	.047	-.601
290	230	.030	.170	.602	-.744
290	408	-.329	.096	.003	-.802
290	469	-.374	.124	-.032	-1.071
290	513	-.308	.080	-.023	-.866
290	600	-.300	.061	-.132	-.574
290	606	-.264	.047	-.108	-.540
290	633	-.316	.134	-.074	-1.827
290	900	-.001	.104	.431	-.503
290	904	-.135	.076	.097	-.643
290	910	-.362	.190	.270	-1.096
290	918	.038	.142	.404	-.917
340	100	-.097	.082	.224	-.423
340	106	-.280	.136	.739	-.212
340	128	-.339	.097	.014	-.910
340	129	-.050	.059	.222	-.305
340	150	-.053	.084	.269	-.331
340	230	-.337	.080	-.057	-1.138
340	408	-.326	.133	.162	-1.128
340	469	-.423	.131	.041	-.940
340	513	-.360	.121	.042	-.998
340	600	-.434	.124	.043	-1.116
340	606	-.394	.078	-.181	-.746
340	633	-.789	.209	-.083	-1.869
340	900	-.433	.110	-.130	-1.211
340	904	-.421	.093	-.174	-.964
340	910	-.296	.190	.371	-1.017
340	918	-.552	.209	.277	-1.612
342	100	-.100	.091	.240	-.417
342	106	-.268	.140	.703	-.170
342	128	-.333	.104	.045	-.964
342	129	-.320	.102	.116	-.751
342	150	-.436	.137	.018	-1.064
342	230	-.093	.089	.245	-.504
342	408	-.276	.134	.724	-.319
342	469	-.440	.135	-.031	-1.006
342	513	-.333	.092	-.012	-.770
342	600	-.453	.136	-.026	-.985
342	606	-.094	.090	.243	-.394
342	633	-.274	.135	.744	-.206
342	900	-.048	.059	.227	-.273
342	904	-.059	.090	.304	-.347
342	910	-.330	.075	-.090	-.649
342	918	-.373	.142	.183	-1.064
344	100	-.100	.090	.276	-.424
344	106	.278	.133	.737	-.146
344	128	-.330	.099	.009	-.735
344	129	-.038	.062	.219	-.299

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
344	150	-.053	.087	.244	-.406
344	230	-.333	.068	-.131	-.900
344	408	-.428	.136	.015	-1.071
344	469	-.464	.141	.052	-1.015
344	513	-.437	.129	.054	-1.253
344	600	-.478	.125	-.156	-1.097
344	606	-.451	.080	-.217	-.693
344	633	-.813	.217	-.322	-2.340
344	900	-.469	.094	-.175	-1.006
344	904	-.455	.087	-.149	-.898
344	910	-.321	.190	.369	-1.072
344	918	-.632	.235	.211	-1.690
346	100	-.092	.099	.324	-.461
346	106	-.253	.143	.777	-.284
346	128	-.311	.108	.085	-.821
346	129	-.029	.065	.338	-.315
346	150	-.037	.091	.316	-.384
346	230	-.345	.067	-.113	-.797
346	408	-.483	.155	.010	-1.535
346	469	-.449	.137	-.058	-1.055
346	513	-.463	.127	-.104	-1.311
346	600	-.506	.133	-.122	-1.082
346	606	-.487	.077	-.272	-.794
346	633	-.850	.239	-.209	-2.849
346	900	-.520	.091	-.246	-1.020
346	904	-.505	.085	-.260	-.892
346	910	-.364	.211	.469	-1.180
346	918	-.694	.243	.352	-1.674
348	100	-.097	.100	.246	-.423
348	106	.235	.138	.717	-.179
348	128	-.315	.099	.054	-.911
348	129	-.023	.067	.273	-.279
348	150	-.036	.095	.399	-.354
348	230	-.355	.064	-.146	-.663
348	408	-.493	.158	-.022	-1.671
348	469	-.439	.133	-.012	-1.033
348	513	-.478	.141	-.100	-1.692
348	600	-.528	.166	.138	-1.665
348	606	-.520	.086	-.243	-.912
348	633	-.854	.251	-.082	-2.281
348	900	-.530	.098	-.269	-1.240
348	904	-.514	.091	-.262	-.908
348	910	-.341	.202	.359	-1.128
348	918	-.677	.251	.226	-1.928
350	100	-.089	.106	.274	-.590
350	106	.212	.138	.665	-.354
350	128	-.287	.112	.242	-.977
350	129	-.016	.071	.324	-.231
350	150	-.027	.105	.339	-.584
350	230	-.372	.065	-.119	-.680

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	408	-.510	.163	-.127	-1.488
350	469	-.443	.126	-.012	-1.001
350	513	-.502	.146	-.123	-1.267
350	600	-.561	.178	.055	-1.354
350	606	-.562	.094	-.261	-1.227
350	633	-.914	.273	-.163	-2.384
350	900	-.564	.094	-.298	-.984
350	904	-.547	.090	-.282	-.915
350	910	-.352	.211	.551	-1.298
350	918	-.701	.266	.235	-1.778
352	100	-.087	.105	.430	-.603
352	106	.208	.136	.980	-.303
352	128	-.297	.116	.197	-.805
352	129	-.018	.068	.238	-.233
352	150	-.037	.104	.377	-.458
352	230	-.391	.070	-.196	-.774
352	408	-.522	.167	-.085	-1.524
352	469	-.460	.134	-.019	-1.032
352	513	-.501	.145	-.130	-1.413
352	600	-.562	.183	-.047	-1.518
352	606	-.587	.101	-.286	-1.190
352	633	-.911	.269	-.180	-2.467
352	900	-.585	.095	-.269	-1.297
352	904	-.570	.092	-.241	-1.002
352	910	-.355	.219	.630	-1.300
352	918	-.722	.265	.320	-1.939
354	100	-.091	.107	.309	-.486
354	106	.171	.129	.701	-.284
354	128	-.281	.115	.137	-.752
354	129	.002	.069	.346	-.281
354	150	-.029	.111	.399	-.493
354	230	-.400	.065	-.179	-.750
354	408	-.529	.173	-.054	-1.530
354	469	-.461	.127	-.071	-1.045
354	513	-.515	.158	-.106	-1.584
354	600	-.581	.206	.125	-1.649
354	606	-.661	.120	-.274	-1.514
354	633	-.954	.293	-.223	-2.282
354	900	-.614	.101	-.303	-1.406
354	904	-.593	.094	-.314	-.944
354	910	-.340	.218	.585	-1.236
354	918	-.716	.271	.301	-1.944
356	100	-.084	.116	.375	-.521
356	106	.159	.130	.577	-.320
356	128	-.272	.112	.182	-.722
356	129	-.000	.072	.369	-.233
356	150	-.023	.114	.398	-.542
356	230	-.403	.061	-.222	-.628
356	408	-.522	.166	-.061	-1.681
356	469	-.465	.125	-.026	-1.057

APPENDIX A -- PRESSURE DATA: PROJECT "C", DENVER, COLORADO -- CONFIGURATION B

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
356	513	-.483	.155	-.070	-1.416
356	600	-.554	.209	.083	-1.705
356	606	-.754	.170	-.393	-2.222
356	633	-1.003	.323	-.014	-2.775
356	900	-.618	.107	-.317	-1.306
356	904	-.590	.098	-.295	-.957
356	910	-.355	.208	.482	-1.182
356	918	-.711	.272	.286	-2.228
358	100	-.082	.125	.376	-.610
358	106	.132	.128	.599	-.361
358	128	-.256	.119	.361	-1.168
358	129	-.012	.072	.280	-.208
358	150	-.024	.118	.420	-.510
358	230	-.405	.063	-.205	-.674
358	408	-.501	.165	.010	-1.768
358	469	-.466	.120	-.103	-.966
358	513	-.479	.151	-.074	-1.227
358	600	-.544	.198	.113	-1.655
358	606	-.845	.209	-.364	-2.272
358	633	-1.007	.339	-.134	-3.483
358	900	-.638	.108	-.275	-1.292
358	904	-.599	.098	-.301	-1.180
358	910	-.360	.201	.407	-1.224
358	918	-.699	.259	.335	-1.622

APPENDIX A -- PRESSURE DATA: PROJECT "C" DENVER, COLORADO -- CONFIGURATION C

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	206	-.501	.148	-.077	-1.452
120	207	-.508	.150	-.080	-1.650
120	208	-.539	.175	.079	-1.472
120	226	-.549	.123	-.229	-1.224
120	227	-.528	.109	-.207	-1.134
120	228	-.579	.144	-.208	-1.418
120	244	-.585	.144	-.166	-1.238
120	245	-.560	.116	-.180	-1.066
120	246	-.583	.135	-.209	-1.365
120	262	-.561	.114	-.270	-1.205
120	263	-.564	.107	-.264	-1.091
120	264	-.593	.122	-.271	-1.273
120	321	-.502	.133	-.129	-1.262
120	322	-.511	.131	-.118	-1.399
120	323	-.555	.170	.187	-1.515
120	405	-.588	.114	-.210	-1.135
120	406	-.588	.130	-.193	-1.104
120	407	-.862	.248	-.306	-2.032
120	408	-.117	.105	.314	-.493
120	409	.010	.109	.375	-.345
120	410	.096	.119	.543	-.280
120	411	.160	.126	.532	-.249
120	412	.215	.136	.704	-.196
120	413	.263	.141	.740	-.155
120	429	-.541	.099	-.262	-1.019
120	430	-.642	.180	-.187	-1.439
120	431	-.709	.274	-.164	-1.934
120	432	-.089	.110	.259	-.531
120	433	.109	.117	.589	-.276
120	434	.290	.132	.792	-.106
120	435	.427	.145	.912	.006
120	436	.478	.152	1.010	-.010
120	437	.511	.154	1.003	.013
120	447	-.621	.133	-.211	-1.354
120	448	-.707	.182	-.232	-1.660
120	449	-.867	.309	-.357	-1.993
120	450	-.270	.119	.189	-.738
120	451	-.004	.110	.399	-.344
120	452	.214	.124	.636	-.128
120	453	.359	.139	.836	-.001
120	454	.401	.143	.987	.045
120	455	.407	.147	.949	.005
120	465	-.702	.154	-.300	-1.510
120	466	-.845	.224	-.294	-1.768
120	467	-1.166	.289	-.354	-2.550
120	468	-.370	.112	.245	-.937
120	469	-.108	.104	.421	-.499
120	470	.118	.114	.856	-.201
120	471	.256	.125	.797	-.029
120	472	.296	.133	.804	.000
120	473	.306	.136	.815	-.030
120	510	-.582	.116	-.248	-1.115
120	511	-.637	.135	-.145	-1.225
120	512	-.827	.253	-.294	-1.918
120	513	-.025	.109	.348	-.411
120	601	.254	.141	.691	-.329
120	602	.184	.119	.628	-.294
120	607	.494	.142	.909	.043
120	608	.484	.138	.890	.035
120	614	.425	.143	.984	.015
120	615	.410	.138	.825	.035
120	621	.300	.140	.828	-.052
120	622	.292	.132	.786	-.019
120	907	-.632	.118	-.271	-1.389
120	910	-.674	.157	-.292	-1.642
130	206	-.471	.132	-.101	-1.123
130	207	-.493	.149	-.026	-1.274
130	208	-.519	.179	.168	-1.466
130	226	-.537	.150	-.082	-1.245
130	227	-.490	.119	-.142	-1.123
130	228	-.539	.162	-.116	-1.366
130	244	-.580	.157	-.208	-1.599
130	245	-.564	.133	-.202	-1.120
130	246	-.578	.148	-.144	-1.225
130	262	-.566	.126	-.170	-1.127
130	263	-.593	.137	-.201	-1.347
130	264	-.566	.134	-.075	-1.185
130	321	-.465	.131	-.040	-1.227
130	322	-.495	.136	-.054	-1.146
130	323	-.510	.168	-.008	-1.243
130	405	-.768	.115	-.299	-1.229
130	406	-.518	.108	-.178	-1.132
130	407	-1.074	.256	-.203	-1.965
130	408	-.059	.132	.515	-.553
130	409	.069	.127	.484	-.459
130	410	.117	.127	.514	-.312
130	411	.156	.130	.573	-.290
130	412	.198	.135	.628	-.289
130	413	.228	.134	.642	-.258
130	429	-.688	.101	-.362	-1.220
130	430	-.757	.254	-.122	-1.729
130	431	-1.234	.278	-.222	-2.064
130	432	-.122	.126	.392	-.570
130	433	.156	.126	.755	-.224
130	434	.372	.137	.831	-.028
130	435	.499	.145	.964	.083
130	436	.523	.147	1.065	.105
130	437	.482	.151	.952	.078
130	447	-.687	.124	-.278	-1.276
130	448	-.724	.205	-.208	-1.764
130	449	-1.194	.262	-.175	-2.265
130	450	-.293	.124	.303	-.662
130	451	.011	.121	.564	-.358
130	452	.234	.132	.721	-.125
130	453	.361	.142	.905	-.017
130	454	.418	.141	.850	.035
130	455	.403	.142	.835	.005
130	465	-.774	.145	-.377	-1.597
130	466	-.747	.204	-.265	-1.708
130	467	-1.205	.276	-.174	-2.208
130	468	-.314	.139	.401	-.788
130	469	-.059	.126	.513	-.434
130	470	.135	.124	.665	-.145
130	471	.250	.131	.748	-.083
130	472	.267	.137	.722	-.129
130	473	.257	.138	.741	-.199
130	510	-.757	.109	-.367	-1.245
130	511	-.595	.109	-.305	-1.136
130	512	-1.097	.253	-.290	-2.071
130	513	.040	.136	.446	-.404
130	601	.082	.144	.547	-.473
130	602	.073	.111	.403	-.287
130	607	.401	.149	.842	-.096
130	608	.403	.131	.813	.040
130	614	.339	.142	.866	-.216
130	615	.331	.123	.768	-.035
130	621	.190	.135	.724	-.561
130	622	.192	.118	.682	-.156
130	907	-.798	.120	-.424	-1.275
130	910	-.803	.141	-.428	-1.427
140	206	-.432	.094	-.116	-.880
140	207	-.458	.107	-.157	-1.269
140	208	-.537	.176	.036	-1.273
140	226	-.475	.110	-.137	-1.090
140	227	-.475	.109	-.063	-1.105
140	228	-.487	.140	-.016	-1.257
140	244	-.509	.112	-.226	-1.465
140	245	-.530	.111	-.276	-1.397
140	246	-.465	.113	-.006	-.974
140	262	-.575	.133	-.224	-1.248
140	263	-.613	.147	-.254	-1.542
140	264	-.504	.105	-.161	-1.029
140	321	-.430	.098	-.141	-1.105
140	322	-.455	.104	-.181	-.981
140	323	-.537	.205	-.044	-1.439
140	405	-.726	.130	-.269	-1.181
140	406	-.341	.096	.070	-.866
140	407	-.570	.249	.308	-1.567
140	408	.146	.152	.704	-.610
140	409	.215	.147	.813	-.499

APPENDIX A -- PRESSURE DATA: PROJECT "C" DENVER, COLORADO -- CONFIGURATION C

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	410	.215	.134	1.068	-.529
140	411	.206	.130	.665	-.405
140	412	.209	.131	.704	-.402
140	413	.192	.125	.644	-.348
140	429	-.777	.102	-.474	-1.376
140	430	-.546	.204	.086	-1.976
140	431	-1.073	.325	.296	-2.591
140	432	.012	.169	.686	-.646
140	433	.230	.161	.818	-.387
140	434	.399	.166	.958	-.228
140	435	.482	.165	1.228	-.144
140	436	.466	.157	1.149	-.121
140	437	.402	.146	1.045	-.215
140	447	-.765	.170	-.309	-1.738
140	448	-.666	.212	-.097	-2.014
140	449	-1.138	.325	.104	-2.329
140	450	-.270	.159	.311	-1.242
140	451	.022	.150	.567	-.628
140	452	.239	.161	.986	-.370
140	453	.362	.166	1.092	-.194
140	454	.402	.158	.924	-.146
140	455	.364	.150	.915	-.174
140	465	-.800	.213	.077	-1.980
140	466	-.625	.205	.114	-1.691
140	467	-.984	.340	.478	-2.342
140	468	-.243	.139	.434	-.895
140	469	-.034	.130	.558	-.637
140	470	.128	.137	.630	-.292
140	471	.230	.140	.859	-.258
140	472	.232	.139	.891	-.274
140	473	.206	.132	.793	-.256
140	510	-.669	.119	-.287	-1.158
140	511	-.429	.099	.026	-.855
140	512	-.636	.290	.541	-2.045
140	513	.244	.164	1.037	-.445
140	601	-.125	.165	.407	-1.127
140	602	-.031	.088	.258	-.396

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	607	.186	.157	.731	-.469
140	608	.252	.121	.727	-.427
140	614	.203	.147	.714	-.470
140	615	.252	.119	.712	-.203
140	621	.110	.126	.641	-.416
140	622	.129	.104	.626	-.226
140	907	-.828	.138	-.428	-1.510
140	910	-.820	.155	-.398	-1.598
150	206	-.393	.093	-.072	-1.089
150	207	-.437	.108	-.128	-1.206
150	208	-.491	.193	.133	-1.412
150	226	-.429	.087	-.155	-.885
150	227	-.418	.081	-.215	-.966
150	228	-.413	.093	-.049	-.995
150	244	-.450	.085	-.205	-.818
150	245	-.451	.082	-.255	-.887
150	246	-.399	.075	-.124	-.750
150	262	-.532	.151	-.147	-1.232
150	263	-.559	.164	-.119	-1.485
150	264	-.440	.107	-.085	-.957
150	321	-.395	.080	-.149	-.877
150	322	-.417	.085	-.187	-.962
150	323	-.490	.210	.049	-1.483
150	405	-.525	.146	-.064	-1.386
150	406	-.076	.120	.322	-.736
150	407	.011	.209	.747	-1.755
150	408	.307	.174	.893	-.675
150	409	.307	.165	.880	-.554
150	410	.286	.145	.748	-.529
150	411	.252	.140	.697	-.547
150	412	.208	.137	.612	-.777
150	413	.126	.128	.558	-.750
150	429	-.639	.134	-.211	-1.276
150	430	-.260	.169	.280	-1.495
150	431	-.332	.378	.862	-1.984
150	432	.198	.235	.992	-.654
150	433	.294	.212	.905	-.447

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	434	.342	.202	.960	-.405
150	435	.337	.192	.986	-.353
150	436	.270	.189	.943	-.360
150	437	.159	.185	.761	-.445
150	447	-.555	.202	.261	-1.409
150	448	-.344	.180	.267	-1.544
150	449	-.438	.358	.449	-1.892
150	450	-.118	.170	.584	-.679
150	451	-.019	.147	.626	-.592
150	452	.059	.153	.741	-.511
150	453	.100	.172	.896	-.356
150	454	.098	.177	.805	-.411
150	455	.047	.188	.922	-.564
150	465	-.394	.174	.269	-1.101
150	466	-.247	.181	.670	-.943
150	467	-.287	.307	.700	-1.567
150	468	-.115	.141	.422	-.609
150	469	-.062	.107	.408	-.475
150	470	-.024	.092	.449	-.528
150	471	.005	.108	.850	-.308
150	472	-.010	.125	.732	-.393
150	473	-.027	.135	.614	-.534
150	510	-.444	.139	-.034	-1.328
150	511	-.127	.112	.242	-.600
150	512	.027	.233	.777	-1.196
150	513	.429	.177	1.045	-.491
150	601	-.433	.198	.272	-1.568
150	602	-.134	.128	.186	-.743
150	607	-.180	.255	.602	-1.334
150	608	-.032	.233	.530	-1.042
150	614	-.102	.231	.554	-1.309
150	615	-.001	.188	.625	-.859
150	621	-.086	.146	.538	-.632
150	622	-.061	.126	.492	-.697
150	907	-.809	.171	-.325	-1.594
150	910	-.791	.172	-.347	-1.526