FINAL PROJECT (RC14-1501)

APPLICATION OF DIRECT DISPLACEMENT BASED DESIGN FOR DUAL SYSTEM BUILDING

FIRNALIA PERDANA PUTRI
NRP 3111 100 060

Supervisor
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FINAL PROJECT

Submitted in partial fulfillment of the
requirements for the *Sarjana Teknik* degree
On
Structural Engineering field of study
Program Study *S-1* Department of Civil Engineering
Faculty of Civil Engineering and Planning
Institut Teknologi Sepuluh Nopember
Surabaya

By

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Surabaya
July, 2015

PENGAPLIKASIAN METODE DIRECT DISPLACEMENT BASED DESIGN UNTUK BANGUNAN SISTEM GANDA

NAMA	: Firnalia Perdana P.
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ABSTRAK

Sejalan dengan waktu, bangunan-bangunan terpaksa untuk dibangun ke atas karena keterbatasan luas lahan dan populasi masyarakat yang masih berkembang. Dengan penambahan bangunan yang menjadi semakin tinggi dari sebelumnya, adapun beberapa kelemahan dengan peraturan pembangunan sekarang untuk mewadahi perkembangan ini. Bangunan yang mengacu pada peraturan terkini dipandang terlalu konservatif dan desain yang lebih bagus bisa di rancang apabila ada metode desain yang baru.

Maka dari itu, metode desain baru yang beda dari metode yang digunakan di peraturan terkini harus dikembangkan. *Direct Displacement Based Design* (DDBD) adalah sebuah metode desain yang menunjukan keunggulan dimana desain tersebut mengacu kepada defleksi. Karena kebanyakan kerusakan pada bangunan adalah akibat defleksi, maka bangunan yang didesain dengan metode *Direct Displacement Based Design* tersebut akan lebih effisien.

Metode yang baru dikembangkan ini akan diapplikasikan pada tugas akhir ini untuk mengetahui apabila metode ini akan memberikan desain bangunan yang lebih efisien. Objek dari tugas akhir ini adalah sebuah apartmen dengan dinding geser yang mempunyai 27 lantai. Tulangan untuk elemen – elemen primer dihitung mengacu pada *base shear* yang telah terhitung.

Hasil dari tugas akhir ini adalah nilai *base shear* untuk metode *Direct Displacement Based Design* lebih kecil daripada metode *Force Based Design*, dimana *base shear* dari *Direct Displacement*

Based Design adalah *3825840 kg*, dan hasil dari *Force Based Design* adalah *4731599.688 kg*.
Karena nilai *base shear* yang lebih kecil ini, tulangan yang dibutuhkan oleh balok dan kolom juga lebih kecil . Penulangan DDBD rata-rata 12% lebih kecil daripada *Force Based Design* untuk tulangan memanjang dan 7% untuk tulangan sengkang. Perbedaan untuk tulangan kolom terlalu kecil maka bisa dilihat tidak ada perbedaan antara kedua metode desain. Sama dengan tulangan kolom, tulangan untuk dinding geser juga tidak ada perbedaan untuk tulangan memanjang untuk kedua metode. Perbedaan untuk tulangan transversal dinding geser rata-rata 12.8% lebih kecil untuk DDBD daripada *Strength Based Design*.

Kata Kunci : Defleksi, Direct Displacement Based Design Method, Strength Based Design, Effisien.

APPLICATION OF DIRECT DISPLACEMENT BASED DESIGN FOR DUAL SYSTEM BUILDING

STUDENT'S NAME : Firnalia Perdana P.
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ABSTRACT

Through the development of time, buildings are required to be built upwards due to land restrictions and the ever growing human population. With more and more building becoming taller and higher than ever before, there are a few weaknesses with current building codes to comply with these changes. The buildings which follow the current building codes are seen to be too conservative and better designs could be achieved if there was a new method of design.

Therefore a new method of design which is different from the method current building codes use needed to be developed. Direct Displacement Based Design (DDBD) is a design method which shows more promise basing its results on deflection. And since most damage on buildings is due to this deflection, buildings created using Direct Displacement Based Design are said to be more efficient.

Ergo, this newly developed method of design was applied in this study to find out if the method creates a much more efficient building. The object of this study is an apartment building with shear wall and comprises of 27 floors. Reinforcement of the primary elements was calculated, as well as the placement of plastic hinges due to the newly calculated base shear value.

Based on the output of this study, the value of base shear for Direct Displacement Based Design is lower than that of Force Based design, where the Base Shear of design using Direct Displacement based design is 3825840 kg, whilst the result for Strength based design is 4731599.688 kg.

Due to this lower base shear value, the reinforcement needed for beams and columns are also lower in number. It is seen that DDBD reinforcement averages 12% less than that of Force Based design on the longitudinal reinforcements and 7% on transversal. The difference in Column reinforcement however is miniscule to the point where there are no differences between the two methods of design. Very much like the column, there is no difference in longitudinal shearwall reinforcement for both design methods. The difference between the transversal reinforcement however averages 12.8% less for DDBD compared to that of the Strength Based Design.

Key Words : ***Deflection , Direct Displacement Based Method ,Force Based Design, Efficient***

ACKNOWLEDGEMENTS

I wish to express my sincere thanks to everyone who has helped me in these past four years of my studies because without their motivation and support, I would never be able to get through it all. Therefore, I would like to thank with the highest regards to the following people:

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7. My family for putting up with my late nights, and thank you for all the rest of the things that needn't be said.

I understand that there are still a lot missing from this final project, therefore any critique and advice is always welcomed. Hopefully this final project is useful.

Surabaya, June 2015

Writer

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CHAPTER 1
BACKGROUD

1.1 INTRODUCTION

Population of the world continues to soar bringing with it problems relating to the ever increasing number of people needing shelter and homes. With the restriction of land in this planet, more and more cities are forced to build upwards to accommodate the increasing number of residents. Many cities around the world have chosen the solution of building upwards, including cities in Indonesia. These taller structures although helpful in tackling the new urban accommodation problems, have problems of its own. When deigning these tall structures there are a few critical aspects that immediately need to be dealt with. The most imminent is its exposure to earthquakes and the damage it creates.

Studies regarding the impact of earthquakes on structures have long been carries out (Priestley et al., 2007). Many developments of structural designs have also been made as a result of it. After looking at seismic data of the biggest earthquakes recorded in history, officials began to create design codes to anticipate such strong seismic activity. Many of these codes are based on force and are called “Force Based Design”.

Although “Force Based Design” has been proven to be sufficient on handling seismic loads, there is however another method of structural design which proves to give results which are rational and efficient in design which is called “Performance Based Design”, which was then further developed to be called “Direct Displacement Based Design” (Priestley, 1993).

Although it may be okay to still be using the conventional “Force Based Design” and following the current building codes (SNI), there may be however, a little flaw with applying this method for some structures. Take the city of

Surabaya for example. The city of Surabaya is stated to be in the low earthquake zone, yet because of the type of soils that's underneath, the structures, according to SNI 1726 – 2012, becomes a type D structure. Type D structures must be fully ductile. Designing a building to be fully ductile could be costly, but when it is designed using "Direct Displacement Based Design", this fully ductile aspect can be sidelined and yet still create a safe structure which fulfills the design criteria for plastic rotation (A.K. Chopra and R.K. Goel., 2001).

Unlike "Force Based Design", "Direct Displacement Based Design" focuses on the displacement limit state. Many instances of seismic events show that structural damage occurs due to the strain of the members which is related to displacement (M. D'Aniello, 2007). By using "Force Based Design", the design of the structure becomes "over designed" when it comes to handling the deflections created by earthquakes, whilst using "Direct Displacement Based Design", the deflection of the structure becomes the input of the design process from the beginning (Priestley, 2007).

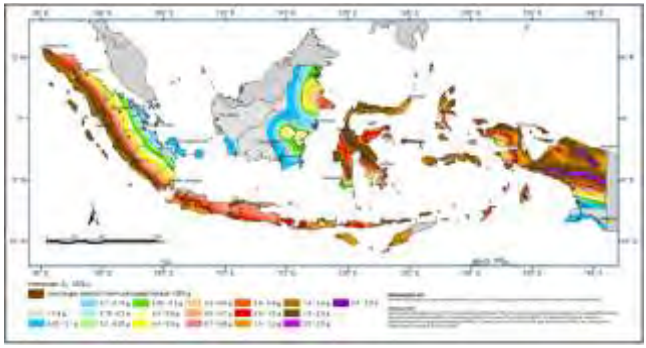

Figure 1.1 Indonesia Earthquake Zone Map
Source : SNI 1726 – 2012

With that, this study is carried out to see the difference in design and copmaring the design of the Force Based with

Direct Displacement Based design, and thus will be drawing a final conclusion based on the efficiency of both designs.

1.2 PROBLEM IDENTIFICATION

Main Problem – The problem which will be looked at for this topic is the design of the current structures compared with design using Direct Displacement Based design.

Detail of Problem –

- What is the value of base shear using Direct Displacement Based design compared to using Strength Based design?
- How much reinforcement is needed in beams, columns and shearwall when designed using Direct Displacement Based design?
- How much reinforcement is needed in beams, columns and shearwall when designed using Direct Force Based design?

1.3 OBJECTIVE OF STUDY

The main aim of this study is to compare the results between the two different methods of design by finding out:

- The value of base shear using Direct Displacement Based design.
- The amount of reinforcement needed in beams, columns and shearwall designed using Direct Displacement Based design.
- The amount of reinforcement needed in beams, columns and shearwall designed using Direct Force Based Design.

1.4 SCOPE OF STUDY

- Not calculating the foundation of the structure
- Not drawing the full structure design created using Direct Displacement Based design and Force Based Design

- Only comparing elements of the primary structure

1.5 ADVANTAGE

There are a few advantages of carrying out this comparison:

1. Gives an alternative method of design to create more efficient structures
2. Preparing for the future development of this method of design

CHAPTER 2
LITERATURE REVIEW

1.1 THE SPARK OF PERFORMANCE BASED DESIGN

Since the year 1984 the issue of seismic damage to existing buildings has been recognised, so began the movement of creating guidelines to try and rehabilitate the old established buildings to fit the current building codes and regulations (FEMA 273). In August 1991, the National Institute of Building Sciences (NIBS) created an agreement with FEMA for a seven-year program to create guidelines for seismic rehabilitation of existing buildings. Due to the agreement, the Building Seismic Safety Council (BSSC) became the program managers, whilst the American Society of Civil Engineers (ASCE) and the Applied Technology Council (ATC) acts as subcontractors (FEMA 273). The actions taken by FEMA in creating these criteria guidelines of construction, partnered with ASCE and ATC, were pushed by the urgent need for new design approach due to the demand following a series of earthquakes in California (Hamburger and Hooper, 2011).

Structural rehabilitation analysis is constantly performed to see if certain existing structure is in need of renovation. Structural damage caused by seismic activity has become a main concern for many governing bodies (Washington State Department of Transportation analysis report, 2007 and Department of Transportation Research Division research report, 2009). The structural rehabilitation analysis brings back results which show the current “performance” of a structure.

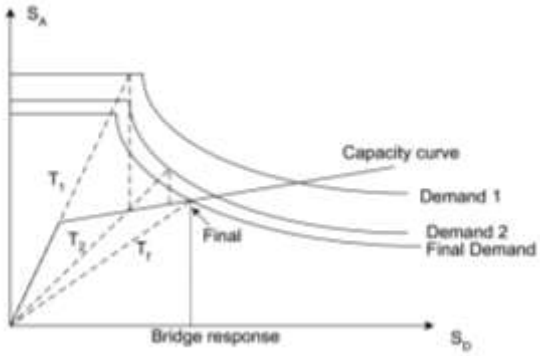

Figure 2.1 Example of result for Structural Performance
Source : Utah Department of Transportation Research Division research report 2009

By looking at figure 2.1, it can be seen that the "performance" of the structure (labeled as "final" on the image), is where the capacity curve crosses with its demand curve. The values of this "performance" become the limit of a structure.

A building's performance level is obtained by combining structural and non structural performance levels. Stated in FEMA 273's guidelines, there are classification of building performance levels and range, they are:

- S-1 : Immediate Occupancy Performance Level
- S-2 : Damage Control Performance Range
- S-3 : Life Safety Performance Level
- S-4 : Limited Safety Performance Range
- S-5 : Collapse Prevention Performance Level

Where S-1 is the higher performance with less loss, and S-5 as the lower performance and more loss.

Analysis of the structure is to determine the distribution of forces and deformations of the structure. There are four analytical procedure which can then be

used to obtain performance levels : Linear static, Linear Dynamic, Nonlinear Static, and Nonlinear Dynamic.

2.2 ELEMENT PERFORMANCE MODELLING

Figure 2.2 shows the three types of curves which is the result of the analytical procedure of component behavior which may be modeled in structures. Type 1 curve shows a typical ductile behavior. Point 0 to 1 shows the elastic range, followed by a plastic range (points 1 to 3) that may include strain hardening or softening (points 1 to 2), and ending with a strength-degraded range (points 2 to 3) where the residual force that can be resisted is less than the peak strength (point 2), but is still substantial. Acceptance criteria of this type of behavior for primary elements lie in between the elastic or plastic ranges (points 1 and 2); whilst for secondary elements can be between any of the ranges.

Type 2 curve shows another representative of semi-ductile behavior, though unlike type 1, there is a rapid and complete loss of strength after point 2. Acceptance criteria of this type of behavior for both primary and secondary element lie in the elastic or plastic ranges (points 1 to 2).

Type 3 curve represents a brittle or non ductile behavior. It is characterized with an elastic range (points 0 to 1) followed by a rapid and complete loss of strength. Acceptance criteria of this type of behavior for primary and secondary components are within the elastic range (points 0 to 1).

The three curves above shows types of behavior that may happen to components of structures, where behavior of type 1 curve is more desirable than the other two due to the fact that there is residual force, whilst the other two shows a rapid loss of strength.

From the results of analysis, a conclusion can be drawn about what the current state of a structure is and how to follow through if it needs rehabilitation. With FEMA's

guidelines, ASCE decided to create their own design code. ASCE 41-06 is a design code specializes in rehabilitation procedures, but many engineers believe that ASCE 41-06 gives design results that are too conservative, and therefore not economic enough compared to using other design approaches (Naeim et al, 2012).

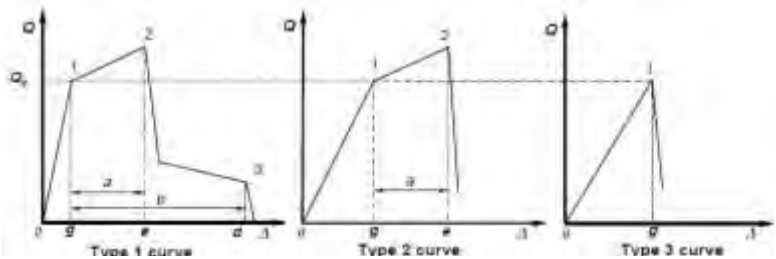

Figure 2.2 General Component Behaviour Curves (Nonlinear Static and Nonlinear Dynamic analysis)
Source : FEMA 273

From the results of analysis, a conclusion can be drawn about what the current state of a structure is and how to follow through if it needs rehabilitation. With FEMA's guidelines, ASCE decided to create their own design code. ASCE 41-06 is a design code specializes in rehabilitation procedures, but many engineers believe that ASCE 41-06 gives design results that are too conservative, and therefore not economic enough compared to using other design approaches (Naeim et al, 2012).

Performance Based Design became a design approach claimed to be better and thus research into using "performance" output as the input of structural designs began (Hamburger and Hooper, 2011). With that, officials started to try incorporate Performance-based design into the current building codes to satisfy the necessary requirements for new and old structures (Greenwood, 2007).

2.3 DEVELOPMENT OVER TIME

There have been many researches and development on the Performance based method. The first has to be from Gulkan and Sozen, 1974 who introduced a deformation based procedure for reinforced concrete frames which is assumed as a Single Degree of Freedom structure. Sozen then partnered with Shibata in 1977 to improve on his previous work, developing it into a Multi Degree of Freedom structure (Harris, 2006).

The most recent of Performance Based Design developments are with the works of Priestley, Kowalsky, Park and Pauley.

Priestley was the first to develop the concept of Direct Displacement Based design in 1993 where the initial stiffness, strength and period are the end product of the design (Harris, 2006). He then went on to expand his concept to applying it for multi storey concrete building frames (Priestley and Kowalsky, 2000). In between then and now, there were a few other developments of the method and its purpose.

The Direct Displacement Based Design (DDBD) procedure was first developed by Kowalsky et al in 1994 and 1995 for an SDOF concrete bridge pier and was followed by multi-span concrete bridges developed by multiple researchers including Priestley, Kingsley and Calvi. It was only after that when the development of DDBD is applied to concrete building frames (Harris, 2006).

2.4 DIRECT DISPLACEMENT BASED DESIGN

First proposed by Priestley in 1993, Direct Displacement based design is the current accepted performance based method for seismic design. In his paper, where he identified problems with current design and how it conflicts with reality, Priestley strongly recommended to basing design

criteria on displacement rather than on acceleration spectra (Priestley, 1993).

Since then DDBD has been implemented on multiple material and structural types, for example the application of DDBD on Reinforced Concrete structural system (Malekpour & Dashti, 2013), DDBD on Multistory Woodframe Structures (Pang & Rosowsky, 2010), and also Low Rise Steel Frames (Harris, 2006).

A study carried out by Malekpour and Dashti (2013) was to investigate the direct displacement based design (DDBD) approach for different types of reinforced concrete structural systems including single moment resisting, dual wall frame and dual steel braced systems. They concluded that the method can be regarded as an appropriate alternative to current Force Based Seismic Design of structures, stating that using DDBD the maximum inter-story drift was satisfactory and that the methodology is able to be used to design structures with a more controlled residual behavior.

Pang & Rosowosky (2010) started a project on the use of DDBD for Multistory Woodframe Structures after looking at the number of woodframe structures built in the United States and the value of property losses created from earthquake damage. Once again the inter-story drift is praised stating that the inter-story drift is the most relevant design parameter to be used in woodframe due to the fact that drift has been found to be the key to predicting damage in wood structures. Information about the inter-story drift distribution is revealed during the DDBD process allowing the designer to optimize the structure for a target drift.

The basic design process of Direct Displacement Based Design is as follows. Referring to Figure 2.2 which shows the procedure of DDBD, we are first presented by a single degree of freedom (SDOF) structure model where the original structure will be substituted to an equivalent SDOF system. This SDOF equivalent system is represented by

equivalent viscous damping, effective mass (m_e) and height (Figure 2.2a) and also secant stiffness (K_e) at maximum displacement Δ_d (Figure 2.2b).

The ductility of the design is assumed and chosen by the designer based on the ultimate design displacement and yield displacement of the real structure, and by using the ductility-damping diagram, a design damping is selected (Figure 2.2c). The design period is then obtained using the diagram on Figure 2.2d with the value of previously planned displacement and the specified equivalent viscous damping (Priestley 2007).

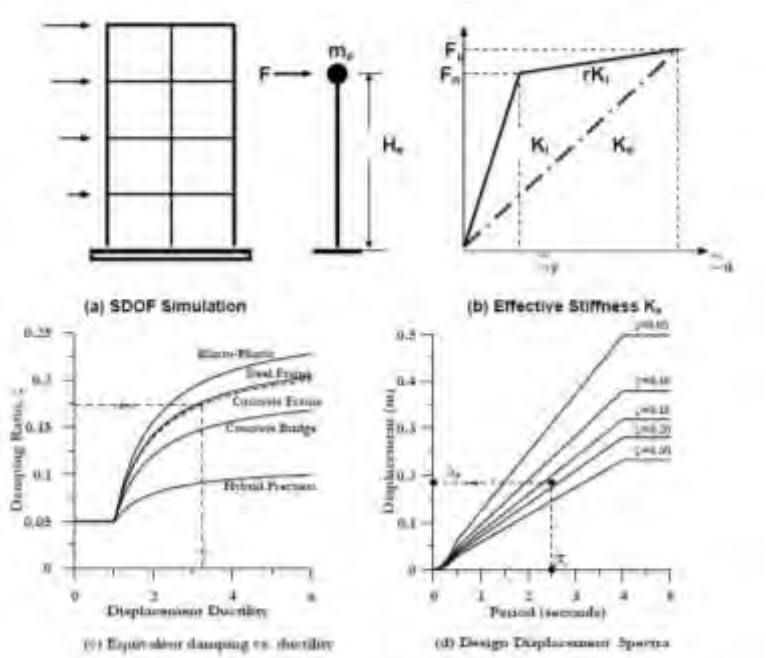

Figure 2.3 SDOF Representation of DDBD
Source : Calvi, Priestley & Kowalsky, 2008

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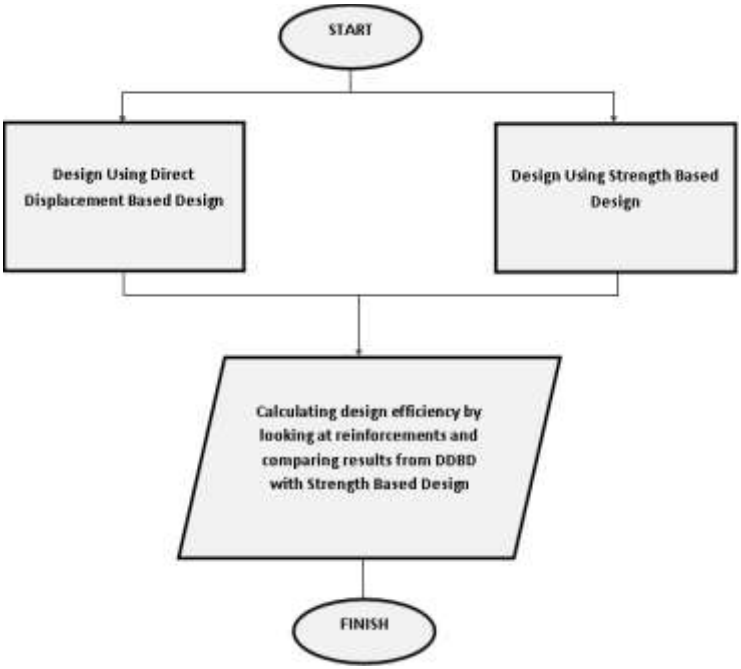
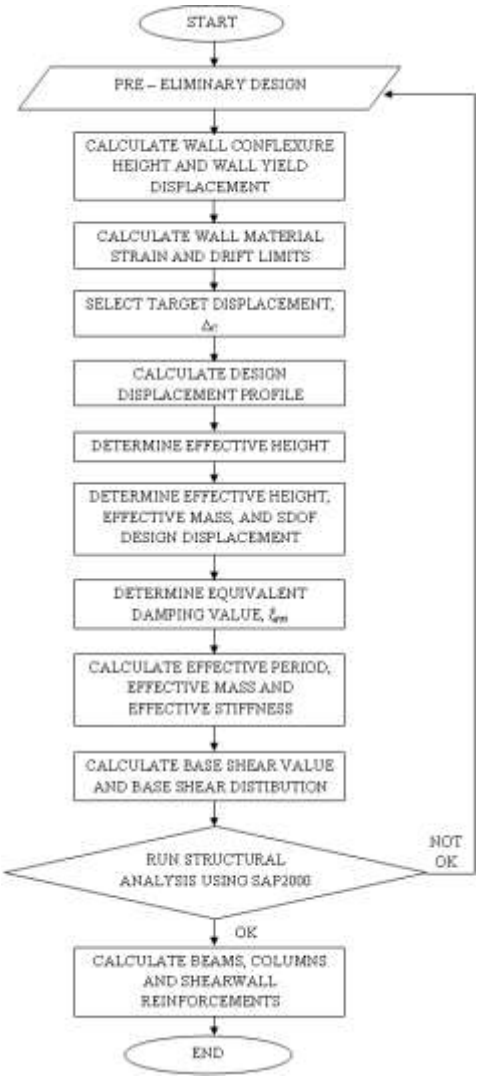
CHAPTER 3
METHODOLOGY

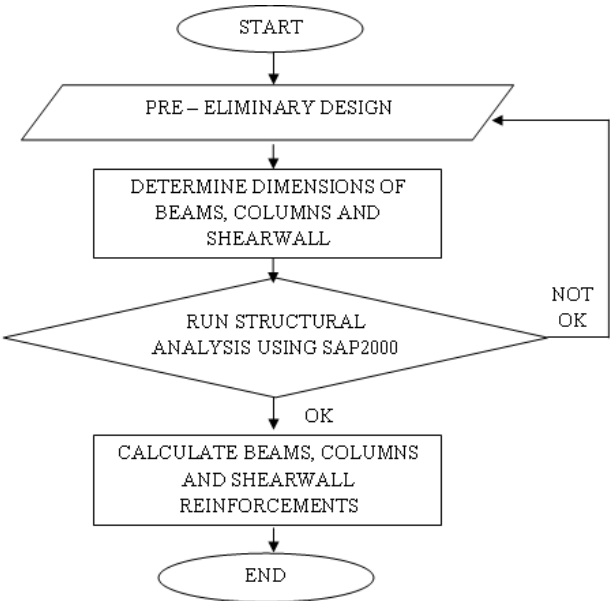
3.1 FLOWCHART OF METHOD COMPARISON



3.2 FLOWCHART OF DIRECT DISPLACEMENT BASED DESIGN



3.3 FLOWCHART OF STRENGTH BASED DESIGN METHOD



3.4 COMPARISON FLOWCHART BREAKDOWN

1. Obtain sectional dimension and the number of reinforcement needed using Direct Displacement Based Design method.
2. Obtain sectional dimensions and the number of reinforcement needed using Strength Based Design method.
3. Calculating the level of efficiency of using Performance Based Design method and comparing to using Strength Based Design method.

3.5 DISPLACEMENT BASED DESIGN FLOWCHART BREAKDOWN

1. Pre-eliminary Design
   Dimensions of beams, columns, and plates are according to the Strength Based Design dimension.
2. Calculate Wall Conflexure Height and Wall Yield Displacement
   Wall Conflexure Height:
   $$M_{w,I} = M_{i+1} + V_{i+1} (H_{i+1} - H_i) \quad (1)$$
   Wall Yield Displacement:
   $$\text{For } H_i < M_{w,I}\ ,\ \Delta_{yi} = \varphi_y \left(\quad \right) \quad (2a)$$
   $$\text{For } H_i > M_{w,I},\ \Delta_{yi} = \varphi_y \left(\quad \right) \quad (2b)$$
3. Determine the target displacement of structure, Δ_c
4. Calculating design displacement profile
5. Calculating Effective mass, Effective height, and ductility of structure
   i. Ductility of structure:
   $$\quad (3)$$
   ii. Effective mass
   $$\quad (4)$$
   iii. Effective height
   $$\quad (5)$$
6. Determine Equivalent System Damping
   $$\xi_{sys} = \quad (6)$$
7. Plot Displacement Spectra at damping level and obtain effective period (T_{eff})
   Spectral reduction factor for specific value of damping is;
   $$R_{\xi sys} = \quad (7)$$

This makes effective period become;

$$T_{eff} = 5x0.476/ R_{\xi sys} \quad (8)$$

8. Determine Effective Stiffness and design Base Shear

   Effective Stiffness ;

   $$K_{eff} = 4\pi^2 \text{—} \quad (9)$$

   Base Shear;

   $$V_b = K_e\Delta \quad (10)$$

   Distribution of Base Shear along the Height

   $$\text{————} V_b \quad (11)$$

9. Run SAP2000 Analysis with new Base Shear Value

   The value of base shear obtained using Direct Displacement Based Design is compared to the value obtained using the Force Based Design.

   Modify scale factor of response spectrum accordingly.

10. Calculate Reinforcement of Beams and Columns

    To make sure that the structure still complies with current building codes and standards, the calculation of reinforcement follows the same procedure as the Force Based Design which is stated in 3.6.3

3.6 STRENGTH BASED DESIGN FLOWCHART BREAKDOWN

1. Pre – Eliminary Design

   Determine Dimensions of beams, columns and shearwall

2. Run SAP2000 analysis

   Check if beams and columns dimensions qualified

   Loading and Loading Combination

   a. Dead Load

      Dead load is the total load of the entire construction with the load of each building material in reference to PPIUG 1983 and PBI 1971

   b. Live Load

Live Load is the superimposed load on structural components by the use and occupancy of the building such as rain load, human, and other items which has been appointed in Chapter 3 of PPIUG 1983.

c. Earthquake Load

Earthquake load which is designed by Performance Based Design based on a building's stiffness and deflection of structure.

d. Loading Combination

All load which occurs is multiplied by each of its own load factors after then a load combination is carried out which refers to SNI 1726-2012 ps. 4.2.2, so that the structure and the component fulfills the safety and feasibility requirement. The use of combination in calculation is based by SNI 1726-2012 ps. 11.2

- U = 1,4 D (12a)
- U = 1,2 D + 1,6 L + 0,5 (A or R)
- U = 1,2 D + 1 L ± 1,0 (12c)
- U = 0,9 D ± 1,0 E (12d)

Where :

A = Roof Load
R = Rain Load
U = Ultimate Load
D = Dead Load
L = Live Load
E = Earthquake Load

3. Calculate Reinforcement of Primary beams and columns

a. Beam

Reinforcement of beams is divided into two which are longitudinal and transversal reinforcement. Longitudinal Reinforcement is calculated using a few conditions and requirements which are stated in SNI 2847-2013. Probable moment may occur for transversal reinforcement which is caused by earthquake from left and right direction. Transversal reinforcement is also divided into two; transversal reinforcement in the plastic hinge area and those out of the plastic hinge area. It is also stated in SNI 2847-2013

Formula used in beam longitudinal reinforcement calculation:

- $R_n = \left(\frac{Mn}{b.d^2} \right)$ (13a)
- $\rho_p = \frac{1}{m}\left(1 - \sqrt{1 - \frac{2m \times Rn}{Fy}}\right)$ (13b)
- $m = \frac{fy}{0{,}8 x f'c}$ (13c)
- $\rho_p > \rho_{min}$ (13d)
- $As_p = \rho \cdot b \cdot d$ (13e)

Where :

b = Width of beam per meter
d = Height of beam
ρ = Reinforcement ratio
A_s = Required reinforcement area
f_y = Steel grade (MPa)

f'_c = Concrete grade (MPa)

b. Column

Reinforcement of columns is divided into two which are Longitudinal and Transversal Reinforcements.
Longitudinal Reinforcement is calculated using a few conditions and requirements which are stated in SNI 2847-2013.
Transversal reinforcement is also divided into two; transversal reinforcement in the plastic hinge area and those out of the plastic hinge area. It is also stated in SNI 2847-2013.

3.7 OBJECT DESCRIPTION

Name of building: Apartment Taman Melati Mulyorejo
Location of Building: City of Surabaya, Indonesia
Height of building: 86.8 m
Number of floors: 27 floors

CHAPTER 4
DIRECT DISPLACEMENT BASED DESIGN

4.1 PRE-ELIMINARY DESIGN

Pre-eliminary design data of structure is as follows:

- Function : Apartment
  - Structure Type : Dual System
  - R : 8
- Dimensions : Beams = 40/60 cm
  Column = Varies per floor
  Floor slab thickness = 13 cm
  Shearwall thickness = 30 cm
- Material Characteristics :
  - Concrete (f'c)
    Beams = 25 MPa
    Floor Slabs = 25 Mpa
    Columns = 50 Mpa
    Shearwall = 50 Mpa
  - Steel (fy)
    Longitudinal = 390 Mpa
    Shear = 390 Mpa
- Earthquake Area : Indonesia Earthquake zone 3
- Structure Height : 86.8 m

Table 4.1 Column Dimensions

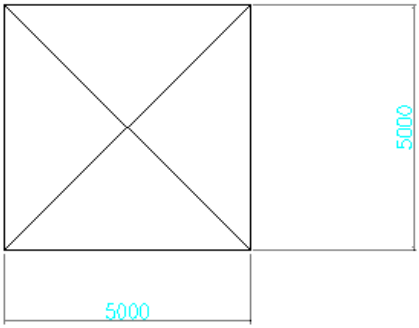
DATA COLUMNS	1st - 5th Floor		6th - 10th Floor		11th - 15th Floor		15th - 20th Floor		20th - 28th Floor	
NAME	DIMENSION		DIMENSION		DIMENSION		DIMENSION		DIMENSION	
	W	L	W	L	W	L	W	L	W	L
k1	800	800	900	900	900	900	700	700	500	500
k2	800	800	900	900	500	900	700	700	500	500
k3	1000	1000	1000	1000	800	800	700	700	500	500
k4	1000	1000	1000	1000	800	800	700	700	500	500
k5	900	900	900	900	700	700	700	700	500	500
k6	900	900	900	900	700	700	700	700	500	500
k7	1000	1000	1000	1000	800	800	700	700	500	500
k8	1000	1000	1000	1000	800	800	700	700	500	500
k9	1000	1000	1000	1000	800	800	700	700	500	500
k11	500	500	500	500	500	500	500	500	500	500

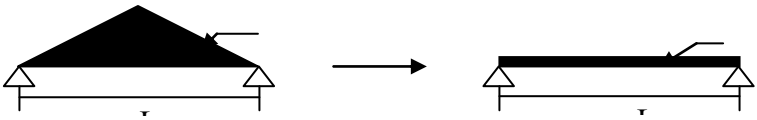
4.2 DEAD LOAD AND LIVE LOAD

Based upon the loading codes of Indonesia, "Peraturan Pembebanan Indonesia Untuk Gedung" (PPIUG 1983), the loads are stated as shown below:

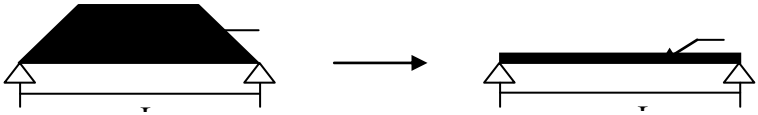
- Dead Load = $\gamma_{\text{reinforced concrete}}$ = 2400 kg/ m^3
  Plafond = 18 kg/m^2
  Tile, cement = 45 kg/m^2
- Live Load = Roof Load = 100 kg/m^2
  Floor = 250 kg/m^2

Assumption of floor slab is as follows:





q_{eq} = 1/3 X q X L



$q_{eq} = ½ \times q_a \times Lx\,(1 - ⅓ \cdot Lx^2/Ly^2)$

Figure 4.1 Assumption of Floor Slabs

4.3 DIRECT DISPLACEMENT BASED DESIGN METHOD

4.3.1Design Choices

Based on the design choice of dual system which states that a dual system structure is a structure which consists of *frame* and *shear wall* with the assumption that lateral loads are distributed to the *shear wall* and *frame*. Minimum 25% of base shear is distributed to the frame, therefore $\beta_F = 0.25$.

4.3.2 Wall Conflexure Height

To calculate the wall conflexure height, it is stated in Chapter 3 eq. (1) that;

$M_{w,I} = M_{i+1} + V_{i+1} (H_{i+1} – H_i)$

Whilst, M_i is given as $M_{OTM,I}$ rel. which is similar to the formula for the $M_{w,I}$ given above.

V_{Ti} used for calculating $M_{OTM,I}$ is the total shear force, where the shear force $(F_i) = m_iH_i/\sum m_iH_i$

By looking at table 4.2, the wall conflexure point is between levels 25 and 26. Interpolating linearly,

$H_{CF} = 77.5 + 3.1 \times 0.344/0.577 = 79.25$ m

4.3.3 Wall Yield Displacement

The expected yield strength of the reinforcing steel is $f_{ye} = 1.1f_y = 429$ MPa. Hence $\varepsilon_y = 0.00204$.

The yield curvature for the wall is estimated as $\varphi_y = 1.5\ \varepsilon_y / l_w = 1.5 \times 0.00224 / 4.2 = 0.0007286$ / m

The vertical profile of yield depends on the conflexure height which was previously calculated. Going by eq. (2a and 2b) the vertical profile of yield is;

For $H_i < 79.25$m , $\Delta_{yi} = \varphi_y$ (— ——)

For $H_i > 79.25$m , $\Delta_{yi} = \varphi_y$ (—— —)

The results of vertical yield can be seen on table 4.3.

Table 4.2 Wall Conflexure Height

1	2	3	4	5	6	7	8	9	10
Level	Height hi (m)	Mass mi (kg)	mihi	Fi (rel.)	Vi (rel.)	Mcom,i (rel.)	Vf,i frame	Vw,i wall	Mw,i wall
28	86.8	1235990.366	107296964.6	0.053576614	0.053576614	0	0.25	-0.19642	0
27	83.7	1616126.089	135269755.6	0.067861354	0.121177968	0.166087980	0.25	-0.12862	-0.60891
26	80.6	1616126.089	130259762.8	0.06509570	0.186275080	0.541739264	0.25	-0.06372	-0.23326
25	77.5	1616126.089	125249731.9	0.062593846	0.248869414	1.119255464	0.25	-0.00113	0.344193
24	74.4	1616126.089	120239702	0.060090092	0.308959506	1.890088846	0.25	0.05890	1.115889
23	71.3	1616126.089	115229790.1	0.057586338	0.366545844	2.848465315	0.25	0.116546	2.073469
22	68.2	1616126.089	110219779.3	0.055082585	0.421628429	3.984775233	0.25	0.171628	3.209755
21	65.1	1616126.089	105209808.4	0.052578831	0.47420726	5.291868368	0.25	0.224207	4.516803
20	62	1616126.089	100199817.5	0.050075077	0.524282337	6.761845868	0.25	0.274282	5.986846
19	58.9	1616126.089	95189826.68	0.047571323	0.57185366	8.387121211	0.25	0.321854	7.612121
18	55.8	1616126.089	90179835.76	0.045067569	0.616921229	10.15986746	0.25	0.366921	9.384867
17	52.7	1616126.089	85169844.88	0.042563815	0.659485044	12.07232327	0.25	0.409485	11.29732
16	49.6	1616126.089	80159854	0.040060061	0.699545106	14.1167268	0.25	0.449545	13.34173
15	46.5	1616266.863	75156409.14	0.037559579	0.737104685	16.28531676	0.25	0.487105	15.51032
14	43.4	1616266.863	70145981.86	0.035055807	0.772160292	18.57034125	0.25	0.52216	17.79534
13	40.3	1616266.863	65135554.59	0.032551635	0.804711927	20.96404016	0.25	0.554712	20.18904
12	37.2	1616266.863	60125127.31	0.030047865	0.83475979	23.45864313	0.25	0.58476	22.68364
11	34.1	1616266.863	55114700.04	0.027543891	0.862303281	26.04639980	0.25	0.612303	25.2714
10	31	1616126.089	50099908.75	0.025037558	0.88734084	28.71354083	0.25	0.637341	27.93854
9	27.9	1616126.089	45089917.88	0.022533785	0.909874884	31.47079887	0.25	0.659875	30.6958
8	24.8	1616126.089	40079927	0.020030031	0.929904635	34.29090785	0.25	0.679905	33.51591
7	21.7	1616126.089	35069936.13	0.017526277	0.947430912	37.17361227	0.25	0.697431	36.39861
6	18.6	1616126.089	30059945.25	0.015022523	0.962453435	40.11064804	0.25	0.712453	39.33565
5	15.5	1616088.188	25049366.91	0.012518476	0.974971911	43.09425389	0.25	0.724972	42.31925
4	12.4	1616088.188	20039493.53	0.010014781	0.984986691	46.11666682	0.25	0.734987	45.34167
3	9.3	1616088.188	15029620.15	0.007511085	0.992497777	49.17012536	0.25	0.742498	48.39513
2	6.2	1616088.188	10019746.77	0.00500739	0.997505167	52.24682847	0.25	0.747505	51.47183
1	3.1	1616167.876	5010120.411	0.002494833	1	55.33912449	0.25	0.75	54.56412
0	0	0	0	0	1	58.43912449	0.25	0.75	57.66412
SUM		44903294.82	2000931786	1					

Table 4.3 Vertical Profile of Yield

1	2	3	4
Level	Height Hi (m)	Mass mi (kg)	Δyi (m)
28	86.8	1235096.366	1.748
27	83.7	1616126.089	1.658
26	80.6	1616126.089	1.568
25	77.5	1616126.089	1.479
24	74.4	1616126.089	1.389
23	71.3	1616126.089	1.299
22	68.2	1616126.089	1.211
21	65.1	1616126.089	1.124
20	62	1616126.089	1.038
19	58.9	1616126.089	0.953
18	55.8	1616126.089	0.87
17	52.7	1616126.089	0.789
16	49.6	1616126.089	0.711
15	46.5	1616266.863	0.635
14	43.4	1616266.863	0.562
13	40.3	1616266.863	0.492
12	37.2	1616266.863	0.426
11	34.1	1616266.863	0.364
10	31	1616126.089	0.305
9	27.9	1616126.089	0.251
8	24.8	1616126.089	0.201
7	21.7	1616126.089	0.156
6	18.6	1616126.089	0.116
5	15.5	1616088.188	0.082
4	12.4	1616088.188	0.053
3	9.3	1616088.188	0.03
2	6.2	1616088.188	0.014
1	3.1	1610367.874	0.004
0	0	0	0
SUM		44865294.82	

4.3.4 Design Displacement Profile

Wall Material Strains

The assumption of $\varepsilon_{SU} = 0.1$ is based on the fact that there is no information of the strain iat the maximum stress for the wall reinforcing steel.

$$\Phi_{dc} = 0.9 \times 0.072 / lw = 0.0648/4.2 = 0.015$$

Plastic hinge length is calculated though the equation;

$L_p = kH_{CF} + 0.1l_w + L_{SP}$

Where:

$K = 0.2(fu/fy-1) = 0.07$

$L_{SP} = 0.022\, f_{ye}\, d_{bi} = 179.32$ mm

$L_p = 0.2(1.35-1) * 79.25 + 0.1*4.2 + 0.179 = 6.147$m

Check if drift limit at H_{CF} is exceeded.

$\Theta_{CF} = \varphi_y H_{CF}/2 + (\varphi_{dc} - \varphi_y)L_p$

$\theta_{CF} = 0.000728 \times 39.625 + (0.015 - 0.000728)\, 6.147$

$\theta_{CF} = 0.117$

This exceeds the drift limit; hence code drift limits govern the wall design.

Drift Limits

Since the building is tall, a drift amplification should be considered. Base turning moment carried by the frame is;

$M_{OTM,F}$ = OTM – wall moment

= 58.44 – 57.66

= 0.78

Ω = —— ———

= ——

= 0.942

The design drift limit is then reduced to 0.942 x 0.02 making $\varphi_C = 0.0188$.

The design profile is then given as;

$\Delta_{Di} = \Delta_{yi+}(\varphi_C - \varphi_y H_{CF}/2)\, H_i$

$= \Delta_{yi} + 0.01 H_i$

From those equations, we are then able to identify the Design displacement (Δ_D) and Height effective (H_e).

4.3.5 Design SDOF Displacement and Effective Height

Based on table 4.4, the values of Design displacement (Δ_D) and Height effective (H_e) can be calculated.

By using eq. 3 and 5, Δ_D and H_e is obtained.

$\Delta_D =$ 1.689 m

$H_e =$ 61. 85 m

4.3.6 Equivalent Damping

To find the equivalent damping of the structure, the displacement ductility demands of walls and frames must be evaluated.

(a) Walls : $\Delta_{iy} = \varphi_y$ (——— ——)

= 0.000728 (——————— ———)

= 1.022 m

$\mu_W = \Delta_D / \Delta i_{yW}$

=1.689 / 1.022

= 1.653

ξ_W = 0.05 + 0.444 ——

= 0.05 + 0.444 ———

= 0.225

(b) Frames : According to eq. 6, the yield drift for reinforced concrete frames is ———

θ_{yframe} = ———

= 0.00236

$\mu_{Frame} = \Delta_D / \Delta_{yframe}$

$= 1.689/\theta_{yframe}(0.6H_n)$

$$= 1.689 / 0.120$$
$$= 1.569$$
$$\xi_{frame} = 0.05 + 0.565 \frac{\mu - 1}{\mu\pi}$$
$$= 0.255$$

So by inserting the OTM values into eq. (6), the value of system damping is obtained.

$$\xi_{sys} = \frac{\xi_W M_{OTM,W} + \xi_{frame} M_{OTM,F}}{M_{OTM}}$$
$$= \frac{0.225 \; x \; 57.66 + 0.255 \; x \; 0.78}{58.44}$$
$$= 0.2254$$

4.3.7 Base Shear Force

The spectral displacement reduction factor for damping referring back to eq.(7) ;

$$R_{0.225} = \left(\frac{0.07}{0.02 + 0.225}\right)^{0.5} = 0.535$$

(a) Effective Period:

Looking at figure 4.2, the spectral displacement for a 5% damping is 1.087 m. Thus at 5 sec, the corner displacement for 22.54% damping is 1.087 x 0.535 = 0.582 m.

The effective period is in proportion, meaning

T_{eff} = 5x0.476/0.582 = 4.089

(b) Effective Mass:

As was stated in eq. 4, effective mass of the structure is;

m_e = 30140419.5 kg

(c) Effective Stiffness:

Stated in chapter 3 eq. (9), effective stiffness is

$$K_{eff} = 4\pi^2 \frac{m_e}{T_e^2}$$

Thefore, $K_{eff} = 4\pi \frac{30140419.5}{4.089^2}$ = 22652958.82 kg

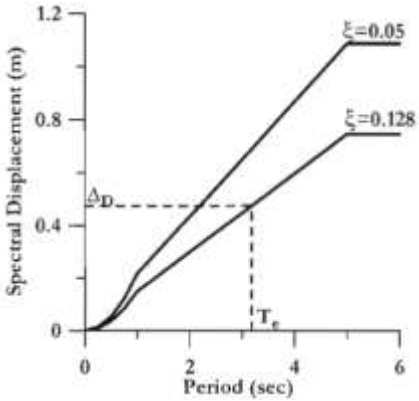


Figure 4.2 Spectral Displacement Vs Period

(d) Base Shear Distribution:

As was mentioned earlier in chapter 3 eq. (10), the value of base shear is the product of effective stiffness (K_{eff}) and the design displacement (Δ_d).

Hence; VB = 3825840 kg

This is 19.14% less than Base Shear from Force Based design method. The results of base shear distribution is shown on table 4.5.

Table 4.4 Design Displacement and Effective Height

Level	Height Hi (m)	Mass mi (kg)	Δyi (m)	ΔDi (m)	miΔ^2Di	miΔDi	miΔDiHi
28	86.8	1235096.366	1.748	2.616	8452327.636	3231012.093	280451849.7
27	83.7	1616126.089	1.658	2.495	10060425.31	4032234.592	337498035.3
26	80.6	1616126.089	1.568	2.374	9108286.237	3836683.335	309236676.8
25	77.5	1616126.089	1.479	2.254	8210754.452	3642748.204	282312985.8
24	74.4	1616126.089	1.389	2.133	7352871.089	3447196.947	256471452.9
23	71.3	1616126.089	1.299	2.012	6542311.13	3251645.691	231842337.7
22	68.2	1616126.089	1.211	1.893	5791305.417	3059326.686	208646080
21	65.1	1616126.089	1.124	1.775	5091807.259	2868623.808	186747409.9
20	62	1616126.089	1.038	1.658	4442672.438	2679537.055	166131297.4
19	58.9	1616126.089	0.953	1.542	3842766.433	2492066.429	146782712.7
18	55.8	1616126.089	0.87	1.428	3295578.462	2307828.055	128776805.5
17	52.7	1616126.089	0.789	1.316	2798897.664	2126821.933	112083515.9
16	49.6	1616126.089	0.711	1.207	2354451.676	1950664.189	96752943.78
15	46.5	1616266.863	0.635	1.1	1955682.904	1777893.55	82672050.05
14	43.4	1616266.863	0.562	0.996	1603362.589	1609801.796	69865397.94
13	40.3	1616266.863	0.492	0.895	1294670.164	1446558.843	58296321.36
12	37.2	1616266.863	0.426	0.798	1029245.204	1289780.957	47979851.59
11	34.1	1616266.863	0.364	0.705	803325.0377	1139468.139	38855863.52
10	31	1616126.089	0.305	0.615	611259.2899	993917.5446	30811443.88
9	27.9	1616126.089	0.251	0.53	453969.8183	856546.8271	23897656.48
8	24.8	1616126.089	0.201	0.449	325812.6356	725640.6139	17995887.22
7	21.7	1616126.089	0.156	0.373	224850.0066	602815.0311	13081086.18
6	18.6	1616126.089	0.116	0.302	147397.1638	488070.0788	9078103.466
5	15.5	1616088.188	0.082	0.237	90774.05743	383012.9006	5936699.959
4	12.4	1616088.188	0.053	0.177	50630.42684	286047.6093	3546990.355
3	9.3	1616088.188	0.03	0.123	24449.7982	198778.8471	1848643.278
2	6.2	1616088.188	0.014	0.076	9334.525374	122822.7023	761500.7542
1	3.1	1610367.874	0.004	0.035	1972.700646	56362.8756	174724.9144
0	0	0	0	0	0	0	0
SUM		44865294.82			85971191.52	50903907.33	3148536324

Table 4.5 Base Shear Distribution

Floor Level	h (m)	miΔi	Fi (kg)
28	86.8	3231012	242836.6
27	83.7	4032235	303055
26	80.6	3836683	288357.7
25	77.5	3642748	273781.9
24	74.4	3447197	259084.7
23	71.3	3251646	244387.4
22	68.2	3059327	229933.1
21	65.1	2868624	215600.2
20	62	2679537	201388.8
19	58.9	2492066	187298.9
18	55.8	2307828	173451.9
17	52.7	2126822	159847.8
16	49.6	1950664	146608.2
15	46.5	1777894	133623.1
14	43.4	1609802	120989.6
13	40.3	1446559	108720.6
12	37.2	1289781	96937.45
11	34.1	1139468	85640.23
10	31	993917.5	74700.93
9	27.9	856546.8	64376.41
8	24.8	725640.6	54537.75
7	21.7	602815	45306.42
6	18.6	488070.1	36682.41
5	15.5	383012.9	28786.51
4	12.4	286047.6	21498.79
3	9.3	198778.8	14939.84
2	6.2	122822.7	9231.118
1	3.1	56362.88	4236.125
SUM		50903907	3825840

4.4 STRUCTURAL ANALYSIS

To work out forces acting on the structure, an analysis must be carried out by using the program SAP2000 to do so. The load combinations used are based on the Indonesian standard building codes (SNI), which was mentioned in chapter 3 equations (12a) through to (12d). The results of the analysis are attached in the appendix.

4.5 REINFORCEMENT CALCULATIONS

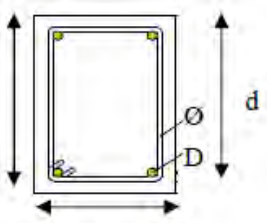
Once the analysis is complete, a calculation for reinforcement follows. The calculation of reinforcement is based on the concept of *Strong Column – Weak Beam* (SCWB) and also follows the Indonesian Building Codes (SNI). The result of the reinforcement calculations are below.

4.5.1 Beams Reinforcement

Below are the numbers of reinforcements needed on specific beams based on the Direct Displacement Based Design based on equations (13a) to (13e) in chapter 3.

The basic outline of the calculations is as follows:

Dimension of Beam	= 40/60 cm
Length	= 770 cm
Decking	= 40 mm
D	= 18 mm
Φ	= 10 mm
f_y	=390 MPa
f'_c	= 50 MPa



$d = hf - d' - \Phi - (0.5x\ \Phi)$ = 541 mm

$$\rho_b = \frac{0{,}85.f'c}{fy}.ß1.\left(\frac{600}{600+fy}\right) = 0.046$$

$\rho_{min} = \frac{\sqrt{fc'}}{4 . fy} = 0.0045$

$\rho_{max} = 0.75 \text{ x } \rho_b = 0.034$

$m = \frac{fy}{0,85 . f'c} = 9.176$

For Longitudinal Beam Reinforcement;

$Rn = \frac{Mu}{\phi.b.d^2}$

$P_{need} = \frac{1}{m}\left(1 - \sqrt{1 - \frac{2.m.Rn}{fy}}\right)$

$As_{need} = \rho . b . d$

Number of reinforcement = $\frac{As\,need}{1/4 x \pi x \phi^2}$

$$S = \frac{bw - 2\phi_{trans} - 2.decking - n.\phi tlongitude}{n-1} \geq 25mm$$

Below is the recap of the longitudinal reinforcement for beams:

Table 4.6 DDBD Longitudinal Beam Reinforcement

Beam	Level	Location	Diameter (mm)	N Reinforcement	N Layer	S Reinforcement (mm)
2-1 A	1	Left (-)	18	4	1	76.00
		(+)		2	1	264.00
		Right (-)		4	1	76.00
		(+)		2	1	264.00
		Middle		2	1	264.00
	6	Left (-)	18	6	1	38.00
		(+)		2	1	264.00
		Right (-)		6	1	38.00
		(+)		2	1	264.00
		Middle		2	1	264.00
	11	Left (-)	18	8	2	76.00
		(+)		4	1	76.00
		Right (-)		6	1	38.00
		(+)		4	1	76.00
		Middle		2	1	264.00
	16	Left (-)	18	8	2	76.00
		(+)		4	1	76.00
		Right (-)		6	2	76.00
		(+)		4	1	76.00
		Middle		2	1	264.00
	21	Left (-)	18	8	2	76.00
		(+)		4	1	76.00
		Right (-)		8	1	22.00
		(+)		4	1	76.00
		Middle		2	1	264.00
	27	Left (-)	18	4	1	76.00
		(+)		2	1	264.00
		Right (-)		6	1	38.00
		(+)		4	1	76.00
		Middle		2	1	264.00
	1	Left (-)	18	4	1	76.00
		(+)		2	1	260.00
		Right (-)		4	1	76.00
		(+)		2	1	260.00
		Middle		2	1	260.00
	6	Left (-)	18	10	2	52.00
		(+)		6	1	30.00
		Right (-)		6	1	30.00
		(+)		4	1	70.00
		Middle		4	1	70.00
	11	Left (-)	18	10	2	52.00
		(+)		8	2	70.00
		Right (-)		8	2	70.00
		(+)		6	1	30.00
11 5 H		Middle		4	1	70.00

Table 4.6 DDBD Longitudinal Beam Reinforcement (Continued)

	16	Left (-)	18	10	2	52.00
		(+)		6	1	30.00
		Right (-)		6	1	30.00
		(+)		6	1	30.00
		Middle		4	1	70.00
	21	Left (-)	18	8	2	76.00
		(+)		6	1	30.00
		Right (-)		6	1	30.00
		(+)		4	1	70.00
		Middle		4	1	70.00
	27	Left (-)	18	6	1	30.00
		(+)		4	1	70.00
		Right (-)		4	1	70.00
		(+)		4	1	70.00
		Middle		2	1	260.00

For Transversal Beam Reinforcement;

$$Mpr = As \times 1{,}25 \times fy \times \left(d - \frac{a}{2} \right)$$

$$a = \frac{As \times 1{,}25 \times fy}{0{,}85 \times f'c \times b}$$

Wu = Weight Ultimate = $1.2DL_{total} + 1.0\ LL_{total}$

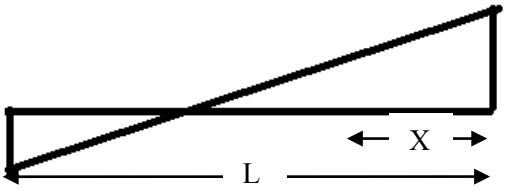
$$Vekn = \frac{Mpr1 + Mpr2}{L} - \frac{Wu.L}{2}$$

$$Vekn = \frac{Mpr1 + Mpr2}{L} + \frac{Wu.L}{2}$$

Reinforcement within the plastic hinge area;

VC = 0 , Vs = Vu/φ

VC ≠ 0 , Vs = — —— x b x d



Requirement of distance minimum according to SNI 2847-2013 pasal 21.5.3.4 is $\frac{1}{2}.d$

Table 4.7 DDBD Transversal Beam Reinforcement

Beam	Level	Location	Diameter (mm)	S Reinforcement (mm)
2-1 A	1	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	6	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	11	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	16	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	21	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	27	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270
11 E-H	1	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270.00
	6	Plastic Hinge	10	120.00
		Outside Plastic Hinge		220.00
	11	Plastic Hinge	10	110.00
		Outside Plastic Hinge		190.00
	16	Plastic Hinge	10	120.00
		Outside Plastic Hinge		220.00
	21	Plastic Hinge	10	130.00
		Outside Plastic Hinge		260.00
	27	Plastic Hinge	10	130.00
		Outside Plastic Hinge		270

4.5.2 Columns Reinforcement

For calculations regarding Columns reinforcement, the program PCACOL is used for aid.

The reinforcement ratio cannot be smaller than 1% and all the factored loads must be inside of the diagram as shown in figure 4.3.

Table 4.8 shows the number of reinforcement needed for columns.

Table 4.8 DDBD Columns Longitudinal and Transversal Reinforcement

Column	Level	Diameter	Longitudinal	Diameter	Transversal
K1	1	22	28	18	4D18-100
	5	22	28	18	4D18-100
	10	22	28	18	4D18-100
	15	22	28	18	4D18-100
	20	22	28	18	4D18-115
	25	22	24	18	3D18-125
K3	1	22	28	22	3D22-100
	5	22	28	22	3D22-100
	10	22	28	22	3D22-100
	15	22	28	22	3D22-100
	20	22	28	22	3D22-115
	25	22	28	22	2D22-125

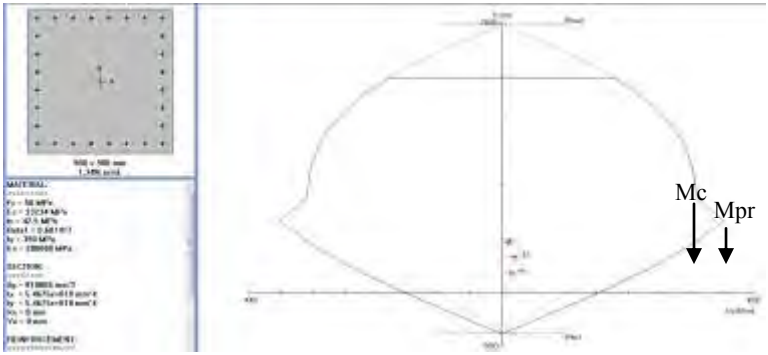


Figure 4.3 PCACOL Analysis Result

4.5.3 Shearwall Reinforcement

The same with the longitudinal column reinforcement calculation, the longitudinal calculation for shearwall uses the program PCACOL for aid.

The transversal reinforcements requirements and steps are as follows:

If Vu > 0.17 $A_{cw}\lambda\sqrt{f'c}$, then the wall need to have 2 layers of reinforcement, otherwise, single layer is sufficient.

$V_n = A_{cv}$

= 0.0025

= Vn pakai/Lw/tw-αc*1* /fy

= but cannot be smaller than

A_{sneed} = x Lw x thickness of wall

Table 4.9 DDBD Shearwall Reinforcement

SHEARWALL	Section	Diameter	Longitudinal		Diameter	Transversal		
			Nx	Ny		Layer	N	S (mm)
SW1	8 B-C	25	15	2	25	2	25	150
	B 8-10	25	15	2	25	2	28	150
SW2	4 K-L	25	15	2	25	2	25	150
	L 2-4	25	15	2	25	2	30	150
SW3	4 C-D	25	15	2	25	2	28	130
	C 2-4	25	15	2	25	2	30	150
SW4	8 K-L	25	15	2	25	2	26	140
	L 8-10	25	15	2	25	2	28	150
SW5	10 F-G	25	10	1	25	2	28	70
	8 F-G	25	10	1	25	2	30	70
	F 8-10	25	15	2	25	2	28	150
SW6	2 F-G	25	10	1	25	2	31	60
	4 F-G	25	10	1	25	2	28	70
	F 2-3	25	15	2	25	2	30	150

4.6 FORCE BASED VS DDBD REINFORCEMENT

Tables 4.10, 4.11 and 4.12 are the reinforcements for the design using Force Based alongside DDBD.

Table 4.10 Comparison of DDBD vs Force Based Beams Reinforcement

				DDBD	FB	Comparison
Beam	Level	Location	eter	N Reinforcement	N Reinforcement	DDBD/FB
2-1 A	1	Left (-)	18	4	4	100.00
		(+)		2	2	100.00
		Right (-)		4	4	100.00
		(+)		2	2	100.00
		Middle		2	2	100.00
	6	Left (-)	18	6	8	75.00
		(+)		2	4	50.00
		Right (-)		6	6	100.00
		(+)		2	4	50.00
		Middle		2	2	100.00
	11	Left (-)	18	8	8	100.00
		(+)		4	4	100.00
		Right (-)		6	8	75.00
		(+)		4	4	100.00
		Middle		2	2	100.00
	16	Left (-)	18	8	8	100.00
		(+)		4	6	66.67
		Right (-)		6	8	75.00
		(+)		4	6	66.67
		Middle		2	2	100.00
	21	Left (-)	18	8	8	100.00
		(+)		4	4	100.00
		Right (-)		8	8	100.00
		(+)		4	4	100.00
		Middle		2	2	100.00
	27	Left (-)	18	4	8	50.00
		(+)		2	4	50.00
		Right (-)		6	8	75.00
		(+)		4	4	100.00
		Middle		2	2	100.00

Table 4.10 Comparison of DDBD vs Force Based Beams Reinforcement (Continued)

11 E-H	1	Left (-)	18	4	4	100.00
		(+)		2	2	100.00
		Right (-)		4	4	100.00
		(+)		2	2	100.00
		Middle		2	2	100.00
	6	Left (-)	18	10	10	100.00
		(+)		6	8	75.00
		Right (-)		6	8	75.00
		(+)		4	6	66.67
		Middle		4	4	100.00
	11	Left (-)	18	10	12	83.33
		(+)		8	10	80.00
		Right (-)		8	8	100.00
		(+)		6	6	100.00
		Middle		4	4	100.00
	16	Left (-)	18	10	12	83.33
		(+)		6	8	75.00
		Right (-)		6	8	75.00
		(+)		6	6	100.00
		Middle		4	4	100.00
	21	Left (-)	18	8	10	80.00
		(+)		6	8	75.00
		Right (-)		6	6	100.00
		(+)		4	6	66.67
		Middle		4	4	100.00
	27	Left (-)	18	6	8	75.00
		(+)		4	6	66.67
		Right (-)		4	4	100.00
		(+)		4	4	100.00
		Middle		2	4	50.00

Table 4.11 Comparison of DDBD vs Force Based Column Reinforcement

		DDBD				FB			
Column	Level	Diameter	Longitudinal	Diameter	Transversal	Diameter	Longitudinal	Diameter	Transversal
K1	1	22	28	18	4D18-100	22	28	18	4D18-100
	5	22	28	18	4D18-100	22	28	18	4D18-100
	10	22	28	18	4D18-100	22	28	18	4D18-100
	15	22	28	18	4D18-100	22	28	18	4D18-100
	20	22	28	18	4D18-115	22	28	18	4D18-115
	25	22	24	18	3D18-125	22	24	18	3D18-125
K3	1	22	28	22	3D22-100	22	36	22	3D22-100
	5	22	28	22	3D22-100	22	28	22	3D22-100
	10	22	28	22	3D22-100	22	28	22	3D22-100
	15	22	28	22	3D22-100	22	28	22	3D22-100
	20	22	28	22	3D22-115	22	28	22	3D22-115
	25	22	28	22	2D22-125	22	28	22	2D22-125

Table 4.12 Comparison of DDBD vs Force Based Shearwall Reinforcement

SHEARWAL	Section	Diameter	Longitudinal		Diameter	Transversal			Diameter	Longitudinal		Diameter	Transversal		
			Nx	Ny		Layer	N	S (mm)		Nx	Ny		Layer	N	S (mm)
SW1	8 B-C	25	15	2	25	2	29	130	25	15	2	25	2	25	150
	B 8-10	25	15	2	25	2	28	150	25	15	2	25	2	28	150
SW2	4 K-L	25	15	2	25	2	32	120	25	15	2	25	2	25	150
	L 2-4	25	15	2	25	2	30	150	25	15	2	25	2	30	150
SW3	4 C-D	25	15	2	25	2	36	100	25	15	2	25	2	28	130
	C 2-4	25	15	2	25	2	34	130	25	15	2	25	2	30	150
SW4	8 K-L	25	15	2	25	2	33	110	25	15	2	25	2	26	140
	L 8-10	25	15	2	25	2	30	140	25	15	2	25	2	28	150
SW5	10 F-G	25	10	1	25	2	36	50	25	10	1	25	2	28	70
	8 F-G	25	10	1	25	2	36	50	25	10	1	25	2	30	70
	F 8-10	25	15	2	25	2	28	150	25	15	2	25	2	28	150
SW6	2 F-G	25	10	1	25	2	37	50	25	10	1	25	2	31	60
	4 F-G	25	10	1	25	2	34	60	25	10	1	25	2	28	70
	F 2-3	25	15	2	25	2	30	150	25	15	2	25	2	30	150
		FB							DDBD						

4.7 FORCE BASED VS DDBD DISPLACEMENT

A recap of the joint displacemens of chosen rows from the structure derived from the SAP2000 Analysis is shown on Table 4.13. The chosen row of joints is located on the 27th floor / at 86.8m elevation highlighted on the below figure of the structure.

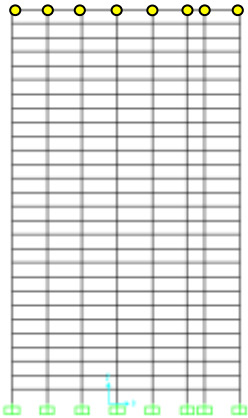


Figure 4.4 Structure SAP2000 Plan View

		Force Based		DDBD	
Joint	Row	Load Case	U1 (mm)	Load Case	U1 (mm)
1960	1	1.2D+1L+1E	117.134975	1.2D+1L+1E	94.210366
1961	1	1.2D+1L+1E	117.134373	1.2D+1L+1E	94.209003
1974	1	1.2D+1L+1E	117.146837	1.2D+1L+1E	94.218463
1975	1	1.2D+1L+1E	117.178874	1.2D+1L+1E	94.239873
1988	1	1.2D+1L+1E	117.175774	1.2D+1L+1E	94.231316
1989	1	1.2D+1L+1E	117.107961	1.2D+1L+1E	94.174596
2002	1	1.2D+1L+1E	117.077934	1.2D+1L+1E	94.149661
3036	11	1.2D+1L+1E	140.652985	1.2D+1L+1E	112.77394
3037	11	1.2D+1L+1E	140.638698	1.2D+1L+1E	112.760258
3050	11	1.2D+1L+1E	140.615873	1.2D+1L+1E	112.739959
3051	11	1.2D+1L+1E	140.588105	1.2D+1L+1E	112.71524
3064	11	1.2D+1L+1E	140.57255	1.2D+1L+1E	112.700671
3065	11	1.2D+1L+1E	140.57068	1.2D+1L+1E	112.700509
3078	11	1.2D+1L+1E	140.665299	1.2D+1L+1E	112.697991

Table 4.13 Comparison of DDBD vs Force Based Displacement

CHAPTER 5
CONCLUSION

The conclusion which is drawn by the results of this Design application on an apartment building is as follows:

1. Result of Base Shear of design using Direct Displacement based design is 3825840 kg, whilst the result for Strength based design is 4731599.688 kg, which means DDBD is 19.14% smaller than that of the standard Force Based Design method.

2. Based on the new base shear value, the Response Spectrum data on SAP2000 is then altered to give results necessary for reinforcement calculations for DDBD. Reinforcement for DDBD structure was calculated following the existing design code SNI (Standard Nasional Indonesia).

   It is seen that DDBD reinforcement averages 12% less than that of Force Based design on the longitudinal reinforcements and 7% on transversal.

   The difference in Column reinforcement however is miniscule to the point where there are no differences between the two methods of design.

   Very much like the column, there is no difference in longitudinal shearwall reinforcement for both design methods. The difference between the transversal reinforcement however averages 12.8% less for DDBD compared to that of the Strength Based Design.

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EXAMPLE OF BEAM REINFORCEMENT CALCULATION

Beam Data

Beam 2-1 A FB Level 1

Dimension : 400/600 mm
Length : 707 cm
Decking : 40 mm
Diameter : 18 mm
Trans. Diameter: 10 mm
Fy : 390 MPa
F'c : 50 MPa

$$\rho_b = \frac{0{,}85.f'c}{fy}.ß1.\left(\frac{600}{600+fy}\right) = 0.046$$

$$\rho_{min} = \frac{\sqrt{fc'}}{4.fy} = 0.0045$$

$$\rho_{max} = 0.75 \text{ x } \rho_b = 0.75 \text{ x } 0.046 = 0.034$$

$$m = \frac{fy}{0{,}85.f'c} = \frac{400}{0{,}85.30} = 9.176$$

For Longitudinal Beam Reinforcement;

$$Rn = \frac{Mu}{\phi.b.d^2}$$

$$P_{need} = \frac{1}{m}\left(1-\sqrt{1-\frac{2.m.Rn}{fy}}\right)$$

$$As_{need} = \rho \,.\, b \,.\, d$$

BEAM	LOCATION	MU	MN need	RN	RO NEED	RO USE	AS NEED	EMENT NEED	REINFORCE MENT	DISTANCE		NUMBER
m		Kgm	Kgm	N/mm			mm2			mm		LAYER
7.07	tumpuan	12857.61	16072.01	1.37	0.0036	0.0036	774.46	3.04	**4**	76.00	**76.00**	1
7.07		573.86	717.33	0.06	0.0002	0.0002	34.02	0.13	**2**	264.00	**264.00**	1
7.07	lapangan	5034.68	6293.35	0.54	0.0014	0.0014	300.19	1.18	**2**	264.00	**264.00**	1
7.07	tumpuan	12893.60	16117.00	1.38	0.0036	0.0036	776.66	3.05	**4**	76.00	**76.00**	1
7.07		596.10	745.13	0.06	0.0002	0.0002	35.34	0.14	**2**	264.00	**264.00**	1

For Transversal Beam Reinforcement;

Wu for Plate : Dead Load / 1 m= 534 kg/m^2

: Live Load / 1m = 250 kg/m^2

Wu : 1.2 D + 1.0 L = (1.2x534x7.07) + (1x250x7.07)

= 6989.156 kg/m

BEAM	POSITION	Wu	Vekn	Vekn
m		kg/m	kg	kg
7.07	tumpuan kiri	6989.156	28693.7772	-16526.0621
	tumpuan kanan	6989.156	28693.7772	-16526.0621

According to SNI 03 – 2847 – 2013 ps. 21.3

Vc is assumed as 0 , if:

1. Mpr > 0.5 x Total shear combination of quake and gravity (Vekn)
2. Axial < 0.2 x Ag x *fc*'

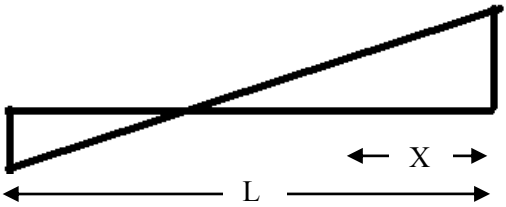
Since in this instance VC ≠ 0 ; $Vs = \frac{Vs}{\varphi} - \frac{\sqrt{f'c}}{6}$ x b x d

Vs = 251204 kg

Transversal Reinforcement at plastic hinge:

BEAM	Position	Vs	Av	s	SNI Requirements				S chosen	S	Control
m		kg	2D12	mm	d/4 (mm)	8* D (mm)	24* Φ (mm)	300 mm	mm	mm	Vsmx>Vs
7.07	tumpuan kiri	9974.09834	157.08	332.28298	135.25	144	240	300	135.25	**130**	**ok**
	tumpuan kanan	9974.09834	157.08	332.28298	135.25	144	240	300	135.25	**130**	**ok**

Transversal Reinforcement outside of plastic hinge:



Finding x:

	x	=	28693.777		
	6.62 - x		16526.062		
16526.0621	x	=	189952.81	-	28693.78 x
45219.8393	x	=	189952.81		

X = 4.2 m

Finding Vu at 1200 mm from edge of beam:

	4.20065	=	28693.78	
	3.00065		x	
4.20	x	=	86100.04	
	x	=	20496.83	kg

Vu = 20496.83 kg

Therefore;

BEAM	Position	Vs	Av	s	Req.	s chosen	s	number o	n used
m		kg	2D12	mm	d/2 (mm	mm	mm	buah	
7.07	lapangan	955.167956	157.079633	3469.7805	270.5	270.5	**270**	16.815	**17**

DDBD SAP Output

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	StepType	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
			Kgf	Kgf	Kgf	Kgf-mm	Kgf-mm	Kgf-mm
1.4D	Combination		-4.006E-08	-9.393E-09	82705213.84	-1.952E+12	-3.596E+10	-4.293E-03
1.2D+1.6L	Combination		-7.079E-08	-4.817E-08	85009923.90	-2.012E+12	-3.672E+10	-6.637E-03
1.2D+1L+1E	Combination	Max	3336698.03	1184731.21	79731087.39	-1.828E+12	1.229E+11	7.704E+10
1.2D+1L+1E	Combination	Min	-3336698.03	-1184731.21	79698954.95	-1.941E+12	-1.919E+11	-7.704E+10
0.9D+1E	Combination	Max	3336698.03	1184731.21	53183703.69	-1.198E+12	1.343E+11	7.704E+10
0.9D+1E	Combination	Min	-3336698.03	-1184731.21	53151571.25	-1.311E+12	-1.805E+11	-7.704E+10
1.2D+1L+1Ey	Combination	Max	861260.82	3352073.16	79731323.17	-1.724E+12	5878132844	2.045E+10
1.2D+1L+1Ey	Combination	Min	-861260.82	-3352073.16	79698719.17	-2.045E+12	-7.489E+10	-2.045E+10
0.9D+1Ey	Combination	Max	861260.82	3352073.16	53183939.48	-1.094E+12	1.727E+10	2.045E+10
0.9D+1Ey	Combination	Min	-861260.82	-3352073.16	53151335.47	-1.415E+12	-6.350E+10	-2.045E+10
1D+0.5L	Combination		-4.001E-08	-1.925E-08	63487571.68	-1.500E+12	-2.753E+10	-3.991E-03

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	StepType	GlobalX	GlobalY	GlobalZ	XCentroidFX	YCentroidFX	ZCentroidFX	XCentroidFY
		mm	mm	mm	mm	mm	mm	mm
1.4D		0.00	0.00	0.00	3.863E+17	-1.407E+16	0.00	1.772E+16
1.2D+1.6L		0.00	0.00	0.00	3.806E+17	-1.480E+16	0.00	1.268E+16
1.2D+1L+1E	Max	0.00	0.00	0.00	3.620E+17	-1.377E+16	0.00	1.362E+16
1.2D+1L+1E	Min	0.00	0.00	0.00	3.620E+17	-1.377E+16	0.00	1.362E+16
0.9D+1E	Max	0.00	0.00	0.00	2.484E+17	-9.045E+15	0.00	1.139E+16
0.9D+1E	Min	0.00	0.00	0.00	2.484E+17	-9.045E+15	0.00	1.139E+16
1.2D+1L+1Ey	Max	0.00	0.00	0.00	3.620E+17	-1.377E+16	0.00	1.362E+16
1.2D+1L+1Ey	Min	0.00	0.00	0.00	3.620E+17	-1.377E+16	0.00	1.362E+16
0.9D+1Ey	Max	0.00	0.00	0.00	2.484E+17	-9.045E+15	0.00	1.139E+16
0.9D+1Ey	Min	0.00	0.00	0.00	2.484E+17	-9.045E+15	0.00	1.139E+16
1D+0.5L		0.00	0.00	0.00	2.914E+17	-1.091E+16	0.00	1.187E+16

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ	ZCentroidFZ
		mm	mm	mm	mm	mm
1.4D		-5.632E+17	0.00	1192.17	-66570.67	0.00
1.2D+1.6L		-4.554E+17	0.00	1686.95	-95441.90	0.00
1.2D+1L+1E	Max	-4.657E+17	0.00	4.644E+11	1.601E+11	0.00
1.2D+1L+1E	Min	-4.657E+17	0.00	-4.644E+11	-1.601E+11	0.00
0.9D+1E	Max	-3.621E+17	0.00	4.644E+11	1.601E+11	0.00
0.9D+1E	Min	-3.621E+17	0.00	-4.644E+11	-1.601E+11	0.00
1.2D+1L+1Ey	Max	-4.657E+17	0.00	1.210E+11	4.502E+11	0.00

Table: Base Reactions, Part 3 of 3

OutputCase	StepType	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ	ZCentroidFZ
		mm	mm	mm	mm	mm
1.2D+1L+1Ey	Min	-4.657E+17	0.00	-1.210E+11	-4.502E+11	0.00
0.9D+1Ey	Max	-3.621E+17	0.00	1.210E+11	4.502E+11	0.00
0.9D+1Ey	Min	-3.621E+17	0.00	-1.210E+11	-4.502E+11	0.00
1D+0.5L		-3.937E+17	0.00	1059.39	-59544.64	0.00

DDBD SAP Output

Table: Joint Displacements, Part 1 of 2

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
4	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
9	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
13	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
17	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
524	1.4D	Combination		0.498433	-0.013382	-2.011444	2.053E-06	0.000018
524	1.2D+1.6L	Combination		0.665980	0.003402	-2.057965	9.207E-07	0.000025
524	1.2D+1L+1E	Combination	Max	30.001669	12.004866	-1.525705	0.000569	0.001350
524	1.2D+1L+1E	Combination	Min	-28.848773	-12.009216	-2.339822	-0.000566	-0.001307
524	0.9D+1E	Combination	Max	29.745643	11.998438	-0.886013	0.000569	0.001340
524	0.9D+1E	Combination	Min	-29.104800	-12.015644	-1.700130	-0.000566	-0.001317
524	1.2D+1L+1Ey	Combination	Max	8.280061	21.624611	-1.459712	0.001060	0.000367
524	1.2D+1L+1Ey	Combination	Min	-7.127164	-21.628961	-2.405815	-0.001057	-0.000324
524	0.9D+1Ey	Combination	Max	8.024034	21.618183	-0.820020	0.001060	0.000357
524	0.9D+1Ey	Combination	Min	-7.383191	-21.635389	-1.766123	-0.001057	-0.000334
524	1D+0.5L	Combination		0.430634	-0.004911	-1.541080	1.204E-06	0.000016
590	1.4D	Combination		0.491049	-0.089326	-0.680471	2.641E-06	0.000018
590	1.2D+1.6L	Combination		0.653658	-0.105620	-0.734729	4.677E-06	0.000025
590	1.2D+1L+1E	Combination	Max	33.922159	10.527519	-0.643941	0.000429	0.001321
590	1.2D+1L+1E	Combination	Min	-32.789412	-10.716969	-0.711916	-0.000422	-0.001279
590	0.9D+1E	Combination	Max	33.671460	10.564820	-0.403458	0.000427	0.001311
590	0.9D+1E	Combination	Min	-33.040111	-10.679668	-0.471433	-0.000424	-0.001288
590	1.2D+1L+1Ey	Combination	Max	9.202571	24.643366	-0.598427	0.001015	0.000357
590	1.2D+1L+1Ey	Combination	Min	-8.069824	-24.832815	-0.757430	-0.001007	-0.000315
590	0.9D+1Ey	Combination	Max	8.951872	24.680666	-0.357944	0.001013	0.000347
590	0.9D+1Ey	Combination	Min	-8.320523	-24.795515	-0.516947	-0.001009	-0.000324
590	1D+0.5L	Combination		0.423487	-0.072884	-0.533384	2.641E-06	0.000016
1572	1.4D	Combination		1.824072	-1.623364	-3.230422	0.000048	7.285E-06
1572	1.2D+1.6L	Combination		2.510555	-2.077070	-3.407406	0.000060	0.000011
1572	1.2D+1L+1E	Combination	Max	94.741057	28.101341	-1.463982	0.000413	0.000928
1572	1.2D+1L+1E	Combination	Min	-90.430245	-31.741270	-4.871975	-0.000307	-0.000910
1572	0.9D+1E	Combination	Max	93.758269	28.877715	-0.372703	0.000391	0.000923
1572	0.9D+1E	Combination	Min	-91.413033	-30.964897	-3.780696	-0.000329	-0.000914
1572	1.2D+1L+1Ey	Combination	Max	26.071235	79.390524	-1.594771	0.001035	0.000253
1572	1.2D+1L+1Ey	Combination	Min	-21.760423	-83.030453	-4.741187	-0.000930	-0.000235
1572	0.9D+1Ey	Combination	Max	25.088447	80.166897	-0.503491	0.001013	0.000249
1572	0.9D+1Ey	Combination	Min	-22.743211	-82.254079	-3.649908	-0.000952	-0.000240
1572	1D+0.5L	Combination		1.598867	-1.373800	-2.506967	0.000040	6.702E-06
1594	1.4D	Combination		-0.002849	0.028984	-0.166416	-6.663E-06	0.000017

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1594	1.2D+1.6L	Combination		-0.002689	0.025667	-0.157167	-5.409E-06	0.000024
1594	1.2D+1L+1E	Combination	Max	0.693423	0.294088	0.191704	0.000139	0.000428
1594	1.2D+1L+1E	Combination	Min	-0.698615	-0.243371	-0.495145	-0.000150	-0.000387
1594	0.9D+1E	Combination	Max	0.694187	0.287362	0.236443	0.000140	0.000418
1594	0.9D+1E	Combination	Min	-0.697850	-0.250097	-0.450406	-0.000148	-0.000397
1594	1.2D+1L+1Ey	Combination	Max	0.179406	0.469169	0.417577	0.000219	0.000127
1594	1.2D+1L+1Ey	Combination	Min	-0.184598	-0.418452	-0.721018	-0.000230	-0.000086
1594	0.9D+1Ey	Combination	Max	0.180171	0.462443	0.462316	0.000220	0.000117
1594	0.9D+1Ey	Combination	Min	-0.183833	-0.425178	-0.676279	-0.000228	-0.000096
1594	1D+0.5L	Combination		-0.002112	0.020960	-0.123408	-4.665E-06	0.000015
1595	1.4D	Combination		-0.039068	-0.037559	-0.172011	8.346E-06	-0.000014
1595	1.2D+1.6L	Combination		-0.037628	-0.037893	-0.166321	9.560E-06	-0.000013
1595	1.2D+1L+1E	Combination	Max	0.581834	0.252680	0.338637	0.000170	0.000342
1595	1.2D+1L+1E	Combination	Min	-0.653985	-0.324191	-0.657116	-0.000152	-0.000368
1595	0.9D+1E	Combination	Max	0.592795	0.264290	0.387298	0.000166	0.000346
1595	0.9D+1E	Combination	Min	-0.643025	-0.312580	-0.608455	-0.000156	-0.000364
1595	1.2D+1L+1Ey	Combination	Max	0.131217	0.362450	0.171596	0.000223	0.000083
1595	1.2D+1L+1Ey	Combination	Min	-0.203367	-0.433961	-0.490075	-0.000205	-0.000109
1595	0.9D+1Ey	Combination	Max	0.142177	0.374061	0.220257	0.000220	0.000087
1595	0.9D+1Ey	Combination	Min	-0.192407	-0.422351	-0.441414	-0.000209	-0.000105
1595	1D+0.5L	Combination		-0.029200	-0.028609	-0.128766	6.714E-06	-0.000011
1596	1.4D	Combination		0.030469	0.006551	-0.173249	-0.000023	0.000014
1596	1.2D+1.6L	Combination		0.030064	0.004372	-0.169658	-0.000032	0.000015
1596	1.2D+1L+1E	Combination	Max	0.734093	0.227861	0.737500	0.000106	0.000397
1596	1.2D+1L+1E	Combination	Min	-0.676927	-0.218184	-1.060946	-0.000161	-0.000370
1596	0.9D+1E	Combination	Max	0.725097	0.227234	0.787849	0.000119	0.000393
1596	0.9D+1E	Combination	Min	-0.685923	-0.218811	-1.010597	-0.000148	-0.000374
1596	1.2D+1L+1Ey	Combination	Max	0.221873	0.420258	0.185608	0.000221	0.000114
1596	1.2D+1L+1Ey	Combination	Min	-0.164707	-0.410582	-0.509055	-0.000276	-0.000087
1596	0.9D+1Ey	Combination	Max	0.212877	0.419631	0.235957	0.000234	0.000110
1596	0.9D+1Ey	Combination	Min	-0.173703	-0.411209	-0.458706	-0.000263	-0.000091
1596	1D+0.5L	Combination		0.022997	0.004291	-0.130361	-0.000020	0.000011
1597	1.4D	Combination		-0.019566	0.034249	-0.203108	-6.994E-06	-3.927E-06
1597	1.2D+1.6L	Combination		-0.019495	0.033789	-0.204415	-6.574E-06	-4.024E-06
1597	1.2D+1L+1E	Combination	Max	0.654890	0.190681	0.071240	0.000074	0.000403
1597	1.2D+1L+1E	Combination	Min	-0.691837	-0.126429	-0.457329	-0.000087	-0.000411
1597	0.9D+1E	Combination	Max	0.660785	0.180572	0.133715	0.000076	0.000405
1597	0.9D+1E	Combination	Min	-0.685942	-0.136538	-0.394854	-0.000085	-0.000410
1597	1.2D+1L+1Ey	Combination	Max	0.161274	0.473676	0.243625	0.000218	0.000103
1597	1.2D+1L+1Ey	Combination	Min	-0.198220	-0.409424	-0.629714	-0.000231	-0.000111
1597	0.9D+1Ey	Combination	Max	0.167169	0.463567	0.306100	0.000220	0.000104
1597	0.9D+1Ey	Combination	Min	-0.192325	-0.419533	-0.567239	-0.000229	-0.000109
1597	1D+0.5L	Combination		-0.014827	0.025849	-0.154553	-5.177E-06	-3.011E-06
1598	1.4D	Combination		0.019425	0.001511	-0.203935	-0.000040	3.986E-06
1598	1.2D+1.6L	Combination		0.019849	0.000778	-0.206193	-0.000050	4.600E-06
1598	1.2D+1L+1E	Combination	Max	0.730567	0.148039	0.445282	0.000030	0.000412
1598	1.2D+1L+1E	Combination	Min	-0.693268	-0.146095	-0.834123	-0.000118	-0.000403
1598	0.9D+1E	Combination	Max	0.724404	0.148038	0.508602	0.000049	0.000410

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1598	0.9D+1E	Combination	Min	-0.699430	-0.146096	-0.770804	-0.000099	-0.000405
1598	1.2D+1L+1Ey	Combination	Max	0.207151	0.418434	0.229070	0.000163	0.000110
1598	1.2D+1L+1Ey	Combination	Min	-0.169853	-0.416490	-0.617911	-0.000251	-0.000102
1598	0.9D+1Ey	Combination	Max	0.200989	0.418433	0.292389	0.000182	0.000109
1598	0.9D+1Ey	Combination	Min	-0.176015	-0.416491	-0.554591	-0.000233	-0.000103
1598	1D+0.5L	Combination		0.014875	0.000918	-0.155478	-0.000033	3.217E-06
1599	1.4D	Combination		-0.019863	-0.035590	-0.208385	4.673E-06	-3.501E-06
1599	1.2D+1.6L	Combination		-0.019692	-0.036757	-0.211349	4.654E-06	-3.299E-06
1599	1.2D+1L+1E	Combination	Max	0.637139	0.130588	0.091960	0.000090	0.000388
1599	1.2D+1L+1E	Combination	Min	-0.674523	-0.199413	-0.490108	-0.000081	-0.000395
1599	0.9D+1E	Combination	Max	0.643062	0.142122	0.157072	0.000089	0.000389
1599	0.9D+1E	Combination	Min	-0.668600	-0.187880	-0.424996	-0.000083	-0.000394
1599	1.2D+1L+1Ey	Combination	Max	0.152884	0.406090	0.226847	0.000230	0.000099
1599	1.2D+1L+1Ey	Combination	Min	-0.190268	-0.474916	-0.624996	-0.000221	-0.000105
1599	0.9D+1Ey	Combination	Max	0.158807	0.417624	0.291960	0.000229	0.000099
1599	0.9D+1Ey	Combination	Min	-0.184345	-0.463382	-0.559883	-0.000223	-0.000104
1599	1D+0.5L	Combination		-0.015021	-0.027375	-0.159076	3.541E-06	-2.594E-06
1600	1.4D	Combination		0.016778	-0.004813	-0.209940	0.000038	5.168E-06
1600	1.2D+1.6L	Combination		0.017588	-0.005490	-0.214253	0.000049	6.318E-06
1600	1.2D+1L+1E	Combination	Max	0.697720	0.143477	0.373769	0.000118	0.000390
1600	1.2D+1L+1E	Combination	Min	-0.664949	-0.153434	-0.776547	-0.000033	-0.000379
1600	0.9D+1E	Combination	Max	0.692121	0.145361	0.440196	0.000100	0.000388
1600	0.9D+1E	Combination	Min	-0.670549	-0.151550	-0.710119	-0.000051	-0.000381
1600	1.2D+1L+1Ey	Combination	Max	0.197112	0.415718	0.213663	0.000255	0.000105
1600	1.2D+1L+1Ey	Combination	Min	-0.164341	-0.425675	-0.616441	-0.000170	-0.000094
1600	0.9D+1Ey	Combination	Max	0.191512	0.417602	0.280090	0.000236	0.000103
1600	0.9D+1Ey	Combination	Min	-0.169940	-0.423791	-0.550013	-0.000188	-0.000096
1600	1D+0.5L	Combination		0.012986	-0.003864	-0.160677	0.000032	4.281E-06
1601	1.4D	Combination		0.006621	0.024995	-0.199801	-6.326E-06	-2.299E-07
1601	1.2D+1.6L	Combination		0.007314	0.025826	-0.203330	-6.756E-06	-1.214E-06
1601	1.2D+1L+1E	Combination	Max	0.696850	0.330362	0.162573	0.000154	0.000393
1601	1.2D+1L+1E	Combination	Min	-0.683452	-0.282011	-0.545180	-0.000167	-0.000395
1601	0.9D+1E	Combination	Max	0.694407	0.322255	0.225433	0.000156	0.000394
1601	0.9D+1E	Combination	Min	-0.685894	-0.290119	-0.482320	-0.000164	-0.000394
1601	1.2D+1L+1Ey	Combination	Max	0.186042	0.492535	0.380917	0.000228	0.000102
1601	1.2D+1L+1Ey	Combination	Min	-0.172644	-0.444184	-0.763524	-0.000240	-0.000103
1601	0.9D+1Ey	Combination	Max	0.183599	0.484428	0.443777	0.000230	0.000102
1601	0.9D+1Ey	Combination	Min	-0.175087	-0.452292	-0.700664	-0.000238	-0.000103
1601	1D+0.5L	Combination		0.005241	0.019229	-0.152738	-4.935E-06	-4.821E-07
1602	1.4D	Combination		0.046139	-0.038649	-0.202161	8.691E-06	0.000021
1602	1.2D+1.6L	Combination		0.047341	-0.038627	-0.203860	9.195E-06	0.000022
1602	1.2D+1L+1E	Combination	Max	0.663358	0.286473	0.310169	0.000187	0.000376
1602	1.2D+1L+1E	Combination	Min	-0.574522	-0.359603	-0.694955	-0.000170	-0.000334
1602	0.9D+1E	Combination	Max	0.648601	0.298192	0.372601	0.000184	0.000369
1602	0.9D+1E	Combination	Min	-0.589279	-0.347884	-0.632523	-0.000173	-0.000341
1602	1.2D+1L+1Ey	Combination	Max	0.216424	0.406674	0.191967	0.000240	0.000119

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1602	1.2D+1L+1Ey	Combination	Min	-0.127587	-0.479804	-0.576753	-0.000223	-0.000078
1602	0.9D+1Ey	Combination	Max	0.201666	0.418394	0.254399	0.000237	0.000112
1602	0.9D+1Ey	Combination	Min	-0.142345	-0.468085	-0.514321	-0.000226	-0.000085
1602	1D+0.5L	Combination		0.035392	-0.029325	-0.153957	6.753E-06	0.000016
1603	1.4D	Combination		0.042830	-0.013656	-0.214638	0.000022	0.000022
1603	1.2D+1.6L	Combination		0.045460	-0.014275	-0.220549	0.000029	0.000024
1603	1.2D+1L+1E	Combination	Max	0.685718	0.186637	0.674166	0.000141	0.000367
1603	1.2D+1L+1E	Combination	Min	-0.601359	-0.213260	-1.087834	-0.000091	-0.000324
1603	0.9D+1E	Combination	Max	0.671072	0.191170	0.743019	0.000130	0.000359
1603	0.9D+1E	Combination	Min	-0.616005	-0.208728	-1.018982	-0.000102	-0.000331
1603	1.2D+1L+1Ey	Combination	Max	0.218486	0.406154	0.131528	0.000257	0.000112
1603	1.2D+1L+1Ey	Combination	Min	-0.134128	-0.432776	-0.545196	-0.000206	-0.000069
1603	0.9D+1Ey	Combination	Max	0.203840	0.410686	0.200380	0.000246	0.000104
1603	0.9D+1Ey	Combination	Min	-0.148774	-0.428244	-0.476343	-0.000217	-0.000077
1603	1D+0.5L	Combination		0.033327	-0.010557	-0.164742	0.000019	0.000017
1604	1.4D	Combination		-0.039843	0.039582	-0.207326	-4.955E-06	-0.000018
1604	1.2D+1.6L	Combination		-0.038760	0.039894	-0.209175	-4.347E-06	-0.000018
1604	1.2D+1L+1E	Combination	Max	0.500072	0.254910	0.154981	0.000115	0.000289
1604	1.2D+1L+1E	Combination	Min	-0.574135	-0.179596	-0.549730	-0.000123	-0.000322
1604	0.9D+1E	Combination	Max	0.511490	0.242699	0.219075	0.000116	0.000294
1604	0.9D+1E	Combination	Min	-0.562717	-0.191807	-0.485636	-0.000122	-0.000317
1604	1.2D+1L+1Ey	Combination	Max	0.109749	0.443363	0.118072	0.000215	0.000067
1604	1.2D+1L+1Ey	Combination	Min	-0.183812	-0.368050	-0.512821	-0.000223	-0.000101
1604	0.9D+1Ey	Combination	Max	0.121167	0.431152	0.182165	0.000216	0.000072
1604	0.9D+1Ey	Combination	Min	-0.172394	-0.380261	-0.448727	-0.000222	-0.000095
1604	1D+0.5L	Combination		-0.029899	0.030138	-0.157923	-3.571E-06	-0.000013
1605	1.4D	Combination		0.002325	-0.037930	-0.226297	0.000017	-0.000060
1605	1.2D+1.6L	Combination		0.004250	-0.039134	-0.233438	0.000020	-0.000081
1605	1.2D+1L+1E	Combination	Max	0.587259	0.216125	0.206442	0.000144	0.000183
1605	1.2D+1L+1E	Combination	Min	-0.580452	-0.289426	-0.643717	-0.000108	-0.000323
1605	0.9D+1E	Combination	Max	0.585350	0.228392	0.279603	0.000137	0.000214
1605	0.9D+1E	Combination	Min	-0.582361	-0.277159	-0.570556	-0.000115	-0.000291
1605	1.2D+1L+1Ey	Combination	Max	0.155420	0.419483	0.419446	0.000253	-2.561E-06
1605	1.2D+1L+1Ey	Combination	Min	-0.148613	-0.492784	-0.856720	-0.000216	-0.000138
1605	0.9D+1Ey	Combination	Max	0.153511	0.431750	0.492606	0.000246	0.000029
1605	0.9D+1Ey	Combination	Min	-0.150522	-0.480517	-0.783560	-0.000223	-0.000106
1605	1D+0.5L	Combination		0.002366	-0.029162	-0.173975	0.000014	-0.000052
1606	1.4D	Combination		0.020326	-0.002949	-0.194391	-0.000039	6.719E-06
1606	1.2D+1.6L	Combination		0.022373	-0.003562	-0.199094	-0.000052	8.357E-06
1606	1.2D+1L+1E	Combination	Max	0.630281	0.143814	0.354781	0.000030	0.000350
1606	1.2D+1L+1E	Combination	Min	-0.589247	-0.150163	-0.728615	-0.000119	-0.000335
1606	0.9D+1E	Combination	Max	0.622831	0.145092	0.416732	0.000050	0.000347
1606	0.9D+1E	Combination	Min	-0.596697	-0.148884	-0.666664	-0.000100	-0.000338
1606	1.2D+1L+1Ey	Combination	Max	0.184871	0.413779	0.243301	0.000166	0.000096
1606	1.2D+1L+1Ey	Combination	Min	-0.143838	-0.420128	-0.617135	-0.000256	-0.000082
1606	0.9D+1Ey	Combination	Max	0.177421	0.415058	0.305252	0.000186	0.000093
1606	0.9D+1Ey	Combination	Min	-0.151287	-0.418849	-0.555184	-0.000236	-0.000085

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1606	1D+0.5L	Combination		0.016066	-0.002430	-0.148999	-0.000033	5.611E-06
1607	1.4D	Combination		-0.018098	0.028303	-0.188808	-3.573E-06	-1.522E-06
1607	1.2D+1.6L	Combination		-0.016709	0.028099	-0.190647	-3.121E-06	-4.812E-07
1607	1.2D+1L+1E	Combination	Max	0.561966	0.187858	0.069403	0.000079	0.000347
1607	1.2D+1L+1E	Combination	Min	-0.594487	-0.134540	-0.429088	-0.000085	-0.000349
1607	0.9D+1E	Combination	Max	0.566592	0.179394	0.127869	0.000079	0.000347
1607	0.9D+1E	Combination	Min	-0.589861	-0.143004	-0.370622	-0.000084	-0.000349
1607	1.2D+1L+1Ey	Combination	Max	0.137413	0.471527	0.266639	0.000221	0.000090
1607	1.2D+1L+1Ey	Combination	Min	-0.169934	-0.418208	-0.626325	-0.000228	-0.000092
1607	0.9D+1Ey	Combination	Max	0.142039	0.463063	0.325105	0.000222	0.000090
1607	0.9D+1Ey	Combination	Min	-0.165309	-0.426673	-0.567859	-0.000227	-0.000092
1607	1D+0.5L	Combination		-0.013301	0.021416	-0.143867	-2.571E-06	-8.300E-07
1608	1.4D	Combination		-0.009939	-0.041061	-0.196055	9.550E-06	6.348E-07
1608	1.2D+1.6L	Combination		-0.008391	-0.042267	-0.199747	0.000010	1.797E-06
1608	1.2D+1L+1E	Combination	Max	0.571319	0.122878	0.063935	0.000091	0.000346
1608	1.2D+1L+1E	Combination	Min	-0.588197	-0.202108	-0.439654	-0.000073	-0.000343
1608	0.9D+1E	Combination	Max	0.573368	0.136097	0.125759	0.000088	0.000345
1608	0.9D+1E	Combination	Min	-0.586147	-0.188890	-0.377830	-0.000076	-0.000344
1608	1.2D+1L+1Ey	Combination	Max	0.146284	0.403832	0.258435	0.000233	0.000092
1608	1.2D+1L+1Ey	Combination	Min	-0.163162	-0.483062	-0.634154	-0.000215	-0.000089
1608	0.9D+1Ey	Combination	Max	0.148334	0.417051	0.320259	0.000230	0.000091
1608	0.9D+1Ey	Combination	Min	-0.161113	-0.469844	-0.572330	-0.000218	-0.000090
1608	1D+0.5L	Combination		-0.007059	-0.031539	-0.149946	7.416E-06	8.449E-07
1609	1.4D	Combination		0.024000	-0.009591	-0.203289	5.493E-06	7.280E-06
1609	1.2D+1.6L	Combination		0.026439	-0.010205	-0.210104	6.265E-06	9.093E-06
1609	1.2D+1L+1E	Combination	Max	0.630297	0.137930	0.340398	0.000090	0.000349
1609	1.2D+1L+1E	Combination	Min	-0.581820	-0.156852	-0.733714	-0.000079	-0.000333
1609	0.9D+1E	Combination	Max	0.621487	0.141225	0.406371	0.000088	0.000345
1609	0.9D+1E	Combination	Min	-0.590630	-0.153557	-0.667742	-0.000081	-0.000336
1609	1.2D+1L+1Ey	Combination	Max	0.186813	0.407718	0.232995	0.000242	0.000097
1609	1.2D+1L+1Ey	Combination	Min	-0.138336	-0.426640	-0.626311	-0.000231	-0.000081
1609	0.9D+1Ey	Combination	Max	0.178003	0.411013	0.298967	0.000240	0.000094
1609	0.9D+1Ey	Combination	Min	-0.147146	-0.423345	-0.560339	-0.000233	-0.000084
1609	1D+0.5L	Combination		0.018976	-0.007471	-0.156412	4.410E-06	6.092E-06
1610	1.4D	Combination		-0.020322	0.004044	-0.161717	0.000017	-0.000010
1610	1.2D+1.6L	Combination		-0.016583	0.004529	-0.150988	0.000024	-9.059E-06
1610	1.2D+1L+1E	Combination	Max	0.627660	0.242790	0.722154	0.000158	0.000336
1610	1.2D+1L+1E	Combination	Min	-0.661453	-0.234528	-1.014850	-0.000117	-0.000354
1610	0.9D+1E	Combination	Max	0.631492	0.241259	0.764541	0.000148	0.000338
1610	0.9D+1E	Combination	Min	-0.657621	-0.236059	-0.972463	-0.000126	-0.000352
1610	1.2D+1L+1Ey	Combination	Max	0.156354	0.405579	0.165584	0.000243	0.000081
1610	1.2D+1L+1Ey	Combination	Min	-0.190147	-0.397318	-0.458280	-0.000203	-0.000099
1610	0.9D+1Ey	Combination	Max	0.160187	0.404048	0.207971	0.000234	0.000083
1610	0.9D+1Ey	Combination	Min	-0.186315	-0.398848	-0.415893	-0.000212	-0.000096
1610	1D+0.5L	Combination		-0.014255	0.003221	-0.119379	0.000015	-7.509E-06
1611	1.4D	Combination		0.047947	0.036249	-0.179968	-8.684E-06	0.000020
1611	1.2D+1.6L	Combination		0.048054	0.035461	-0.172606	-9.314E-06	0.000020
1611	1.2D+1L+1E	Combination	Max	0.582414	0.291175	0.207830	0.000133	0.000326

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1611	1.2D+1L+1E	Combination	Min	-0.491523	-0.223546	-0.539281	-0.000150	-0.000287
1611	0.9D+1E	Combination	Max	0.567791	0.280664	0.257862	0.000136	0.000319
1611	0.9D+1E	Combination	Min	-0.506145	-0.234058	-0.489249	-0.000147	-0.000294
1611	1.2D+1L+1Ey	Combination	Max	0.194413	0.416387	0.128317	0.000203	0.000104
1611	1.2D+1L+1Ey	Combination	Min	-0.103523	-0.348758	-0.459769	-0.000220	-0.000066
1611	0.9D+1Ey	Combination	Max	0.179791	0.405875	0.178349	0.000206	0.000098
1611	0.9D+1Ey	Combination	Min	-0.118145	-0.359269	-0.409737	-0.000217	-0.000072
1611	1D+0.5L	Combination		0.036422	0.027264	-0.134282	-6.788E-06	0.000015
1612	1.4D	Combination		-0.009444	-0.039508	-0.179212	8.062E-06	-9.101E-06
1612	1.2D+1.6L	Combination		-0.006048	-0.036751	-0.169721	7.058E-06	-9.431E-06
1612	1.2D+1L+1E	Combination	Max	0.575055	0.280776	0.337026	0.000162	0.000304
1612	1.2D+1L+1E	Combination	Min	-0.588686	-0.352112	-0.664385	-0.000148	-0.000322
1612	0.9D+1E	Combination	Max	0.575800	0.291046	0.385498	0.000161	0.000307
1612	0.9D+1E	Combination	Min	-0.587942	-0.341842	-0.615913	-0.000150	-0.000319
1612	1.2D+1L+1Ey	Combination	Max	0.144957	0.418996	0.472273	0.000240	0.000075
1612	1.2D+1L+1Ey	Combination	Min	-0.158588	-0.490333	-0.799632	-0.000226	-0.000093
1612	0.9D+1Ey	Combination	Max	0.145702	0.429266	0.520745	0.000238	0.000078
1612	0.9D+1Ey	Combination	Min	-0.157844	-0.480062	-0.751160	-0.000228	-0.000090
1612	1D+0.5L	Combination		-0.006106	-0.029122	-0.133043	5.805E-06	-7.010E-06
1613	1.4D	Combination		0.006154	-0.001407	-0.575694	0.000281	0.000072
1613	1.2D+1.6L	Combination		0.008227	-0.001583	-0.688498	0.000376	0.000085
1613	1.2D+1L+1E	Combination	Max	0.606890	0.151877	-0.512957	0.000358	0.000198
1613	1.2D+1L+1E	Combination	Min	-0.592651	-0.154760	-0.717755	0.000292	-0.000045
1613	0.9D+1E	Combination	Max	0.603726	0.152414	-0.267690	0.000213	0.000168
1613	0.9D+1E	Combination	Min	-0.595814	-0.154223	-0.472488	0.000147	-0.000075
1613	1.2D+1L+1Ey	Combination	Max	0.162221	0.398394	-0.474350	0.000335	0.000119
1613	1.2D+1L+1Ey	Combination	Min	-0.147981	-0.401278	-0.756362	0.000315	0.000034
1613	0.9D+1Ey	Combination	Max	0.159057	0.398931	-0.229083	0.000190	0.000089
1613	0.9D+1Ey	Combination	Min	-0.151145	-0.400741	-0.511095	0.000170	3.767E-06
1613	1D+0.5L	Combination		0.005318	-0.001123	-0.472162	0.000243	0.000059
1615	1.4D	Combination		0.002737	0.005473	-0.697460	-0.000230	-0.000019
1615	1.2D+1.6L	Combination		0.002928	0.004821	-0.839175	-0.000296	-0.000025
1615	1.2D+1L+1E	Combination	Max	0.706319	0.151247	-0.496989	-0.000068	0.000132
1615	1.2D+1L+1E	Combination	Min	-0.700899	-0.141702	-1.000346	-0.000450	-0.000176
1615	0.9D+1E	Combination	Max	0.705368	0.149993	-0.196689	0.000043	0.000141
1615	0.9D+1E	Combination	Min	-0.701849	-0.142956	-0.700046	-0.000339	-0.000166
1615	1.2D+1L+1Ey	Combination	Max	0.186022	0.419510	-0.346154	-0.000127	0.000027
1615	1.2D+1L+1Ey	Combination	Min	-0.180602	-0.409965	-1.151181	-0.000391	-0.000071
1615	0.9D+1Ey	Combination	Max	0.185071	0.418256	-0.045854	-0.000016	0.000037
1615	0.9D+1Ey	Combination	Min	-0.181553	-0.411219	-0.850880	-0.000280	-0.000061
1615	1D+0.5L	Combination		0.002137	0.003950	-0.573608	-0.000195	-0.000016
1616	1.4D	Combination		0.000849	0.019668	-0.325276	7.217E-06	0.000017
1616	1.2D+1.6L	Combination		0.002594	0.012255	-0.307239	8.519E-06	0.000023
1616	1.2D+1L+1E	Combination	Max	2.472405	0.937935	0.338262	0.000267	0.000721
1616	1.2D+1L+1E	Combination	Min	-2.468617	-0.909973	-0.931418	-0.000252	-0.000682
1616	0.9D+1E	Combination	Max	2.471057	0.936598	0.425734	0.000264	0.000712
1616	0.9D+1E	Combination	Min	-2.469965	-0.911311	-0.843946	-0.000255	-0.000691

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1616	1.2D+1L+1Ey	Combination	Max	0.643643	1.438387	0.756415	0.000381	0.000202
1616	1.2D+1L+1Ey	Combination	Min	-0.639855	-1.410425	-1.349570	-0.000365	-0.000162
1616	0.9D+1Ey	Combination	Max	0.642294	1.437049	0.843886	0.000378	0.000193
1616	0.9D+1Ey	Combination	Min	-0.641203	-1.411762	-1.262098	-0.000368	-0.000171
1616	1D+0.5L	Combination		0.001190	0.012610	-0.241225	5.884E-06	0.000015
1617	1.4D	Combination		-0.027668	-0.039057	-0.338215	2.523E-06	0.000017
1617	1.2D+1.6L	Combination		-0.024445	-0.043898	-0.327123	4.659E-06	0.000018
1617	1.2D+1L+1E	Combination	Max	2.279791	0.904842	0.591481	0.000272	0.000699
1617	1.2D+1L+1E	Combination	Min	-2.328135	-0.984822	-1.217808	-0.000264	-0.000665
1617	0.9D+1E	Combination	Max	2.286177	0.919724	0.687221	0.000270	0.000693
1617	0.9D+1E	Combination	Min	-2.321749	-0.969940	-1.122068	-0.000266	-0.000671
1617	1.2D+1L+1Ey	Combination	Max	0.572621	1.347763	0.314833	0.000392	0.000194
1617	1.2D+1L+1Ey	Combination	Min	-0.620964	-1.427743	-0.941160	-0.000384	-0.000160
1617	0.9D+1Ey	Combination	Max	0.579006	1.362645	0.410573	0.000390	0.000188
1617	0.9D+1Ey	Combination	Min	-0.614579	-1.412861	-0.845420	-0.000386	-0.000166
1617	1D+0.5L	Combination		-0.019991	-0.031154	-0.253215	2.582E-06	0.000013
1618	1.4D	Combination		0.026809	0.003755	-0.352541	-0.000016	-0.000011
1618	1.2D+1.6L	Combination		0.028615	-0.002056	-0.345184	-0.000022	-9.505E-06
1618	1.2D+1L+1E	Combination	Max	2.388177	0.798008	1.332118	0.000208	0.000626
1618	1.2D+1L+1E	Combination	Min	-2.335174	-0.798164	-1.990232	-0.000246	-0.000645
1618	0.9D+1E	Combination	Max	2.378909	0.800499	1.434541	0.000217	0.000628
1618	0.9D+1E	Combination	Min	-2.344441	-0.795672	-1.887809	-0.000237	-0.000642
1618	1.2D+1L+1Ey	Combination	Max	0.638429	1.422435	0.344022	0.000390	0.000159
1618	1.2D+1L+1Ey	Combination	Min	-0.585426	-1.422591	-1.002136	-0.000428	-0.000178
1618	0.9D+1Ey	Combination	Max	0.629161	1.424927	0.446445	0.000399	0.000161
1618	0.9D+1Ey	Combination	Min	-0.594693	-1.420099	-0.899712	-0.000420	-0.000175
1618	1D+0.5L	Combination		0.020910	0.001034	-0.265255	-0.000014	-7.819E-06
1619	1.4D	Combination		-0.009745	0.026182	-0.400666	7.492E-06	5.945E-06
1619	1.2D+1.6L	Combination		-0.008239	0.023805	-0.403380	8.447E-06	6.477E-06
1619	1.2D+1L+1E	Combination	Max	2.455571	0.541406	0.090052	0.000147	0.000724
1619	1.2D+1L+1E	Combination	Min	-2.472134	-0.494818	-0.851849	-0.000132	-0.000712
1619	0.9D+1E	Combination	Max	2.457588	0.534943	0.213379	0.000144	0.000722
1619	0.9D+1E	Combination	Min	-2.470117	-0.501281	-0.728522	-0.000135	-0.000714
1619	1.2D+1L+1Ey	Combination	Max	0.632999	1.473386	0.440677	0.000395	0.000192
1619	1.2D+1L+1Ey	Combination	Min	-0.649561	-1.426798	-1.202474	-0.000379	-0.000180
1619	0.9D+1Ey	Combination	Max	0.635016	1.466923	0.564004	0.000392	0.000190
1619	0.9D+1Ey	Combination	Min	-0.647544	-1.433261	-1.079146	-0.000382	-0.000182
1619	1D+0.5L	Combination		-0.006925	0.019127	-0.304925	5.984E-06	4.678E-06
1620	1.4D	Combination		0.020864	-0.001895	-0.409700	-0.000027	1.271E-06
1620	1.2D+1.6L	Combination		0.022656	-0.004151	-0.414173	-0.000036	2.023E-06
1620	1.2D+1L+1E	Combination	Max	2.507852	0.504978	0.757212	0.000093	0.000706
1620	1.2D+1L+1E	Combination	Min	-2.466119	-0.511385	-1.538307	-0.000154	-0.000703
1620	0.9D+1E	Combination	Max	2.500398	0.506964	0.884381	0.000106	0.000706
1620	0.9D+1E	Combination	Min	-2.473573	-0.509400	-1.411138	-0.000141	-0.000704
1620	1.2D+1L+1Ey	Combination	Max	0.666127	1.440016	0.431747	0.000314	0.000186
1620	1.2D+1L+1Ey	Combination	Min	-0.624394	-1.446423	-1.212842	-0.000375	-0.000182

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1620	0.9D+1Ey	Combination	Max	0.658673	1.442001	0.558916	0.000327	0.000185
1620	0.9D+1Ey	Combination	Min	-0.631848	-1.444438	-1.085674	-0.000362	-0.000183
1620	1D+0.5L	Combination		0.016394	-0.002143	-0.312331	-0.000023	1.200E-06
1621	1.4D	Combination		-0.010965	-0.036666	-0.411041	2.543E-07	6.572E-06
1621	1.2D+1.6L	Combination		-0.008703	-0.039754	-0.417079	6.470E-07	7.608E-06
1621	1.2D+1L+1E	Combination	Max	2.363512	0.487310	0.126162	0.000141	0.000691
1621	1.2D+1L+1E	Combination	Min	-2.381439	-0.560574	-0.911751	-0.000140	-0.000677
1621	0.9D+1E	Combination	Max	2.365426	0.500371	0.254716	0.000141	0.000688
1621	0.9D+1E	Combination	Min	-2.379525	-0.547513	-0.783198	-0.000141	-0.000679
1621	1.2D+1L+1Ey	Combination	Max	0.604219	1.413185	0.407168	0.000391	0.000184
1621	1.2D+1L+1Ey	Combination	Min	-0.622146	-1.486448	-1.192757	-0.000390	-0.000170
1621	0.9D+1Ey	Combination	Max	0.606134	1.426246	0.535722	0.000391	0.000181
1621	0.9D+1Ey	Combination	Min	-0.620232	-1.473387	-1.064203	-0.000391	-0.000172
1621	1D+0.5L	Combination		-0.007615	-0.028792	-0.313838	3.157E-07	5.311E-06
1622	1.4D	Combination		0.019138	-0.008580	-0.422239	0.000025	3.427E-06
1622	1.2D+1.6L	Combination		0.021923	-0.010902	-0.430681	0.000034	4.694E-06
1622	1.2D+1L+1E	Combination	Max	2.407436	0.499373	0.616420	0.000156	0.000668
1622	1.2D+1L+1E	Combination	Min	-2.367729	-0.518516	-1.426211	-0.000096	-0.000660
1622	0.9D+1E	Combination	Max	2.399885	0.503429	0.749876	0.000142	0.000666
1622	0.9D+1E	Combination	Min	-2.375279	-0.514461	-1.292755	-0.000110	-0.000662
1622	1.2D+1L+1Ey	Combination	Max	0.637719	1.435097	0.396523	0.000385	0.000177
1622	1.2D+1L+1Ey	Combination	Min	-0.598012	-1.454240	-1.206314	-0.000326	-0.000168
1622	0.9D+1Ey	Combination	Max	0.630169	1.439153	0.529979	0.000372	0.000175
1622	0.9D+1Ey	Combination	Min	-0.605562	-1.450185	-1.072857	-0.000339	-0.000170
1622	1D+0.5L	Combination		0.015395	-0.007237	-0.323087	0.000022	2.997E-06
1623	1.4D	Combination		0.015791	0.021921	-0.393816	4.244E-06	4.425E-08
1623	1.2D+1.6L	Combination		0.017855	0.024234	-0.400441	3.570E-06	-5.052E-07
1623	1.2D+1L+1E	Combination	Max	2.485906	1.070872	0.264892	0.000286	0.000683
1623	1.2D+1L+1E	Combination	Min	-2.453435	-1.026487	-1.018611	-0.000279	-0.000684
1623	0.9D+1E	Combination	Max	2.479822	1.062772	0.388584	0.000285	0.000684
1623	0.9D+1E	Combination	Min	-2.459519	-1.034587	-0.894919	-0.000280	-0.000684
1623	1.2D+1L+1Ey	Combination	Max	0.657600	1.549461	0.662621	0.000397	0.000177
1623	1.2D+1L+1Ey	Combination	Min	-0.625130	-1.505077	-1.416339	-0.000390	-0.000177
1623	0.9D+1Ey	Combination	Max	0.651517	1.541361	0.786313	0.000396	0.000177
1623	0.9D+1Ey	Combination	Min	-0.631213	-1.513177	-1.292647	-0.000391	-0.000177
1623	1D+0.5L	Combination		0.012629	0.017359	-0.300948	3.010E-06	-1.381E-07
1624	1.4D	Combination		0.050266	-0.036683	-0.397604	1.191E-06	-0.000011
1624	1.2D+1.6L	Combination		0.053433	-0.035128	-0.401189	1.151E-06	-0.000011
1624	1.2D+1L+1E	Combination	Max	2.358187	1.031817	0.528991	0.000299	0.000671
1624	1.2D+1L+1E	Combination	Min	-2.259082	-1.099309	-1.286080	-0.000297	-0.000692
1624	0.9D+1E	Combination	Max	2.340948	1.041981	0.651932	0.000298	0.000675
1624	0.9D+1E	Combination	Min	-2.276320	-1.089145	-1.163138	-0.000297	-0.000689
1624	1.2D+1L+1Ey	Combination	Max	0.650429	1.473273	0.346631	0.000414	0.000166
1624	1.2D+1L+1Ey	Combination	Min	-0.551324	-1.540766	-1.103719	-0.000411	-0.000187
1624	0.9D+1Ey	Combination	Max	0.633190	1.483437	0.469572	0.000413	0.000169
1624	0.9D+1Ey	Combination	Min	-0.568563	-1.530602	-0.980778	-0.000412	-0.000184
1624	1D+0.5L	Combination		0.039138	-0.027354	-0.302873	8.911E-07	-8.470E-06
1625	1.4D	Combination		0.047418	-0.026747	-0.434495	0.000019	-9.417E-06

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1625	1.2D+1.6L	Combination		0.055074	-0.030450	-0.446312	0.000026	-7.539E-06
1625	1.2D+1L+1E	Combination	Max	2.153877	0.645616	1.220217	0.000210	0.000548
1625	1.2D+1L+1E	Combination	Min	-2.054551	-0.700872	-2.057426	-0.000165	-0.000564
1625	0.9D+1E	Combination	Max	2.134697	0.656050	1.359504	0.000200	0.000550
1625	0.9D+1E	Combination	Min	-2.073731	-0.690438	-1.918139	-0.000175	-0.000562
1625	1.2D+1L+1Ey	Combination	Max	0.594649	1.412813	0.238559	0.000409	0.000140
1625	1.2D+1L+1Ey	Combination	Min	-0.495323	-1.468069	-1.075767	-0.000364	-0.000156
1625	0.9D+1Ey	Combination	Max	0.575469	1.423247	0.377845	0.000399	0.000142
1625	0.9D+1Ey	Combination	Min	-0.514503	-1.457635	-0.936481	-0.000374	-0.000154
1625	1D+0.5L	Combination		0.038379	-0.021456	-0.333443	0.000017	-6.560E-06
1626	1.4D	Combination		-0.018785	0.021794	-0.408356	7.648E-06	0.000022
1626	1.2D+1.6L	Combination		-0.012401	0.018649	-0.412147	9.079E-06	0.000024
1626	1.2D+1L+1E	Combination	Max	2.017608	0.773054	0.244919	0.000219	0.000625
1626	1.2D+1L+1E	Combination	Min	-2.045184	-0.735732	-1.022618	-0.000203	-0.000581
1626	0.9D+1E	Combination	Max	2.019320	0.768403	0.371254	0.000216	0.000617
1626	0.9D+1E	Combination	Min	-2.043472	-0.740383	-0.896283	-0.000206	-0.000589
1626	1.2D+1L+1Ey	Combination	Max	0.513401	1.434374	0.207799	0.000404	0.000179
1626	1.2D+1L+1Ey	Combination	Min	-0.540977	-1.397052	-0.985498	-0.000388	-0.000135
1626	0.9D+1Ey	Combination	Max	0.515113	1.429723	0.334134	0.000401	0.000171
1626	0.9D+1Ey	Combination	Min	-0.539265	-1.401703	-0.859163	-0.000391	-0.000142
1626	1D+0.5L	Combination		-0.012261	0.015557	-0.311098	6.251E-06	0.000017
1627	1.4D	Combination		0.019228	-0.048146	-0.440308	6.367E-06	-0.000046
1627	1.2D+1.6L	Combination		0.026863	-0.052712	-0.453691	9.123E-06	-0.000062
1627	1.2D+1L+1E	Combination	Max	2.108290	0.732679	0.367333	0.000215	0.000391
1627	1.2D+1L+1E	Combination	Min	-2.062351	-0.829519	-1.217501	-0.000200	-0.000498
1627	0.9D+1E	Combination	Max	2.097682	0.750148	0.509362	0.000211	0.000415
1627	0.9D+1E	Combination	Min	-2.072959	-0.812050	-1.075472	-0.000203	-0.000474
1627	1.2D+1L+1Ey	Combination	Max	0.565996	1.410027	0.757587	0.000397	0.000066
1627	1.2D+1L+1Ey	Combination	Min	-0.520056	-1.506867	-1.607755	-0.000382	-0.000173
1627	0.9D+1Ey	Combination	Max	0.555387	1.427496	0.899616	0.000393	0.000090
1627	0.9D+1Ey	Combination	Min	-0.530665	-1.489398	-1.465726	-0.000385	-0.000149
1627	1D+0.5L	Combination		0.016979	-0.037966	-0.338344	5.693E-06	-0.000040
1628	1.4D	Combination		0.030823	-0.009870	-0.391133	-0.000030	6.235E-06
1628	1.2D+1.6L	Combination		0.038007	-0.011920	-0.400138	-0.000040	8.652E-06
1628	1.2D+1L+1E	Combination	Max	2.151414	0.496865	0.592866	0.000090	0.000597
1628	1.2D+1L+1E	Combination	Min	-2.084091	-0.518110	-1.344481	-0.000159	-0.000582
1628	0.9D+1E	Combination	Max	2.137568	0.501143	0.717231	0.000105	0.000594
1628	0.9D+1E	Combination	Min	-2.097938	-0.513833	-1.220116	-0.000144	-0.000586
1628	1.2D+1L+1Ey	Combination	Max	0.582094	1.429927	0.459524	0.000318	0.000161
1628	1.2D+1L+1Ey	Combination	Min	-0.514771	-1.451172	-1.211139	-0.000387	-0.000146
1628	0.9D+1Ey	Combination	Max	0.568248	1.434204	0.583888	0.000333	0.000158
1628	0.9D+1Ey	Combination	Min	-0.528618	-1.446894	-1.086774	-0.000372	-0.000150
1628	1D+0.5L	Combination		0.025637	-0.008131	-0.299656	-0.000026	5.487E-06
1629	1.4D	Combination		0.000876	0.015936	-0.372808	5.456E-06	0.000011
1629	1.2D+1.6L	Combination		0.007551	0.013933	-0.376729	6.412E-06	0.000013
1629	1.2D+1L+1E	Combination	Max	2.104353	0.534516	0.091062	0.000144	0.000620
1629	1.2D+1L+1E	Combination	Min	-2.094350	-0.506856	-0.801636	-0.000133	-0.000597
1629	0.9D+1E	Combination	Max	2.099915	0.530930	0.206687	0.000142	0.000615

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1629	0.9D+1E	Combination	Min	-2.098788	-0.510442	-0.686011	-0.000135	-0.000602
1629	1.2D+1L+1Ey	Combination	Max	0.548496	1.467004	0.487049	0.000393	0.000169
1629	1.2D+1L+1Ey	Combination	Min	-0.538493	-1.439344	-1.197622	-0.000381	-0.000146
1629	0.9D+1Ey	Combination	Max	0.544058	1.463419	0.602673	0.000391	0.000164
1629	0.9D+1Ey	Combination	Min	-0.542931	-1.442930	-1.081998	-0.000384	-0.000151
1629	1D+0.5L	Combination		0.002751	0.011468	-0.284160	4.439E-06	8.709E-06
1630	1.4D	Combination		0.011278	-0.046606	-0.386431	2.164E-08	0.000011
1630	1.2D+1.6L	Combination		0.018743	-0.049600	-0.394059	8.297E-07	0.000013
1630	1.2D+1L+1E	Combination	Max	2.108334	0.475619	0.079442	0.000138	0.000613
1630	1.2D+1L+1E	Combination	Min	-2.077655	-0.567580	-0.820436	-0.000137	-0.000589
1630	0.9D+1E	Combination	Max	2.100245	0.491639	0.201519	0.000138	0.000608
1630	0.9D+1E	Combination	Min	-2.085745	-0.551560	-0.698358	-0.000138	-0.000594
1630	1.2D+1L+1Ey	Combination	Max	0.561274	1.406599	0.470805	0.000386	0.000168
1630	1.2D+1L+1Ey	Combination	Min	-0.530595	-1.498560	-1.211799	-0.000385	-0.000145
1630	0.9D+1Ey	Combination	Max	0.553185	1.422618	0.592882	0.000385	0.000163
1630	0.9D+1Ey	Combination	Min	-0.538685	-1.482540	-1.089721	-0.000385	-0.000149
1630	1D+0.5L	Combination		0.010892	-0.036306	-0.295657	2.690E-07	8.930E-06
1631	1.4D	Combination		0.038953	-0.015927	-0.405450	3.626E-06	7.271E-06
1631	1.2D+1.6L	Combination		0.047163	-0.017970	-0.418675	4.678E-06	0.000010
1631	1.2D+1L+1E	Combination	Max	2.151574	0.490906	0.567302	0.000145	0.000595
1631	1.2D+1L+1E	Combination	Min	-2.067579	-0.523608	-1.351292	-0.000137	-0.000578
1631	0.9D+1E	Combination	Max	2.134618	0.497018	0.698650	0.000144	0.000591
1631	0.9D+1E	Combination	Min	-2.084536	-0.517496	-1.219943	-0.000139	-0.000582
1631	1.2D+1L+1Ey	Combination	Max	0.591794	1.423147	0.442715	0.000400	0.000162
1631	1.2D+1L+1Ey	Combination	Min	-0.507799	-1.455848	-1.226705	-0.000392	-0.000145
1631	0.9D+1Ey	Combination	Max	0.574837	1.429259	0.574063	0.000398	0.000159
1631	0.9D+1Ey	Combination	Min	-0.524755	-1.449736	-1.095357	-0.000394	-0.000149
1631	1D+0.5L	Combination		0.032128	-0.012726	-0.311840	3.081E-06	6.382E-06
1632	1.4D	Combination		0.008430	0.009360	-0.329624	0.000014	0.000020
1632	1.2D+1.6L	Combination		0.016672	0.010907	-0.308030	0.000020	0.000021
1632	1.2D+1L+1E	Combination	Max	2.114301	0.828779	1.315024	0.000244	0.000573
1632	1.2D+1L+1E	Combination	Min	-2.088042	-0.809128	-1.911962	-0.000210	-0.000534
1632	0.9D+1E	Combination	Max	2.106590	0.824971	1.401592	0.000236	0.000567
1632	0.9D+1E	Combination	Min	-2.095752	-0.812937	-1.825395	-0.000217	-0.000541
1632	1.2D+1L+1Ey	Combination	Max	0.556646	1.415991	0.305849	0.000396	0.000168
1632	1.2D+1L+1Ey	Combination	Min	-0.530387	-1.396340	-0.902787	-0.000362	-0.000129
1632	0.9D+1Ey	Combination	Max	0.548936	1.412183	0.392417	0.000389	0.000161
1632	0.9D+1Ey	Combination	Min	-0.538097	-1.400149	-0.816219	-0.000370	-0.000135
1632	1D+0.5L	Combination		0.008973	0.007587	-0.243413	0.000013	0.000016
1633	1.4D	Combination		0.062521	0.033383	-0.353975	6.919E-07	-6.981E-06
1633	1.2D+1.6L	Combination		0.067919	0.034835	-0.339431	-5.337E-07	-4.346E-06
1633	1.2D+1L+1E	Combination	Max	2.091030	0.930582	0.348339	0.000252	0.000600
1633	1.2D+1L+1E	Combination	Min	-1.965939	-0.865578	-1.000183	-0.000252	-0.000610
1633	0.9D+1E	Combination	Max	2.068677	0.919540	0.446706	0.000253	0.000601
1633	0.9D+1E	Combination	Min	-1.988292	-0.876620	-0.901817	-0.000252	-0.000610
1633	1.2D+1L+1Ey	Combination	Max	0.591995	1.390790	0.230012	0.000386	0.000152

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1633	1.2D+1L+1Ey	Combination	Min	-0.466904	-1.325786	-0.881857	-0.000386	-0.000161
1633	0.9D+1Ey	Combination	Max	0.569641	1.379748	0.328379	0.000386	0.000152
1633	0.9D+1Ey	Combination	Min	-0.489257	-1.336828	-0.783490	-0.000385	-0.000161
1633	1D+0.5L	Combination		0.049136	0.025789	-0.264097	1.421E-07	-4.475E-06
1634	1.4D	Combination		0.009561	-0.032990	-0.348418	-5.074E-06	-1.333E-06
1634	1.2D+1.6L	Combination		0.018688	-0.028514	-0.330291	-5.622E-06	-1.338E-06
1634	1.2D+1L+1E	Combination	Max	2.106118	0.911947	0.614233	0.000244	0.000545
1634	1.2D+1L+1E	Combination	Min	-2.076611	-0.968798	-1.251079	-0.000254	-0.000548
1634	0.9D+1E	Combination	Max	2.097511	0.919164	0.708673	0.000245	0.000546
1634	0.9D+1E	Combination	Min	-2.085218	-0.961580	-1.156639	-0.000252	-0.000547
1634	1.2D+1L+1Ey	Combination	Max	0.559567	1.386635	0.868286	0.000375	0.000146
1634	1.2D+1L+1Ey	Combination	Min	-0.530061	-1.443486	-1.505132	-0.000385	-0.000148
1634	0.9D+1Ey	Combination	Max	0.550961	1.393852	0.962726	0.000377	0.000146
1634	0.9D+1Ey	Combination	Min	-0.538668	-1.436268	-1.410692	-0.000384	-0.000148
1634	1D+0.5L	Combination		0.010108	-0.023638	-0.258759	-4.022E-06	-1.013E-06
1635	1.4D	Combination		0.012571	0.006698	-0.481906	2.629E-06	0.000019
1635	1.2D+1.6L	Combination		0.016724	-0.007307	-0.455400	5.020E-06	0.000026
1635	1.2D+1L+1E	Combination	Max	5.098075	1.912313	0.445132	0.000356	0.000961
1635	1.2D+1L+1E	Combination	Min	-5.069089	-1.917141	-1.324179	-0.000348	-0.000916
1635	0.9D+1E	Combination	Max	5.091663	1.919033	0.574859	0.000354	0.000950
1635	0.9D+1E	Combination	Min	-5.075501	-1.910421	-1.194452	-0.000351	-0.000926
1635	1.2D+1L+1Ey	Combination	Max	1.333301	2.904946	1.017804	0.000533	0.000266
1635	1.2D+1L+1Ey	Combination	Min	-1.304314	-2.909774	-1.896852	-0.000525	-0.000221
1635	0.9D+1Ey	Combination	Max	1.326889	2.911666	1.147531	0.000531	0.000256
1635	0.9D+1Ey	Combination	Min	-1.310726	-2.903054	-1.767125	-0.000528	-0.000231
1635	1D+0.5L	Combination		0.010838	0.000707	-0.357449	2.743E-06	0.000017
1636	1.4D	Combination		-0.015429	-0.048517	-0.501407	4.454E-06	-6.250E-06
1636	1.2D+1.6L	Combination		-0.008907	-0.060148	-0.485070	7.431E-06	-4.614E-06
1636	1.2D+1L+1E	Combination	Max	4.782677	1.881504	0.773123	0.000373	0.000880
1636	1.2D+1L+1E	Combination	Min	-4.803730	-1.987878	-1.701794	-0.000360	-0.000890
1636	0.9D+1E	Combination	Max	4.783285	1.903501	0.915125	0.000369	0.000881
1636	0.9D+1E	Combination	Min	-4.803122	-1.965880	-1.559791	-0.000364	-0.000889
1636	1.2D+1L+1Ey	Combination	Max	1.228744	2.826968	0.416013	0.000548	0.000225
1636	1.2D+1L+1Ey	Combination	Min	-1.249797	-2.933342	-1.344684	-0.000536	-0.000235
1636	0.9D+1Ey	Combination	Max	1.229352	2.848966	0.558016	0.000545	0.000226
1636	0.9D+1Ey	Combination	Min	-1.249189	-2.911345	-1.202682	-0.000539	-0.000234
1636	1D+0.5L	Combination		-0.009671	-0.040455	-0.375427	4.311E-06	-4.232E-06
1637	1.4D	Combination		0.038356	-0.008177	-0.522151	-0.000013	0.000017
1637	1.2D+1.6L	Combination		0.043488	-0.019909	-0.511274	-0.000020	0.000018
1637	1.2D+1L+1E	Combination	Max	4.880600	1.639219	1.791233	0.000287	0.000918
1637	1.2D+1L+1E	Combination	Min	-4.801582	-1.669362	-2.765994	-0.000321	-0.000885
1637	0.9D+1E	Combination	Max	4.865748	1.649034	1.942945	0.000295	0.000913
1637	0.9D+1E	Combination	Min	-4.816434	-1.659547	-2.614282	-0.000313	-0.000891
1637	1.2D+1L+1Ey	Combination	Max	1.291126	2.898571	0.473422	0.000535	0.000250
1637	1.2D+1L+1Ey	Combination	Min	-1.212109	-2.928714	-1.448182	-0.000568	-0.000216
1637	0.9D+1Ey	Combination	Max	1.276275	2.908386	0.625134	0.000543	0.000244
1637	0.9D+1Ey	Combination	Min	-1.226961	-2.918899	-1.296471	-0.000560	-0.000222

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1637	1D+0.5L	Combination		0.030713	-0.009872	-0.392876	-0.000012	0.000013
1638	1.4D	Combination		0.002765	0.015085	-0.593542	2.167E-06	2.188E-06
1638	1.2D+1.6L	Combination		0.006710	0.009636	-0.597730	3.375E-06	2.822E-06
1638	1.2D+1L+1E	Combination	Max	5.091201	1.069567	0.079969	0.000197	0.000955
1638	1.2D+1L+1E	Combination	Min	-5.081037	-1.047824	-1.208694	-0.000191	-0.000950
1638	0.9D+1E	Combination	Max	5.087897	1.068393	0.262769	0.000195	0.000954
1638	0.9D+1E	Combination	Min	-5.084342	-1.048998	-1.025894	-0.000193	-0.000951
1638	1.2D+1L+1Ey	Combination	Max	1.325527	2.965746	0.583111	0.000544	0.000249
1638	1.2D+1L+1Ey	Combination	Min	-1.315363	-2.944003	-1.711837	-0.000539	-0.000244
1638	0.9D+1Ey	Combination	Max	1.322223	2.964572	0.765912	0.000543	0.000248
1638	0.9D+1Ey	Combination	Min	-1.318668	-2.945177	-1.529036	-0.000540	-0.000246
1638	1D+0.5L	Combination		0.003331	0.009745	-0.451765	2.022E-06	1.859E-06
1639	1.4D	Combination		0.033570	-0.011104	-0.604716	-0.000024	7.397E-06
1639	1.2D+1.6L	Combination		0.037810	-0.015963	-0.611326	-0.000033	8.676E-06
1639	1.2D+1L+1E	Combination	Max	5.139034	1.026974	0.966167	0.000137	0.000955
1639	1.2D+1L+1E	Combination	Min	-5.070192	-1.054066	-2.119070	-0.000194	-0.000939
1639	0.9D+1E	Combination	Max	5.126193	1.033382	1.153873	0.000150	0.000952
1639	0.9D+1E	Combination	Min	-5.083032	-1.047658	-1.931365	-0.000182	-0.000942
1639	1.2D+1L+1Ey	Combination	Max	1.357938	2.941430	0.588319	0.000433	0.000253
1639	1.2D+1L+1Ey	Combination	Min	-1.289095	-2.968523	-1.741222	-0.000490	-0.000238
1639	0.9D+1Ey	Combination	Max	1.345097	2.947838	0.776024	0.000445	0.000250
1639	0.9D+1Ey	Combination	Min	-1.301936	-2.962115	-1.553516	-0.000477	-0.000241
1639	1D+0.5L	Combination		0.026802	-0.009946	-0.461002	-0.000021	6.013E-06
1640	1.4D	Combination		0.003051	-0.044512	-0.610448	1.247E-06	3.490E-06
1640	1.2D+1.6L	Combination		0.008707	-0.050662	-0.619563	1.973E-06	4.684E-06
1640	1.2D+1L+1E	Combination	Max	4.889689	1.017452	0.129296	0.000197	0.000913
1640	1.2D+1L+1E	Combination	Min	-4.876844	-1.109395	-1.296180	-0.000194	-0.000905
1640	0.9D+1E	Combination	Max	4.885228	1.034809	0.320307	0.000197	0.000911
1640	0.9D+1E	Combination	Min	-4.881305	-1.092038	-1.105169	-0.000195	-0.000907
1640	1.2D+1L+1Ey	Combination	Max	1.267625	2.908994	0.533584	0.000546	0.000239
1640	1.2D+1L+1Ey	Combination	Min	-1.254780	-3.000936	-1.700468	-0.000542	-0.000231
1640	0.9D+1Ey	Combination	Max	1.263164	2.926350	0.724595	0.000545	0.000237
1640	0.9D+1Ey	Combination	Min	-1.259241	-2.983579	-1.509457	-0.000543	-0.000232
1640	1D+0.5L	Combination		0.004083	-0.035703	-0.466135	1.173E-06	3.022E-06
1641	1.4D	Combination		0.032938	-0.017076	-0.623845	0.000026	8.976E-06
1641	1.2D+1.6L	Combination		0.039118	-0.021976	-0.636244	0.000036	0.000011
1641	1.2D+1L+1E	Combination	Max	4.929736	1.021787	0.767905	0.000200	0.000899
1641	1.2D+1L+1E	Combination	Min	-4.859665	-1.060234	-1.964253	-0.000138	-0.000880
1641	0.9D+1E	Combination	Max	4.915875	1.030033	0.965036	0.000186	0.000895
1641	0.9D+1E	Combination	Min	-4.873526	-1.051988	-1.767122	-0.000152	-0.000884
1641	1.2D+1L+1Ey	Combination	Max	1.299889	2.936537	0.531816	0.000509	0.000240
1641	1.2D+1L+1Ey	Combination	Min	-1.229817	-2.974985	-1.728164	-0.000447	-0.000220
1641	0.9D+1Ey	Combination	Max	1.286027	2.944783	0.728947	0.000495	0.000236
1641	0.9D+1Ey	Combination	Min	-1.243679	-2.966738	-1.531033	-0.000461	-0.000224
1641	1D+0.5L	Combination		0.026929	-0.014491	-0.477328	0.000023	7.420E-06
1642	1.4D	Combination		0.028102	0.018691	-0.584087	-1.202E-07	1.925E-06
1642	1.2D+1.6L	Combination		0.032463	0.023134	-0.593558	-9.576E-07	1.565E-06
1642	1.2D+1L+1E	Combination	Max	5.115256	2.162888	0.313307	0.000378	0.000914

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1642	1.2D+1L+1E	Combination	Min	-5.056612	-2.121955	-1.430740	-0.000379	-0.000910
1642	0.9D+1E	Combination	Max	5.104000	2.154437	0.496539	0.000379	0.000913
1642	0.9D+1E	Combination	Min	-5.067868	-2.130406	-1.247508	-0.000379	-0.000911
1642	1.2D+1L+1Ey	Combination	Max	1.349034	3.114395	0.851801	0.000543	0.000238
1642	1.2D+1L+1Ey	Combination	Min	-1.290389	-3.073462	-1.969233	-0.000544	-0.000235
1642	0.9D+1Ey	Combination	Max	1.337777	3.105944	1.035032	0.000543	0.000237
1642	0.9D+1Ey	Combination	Min	-1.301646	-3.081913	-1.786001	-0.000543	-0.000235
1642	1D+0.5L	Combination		0.022690	0.015573	-0.446240	-3.529E-07	1.348E-06
1643	1.4D	Combination		0.063803	-0.036638	-0.588670	1.926E-06	0.000019
1643	1.2D+1.6L	Combination		0.070120	-0.032918	-0.594357	1.820E-06	0.000020
1643	1.2D+1L+1E	Combination	Max	4.865386	2.126622	0.671213	0.000402	0.000902
1643	1.2D+1L+1E	Combination	Min	-4.736720	-2.191321	-1.792590	-0.000398	-0.000864
1643	0.9D+1E	Combination	Max	4.842069	2.135419	0.853471	0.000401	0.000895
1643	0.9D+1E	Combination	Min	-4.760037	-2.182525	-1.610333	-0.000399	-0.000871
1643	1.2D+1L+1Ey	Combination	Max	1.307954	3.049060	0.450924	0.000567	0.000249
1643	1.2D+1L+1Ey	Combination	Min	-1.179289	-3.113760	-1.572301	-0.000563	-0.000212
1643	0.9D+1Ey	Combination	Max	1.284637	3.057857	0.633182	0.000566	0.000243
1643	0.9D+1Ey	Combination	Min	-1.202606	-3.104963	-1.390043	-0.000564	-0.000218
1643	1D+0.5L	Combination		0.050396	-0.026643	-0.448536	1.428E-06	0.000015
1644	1.4D	Combination		0.071774	-0.044928	-0.642166	0.000020	0.000025
1644	1.2D+1.6L	Combination		0.087484	-0.053795	-0.659455	0.000028	0.000028
1644	1.2D+1L+1E	Combination	Max	4.371119	1.327851	1.642593	0.000277	0.000828
1644	1.2D+1L+1E	Combination	Min	-4.215624	-1.423976	-2.879732	-0.000228	-0.000777
1644	0.9D+1E	Combination	Max	4.339512	1.347031	1.848341	0.000266	0.000818
1644	0.9D+1E	Combination	Min	-4.247232	-1.404796	-2.673983	-0.000240	-0.000787
1644	1.2D+1L+1Ey	Combination	Max	1.187941	2.904765	0.321289	0.000546	0.000233
1644	1.2D+1L+1Ey	Combination	Min	-1.032446	-3.000891	-1.558428	-0.000497	-0.000182
1644	0.9D+1Ey	Combination	Max	1.156334	2.923946	0.527037	0.000535	0.000224
1644	0.9D+1Ey	Combination	Min	-1.064054	-2.981710	-1.352680	-0.000509	-0.000192
1644	1D+0.5L	Combination		0.059380	-0.036868	-0.492761	0.000018	0.000020
1645	1.4D	Combination		0.006936	-0.002844	-0.605685	9.067E-06	-5.846E-06
1645	1.2D+1.6L	Combination		0.021412	-0.012132	-0.611697	0.000012	-3.713E-06
1645	1.2D+1L+1E	Combination	Max	4.248011	1.553313	0.283755	0.000303	0.000768
1645	1.2D+1L+1E	Combination	Min	-4.216787	-1.570307	-1.437745	-0.000283	-0.000776
1645	0.9D+1E	Combination	Max	4.236858	1.559982	0.471381	0.000299	0.000769
1645	0.9D+1E	Combination	Min	-4.227940	-1.563638	-1.250119	-0.000287	-0.000776
1645	1.2D+1L+1Ey	Combination	Max	1.111071	2.926503	0.254427	0.000563	0.000197
1645	1.2D+1L+1Ey	Combination	Min	-1.079848	-2.943496	-1.408417	-0.000543	-0.000206
1645	0.9D+1Ey	Combination	Max	1.099919	2.933171	0.442053	0.000559	0.000198
1645	0.9D+1Ey	Combination	Min	-1.091001	-2.936828	-1.220791	-0.000547	-0.000205
1645	1D+0.5L	Combination		0.009788	-0.005061	-0.461550	7.675E-06	-3.770E-06
1646	1.4D	Combination		0.048600	-0.068732	-0.651029	0.000015	-0.000047
1646	1.2D+1.6L	Combination		0.065356	-0.079344	-0.670389	0.000019	-0.000062
1646	1.2D+1L+1E	Combination	Max	4.349873	1.511030	0.491537	0.000308	0.000543
1646	1.2D+1L+1E	Combination	Min	-4.236935	-1.654394	-1.748042	-0.000274	-0.000651
1646	0.9D+1E	Combination	Max	4.324646	1.538528	0.701271	0.000301	0.000567
1646	0.9D+1E	Combination	Min	-4.262161	-1.626897	-1.538308	-0.000282	-0.000627

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1646	1.2D+1L+1Ey	Combination	Max	1.174144	2.897110	1.014263	0.000566	0.000106
1646	1.2D+1L+1Ey	Combination	Min	-1.061207	-3.040474	-2.270769	-0.000532	-0.000214
1646	0.9D+1Ey	Combination	Max	1.148918	2.924607	1.223997	0.000559	0.000130
1646	0.9D+1Ey	Combination	Min	-1.086433	-3.012977	-2.061035	-0.000540	-0.000190
1646	1D+0.5L	Combination		0.042120	-0.055479	-0.500135	0.000013	-0.000040
1647	1.4D	Combination		0.057724	-0.020155	-0.576453	-0.000031	0.000013
1647	1.2D+1.6L	Combination		0.072974	-0.024799	-0.589456	-0.000042	0.000017
1647	1.2D+1L+1E	Combination	Max	4.398590	1.017348	0.749312	0.000131	0.000806
1647	1.2D+1L+1E	Combination	Min	-4.270265	-1.061304	-1.856709	-0.000203	-0.000776
1647	0.9D+1E	Combination	Max	4.371536	1.026369	0.932434	0.000147	0.000800
1647	0.9D+1E	Combination	Min	-4.297319	-1.052283	-1.673587	-0.000187	-0.000783
1647	1.2D+1L+1Ey	Combination	Max	1.185095	2.928900	0.628950	0.000437	0.000220
1647	1.2D+1L+1Ey	Combination	Min	-1.056770	-2.972856	-1.736346	-0.000510	-0.000190
1647	0.9D+1Ey	Combination	Max	1.158041	2.937921	0.812072	0.000453	0.000213
1647	0.9D+1Ey	Combination	Min	-1.083824	-2.963835	-1.553225	-0.000494	-0.000196
1647	1D+0.5L	Combination		0.048574	-0.016747	-0.441550	-0.000027	0.000011
1648	1.4D	Combination		0.027542	0.002402	-0.553967	5.052E-06	7.845E-06
1648	1.2D+1.6L	Combination		0.042272	-0.002654	-0.560109	6.372E-06	0.000011
1648	1.2D+1L+1E	Combination	Max	4.354585	1.059336	0.084559	0.000200	0.000817
1648	1.2D+1L+1E	Combination	Min	-4.284040	-1.061109	-1.140817	-0.000189	-0.000798
1648	0.9D+1E	Combination	Max	4.337018	1.061767	0.256566	0.000198	0.000813
1648	0.9D+1E	Combination	Min	-4.301607	-1.058679	-0.968810	-0.000191	-0.000802
1648	1.2D+1L+1Ey	Combination	Max	1.152145	2.958913	0.650004	0.000548	0.000218
1648	1.2D+1L+1Ey	Combination	Min	-1.081600	-2.960686	-1.706262	-0.000537	-0.000200
1648	0.9D+1Ey	Combination	Max	1.134578	2.961343	0.822011	0.000546	0.000214
1648	0.9D+1Ey	Combination	Min	-1.099167	-2.958255	-1.534255	-0.000539	-0.000204
1648	1D+0.5L	Combination		0.025505	0.000243	-0.422341	4.247E-06	6.883E-06
1649	1.4D	Combination		0.041385	-0.056880	-0.572839	5.270E-06	9.728E-06
1649	1.2D+1.6L	Combination		0.057933	-0.062944	-0.584495	6.537E-06	0.000013
1649	1.2D+1L+1E	Combination	Max	4.354485	1.003064	0.068206	0.000199	0.000809
1649	1.2D+1L+1E	Combination	Min	-4.255463	-1.118309	-1.167078	-0.000188	-0.000787
1649	0.9D+1E	Combination	Max	4.331579	1.024121	0.249389	0.000197	0.000804
1649	0.9D+1E	Combination	Min	-4.278369	-1.097252	-0.985896	-0.000190	-0.000792
1649	1.2D+1L+1Ey	Combination	Max	1.170604	2.901654	0.628235	0.000547	0.000219
1649	1.2D+1L+1Ey	Combination	Min	-1.071582	-3.016900	-1.727108	-0.000535	-0.000196
1649	0.9D+1Ey	Combination	Max	1.147698	2.922711	0.809418	0.000544	0.000214
1649	0.9D+1Ey	Combination	Min	-1.094488	-2.995843	-1.545925	-0.000537	-0.000201
1649	1D+0.5L	Combination		0.036580	-0.045063	-0.438386	4.396E-06	8.390E-06
1650	1.4D	Combination		0.068848	-0.025489	-0.596906	5.963E-06	0.000013
1650	1.2D+1.6L	Combination		0.086138	-0.030122	-0.616186	7.468E-06	0.000017
1650	1.2D+1L+1E	Combination	Max	4.393806	1.012267	0.712703	0.000196	0.000801
1650	1.2D+1L+1E	Combination	Min	-4.241874	-1.066306	-1.866660	-0.000183	-0.000771
1650	0.9D+1E	Combination	Max	4.362099	1.022901	0.905956	0.000194	0.000794
1650	0.9D+1E	Combination	Min	-4.273581	-1.055673	-1.673407	-0.000186	-0.000777
1650	1.2D+1L+1Ey	Combination	Max	1.199923	2.923539	0.605582	0.000539	0.000220
1650	1.2D+1L+1Ey	Combination	Min	-1.047990	-2.977578	-1.759540	-0.000526	-0.000189

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1650	0.9D+1Ey	Combination	Max	1.168216	2.934172	0.798835	0.000536	0.000213
1650	0.9D+1Ey	Combination	Min	-1.079697	-2.966944	-1.566286	-0.000529	-0.000196
1650	1D+0.5L	Combination		0.057654	-0.020792	-0.459034	4.996E-06	0.000011
1651	1.4D	Combination		0.036826	0.011423	-0.488922	0.000015	-3.433E-06
1651	1.2D+1.6L	Combination		0.052796	0.014906	-0.457088	0.000021	-3.598E-07
1651	1.2D+1L+1E	Combination	Max	4.328149	1.692451	1.781743	0.000322	0.000800
1651	1.2D+1L+1E	Combination	Min	-4.238481	-1.666474	-2.667410	-0.000285	-0.000802
1651	0.9D+1E	Combination	Max	4.306988	1.686806	1.910269	0.000313	0.000799
1651	0.9D+1E	Combination	Min	-4.259641	-1.672119	-2.538884	-0.000294	-0.000803
1651	1.2D+1L+1Ey	Combination	Max	1.152940	2.916925	0.421139	0.000530	0.000206
1651	1.2D+1L+1Ey	Combination	Min	-1.063272	-2.890949	-1.306807	-0.000494	-0.000208
1651	0.9D+1Ey	Combination	Max	1.131779	2.911280	0.549666	0.000522	0.000205
1651	0.9D+1Ey	Combination	Min	-1.084432	-2.896594	-1.178280	-0.000502	-0.000209
1651	1D+0.5L	Combination		0.032939	0.009758	-0.361109	0.000013	-1.645E-06
1652	1.4D	Combination		0.089978	0.034626	-0.523763	-2.056E-06	0.000021
1652	1.2D+1.6L	Combination		0.103147	0.039124	-0.502168	-3.624E-06	0.000023
1652	1.2D+1L+1E	Combination	Max	4.315109	1.898890	0.435532	0.000349	0.000794
1652	1.2D+1L+1E	Combination	Min	-4.128332	-1.827725	-1.399947	-0.000354	-0.000751
1652	0.9D+1E	Combination	Max	4.279564	1.885567	0.581035	0.000350	0.000786
1652	0.9D+1E	Combination	Min	-4.163878	-1.841048	-1.254444	-0.000353	-0.000759
1652	1.2D+1L+1Ey	Combination	Max	1.189945	2.874780	0.289650	0.000540	0.000224
1652	1.2D+1L+1Ey	Combination	Min	-1.003168	-2.803615	-1.254065	-0.000546	-0.000181
1652	0.9D+1Ey	Combination	Max	1.154399	2.861457	0.435153	0.000542	0.000216
1652	0.9D+1Ey	Combination	Min	-1.038713	-2.816938	-1.108562	-0.000544	-0.000189
1652	1D+0.5L	Combination		0.072402	0.027684	-0.390750	-2.050E-06	0.000017
1653	1.4D	Combination		0.039853	-0.027883	-0.518751	-2.774E-07	6.781E-07
1653	1.2D+1.6L	Combination		0.057882	-0.020605	-0.492359	-1.507E-06	1.011E-06
1653	1.2D+1L+1E	Combination	Max	4.354038	1.875191	0.844808	0.000353	0.000731
1653	1.2D+1L+1E	Combination	Min	-4.256065	-1.918872	-1.793739	-0.000355	-0.000729
1653	0.9D+1E	Combination	Max	4.330671	1.879107	0.985791	0.000354	0.000731
1653	0.9D+1E	Combination	Min	-4.279432	-1.914957	-1.652756	-0.000354	-0.000730
1653	1.2D+1L+1Ey	Combination	Max	1.169778	2.863937	1.187140	0.000545	0.000196
1653	1.2D+1L+1Ey	Combination	Min	-1.071806	-2.907618	-2.136071	-0.000547	-0.000195
1653	0.9D+1Ey	Combination	Max	1.146412	2.867852	1.328123	0.000546	0.000196
1653	0.9D+1Ey	Combination	Min	-1.095172	-2.903702	-1.995088	-0.000547	-0.000195
1653	1D+0.5L	Combination		0.035880	-0.018887	-0.385447	-5.947E-07	6.188E-07
1654	1.4D	Combination		0.029761	-0.011274	-0.630345	8.018E-06	0.000021
1654	1.2D+1.6L	Combination		0.037306	-0.034115	-0.595931	0.000011	0.000028
1654	1.2D+1L+1E	Combination	Max	8.387729	3.133743	0.518870	0.000430	0.001148
1654	1.2D+1L+1E	Combination	Min	-8.321965	-3.183635	-1.669005	-0.000411	-0.001099
1654	0.9D+1E	Combination	Max	8.373979	3.151441	0.688716	0.000426	0.001137
1654	0.9D+1E	Combination	Min	-8.335715	-3.165936	-1.499160	-0.000415	-0.001110
1654	1.2D+1L+1Ey	Combination	Max	2.198415	4.784401	1.216404	0.000652	0.000315
1654	1.2D+1L+1Ey	Combination	Min	-2.132651	-4.834292	-2.366539	-0.000633	-0.000267
1654	0.9D+1Ey	Combination	Max	2.184665	4.802099	1.386249	0.000647	0.000304
1654	0.9D+1Ey	Combination	Min	-2.146401	-4.816594	-2.196693	-0.000637	-0.000278
1654	1D+0.5L	Combination		0.024944	-0.015694	-0.467632	6.957E-06	0.000018
1655	1.4D	Combination		0.002530	-0.064746	-0.658258	8.245E-06	0.000016

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1655	1.2D+1.6L	Combination		0.013618	-0.085320	-0.636975	0.000012	0.000018
1655	1.2D+1L+1E	Combination	Max	7.933075	3.102742	0.892763	0.000445	0.001112
1655	1.2D+1L+1E	Combination	Min	-7.914425	-3.251014	-2.112147	-0.000425	-0.001080
1655	0.9D+1E	Combination	Max	7.925377	3.135256	1.079290	0.000440	0.001106
1655	0.9D+1E	Combination	Min	-7.922123	-3.218501	-1.925621	-0.000430	-0.001085
1655	1.2D+1L+1Ey	Combination	Max	2.056197	4.714207	0.493293	0.000670	0.000299
1655	1.2D+1L+1Ey	Combination	Min	-2.037547	-4.862479	-1.712677	-0.000650	-0.000267
1655	0.9D+1Ey	Combination	Max	2.048498	4.746720	0.679819	0.000666	0.000293
1655	0.9D+1Ey	Combination	Min	-2.045245	-4.829965	-1.526150	-0.000655	-0.000273
1655	1D+0.5L	Combination		0.005385	-0.055567	-0.492920	7.355E-06	0.000013
1656	1.4D	Combination		0.055504	-0.025666	-0.686318	-0.000013	-1.959E-06
1656	1.2D+1.6L	Combination		0.065241	-0.045201	-0.672029	-0.000018	1.237E-07
1656	1.2D+1L+1E	Combination	Max	8.021280	2.698117	2.125997	0.000352	0.001057
1656	1.2D+1L+1E	Combination	Min	-7.904047	-2.771118	-3.407238	-0.000383	-0.001059
1656	0.9D+1E	Combination	Max	7.998345	2.718118	2.325413	0.000359	0.001057
1656	0.9D+1E	Combination	Min	-7.926982	-2.751117	-3.207822	-0.000375	-0.001059
1656	1.2D+1L+1Ey	Combination	Max	2.115764	4.782932	0.568906	0.000661	0.000274
1656	1.2D+1L+1Ey	Combination	Min	-1.998531	-4.855933	-1.850147	-0.000692	-0.000275
1656	0.9D+1Ey	Combination	Max	2.092829	4.802933	0.768322	0.000668	0.000273
1656	0.9D+1Ey	Combination	Min	-2.021466	-4.835932	-1.650731	-0.000685	-0.000276
1656	1D+0.5L	Combination		0.045167	-0.025583	-0.516401	-0.000011	-8.358E-07
1657	1.4D	Combination		0.020420	0.000324	-0.778488	7.157E-06	7.183E-06
1657	1.2D+1.6L	Combination		0.027755	-0.009302	-0.784153	8.780E-06	8.227E-06
1657	1.2D+1L+1E	Combination	Max	8.385023	1.741365	0.047215	0.000245	0.001150
1657	1.2D+1L+1E	Combination	Min	-8.337202	-1.752784	-1.527862	-0.000229	-0.001135
1657	0.9D+1E	Combination	Max	8.374239	1.747283	0.287082	0.000242	0.001147
1657	0.9D+1E	Combination	Min	-8.347986	-1.746866	-1.287995	-0.000232	-0.001137
1657	1.2D+1L+1Ey	Combination	Max	2.191694	4.863958	0.683554	0.000667	0.000303
1657	1.2D+1L+1Ey	Combination	Min	-2.143873	-4.875377	-2.164202	-0.000651	-0.000288
1657	0.9D+1Ey	Combination	Max	2.180911	4.869876	0.923421	0.000664	0.000300
1657	0.9D+1Ey	Combination	Min	-2.154657	-4.869459	-1.924335	-0.000654	-0.000291
1657	1D+0.5L	Combination		0.017789	-0.002762	-0.592587	5.939E-06	5.777E-06
1658	1.4D	Combination		0.049812	-0.024179	-0.793227	-0.000021	5.684E-06
1658	1.2D+1.6L	Combination		0.057438	-0.032616	-0.801950	-0.000029	7.155E-06
1658	1.2D+1L+1E	Combination	Max	8.426462	1.688304	1.091462	0.000177	0.001134
1658	1.2D+1L+1E	Combination	Min	-8.322643	-1.744618	-2.603831	-0.000227	-0.001122
1658	0.9D+1E	Combination	Max	8.406575	1.700917	1.337715	0.000189	0.001132
1658	0.9D+1E	Combination	Min	-8.342530	-1.732004	-2.357578	-0.000215	-0.001124
1658	1.2D+1L+1Ey	Combination	Max	2.221807	4.846199	0.699454	0.000536	0.000298
1658	1.2D+1L+1Ey	Combination	Min	-2.117988	-4.902513	-2.211823	-0.000585	-0.000286
1658	0.9D+1Ey	Combination	Max	2.201920	4.858813	0.945707	0.000547	0.000296
1658	0.9D+1Ey	Combination	Min	-2.137875	-4.889900	-1.965569	-0.000574	-0.000288
1658	1D+0.5L	Combination		0.040187	-0.020987	-0.604728	-0.000018	4.773E-06
1659	1.4D	Combination		0.022285	-0.057521	-0.801509	5.083E-06	8.153E-06
1659	1.2D+1.6L	Combination		0.032545	-0.067854	-0.813670	6.220E-06	9.886E-06
1659	1.2D+1L+1E	Combination	Max	8.046057	1.690074	0.106727	0.000244	0.001098
1659	1.2D+1L+1E	Combination	Min	-7.991049	-1.811869	-1.639071	-0.000233	-0.001080
1659	0.9D+1E	Combination	Max	8.032879	1.713994	0.357643	0.000242	0.001094

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1659	0.9D+1E	Combination	Min	-8.004226	-1.787949	-1.388155	-0.000235	-0.001083
1659	1.2D+1L+1Ey	Combination	Max	2.097407	4.808812	0.620822	0.000668	0.000290
1659	1.2D+1L+1Ey	Combination	Min	-2.042399	-4.930607	-2.153165	-0.000657	-0.000272
1659	0.9D+1Ey	Combination	Max	2.084229	4.832732	0.871738	0.000665	0.000286
1659	0.9D+1Ey	Combination	Min	-2.055577	-4.906687	-1.902250	-0.000659	-0.000276
1659	1D+0.5L	Combination		0.020119	-0.046883	-0.612088	4.213E-06	6.729E-06
1660	1.4D	Combination		0.050938	-0.030061	-0.818961	0.000023	8.001E-06
1660	1.2D+1.6L	Combination		0.061712	-0.038550	-0.835219	0.000032	0.000010
1660	1.2D+1L+1E	Combination	Max	8.081719	1.682905	0.845852	0.000233	0.001070
1660	1.2D+1L+1E	Combination	Min	-7.971832	-1.750417	-2.416351	-0.000178	-0.001052
1660	0.9D+1E	Combination	Max	8.059521	1.697336	1.104627	0.000220	0.001066
1660	0.9D+1E	Combination	Min	-7.994030	-1.735986	-2.157577	-0.000191	-0.001056
1660	1.2D+1L+1Ey	Combination	Max	2.127604	4.840639	0.619836	0.000609	0.000283
1660	1.2D+1L+1Ey	Combination	Min	-2.017717	-4.908151	-2.190335	-0.000554	-0.000265
1660	0.9D+1Ey	Combination	Max	2.105406	4.855070	0.878611	0.000596	0.000279
1660	0.9D+1Ey	Combination	Min	-2.039915	-4.893720	-1.931560	-0.000567	-0.000269
1660	1D+0.5L	Combination		0.042025	-0.025467	-0.626614	0.000020	6.751E-06
1661	1.4D	Combination		0.044929	0.014533	-0.765133	3.149E-06	2.711E-06
1661	1.2D+1.6L	Combination		0.052585	0.021481	-0.777174	2.188E-06	2.604E-06
1661	1.2D+1L+1E	Combination	Max	8.404564	3.515235	0.321276	0.000450	0.001094
1661	1.2D+1L+1E	Combination	Min	-8.309951	-3.479042	-1.784615	-0.000445	-0.001089
1661	0.9D+1E	Combination	Max	8.386141	3.506481	0.561075	0.000450	0.001094
1661	0.9D+1E	Combination	Min	-8.328375	-3.487796	-1.544817	-0.000446	-0.001090
1661	1.2D+1L+1Ey	Combination	Max	2.213759	5.089454	0.968859	0.000656	0.000285
1661	1.2D+1L+1Ey	Combination	Min	-2.119145	-5.053261	-2.432198	-0.000651	-0.000280
1661	0.9D+1Ey	Combination	Max	2.195335	5.080700	1.208657	0.000656	0.000284
1661	0.9D+1Ey	Combination	Min	-2.137569	-5.062015	-2.192399	-0.000652	-0.000281
1661	1D+0.5L	Combination		0.036490	0.013200	-0.584444	2.090E-06	2.024E-06
1662	1.4D	Combination		0.082055	-0.038881	-0.772726	3.865E-06	-2.734E-06
1662	1.2D+1.6L	Combination		0.092773	-0.032636	-0.780598	3.653E-06	-1.206E-06
1662	1.2D+1L+1E	Combination	Max	8.016639	3.479846	0.749759	0.000474	0.001091
1662	1.2D+1L+1E	Combination	Min	-7.847923	-3.545635	-2.222259	-0.000467	-0.001094
1662	0.9D+1E	Combination	Max	7.985031	3.487745	0.989256	0.000473	0.001091
1662	0.9D+1E	Combination	Min	-7.879532	-3.537735	-1.982761	-0.000468	-0.001094
1662	1.2D+1L+1Ey	Combination	Max	2.134934	5.031433	0.523710	0.000685	0.000280
1662	1.2D+1L+1Ey	Combination	Min	-1.966218	-5.097222	-1.996210	-0.000678	-0.000283
1662	0.9D+1Ey	Combination	Max	2.103326	5.039332	0.763207	0.000684	0.000280
1662	0.9D+1Ey	Combination	Min	-1.997826	-5.089322	-1.756712	-0.000679	-0.000283
1662	1D+0.5L	Combination		0.065623	-0.027556	-0.588904	2.867E-06	-1.598E-06
1663	1.4D	Combination		0.104497	-0.069664	-0.841934	0.000022	2.482E-06
1663	1.2D+1.6L	Combination		0.130731	-0.085766	-0.864411	0.000031	6.146E-06
1663	1.2D+1L+1E	Combination	Max	7.165969	2.195770	1.949786	0.000336	0.000939
1663	1.2D+1L+1E	Combination	Min	-6.935378	-2.347762	-3.571543	-0.000283	-0.000930
1663	0.9D+1E	Combination	Max	7.117850	2.226982	2.219422	0.000324	0.000936
1663	0.9D+1E	Combination	Min	-6.983497	-2.316550	-3.301908	-0.000295	-0.000933
1663	1.2D+1L+1Ey	Combination	Max	1.937785	4.807641	0.373164	0.000666	0.000247

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1663	1.2D+1L+1Ey	Combination	Min	-1.707195	-4.959633	-1.994920	-0.000613	-0.000238
1663	0.9D+1Ey	Combination	Max	1.889666	4.838853	0.642799	0.000654	0.000244
1663	0.9D+1Ey	Combination	Min	-1.755314	-4.928421	-1.725285	-0.000625	-0.000241
1663	1D+0.5L	Combination		0.087504	-0.057902	-0.645992	0.000019	3.028E-06
1664	1.4D	Combination		0.040712	-0.033322	-0.796007	0.000010	0.000021
1664	1.2D+1.6L	Combination		0.065699	-0.051039	-0.804330	0.000013	0.000024
1664	1.2D+1L+1E	Combination	Max	7.054103	2.545257	0.279451	0.000366	0.000987
1664	1.2D+1L+1E	Combination	Min	-6.945807	-2.630477	-1.796583	-0.000343	-0.000943
1664	0.9D+1E	Combination	Max	7.026127	2.566446	0.526298	0.000361	0.000979
1664	0.9D+1E	Combination	Min	-6.973783	-2.609289	-1.549736	-0.000348	-0.000952
1664	1.2D+1L+1Ey	Combination	Max	1.864052	4.831810	0.276133	0.000684	0.000271
1664	1.2D+1L+1Ey	Combination	Min	-1.755756	-4.917030	-1.793264	-0.000662	-0.000228
1664	0.9D+1Ey	Combination	Max	1.836076	4.852999	0.522980	0.000680	0.000263
1664	0.9D+1Ey	Combination	Min	-1.783732	-4.895842	-1.546417	-0.000667	-0.000236
1664	1D+0.5L	Combination		0.038706	-0.030825	-0.606714	8.584E-06	0.000017
1665	1.4D	Combination		0.086445	-0.097049	-0.850593	0.000014	-0.000044
1665	1.2D+1.6L	Combination		0.115086	-0.116061	-0.875513	0.000019	-0.000059
1665	1.2D+1L+1E	Combination	Max	7.154686	2.501673	0.578604	0.000367	0.000668
1665	1.2D+1L+1E	Combination	Min	-6.955257	-2.709137	-2.219806	-0.000334	-0.000770
1665	0.9D+1E	Combination	Max	7.110543	2.543016	0.852395	0.000360	0.000690
1665	0.9D+1E	Combination	Min	-6.999400	-2.667793	-1.946015	-0.000342	-0.000747
1665	1.2D+1L+1Ey	Combination	Max	1.935251	4.797983	1.203844	0.000682	0.000142
1665	1.2D+1L+1Ey	Combination	Min	-1.735822	-5.005447	-2.845046	-0.000649	-0.000244
1665	0.9D+1Ey	Combination	Max	1.891108	4.839326	1.477635	0.000675	0.000165
1665	0.9D+1Ey	Combination	Min	-1.779964	-4.964103	-2.571255	-0.000656	-0.000222
1665	1D+0.5L	Combination		0.074556	-0.079594	-0.653327	0.000012	-0.000038
1666	1.4D	Combination		0.090765	-0.033835	-0.755312	-0.000030	0.000012
1666	1.2D+1.6L	Combination		0.116507	-0.042094	-0.772180	-0.000041	0.000016
1666	1.2D+1L+1E	Combination	Max	7.205693	1.678078	0.840607	0.000168	0.000958
1666	1.2D+1L+1E	Combination	Min	-7.001711	-1.752446	-2.291390	-0.000238	-0.000930
1666	0.9D+1E	Combination	Max	7.162051	1.693511	1.080441	0.000184	0.000952
1666	0.9D+1E	Combination	Min	-7.045353	-1.737013	-2.051556	-0.000223	-0.000936
1666	1.2D+1L+1Ey	Combination	Max	1.938158	4.833167	0.751551	0.000541	0.000259
1666	1.2D+1L+1Ey	Combination	Min	-1.734175	-4.907535	-2.202334	-0.000612	-0.000230
1666	0.9D+1Ey	Combination	Max	1.894515	4.848600	0.991385	0.000557	0.000252
1666	0.9D+1Ey	Combination	Min	-1.777817	-4.892102	-1.962500	-0.000596	-0.000236
1666	1D+0.5L	Combination		0.076929	-0.028259	-0.578499	-0.000026	0.000011
1667	1.4D	Combination		0.061978	-0.014007	-0.727750	5.745E-06	0.000013
1667	1.2D+1.6L	Combination		0.087209	-0.023306	-0.736173	7.448E-06	0.000017
1667	1.2D+1L+1E	Combination	Max	7.166542	1.728530	0.055411	0.000243	0.000983
1667	1.2D+1L+1E	Combination	Min	-7.017688	-1.766667	-1.443466	-0.000230	-0.000953
1667	0.9D+1E	Combination	Max	7.131958	1.738594	0.281599	0.000240	0.000977
1667	0.9D+1E	Combination	Min	-7.052272	-1.756603	-1.217278	-0.000233	-0.000960
1667	1.2D+1L+1Ey	Combination	Max	1.907319	4.858741	0.769393	0.000666	0.000265
1667	1.2D+1L+1Ey	Combination	Min	-1.758464	-4.896879	-2.157448	-0.000653	-0.000235
1667	0.9D+1Ey	Combination	Max	1.872735	4.868805	0.995581	0.000663	0.000259
1667	0.9D+1Ey	Combination	Min	-1.793049	-4.886815	-1.931260	-0.000656	-0.000241

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1667	1D+0.5L	Combination		0.054922	-0.013536	-0.554942	4.892E-06	0.000011
1668	1.4D	Combination		0.079700	-0.071551	-0.751971	4.879E-06	0.000015
1668	1.2D+1.6L	Combination		0.108133	-0.081883	-0.767669	6.514E-06	0.000019
1668	1.2D+1L+1E	Combination	Max	7.160278	1.673904	0.036104	0.000241	0.000972
1668	1.2D+1L+1E	Combination	Min	-6.973875	-1.822254	-1.479100	-0.000230	-0.000939
1668	0.9D+1E	Combination	Max	7.118313	1.702082	0.274192	0.000239	0.000965
1668	0.9D+1E	Combination	Min	-7.015841	-1.794076	-1.241011	-0.000233	-0.000946
1668	1.2D+1L+1Ey	Combination	Max	1.932115	4.803653	0.742688	0.000663	0.000265
1668	1.2D+1L+1Ey	Combination	Min	-1.745712	-4.952003	-2.185684	-0.000652	-0.000232
1668	0.9D+1Ey	Combination	Max	1.890149	4.831832	0.980777	0.000661	0.000258
1668	0.9D+1Ey	Combination	Min	-1.787678	-4.923825	-1.947596	-0.000655	-0.000239
1668	1D+0.5L	Combination		0.069372	-0.057531	-0.575598	4.214E-06	0.000012
1669	1.4D	Combination		0.106006	-0.039030	-0.781413	7.492E-06	0.000014
1669	1.2D+1.6L	Combination		0.135164	-0.047294	-0.806536	9.383E-06	0.000018
1669	1.2D+1L+1E	Combination	Max	7.194863	1.673483	0.790880	0.000239	0.000953
1669	1.2D+1L+1E	Combination	Min	-6.957761	-1.757691	-2.301387	-0.000222	-0.000922
1669	0.9D+1E	Combination	Max	7.144459	1.690496	1.043796	0.000236	0.000946
1669	0.9D+1E	Combination	Min	-7.008165	-1.740677	-2.048471	-0.000226	-0.000929
1669	1.2D+1L+1Ey	Combination	Max	1.959342	4.829003	0.721629	0.000657	0.000260
1669	1.2D+1L+1Ey	Combination	Min	-1.722239	-4.913211	-2.232136	-0.000640	-0.000228
1669	0.9D+1Ey	Combination	Max	1.908938	4.846016	0.974545	0.000654	0.000253
1669	0.9D+1Ey	Combination	Min	-1.772644	-4.896197	-1.979219	-0.000644	-0.000235
1669	1D+0.5L	Combination		0.089563	-0.032203	-0.600888	6.277E-06	0.000012
1670	1.4D	Combination		0.072298	0.012049	-0.643369	0.000015	0.000020
1670	1.2D+1.6L	Combination		0.098533	0.017823	-0.601753	0.000022	0.000022
1670	1.2D+1L+1E	Combination	Max	7.117902	2.783725	2.131618	0.000389	0.000952
1670	1.2D+1L+1E	Combination	Min	-6.948259	-2.753700	-3.297404	-0.000352	-0.000911
1670	0.9D+1E	Combination	Max	7.079558	2.776458	2.300916	0.000380	0.000944
1670	0.9D+1E	Combination	Min	-6.986603	-2.760966	-3.128106	-0.000360	-0.000919
1670	1.2D+1L+1Ey	Combination	Max	1.903889	4.828757	0.505793	0.000646	0.000263
1670	1.2D+1L+1Ey	Combination	Min	-1.734246	-4.798732	-1.671578	-0.000609	-0.000222
1670	0.9D+1Ey	Combination	Max	1.865545	4.821490	0.675091	0.000638	0.000255
1670	0.9D+1Ey	Combination	Min	-1.772590	-4.805998	-1.502280	-0.000618	-0.000230
1670	1D+0.5L	Combination		0.063067	0.010949	-0.475266	0.000014	0.000016
1671	1.4D	Combination		0.124575	0.036931	-0.686146	-1.790E-06	2.637E-06
1671	1.2D+1.6L	Combination		0.148067	0.045051	-0.657755	-3.364E-06	6.656E-06
1671	1.2D+1L+1E	Combination	Max	7.113924	3.129195	0.477065	0.000420	0.000973
1671	1.2D+1L+1E	Combination	Min	-6.848757	-3.049140	-1.740352	-0.000426	-0.000963
1671	0.9D+1E	Combination	Max	7.061424	3.112909	0.667614	0.000422	0.000970
1671	0.9D+1E	Combination	Min	-6.901257	-3.065426	-1.549802	-0.000424	-0.000966
1671	1.2D+1L+1Ey	Combination	Max	1.941782	4.779072	0.324544	0.000658	0.000255
1671	1.2D+1L+1Ey	Combination	Min	-1.676614	-4.699017	-1.587831	-0.000664	-0.000245
1671	0.9D+1Ey	Combination	Max	1.889282	4.762786	0.515093	0.000660	0.000252
1671	0.9D+1Ey	Combination	Min	-1.729114	-4.715303	-1.397282	-0.000662	-0.000248
1671	1D+0.5L	Combination		0.101885	0.030565	-0.511864	-1.850E-06	3.257E-06
1672	1.4D	Combination		0.078122	-0.023940	-0.681699	-1.612E-06	2.062E-06
1672	1.2D+1.6L	Combination		0.107941	-0.013173	-0.647785	-2.727E-06	2.703E-06
1672	1.2D+1L+1E	Combination	Max	7.162899	3.101965	1.025339	0.000421	0.000879

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1672	1.2D+1L+1E	Combination	Min	-6.977752	-3.133821	-2.273305	-0.000426	-0.000875
1672	0.9D+1E	Combination	Max	7.120547	3.102504	1.211087	0.000423	0.000878
1672	0.9D+1E	Combination	Min	-7.020105	-3.133283	-2.087557	-0.000425	-0.000876
1672	1.2D+1L+1Ey	Combination	Max	1.932059	4.762563	1.437499	0.000659	0.000238
1672	1.2D+1L+1Ey	Combination	Min	-1.746912	-4.794419	-2.685466	-0.000663	-0.000233
1672	0.9D+1Ey	Combination	Max	1.889707	4.763101	1.623247	0.000660	0.000237
1672	0.9D+1Ey	Combination	Min	-1.789264	-4.793880	-2.499718	-0.000662	-0.000234
1672	1D+0.5L	Combination		0.068607	-0.014804	-0.506763	-1.572E-06	1.766E-06
1673	1.4D	Combination		0.051719	-0.035819	-0.772657	7.964E-06	0.000022
1673	1.2D+1.6L	Combination		0.063576	-0.069534	-0.730786	0.000012	0.000030
1673	1.2D+1L+1E	Combination	Max	12.188959	4.543710	0.563867	0.000487	0.001290
1673	1.2D+1L+1E	Combination	Min	-12.076240	-4.653654	-1.974058	-0.000468	-0.001238
1673	0.9D+1E	Combination	Max	12.165848	4.575655	0.772255	0.000483	0.001278
1673	0.9D+1E	Combination	Min	-12.099351	-4.621709	-1.765671	-0.000472	-0.001250
1673	1.2D+1L+1Ey	Combination	Max	3.198423	7.010587	1.360563	0.000761	0.000353
1673	1.2D+1L+1Ey	Combination	Min	-3.085704	-7.120531	-2.770753	-0.000741	-0.000301
1673	0.9D+1Ey	Combination	Max	3.175312	7.042532	1.568950	0.000756	0.000341
1673	0.9D+1Ey	Combination	Min	-3.108816	-7.088586	-2.562366	-0.000746	-0.000313
1673	1D+0.5L	Combination		0.042957	-0.037720	-0.573307	7.150E-06	0.000019
1674	1.4D	Combination		0.027625	-0.086981	-0.809241	8.493E-06	1.975E-06
1674	1.2D+1.6L	Combination		0.044407	-0.118560	-0.783264	0.000013	4.253E-06
1674	1.2D+1L+1E	Combination	Max	11.587326	4.512458	0.964491	0.000504	0.001221
1674	1.2D+1L+1E	Combination	Min	-11.514059	-4.716575	-2.463798	-0.000482	-0.001215
1674	0.9D+1E	Combination	Max	11.568452	4.558600	1.193918	0.000498	0.001219
1674	0.9D+1E	Combination	Min	-11.532934	-4.670433	-2.234370	-0.000487	-0.001217
1674	1.2D+1L+1Ey	Combination	Max	3.018305	6.948729	0.550400	0.000783	0.000318
1674	1.2D+1L+1Ey	Combination	Min	-2.945037	-7.152845	-2.049707	-0.000761	-0.000311
1674	0.9D+1Ey	Combination	Max	2.999430	6.994870	0.779828	0.000777	0.000316
1674	0.9D+1Ey	Combination	Min	-2.963912	-7.106703	-1.820280	-0.000767	-0.000313
1674	1D+0.5L	Combination		0.026210	-0.075881	-0.606038	7.786E-06	2.211E-06
1675	1.4D	Combination		0.077160	-0.048455	-0.844107	-0.000010	0.000016
1675	1.2D+1.6L	Combination		0.092695	-0.077648	-0.826570	-0.000016	0.000018
1675	1.2D+1L+1E	Combination	Max	11.660882	3.925759	2.356498	0.000402	0.001236
1675	1.2D+1L+1E	Combination	Min	-11.495411	-4.053969	-3.932350	-0.000428	-0.001203
1675	0.9D+1E	Combination	Max	11.627749	3.958715	2.601784	0.000409	0.001230
1675	0.9D+1E	Combination	Min	-11.528544	-4.021014	-3.687064	-0.000422	-0.001210
1675	1.2D+1L+1Ey	Combination	Max	3.071976	7.011450	0.633933	0.000764	0.000331
1675	1.2D+1L+1Ey	Combination	Min	-2.906505	-7.139660	-2.209785	-0.000790	-0.000298
1675	0.9D+1Ey	Combination	Max	3.038843	7.044406	0.879219	0.000771	0.000325
1675	0.9D+1Ey	Combination	Min	-2.939638	-7.106705	-1.964499	-0.000784	-0.000304
1675	1D+0.5L	Combination		0.063413	-0.045897	-0.635137	-9.489E-06	0.000013
1676	1.4D	Combination		0.042910	-0.018917	-0.956221	6.093E-06	6.478E-06
1676	1.2D+1.6L	Combination		0.054560	-0.033837	-0.963344	8.025E-06	7.713E-06
1676	1.2D+1L+1E	Combination	Max	12.186582	2.532209	-0.002630	0.000283	0.001290
1676	1.2D+1L+1E	Combination	Min	-12.090797	-2.586665	-1.816264	-0.000269	-0.001276
1676	0.9D+1E	Combination	Max	12.166275	2.547276	0.292103	0.000280	0.001287
1676	0.9D+1E	Combination	Min	-12.111105	-2.571598	-1.521531	-0.000272	-0.001279

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1676	1.2D+1L+1Ey	Combination	Max	3.191875	7.101413	0.746629	0.000774	0.000338
1676	1.2D+1L+1Ey	Combination	Min	-3.096090	-7.155870	-2.565522	-0.000760	-0.000324
1676	0.9D+1Ey	Combination	Max	3.171567	7.116481	1.041362	0.000771	0.000336
1676	0.9D+1Ey	Combination	Min	-3.116397	-7.140803	-2.270789	-0.000763	-0.000327
1676	1D+0.5L	Combination		0.036206	-0.019019	-0.727930	5.228E-06	5.302E-06
1677	1.4D	Combination		0.071132	-0.041178	-0.974181	-0.000016	9.568E-06
1677	1.2D+1.6L	Combination		0.083064	-0.054203	-0.984980	-0.000024	0.000011
1677	1.2D+1L+1E	Combination	Max	12.222834	2.466000	1.151432	0.000211	0.001283
1677	1.2D+1L+1E	Combination	Min	-12.073277	-2.560226	-3.008917	-0.000252	-0.001263
1677	0.9D+1E	Combination	Max	12.193783	2.486641	1.453915	0.000221	0.001279
1677	0.9D+1E	Combination	Min	-12.102328	-2.539585	-2.706434	-0.000242	-0.001267
1677	1.2D+1L+1Ey	Combination	Max	3.220060	7.089082	0.771749	0.000623	0.000339
1677	1.2D+1L+1Ey	Combination	Min	-3.070503	-7.183307	-2.629234	-0.000664	-0.000319
1677	0.9D+1Ey	Combination	Max	3.191009	7.109723	1.074232	0.000633	0.000335
1677	0.9D+1Ey	Combination	Min	-3.099554	-7.162666	-2.326751	-0.000654	-0.000323
1677	1D+0.5L	Combination		0.057713	-0.035322	-0.742709	-0.000015	7.845E-06
1678	1.4D	Combination		0.046858	-0.074374	-0.985235	4.499E-06	8.040E-06
1678	1.2D+1.6L	Combination		0.062861	-0.089993	-1.000405	5.956E-06	0.000010
1678	1.2D+1L+1E	Combination	Max	11.693240	2.482436	0.064076	0.000282	0.001235
1678	1.2D+1L+1E	Combination	Min	-11.584541	-2.642739	-1.947948	-0.000272	-0.001217
1678	0.9D+1E	Combination	Max	11.669013	2.514776	0.372647	0.000280	0.001231
1678	0.9D+1E	Combination	Min	-11.608767	-2.610399	-1.639378	-0.000274	-0.001221
1678	1.2D+1L+1Ey	Combination	Max	3.057244	7.048705	0.672527	0.000775	0.000325
1678	1.2D+1L+1Ey	Combination	Min	-2.948544	-7.209008	-2.556399	-0.000765	-0.000307
1678	0.9D+1Ey	Combination	Max	3.033017	7.081045	0.981098	0.000773	0.000321
1678	0.9D+1Ey	Combination	Min	-2.972771	-7.176668	-2.247829	-0.000767	-0.000311
1678	1D+0.5L	Combination		0.040563	-0.061325	-0.752464	3.869E-06	6.722E-06
1679	1.4D	Combination		0.074395	-0.046870	-1.006402	0.000020	0.000012
1679	1.2D+1.6L	Combination		0.090901	-0.059953	-1.026431	0.000030	0.000014
1679	1.2D+1L+1E	Combination	Max	11.725278	2.460573	0.868888	0.000260	0.001211
1679	1.2D+1L+1E	Combination	Min	-11.563827	-2.565645	-2.798900	-0.000211	-0.001185
1679	0.9D+1E	Combination	Max	11.692377	2.482978	1.186921	0.000248	0.001205
1679	0.9D+1E	Combination	Min	-11.596727	-2.543240	-2.480866	-0.000223	-0.001190
1679	1.2D+1L+1Ey	Combination	Max	3.085644	7.083212	0.668963	0.000692	0.000322
1679	1.2D+1L+1Ey	Combination	Min	-2.924193	-7.188284	-2.598975	-0.000643	-0.000297
1679	0.9D+1Ey	Combination	Max	3.052744	7.105617	0.986996	0.000680	0.000317
1679	0.9D+1Ey	Combination	Min	-2.957093	-7.165879	-2.280941	-0.000655	-0.000302
1679	1D+0.5L	Combination		0.061618	-0.039660	-0.770046	0.000018	9.626E-06
1680	1.4D	Combination		0.066439	0.007855	-0.938481	2.754E-06	4.540E-06
1680	1.2D+1.6L	Combination		0.078348	0.017442	-0.952871	1.773E-06	4.656E-06
1680	1.2D+1L+1E	Combination	Max	12.205210	5.059414	0.296709	0.000504	0.001233
1680	1.2D+1L+1E	Combination	Min	-12.064564	-5.032562	-2.091107	-0.000500	-0.001224
1680	0.9D+1E	Combination	Max	12.177598	5.051037	0.590599	0.000504	0.001232
1680	0.9D+1E	Combination	Min	-12.092176	-5.040938	-1.797217	-0.000501	-0.001226
1680	1.2D+1L+1Ey	Combination	Max	3.213031	7.397060	1.027311	0.000755	0.000322
1680	1.2D+1L+1Ey	Combination	Min	-3.072385	-7.370208	-2.821710	-0.000751	-0.000313

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1680	0.9D+1Ey	Combination	Max	3.185419	7.388683	1.321201	0.000754	0.000321
1680	0.9D+1Ey	Combination	Min	-3.099997	-7.378584	-2.527820	-0.000751	-0.000315
1680	1D+0.5L	Combination		0.054144	0.008957	-0.716737	1.784E-06	3.482E-06
1681	1.4D	Combination		0.103368	-0.043325	-0.949983	3.572E-06	0.000017
1681	1.2D+1.6L	Combination		0.119649	-0.034417	-0.960089	3.367E-06	0.000019
1681	1.2D+1L+1E	Combination	Max	11.666631	5.024718	0.779781	0.000530	0.001231
1681	1.2D+1L+1E	Combination	Min	-11.450619	-5.095591	-2.590595	-0.000523	-0.001197
1681	0.9D+1E	Combination	Max	11.625076	5.032302	1.074485	0.000529	0.001225
1681	0.9D+1E	Combination	Min	-11.492174	-5.088006	-2.295891	-0.000524	-0.001203
1681	1.2D+1L+1Ey	Combination	Max	3.092244	7.346008	0.571801	0.000788	0.000330
1681	1.2D+1L+1Ey	Combination	Min	-2.876231	-7.416881	-2.382616	-0.000781	-0.000296
1681	0.9D+1Ey	Combination	Max	3.050688	7.353592	0.866505	0.000787	0.000324
1681	0.9D+1Ey	Combination	Min	-2.917787	-7.409296	-2.087912	-0.000782	-0.000303
1681	1D+0.5L	Combination		0.083537	-0.030097	-0.724127	2.647E-06	0.000013
1682	1.4D	Combination		0.142707	-0.099437	-1.033144	0.000023	0.000023
1682	1.2D+1.6L	Combination		0.181600	-0.124552	-1.060546	0.000032	0.000028
1682	1.2D+1L+1E	Combination	Max	10.405350	3.217371	2.159517	0.000383	0.001110
1682	1.2D+1L+1E	Combination	Min	-10.086609	-3.436985	-4.149363	-0.000328	-0.001059
1682	0.9D+1E	Combination	Max	10.337720	3.263254	2.490276	0.000370	0.001100
1682	0.9D+1E	Combination	Min	-10.154239	-3.391102	-3.818604	-0.000341	-0.001070
1682	1.2D+1L+1Ey	Combination	Max	2.806731	7.055105	0.396884	0.000762	0.000305
1682	1.2D+1L+1Ey	Combination	Min	-2.487990	-7.274720	-2.386730	-0.000708	-0.000255
1682	0.9D+1Ey	Combination	Max	2.739101	7.100988	0.727643	0.000749	0.000295
1682	0.9D+1Ey	Combination	Min	-2.555620	-7.228837	-2.055971	-0.000720	-0.000265
1682	1D+0.5L	Combination		0.120459	-0.083314	-0.792645	0.000020	0.000019
1683	1.4D	Combination		0.083107	-0.069319	-0.979488	0.000013	4.294E-06
1683	1.2D+1.6L	Combination		0.120836	-0.097514	-0.990179	0.000017	8.001E-06
1683	1.2D+1L+1E	Combination	Max	10.310665	3.711307	0.243405	0.000425	0.001075
1683	1.2D+1L+1E	Combination	Min	-10.106194	-3.877761	-2.110800	-0.000396	-0.001062
1683	0.9D+1E	Combination	Max	10.261856	3.749972	0.547432	0.000419	0.001071
1683	0.9D+1E	Combination	Min	-10.155004	-3.839096	-1.806773	-0.000402	-0.001066
1683	1.2D+1L+1Ey	Combination	Max	2.739921	7.083855	0.277418	0.000799	0.000283
1683	1.2D+1L+1Ey	Combination	Min	-2.535450	-7.250310	-2.144813	-0.000770	-0.000270
1683	0.9D+1Ey	Combination	Max	2.691112	7.122520	0.581445	0.000792	0.000279
1683	0.9D+1Ey	Combination	Min	-2.584260	-7.211644	-1.840786	-0.000776	-0.000273
1683	1D+0.5L	Combination		0.074863	-0.061419	-0.746702	0.000011	4.417E-06
1684	1.4D	Combination		0.131563	-0.130308	-1.041478	0.000017	-0.000043
1684	1.2D+1.6L	Combination		0.174586	-0.159751	-1.071649	0.000023	-0.000057
1684	1.2D+1L+1E	Combination	Max	10.395243	3.667111	0.630331	0.000426	0.000763
1684	1.2D+1L+1E	Combination	Min	-10.092435	-3.950570	-2.639413	-0.000387	-0.000862
1684	0.9D+1E	Combination	Max	10.328415	3.725071	0.965350	0.000418	0.000784
1684	0.9D+1E	Combination	Min	-10.159263	-3.892610	-2.304394	-0.000395	-0.000840
1684	1.2D+1L+1Ey	Combination	Max	2.814797	7.046268	1.334485	0.000795	0.000169
1684	1.2D+1L+1Ey	Combination	Min	-2.511989	-7.329726	-3.343568	-0.000755	-0.000268
1684	0.9D+1Ey	Combination	Max	2.747969	7.104228	1.669504	0.000786	0.000190
1684	0.9D+1Ey	Combination	Min	-2.578817	-7.271767	-3.008548	-0.000764	-0.000246
1684	1D+0.5L	Combination		0.113291	-0.108096	-0.799836	0.000015	-0.000037
1685	1.4D	Combination		0.130794	-0.051227	-0.926793	-0.000030	0.000017

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1685	1.2D+1.6L	Combination		0.169231	-0.064129	-0.947414	-0.000040	0.000022
1685	1.2D+1L+1E	Combination	Max	10.452163	2.455736	0.882196	0.000199	0.001085
1685	1.2D+1L+1E	Combination	Min	-10.156543	-2.568828	-2.662259	-0.000268	-0.001048
1685	0.9D+1E	Combination	Max	10.388434	2.479351	1.176432	0.000214	0.001077
1685	0.9D+1E	Combination	Min	-10.220271	-2.545214	-2.368023	-0.000252	-0.001056
1685	1.2D+1L+1Ey	Combination	Max	2.810120	7.076933	0.833200	0.000627	0.000294
1685	1.2D+1L+1Ey	Combination	Min	-2.514500	-7.190025	-2.613263	-0.000696	-0.000257
1685	0.9D+1Ey	Combination	Max	2.746391	7.100548	1.127436	0.000642	0.000286
1685	0.9D+1Ey	Combination	Min	-2.578228	-7.166411	-2.319028	-0.000680	-0.000265
1685	1D+0.5L	Combination		0.111275	-0.042909	-0.709814	-0.000026	0.000014
1686	1.4D	Combination		0.103131	-0.034384	-0.894910	7.624E-06	0.000013
1686	1.2D+1.6L	Combination		0.141064	-0.049088	-0.905661	9.707E-06	0.000018
1686	1.2D+1L+1E	Combination	Max	10.416844	2.517521	0.007764	0.000284	0.001105
1686	1.2D+1L+1E	Combination	Min	-10.174216	-2.600984	-1.715139	-0.000267	-0.001075
1686	0.9D+1E	Combination	Max	10.361828	2.537149	0.286152	0.000280	0.001099
1686	0.9D+1E	Combination	Min	-10.229231	-2.581356	-1.436751	-0.000271	-0.001082
1686	1.2D+1L+1Ey	Combination	Max	2.780969	7.099524	0.849303	0.000777	0.000297
1686	1.2D+1L+1Ey	Combination	Min	-2.538341	-7.182988	-2.556679	-0.000760	-0.000266
1686	0.9D+1Ey	Combination	Max	2.725953	7.119152	1.127692	0.000773	0.000290
1686	0.9D+1Ey	Combination	Min	-2.593357	-7.163360	-2.278291	-0.000763	-0.000273
1686	1D+0.5L	Combination		0.090123	-0.030690	-0.682532	6.437E-06	0.000012
1687	1.4D	Combination		0.125085	-0.089648	-0.924487	6.907E-06	0.000015
1687	1.2D+1.6L	Combination		0.167896	-0.105395	-0.944228	8.926E-06	0.000020
1687	1.2D+1L+1E	Combination	Max	10.399077	2.465128	-0.012902	0.000282	0.001092
1687	1.2D+1L+1E	Combination	Min	-10.108794	-2.654503	-1.761697	-0.000267	-0.001057
1687	0.9D+1E	Combination	Max	10.334348	2.502184	0.280085	0.000279	0.001085
1687	0.9D+1E	Combination	Min	-10.173523	-2.617447	-1.468710	-0.000270	-0.001065
1687	1.2D+1L+1Ey	Combination	Max	2.811349	7.047038	0.818201	0.000774	0.000296
1687	1.2D+1L+1Ey	Combination	Min	-2.521067	-7.236413	-2.592799	-0.000758	-0.000261
1687	0.9D+1Ey	Combination	Max	2.746620	7.084094	1.111187	0.000771	0.000289
1687	0.9D+1Ey	Combination	Min	-2.585796	-7.199357	-2.299813	-0.000762	-0.000269
1687	1D+0.5L	Combination		0.108309	-0.072958	-0.707789	5.873E-06	0.000013
1688	1.4D	Combination		0.150367	-0.056170	-0.958429	8.905E-06	0.000017
1688	1.2D+1.6L	Combination		0.193884	-0.069087	-0.989196	0.000011	0.000023
1688	1.2D+1L+1E	Combination	Max	10.429669	2.451681	0.815984	0.000274	0.001077
1688	1.2D+1L+1E	Combination	Min	-10.090649	-2.574149	-2.668612	-0.000254	-0.001037
1688	0.9D+1E	Combination	Max	10.356824	2.476806	1.126165	0.000270	0.001068
1688	0.9D+1E	Combination	Min	-10.163494	-2.549024	-2.358430	-0.000259	-0.001046
1688	1.2D+1L+1Ey	Combination	Max	2.836745	7.073897	0.797844	0.000754	0.000294
1688	1.2D+1L+1Ey	Combination	Min	-2.497725	-7.196365	-2.650472	-0.000734	-0.000255
1688	0.9D+1Ey	Combination	Max	2.763900	7.099022	1.108025	0.000750	0.000286
1688	0.9D+1Ey	Combination	Min	-2.570570	-7.171240	-2.340290	-0.000739	-0.000264
1688	1D+0.5L	Combination		0.127717	-0.046666	-0.736994	7.471E-06	0.000015
1689	1.4D	Combination		0.114985	0.011171	-0.791844	0.000016	4.993E-06
1689	1.2D+1.6L	Combination		0.153734	0.019386	-0.740956	0.000022	9.286E-06
1689	1.2D+1L+1E	Combination	Max	10.354578	4.058792	2.382035	0.000440	0.001090
1689	1.2D+1L+1E	Combination	Min	-10.088491	-4.027379	-3.817273	-0.000403	-0.001076
1689	0.9D+1E	Combination	Max	10.295454	4.050266	2.590612	0.000432	0.001086

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1689	0.9D+1E	Combination	Min	-10.147616	-4.035904	-3.608697	-0.000412	-0.001080
1689	1.2D+1L+1Ey	Combination	Max	2.775425	7.084831	0.561971	0.000739	0.000287
1689	1.2D+1L+1Ey	Combination	Min	-2.509338	-7.053417	-1.997209	-0.000701	-0.000272
1689	0.9D+1Ey	Combination	Max	2.716301	7.076305	0.770547	0.000730	0.000283
1689	0.9D+1Ey	Combination	Min	-2.568462	-7.061943	-1.788633	-0.000710	-0.000276
1689	1D+0.5L	Combination		0.099375	0.011045	-0.585051	0.000014	5.131E-06
1690	1.4D	Combination		0.163830	0.038237	-0.841961	-1.317E-06	0.000021
1690	1.2D+1.6L	Combination		0.200021	0.050338	-0.806984	-3.174E-06	0.000025
1690	1.2D+1L+1E	Combination	Max	10.360700	4.572359	0.484016	0.000488	0.001092
1690	1.2D+1L+1E	Combination	Min	-10.005354	-4.484855	-2.034006	-0.000493	-0.001048
1690	0.9D+1E	Combination	Max	10.288346	4.553188	0.717751	0.000489	0.001084
1690	0.9D+1E	Combination	Min	-10.077708	-4.504026	-1.800272	-0.000491	-0.001057
1690	1.2D+1L+1Ey	Combination	Max	2.812603	7.037218	0.337835	0.000771	0.000299
1690	1.2D+1L+1Ey	Combination	Min	-2.457257	-6.949714	-1.887825	-0.000776	-0.000255
1690	0.9D+1Ey	Combination	Max	2.740249	7.018047	0.571569	0.000773	0.000290
1690	0.9D+1Ey	Combination	Min	-2.529611	-6.968885	-1.654091	-0.000775	-0.000264
1690	1D+0.5L	Combination		0.135645	0.032801	-0.628058	-1.580E-06	0.000017
1691	1.4D	Combination		0.123765	-0.020176	-0.839185	-9.980E-07	4.195E-06
1691	1.2D+1.6L	Combination		0.167896	-0.005595	-0.798370	-2.406E-06	5.022E-06
1691	1.2D+1L+1E	Combination	Max	10.405801	4.541999	1.159492	0.000490	0.000993
1691	1.2D+1L+1E	Combination	Min	-10.116368	-4.561964	-2.696931	-0.000493	-0.000984
1691	0.9D+1E	Combination	Max	10.340647	4.539011	1.388736	0.000491	0.000992
1691	0.9D+1E	Combination	Min	-10.181521	-4.564952	-2.467687	-0.000492	-0.000986
1691	1.2D+1L+1Ey	Combination	Max	2.812485	7.015059	1.626809	0.000772	0.000270
1691	1.2D+1L+1Ey	Combination	Min	-2.523052	-7.035023	-3.164248	-0.000776	-0.000261
1691	0.9D+1Ey	Combination	Max	2.747332	7.012071	1.856052	0.000773	0.000268
1691	0.9D+1Ey	Combination	Min	-2.588205	-7.038011	-2.935004	-0.000775	-0.000263
1691	1D+0.5L	Combination		0.107720	-0.010756	-0.624127	-1.197E-06	3.442E-06
1692	1.4D	Combination		0.078559	-0.066521	-0.908856	0.000012	0.000024
1692	1.2D+1.6L	Combination		0.095635	-0.113021	-0.859958	0.000016	0.000032
1692	1.2D+1L+1E	Combination	Max	16.375686	6.095981	0.583484	0.000532	0.001400
1692	1.2D+1L+1E	Combination	Min	-16.205640	-6.280021	-2.242695	-0.000505	-0.001344
1692	0.9D+1E	Combination	Max	16.341165	6.145238	0.828825	0.000526	0.001387
1692	0.9D+1E	Combination	Min	-16.240160	-6.230765	-1.997354	-0.000511	-0.001356
1692	1.2D+1L+1Ey	Combination	Max	4.300507	9.526919	1.457964	0.000847	0.000382
1692	1.2D+1L+1Ey	Combination	Min	-4.130461	-9.710959	-3.117176	-0.000820	-0.000327
1692	0.9D+1Ey	Combination	Max	4.265986	9.576176	1.703306	0.000841	0.000370
1692	0.9D+1Ey	Combination	Min	-4.164982	-9.661703	-2.871834	-0.000826	-0.000339
1692	1D+0.5L	Combination		0.064957	-0.065016	-0.674476	0.000010	0.000021
1693	1.4D	Combination		0.056785	-0.115529	-0.954143	0.000012	0.000016
1693	1.2D+1.6L	Combination		0.080393	-0.160015	-0.923726	0.000017	0.000018
1693	1.2D+1L+1E	Combination	Max	15.618799	6.064782	1.000024	0.000549	0.001358
1693	1.2D+1L+1E	Combination	Min	-15.481802	-6.339069	-2.768059	-0.000520	-0.001325
1693	0.9D+1E	Combination	Max	15.586805	6.127657	1.270664	0.000542	0.001352
1693	0.9D+1E	Combination	Min	-15.513796	-6.276194	-2.497419	-0.000527	-0.001331
1693	1.2D+1L+1Ey	Combination	Max	4.080129	9.472603	0.591198	0.000872	0.000362

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1693	1.2D+1L+1Ey	Combination	Min	-3.943132	-9.746890	-2.359233	-0.000843	-0.000329
1693	0.9D+1Ey	Combination	Max	4.048135	9.535478	0.861838	0.000865	0.000356
1693	0.9D+1Ey	Combination	Min	-3.975126	-9.684015	-2.088593	-0.000850	-0.000335
1693	1D+0.5L	Combination		0.050473	-0.101580	-0.714621	0.000010	0.000013
1694	1.4D	Combination		0.105456	-0.077051	-0.995518	-9.249E-06	5.312E-06
1694	1.2D+1.6L	Combination		0.127856	-0.117637	-0.974905	-0.000014	8.045E-06
1694	1.2D+1L+1E	Combination	Max	15.684452	5.281928	2.500964	0.000443	0.001318
1694	1.2D+1L+1E	Combination	Min	-15.456838	-5.478507	-4.359571	-0.000467	-0.001305
1694	0.9D+1E	Combination	Max	15.638438	5.330685	2.790292	0.000449	0.001315
1694	0.9D+1E	Combination	Min	-15.502852	-5.429750	-4.070244	-0.000461	-0.001308
1694	1.2D+1L+1Ey	Combination	Max	4.131287	9.526210	0.672580	0.000854	0.000345
1694	1.2D+1L+1Ey	Combination	Min	-3.903673	-9.722789	-2.531188	-0.000877	-0.000332
1694	0.9D+1Ey	Combination	Max	4.085273	9.574967	0.961908	0.000860	0.000342
1694	0.9D+1Ey	Combination	Min	-3.949686	-9.674032	-2.241860	-0.000872	-0.000335
1694	1D+0.5L	Combination		0.087034	-0.071159	-0.749086	-8.466E-06	4.886E-06
1695	1.4D	Combination		0.070053	-0.041956	-1.126495	8.976E-06	9.364E-06
1695	1.2D+1.6L	Combination		0.086904	-0.063269	-1.135043	0.000011	0.000011
1695	1.2D+1L+1E	Combination	Max	16.373425	3.421604	-0.065155	0.000316	0.001404
1695	1.2D+1L+1E	Combination	Min	-16.219761	-3.527662	-2.077824	-0.000296	-0.001384
1695	0.9D+1E	Combination	Max	16.341627	3.447661	0.282159	0.000312	0.001400
1695	0.9D+1E	Combination	Min	-16.251560	-3.501605	-1.730511	-0.000300	-0.001388
1695	1.2D+1L+1Ey	Combination	Max	4.293965	9.620599	0.778474	0.000860	0.000370
1695	1.2D+1L+1Ey	Combination	Min	-4.140301	-9.726657	-2.921453	-0.000840	-0.000350
1695	0.9D+1Ey	Combination	Max	4.262167	9.646657	1.125788	0.000856	0.000366
1695	0.9D+1Ey	Combination	Min	-4.172099	-9.700600	-2.574139	-0.000845	-0.000354
1695	1D+0.5L	Combination		0.058431	-0.038502	-0.857601	7.535E-06	7.591E-06
1696	1.4D	Combination		0.097062	-0.061853	-1.147555	-0.000012	9.647E-06
1696	1.2D+1.6L	Combination		0.114189	-0.080470	-1.160374	-0.000019	0.000012
1696	1.2D+1L+1E	Combination	Max	16.405131	3.339753	1.159780	0.000241	0.001389
1696	1.2D+1L+1E	Combination	Min	-16.199997	-3.480103	-3.347961	-0.000273	-0.001368
1696	0.9D+1E	Combination	Max	16.364961	3.370165	1.516157	0.000249	0.001385
1696	0.9D+1E	Combination	Min	-16.240167	-3.449690	-2.991584	-0.000264	-0.001373
1696	1.2D+1L+1Ey	Combination	Max	4.320283	9.611839	0.810841	0.000697	0.000366
1696	1.2D+1L+1Ey	Combination	Min	-4.115150	-9.752189	-2.999022	-0.000729	-0.000345
1696	0.9D+1Ey	Combination	Max	4.280113	9.642252	1.167218	0.000706	0.000362
1696	0.9D+1Ey	Combination	Min	-4.155319	-9.721777	-2.642645	-0.000721	-0.000350
1696	1D+0.5L	Combination		0.079015	-0.052760	-0.874918	-0.000011	7.981E-06
1697	1.4D	Combination		0.076428	-0.095140	-1.161421	7.571E-06	0.000011
1697	1.2D+1.6L	Combination		0.099249	-0.117144	-1.179556	9.410E-06	0.000013
1697	1.2D+1L+1E	Combination	Max	15.717411	3.373375	0.005757	0.000315	0.001345
1697	1.2D+1L+1E	Combination	Min	-15.544217	-3.580967	-2.226830	-0.000299	-0.001322
1697	0.9D+1E	Combination	Max	15.679947	3.416009	0.369666	0.000312	0.001341
1697	0.9D+1E	Combination	Min	-15.581682	-3.538332	-1.862922	-0.000302	-0.001327
1697	1.2D+1L+1Ey	Combination	Max	4.117306	9.570259	0.694565	0.000862	0.000355
1697	1.2D+1L+1Ey	Combination	Min	-3.944113	-9.777851	-2.915638	-0.000845	-0.000332
1697	0.9D+1Ey	Combination	Max	4.079842	9.612893	1.058473	0.000859	0.000350
1697	0.9D+1Ey	Combination	Min	-3.981577	-9.735216	-2.551729	-0.000849	-0.000336

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1697	1D+0.5L	Combination		0.065135	-0.079081	-0.887103	6.321E-06	8.969E-06
1698	1.4D	Combination		0.102832	-0.067420	-1.186237	0.000014	0.000012
1698	1.2D+1.6L	Combination		0.126144	-0.086106	-1.209949	0.000025	0.000015
1698	1.2D+1L+1E	Combination	Max	15.746252	3.334449	0.848381	0.000281	0.001314
1698	1.2D+1L+1E	Combination	Min	-15.522465	-3.485422	-3.123399	-0.000241	-0.001287
1698	0.9D+1E	Combination	Max	15.700465	3.366594	1.223309	0.000270	0.001308
1698	0.9D+1E	Combination	Min	-15.568252	-3.453277	-2.748471	-0.000252	-0.001293
1698	1.2D+1L+1Ey	Combination	Max	4.144022	9.606215	0.685639	0.000760	0.000349
1698	1.2D+1L+1Ey	Combination	Min	-3.920235	-9.757189	-2.960656	-0.000720	-0.000322
1698	0.9D+1Ey	Combination	Max	4.098235	9.638360	1.060567	0.000749	0.000343
1698	0.9D+1Ey	Combination	Min	-3.966022	-9.725043	-2.585729	-0.000730	-0.000328
1698	1D+0.5L	Combination		0.085327	-0.057006	-0.907679	0.000014	0.000010
1699	1.4D	Combination		0.092417	-0.001719	-1.104153	5.031E-06	5.534E-06
1699	1.2D+1.6L	Combination		0.109464	0.010463	-1.120696	4.045E-06	5.868E-06
1699	1.2D+1L+1E	Combination	Max	16.389819	6.742359	0.246279	0.000545	0.001339
1699	1.2D+1L+1E	Combination	Min	-16.193578	-6.730385	-2.356962	-0.000537	-0.001329
1699	0.9D+1E	Combination	Max	16.351110	6.735267	0.591807	0.000544	0.001338
1699	0.9D+1E	Combination	Min	-16.232287	-6.737477	-2.011433	-0.000538	-0.001330
1699	1.2D+1L+1Ey	Combination	Max	4.313650	9.973969	1.039038	0.000833	0.000350
1699	1.2D+1L+1Ey	Combination	Min	-4.117409	-9.961995	-3.149721	-0.000825	-0.000339
1699	0.9D+1Ey	Combination	Max	4.274941	9.966877	1.384566	0.000832	0.000348
1699	0.9D+1Ey	Combination	Min	-4.156118	-9.969087	-2.804192	-0.000826	-0.000341
1699	1D+0.5L	Combination		0.075465	0.002502	-0.843143	3.510E-06	4.304E-06
1700	1.4D	Combination		0.130728	-0.050711	-1.120267	5.485E-06	4.335E-06
1700	1.2D+1.6L	Combination		0.153695	-0.039181	-1.132634	5.307E-06	6.625E-06
1700	1.2D+1L+1E	Combination	Max	15.695040	6.708597	0.773810	0.000571	0.001343
1700	1.2D+1L+1E	Combination	Min	-15.418882	-6.790173	-2.909774	-0.000561	-0.001332
1700	0.9D+1E	Combination	Max	15.641001	6.716785	1.121620	0.000570	0.001340
1700	0.9D+1E	Combination	Min	-15.472922	-6.781985	-2.561964	-0.000563	-0.001334
1700	1.2D+1L+1Ey	Combination	Max	4.151126	9.929408	0.601056	0.000869	0.000350
1700	1.2D+1L+1Ey	Combination	Min	-3.874967	-10.010984	-2.737020	-0.000859	-0.000339
1700	0.9D+1Ey	Combination	Max	4.097086	9.937596	0.948866	0.000867	0.000347
1700	0.9D+1Ey	Combination	Min	-3.929007	-10.002796	-2.389210	-0.000860	-0.000342
1700	1D+0.5L	Combination		0.106391	-0.034883	-0.854067	4.107E-06	4.006E-06
1701	1.4D	Combination		0.188150	-0.133210	-1.215831	0.000023	0.000011
1701	1.2D+1.6L	Combination		0.241693	-0.168955	-1.247905	0.000033	0.000016
1701	1.2D+1L+1E	Combination	Max	13.989147	4.364043	2.288050	0.000423	0.001177
1701	1.2D+1L+1E	Combination	Min	-13.566077	-4.660872	-4.629537	-0.000367	-0.001150
1701	0.9D+1E	Combination	Max	13.898566	4.426823	2.677188	0.000410	0.001170
1701	0.9D+1E	Combination	Min	-13.656659	-4.598093	-4.240399	-0.000380	-0.001156
1701	1.2D+1L+1Ey	Combination	Max	3.769840	9.586621	0.395954	0.000845	0.000314
1701	1.2D+1L+1Ey	Combination	Min	-3.346770	-9.883450	-2.737441	-0.000789	-0.000287
1701	0.9D+1Ey	Combination	Max	3.679258	9.649400	0.785092	0.000832	0.000307
1701	0.9D+1Ey	Combination	Min	-3.437351	-9.820670	-2.348303	-0.000802	-0.000294
1701	1D+0.5L	Combination		0.159525	-0.112267	-0.932752	0.000021	9.691E-06
1702	1.4D	Combination		0.129816	-0.109552	-1.155787	0.000013	0.000020
1702	1.2D+1.6L	Combination		0.182201	-0.150051	-1.168866	0.000018	0.000025
1702	1.2D+1L+1E	Combination	Max	13.903842	5.018972	0.184717	0.000468	0.001204

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1702	1.2D+1L+1E	Combination	Min	-13.592637	-5.276962	-2.388806	-0.000437	-0.001160
1702	0.9D+1E	Combination	Max	13.831693	5.077540	0.543755	0.000461	0.001195
1702	0.9D+1E	Combination	Min	-13.664786	-5.218393	-2.029768	-0.000444	-0.001169
1702	1.2D+1L+1Ey	Combination	Max	3.706051	9.623293	0.262861	0.000884	0.000327
1702	1.2D+1L+1Ey	Combination	Min	-3.394846	-9.881283	-2.466950	-0.000854	-0.000283
1702	0.9D+1Ey	Combination	Max	3.633902	9.681861	0.621900	0.000878	0.000318
1702	0.9D+1Ey	Combination	Min	-3.466995	-9.822714	-2.107912	-0.000861	-0.000292
1702	1D+0.5L	Combination		0.114892	-0.095798	-0.881247	0.000011	0.000017
1703	1.4D	Combination		0.182835	-0.167959	-1.223978	0.000018	-0.000042
1703	1.2D+1.6L	Combination		0.242471	-0.209664	-1.259121	0.000024	-0.000055
1703	1.2D+1L+1E	Combination	Max	13.963092	4.974166	0.648735	0.000468	0.000838
1703	1.2D+1L+1E	Combination	Min	-13.542467	-5.344219	-3.009480	-0.000427	-0.000934
1703	0.9D+1E	Combination	Max	13.870316	5.051219	1.042265	0.000459	0.000859
1703	0.9D+1E	Combination	Min	-13.635243	-5.267166	-2.615950	-0.000436	-0.000913
1703	1.2D+1L+1Ey	Combination	Max	3.783439	9.582441	1.414378	0.000878	0.000190
1703	1.2D+1L+1Ey	Combination	Min	-3.362814	-9.952494	-3.775122	-0.000837	-0.000286
1703	0.9D+1Ey	Combination	Max	3.690663	9.659494	1.807907	0.000869	0.000211
1703	0.9D+1Ey	Combination	Min	-3.455589	-9.875441	-3.381593	-0.000846	-0.000265
1703	1D+0.5L	Combination		0.157395	-0.140502	-0.939894	0.000015	-0.000036
1704	1.4D	Combination		0.176738	-0.072185	-1.090992	-0.000029	0.000017
1704	1.2D+1.6L	Combination		0.229858	-0.090748	-1.115245	-0.000039	0.000022
1704	1.2D+1L+1E	Combination	Max	14.036050	3.329834	0.883932	0.000225	0.001178
1704	1.2D+1L+1E	Combination	Min	-13.635111	-3.489674	-2.979341	-0.000292	-0.001139
1704	0.9D+1E	Combination	Max	13.949198	3.363349	1.230284	0.000240	0.001169
1704	0.9D+1E	Combination	Min	-13.721963	-3.456159	-2.632989	-0.000277	-0.001147
1704	1.2D+1L+1Ey	Combination	Max	3.773567	9.601626	0.879549	0.000700	0.000319
1704	1.2D+1L+1Ey	Combination	Min	-3.372627	-9.761466	-2.974958	-0.000767	-0.000280
1704	0.9D+1Ey	Combination	Max	3.686715	9.635142	1.225901	0.000715	0.000310
1704	0.9D+1Ey	Combination	Min	-3.459480	-9.727951	-2.628605	-0.000752	-0.000288
1704	1D+0.5L	Combination		0.150732	-0.060584	-0.835564	-0.000025	0.000015
1705	1.4D	Combination		0.150218	-0.058354	-1.055416	8.258E-06	0.000017
1705	1.2D+1.6L	Combination		0.202841	-0.079581	-1.068523	0.000011	0.000022
1705	1.2D+1L+1E	Combination	Max	14.004206	3.405548	-0.054456	0.000315	0.001205
1705	1.2D+1L+1E	Combination	Min	-13.654087	-3.542538	-1.959679	-0.000296	-0.001167
1705	0.9D+1E	Combination	Max	13.925715	3.436529	0.274130	0.000311	0.001197
1705	0.9D+1E	Combination	Min	-13.732578	-3.511556	-1.631093	-0.000300	-0.001175
1705	1.2D+1L+1Ey	Combination	Max	3.746064	9.622465	0.895684	0.000861	0.000325
1705	1.2D+1L+1Ey	Combination	Min	-3.395945	-9.759454	-2.909818	-0.000842	-0.000287
1705	0.9D+1Ey	Combination	Max	3.667573	9.653446	1.224269	0.000857	0.000317
1705	0.9D+1Ey	Combination	Min	-3.474436	-9.728473	-2.581232	-0.000846	-0.000295
1705	1D+0.5L	Combination		0.130449	-0.050920	-0.805081	7.030E-06	0.000014
1706	1.4D	Combination		0.176598	-0.111465	-1.090318	7.509E-06	0.000018
1706	1.2D+1.6L	Combination		0.235991	-0.133741	-1.114090	9.885E-06	0.000024
1706	1.2D+1L+1E	Combination	Max	13.965593	3.355245	-0.075227	0.000313	0.001188
1706	1.2D+1L+1E	Combination	Min	-13.557078	-3.594077	-2.018304	-0.000296	-0.001146
1706	0.9D+1E	Combination	Max	13.874863	3.403005	0.270620	0.000309	0.001179
1706	0.9D+1E	Combination	Min	-13.647809	-3.546317	-1.672457	-0.000300	-0.001155

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1706	1.2D+1L+1Ey	Combination	Max	3.779797	9.572277	0.860623	0.000858	0.000323
1706	1.2D+1L+1Ey	Combination	Min	-3.371282	-9.811109	-2.954154	-0.000840	-0.000282
1706	0.9D+1Ey	Combination	Max	3.689067	9.620037	1.206470	0.000854	0.000314
1706	0.9D+1Ey	Combination	Min	-3.462012	-9.763349	-2.608307	-0.000844	-0.000291
1706	1D+0.5L	Combination		0.152585	-0.091555	-0.834902	6.441E-06	0.000016
1707	1.4D	Combination		0.200866	-0.076912	-1.128153	0.000010	0.000018
1707	1.2D+1.6L	Combination		0.260957	-0.095492	-1.164380	0.000013	0.000024
1707	1.2D+1L+1E	Combination	Max	13.992789	3.326141	0.799334	0.000304	0.001167
1707	1.2D+1L+1E	Combination	Min	-13.537465	-3.494949	-2.980050	-0.000281	-0.001126
1707	0.9D+1E	Combination	Max	13.894255	3.361102	1.164451	0.000299	0.001158
1707	0.9D+1E	Combination	Min	-13.635998	-3.459988	-2.614933	-0.000286	-0.001135
1707	1.2D+1L+1Ey	Combination	Max	3.803535	9.599314	0.840255	0.000837	0.000318
1707	1.2D+1L+1Ey	Combination	Min	-3.348211	-9.768122	-3.020971	-0.000814	-0.000277
1707	0.9D+1Ey	Combination	Max	3.705001	9.634275	1.205372	0.000832	0.000309
1707	0.9D+1Ey	Combination	Min	-3.446744	-9.733161	-2.655854	-0.000819	-0.000286
1707	1D+0.5L	Combination		0.171221	-0.064177	-0.867508	8.750E-06	0.000016
1708	1.4D	Combination		0.162120	0.008552	-0.934183	0.000016	0.000020
1708	1.2D+1.6L	Combination		0.215513	0.019112	-0.874506	0.000022	0.000024
1708	1.2D+1L+1E	Combination	Max	13.934181	5.479301	2.548433	0.000485	0.001182
1708	1.2D+1L+1E	Combination	Min	-13.560569	-5.449914	-4.242112	-0.000447	-0.001139
1708	0.9D+1E	Combination	Max	13.851595	5.470105	2.794727	0.000476	0.001173
1708	0.9D+1E	Combination	Min	-13.643155	-5.459110	-3.995818	-0.000456	-0.001148
1708	1.2D+1L+1Ey	Combination	Max	3.738487	9.625104	0.591963	0.000821	0.000321
1708	1.2D+1L+1Ey	Combination	Min	-3.364875	-9.595717	-2.285641	-0.000783	-0.000279
1708	0.9D+1Ey	Combination	Max	3.655901	9.615908	0.838256	0.000812	0.000312
1708	0.9D+1Ey	Combination	Min	-3.447461	-9.604913	-2.039348	-0.000792	-0.000287
1708	1D+0.5L	Combination		0.139723	0.009790	-0.690329	0.000014	0.000016
1709	1.4D	Combination		0.209998	0.038184	-0.991154	-4.022E-07	9.851E-06
1709	1.2D+1.6L	Combination		0.260893	0.054337	-0.949828	-2.058E-06	0.000015
1709	1.2D+1L+1E	Combination	Max	13.947698	6.183943	0.465600	0.000535	0.001199
1709	1.2D+1L+1E	Combination	Min	-13.486582	-6.091475	-2.290055	-0.000538	-0.001174
1709	0.9D+1E	Combination	Max	13.852139	6.162256	0.740657	0.000536	0.001192
1709	0.9D+1E	Combination	Min	-13.582141	-6.113163	-2.014998	-0.000537	-0.001180
1709	1.2D+1L+1Ey	Combination	Max	3.776310	9.587593	0.334106	0.000856	0.000318
1709	1.2D+1L+1Ey	Combination	Min	-3.315195	-9.495125	-2.158561	-0.000858	-0.000293
1709	0.9D+1Ey	Combination	Max	3.680752	9.565905	0.609163	0.000857	0.000312
1709	0.9D+1Ey	Combination	Min	-3.410754	-9.516812	-1.883504	-0.000857	-0.000299
1709	1D+0.5L	Combination		0.175278	0.034027	-0.739301	-8.228E-07	9.092E-06
1710	1.4D	Combination		0.175311	-0.017905	-0.991124	-7.892E-08	5.485E-06
1710	1.2D+1.6L	Combination		0.235972	0.000572	-0.944009	-1.241E-06	6.514E-06
1710	1.2D+1L+1E	Combination	Max	13.974994	6.150985	1.249874	0.000537	0.001082
1710	1.2D+1L+1E	Combination	Min	-13.567328	-6.161780	-3.067036	-0.000538	-0.001071
1710	0.9D+1E	Combination	Max	13.883861	6.144872	1.521304	0.000538	0.001080
1710	0.9D+1E	Combination	Min	-13.658461	-6.167893	-2.795606	-0.000538	-0.001073
1710	1.2D+1L+1Ey	Combination	Max	3.781651	9.560823	1.761994	0.000855	0.000295
1710	1.2D+1L+1Ey	Combination	Min	-3.373985	-9.571618	-3.579156	-0.000856	-0.000284

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1710	0.9D+1Ey	Combination	Max	3.690518	9.554710	2.033424	0.000856	0.000293
1710	0.9D+1Ey	Combination	Min	-3.465118	-9.577730	-3.307726	-0.000856	-0.000286
1710	1D+0.5L	Combination		0.152005	-0.007814	-0.737469	-4.232E-07	4.484E-06
1711	1.4D	Combination		0.109701	-0.103439	-1.039131	0.000012	0.000025
1711	1.2D+1.6L	Combination		0.132829	-0.164527	-0.983598	0.000017	0.000034
1711	1.2D+1L+1E	Combination	Max	20.850104	7.755628	0.580761	0.000568	0.001482
1711	1.2D+1L+1E	Combination	Min	-20.613546	-8.027783	-2.478270	-0.000539	-0.001423
1711	0.9D+1E	Combination	Max	20.802347	7.825209	0.861503	0.000561	0.001469
1711	0.9D+1E	Combination	Min	-20.661303	-7.958202	-2.197528	-0.000545	-0.001436
1711	1.2D+1L+1Ey	Combination	Max	5.478798	12.284564	1.515061	0.000925	0.000404
1711	1.2D+1L+1Ey	Combination	Min	-5.242240	-12.556719	-3.412571	-0.000896	-0.000345
1711	0.9D+1Ey	Combination	Max	5.431041	12.354145	1.795803	0.000918	0.000391
1711	0.9D+1Ey	Combination	Min	-5.289998	-12.487138	-3.131829	-0.000902	-0.000358
1711	1D+0.5L	Combination		0.090483	-0.097593	-0.771272	0.000011	0.000022
1712	1.4D	Combination		0.092234	-0.150308	-1.093010	0.000013	8.120E-06
1712	1.2D+1.6L	Combination		0.123687	-0.209495	-1.058398	0.000018	0.000011
1712	1.2D+1L+1E	Combination	Max	19.935324	7.724480	1.008331	0.000585	0.001420
1712	1.2D+1L+1E	Combination	Min	-19.721422	-8.082976	-3.033977	-0.000554	-0.001401
1712	0.9D+1E	Combination	Max	19.887666	7.807101	1.318505	0.000578	0.001416
1712	0.9D+1E	Combination	Min	-19.769080	-8.000354	-2.723803	-0.000561	-0.001405
1712	1.2D+1L+1Ey	Combination	Max	5.219221	12.236794	0.617677	0.000951	0.000373
1712	1.2D+1L+1Ey	Combination	Min	-5.005320	-12.595290	-2.643324	-0.000920	-0.000354
1712	0.9D+1Ey	Combination	Max	5.171564	12.319415	0.927852	0.000944	0.000369
1712	0.9D+1Ey	Combination	Min	-5.052977	-12.512668	-2.333150	-0.000927	-0.000358
1712	1D+0.5L	Combination		0.079828	-0.132569	-0.818700	0.000011	7.064E-06
1713	1.4D	Combination		0.137875	-0.110961	-1.140509	-7.254E-06	0.000017
1713	1.2D+1.6L	Combination		0.168213	-0.164538	-1.116999	-0.000011	0.000019
1713	1.2D+1L+1E	Combination	Max	19.989638	6.737785	2.575528	0.000476	0.001422
1713	1.2D+1L+1E	Combination	Min	-19.690738	-7.014790	-4.704961	-0.000495	-0.001387
1713	0.9D+1E	Combination	Max	19.928822	6.804955	2.907060	0.000481	0.001415
1713	0.9D+1E	Combination	Min	-19.751554	-6.947619	-4.373428	-0.000490	-0.001393
1713	1.2D+1L+1Ey	Combination	Max	5.265444	12.280999	0.689734	0.000928	0.000379
1713	1.2D+1L+1Ey	Combination	Min	-4.966543	-12.558004	-2.819167	-0.000947	-0.000344
1713	0.9D+1Ey	Combination	Max	5.204627	12.348169	1.021266	0.000933	0.000372
1713	0.9D+1Ey	Combination	Min	-5.027359	-12.490834	-2.487635	-0.000942	-0.000351
1713	1D+0.5L	Combination		0.114118	-0.100954	-0.858218	-6.827E-06	0.000013
1714	1.4D	Combination		0.101730	-0.068879	-1.289096	8.898E-06	9.908E-06
1714	1.2D+1.6L	Combination		0.124653	-0.097678	-1.299018	0.000012	0.000012
1714	1.2D+1L+1E	Combination	Max	20.848482	4.391705	-0.136719	0.000343	0.001484
1714	1.2D+1L+1E	Combination	Min	-20.627269	-4.558082	-2.315759	-0.000322	-0.001463
1714	0.9D+1E	Combination	Max	20.803273	4.430615	0.260815	0.000338	0.001480
1714	0.9D+1E	Combination	Min	-20.672478	-4.519173	-1.918225	-0.000327	-0.001468
1714	1.2D+1L+1Ey	Combination	Max	5.472655	12.372311	0.784241	0.000934	0.000391
1714	1.2D+1L+1Ey	Combination	Min	-5.251441	-12.538688	-3.236718	-0.000914	-0.000370
1714	0.9D+1Ey	Combination	Max	5.427446	12.411220	1.181775	0.000930	0.000386
1714	0.9D+1Ey	Combination	Min	-5.296651	-12.499778	-2.839184	-0.000919	-0.000374
1714	1D+0.5L	Combination		0.084369	-0.061274	-0.981433	7.577E-06	8.075E-06
1715	1.4D	Combination		0.127448	-0.086276	-1.313141	-5.997E-06	0.000012

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1715	1.2D+1.6L	Combination		0.150631	-0.111514	-1.327913	-0.000014	0.000014
1715	1.2D+1L+1E	Combination	Max	20.876066	4.292753	1.127769	0.000268	0.001475
1715	1.2D+1L+1E	Combination	Min	-20.605847	-4.487610	-3.631822	-0.000289	-0.001449
1715	0.9D+1E	Combination	Max	20.822887	4.334718	1.535633	0.000274	0.001470
1715	0.9D+1E	Combination	Min	-20.659026	-4.445645	-3.223958	-0.000282	-0.001455
1715	1.2D+1L+1Ey	Combination	Max	5.497101	12.366831	0.822079	0.000762	0.000390
1715	1.2D+1L+1Ey	Combination	Min	-5.226881	-12.561687	-3.326132	-0.000783	-0.000364
1715	0.9D+1Ey	Combination	Max	5.443922	12.408795	1.229943	0.000769	0.000385
1715	0.9D+1Ey	Combination	Min	-5.280060	-12.519722	-2.918267	-0.000777	-0.000369
1715	1D+0.5L	Combination		0.103969	-0.073364	-1.001196	-6.978E-06	9.882E-06
1716	1.4D	Combination		0.110758	-0.119715	-1.330023	8.025E-06	0.000012
1716	1.2D+1.6L	Combination		0.141408	-0.149193	-1.351080	0.000010	0.000014
1716	1.2D+1L+1E	Combination	Max	20.025182	4.345159	-0.064178	0.000342	0.001426
1716	1.2D+1L+1E	Combination	Min	-19.777220	-4.608610	-2.479687	-0.000324	-0.001400
1716	0.9D+1E	Combination	Max	19.972403	4.399925	0.352740	0.000339	0.001421
1716	0.9D+1E	Combination	Min	-19.829999	-4.553844	-2.062769	-0.000328	-0.001406
1716	1.2D+1L+1Ey	Combination	Max	5.253241	12.324350	0.691650	0.000936	0.000376
1716	1.2D+1L+1Ey	Combination	Min	-5.005279	-12.587800	-3.235515	-0.000919	-0.000351
1716	0.9D+1Ey	Combination	Max	5.200462	12.379115	1.108568	0.000933	0.000371
1716	0.9D+1Ey	Combination	Min	-5.058058	-12.533034	-2.818597	-0.000922	-0.000356
1716	1D+0.5L	Combination		0.093636	-0.100067	-1.015973	6.768E-06	9.735E-06
1717	1.4D	Combination		0.136004	-0.091724	-1.358407	9.166E-06	0.000014
1717	1.2D+1.6L	Combination		0.167137	-0.117032	-1.385717	0.000020	0.000018
1717	1.2D+1L+1E	Combination	Max	20.050979	4.287480	0.793360	0.000298	0.001396
1717	1.2D+1L+1E	Combination	Min	-19.754627	-4.492735	-3.398768	-0.000267	-0.001365
1717	0.9D+1E	Combination	Max	19.990234	4.331142	1.222803	0.000289	0.001390
1717	0.9D+1E	Combination	Min	-19.815372	-4.449073	-2.969326	-0.000277	-0.001371
1717	1.2D+1L+1Ey	Combination	Max	5.278312	12.361201	0.675689	0.000816	0.000372
1717	1.2D+1L+1Ey	Combination	Min	-4.981960	-12.566457	-3.281097	-0.000785	-0.000340
1717	0.9D+1Ey	Combination	Max	5.217568	12.404863	1.105131	0.000807	0.000365
1717	0.9D+1Ey	Combination	Min	-5.042705	-12.522795	-2.851654	-0.000795	-0.000347
1717	1D+0.5L	Combination		0.112946	-0.077521	-1.039468	0.000010	0.000012
1718	1.4D	Combination		0.122857	-0.014572	-1.262325	5.543E-06	7.019E-06
1718	1.2D+1.6L	Combination		0.145947	0.000029	-1.280838	4.614E-06	7.564E-06
1718	1.2D+1L+1E	Combination	Max	20.864027	8.525335	0.175051	0.000576	0.001420
1718	1.2D+1L+1E	Combination	Min	-20.602615	-8.534667	-2.587593	-0.000567	-0.001406
1718	0.9D+1E	Combination	Max	20.812300	8.520633	0.569827	0.000575	0.001418
1718	0.9D+1E	Combination	Min	-20.654342	-8.539369	-2.192817	-0.000568	-0.001409
1718	1.2D+1L+1Ey	Combination	Max	5.491170	12.770553	1.012939	0.000900	0.000372
1718	1.2D+1L+1Ey	Combination	Min	-5.229757	-12.779884	-3.425482	-0.000891	-0.000358
1718	0.9D+1Ey	Combination	Max	5.439443	12.765850	1.407716	0.000899	0.000370
1718	0.9D+1Ey	Combination	Min	-5.281485	-12.784586	-3.030705	-0.000892	-0.000361
1718	1D+0.5L	Combination		0.100455	-0.006496	-0.963800	3.916E-06	5.497E-06
1719	1.4D	Combination		0.161302	-0.061412	-1.283542	6.073E-06	0.000016
1719	1.2D+1.6L	Combination		0.191984	-0.047439	-1.298187	5.992E-06	0.000019
1719	1.2D+1L+1E	Combination	Max	20.005795	8.492175	0.741443	0.000603	0.001423
1719	1.2D+1L+1E	Combination	Min	-19.662120	-8.590953	-3.189311	-0.000591	-0.001389
1719	0.9D+1E	Combination	Max	19.937652	8.502085	1.140243	0.000601	0.001416

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1719	0.9D+1E	Combination	Min	-19.730263	-8.581043	-2.790511	-0.000593	-0.001395
1719	1.2D+1L+1Ey	Combination	Max	5.284601	12.731111	0.614677	0.000938	0.000379
1719	1.2D+1L+1Ey	Combination	Min	-4.940926	-12.829888	-3.062546	-0.000926	-0.000345
1719	0.9D+1Ey	Combination	Max	5.216458	12.741021	1.013477	0.000936	0.000372
1719	0.9D+1Ey	Combination	Min	-5.009069	-12.819978	-2.663746	-0.000928	-0.000351
1719	1D+0.5L	Combination		0.132005	-0.042241	-0.978693	4.584E-06	0.000013
1720	1.4D	Combination		0.237264	-0.170702	-1.390200	0.000024	0.000023
1720	1.2D+1.6L	Combination		0.307165	-0.218541	-1.426706	0.000035	0.000029
1720	1.2D+1L+1E	Combination	Max	17.824900	5.612508	2.350034	0.000456	0.001275
1720	1.2D+1L+1E	Combination	Min	-17.288417	-5.995422	-5.027117	-0.000397	-0.001224
1720	0.9D+1E	Combination	Max	17.709185	5.694228	2.794876	0.000442	0.001264
1720	0.9D+1E	Combination	Min	-17.404131	-5.913702	-4.582276	-0.000411	-0.001234
1720	1.2D+1L+1Ey	Combination	Max	4.800517	12.353795	0.374716	0.000913	0.000347
1720	1.2D+1L+1Ey	Combination	Min	-4.264034	-12.736709	-3.051799	-0.000855	-0.000297
1720	0.9D+1Ey	Combination	Max	4.684803	12.435515	0.819557	0.000900	0.000337
1720	0.9D+1Ey	Combination	Min	-4.379749	-12.654990	-2.606957	-0.000869	-0.000307
1720	1D+0.5L	Combination		0.201911	-0.144501	-1.066471	0.000022	0.000019
1721	1.4D	Combination		0.182543	-0.153603	-1.324741	0.000015	0.000011
1721	1.2D+1.6L	Combination		0.251352	-0.208053	-1.340202	0.000020	0.000016
1721	1.2D+1L+1E	Combination	Max	17.752982	6.440019	0.110296	0.000507	0.001254
1721	1.2D+1L+1E	Combination	Min	-17.321443	-6.798830	-2.637167	-0.000472	-0.001228
1721	0.9D+1E	Combination	Max	17.654561	6.520679	0.522112	0.000499	0.001248
1721	0.9D+1E	Combination	Min	-17.419863	-6.718169	-2.225350	-0.000480	-0.001234
1721	1.2D+1L+1Ey	Combination	Max	4.742550	12.398760	0.235386	0.000962	0.000333
1721	1.2D+1L+1Ey	Combination	Min	-4.311011	-12.757570	-2.762257	-0.000928	-0.000307
1721	0.9D+1Ey	Combination	Max	4.644130	12.479420	0.647203	0.000955	0.000327
1721	0.9D+1Ey	Combination	Min	-4.409432	-12.676910	-2.350441	-0.000935	-0.000313
1721	1D+0.5L	Combination		0.160040	-0.133589	-1.010215	0.000013	9.748E-06
1722	1.4D	Combination		0.239056	-0.209422	-1.398441	0.000020	-0.000041
1722	1.2D+1.6L	Combination		0.317199	-0.265032	-1.438317	0.000026	-0.000053
1722	1.2D+1L+1E	Combination	Max	17.775484	6.394935	0.636812	0.000507	0.000895
1722	1.2D+1L+1E	Combination	Min	-17.225306	-6.860854	-3.333706	-0.000461	-0.000988
1722	0.9D+1E	Combination	Max	17.654074	6.493266	1.086261	0.000497	0.000915
1722	0.9D+1E	Combination	Min	-17.346716	-6.762523	-2.884257	-0.000471	-0.000968
1722	1.2D+1L+1Ey	Combination	Max	4.818494	12.355415	1.451013	0.000955	0.000206
1722	1.2D+1L+1Ey	Combination	Min	-4.268316	-12.821333	-4.147907	-0.000910	-0.000299
1722	0.9D+1Ey	Combination	Max	4.697084	12.453746	1.900462	0.000945	0.000226
1722	0.9D+1Ey	Combination	Min	-4.389726	-12.723002	-3.698458	-0.000920	-0.000279
1722	1D+0.5L	Combination		0.205846	-0.176314	-1.073778	0.000017	-0.000035
1723	1.4D	Combination		0.227698	-0.096577	-1.247771	-0.000028	0.000019
1723	1.2D+1.6L	Combination		0.297278	-0.121789	-1.275516	-0.000038	0.000025
1723	1.2D+1L+1E	Combination	Max	17.873354	4.283298	0.853532	0.000247	0.001251
1723	1.2D+1L+1E	Combination	Min	-17.355380	-4.497619	-3.250066	-0.000312	-0.001207
1723	0.9D+1E	Combination	Max	17.760745	4.328374	1.249660	0.000262	0.001241
1723	0.9D+1E	Combination	Min	-17.467990	-4.452544	-2.853938	-0.000297	-0.001217
1723	1.2D+1L+1Ey	Combination	Max	4.805952	12.358393	0.896330	0.000759	0.000339

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1723	1.2D+1L+1Ey	Combination	Min	-4.287978	-12.572713	-3.292863	-0.000825	-0.000295
1723	0.9D+1Ey	Combination	Max	4.693343	12.403468	1.292457	0.000774	0.000330
1723	0.9D+1Ey	Combination	Min	-4.400588	-12.527638	-2.896735	-0.000810	-0.000305
1723	1D+0.5L	Combination		0.194550	-0.081174	-0.955639	-0.000024	0.000017
1724	1.4D	Combination		0.202365	-0.085785	-1.209224	9.809E-06	0.000017
1724	1.2D+1.6L	Combination		0.271462	-0.114613	-1.224693	0.000013	0.000023
1724	1.2D+1L+1E	Combination	Max	17.844767	4.374750	-0.127746	0.000343	0.001276
1724	1.2D+1L+1E	Combination	Min	-17.375348	-4.573164	-2.180478	-0.000321	-0.001237
1724	0.9D+1E	Combination	Max	17.740150	4.418809	0.249008	0.000338	0.001268
1724	0.9D+1E	Combination	Min	-17.479966	-4.529105	-1.803725	-0.000326	-0.001246
1724	1.2D+1L+1Ey	Combination	Max	4.780108	12.377431	0.913613	0.000936	0.000344
1724	1.2D+1L+1Ey	Combination	Min	-4.310689	-12.575844	-3.221837	-0.000914	-0.000304
1724	0.9D+1Ey	Combination	Max	4.675490	12.421490	1.290367	0.000932	0.000335
1724	0.9D+1Ey	Combination	Min	-4.415306	-12.531785	-2.845083	-0.000919	-0.000313
1724	1D+0.5L	Combination		0.175174	-0.074114	-0.922549	8.320E-06	0.000015
1725	1.4D	Combination		0.233287	-0.136683	-1.249551	9.037E-06	0.000019
1725	1.2D+1.6L	Combination		0.311242	-0.166556	-1.277336	0.000012	0.000025
1725	1.2D+1L+1E	Combination	Max	17.776597	4.326535	-0.148145	0.000342	0.001257
1725	1.2D+1L+1E	Combination	Min	-17.237574	-4.622598	-2.251807	-0.000321	-0.001213
1725	0.9D+1E	Combination	Max	17.657056	4.386699	0.248548	0.000337	0.001247
1725	0.9D+1E	Combination	Min	-17.357116	-4.562434	-1.855114	-0.000325	-0.001223
1725	1.2D+1L+1Ey	Combination	Max	4.814851	12.329550	0.874989	0.000933	0.000342
1725	1.2D+1L+1Ey	Combination	Min	-4.275828	-12.625613	-3.274941	-0.000913	-0.000298
1725	0.9D+1Ey	Combination	Max	4.695310	12.389714	1.271682	0.000929	0.000332
1725	0.9D+1Ey	Combination	Min	-4.395370	-12.565449	-2.878248	-0.000917	-0.000307
1725	1D+0.5L	Combination		0.201409	-0.113068	-0.957003	7.713E-06	0.000017
1726	1.4D	Combination		0.256530	-0.101056	-1.290640	0.000012	0.000020
1726	1.2D+1.6L	Combination		0.335163	-0.126288	-1.332153	0.000015	0.000027
1726	1.2D+1L+1E	Combination	Max	17.800824	4.279918	0.750372	0.000329	0.001238
1726	1.2D+1L+1E	Combination	Min	-17.216958	-4.502743	-3.245260	-0.000303	-0.001191
1726	0.9D+1E	Combination	Max	17.673803	4.326366	1.168119	0.000324	0.001227
1726	0.9D+1E	Combination	Min	-17.343979	-4.456295	-2.827513	-0.000308	-0.001201
1726	1.2D+1L+1Ey	Combination	Max	4.837045	12.356551	0.854455	0.000905	0.000338
1726	1.2D+1L+1Ey	Combination	Min	-4.253179	-12.579376	-3.349344	-0.000879	-0.000291
1726	0.9D+1Ey	Combination	Max	4.710024	12.402999	1.272203	0.000899	0.000328
1726	0.9D+1Ey	Combination	Min	-4.380200	-12.532928	-2.931596	-0.000884	-0.000302
1726	1D+0.5L	Combination		0.219261	-0.084579	-0.992476	9.901E-06	0.000017
1727	1.4D	Combination		0.215486	0.003260	-1.070499	0.000017	0.000011
1727	1.2D+1.6L	Combination		0.285373	0.015918	-1.002500	0.000024	0.000016
1727	1.2D+1L+1E	Combination	Max	17.769059	7.014415	2.645046	0.000520	0.001261
1727	1.2D+1L+1E	Combination	Min	-17.273816	-6.992422	-4.586348	-0.000479	-0.001234
1727	0.9D+1E	Combination	Max	17.659964	7.005514	2.927519	0.000510	0.001255
1727	0.9D+1E	Combination	Min	-17.382911	-7.001323	-4.303875	-0.000489	-0.001241
1727	1.2D+1L+1Ey	Combination	Max	4.771755	12.402522	0.599455	0.000888	0.000335
1727	1.2D+1L+1Ey	Combination	Min	-4.276512	-12.380529	-2.540758	-0.000847	-0.000308
1727	0.9D+1Ey	Combination	Max	4.662660	12.393621	0.881928	0.000878	0.000329
1727	0.9D+1Ey	Combination	Min	-4.385606	-12.389430	-2.258285	-0.000856	-0.000314

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1727	1D+0.5L	Combination		0.185378	0.006430	-0.791183	0.000015	0.000010
1728	1.4D	Combination		0.260383	0.036028	-1.133637	-3.183E-07	0.000021
1728	1.2D+1.6L	Combination		0.327941	0.056088	-1.086201	-2.140E-06	0.000027
1728	1.2D+1L+1E	Combination	Max	17.790181	7.925911	0.429133	0.000577	0.001268
1728	1.2D+1L+1E	Combination	Min	-17.212867	-7.832640	-2.515651	-0.000580	-0.001221
1728	0.9D+1E	Combination	Max	17.668913	7.902436	0.743625	0.000578	0.001258
1728	0.9D+1E	Combination	Min	-17.334135	-7.856115	-2.201159	-0.000579	-0.001231
1728	1.2D+1L+1Ey	Combination	Max	4.808984	12.376972	0.316155	0.000932	0.000344
1728	1.2D+1L+1Ey	Combination	Min	-4.231669	-12.283701	-2.402674	-0.000935	-0.000297
1728	0.9D+1Ey	Combination	Max	4.687716	12.353497	0.630648	0.000933	0.000335
1728	0.9D+1Ey	Combination	Min	-4.352937	-12.307176	-2.088181	-0.000933	-0.000307
1728	1D+0.5L	Combination		0.218724	0.033611	-0.845526	-8.108E-07	0.000018
1729	1.4D	Combination		0.232686	-0.017763	-1.137603	-1.150E-07	6.678E-06
1729	1.2D+1.6L	Combination		0.311942	0.004472	-1.084756	-1.448E-06	7.810E-06
1729	1.2D+1L+1E	Combination	Max	17.788797	7.890430	1.300218	0.000579	0.001149
1729	1.2D+1L+1E	Combination	Min	-17.249286	-7.896259	-3.387479	-0.000581	-0.001135
1729	0.9D+1E	Combination	Max	17.668626	7.881926	1.612533	0.000580	0.001146
1729	0.9D+1E	Combination	Min	-17.369457	-7.904763	-3.075165	-0.000580	-0.001138
1729	1.2D+1L+1Ey	Combination	Max	4.817938	12.346012	1.849663	0.000931	0.000314
1729	1.2D+1L+1Ey	Combination	Min	-4.278427	-12.351841	-3.936924	-0.000933	-0.000300
1729	0.9D+1Ey	Combination	Max	4.697767	12.337507	2.161977	0.000932	0.000311
1729	0.9D+1Ey	Combination	Min	-4.398599	-12.360345	-3.624610	-0.000932	-0.000303
1729	1D+0.5L	Combination		0.201360	-0.006532	-0.846845	-5.039E-07	5.422E-06
1730	1.4D	Combination		0.145215	-0.146416	-1.163437	0.000015	0.000027
1730	1.2D+1.6L	Combination		0.175262	-0.223804	-1.101632	0.000020	0.000036
1730	1.2D+1L+1E	Combination	Max	25.528774	9.493478	0.558855	0.000595	0.001541
1730	1.2D+1L+1E	Combination	Min	-25.216344	-9.867357	-2.683819	-0.000560	-0.001479
1730	0.9D+1E	Combination	Max	25.465912	9.586293	0.873413	0.000588	0.001527
1730	0.9D+1E	Combination	Min	-25.279206	-9.774542	-2.369260	-0.000568	-0.001493
1730	1.2D+1L+1Ey	Combination	Max	6.711807	15.238428	1.537510	0.000986	0.000420
1730	1.2D+1L+1Ey	Combination	Min	-6.399377	-15.612308	-3.662474	-0.000951	-0.000358
1730	0.9D+1Ey	Combination	Max	6.648945	15.331244	1.852069	0.000978	0.000406
1730	0.9D+1Ey	Combination	Min	-6.462239	-15.519493	-3.347916	-0.000959	-0.000372
1730	1D+0.5L	Combination		0.119598	-0.135303	-0.863651	0.000013	0.000023
1731	1.4D	Combination		0.131557	-0.191156	-1.225858	0.000015	0.000017
1731	1.2D+1.6L	Combination		0.171874	-0.266753	-1.187301	0.000021	0.000020
1731	1.2D+1L+1E	Combination	Max	24.451312	9.462680	0.995767	0.000613	0.001496
1731	1.2D+1L+1E	Combination	Min	-24.151897	-9.919007	-3.267945	-0.000576	-0.001460
1731	0.9D+1E	Combination	Max	24.386177	9.567957	1.343804	0.000604	0.001489
1731	0.9D+1E	Combination	Min	-24.217032	-9.813729	-2.919907	-0.000584	-0.001467
1731	1.2D+1L+1Ey	Combination	Max	6.411864	15.196331	0.631288	0.001013	0.000398
1731	1.2D+1L+1Ey	Combination	Min	-6.112449	-15.652659	-2.903466	-0.000977	-0.000362
1731	0.9D+1Ey	Combination	Max	6.346729	15.301609	0.979326	0.001005	0.000391
1731	0.9D+1Ey	Combination	Min	-6.177584	-15.547381	-2.555429	-0.000985	-0.000369
1731	1D+0.5L	Combination		0.112442	-0.168698	-0.918290	0.000014	0.000014
1732	1.4D	Combination		0.175842	-0.150583	-1.278873	-5.851E-06	0.000011
1732	1.2D+1.6L	Combination		0.215095	-0.218746	-1.252651	-9.631E-06	0.000014
1732	1.2D+1L+1E	Combination	Max	24.499080	8.267208	2.593460	0.000502	0.001465

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1732	1.2D+1L+1E	Combination	Min	-24.117171	-8.637444	-4.981407	-0.000518	-0.001441
1732	0.9D+1E	Combination	Max	24.421166	8.355523	2.965300	0.000507	0.001460
1732	0.9D+1E	Combination	Min	-24.195084	-8.549130	-4.609566	-0.000514	-0.001446
1732	1.2D+1L+1Ey	Combination	Max	6.455467	15.230300	0.689789	0.000990	0.000386
1732	1.2D+1L+1Ey	Combination	Min	-6.073558	-15.600536	-3.077737	-0.001006	-0.000362
1732	0.9D+1Ey	Combination	Max	6.377553	15.318614	1.061630	0.000994	0.000381
1732	0.9D+1Ey	Combination	Min	-6.151471	-15.512222	-2.705896	-0.001002	-0.000367
1732	1D+0.5L	Combination		0.145718	-0.135583	-0.962379	-5.622E-06	9.119E-06
1733	1.4D	Combination		0.137666	-0.099622	-1.443750	0.000011	0.000012
1733	1.2D+1.6L	Combination		0.167497	-0.137004	-1.454981	0.000014	0.000014
1733	1.2D+1L+1E	Combination	Max	25.527754	5.426368	-0.215624	0.000366	0.001546
1733	1.2D+1L+1E	Combination	Min	-25.229882	-5.661665	-2.531227	-0.000341	-0.001521
1733	0.9D+1E	Combination	Max	25.467318	5.479974	0.229677	0.000360	0.001541
1733	0.9D+1E	Combination	Min	-25.290318	-5.608059	-2.085927	-0.000346	-0.001526
1733	1.2D+1L+1Ey	Combination	Max	6.706012	15.311751	0.768113	0.000994	0.000407
1733	1.2D+1L+1Ey	Combination	Min	-6.408140	-15.547049	-3.514964	-0.000969	-0.000383
1733	0.9D+1Ey	Combination	Max	6.645576	15.365357	1.213413	0.000989	0.000403
1733	0.9D+1Ey	Combination	Min	-6.468576	-15.493442	-3.069663	-0.000974	-0.000388
1733	1D+0.5L	Combination		0.113801	-0.087288	-1.099213	9.416E-06	9.394E-06
1734	1.4D	Combination		0.162066	-0.114559	-1.470476	2.181E-06	0.000013
1734	1.2D+1.6L	Combination		0.192145	-0.147477	-1.487104	-5.620E-06	0.000016
1734	1.2D+1L+1E	Combination	Max	25.551874	5.309259	1.062545	0.000292	0.001532
1734	1.2D+1L+1E	Combination	Min	-25.207507	-5.567251	-3.866730	-0.000297	-0.001503
1734	0.9D+1E	Combination	Max	25.483876	5.364610	1.519332	0.000296	0.001526
1734	0.9D+1E	Combination	Min	-25.275506	-5.511900	-3.409943	-0.000293	-0.001509
1734	1.2D+1L+1Ey	Combination	Max	6.728704	15.309597	0.810688	0.000815	0.000405
1734	1.2D+1L+1Ey	Combination	Min	-6.384337	-15.567589	-3.614873	-0.000821	-0.000377
1734	0.9D+1Ey	Combination	Max	6.660706	15.364948	1.267475	0.000819	0.000399
1734	0.9D+1Ey	Combination	Min	-6.452335	-15.512239	-3.158086	-0.000817	-0.000382
1734	1D+0.5L	Combination		0.132396	-0.097229	-1.121182	-7.824E-07	0.000011
1735	1.4D	Combination		0.149767	-0.148027	-1.490774	0.000011	0.000014
1735	1.2D+1.6L	Combination		0.189218	-0.186074	-1.514696	0.000013	0.000017
1735	1.2D+1L+1E	Combination	Max	24.536372	5.381691	-0.143424	0.000366	0.001486
1735	1.2D+1L+1E	Combination	Min	-24.203570	-5.709444	-2.708300	-0.000342	-0.001457
1735	0.9D+1E	Combination	Max	24.466250	5.450408	0.324084	0.000361	0.001480
1735	0.9D+1E	Combination	Min	-24.273692	-5.640728	-2.240793	-0.000347	-0.001463
1735	1.2D+1L+1Ey	Combination	Max	6.444309	15.266126	0.667769	0.000996	0.000393
1735	1.2D+1L+1Ey	Combination	Min	-6.111508	-15.593878	-3.519493	-0.000973	-0.000363
1735	0.9D+1Ey	Combination	Max	6.374188	15.334842	1.135276	0.000992	0.000387
1735	0.9D+1Ey	Combination	Min	-6.181630	-15.525162	-3.051985	-0.000978	-0.000369
1735	1D+0.5L	Combination		0.125991	-0.124232	-1.138866	8.798E-06	0.000011
1736	1.4D	Combination		0.173772	-0.119687	-1.522915	-7.306E-06	0.000016
1736	1.2D+1.6L	Combination		0.213691	-0.152680	-1.553773	3.762E-06	0.000019
1736	1.2D+1L+1E	Combination	Max	24.559617	5.304228	0.709203	0.000299	0.001452
1736	1.2D+1L+1E	Combination	Min	-24.180792	-5.572019	-3.630436	-0.000299	-0.001417
1736	0.9D+1E	Combination	Max	24.481915	5.361182	1.190802	0.000294	0.001445
1736	0.9D+1E	Combination	Min	-24.258494	-5.515065	-3.148836	-0.000303	-0.001425

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1736	1.2D+1L+1Ey	Combination	Max	6.467816	15.304118	0.644283	0.000845	0.000387
1736	1.2D+1L+1Ey	Combination	Min	-6.088992	-15.571910	-3.565517	-0.000845	-0.000353
1736	0.9D+1Ey	Combination	Max	6.390114	15.361073	1.125883	0.000840	0.000380
1736	0.9D+1Ey	Combination	Min	-6.166694	-15.514955	-3.083917	-0.000849	-0.000360
1736	1D+0.5L	Combination		0.144355	-0.101144	-1.165427	-2.086E-06	0.000013
1737	1.4D	Combination		0.157385	-0.031206	-1.412886	7.321E-06	7.911E-06
1737	1.2D+1.6L	Combination		0.187358	-0.014529	-1.433188	6.476E-06	8.650E-06
1737	1.2D+1L+1E	Combination	Max	25.542323	10.375537	0.087338	0.000599	0.001477
1737	1.2D+1L+1E	Combination	Min	-25.206950	-10.413760	-2.787107	-0.000586	-0.001461
1737	0.9D+1E	Combination	Max	25.475813	10.374588	0.528939	0.000597	0.001474
1737	0.9D+1E	Combination	Min	-25.273460	-10.414710	-2.345506	-0.000588	-0.001464
1737	1.2D+1L+1Ey	Combination	Max	6.723208	15.740456	0.955892	0.000953	0.000388
1737	1.2D+1L+1Ey	Combination	Min	-6.387835	-15.778679	-3.655660	-0.000940	-0.000372
1737	0.9D+1Ey	Combination	Max	6.656697	15.739506	1.397492	0.000951	0.000385
1737	0.9D+1Ey	Combination	Min	-6.454345	-15.779629	-3.214060	-0.000942	-0.000375
1737	1D+0.5L	Combination		0.128810	-0.018472	-1.078624	5.292E-06	6.235E-06
1738	1.4D	Combination		0.196776	-0.075897	-1.439811	7.711E-06	9.381E-06
1738	1.2D+1.6L	Combination		0.236161	-0.059825	-1.456751	7.752E-06	0.000012
1738	1.2D+1L+1E	Combination	Max	24.517243	10.343221	0.689360	0.000625	0.001484
1738	1.2D+1L+1E	Combination	Min	-24.095542	-10.466793	-3.435892	-0.000611	-0.001462
1738	0.9D+1E	Combination	Max	24.432891	10.356216	1.137033	0.000623	0.001479
1738	0.9D+1E	Combination	Min	-24.179893	-10.453798	-2.988219	-0.000613	-0.001467
1738	1.2D+1L+1Ey	Combination	Max	6.472853	15.705504	0.614619	0.000992	0.000390
1738	1.2D+1L+1Ey	Combination	Min	-6.051153	-15.829076	-3.361150	-0.000977	-0.000368
1738	0.9D+1Ey	Combination	Max	6.388502	15.718499	1.062291	0.000989	0.000385
1738	0.9D+1Ey	Combination	Min	-6.135504	-15.816081	-2.913477	-0.000979	-0.000373
1738	1D+0.5L	Combination		0.161647	-0.052578	-1.098008	5.865E-06	8.042E-06
1739	1.4D	Combination		0.291264	-0.211742	-1.556102	0.000025	0.000016
1739	1.2D+1.6L	Combination		0.379112	-0.273080	-1.596798	0.000036	0.000022
1739	1.2D+1L+1E	Combination	Max	21.844264	6.940845	2.357737	0.000483	0.001310
1739	1.2D+1L+1E	Combination	Min	-21.183133	-7.418315	-5.354085	-0.000421	-0.001273
1739	0.9D+1E	Combination	Max	21.700940	7.043460	2.855560	0.000468	0.001302
1739	0.9D+1E	Combination	Min	-21.326458	-7.315700	-4.856262	-0.000436	-0.001281
1739	1.2D+1L+1Ey	Combination	Max	5.881873	15.310735	0.337235	0.000971	0.000352
1739	1.2D+1L+1Ey	Combination	Min	-5.220743	-15.788205	-3.333583	-0.000910	-0.000314
1739	0.9D+1Ey	Combination	Max	5.738549	15.413350	0.835058	0.000956	0.000343
1739	0.9D+1Ey	Combination	Min	-5.364067	-15.685590	-2.835760	-0.000924	-0.000323
1739	1D+0.5L	Combination		0.248501	-0.179865	-1.193688	0.000023	0.000014
1740	1.4D	Combination		0.238344	-0.201169	-1.486309	0.000016	0.000020
1740	1.2D+1.6L	Combination		0.325124	-0.271084	-1.504131	0.000021	0.000026
1740	1.2D+1L+1E	Combination	Max	21.780606	7.949347	0.024932	0.000534	0.001326
1740	1.2D+1L+1E	Combination	Min	-21.220980	-8.417525	-2.860580	-0.000498	-0.001281
1740	0.9D+1E	Combination	Max	21.654014	8.054113	0.487272	0.000526	0.001316
1740	0.9D+1E	Combination	Min	-21.347572	-8.312759	-2.398241	-0.000506	-0.001290
1740	1.2D+1L+1Ey	Combination	Max	5.827218	15.364501	0.197253	0.001021	0.000358
1740	1.2D+1L+1Ey	Combination	Min	-5.267592	-15.832680	-3.032902	-0.000985	-0.000313

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1740	0.9D+1Ey	Combination	Max	5.700626	15.469268	0.659593	0.001013	0.000349
1740	0.9D+1Ey	Combination	Min	-5.394184	-15.727913	-2.570562	-0.000993	-0.000323
1740	1D+0.5L	Combination		0.208005	-0.174521	-1.133572	0.000014	0.000017
1741	1.4D	Combination		0.299443	-0.254425	-1.564967	0.000020	-0.000040
1741	1.2D+1.6L	Combination		0.397862	-0.325459	-1.609343	0.000027	-0.000051
1741	1.2D+1L+1E	Combination	Max	21.759970	7.904134	0.598152	0.000534	0.000938
1741	1.2D+1L+1E	Combination	Min	-21.070143	-8.474517	-3.615882	-0.000487	-0.001028
1741	0.9D+1E	Combination	Max	21.607555	8.025766	1.100967	0.000524	0.000957
1741	0.9D+1E	Combination	Min	-21.222557	-8.352884	-3.113068	-0.000497	-0.001009
1741	1.2D+1L+1Ey	Combination	Max	5.900444	15.319414	1.451010	0.001012	0.000219
1741	1.2D+1L+1Ey	Combination	Min	-5.210617	-15.889797	-4.468740	-0.000965	-0.000309
1741	0.9D+1Ey	Combination	Max	5.748029	15.441046	1.953824	0.001002	0.000238
1741	0.9D+1Ey	Combination	Min	-5.363031	-15.768164	-3.965925	-0.000976	-0.000289
1741	1D+0.5L	Combination		0.258012	-0.215289	-1.201566	0.000018	-0.000034
1742	1.4D	Combination		0.282484	-0.124378	-1.396832	-0.000027	0.000020
1742	1.2D+1.6L	Combination		0.370080	-0.157243	-1.427884	-0.000037	0.000026
1742	1.2D+1L+1E	Combination	Max	21.891323	5.300277	0.797034	0.000265	0.001302
1742	1.2D+1L+1E	Combination	Min	-21.247126	-5.576789	-3.479853	-0.000328	-0.001256
1742	0.9D+1E	Combination	Max	21.750821	5.358576	1.240480	0.000279	0.001292
1742	0.9D+1E	Combination	Min	-21.387627	-5.518491	-3.036407	-0.000314	-0.001266
1742	1.2D+1L+1Ey	Combination	Max	5.887509	15.302091	0.889023	0.000808	0.000353
1742	1.2D+1L+1Ey	Combination	Min	-5.243313	-15.578603	-3.571842	-0.000872	-0.000307
1742	0.9D+1Ey	Combination	Max	5.747008	15.360389	1.332469	0.000823	0.000343
1742	0.9D+1Ey	Combination	Min	-5.383814	-15.520304	-3.128396	-0.000858	-0.000317
1742	1D+0.5L	Combination		0.241759	-0.104664	-1.069800	-0.000024	0.000017
1743	1.4D	Combination		0.258338	-0.116697	-1.356308	0.000011	0.000019
1743	1.2D+1.6L	Combination		0.345468	-0.154195	-1.374126	0.000014	0.000025
1743	1.2D+1L+1E	Combination	Max	21.865738	5.408955	-0.209375	0.000365	0.001330
1743	1.2D+1L+1E	Combination	Min	-21.267829	-5.676718	-2.380195	-0.000340	-0.001287
1743	0.9D+1E	Combination	Max	21.732858	5.467817	0.213497	0.000359	0.001320
1743	0.9D+1E	Combination	Min	-21.400709	-5.617855	-1.957322	-0.000346	-0.001296
1743	1.2D+1L+1Ey	Combination	Max	5.863279	15.319377	0.907502	0.000994	0.000358
1743	1.2D+1L+1Ey	Combination	Min	-5.265370	-15.587140	-3.497072	-0.000970	-0.000316
1743	0.9D+1Ey	Combination	Max	5.730399	15.378239	1.330374	0.000989	0.000349
1743	0.9D+1Ey	Combination	Min	-5.398250	-15.528278	-3.074199	-0.000975	-0.000325
1743	1D+0.5L	Combination		0.223288	-0.100283	-1.034909	9.146E-06	0.000016
1744	1.4D	Combination		0.294035	-0.165408	-1.402347	9.957E-06	0.000021
1744	1.2D+1.6L	Combination		0.392276	-0.203943	-1.434133	0.000013	0.000027
1744	1.2D+1L+1E	Combination	Max	21.759653	5.362798	-0.230019	0.000363	0.001308
1744	1.2D+1L+1E	Combination	Min	-21.080285	-5.724061	-2.464157	-0.000340	-0.001260
1744	0.9D+1E	Combination	Max	21.608992	5.437095	0.215560	0.000358	0.001297
1744	0.9D+1E	Combination	Min	-21.230947	-5.649763	-2.018578	-0.000345	-0.001271
1744	1.2D+1L+1Ey	Combination	Max	5.896695	15.273728	0.865576	0.000991	0.000356
1744	1.2D+1L+1Ey	Combination	Min	-5.217327	-15.634991	-3.559752	-0.000968	-0.000309
1744	0.9D+1Ey	Combination	Max	5.746034	15.348025	1.311155	0.000986	0.000346
1744	0.9D+1Ey	Combination	Min	-5.367989	-15.560693	-3.114173	-0.000973	-0.000319
1744	1D+0.5L	Combination		0.253852	-0.137575	-1.074215	8.521E-06	0.000018
1745	1.4D	Combination		0.316299	-0.128609	-1.445894	0.000013	0.000021

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1745	1.2D+1.6L	Combination		0.415208	-0.161485	-1.492509	0.000017	0.000029
1745	1.2D+1L+1E	Combination	Max	21.781357	5.297126	0.675895	0.000350	0.001287
1745	1.2D+1L+1E	Combination	Min	-21.059011	-5.581659	-3.471034	-0.000320	-0.001238
1745	0.9D+1E	Combination	Max	21.623519	5.356716	1.143961	0.000344	0.001276
1745	0.9D+1E	Combination	Min	-21.216849	-5.522070	-3.002967	-0.000327	-0.001249
1745	1.2D+1L+1Ey	Combination	Max	5.917521	15.300519	0.845310	0.000961	0.000352
1745	1.2D+1L+1Ey	Combination	Min	-5.195176	-15.585052	-3.640450	-0.000932	-0.000302
1745	0.9D+1Ey	Combination	Max	5.759684	15.360108	1.313377	0.000955	0.000340
1745	0.9D+1Ey	Combination	Min	-5.353013	-15.525463	-3.172383	-0.000938	-0.000313
1745	1D+0.5L	Combination		0.270958	-0.107879	-1.111897	0.000011	0.000018
1746	1.4D	Combination		0.272919	-0.004619	-1.200816	0.000016	0.000020
1746	1.2D+1.6L	Combination		0.361062	0.009736	-1.124968	0.000024	0.000026
1746	1.2D+1L+1E	Combination	Max	21.787950	8.635389	2.683823	0.000546	0.001312
1746	1.2D+1L+1E	Combination	Min	-21.161174	-8.626189	-4.861986	-0.000506	-0.001267
1746	0.9D+1E	Combination	Max	21.650011	8.627819	3.000951	0.000536	0.001302
1746	0.9D+1E	Combination	Min	-21.299114	-8.633758	-4.544857	-0.000516	-0.001276
1746	1.2D+1L+1Ey	Combination	Max	5.855247	15.370600	0.588085	0.000942	0.000355
1746	1.2D+1L+1Ey	Combination	Min	-5.228471	-15.361401	-2.766247	-0.000902	-0.000309
1746	0.9D+1Ey	Combination	Max	5.717307	15.363031	0.905213	0.000932	0.000345
1746	0.9D+1Ey	Combination	Min	-5.366410	-15.368970	-2.449119	-0.000911	-0.000319
1746	1D+0.5L	Combination		0.234671	0.000980	-0.887631	0.000015	0.000017
1747	1.4D	Combination		0.316386	0.030656	-1.269263	2.288E-06	0.000015
1747	1.2D+1.6L	Combination		0.402279	0.054255	-1.215948	8.765E-07	0.000021
1747	1.2D+1L+1E	Combination	Max	21.814387	9.764102	0.380005	0.000608	0.001326
1747	1.2D+1L+1E	Combination	Min	-21.108148	-9.676576	-2.715895	-0.000605	-0.001290
1747	0.9D+1E	Combination	Max	21.664658	9.740047	0.731995	0.000608	0.001317
1747	0.9D+1E	Combination	Min	-21.257877	-9.700632	-2.363905	-0.000605	-0.001298
1747	1.2D+1L+1Ey	Combination	Max	5.892557	15.356711	0.286342	0.000990	0.000355
1747	1.2D+1L+1Ey	Combination	Min	-5.186318	-15.269185	-2.622232	-0.000988	-0.000319
1747	0.9D+1Ey	Combination	Max	5.742829	15.332655	0.638332	0.000990	0.000346
1747	0.9D+1Ey	Combination	Min	-5.336047	-15.293240	-2.270242	-0.000987	-0.000327
1747	1D+0.5L	Combination		0.266956	0.030640	-0.946619	1.295E-06	0.000013
1748	1.4D	Combination		0.294018	-0.020779	-1.278834	2.629E-06	6.799E-06
1748	1.2D+1.6L	Combination		0.393587	0.004845	-1.220824	1.757E-06	7.956E-06
1748	1.2D+1L+1E	Combination	Max	21.774753	9.726562	1.314723	0.000609	0.001197
1748	1.2D+1L+1E	Combination	Min	-21.093758	-9.733864	-3.662860	-0.000605	-0.001183
1748	0.9D+1E	Combination	Max	21.623267	9.716855	1.666684	0.000609	0.001194
1748	0.9D+1E	Combination	Min	-21.245244	-9.743571	-3.310899	-0.000606	-0.001186
1748	1.2D+1L+1Ey	Combination	Max	5.900920	15.322409	1.895613	0.000988	0.000327
1748	1.2D+1L+1Ey	Combination	Min	-5.219925	-15.329710	-4.243750	-0.000985	-0.000313
1748	0.9D+1Ey	Combination	Max	5.749434	15.312702	2.247574	0.000988	0.000325
1748	0.9D+1Ey	Combination	Min	-5.371411	-15.339418	-3.891789	-0.000985	-0.000316
1748	1D+0.5L	Combination		0.254254	-0.007762	-0.952415	1.723E-06	5.521E-06
1749	1.4D	Combination		0.184290	-0.195497	-1.281787	0.000017	0.000028
1749	1.2D+1.6L	Combination		0.222065	-0.290826	-1.214050	0.000022	0.000037
1749	1.2D+1L+1E	Combination	Max	30.338532	11.285587	0.521029	0.000617	0.001581
1749	1.2D+1L+1E	Combination	Min	-29.942479	-11.774797	-2.862599	-0.000579	-0.001516
1749	0.9D+1E	Combination	Max	30.258978	11.404515	0.867808	0.000609	0.001566

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1749	0.9D+1E	Combination	Min	-30.022033	-11.655869	-2.515820	-0.000587	-0.001531
1749	1.2D+1L+1Ey	Combination	Max	7.980148	18.347648	1.531105	0.001039	0.000431
1749	1.2D+1L+1Ey	Combination	Min	-7.584095	-18.836857	-3.872674	-0.001000	-0.000367
1749	0.9D+1Ey	Combination	Max	7.900593	18.466576	1.877883	0.001030	0.000417
1749	0.9D+1Ey	Combination	Min	-7.663649	-18.717929	-3.525895	-0.001009	-0.000381
1749	1D+0.5L	Combination		0.151668	-0.178159	-0.951617	0.000014	0.000024
1750	1.4D	Combination		0.175734	-0.238127	-1.352772	0.000017	0.000012
1750	1.2D+1.6L	Combination		0.225853	-0.331770	-1.310511	0.000024	0.000016
1750	1.2D+1L+1E	Combination	Max	29.102560	11.255412	0.967583	0.000634	0.001525
1750	1.2D+1L+1E	Combination	Min	-28.707272	-11.823206	-3.475361	-0.000594	-0.001497
1750	0.9D+1E	Combination	Max	29.017888	11.386227	1.351832	0.000625	0.001519
1750	0.9D+1E	Combination	Min	-28.791944	-11.692390	-3.091111	-0.000603	-0.001503
1750	1.2D+1L+1Ey	Combination	Max	7.642198	18.310727	0.633374	0.001067	0.000403
1750	1.2D+1L+1Ey	Combination	Min	-7.246910	-18.878521	-3.141153	-0.001026	-0.000375
1750	0.9D+1Ey	Combination	Max	7.557526	18.441542	1.017624	0.001058	0.000397
1750	0.9D+1Ey	Combination	Min	-7.331582	-18.747706	-2.756903	-0.001036	-0.000381
1750	1D+0.5L	Combination		0.149032	-0.209985	-1.013451	0.000015	0.000011
1751	1.4D	Combination		0.217360	-0.195690	-1.410561	-3.993E-06	0.000018
1751	1.2D+1.6L	Combination		0.266497	-0.279950	-1.381809	-7.386E-06	0.000021
1751	1.2D+1L+1E	Combination	Max	29.141800	9.849546	2.566828	0.000523	0.001519
1751	1.2D+1L+1E	Combination	Min	-28.668948	-10.325285	-5.200879	-0.000535	-0.001481
1751	0.9D+1E	Combination	Max	29.045105	9.961614	2.977064	0.000526	0.001512
1751	0.9D+1E	Combination	Min	-28.765643	-10.213216	-4.790642	-0.000531	-0.001489
1751	1.2D+1L+1Ey	Combination	Max	7.681779	18.333043	0.676693	0.001040	0.000405
1751	1.2D+1L+1Ey	Combination	Min	-7.208926	-18.808782	-3.310744	-0.001052	-0.000367
1751	0.9D+1Ey	Combination	Max	7.585084	18.445111	1.086929	0.001043	0.000397
1751	0.9D+1Ey	Combination	Min	-7.305622	-18.696713	-2.900508	-0.001048	-0.000375
1751	1D+0.5L	Combination		0.180316	-0.174846	-1.061530	-4.091E-06	0.000014
1752	1.4D	Combination		0.177230	-0.134452	-1.590190	0.000012	0.000012
1752	1.2D+1.6L	Combination		0.214790	-0.181504	-1.602631	0.000015	0.000015
1752	1.2D+1L+1E	Combination	Max	30.336951	6.510623	-0.298885	0.000384	0.001584
1752	1.2D+1L+1E	Combination	Min	-29.954530	-6.823937	-2.726669	-0.000357	-0.001558
1752	0.9D+1E	Combination	Max	30.259675	6.580847	0.191627	0.000378	0.001579
1752	0.9D+1E	Combination	Min	-30.031807	-6.753714	-2.236157	-0.000363	-0.001563
1752	1.2D+1L+1Ey	Combination	Max	7.974489	18.397403	0.734689	0.001043	0.000418
1752	1.2D+1L+1Ey	Combination	Min	-7.592068	-18.710717	-3.760242	-0.001016	-0.000392
1752	0.9D+1Ey	Combination	Max	7.897212	18.467627	1.225201	0.001037	0.000413
1752	0.9D+1Ey	Combination	Min	-7.669344	-18.640494	-3.269730	-0.001022	-0.000397
1752	1D+0.5L	Combination		0.146243	-0.116743	-1.210728	0.000010	0.000010
1753	1.4D	Combination		0.200222	-0.145922	-1.618967	-2.036E-06	0.000014
1753	1.2D+1.6L	Combination		0.238010	-0.187440	-1.637352	-9.903E-06	0.000017
1753	1.2D+1L+1E	Combination	Max	30.357676	6.374338	0.973473	0.000300	0.001573
1753	1.2D+1L+1E	Combination	Min	-29.931449	-6.702446	-4.060927	-0.000314	-0.001542
1753	0.9D+1E	Combination	Max	30.273277	6.444585	1.476436	0.000306	0.001566
1753	0.9D+1E	Combination	Min	-30.015848	-6.632199	-3.557964	-0.000309	-0.001548
1753	1.2D+1L+1Ey	Combination	Max	7.995358	18.395895	0.781234	0.000849	0.000416

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1753	1.2D+1L+1Ey	Combination	Min	-7.569132	-18.724002	-3.868688	-0.000862	-0.000386
1753	0.9D+1Ey	Combination	Max	7.910959	18.466141	1.284197	0.000854	0.000410
1753	0.9D+1Ey	Combination	Min	-7.653531	-18.653755	-3.365725	-0.000857	-0.000392
1753	1D+0.5L	Combination		0.163763	-0.123719	-1.234425	-4.004E-06	0.000012
1754	1.4D	Combination		0.192913	-0.180244	-1.644111	0.000011	0.000015
1754	1.2D+1.6L	Combination		0.242141	-0.227935	-1.670869	0.000014	0.000018
1754	1.2D+1L+1E	Combination	Max	29.178585	6.468029	-0.229308	0.000384	0.001526
1754	1.2D+1L+1E	Combination	Min	-28.751893	-6.868819	-2.916207	-0.000359	-0.001494
1754	0.9D+1E	Combination	Max	29.089255	6.552553	0.286521	0.000378	0.001519
1754	0.9D+1E	Combination	Min	-28.841224	-6.784295	-2.400378	-0.000364	-0.001501
1754	1.2D+1L+1Ey	Combination	Max	7.671553	18.354383	0.626611	0.001046	0.000404
1754	1.2D+1L+1Ey	Combination	Min	-7.244861	-18.755173	-3.772126	-0.001020	-0.000372
1754	0.9D+1Ey	Combination	Max	7.582222	18.438907	1.142440	0.001040	0.000397
1754	0.9D+1Ey	Combination	Min	-7.334191	-18.670649	-3.256297	-0.001026	-0.000379
1754	1D+0.5L	Combination		0.161791	-0.151696	-1.256125	9.494E-06	0.000012
1755	1.4D	Combination		0.215670	-0.150552	-1.678258	4.242E-06	0.000017
1755	1.2D+1.6L	Combination		0.265360	-0.192135	-1.712582	0.000016	0.000021
1755	1.2D+1L+1E	Combination	Max	29.199175	6.369761	0.604708	0.000324	0.001492
1755	1.2D+1L+1E	Combination	Min	-28.728830	-6.706713	-3.824315	-0.000301	-0.001455
1755	0.9D+1E	Combination	Max	29.102647	6.441453	1.135632	0.000315	0.001484
1755	0.9D+1E	Combination	Min	-28.825357	-6.635020	-3.293392	-0.000309	-0.001462
1755	1.2D+1L+1Ey	Combination	Max	7.693477	18.390979	0.596837	0.000895	0.000398
1755	1.2D+1L+1Ey	Combination	Min	-7.223133	-18.727931	-3.816444	-0.000872	-0.000361
1755	0.9D+1Ey	Combination	Max	7.596950	18.462671	1.127761	0.000886	0.000390
1755	0.9D+1Ey	Combination	Min	-7.319660	-18.656238	-3.285521	-0.000881	-0.000369
1755	1D+0.5L	Combination		0.179206	-0.127253	-1.284404	6.892E-06	0.000014
1756	1.4D	Combination		0.195661	-0.052116	-1.555878	8.759E-06	9.117E-06
1756	1.2D+1.6L	Combination		0.233367	-0.033838	-1.577799	8.060E-06	0.000010
1756	1.2D+1L+1E	Combination	Max	30.351568	12.267528	-0.012734	0.000617	0.001517
1756	1.2D+1L+1E	Combination	Min	-29.934078	-12.343329	-2.959722	-0.000601	-0.001498
1756	0.9D+1E	Combination	Max	30.268605	12.271925	0.473286	0.000614	0.001513
1756	0.9D+1E	Combination	Min	-30.017041	-12.338932	-2.473702	-0.000603	-0.001502
1756	1.2D+1L+1Ey	Combination	Max	7.990739	18.843496	0.874660	0.000997	0.000399
1756	1.2D+1L+1Ey	Combination	Min	-7.573249	-18.919297	-3.847117	-0.000981	-0.000380
1756	0.9D+1Ey	Combination	Max	7.907776	18.847893	1.360681	0.000995	0.000395
1756	0.9D+1Ey	Combination	Min	-7.656212	-18.914900	-3.361096	-0.000983	-0.000384
1756	1D+0.5L	Combination		0.160276	-0.033841	-1.187651	6.429E-06	7.217E-06
1757	1.4D	Combination		0.235231	-0.094679	-1.589138	9.066E-06	0.000017
1757	1.2D+1.6L	Combination		0.284257	-0.076987	-1.608385	9.293E-06	0.000020
1757	1.2D+1L+1E	Combination	Max	29.161799	12.236114	0.623325	0.000642	0.001524
1757	1.2D+1L+1E	Combination	Min	-28.655258	-12.393213	-3.655394	-0.000625	-0.001488
1757	0.9D+1E	Combination	Max	29.059748	12.253798	1.117771	0.000639	0.001517
1757	0.9D+1E	Combination	Min	-28.757309	-12.375529	-3.160948	-0.000628	-0.001495
1757	1.2D+1L+1Ey	Combination	Max	7.697089	18.812494	0.602772	0.001036	0.000405
1757	1.2D+1L+1Ey	Combination	Min	-7.190549	-18.969594	-3.634842	-0.001019	-0.000369
1757	0.9D+1Ey	Combination	Max	7.595039	18.830179	1.097218	0.001033	0.000398
1757	0.9D+1Ey	Combination	Min	-7.292599	-18.951909	-3.140396	-0.001021	-0.000376

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1757	1D+0.5L	Combination		0.193844	-0.066326	-1.212057	6.952E-06	0.000014
1758	1.4D	Combination		0.347644	-0.256323	-1.713656	0.000026	0.000023
1758	1.2D+1.6L	Combination		0.454794	-0.332454	-1.758303	0.000037	0.000030
1758	1.2D+1L+1E	Combination	Max	25.982956	8.329251	2.322581	0.000503	0.001362
1758	1.2D+1L+1E	Combination	Min	-25.190978	-8.909598	-5.622095	-0.000440	-0.001310
1758	0.9D+1E	Combination	Max	25.810452	8.454645	2.870702	0.000488	0.001350
1758	0.9D+1E	Combination	Min	-25.363482	-8.784204	-5.073974	-0.000455	-0.001321
1758	1.2D+1L+1Ey	Combination	Max	6.995475	18.416123	0.287308	0.001017	0.000370
1758	1.2D+1L+1Ey	Combination	Min	-6.203496	-18.996469	-3.586822	-0.000953	-0.000318
1758	0.9D+1Ey	Combination	Max	6.822971	18.541517	0.835429	0.001002	0.000359
1758	0.9D+1Ey	Combination	Min	-6.376000	-18.871075	-3.038701	-0.000968	-0.000329
1758	1D+0.5L	Combination		0.297321	-0.218322	-1.314495	0.000023	0.000020
1759	1.4D	Combination		0.297928	-0.251937	-1.640477	0.000017	0.000015
1759	1.2D+1.6L	Combination		0.404071	-0.338692	-1.660629	0.000023	0.000021
1759	1.2D+1L+1E	Combination	Max	25.929525	9.524758	-0.067374	0.000559	0.001350
1759	1.2D+1L+1E	Combination	Min	-25.232910	-10.110083	-3.063005	-0.000519	-0.001314
1759	0.9D+1E	Combination	Max	25.772743	9.655461	0.443223	0.000550	0.001341
1759	0.9D+1E	Combination	Min	-25.389692	-9.979380	-2.552408	-0.000528	-0.001322
1759	1.2D+1L+1Ey	Combination	Max	6.945689	18.479984	0.150466	0.001073	0.000361
1759	1.2D+1L+1Ey	Combination	Min	-6.249075	-19.065309	-3.280845	-0.001033	-0.000325
1759	0.9D+1Ey	Combination	Max	6.788907	18.610687	0.661063	0.001064	0.000352
1759	0.9D+1Ey	Combination	Min	-6.405856	-18.934606	-2.770248	-0.001042	-0.000333
1759	1D+0.5L	Combination		0.259276	-0.218313	-1.251303	0.000015	0.000013
1760	1.4D	Combination		0.362618	-0.302654	-1.723608	0.000022	-0.000040
1760	1.2D+1.6L	Combination		0.482762	-0.390484	-1.772261	0.000029	-0.000050
1760	1.2D+1L+1E	Combination	Max	25.855714	9.479564	0.536865	0.000558	0.000968
1760	1.2D+1L+1E	Combination	Min	-25.019150	-10.162232	-3.860225	-0.000508	-0.001056
1760	0.9D+1E	Combination	Max	25.670543	9.626335	1.090511	0.000547	0.000986
1760	0.9D+1E	Combination	Min	-25.204320	-10.015461	-3.306579	-0.000519	-0.001038
1760	1.2D+1L+1Ey	Combination	Max	7.012394	18.433730	1.420991	0.001063	0.000227
1760	1.2D+1L+1Ey	Combination	Min	-6.175830	-19.116398	-4.744351	-0.001012	-0.000315
1760	0.9D+1Ey	Combination	Max	6.827223	18.580501	1.974637	0.001052	0.000245
1760	0.9D+1Ey	Combination	Min	-6.361000	-18.969627	-4.190705	-0.001024	-0.000296
1760	1D+0.5L	Combination		0.312746	-0.257140	-1.323300	0.000019	-0.000034
1761	1.4D	Combination		0.339454	-0.155485	-1.538116	-0.000026	0.000021
1761	1.2D+1.6L	Combination		0.446344	-0.196969	-1.572270	-0.000036	0.000027
1761	1.2D+1L+1E	Combination	Max	26.027712	6.366401	0.720392	0.000279	0.001338
1761	1.2D+1L+1E	Combination	Min	-25.251561	-6.712567	-3.674518	-0.000341	-0.001290
1761	0.9D+1E	Combination	Max	25.857857	6.439529	1.208666	0.000293	0.001327
1761	0.9D+1E	Combination	Min	-25.421417	-6.639439	-3.186244	-0.000327	-0.001301
1761	1.2D+1L+1Ey	Combination	Max	7.000920	18.391551	0.862404	0.000848	0.000362
1761	1.2D+1L+1Ey	Combination	Min	-6.224769	-18.737717	-3.816531	-0.000909	-0.000315
1761	0.9D+1Ey	Combination	Max	6.831065	18.464679	1.350678	0.000862	0.000352
1761	0.9D+1Ey	Combination	Min	-6.394624	-18.664589	-3.328256	-0.000895	-0.000325
1761	1D+0.5L	Combination		0.291024	-0.130966	-1.177993	-0.000023	0.000018
1762	1.4D	Combination		0.316526	-0.151306	-1.496493	0.000012	0.000019
1762	1.2D+1.6L	Combination		0.422971	-0.198538	-1.516619	0.000016	0.000025
1762	1.2D+1L+1E	Combination	Max	26.004837	6.493468	-0.296573	0.000384	0.001365

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1762	1.2D+1L+1E	Combination	Min	-25.272643	-6.838908	-2.561232	-0.000356	-0.001321
1762	0.9D+1E	Combination	Max	25.842221	6.568920	0.170298	0.000378	0.001355
1762	0.9D+1E	Combination	Min	-25.435259	-6.763456	-2.094361	-0.000362	-0.001331
1762	1.2D+1L+1Ey	Combination	Max	6.978263	18.407793	0.881752	0.001044	0.000368
1762	1.2D+1L+1Ey	Combination	Min	-6.246068	-18.753233	-3.739557	-0.001017	-0.000324
1762	0.9D+1Ey	Combination	Max	6.815646	18.483245	1.348623	0.001038	0.000358
1762	0.9D+1Ey	Combination	Min	-6.408684	-18.677781	-3.272686	-0.001022	-0.000334
1762	1D+0.5L	Combination		0.273485	-0.129591	-1.142021	0.000010	0.000016
1763	1.4D	Combination		0.357416	-0.197841	-1.548980	0.000012	0.000022
1763	1.2D+1.6L	Combination		0.477386	-0.246102	-1.584775	0.000015	0.000028
1763	1.2D+1L+1E	Combination	Max	25.853854	6.449351	-0.318920	0.000382	0.001342
1763	1.2D+1L+1E	Combination	Min	-25.027354	-6.884162	-2.657821	-0.000356	-0.001292
1763	0.9D+1E	Combination	Max	25.670372	6.539573	0.173677	0.000377	0.001331
1763	0.9D+1E	Combination	Min	-25.210837	-6.793940	-2.165224	-0.000362	-0.001303
1763	1.2D+1L+1Ey	Combination	Max	7.008404	18.364350	0.836458	0.001041	0.000365
1763	1.2D+1L+1Ey	Combination	Min	-6.181904	-18.799161	-3.813200	-0.001015	-0.000316
1763	0.9D+1Ey	Combination	Max	6.824922	18.454571	1.329056	0.001035	0.000355
1763	0.9D+1Ey	Combination	Min	-6.365387	-18.708939	-3.320602	-0.001020	-0.000327
1763	1D+0.5L	Combination		0.308744	-0.165229	-1.186751	9.863E-06	0.000019
1764	1.4D	Combination		0.378756	-0.159472	-1.593977	0.000015	0.000022
1764	1.2D+1.6L	Combination		0.499391	-0.200959	-1.645514	0.000018	0.000030
1764	1.2D+1L+1E	Combination	Max	25.873537	6.363446	0.582964	0.000366	0.001321
1764	1.2D+1L+1E	Combination	Min	-25.005812	-6.717162	-3.664556	-0.000334	-0.001270
1764	0.9D+1E	Combination	Max	25.683160	6.437786	1.099061	0.000360	0.001309
1764	0.9D+1E	Combination	Min	-25.196189	-6.642821	-3.148459	-0.000341	-0.001281
1764	1.2D+1L+1Ey	Combination	Max	7.028052	18.390208	0.817244	0.001006	0.000360
1764	1.2D+1L+1Ey	Combination	Min	-6.160327	-18.743924	-3.898836	-0.000973	-0.000310
1764	0.9D+1Ey	Combination	Max	6.837675	18.464548	1.333341	0.000999	0.000349
1764	0.9D+1Ey	Combination	Min	-6.350704	-18.669583	-3.382740	-0.000980	-0.000321
1764	1D+0.5L	Combination		0.325147	-0.133992	-1.225820	0.000012	0.000019
1765	1.4D	Combination		0.334835	-0.014279	-1.325818	0.000020	0.000015
1765	1.2D+1.6L	Combination		0.442718	0.001426	-1.242648	0.000028	0.000021
1765	1.2D+1L+1E	Combination	Max	25.929311	10.316392	2.675558	0.000568	0.001352
1765	1.2D+1L+1E	Combination	Min	-25.160662	-10.323788	-5.081179	-0.000520	-0.001316
1765	0.9D+1E	Combination	Max	25.760237	10.310911	3.026057	0.000556	0.001344
1765	0.9D+1E	Combination	Min	-25.329736	-10.329269	-4.730680	-0.000531	-0.001325
1765	1.2D+1L+1Ey	Combination	Max	6.973355	18.484715	0.560660	0.000985	0.000361
1765	1.2D+1L+1Ey	Combination	Min	-6.204706	-18.492112	-2.966281	-0.000937	-0.000326
1765	0.9D+1Ey	Combination	Max	6.804281	18.479234	0.911159	0.000974	0.000353
1765	0.9D+1Ey	Combination	Min	-6.373779	-18.497593	-2.615782	-0.000949	-0.000334
1765	1D+0.5L	Combination		0.287829	-0.005929	-0.980211	0.000018	0.000013
1766	1.4D	Combination		0.375959	0.020849	-1.397570	1.920E-06	0.000022
1766	1.2D+1.6L	Combination		0.481765	0.047371	-1.338558	3.933E-07	0.000029
1766	1.2D+1L+1E	Combination	Max	25.960981	11.668748	0.323039	0.000631	0.001361
1766	1.2D+1L+1E	Combination	Min	-25.117087	-11.596131	-2.894675	-0.000629	-0.001311
1766	0.9D+1E	Combination	Max	25.780722	11.645843	0.710419	0.000631	0.001351
1766	0.9D+1E	Combination	Min	-25.297346	-11.619037	-2.507295	-0.000629	-0.001322

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1766	1.2D+1L+1Ey	Combination	Max	7.010164	18.483346	0.247380	0.001038	0.000369
1766	1.2D+1L+1Ey	Combination	Min	-6.166270	-18.410729	-2.819015	-0.001036	-0.000319
1766	0.9D+1Ey	Combination	Max	6.829905	18.460441	0.634760	0.001038	0.000358
1766	0.9D+1Ey	Combination	Min	-6.346529	-18.433634	-2.431635	-0.001036	-0.000330
1766	1D+0.5L	Combination		0.318390	0.024111	-1.042215	9.799E-07	0.000019
1767	1.4D	Combination		0.356682	-0.028224	-1.415171	2.161E-06	6.792E-06
1767	1.2D+1.6L	Combination		0.477874	0.000190	-1.352576	1.167E-06	7.883E-06
1767	1.2D+1L+1E	Combination	Max	25.869035	11.629570	1.297962	0.000632	0.001229
1767	1.2D+1L+1E	Combination	Min	-25.042398	-11.647477	-3.898436	-0.000629	-0.001215
1767	0.9D+1E	Combination	Max	25.685012	11.620379	1.688446	0.000632	0.001226
1767	0.9D+1E	Combination	Min	-25.226421	-11.656667	-3.507952	-0.000629	-0.001218
1767	1.2D+1L+1Ey	Combination	Max	7.012101	18.446504	1.905936	0.001036	0.000336
1767	1.2D+1L+1Ey	Combination	Min	-6.185463	-18.464411	-4.506410	-0.001033	-0.000322
1767	0.9D+1Ey	Combination	Max	6.828078	18.437314	2.296420	0.001036	0.000333
1767	0.9D+1Ey	Combination	Min	-6.369486	-18.473602	-4.115926	-0.001033	-0.000324
1767	1D+0.5L	Combination		0.308569	-0.012541	-1.054453	1.329E-06	5.496E-06
1768	1.4D	Combination		0.226598	-0.250670	-1.394242	0.000019	0.000029
1768	1.2D+1.6L	Combination		0.272913	-0.365530	-1.320896	0.000025	0.000039
1768	1.2D+1L+1E	Combination	Max	35.225034	13.113161	0.470280	0.000634	0.001607
1768	1.2D+1L+1E	Combination	Min	-34.738222	-13.731219	-3.017698	-0.000590	-0.001540
1768	0.9D+1E	Combination	Max	35.127298	13.261045	0.847691	0.000624	0.001592
1768	0.9D+1E	Combination	Min	-34.835958	-13.583335	-2.640287	-0.000600	-0.001555
1768	1.2D+1L+1Ey	Combination	Max	9.269731	21.577256	1.501486	0.001079	0.000438
1768	1.2D+1L+1Ey	Combination	Min	-8.782919	-22.195314	-4.048904	-0.001036	-0.000371
1768	0.9D+1Ey	Combination	Max	9.171995	21.725140	1.878897	0.001070	0.000424
1768	0.9D+1Ey	Combination	Min	-8.880655	-22.047430	-3.671493	-0.001046	-0.000386
1768	1D+0.5L	Combination		0.186445	-0.226135	-1.035209	0.000016	0.000025
1769	1.4D	Combination		0.222900	-0.291197	-1.473728	0.000019	0.000018
1769	1.2D+1.6L	Combination		0.283743	-0.404461	-1.428004	0.000026	0.000021
1769	1.2D+1L+1E	Combination	Max	33.832148	13.083670	0.928604	0.000651	0.001562
1769	1.2D+1L+1E	Combination	Min	-33.334176	-13.776444	-3.661005	-0.000606	-0.001524
1769	0.9D+1E	Combination	Max	33.726455	13.242859	1.347408	0.000641	0.001554
1769	0.9D+1E	Combination	Min	-33.439869	-13.617255	-3.242201	-0.000616	-0.001532
1769	1.2D+1L+1Ey	Combination	Max	8.894416	21.544379	0.625985	0.001109	0.000416
1769	1.2D+1L+1Ey	Combination	Min	-8.396445	-22.237153	-3.358387	-0.001063	-0.000378
1769	0.9D+1Ey	Combination	Max	8.788723	21.703569	1.044789	0.001098	0.000408
1769	0.9D+1Ey	Combination	Min	-8.502137	-22.077964	-2.939583	-0.001074	-0.000385
1769	1D+0.5L	Combination		0.188179	-0.256393	-1.104166	0.000017	0.000015
1770	1.4D	Combination		0.262836	-0.246734	-1.535480	-2.223E-06	0.000014
1770	1.2D+1.6L	Combination		0.322755	-0.348588	-1.504378	-5.167E-06	0.000018
1770	1.2D+1L+1E	Combination	Max	33.865847	11.467386	2.506522	0.000539	0.001537
1770	1.2D+1L+1E	Combination	Min	-33.293438	-12.061736	-5.374090	-0.000546	-0.001505
1770	0.9D+1E	Combination	Max	33.748608	11.605946	2.953212	0.000541	0.001530
1770	0.9D+1E	Combination	Min	-33.410677	-11.923175	-4.927401	-0.000544	-0.001512
1770	1.2D+1L+1Ey	Combination	Max	8.931376	21.554125	0.653323	0.001079	0.000408
1770	1.2D+1L+1Ey	Combination	Min	-8.358967	-22.148475	-3.520891	-0.001087	-0.000376

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1770	0.9D+1Ey	Combination	Max	8.814137	21.692685	1.100013	0.001082	0.000401
1770	0.9D+1Ey	Combination	Min	-8.476206	-22.009914	-3.074202	-0.001085	-0.000382
1770	1D+0.5L	Combination		0.218198	-0.219083	-1.155601	-2.607E-06	0.000012
1771	1.4D	Combination		0.219807	-0.174891	-1.728251	0.000014	0.000013
1771	1.2D+1.6L	Combination		0.265910	-0.232857	-1.741786	0.000018	0.000016
1771	1.2D+1L+1E	Combination	Max	35.222836	7.631027	-0.383915	0.000400	0.001612
1771	1.2D+1L+1E	Combination	Min	-34.749144	-8.034528	-2.904335	-0.000368	-0.001583
1771	0.9D+1E	Combination	Max	35.127294	7.720347	0.149191	0.000393	0.001606
1771	0.9D+1E	Combination	Min	-34.844685	-7.945207	-2.371228	-0.000374	-0.001589
1771	1.2D+1L+1Ey	Combination	Max	9.264074	21.595112	0.688282	0.001083	0.000426
1771	1.2D+1L+1Ey	Combination	Min	-8.790382	-21.998613	-3.976532	-0.001051	-0.000397
1771	0.9D+1Ey	Combination	Max	9.168532	21.684433	1.221388	0.001076	0.000420
1771	0.9D+1Ey	Combination	Min	-8.885924	-21.909293	-3.443425	-0.001058	-0.000403
1771	1D+0.5L	Combination		0.181225	-0.150844	-1.315848	0.000012	0.000011
1772	1.4D	Combination		0.241492	-0.183574	-1.759173	-2.391E-06	0.000015
1772	1.2D+1.6L	Combination		0.287805	-0.234958	-1.779220	-0.000010	0.000018
1772	1.2D+1L+1E	Combination	Max	35.240992	7.474437	0.868452	0.000311	0.001598
1772	1.2D+1L+1E	Combination	Min	-34.725991	-7.886146	-4.223374	-0.000325	-0.001566
1772	0.9D+1E	Combination	Max	35.138736	7.562280	1.415016	0.000316	0.001592
1772	0.9D+1E	Combination	Min	-34.828246	-7.798303	-3.676810	-0.000320	-0.001572
1772	1.2D+1L+1Ey	Combination	Max	9.283389	21.593561	0.737274	0.000879	0.000423
1772	1.2D+1L+1Ey	Combination	Min	-8.768388	-22.005270	-4.092196	-0.000893	-0.000391
1772	0.9D+1Ey	Combination	Max	9.181133	21.681404	1.283838	0.000885	0.000417
1772	0.9D+1Ey	Combination	Min	-8.870644	-21.917427	-3.545632	-0.000888	-0.000397
1772	1D+0.5L	Combination		0.197748	-0.155377	-1.341352	-4.251E-06	0.000012
1773	1.4D	Combination		0.238703	-0.218214	-1.789898	0.000013	0.000016
1773	1.2D+1.6L	Combination		0.298590	-0.276789	-1.819472	0.000017	0.000019
1773	1.2D+1L+1E	Combination	Max	33.898917	7.590478	-0.318868	0.000399	0.001553
1773	1.2D+1L+1E	Combination	Min	-33.372227	-8.076746	-3.106121	-0.000370	-0.001519
1773	0.9D+1E	Combination	Max	33.789024	7.693331	0.242978	0.000393	0.001546
1773	0.9D+1E	Combination	Min	-33.482120	-7.973893	-2.544275	-0.000376	-0.001526
1773	1.2D+1L+1Ey	Combination	Max	8.920397	21.554488	0.572250	0.001085	0.000412
1773	1.2D+1L+1Ey	Combination	Min	-8.393708	-22.040755	-3.997240	-0.001055	-0.000378
1773	0.9D+1Ey	Combination	Max	8.810504	21.657341	1.134096	0.001079	0.000405
1773	0.9D+1Ey	Combination	Min	-8.503601	-21.937902	-3.435394	-0.001061	-0.000385
1773	1D+0.5L	Combination		0.199873	-0.183914	-1.367647	0.000011	0.000013
1774	1.4D	Combination		0.260284	-0.187906	-1.825498	0.000011	0.000017
1774	1.2D+1.6L	Combination		0.320627	-0.239346	-1.863213	0.000024	0.000022
1774	1.2D+1L+1E	Combination	Max	33.917517	7.470162	0.486560	0.000342	0.001517
1774	1.2D+1L+1E	Combination	Min	-33.349409	-7.890141	-3.989111	-0.000305	-0.001479
1774	0.9D+1E	Combination	Max	33.800788	7.559355	1.064301	0.000330	0.001509
1774	0.9D+1E	Combination	Min	-33.466138	-7.800948	-3.411370	-0.000316	-0.001486
1774	1.2D+1L+1Ey	Combination	Max	8.940967	21.589041	0.536548	0.000934	0.000405
1774	1.2D+1L+1Ey	Combination	Min	-8.372859	-22.009020	-4.039099	-0.000897	-0.000367
1774	0.9D+1Ey	Combination	Max	8.824238	21.678234	1.114289	0.000922	0.000397
1774	0.9D+1Ey	Combination	Min	-8.489588	-21.919827	-3.461358	-0.000908	-0.000375
1774	1D+0.5L	Combination		0.216394	-0.158682	-1.397209	0.000012	0.000015
1775	1.4D	Combination		0.237235	-0.077851	-1.691470	0.000010	9.746E-06

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1775	1.2D+1.6L	Combination		0.283504	-0.058589	-1.714863	9.818E-06	0.000011
1775	1.2D+1L+1E	Combination	Max	35.237172	14.181997	-0.121644	0.000629	0.001541
1775	1.2D+1L+1E	Combination	Min	-34.730284	-14.305281	-3.109309	-0.000610	-0.001521
1775	0.9D+1E	Combination	Max	35.136236	14.193592	0.406459	0.000626	0.001537
1775	0.9D+1E	Combination	Min	-34.831220	-14.293686	-2.581206	-0.000613	-0.001525
1775	1.2D+1L+1Ey	Combination	Max	9.279498	22.046409	0.775440	0.001031	0.000406
1775	1.2D+1L+1Ey	Combination	Min	-8.772610	-22.169693	-4.006393	-0.001012	-0.000386
1775	0.9D+1Ey	Combination	Max	9.178562	22.058004	1.303543	0.001028	0.000402
1775	0.9D+1Ey	Combination	Min	-8.873546	-22.158098	-3.478290	-0.001014	-0.000389
1775	1D+0.5L	Combination		0.194503	-0.053064	-1.291015	7.694E-06	7.742E-06
1776	1.4D	Combination		0.277786	-0.118315	-1.731513	0.000011	0.000013
1776	1.2D+1.6L	Combination		0.337398	-0.099615	-1.753071	0.000011	0.000017
1776	1.2D+1L+1E	Combination	Max	33.885562	14.151366	0.548577	0.000655	0.001552
1776	1.2D+1L+1E	Combination	Min	-33.285238	-14.351944	-3.853031	-0.000634	-0.001523
1776	0.9D+1E	Combination	Max	33.763977	14.175596	1.087689	0.000651	0.001546
1776	0.9D+1E	Combination	Min	-33.406824	-14.327715	-3.313920	-0.000638	-0.001529
1776	1.2D+1L+1Ey	Combination	Max	8.944321	22.018267	0.581650	0.001071	0.000410
1776	1.2D+1L+1Ey	Combination	Min	-8.343997	-22.218845	-3.886104	-0.001050	-0.000381
1776	0.9D+1Ey	Combination	Max	8.822736	22.042497	1.120761	0.001067	0.000404
1776	0.9D+1Ey	Combination	Min	-8.465583	-22.194616	-3.346993	-0.001053	-0.000387
1776	1D+0.5L	Combination		0.229448	-0.083949	-1.320831	8.185E-06	0.000011
1777	1.4D	Combination		0.406869	-0.304429	-1.862880	0.000027	0.000019
1777	1.2D+1.6L	Combination		0.534560	-0.396584	-1.911251	0.000039	0.000026
1777	1.2D+1L+1E	Combination	Max	30.194847	9.761573	2.254865	0.000519	0.001376
1777	1.2D+1L+1E	Combination	Min	-29.265089	-10.453007	-5.841493	-0.000453	-0.001332
1777	0.9D+1E	Combination	Max	29.991527	9.911586	2.850614	0.000503	0.001366
1777	0.9D+1E	Combination	Min	-29.468409	-10.302995	-5.245744	-0.000469	-0.001342
1777	1.2D+1L+1Ey	Combination	Max	8.129740	21.636649	0.228059	0.001053	0.000371
1777	1.2D+1L+1Ey	Combination	Min	-7.199982	-22.328083	-3.814688	-0.000987	-0.000326
1777	0.9D+1Ey	Combination	Max	7.926420	21.786662	0.823808	0.001038	0.000361
1777	0.9D+1Ey	Combination	Min	-7.403302	-22.178071	-3.218939	-0.001003	-0.000336
1777	1D+0.5L	Combination		0.348688	-0.259838	-1.428908	0.000024	0.000017
1778	1.4D	Combination		0.359296	-0.305596	-1.787183	0.000018	0.000020
1778	1.2D+1.6L	Combination		0.486014	-0.410444	-1.809611	0.000024	0.000027
1778	1.2D+1L+1E	Combination	Max	30.148321	11.147392	-0.163166	0.000575	0.001384
1778	1.2D+1L+1E	Combination	Min	-29.309827	-11.856901	-3.247751	-0.000534	-0.001338
1778	0.9D+1E	Combination	Max	29.960050	11.305692	0.393389	0.000566	0.001374
1778	0.9D+1E	Combination	Min	-29.498099	-11.698601	-2.691195	-0.000543	-0.001349
1778	1.2D+1L+1Ey	Combination	Max	8.083257	21.710642	0.097268	0.001111	0.000373
1778	1.2D+1L+1Ey	Combination	Min	-7.244763	-22.420151	-3.508186	-0.001070	-0.000327
1778	0.9D+1Ey	Combination	Max	7.894986	21.868942	0.653824	0.001102	0.000363
1778	0.9D+1Ey	Combination	Min	-7.433034	-22.261851	-2.951630	-0.001079	-0.000337
1778	1D+0.5L	Combination		0.312279	-0.264690	-1.363353	0.000015	0.000017
1779	1.4D	Combination		0.427330	-0.353792	-1.874401	0.000022	-0.000039
1779	1.2D+1.6L	Combination		0.570421	-0.459672	-1.927115	0.000030	-0.000049
1779	1.2D+1L+1E	Combination	Max	30.015812	11.102414	0.457141	0.000574	0.000988
1779	1.2D+1L+1E	Combination	Min	-29.028074	-11.904442	-4.071007	-0.000522	-0.001075
1779	0.9D+1E	Combination	Max	29.796655	11.275990	1.059102	0.000562	0.001007

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1779	0.9D+1E	Combination	Min	-29.247230	-11.730866	-3.469046	-0.000534	-0.001057
1779	1.2D+1L+1Ey	Combination	Max	8.141276	21.663838	1.367347	0.001100	0.000233
1779	1.2D+1L+1Ey	Combination	Min	-7.153537	-22.465866	-4.981213	-0.001048	-0.000319
1779	0.9D+1Ey	Combination	Max	7.922119	21.837414	1.969308	0.001089	0.000251
1779	0.9D+1Ey	Combination	Min	-7.372694	-22.292290	-4.379253	-0.001060	-0.000301
1779	1D+0.5L	Combination		0.369029	-0.301591	-1.439010	0.000019	-0.000033
1780	1.4D	Combination		0.397731	-0.190882	-1.672349	-0.000025	0.000021
1780	1.2D+1.6L	Combination		0.525003	-0.242022	-1.709476	-0.000034	0.000029
1780	1.2D+1L+1E	Combination	Max	30.233309	7.468906	0.629246	0.000291	0.001361
1780	1.2D+1L+1E	Combination	Min	-29.321372	-7.894144	-3.841173	-0.000350	-0.001312
1780	0.9D+1E	Combination	Max	30.033025	7.558815	1.160128	0.000305	0.001350
1780	0.9D+1E	Combination	Min	-29.521657	-7.804235	-3.310291	-0.000337	-0.001323
1780	1.2D+1L+1Ey	Combination	Max	8.132848	21.592288	0.819384	0.000879	0.000369
1780	1.2D+1L+1Ey	Combination	Min	-7.220910	-22.017526	-4.031311	-0.000938	-0.000320
1780	0.9D+1Ey	Combination	Max	7.932563	21.682197	1.350266	0.000893	0.000358
1780	0.9D+1Ey	Combination	Min	-7.421195	-21.927617	-3.500429	-0.000925	-0.000331
1780	1D+0.5L	Combination		0.341622	-0.160847	-1.280796	-0.000022	0.000018
1781	1.4D	Combination		0.376046	-0.190685	-1.629250	0.000014	0.000019
1781	1.2D+1.6L	Combination		0.502898	-0.248803	-1.651562	0.000018	0.000026
1781	1.2D+1L+1E	Combination	Max	30.213062	7.615078	-0.386028	0.000399	0.001389
1781	1.2D+1L+1E	Combination	Min	-29.342696	-8.048665	-2.725801	-0.000368	-0.001344
1781	0.9D+1E	Combination	Max	30.019623	7.709288	0.122511	0.000392	0.001379
1781	0.9D+1E	Combination	Min	-29.536136	-7.954454	-2.217262	-0.000374	-0.001354
1781	1.2D+1L+1Ey	Combination	Max	8.111770	21.608140	0.841531	0.001083	0.000374
1781	1.2D+1L+1Ey	Combination	Min	-7.241404	-22.041727	-3.953359	-0.001052	-0.000329
1781	0.9D+1Ey	Combination	Max	7.918330	21.702350	1.350070	0.001076	0.000364
1781	0.9D+1Ey	Combination	Min	-7.434843	-21.947517	-3.444820	-0.001058	-0.000339
1781	1D+0.5L	Combination		0.325033	-0.162878	-1.243457	0.000012	0.000017
1782	1.4D	Combination		0.422119	-0.235112	-1.689485	0.000013	0.000021
1782	1.2D+1.6L	Combination		0.565024	-0.294252	-1.729281	0.000017	0.000029
1782	1.2D+1L+1E	Combination	Max	30.012004	7.572953	-0.412475	0.000397	0.001364
1782	1.2D+1L+1E	Combination	Min	-29.034363	-8.091912	-2.835223	-0.000367	-0.001314
1782	0.9D+1E	Combination	Max	29.794545	7.681289	0.125276	0.000391	0.001353
1782	0.9D+1E	Combination	Min	-29.251821	-7.983576	-2.297471	-0.000374	-0.001325
1782	1.2D+1L+1Ey	Combination	Max	8.136784	21.566862	0.791715	0.001080	0.000371
1782	1.2D+1L+1Ey	Combination	Min	-7.159143	-22.085821	-4.039413	-0.001050	-0.000321
1782	0.9D+1Ey	Combination	Max	7.919326	21.675198	1.329466	0.001073	0.000360
1782	0.9D+1Ey	Combination	Min	-7.376602	-21.977485	-3.501661	-0.001056	-0.000332
1782	1D+0.5L	Combination		0.365016	-0.196914	-1.294635	0.000011	0.000018
1783	1.4D	Combination		0.442360	-0.194576	-1.735211	0.000017	0.000023
1783	1.2D+1.6L	Combination		0.585884	-0.245725	-1.791530	0.000021	0.000031
1783	1.2D+1L+1E	Combination	Max	30.029383	7.465991	0.478106	0.000381	0.001344
1783	1.2D+1L+1E	Combination	Min	-29.012653	-7.898232	-3.833011	-0.000344	-0.001290
1783	0.9D+1E	Combination	Max	29.805392	7.557027	1.040065	0.000373	0.001332
1783	0.9D+1E	Combination	Min	-29.236644	-7.807196	-3.271051	-0.000352	-0.001302
1783	1.2D+1L+1Ey	Combination	Max	8.155064	21.590726	0.774272	0.001043	0.000367

Force Based Design Output

Table: Base Reactions, Part 1 of 4

Table: Base Reactions, Part 1 of 4

OutputCase	CaseType	StepType	StepNum	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY
				Kgf	Kgf	Kgf	Kgf-mm	Kgf-mm
DEAD	LinStatic			-1.481E-08	7.891E-09	53728718.12	-1.266E+12	-2.345E+10
MODAL	LinModal	Mode	1.000000	-396.12	9.12	0.23	-512912.94	-23720601.8
MODAL	LinModal	Mode	2.000000	217.06	24.34	-0.21	-1396712.60	13041631.72
MODAL	LinModal	Mode	3.000000	-1.85	576.07	0.34	-35162683.	-76557.51
MODAL	LinModal	Mode	4.000000	2154.09	-155.12	3.57	42786.07	12046170.28
MODAL	LinModal	Mode	5.000000	1330.83	275.54	1.81	-1146599.14	7824963.22
MODAL	LinModal	Mode	6.000000	42.34	4316.18	-12.99	-43039757.	576282.02
MODAL	LinModal	Mode	7.000000	-6056.40	572.01	15.99	-7234985.18	-72331281.
MODAL	LinModal	Mode	8.000000	-2587.42	-780.45	35.34	7980903.64	-31007462.4
MODAL	LinModal	Mode	9.000000	1008.44	14005.62	43.23	-159655721	14287698.66
MODAL	LinModal	Mode	10.000000	-250.79	1939.90	-32.14	-22005579.9	-10563568.0
MODAL	LinModal	Mode	11.000000	3851.41	-1540.26	224.64	12146095.92	33841834.99
MODAL	LinModal	Mode	12.000000	-11138.32	996.62	-88.15	3598112.07	-50608259.
MODAL	LinModal	Mode	13.000000	-4529.90	-1616.37	-15.08	5553608.70	-22305173.5
MODAL	LinModal	Mode	14.000000	70.37	4.68	-19461.84	739755196.	171991405.6
MODAL	LinModal	Mode	15.000000	-7973.56	2192.07	-294.62	-13077483.2	-91532142.
MODAL	LinModal	Mode	16.000000	19512.84	-6980.91	-199.27	45269297.50	130628300.5
MODAL	LinModal	Mode	17.000000	6210.13	30014.37	161.05	-136277924	28142491.54
MODAL	LinModal	Mode	18.000000	8486.38	2080.91	-987.56	13424934.82	59446943.09
MODAL	LinModal	Mode	19.000000	568.47	-633.19	-5807.38	247458880.4	-28960061.0
MODAL	LinModal	Mode	20.000000	-491.29	-813.65	-57294.50	2539160094	-105021063
MODAL	LinModal	Mode	21.000000	512.34	-353.82	-4278.47	77152976.60	-81883582.
MODAL	LinModal	Mode	22.000000	-1799.09	1153.44	58076.46	-2307671384	1258758247
MODAL	LinModal	Mode	23.000000	-1299.98	-943.40	135558.80	-1203176524	183728428.0
MODAL	LinModal	Mode	24.000000	-15014.89	3814.82	-33626.41	723705145.	244051469.4
MODAL	LinModal	Mode	25.000000	-1266.22	630.07	25749.23	-1285754628	274083906.3
MODAL	LinModal	Mode	26.000000	-6054.85	1466.25	7928.23	-137283092	-1462647522
MODAL	LinModal	Mode	27.000000	2362.30	-1225.49	-20231.04	1191545988	-939563960
MODAL	LinModal	Mode	28.000000	5270.61	-1198.76	44379.03	-1448447581	441488289.
MODAL	LinModal	Mode	29.000000	2078.41	-948.71	-112051.87	2149120698	1277371281
MODAL	LinModal	Mode	30.000000	29975.41	-6219.34	-8656.44	245175547.3	-72808867.
MODAL	LinModal	Mode	31.000000	1460.87	-786.23	58282.84	-2256822171	1302333328
MODAL	LinModal	Mode	32.000000	-1004.58	629.11	40226.13	-1601877080	-770839796
MODAL	LinModal	Mode	33.000000	-2317.10	1463.81	-40879.47	44332277.20	1119779529
MODAL	LinModal	Mode	34.000000	-949.48	1639.55	-50342.31	2160357708	151761894.7
MODAL	LinModal	Mode	35.000000	-3096.55	410.30	13434.20	-170287504	-612921606
MODAL	LinModal	Mode	36.000000	869.95	609.87	-16389.06	616193844.	-227616936
MODAL	LinModal	Mode	37.000000	-2278.82	-3134.71	-6696.53	137360466.4	487304603.
MODAL	LinModal	Mode	38.000000	12646.44	5982.22	-33443.00	744010115.	153409223.1
MODAL	LinModal	Mode	39.000000	-7064.56	-9627.19	-52109.34	1156215511	-166851334
MODAL	LinModal	Mode	40.000000	119.51	-4004.11	67698.45	-2352415560	-1298184713
MODAL	LinModal	Mode	41.000000	-4349.33	-49243.19	-15903.92	709978423.	-38703014.
MODAL	LinModal	Mode	42.000000	-1341.82	-11512.26	28034.35	-212435182	784063959.
MODAL	LinModal	Mode	43.000000	-1124.92	-8984.83	45482.58	-1659920695	104038184.1
MODAL	LinModal	Mode	44.000000	-251.60	-2212.61	-19408.77	87946429.45	-95053890.
MODAL	LinModal	Mode	45.000000	897.69	2087.44	-14760.35	204587610.1	-76002966.
MODAL	LinModal	Mode	46.000000	373.44	175.74	9868.98	-451093206	297587380.0
MODAL	LinModal	Mode	47.000000	1150.89	217.94	7569.81	65393689.95	519766611.
MODAL	LinModal	Mode	48.000000	971.92	-2810.94	3174.33	-293117127	-329358239
MODAL	LinModal	Mode	49.000000	568.30	-405.73	33431.09	-457910212	679277922.

Table: Base Reactions, Part 1 of 4

OutputCase	CaseType	StepType	StepNum	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY
				Kgf	Kgf	Kgf	Kgf-mm	Kgf-mm
MODAL	LinModal	Mode	50.000000	1231.36	-222.57	23266.06	-237728793	659829712.
LIVE	LinStatic			-2.280E-08	-2.509E-08	8824837.87	-2.117E+11	-3684555919
D++	LinStatic			-1.377E-08	-1.515E-08	5346434.62	-1.283E+11	-2232249206
QUAKE X	LinRespSpec	Max		1956398.97	694659.57	9420.10	3.310E+10	9.228E+10
QUAKE Y	LinRespSpec	Max		591525.29	2302248.05	11196.43	1.102E+11	2.774E+10
1.4D	Combination			-4.002E-08	-1.016E-08	82705213.84	-1.952E+12	-3.596E+10
1.2D+1.6L	Combination			-7.078E-08	-4.884E-08	85009923.90	-2.012E+12	-3.672E+10
1.2D+1L+1E	Combination	Max		4171042.61	1481014.19	79735104.83	-1.814E+12	1.622E+11
1.2D+1L+1E	Combination	Min		-4171042.61	-1481014.19	79694937.51	-1.955E+12	-2.312E+11
0.9D+1E	Combination	Max		4171042.61	1481014.19	53187721.13	-1.184E+12	1.736E+11
0.9D+1E	Combination	Min		-4171042.61	-1481014.19	53147553.81	-1.325E+12	-2.199E+11
1.2D+1L+1Ey	Combination	Max		1076576.02	4190091.46	79735398.68	-1.684E+12	1.597E+10
1.2D+1L+1Ey	Combination	Min		-1076576.02	-4190091.46	79694643.67	-2.085E+12	-8.498E+10
0.9D+1Ey	Combination	Max		1076576.02	4190091.46	53188014.98	-1.054E+12	2.736E+10
0.9D+1Ey	Combination	Min		-1076576.02	-4190091.46	53147259.97	-1.455E+12	-7.359E+10
1D+0.5L	Combination			-3.999E-08	-1.980E-08	63487571.68	-1.500E+12	-2.753E+10
COMB1	Combination	Max		4171042.61	1481014.19	20083.66	7.056E+10	1.967E+11
COMB1	Combination	Min		-4171042.61	-1481014.19	-20083.66	-7.056E+10	-1.967E+11
COMB2	Combination	Max		1076576.02	4190091.46	20377.50	2.005E+11	5.048E+10
COMB2	Combination	Min		-1076576.02	-4190091.46	-20377.50	-2.005E+11	-5.048E+10
ENVELOPE	Combination	Max		4171042.61	4190091.46	85009923.90	-1.054E+12	1.736E+11
ENVELOPE	Combination	Min		-4171042.61	-4190091.46	53147259.97	-2.085E+12	-2.312E+11

Table: Base Reactions, Part 2 of 4

Table: Base Reactions, Part 2 of 4

OutputCase	StepType	StepNum	GlobalMZ	GlobalX	GlobalY	GlobalZ	XCentroidFX	YCentroidFX
			Kgf-mm	mm	mm	mm	mm	mm
DEAD			-1.946E-03	0.00	0.00	0.00	2.456E+17	-8.358E+15
MODAL	Mode	1.000000	-5531398.41	0.00	0.00	0.00	1073.02	-21896.71
MODAL	Mode	2.000000	14491219.82	0.00	0.00	0.00	-220.75	-32981.31
MODAL	Mode	3.000000	-354182.85	0.00	0.00	0.00	-90058.95	-89392.46
MODAL	Mode	4.000000	27425438.75	0.00	0.00	0.00	1040.50	-22069.33
MODAL	Mode	5.000000	81316036.18	0.00	0.00	0.00	-327.87	-30920.01
MODAL	Mode	6.000000	-7275391.88	0.00	0.00	0.00	38117.27	23953.28
MODAL	Mode	7.000000	-96213947.	0.00	0.00	0.00	634.58	-22472.58
MODAL	Mode	8.000000	-206163809	0.00	0.00	0.00	-815.75	-36372.72
MODAL	Mode	9.000000	-5097632.43	0.00	0.00	0.00	4653.33	-17476.25
MODAL	Mode	10.000000	-12353024.2	0.00	0.00	0.00	297.99	-25242.05
MODAL	Mode	11.000000	93869024.19	0.00	0.00	0.00	1093.69	-23017.09
MODAL	Mode	12.000000	-176814933	0.00	0.00	0.00	374.99	-21912.94
MODAL	Mode	13.000000	-393631285	0.00	0.00	0.00	-132.32	-43358.81
MODAL	Mode	14.000000	-3699896.99	0.00	0.00	0.00	10525.89	4758.30
MODAL	Mode	15.000000	-215228632	0.00	0.00	0.00	1580.58	-22850.09
MODAL	Mode	16.000000	303057025.5	0.00	0.00	0.00	307.92	-21039.05
MODAL	Mode	17.000000	59989453.54	0.00	0.00	0.00	1681.70	-20454.55
MODAL	Mode	18.000000	688903540.	0.00	0.00	0.00	445.36	-46158.67
MODAL	Mode	19.000000	-17701180.2	0.00	0.00	0.00	-43719.63	-97065.64
MODAL	Mode	20.000000	-8090474.32	0.00	0.00	0.00	-5046.66	-30284.26
MODAL	Mode	21.000000	-15740125.2	0.00	0.00	0.00	-17018.48	-37381.08
MODAL	Mode	22.000000	-56646684.	0.00	0.00	0.00	5587.36	-18257.13

Table: Base Reactions, Part 2 of 4

OutputCase	StepType	StepNum	GlobalMZ	GlobalX	GlobalY	GlobalZ	XCentroidFX	YCentroidFX
			Kgf-mm	mm	mm	mm	mm	mm
MODAL	Mode	23.000000	-38112730.	0.00	0.00	0.00	7591.08	-20642.42
MODAL	Mode	24.000000	-452193171	0.00	0.00	0.00	2016.95	-22107.17
MODAL	Mode	25.000000	-46342597.	0.00	0.00	0.00	3605.83	-22043.48
MODAL	Mode	26.000000	-175064568	0.00	0.00	0.00	2193.85	-21612.38
MODAL	Mode	27.000000	20143144.56	0.00	0.00	0.00	-16051.42	-49704.43
MODAL	Mode	28.000000	58730036.16	0.00	0.00	0.00	-7429.94	-32749.31
MODAL	Mode	29.000000	34804848.57	0.00	0.00	0.00	-2953.57	-30963.76
MODAL	Mode	30.000000	420556779.	0.00	0.00	0.00	533.38	-19842.91
MODAL	Mode	31.000000	9088003.52	0.00	0.00	0.00	-5927.65	-18062.40
MODAL	Mode	32.000000	-23644977.5	0.00	0.00	0.00	3870.17	-21052.96
MODAL	Mode	33.000000	-42293758.	0.00	0.00	0.00	-361.58	-18785.17
MODAL	Mode	34.000000	-57154295.	0.00	0.00	0.00	-3619.61	-45043.20
MODAL	Mode	35.000000	-84175416.	0.00	0.00	0.00	-887.04	-25936.04
MODAL	Mode	36.000000	85867943.73	0.00	0.00	0.00	-358.89	-60524.18
MODAL	Mode	37.000000	-187814389	0.00	0.00	0.00	-1143.10	-50923.88
MODAL	Mode	38.000000	892744664.	0.00	0.00	0.00	1133.80	-44414.30
MODAL	Mode	39.000000	-494210945	0.00	0.00	0.00	-463.37	-44221.38
MODAL	Mode	40.000000	44856235.04	0.00	0.00	0.00	-107359.33	-109348.31
MODAL	Mode	41.000000	137167566.1	0.00	0.00	0.00	1663.89	-4152.14
MODAL	Mode	42.000000	3082021.42	0.00	0.00	0.00	13912.73	-20479.89
MODAL	Mode	43.000000	4910983.59	0.00	0.00	0.00	10803.50	-10857.24
MODAL	Mode	44.000000	-9712593.26	0.00	0.00	0.00	-14615.53	7226.01
MODAL	Mode	45.000000	83352229.19	0.00	0.00	0.00	-21774.81	-1103.56
MODAL	Mode	46.000000	27657612.88	0.00	0.00	0.00	16774.82	-26533.20
MODAL	Mode	47.000000	-9472808.96	0.00	0.00	0.00	7558.16	-10436.48
MODAL	Mode	48.000000	41162468.72	0.00	0.00	0.00	-22743.32	-52832.36
MODAL	Mode	49.000000	27404034.50	0.00	0.00	0.00	11803.78	-97254.28
MODAL	Mode	50.000000	56396371.49	0.00	0.00	0.00	-12617.49	-13888.77
LIVE			-1.850E-03	0.00	0.00	0.00	3.085E+16	-1.714E+15
D++			-1.121E-03	0.00	0.00	0.00	3.082E+16	-1.708E+15
QUAKE X	Max		4.517E+10	0.00	0.00	0.00	83912534.47	102273741.2
QUAKE Y	Max		1.405E+10	0.00	0.00	0.00	279436594.5	281859043.9
1.4D			-4.293E-03	0.00	0.00	0.00	3.870E+17	-1.409E+16
1.2D+1.6L			-6.640E-03	0.00	0.00	0.00	3.811E+17	-1.482E+16
1.2D+1L+1E	Max		9.631E+10	0.00	0.00	0.00	3.626E+17	-1.379E+16
1.2D+1L+1E	Min		-9.631E+10	0.00	0.00	0.00	3.626E+17	-1.379E+16
0.9D+1E	Max		9.631E+10	0.00	0.00	0.00	2.488E+17	-9.059E+15
0.9D+1E	Min		-9.631E+10	0.00	0.00	0.00	2.488E+17	-9.059E+15
1.2D+1L+1Ey	Max		2.556E+10	0.00	0.00	0.00	3.626E+17	-1.379E+16
1.2D+1L+1Ey	Min		-2.556E+10	0.00	0.00	0.00	3.626E+17	-1.379E+16
0.9D+1Ey	Max		2.556E+10	0.00	0.00	0.00	2.488E+17	-9.059E+15
0.9D+1Ey	Min		-2.556E+10	0.00	0.00	0.00	2.488E+17	-9.059E+15
1D+0.5L			-3.991E-03	0.00	0.00	0.00	2.919E+17	-1.092E+16
COMB1	Max		9.631E+10	0.00	0.00	0.00	178901523.5	218047616.2
COMB1	Min		-9.631E+10	0.00	0.00	0.00	-178901523	-218047616
COMB2	Max		2.556E+10	0.00	0.00	0.00	508574602.	512983460.
COMB2	Min		-2.556E+10	0.00	0.00	0.00	-508574602	-512983460
ENVELOPE	Max		9.631E+10	0.00	0.00	0.00	3.870E+17	-9.059E+15
ENVELOPE	Min		-9.631E+10	0.00	0.00	0.00	2.488E+17	-1.482E+16

Table: Base Reactions, Part 3 of 4

Table: Base Reactions, Part 3 of 4

OutputCase	StepType	StepNum	ZCentroidFX	XCentroidFY	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ
			mm	mm	mm	mm	mm	mm
DEAD			0.00	1.524E+16	-4.496E+17	0.00	435.88	-23562.15
MODAL	Mode	1.000000	0.00	341235.32	34265.73	0.00	95861362.27	-1955972.84
MODAL	Mode	2.000000	0.00	298400.65	-14785.95	0.00	59074344.92	6043102.29
MODAL	Mode	3.000000	0.00	-328.18	-23909.36	0.00	146597.28	-99906686.
MODAL	Mode	4.000000	0.00	128767.75	-10843.40	0.00	-1628990.72	-126959.93
MODAL	Mode	5.000000	0.00	144803.42	-19749.61	0.00	-2568205.75	-177115.66
MODAL	Mode	6.000000	0.00	-1444.40	-24177.91	0.00	41762.82	2743799.02
MODAL	Mode	7.000000	0.00	69353.83	-15388.90	0.00	3598013.98	-351574.20
MODAL	Mode	8.000000	0.00	142814.22	-17591.51	0.00	731507.62	172220.99
MODAL	Mode	9.000000	0.00	-1617.47	-24473.80	0.00	-302945.88	-3238214.19
MODAL	Mode	10.000000	0.00	-3096.56	-24856.76	0.00	-328361.85	607452.17
MODAL	Mode	11.000000	0.00	-3392.37	-25781.25	0.00	-126419.35	47732.85
MODAL	Mode	12.000000	0.00	67156.58	-15016.61	0.00	-292233.09	-77444.30
MODAL	Mode	13.000000	0.00	121427.70	-13214.77	0.00	-947668.87	-134199.09
MODAL	Mode	14.000000	0.00	-714855.51	52104.38	0.00	8834.25	-38010.79
MODAL	Mode	15.000000	0.00	-15040.21	-28109.79	0.00	-285141.09	41986.03
MODAL	Mode	16.000000	0.00	15322.90	-22246.14	0.00	461985.90	-167950.60
MODAL	Mode	17.000000	0.00	-2227.31	-24591.63	0.00	-114148.93	-616966.49
MODAL	Mode	18.000000	0.00	142169.99	-4913.01	0.00	46191.53	-18571.76
MODAL	Mode	19.000000	0.00	114781.04	64692.26	0.00	-5003.89	-42522.45
MODAL	Mode	20.000000	0.00	-8320.93	-29858.64	0.00	-1823.04	-44299.17
MODAL	Mode	21.000000	0.00	98324.90	32740.05	0.00	-19295.83	-17918.30
MODAL	Mode	22.000000	0.00	-20582.46	-36876.43	0.00	-21699.89	-39714.59
MODAL	Mode	23.000000	0.00	11958.76	-13227.07	0.00	-1363.03	-8886.61
MODAL	Mode	24.000000	0.00	-31467.55	-33199.51	0.00	7675.38	-21587.69
MODAL	Mode	25.000000	0.00	-29164.02	-34990.05	0.00	-10690.83	-49910.35
MODAL	Mode	26.000000	0.00	-30087.80	-34886.37	0.00	183754.41	-17200.93
MODAL	Mode	27.000000	0.00	79173.17	40758.92	0.00	-46524.67	-58839.88
MODAL	Mode	28.000000	0.00	94769.86	48306.60	0.00	-9792.02	-32668.47
MODAL	Mode	29.000000	0.00	31090.63	-4182.06	0.00	11379.96	-19173.47
MODAL	Mode	30.000000	0.00	27894.64	-21253.70	0.00	-14614.01	-26944.11
MODAL	Mode	31.000000	0.00	21845.56	-5605.43	0.00	-22298.13	-38737.10
MODAL	Mode	32.000000	0.00	-3966.55	-30033.25	0.00	19125.62	-39803.01
MODAL	Mode	33.000000	0.00	813.10	-23234.67	0.00	27494.06	-1138.24
MODAL	Mode	34.000000	0.00	-8712.97	-23314.11	0.00	3043.47	-42951.20
MODAL	Mode	35.000000	0.00	-9419.92	-16374.95	0.00	45232.30	-12612.27
MODAL	Mode	36.000000	0.00	54221.24	-15897.38	0.00	-13958.72	-37666.68
MODAL	Mode	37.000000	0.00	22792.97	-22048.07	0.00	73259.73	-19857.69
MODAL	Mode	38.000000	0.00	55111.15	-12726.76	0.00	4006.76	-22538.09
MODAL	Mode	39.000000	0.00	18798.22	-22464.53	0.00	-3002.55	-21940.73
MODAL	Mode	40.000000	0.00	-7912.58	-21750.80	0.00	19183.19	-34819.82
MODAL	Mode	41.000000	0.00	-3143.09	-24852.87	0.00	-2119.12	-41066.54
MODAL	Mode	42.000000	0.00	-2646.61	-22067.42	0.00	-28018.09	-8064.50
MODAL	Mode	43.000000	0.00	-1894.79	-23210.68	0.00	-2314.04	-36728.20
MODAL	Mode	44.000000	0.00	5196.69	-27675.75	0.00	-4882.90	-4401.26
MODAL	Mode	45.000000	0.00	39367.85	-44300.68	0.00	-5229.92	-14026.07
MODAL	Mode	46.000000	0.00	100484.33	32071.66	0.00	-30087.33	-45701.63
MODAL	Mode	47.000000	0.00	-98415.60	50700.37	0.00	-68328.56	8640.62
MODAL	Mode	48.000000	0.00	3617.42	-9486.20	0.00	103880.71	-93292.18
MODAL	Mode	49.000000	0.00	68754.62	-69156.21	0.00	-20308.09	-13703.58
MODAL	Mode	50.000000	0.00	-176198.88	110732.94	0.00	-28298.85	-10240.03
LIVE			0.00	-1.566E+15	1.709E+16	0.00	415.68	-23988.33

Table: Base Reactions, Part 3 of 4

OutputCase	StepType	StepNum	ZCentroidFX	XCentroidFY	YCentroidFY	ZCentroidFY	XCentroidFZ	YCentroidFZ
			mm	mm	mm	mm	mm	mm
D++			0.00	-1.561E+15	1.718E+16	0.00	415.68	-23988.33
QUAKE X	Max		0.00	924699637.	130545816.0	0.00	2.723E+11	9.387E+10
QUAKE Y	Max		0.00	285421435.5	84627606.02	0.00	8.314E+10	3.092E+11
1.4D			0.00	1.915E+16	-6.054E+17	0.00	1192.17	-66570.67
1.2D+1.6L			0.00	1.391E+16	-4.916E+17	0.00	1686.95	-95441.90
1.2D+1L+1E	Max		0.00	1.485E+16	-5.018E+17	0.00	5.805E+11	2.001E+11
1.2D+1L+1E	Min		0.00	1.485E+16	-5.018E+17	0.00	-5.805E+11	-2.001E+11
0.9D+1E	Max		0.00	1.231E+16	-3.892E+17	0.00	5.805E+11	2.001E+11
0.9D+1E	Min		0.00	1.231E+16	-3.892E+17	0.00	-5.805E+11	-2.001E+11
1.2D+1L+1Ey	Max		0.00	1.485E+16	-5.018E+17	0.00	1.513E+11	5.628E+11
1.2D+1L+1Ey	Min		0.00	1.485E+16	-5.018E+17	0.00	-1.513E+11	-5.628E+11
0.9D+1Ey	Max		0.00	1.231E+16	-3.892E+17	0.00	1.513E+11	5.628E+11
0.9D+1Ey	Min		0.00	1.231E+16	-3.892E+17	0.00	-1.513E+11	-5.628E+11
1D+0.5L			0.00	1.289E+16	-4.239E+17	0.00	1059.39	-59544.64
COMB1	Max		0.00	1971459625	278323679.7	0.00	5.805E+11	2.001E+11
COMB1	Min		0.00	-1971459625	-278323680	0.00	-5.805E+11	-2.001E+11
COMB2	Max		0.00	519467013.	154022242.9	0.00	1.513E+11	5.628E+11
COMB2	Min		0.00	-519467013	-154022243	0.00	-1.513E+11	-5.628E+11
ENVELOPE	Max		0.00	1.915E+16	-3.892E+17	0.00	5.805E+11	5.628E+11
ENVELOPE	Min		0.00	1.231E+16	-6.054E+17	0.00	-5.805E+11	-5.628E+11

Table: Base Reactions, Part 4 of 4

Table: Base Reactions, Part 4 of 4

OutputCase	StepType	StepNum	ZCentroidFZ
			mm
DEAD			0.00
MODAL	Mode	1.000000	0.00
MODAL	Mode	2.000000	0.00
MODAL	Mode	3.000000	0.00
MODAL	Mode	4.000000	0.00
MODAL	Mode	5.000000	0.00
MODAL	Mode	6.000000	0.00
MODAL	Mode	7.000000	0.00
MODAL	Mode	8.000000	0.00
MODAL	Mode	9.000000	0.00
MODAL	Mode	10.000000	0.00
MODAL	Mode	11.000000	0.00
MODAL	Mode	12.000000	0.00
MODAL	Mode	13.000000	0.00
MODAL	Mode	14.000000	0.00
MODAL	Mode	15.000000	0.00
MODAL	Mode	16.000000	0.00
MODAL	Mode	17.000000	0.00
MODAL	Mode	18.000000	0.00
MODAL	Mode	19.000000	0.00
MODAL	Mode	20.000000	0.00
MODAL	Mode	21.000000	0.00
MODAL	Mode	22.000000	0.00
MODAL	Mode	23.000000	0.00
MODAL	Mode	24.000000	0.00

Table: Base Reactions, Part 4 of 4

OutputCase	StepType	StepNum	ZCentroidFZ
			mm
MODAL	Mode	25.000000	0.00
MODAL	Mode	26.000000	0.00
MODAL	Mode	27.000000	0.00
MODAL	Mode	28.000000	0.00
MODAL	Mode	29.000000	0.00
MODAL	Mode	30.000000	0.00
MODAL	Mode	31.000000	0.00
MODAL	Mode	32.000000	0.00
MODAL	Mode	33.000000	0.00
MODAL	Mode	34.000000	0.00
MODAL	Mode	35.000000	0.00
MODAL	Mode	36.000000	0.00
MODAL	Mode	37.000000	0.00
MODAL	Mode	38.000000	0.00
MODAL	Mode	39.000000	0.00
MODAL	Mode	40.000000	0.00
MODAL	Mode	41.000000	0.00
MODAL	Mode	42.000000	0.00
MODAL	Mode	43.000000	0.00
MODAL	Mode	44.000000	0.00
MODAL	Mode	45.000000	0.00
MODAL	Mode	46.000000	0.00
MODAL	Mode	47.000000	0.00
MODAL	Mode	48.000000	0.00
MODAL	Mode	49.000000	0.00
MODAL	Mode	50.000000	0.00
LIVE			0.00
D++			0.00
QUAKE X	Max		0.00
QUAKE Y	Max		0.00
1.4D			0.00
1.2D+1.6L			0.00
1.2D+1L+1E	Max		0.00
1.2D+1L+1E	Min		0.00
0.9D+1E	Max		0.00
0.9D+1E	Min		0.00
1.2D+1L+1Ey	Max		0.00
1.2D+1L+1Ey	Min		0.00
0.9D+1Ey	Max		0.00
0.9D+1Ey	Min		0.00
1D+0.5L			0.00
COMB1	Max		0.00
COMB1	Min		0.00
COMB2	Max		0.00
COMB2	Min		0.00
ENVELOPE	Max		0.00
ENVELOPE	Min		0.00

Force Based Design Output

Table: Joint Displacements, Part 1 of 2

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
1	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
1	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
2	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
2	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
3	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
3	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
4	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
4	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
5	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
5	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
6	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
6	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
7	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
7	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
8	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
8	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
9	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
9	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
9	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
10	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
10	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
11	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
11	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
12	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
12	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
13	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
13	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
13	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
14	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
14	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
15	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
15	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
16	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
16	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
17	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
17	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
17	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.4D	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1.6L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1E	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1E	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	1.2D+1L+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1Ey	Combination	Max	0.000000	0.000000	0.000000	0.000000	0.000000
18	0.9D+1Ey	Combination	Min	0.000000	0.000000	0.000000	0.000000	0.000000
18	1D+0.5L	Combination		0.000000	0.000000	0.000000	0.000000	0.000000
524	1.4D	Combination		0.498433	-0.013382	-2.011444	2.053E-06	0.000018
524	1.2D+1.6L	Combination		0.665980	0.003402	-2.057965	9.207E-07	0.000025
524	1.2D+1L+1E	Combination	Max	37.359475	15.007400	-1.423917	0.000711	0.001683
524	1.2D+1L+1E	Combination	Min	-36.206578	-15.011750	-2.441610	-0.000708	-0.001639
524	0.9D+1E	Combination	Max	37.103448	15.000972	-0.784225	0.000711	0.001673
524	0.9D+1E	Combination	Min	-36.462605	-15.018177	-1.801918	-0.000708	-0.001649
524	1.2D+1L+1Ey	Combination	Max	10.205964	27.031308	-1.341449	0.001324	0.000454
524	1.2D+1L+1Ey	Combination	Min	-9.053067	-27.035658	-2.524078	-0.001322	-0.000410
524	0.9D+1Ey	Combination	Max	9.949937	27.024880	-0.701757	0.001324	0.000444
524	0.9D+1Ey	Combination	Min	-9.309094	-27.042086	-1.884386	-0.001322	-0.000421
524	1D+0.5L	Combination		0.430634	-0.004911	-1.541080	1.204E-06	0.000016
590	1.4D	Combination		0.491049	-0.089326	-0.680471	2.641E-06	0.000018
590	1.2D+1.6L	Combination		0.653658	-0.105620	-0.734729	4.677E-06	0.000025
590	1.2D+1L+1E	Combination	Max	42.262805	13.183862	-0.635441	0.000536	0.001646
590	1.2D+1L+1E	Combination	Min	-41.130058	-13.373312	-0.720415	-0.000528	-0.001604
590	0.9D+1E	Combination	Max	42.012106	13.221163	-0.394959	0.000534	0.001637
590	0.9D+1E	Combination	Min	-41.380757	-13.336011	-0.479933	-0.000530	-0.001613
590	1.2D+1L+1Ey	Combination	Max	11.361621	30.827888	-0.578551	0.001267	0.000441
590	1.2D+1L+1Ey	Combination	Min	-10.228873	-31.017338	-0.777305	-0.001260	-0.000398
590	0.9D+1Ey	Combination	Max	11.110922	30.865189	-0.338069	0.001265	0.000431
590	0.9D+1Ey	Combination	Min	-10.479572	-30.980037	-0.536823	-0.001262	-0.000408
590	1D+0.5L	Combination		0.423487	-0.072884	-0.533384	2.641E-06	0.000016
1572	1.4D	Combination		1.824072	-1.623364	-3.230422	0.000048	7.285E-06
1572	1.2D+1.6L	Combination		2.510555	-2.077070	-3.407406	0.000060	0.000011
1572	1.2D+1L+1E	Combination	Max	117.892189	35.584117	-1.037890	0.000503	0.001158
1572	1.2D+1L+1E	Combination	Min	-113.581377	-39.224046	-5.298067	-0.000397	-0.001139
1572	0.9D+1E	Combination	Max	116.909401	36.360490	0.053389	0.000481	0.001153
1572	0.9D+1E	Combination	Min	-114.564165	-38.447672	-4.206788	-0.000419	-0.001144
1572	1.2D+1L+1Ey	Combination	Max	32.050192	99.693146	-1.201469	0.001281	0.000315
1572	1.2D+1L+1Ey	Combination	Min	-27.739380	-103.333075	-5.134489	-0.001175	-0.000296
1572	0.9D+1Ey	Combination	Max	31.067404	100.469519	-0.110189	0.001259	0.000310
1572	0.9D+1Ey	Combination	Min	-28.722168	-102.556701	-4.043210	-0.001198	-0.000301
1572	1D+0.5L	Combination		1.598867	-1.373800	-2.506967	0.000040	6.702E-06
1594	1.4D	Combination		-0.002849	0.028984	-0.166416	-6.663E-06	0.000017

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1594	1.2D+1.6L	Combination		-0.002689	0.025667	-0.157167	-5.409E-06	0.000024
1594	1.2D+1L+1E	Combination	Max	0.867463	0.361287	0.277582	0.000175	0.000530
1594	1.2D+1L+1E	Combination	Min	-0.872655	-0.310570	-0.581022	-0.000186	-0.000489
1594	0.9D+1E	Combination	Max	0.868228	0.354561	0.322320	0.000176	0.000520
1594	0.9D+1E	Combination	Min	-0.871890	-0.317296	-0.536284	-0.000184	-0.000499
1594	1.2D+1L+1Ey	Combination	Max	0.224906	0.580121	0.559902	0.000275	0.000153
1594	1.2D+1L+1Ey	Combination	Min	-0.230099	-0.529405	-0.863342	-0.000286	-0.000112
1594	0.9D+1Ey	Combination	Max	0.225671	0.573396	0.604640	0.000276	0.000144
1594	0.9D+1Ey	Combination	Min	-0.229334	-0.536131	-0.818604	-0.000284	-0.000122
1594	1D+0.5L	Combination		-0.002112	0.020960	-0.123408	-4.665E-06	0.000015
1595	1.4D	Combination		-0.039068	-0.037559	-0.172011	8.346E-06	-0.000014
1595	1.2D+1.6L	Combination		-0.037628	-0.037893	-0.166321	9.560E-06	-0.000013
1595	1.2D+1L+1E	Combination	Max	0.736343	0.324805	0.463132	0.000210	0.000431
1595	1.2D+1L+1E	Combination	Min	-0.808494	-0.396316	-0.781611	-0.000193	-0.000457
1595	0.9D+1E	Combination	Max	0.747303	0.336416	0.511793	0.000207	0.000435
1595	0.9D+1E	Combination	Min	-0.797534	-0.384706	-0.732950	-0.000196	-0.000453
1595	1.2D+1L+1Ey	Combination	Max	0.173040	0.462002	0.254305	0.000276	0.000107
1595	1.2D+1L+1Ey	Combination	Min	-0.245190	-0.533513	-0.572784	-0.000259	-0.000133
1595	0.9D+1Ey	Combination	Max	0.184000	0.473612	0.302966	0.000273	0.000111
1595	0.9D+1Ey	Combination	Min	-0.234230	-0.521902	-0.524123	-0.000262	-0.000129
1595	1D+0.5L	Combination		-0.029200	-0.028609	-0.128766	6.714E-06	-0.000011
1596	1.4D	Combination		0.030469	0.006551	-0.173249	-0.000023	0.000014
1596	1.2D+1.6L	Combination		0.030064	0.004372	-0.169658	-0.000032	0.000015
1596	1.2D+1L+1E	Combination	Max	0.910507	0.283631	0.962351	0.000139	0.000493
1596	1.2D+1L+1E	Combination	Min	-0.853340	-0.273955	-1.285798	-0.000194	-0.000466
1596	0.9D+1E	Combination	Max	0.901511	0.283004	1.012700	0.000152	0.000489
1596	0.9D+1E	Combination	Min	-0.862337	-0.274582	-1.235449	-0.000182	-0.000470
1596	1.2D+1L+1Ey	Combination	Max	0.270196	0.524113	0.272441	0.000283	0.000140
1596	1.2D+1L+1Ey	Combination	Min	-0.213029	-0.514436	-0.595888	-0.000338	-0.000112
1596	0.9D+1Ey	Combination	Max	0.261200	0.523486	0.322790	0.000296	0.000135
1596	0.9D+1Ey	Combination	Min	-0.222026	-0.515064	-0.545539	-0.000325	-0.000117
1596	1D+0.5L	Combination		0.022997	0.004291	-0.130361	-0.000020	0.000011
1597	1.4D	Combination		-0.019566	0.034249	-0.203108	-6.994E-06	-3.927E-06
1597	1.2D+1.6L	Combination		-0.019495	0.033789	-0.204415	-6.574E-06	-4.024E-06
1597	1.2D+1L+1E	Combination	Max	0.823266	0.230333	0.137328	0.000094	0.000505
1597	1.2D+1L+1E	Combination	Min	-0.860213	-0.166080	-0.523416	-0.000107	-0.000513
1597	0.9D+1E	Combination	Max	0.829161	0.220224	0.199803	0.000096	0.000506
1597	0.9D+1E	Combination	Min	-0.854318	-0.176190	-0.460942	-0.000105	-0.000512
1597	1.2D+1L+1Ey	Combination	Max	0.206210	0.584064	0.352793	0.000274	0.000130
1597	1.2D+1L+1Ey	Combination	Min	-0.243157	-0.519811	-0.738881	-0.000287	-0.000137
1597	0.9D+1Ey	Combination	Max	0.212105	0.573955	0.415267	0.000276	0.000131
1597	0.9D+1Ey	Combination	Min	-0.237262	-0.529920	-0.676406	-0.000285	-0.000136
1597	1D+0.5L	Combination		-0.014827	0.025849	-0.154553	-5.177E-06	-3.011E-06
1598	1.4D	Combination		0.019425	0.001511	-0.203935	-0.000040	3.986E-06
1598	1.2D+1.6L	Combination		0.019849	0.000778	-0.206193	-0.000050	4.600E-06
1598	1.2D+1L+1E	Combination	Max	0.908582	0.184818	0.605241	0.000049	0.000514
1598	1.2D+1L+1E	Combination	Min	-0.871283	-0.182874	-0.994083	-0.000137	-0.000505
1598	0.9D+1E	Combination	Max	0.902420	0.184817	0.668561	0.000067	0.000512

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1598	0.9D+1E	Combination	Min	-0.877446	-0.182875	-0.930763	-0.000118	-0.000507
1598	1.2D+1L+1Ey	Combination	Max	0.254277	0.522799	0.334942	0.000215	0.000137
1598	1.2D+1L+1Ey	Combination	Min	-0.216978	-0.520855	-0.723784	-0.000303	-0.000128
1598	0.9D+1Ey	Combination	Max	0.248115	0.522798	0.398262	0.000234	0.000135
1598	0.9D+1Ey	Combination	Min	-0.223140	-0.520856	-0.660464	-0.000285	-0.000130
1598	1D+0.5L	Combination		0.014875	0.000918	-0.155478	-0.000033	3.217E-06
1599	1.4D	Combination		-0.019863	-0.035590	-0.208385	4.673E-06	-3.501E-06
1599	1.2D+1.6L	Combination		-0.019692	-0.036757	-0.211349	4.654E-06	-3.299E-06
1599	1.2D+1L+1E	Combination	Max	0.801130	0.171852	0.164736	0.000112	0.000486
1599	1.2D+1L+1E	Combination	Min	-0.838514	-0.240677	-0.562884	-0.000103	-0.000493
1599	0.9D+1E	Combination	Max	0.807053	0.183385	0.229848	0.000110	0.000487
1599	0.9D+1E	Combination	Min	-0.832592	-0.229143	-0.497772	-0.000104	-0.000492
1599	1.2D+1L+1Ey	Combination	Max	0.195778	0.516216	0.333328	0.000286	0.000124
1599	1.2D+1L+1Ey	Combination	Min	-0.233162	-0.585041	-0.731476	-0.000278	-0.000130
1599	0.9D+1Ey	Combination	Max	0.201701	0.527750	0.398440	0.000285	0.000125
1599	0.9D+1Ey	Combination	Min	-0.227239	-0.573508	-0.666364	-0.000279	-0.000129
1599	1D+0.5L	Combination		-0.015021	-0.027375	-0.159076	3.541E-06	-2.594E-06
1600	1.4D	Combination		0.016778	-0.004813	-0.209940	0.000038	5.168E-06
1600	1.2D+1.6L	Combination		0.017588	-0.005490	-0.214253	0.000049	6.318E-06
1600	1.2D+1L+1E	Combination	Max	0.868088	0.180603	0.517588	0.000137	0.000486
1600	1.2D+1L+1E	Combination	Min	-0.835318	-0.190560	-0.920366	-0.000052	-0.000475
1600	0.9D+1E	Combination	Max	0.862489	0.182488	0.584016	0.000119	0.000484
1600	0.9D+1E	Combination	Min	-0.840917	-0.188676	-0.853939	-0.000070	-0.000477
1600	1.2D+1L+1Ey	Combination	Max	0.242293	0.520892	0.317426	0.000308	0.000130
1600	1.2D+1L+1Ey	Combination	Min	-0.209523	-0.530849	-0.720204	-0.000223	-0.000119
1600	0.9D+1Ey	Combination	Max	0.236694	0.522776	0.383853	0.000290	0.000128
1600	0.9D+1Ey	Combination	Min	-0.215122	-0.528965	-0.653776	-0.000241	-0.000121
1600	1D+0.5L	Combination		0.012986	-0.003864	-0.160677	0.000032	4.281E-06
1601	1.4D	Combination		0.006621	0.024995	-0.199801	-6.326E-06	-2.299E-07
1601	1.2D+1.6L	Combination		0.007314	0.025826	-0.203330	-6.756E-06	-1.214E-06
1601	1.2D+1L+1E	Combination	Max	0.869423	0.406928	0.251064	0.000194	0.000492
1601	1.2D+1L+1E	Combination	Min	-0.856024	-0.358577	-0.633670	-0.000207	-0.000494
1601	0.9D+1E	Combination	Max	0.866980	0.398820	0.313924	0.000196	0.000493
1601	0.9D+1E	Combination	Min	-0.858467	-0.366684	-0.570811	-0.000204	-0.000493
1601	1.2D+1L+1Ey	Combination	Max	0.230878	0.609625	0.523972	0.000287	0.000127
1601	1.2D+1L+1Ey	Combination	Min	-0.217479	-0.561274	-0.906579	-0.000299	-0.000129
1601	0.9D+1Ey	Combination	Max	0.228435	0.601518	0.586832	0.000289	0.000128
1601	0.9D+1Ey	Combination	Min	-0.219922	-0.569382	-0.843719	-0.000297	-0.000128
1601	1D+0.5L	Combination		0.005241	0.019229	-0.152738	-4.935E-06	-4.821E-07
1602	1.4D	Combination		0.046139	-0.038649	-0.202161	8.691E-06	0.000021
1602	1.2D+1.6L	Combination		0.047341	-0.038627	-0.203860	9.195E-06	0.000022
1602	1.2D+1L+1E	Combination	Max	0.818125	0.367251	0.435836	0.000231	0.000464
1602	1.2D+1L+1E	Combination	Min	-0.729288	-0.440381	-0.820622	-0.000214	-0.000423
1602	0.9D+1E	Combination	Max	0.803367	0.378970	0.498268	0.000228	0.000457
1602	0.9D+1E	Combination	Min	-0.744046	-0.428662	-0.758190	-0.000217	-0.000430
1602	1.2D+1L+1Ey	Combination	Max	0.259425	0.517484	0.288057	0.000298	0.000144

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1602	1.2D+1L+1Ey	Combination	Min	-0.170589	-0.590614	-0.672843	-0.000281	-0.000102
1602	0.9D+1Ey	Combination	Max	0.244668	0.529203	0.350489	0.000295	0.000137
1602	0.9D+1Ey	Combination	Min	-0.185347	-0.578895	-0.610411	-0.000284	-0.000109
1602	1D+0.5L	Combination		0.035392	-0.029325	-0.153957	6.753E-06	0.000016
1603	1.4D	Combination		0.042830	-0.013656	-0.214638	0.000022	0.000022
1603	1.2D+1.6L	Combination		0.045460	-0.014275	-0.220549	0.000029	0.000024
1603	1.2D+1L+1E	Combination	Max	0.846636	0.236638	0.894462	0.000170	0.000453
1603	1.2D+1L+1E	Combination	Min	-0.762277	-0.263261	-1.308130	-0.000120	-0.000410
1603	0.9D+1E	Combination	Max	0.831989	0.241171	0.963314	0.000159	0.000446
1603	0.9D+1E	Combination	Min	-0.776923	-0.258729	-1.239277	-0.000131	-0.000418
1603	1.2D+1L+1Ey	Combination	Max	0.262563	0.511020	0.216118	0.000315	0.000135
1603	1.2D+1L+1Ey	Combination	Min	-0.178204	-0.537643	-0.629786	-0.000264	-0.000091
1603	0.9D+1Ey	Combination	Max	0.247917	0.515552	0.284971	0.000304	0.000127
1603	0.9D+1Ey	Combination	Min	-0.192850	-0.533110	-0.560934	-0.000275	-0.000099
1603	1D+0.5L	Combination		0.033327	-0.010557	-0.164742	0.000019	0.000017
1604	1.4D	Combination		-0.039843	0.039582	-0.207326	-4.955E-06	-0.000018
1604	1.2D+1.6L	Combination		-0.038760	0.039894	-0.209175	-4.347E-06	-0.000018
1604	1.2D+1L+1E	Combination	Max	0.634375	0.309237	0.243089	0.000145	0.000365
1604	1.2D+1L+1E	Combination	Min	-0.708438	-0.233924	-0.637838	-0.000153	-0.000399
1604	0.9D+1E	Combination	Max	0.645794	0.297026	0.307183	0.000146	0.000371
1604	0.9D+1E	Combination	Min	-0.697020	-0.246135	-0.573744	-0.000152	-0.000393
1604	1.2D+1L+1Ey	Combination	Max	0.146444	0.544790	0.196933	0.000269	0.000088
1604	1.2D+1L+1Ey	Combination	Min	-0.220507	-0.469477	-0.591682	-0.000278	-0.000121
1604	0.9D+1Ey	Combination	Max	0.157863	0.532579	0.261027	0.000271	0.000093
1604	0.9D+1Ey	Combination	Min	-0.209089	-0.481688	-0.527589	-0.000277	-0.000116
1604	1D+0.5L	Combination		-0.029899	0.030138	-0.157923	-3.571E-06	-0.000013
1605	1.4D	Combination		0.002325	-0.037930	-0.226297	0.000017	-0.000060
1605	1.2D+1.6L	Combination		0.004250	-0.039134	-0.233438	0.000020	-0.000081
1605	1.2D+1L+1E	Combination	Max	0.733253	0.279335	0.312738	0.000176	0.000246
1605	1.2D+1L+1E	Combination	Min	-0.726446	-0.352636	-0.750012	-0.000139	-0.000386
1605	0.9D+1E	Combination	Max	0.731344	0.291602	0.385899	0.000169	0.000277
1605	0.9D+1E	Combination	Min	-0.728355	-0.340369	-0.676852	-0.000146	-0.000355
1605	1.2D+1L+1Ey	Combination	Max	0.193424	0.533516	0.578967	0.000311	0.000014
1605	1.2D+1L+1Ey	Combination	Min	-0.186617	-0.606817	-1.016241	-0.000275	-0.000155
1605	0.9D+1Ey	Combination	Max	0.191515	0.545783	0.652127	0.000304	0.000046
1605	0.9D+1Ey	Combination	Min	-0.188526	-0.594550	-0.943080	-0.000282	-0.000123
1605	1D+0.5L	Combination		0.002366	-0.029162	-0.173975	0.000014	-0.000052
1606	1.4D	Combination		0.020326	-0.002949	-0.194391	-0.000039	6.719E-06
1606	1.2D+1.6L	Combination		0.022373	-0.003562	-0.199094	-0.000052	8.357E-06
1606	1.2D+1L+1E	Combination	Max	0.782753	0.180573	0.490234	0.000048	0.000436
1606	1.2D+1L+1E	Combination	Min	-0.741719	-0.186922	-0.864068	-0.000138	-0.000421
1606	0.9D+1E	Combination	Max	0.775303	0.181852	0.552185	0.000068	0.000432
1606	0.9D+1E	Combination	Min	-0.749169	-0.185644	-0.802117	-0.000118	-0.000424
1606	1.2D+1L+1Ey	Combination	Max	0.225960	0.518017	0.350855	0.000219	0.000119
1606	1.2D+1L+1Ey	Combination	Min	-0.184926	-0.524366	-0.724689	-0.000308	-0.000104
1606	0.9D+1Ey	Combination	Max	0.218510	0.519296	0.412806	0.000239	0.000115
1606	0.9D+1Ey	Combination	Min	-0.192376	-0.523088	-0.662738	-0.000288	-0.000107

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1606	1D+0.5L	Combination		0.016066	-0.002430	-0.148999	-0.000033	5.611E-06
1607	1.4D	Combination		-0.018098	0.028303	-0.188808	-3.573E-06	-1.522E-06
1607	1.2D+1.6L	Combination		-0.016709	0.028099	-0.190647	-3.121E-06	-4.812E-07
1607	1.2D+1L+1E	Combination	Max	0.706552	0.228171	0.131730	0.000099	0.000434
1607	1.2D+1L+1E	Combination	Min	-0.739073	-0.174853	-0.491416	-0.000105	-0.000436
1607	0.9D+1E	Combination	Max	0.711178	0.219707	0.190196	0.000100	0.000434
1607	0.9D+1E	Combination	Min	-0.734448	-0.183317	-0.432950	-0.000104	-0.000436
1607	1.2D+1L+1Ey	Combination	Max	0.175832	0.582744	0.378259	0.000278	0.000113
1607	1.2D+1L+1Ey	Combination	Min	-0.208353	-0.529425	-0.737945	-0.000284	-0.000115
1607	0.9D+1Ey	Combination	Max	0.180458	0.574280	0.436726	0.000278	0.000113
1607	0.9D+1Ey	Combination	Min	-0.203727	-0.537890	-0.679479	-0.000283	-0.000115
1607	1D+0.5L	Combination		-0.013301	0.021416	-0.143867	-2.571E-06	-8.300E-07
1608	1.4D	Combination		-0.009939	-0.041061	-0.196055	9.550E-06	6.348E-07
1608	1.2D+1.6L	Combination		-0.008391	-0.042267	-0.199747	0.000010	1.797E-06
1608	1.2D+1L+1E	Combination	Max	0.716288	0.163515	0.126900	0.000112	0.000432
1608	1.2D+1L+1E	Combination	Min	-0.733166	-0.242745	-0.502619	-0.000093	-0.000429
1608	0.9D+1E	Combination	Max	0.718338	0.176734	0.188724	0.000109	0.000431
1608	0.9D+1E	Combination	Min	-0.731116	-0.229527	-0.440795	-0.000096	-0.000430
1608	1.2D+1L+1Ey	Combination	Max	0.184965	0.514694	0.370008	0.000289	0.000114
1608	1.2D+1L+1Ey	Combination	Min	-0.201843	-0.593924	-0.745727	-0.000271	-0.000111
1608	0.9D+1Ey	Combination	Max	0.187014	0.527913	0.431832	0.000286	0.000113
1608	0.9D+1Ey	Combination	Min	-0.199793	-0.580706	-0.683903	-0.000274	-0.000112
1608	1D+0.5L	Combination		-0.007059	-0.031539	-0.149946	7.416E-06	8.449E-07
1609	1.4D	Combination		0.024000	-0.009591	-0.203289	5.493E-06	7.280E-06
1609	1.2D+1.6L	Combination		0.026439	-0.010205	-0.210104	6.265E-06	9.093E-06
1609	1.2D+1L+1E	Combination	Max	0.781842	0.174790	0.474691	0.000111	0.000434
1609	1.2D+1L+1E	Combination	Min	-0.733365	-0.193712	-0.868007	-0.000100	-0.000418
1609	0.9D+1E	Combination	Max	0.773032	0.178086	0.540663	0.000109	0.000431
1609	0.9D+1E	Combination	Min	-0.742175	-0.190417	-0.802035	-0.000102	-0.000421
1609	1.2D+1L+1Ey	Combination	Max	0.227456	0.512012	0.340408	0.000301	0.000119
1609	1.2D+1L+1Ey	Combination	Min	-0.178979	-0.530934	-0.733724	-0.000290	-0.000103
1609	0.9D+1Ey	Combination	Max	0.218646	0.515307	0.406381	0.000299	0.000116
1609	0.9D+1Ey	Combination	Min	-0.187789	-0.527639	-0.667752	-0.000292	-0.000107
1609	1D+0.5L	Combination		0.018976	-0.007471	-0.156412	4.410E-06	6.092E-06
1610	1.4D	Combination		-0.020322	0.004044	-0.161717	0.000017	-0.000010
1610	1.2D+1.6L	Combination		-0.016583	0.004529	-0.150988	0.000024	-9.059E-06
1610	1.2D+1L+1E	Combination	Max	0.788832	0.302469	0.939324	0.000192	0.000422
1610	1.2D+1L+1E	Combination	Min	-0.822625	-0.294208	-1.232020	-0.000151	-0.000440
1610	0.9D+1E	Combination	Max	0.792665	0.300938	0.981711	0.000183	0.000425
1610	0.9D+1E	Combination	Min	-0.818793	-0.295739	-1.189633	-0.000161	-0.000438
1610	1.2D+1L+1Ey	Combination	Max	0.199667	0.505941	0.243568	0.000299	0.000103
1610	1.2D+1L+1Ey	Combination	Min	-0.233460	-0.497680	-0.536263	-0.000258	-0.000121
1610	0.9D+1Ey	Combination	Max	0.203499	0.504410	0.285954	0.000290	0.000105
1610	0.9D+1Ey	Combination	Min	-0.229628	-0.499211	-0.493876	-0.000268	-0.000119
1610	1D+0.5L	Combination		-0.014255	0.003221	-0.119379	0.000015	-7.509E-06
1611	1.4D	Combination		0.047947	0.036249	-0.179968	-8.684E-06	0.000020
1611	1.2D+1.6L	Combination		0.048054	0.035461	-0.172606	-9.314E-06	0.000020
1611	1.2D+1L+1E	Combination	Max	0.716683	0.355531	0.301239	0.000168	0.000402

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1611	1.2D+1L+1E	Combination	Min	-0.625793	-0.287902	-0.632690	-0.000185	-0.000364
1611	0.9D+1E	Combination	Max	0.702061	0.345019	0.351271	0.000171	0.000396
1611	0.9D+1E	Combination	Min	-0.640415	-0.298413	-0.582658	-0.000182	-0.000370
1611	1.2D+1L+1Ey	Combination	Max	0.231655	0.512030	0.201828	0.000256	0.000125
1611	1.2D+1L+1Ey	Combination	Min	-0.140765	-0.444401	-0.533279	-0.000273	-0.000087
1611	0.9D+1Ey	Combination	Max	0.217033	0.501518	0.251860	0.000259	0.000119
1611	0.9D+1Ey	Combination	Min	-0.155387	-0.454912	-0.483248	-0.000270	-0.000093
1611	1D+0.5L	Combination		0.036422	0.027264	-0.134282	-6.788E-06	0.000015
1612	1.4D	Combination		-0.009444	-0.039508	-0.179212	8.062E-06	-9.101E-06
1612	1.2D+1.6L	Combination		-0.006048	-0.036751	-0.169721	7.058E-06	-9.431E-06
1612	1.2D+1L+1E	Combination	Max	0.720553	0.359905	0.462231	0.000201	0.000383
1612	1.2D+1L+1E	Combination	Min	-0.734184	-0.431242	-0.789590	-0.000187	-0.000400
1612	0.9D+1E	Combination	Max	0.721297	0.370176	0.510703	0.000199	0.000386
1612	0.9D+1E	Combination	Min	-0.733439	-0.420972	-0.741118	-0.000189	-0.000397
1612	1.2D+1L+1Ey	Combination	Max	0.182900	0.532662	0.631261	0.000298	0.000096
1612	1.2D+1L+1Ey	Combination	Min	-0.196531	-0.603999	-0.958620	-0.000284	-0.000114
1612	0.9D+1Ey	Combination	Max	0.183645	0.542933	0.679733	0.000296	0.000099
1612	0.9D+1Ey	Combination	Min	-0.195787	-0.593728	-0.910148	-0.000286	-0.000111
1612	1D+0.5L	Combination		-0.006106	-0.029122	-0.133043	5.805E-06	-7.010E-06
1613	1.4D	Combination		0.006154	-0.001407	-0.575694	0.000281	0.000072
1613	1.2D+1.6L	Combination		0.008227	-0.001583	-0.688498	0.000376	0.000085
1613	1.2D+1L+1E	Combination	Max	0.756863	0.190219	-0.487351	0.000366	0.000229
1613	1.2D+1L+1E	Combination	Min	-0.742624	-0.193102	-0.743361	0.000284	-0.000076
1613	0.9D+1E	Combination	Max	0.753699	0.190756	-0.242085	0.000222	0.000199
1613	0.9D+1E	Combination	Min	-0.745788	-0.192565	-0.498094	0.000139	-0.000106
1613	1.2D+1L+1Ey	Combination	Max	0.200996	0.498353	-0.439098	0.000338	0.000130
1613	1.2D+1L+1Ey	Combination	Min	-0.186757	-0.501237	-0.791614	0.000312	0.000023
1613	0.9D+1Ey	Combination	Max	0.197832	0.498890	-0.193831	0.000193	0.000100
1613	0.9D+1Ey	Combination	Min	-0.189920	-0.500700	-0.546347	0.000168	-6.913E-06
1613	1D+0.5L	Combination		0.005318	-0.001123	-0.472162	0.000243	0.000059
1615	1.4D	Combination		0.002737	0.005473	-0.697460	-0.000230	-0.000019
1615	1.2D+1.6L	Combination		0.002928	0.004821	-0.839175	-0.000296	-0.000025
1615	1.2D+1L+1E	Combination	Max	0.882257	0.187878	-0.434054	-0.000020	0.000170
1615	1.2D+1L+1E	Combination	Min	-0.876837	-0.178333	-1.063281	-0.000498	-0.000214
1615	0.9D+1E	Combination	Max	0.881306	0.186624	-0.133754	0.000091	0.000180
1615	0.9D+1E	Combination	Min	-0.877788	-0.179587	-0.762981	-0.000387	-0.000204
1615	1.2D+1L+1Ey	Combination	Max	0.231850	0.523194	-0.245526	-0.000094	0.000039
1615	1.2D+1L+1Ey	Combination	Min	-0.226430	-0.513649	-1.251809	-0.000424	-0.000083
1615	0.9D+1Ey	Combination	Max	0.230899	0.521940	0.054774	0.000017	0.000049
1615	0.9D+1Ey	Combination	Min	-0.227381	-0.514903	-0.951509	-0.000313	-0.000074
1615	1D+0.5L	Combination		0.002137	0.003950	-0.573608	-0.000195	-0.000016
1616	1.4D	Combination		0.000849	0.019668	-0.325276	7.217E-06	0.000017
1616	1.2D+1.6L	Combination		0.002594	0.012255	-0.307239	8.519E-06	0.000023
1616	1.2D+1L+1E	Combination	Max	3.090158	1.168980	0.497012	0.000332	0.000896
1616	1.2D+1L+1E	Combination	Min	-3.086370	-1.141018	-1.090167	-0.000317	-0.000857
1616	0.9D+1E	Combination	Max	3.088810	1.167643	0.584483	0.000329	0.000887
1616	0.9D+1E	Combination	Min	-3.087719	-1.142355	-1.002696	-0.000320	-0.000866

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1616	1.2D+1L+1Ey	Combination	Max	0.804080	1.794488	1.019663	0.000474	0.000247
1616	1.2D+1L+1Ey	Combination	Min	-0.800292	-1.766526	-1.612818	-0.000459	-0.000208
1616	0.9D+1Ey	Combination	Max	0.802732	1.793151	1.107134	0.000471	0.000238
1616	0.9D+1Ey	Combination	Min	-0.801640	-1.767863	-1.525346	-0.000462	-0.000217
1616	1D+0.5L	Combination		0.001190	0.012610	-0.241225	5.884E-06	0.000015
1617	1.4D	Combination		-0.027668	-0.039057	-0.338215	2.523E-06	0.000017
1617	1.2D+1.6L	Combination		-0.024445	-0.043898	-0.327123	4.659E-06	0.000018
1617	1.2D+1L+1E	Combination	Max	2.855900	1.141106	0.817689	0.000339	0.000870
1617	1.2D+1L+1E	Combination	Min	-2.904243	-1.221086	-1.444017	-0.000331	-0.000836
1617	0.9D+1E	Combination	Max	2.862285	1.155988	0.913429	0.000337	0.000864
1617	0.9D+1E	Combination	Min	-2.897858	-1.206204	-1.348277	-0.000333	-0.000841
1617	1.2D+1L+1Ey	Combination	Max	0.721819	1.694701	0.471832	0.000489	0.000238
1617	1.2D+1L+1Ey	Combination	Min	-0.770162	-1.774681	-1.098159	-0.000481	-0.000205
1617	0.9D+1Ey	Combination	Max	0.728204	1.709583	0.567572	0.000487	0.000233
1617	0.9D+1Ey	Combination	Min	-0.763777	-1.759799	-1.002419	-0.000483	-0.000210
1617	1D+0.5L	Combination		-0.019991	-0.031154	-0.253215	2.582E-06	0.000013
1618	1.4D	Combination		0.026809	0.003755	-0.352541	-0.000016	-0.000011
1618	1.2D+1.6L	Combination		0.028615	-0.002056	-0.345184	-0.000022	-9.505E-06
1618	1.2D+1L+1E	Combination	Max	2.978716	0.997580	1.747497	0.000265	0.000785
1618	1.2D+1L+1E	Combination	Min	-2.925713	-0.997737	-2.405611	-0.000303	-0.000803
1618	0.9D+1E	Combination	Max	2.969448	1.000072	1.849921	0.000273	0.000787
1618	0.9D+1E	Combination	Min	-2.934980	-0.995245	-2.303188	-0.000294	-0.000801
1618	1.2D+1L+1Ey	Combination	Max	0.791411	1.778063	0.512291	0.000493	0.000201
1618	1.2D+1L+1Ey	Combination	Min	-0.738408	-1.778220	-1.170405	-0.000531	-0.000220
1618	0.9D+1Ey	Combination	Max	0.782143	1.780555	0.614715	0.000501	0.000203
1618	0.9D+1Ey	Combination	Min	-0.747675	-1.775728	-1.067982	-0.000522	-0.000217
1618	1D+0.5L	Combination		0.020910	0.001034	-0.265255	-0.000014	-7.819E-06
1619	1.4D	Combination		-0.009745	0.026182	-0.400666	7.492E-06	5.945E-06
1619	1.2D+1.6L	Combination		-0.008239	0.023805	-0.403380	8.447E-06	6.477E-06
1619	1.2D+1L+1E	Combination	Max	3.071660	0.670978	0.207820	0.000182	0.000904
1619	1.2D+1L+1E	Combination	Min	-3.088223	-0.624390	-0.969616	-0.000167	-0.000892
1619	0.9D+1E	Combination	Max	3.073677	0.664515	0.331147	0.000179	0.000902
1619	0.9D+1E	Combination	Min	-3.086206	-0.630853	-0.846289	-0.000169	-0.000894
1619	1.2D+1L+1Ey	Combination	Max	0.793319	1.835909	0.646071	0.000491	0.000239
1619	1.2D+1L+1Ey	Combination	Min	-0.809881	-1.789321	-1.407867	-0.000476	-0.000227
1619	0.9D+1Ey	Combination	Max	0.795336	1.829446	0.769398	0.000489	0.000237
1619	0.9D+1Ey	Combination	Min	-0.807864	-1.795784	-1.284540	-0.000479	-0.000229
1619	1D+0.5L	Combination		-0.006925	0.019127	-0.304925	5.984E-06	4.678E-06
1620	1.4D	Combination		0.020864	-0.001895	-0.409700	-0.000027	1.271E-06
1620	1.2D+1.6L	Combination		0.022656	-0.004151	-0.414173	-0.000036	2.023E-06
1620	1.2D+1L+1E	Combination	Max	3.129726	0.632067	1.044212	0.000123	0.000883
1620	1.2D+1L+1E	Combination	Min	-3.087993	-0.638473	-1.825308	-0.000185	-0.000879
1620	0.9D+1E	Combination	Max	3.122272	0.634052	1.171381	0.000137	0.000882
1620	0.9D+1E	Combination	Min	-3.095447	-0.636488	-1.698139	-0.000172	-0.000880
1620	1.2D+1L+1Ey	Combination	Max	0.827442	1.800821	0.637321	0.000400	0.000232
1620	1.2D+1L+1Ey	Combination	Min	-0.785709	-1.807228	-1.418416	-0.000462	-0.000228

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1620	0.9D+1Ey	Combination	Max	0.819988	1.802806	0.764489	0.000413	0.000231
1620	0.9D+1Ey	Combination	Min	-0.793163	-1.805242	-1.291247	-0.000448	-0.000229
1620	1D+0.5L	Combination		0.016394	-0.002143	-0.312331	-0.000023	1.200E-06
1621	1.4D	Combination		-0.010965	-0.036666	-0.411041	2.543E-07	6.572E-06
1621	1.2D+1.6L	Combination		-0.008703	-0.039754	-0.417079	6.470E-07	7.608E-06
1621	1.2D+1L+1E	Combination	Max	2.956752	0.618339	0.255933	0.000176	0.000862
1621	1.2D+1L+1E	Combination	Min	-2.974679	-0.691603	-1.041522	-0.000176	-0.000848
1621	0.9D+1E	Combination	Max	2.958666	0.631400	0.384487	0.000176	0.000859
1621	0.9D+1E	Combination	Min	-2.972764	-0.678542	-0.912968	-0.000176	-0.000850
1621	1.2D+1L+1Ey	Combination	Max	0.757515	1.775639	0.607159	0.000489	0.000228
1621	1.2D+1L+1Ey	Combination	Min	-0.775442	-1.848902	-1.392748	-0.000488	-0.000214
1621	0.9D+1Ey	Combination	Max	0.759429	1.788700	0.735713	0.000489	0.000225
1621	0.9D+1Ey	Combination	Min	-0.773527	-1.835841	-1.264194	-0.000488	-0.000217
1621	1D+0.5L	Combination		-0.007615	-0.028792	-0.313838	3.157E-07	5.311E-06
1622	1.4D	Combination		0.019138	-0.008580	-0.422239	0.000025	3.427E-06
1622	1.2D+1.6L	Combination		0.021923	-0.010902	-0.430681	0.000034	4.694E-06
1622	1.2D+1L+1E	Combination	Max	3.004453	0.626653	0.871803	0.000187	0.000834
1622	1.2D+1L+1E	Combination	Min	-2.964746	-0.645795	-1.681594	-0.000128	-0.000826
1622	0.9D+1E	Combination	Max	2.996903	0.630708	1.005259	0.000174	0.000832
1622	0.9D+1E	Combination	Min	-2.972296	-0.641740	-1.548138	-0.000141	-0.000828
1622	1.2D+1L+1Ey	Combination	Max	0.792185	1.796264	0.596877	0.000474	0.000220
1622	1.2D+1L+1Ey	Combination	Min	-0.752479	-1.815407	-1.406668	-0.000414	-0.000212
1622	0.9D+1Ey	Combination	Max	0.784635	1.800320	0.730333	0.000460	0.000218
1622	0.9D+1Ey	Combination	Min	-0.760029	-1.811352	-1.273212	-0.000428	-0.000213
1622	1D+0.5L	Combination		0.015395	-0.007237	-0.323087	0.000022	2.997E-06
1623	1.4D	Combination		0.015791	0.021921	-0.393816	4.244E-06	4.425E-08
1623	1.2D+1.6L	Combination		0.017855	0.024234	-0.400441	3.570E-06	-5.052E-07
1623	1.2D+1L+1E	Combination	Max	3.103449	1.333104	0.425370	0.000357	0.000854
1623	1.2D+1L+1E	Combination	Min	-3.070979	-1.288720	-1.179088	-0.000350	-0.000855
1623	0.9D+1E	Combination	Max	3.097366	1.325004	0.549062	0.000356	0.000855
1623	0.9D+1E	Combination	Min	-3.077063	-1.296820	-1.055396	-0.000351	-0.000855
1623	1.2D+1L+1Ey	Combination	Max	0.817941	1.931278	0.922491	0.000495	0.000221
1623	1.2D+1L+1Ey	Combination	Min	-0.785471	-1.886894	-1.676209	-0.000488	-0.000222
1623	0.9D+1Ey	Combination	Max	0.811858	1.923178	1.046183	0.000494	0.000222
1623	0.9D+1Ey	Combination	Min	-0.791555	-1.894994	-1.552517	-0.000489	-0.000221
1623	1D+0.5L	Combination		0.012629	0.017359	-0.300948	3.010E-06	-1.381E-07
1624	1.4D	Combination		0.050266	-0.036683	-0.397604	1.191E-06	-0.000011
1624	1.2D+1.6L	Combination		0.053433	-0.035128	-0.401189	1.151E-06	-0.000011
1624	1.2D+1L+1E	Combination	Max	2.935463	1.298270	0.755923	0.000373	0.000842
1624	1.2D+1L+1E	Combination	Min	-2.836358	-1.365763	-1.513012	-0.000371	-0.000863
1624	0.9D+1E	Combination	Max	2.918224	1.308434	0.878865	0.000373	0.000845
1624	0.9D+1E	Combination	Min	-2.853597	-1.355599	-1.390070	-0.000371	-0.000860
1624	1.2D+1L+1Ey	Combination	Max	0.800648	1.850028	0.527925	0.000517	0.000210
1624	1.2D+1L+1Ey	Combination	Min	-0.701543	-1.917520	-1.285013	-0.000515	-0.000231
1624	0.9D+1Ey	Combination	Max	0.783409	1.860192	0.650866	0.000516	0.000213
1624	0.9D+1Ey	Combination	Min	-0.718782	-1.907356	-1.162072	-0.000515	-0.000228
1624	1D+0.5L	Combination		0.039138	-0.027354	-0.302873	8.911E-07	-8.470E-06
1625	1.4D	Combination		0.047418	-0.026747	-0.434495	0.000019	-9.417E-06

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1625	1.2D+1.6L	Combination		0.055074	-0.030450	-0.446312	0.000026	-7.539E-06
1625	1.2D+1L+1E	Combination	Max	2.680038	0.813974	1.630007	0.000257	0.000687
1625	1.2D+1L+1E	Combination	Min	-2.580712	-0.869230	-2.467215	-0.000212	-0.000703
1625	0.9D+1E	Combination	Max	2.660858	0.824408	1.769293	0.000247	0.000689
1625	0.9D+1E	Combination	Min	-2.599892	-0.858796	-2.327929	-0.000222	-0.000701
1625	1.2D+1L+1Ey	Combination	Max	0.730895	1.772923	0.402850	0.000506	0.000177
1625	1.2D+1L+1Ey	Combination	Min	-0.631570	-1.828179	-1.240058	-0.000461	-0.000193
1625	0.9D+1Ey	Combination	Max	0.711715	1.783357	0.542136	0.000496	0.000179
1625	0.9D+1Ey	Combination	Min	-0.650750	-1.817745	-1.100772	-0.000471	-0.000191
1625	1D+0.5L	Combination		0.038379	-0.021456	-0.333443	0.000017	-6.560E-06
1626	1.4D	Combination		-0.018785	0.021794	-0.408356	7.648E-06	0.000022
1626	1.2D+1.6L	Combination		-0.012401	0.018649	-0.412147	9.079E-06	0.000024
1626	1.2D+1L+1E	Combination	Max	2.525560	0.961702	0.403396	0.000272	0.000776
1626	1.2D+1L+1E	Combination	Min	-2.553137	-0.924380	-1.181094	-0.000256	-0.000732
1626	0.9D+1E	Combination	Max	2.527273	0.957051	0.529730	0.000269	0.000768
1626	0.9D+1E	Combination	Min	-2.551424	-0.929031	-1.054759	-0.000259	-0.000740
1626	1.2D+1L+1Ey	Combination	Max	0.645198	1.788302	0.356962	0.000503	0.000218
1626	1.2D+1L+1Ey	Combination	Min	-0.672775	-1.750980	-1.134660	-0.000487	-0.000174
1626	0.9D+1Ey	Combination	Max	0.646911	1.783651	0.483296	0.000500	0.000210
1626	0.9D+1Ey	Combination	Min	-0.671062	-1.755631	-1.008325	-0.000490	-0.000182
1626	1D+0.5L	Combination		-0.012261	0.015557	-0.311098	6.251E-06	0.000017
1627	1.4D	Combination		0.019228	-0.048146	-0.440308	6.367E-06	-0.000046
1627	1.2D+1.6L	Combination		0.026863	-0.052712	-0.453691	9.123E-06	-0.000062
1627	1.2D+1L+1E	Combination	Max	2.629727	0.928004	0.565485	0.000267	0.000502
1627	1.2D+1L+1E	Combination	Min	-2.583787	-1.024845	-1.415653	-0.000251	-0.000610
1627	0.9D+1E	Combination	Max	2.619118	0.945474	0.707514	0.000263	0.000526
1627	0.9D+1E	Combination	Min	-2.594396	-1.007376	-1.273624	-0.000255	-0.000586
1627	1.2D+1L+1Ey	Combination	Max	0.701753	1.774638	1.053254	0.000494	0.000095
1627	1.2D+1L+1Ey	Combination	Min	-0.655813	-1.871479	-1.903423	-0.000479	-0.000203
1627	0.9D+1Ey	Combination	Max	0.691144	1.792108	1.195284	0.000491	0.000119
1627	0.9D+1Ey	Combination	Min	-0.666422	-1.854010	-1.761394	-0.000483	-0.000179
1627	1D+0.5L	Combination		0.016979	-0.037966	-0.338344	5.693E-06	-0.000040
1628	1.4D	Combination		0.030823	-0.009870	-0.391133	-0.000030	6.235E-06
1628	1.2D+1.6L	Combination		0.038007	-0.011920	-0.400138	-0.000040	8.652E-06
1628	1.2D+1L+1E	Combination	Max	2.680960	0.623780	0.835086	0.000121	0.000744
1628	1.2D+1L+1E	Combination	Min	-2.613637	-0.645025	-1.586702	-0.000190	-0.000730
1628	0.9D+1E	Combination	Max	2.667114	0.628058	0.959451	0.000136	0.000741
1628	0.9D+1E	Combination	Min	-2.627484	-0.640748	-1.462337	-0.000175	-0.000733
1628	1.2D+1L+1Ey	Combination	Max	0.719203	1.790064	0.668356	0.000406	0.000200
1628	1.2D+1L+1Ey	Combination	Min	-0.651880	-1.811309	-1.419971	-0.000476	-0.000185
1628	0.9D+1Ey	Combination	Max	0.705356	1.794342	0.792721	0.000422	0.000196
1628	0.9D+1Ey	Combination	Min	-0.665726	-1.807032	-1.295607	-0.000460	-0.000188
1628	1D+0.5L	Combination		0.025637	-0.008131	-0.299656	-0.000026	5.487E-06
1629	1.4D	Combination		0.000876	0.015936	-0.372808	5.456E-06	0.000011
1629	1.2D+1.6L	Combination		0.007551	0.013933	-0.376729	6.412E-06	0.000013
1629	1.2D+1L+1E	Combination	Max	2.629298	0.664731	0.202679	0.000179	0.000772
1629	1.2D+1L+1E	Combination	Min	-2.619295	-0.637071	-0.913252	-0.000168	-0.000750
1629	0.9D+1E	Combination	Max	2.624860	0.661145	0.318303	0.000177	0.000768

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1629	0.9D+1E	Combination	Min	-2.623733	-0.640657	-0.797628	-0.000170	-0.000754
1629	1.2D+1L+1Ey	Combination	Max	0.684369	1.830298	0.697632	0.000490	0.000208
1629	1.2D+1L+1Ey	Combination	Min	-0.674367	-1.802637	-1.408206	-0.000478	-0.000185
1629	0.9D+1Ey	Combination	Max	0.679931	1.826712	0.813257	0.000487	0.000204
1629	0.9D+1Ey	Combination	Min	-0.678805	-1.806223	-1.292582	-0.000480	-0.000190
1629	1D+0.5L	Combination		0.002751	0.011468	-0.284160	4.439E-06	8.709E-06
1630	1.4D	Combination		0.011278	-0.046606	-0.386431	2.164E-08	0.000011
1630	1.2D+1.6L	Combination		0.018743	-0.049600	-0.394059	8.297E-07	0.000013
1630	1.2D+1L+1E	Combination	Max	2.631690	0.606062	0.191956	0.000173	0.000763
1630	1.2D+1L+1E	Combination	Min	-2.601011	-0.698023	-0.932950	-0.000172	-0.000739
1630	0.9D+1E	Combination	Max	2.623600	0.622082	0.314033	0.000172	0.000758
1630	0.9D+1E	Combination	Min	-2.609100	-0.682003	-0.810872	-0.000172	-0.000744
1630	1.2D+1L+1Ey	Combination	Max	0.697758	1.769744	0.681130	0.000482	0.000207
1630	1.2D+1L+1Ey	Combination	Min	-0.667079	-1.861704	-1.422124	-0.000481	-0.000184
1630	0.9D+1Ey	Combination	Max	0.689668	1.785763	0.803207	0.000482	0.000202
1630	0.9D+1Ey	Combination	Min	-0.675168	-1.845685	-1.300047	-0.000482	-0.000188
1630	1D+0.5L	Combination		0.010892	-0.036306	-0.295657	2.690E-07	8.930E-06
1631	1.4D	Combination		0.038953	-0.015927	-0.405450	3.626E-06	7.271E-06
1631	1.2D+1.6L	Combination		0.047163	-0.017970	-0.418675	4.678E-06	0.000010
1631	1.2D+1L+1E	Combination	Max	2.679076	0.617764	0.807178	0.000181	0.000742
1631	1.2D+1L+1E	Combination	Min	-2.595081	-0.650465	-1.591168	-0.000173	-0.000725
1631	0.9D+1E	Combination	Max	2.662119	0.623876	0.938526	0.000179	0.000738
1631	0.9D+1E	Combination	Min	-2.612037	-0.644353	-1.459819	-0.000174	-0.000729
1631	1.2D+1L+1Ey	Combination	Max	0.729243	1.783021	0.651393	0.000499	0.000201
1631	1.2D+1L+1Ey	Combination	Min	-0.645248	-1.815722	-1.435382	-0.000491	-0.000184
1631	0.9D+1Ey	Combination	Max	0.712287	1.789133	0.782741	0.000497	0.000197
1631	0.9D+1Ey	Combination	Min	-0.662205	-1.809610	-1.304034	-0.000493	-0.000188
1631	1D+0.5L	Combination		0.032128	-0.012726	-0.311840	3.081E-06	6.382E-06
1632	1.4D	Combination		0.008430	0.009360	-0.329624	0.000014	0.000020
1632	1.2D+1.6L	Combination		0.016672	0.010907	-0.308030	0.000020	0.000021
1632	1.2D+1L+1E	Combination	Max	2.639701	1.033570	1.718480	0.000300	0.000712
1632	1.2D+1L+1E	Combination	Min	-2.613442	-1.013918	-2.315418	-0.000266	-0.000672
1632	0.9D+1E	Combination	Max	2.631990	1.029761	1.805048	0.000293	0.000705
1632	0.9D+1E	Combination	Min	-2.621152	-1.017727	-2.228851	-0.000274	-0.000679
1632	1.2D+1L+1Ey	Combination	Max	0.692526	1.767533	0.456928	0.000491	0.000205
1632	1.2D+1L+1Ey	Combination	Min	-0.666266	-1.747881	-1.053866	-0.000457	-0.000166
1632	0.9D+1Ey	Combination	Max	0.684815	1.763724	0.543496	0.000484	0.000199
1632	0.9D+1Ey	Combination	Min	-0.673977	-1.751690	-0.967299	-0.000465	-0.000173
1632	1D+0.5L	Combination		0.008973	0.007587	-0.243413	0.000013	0.000016
1633	1.4D	Combination		0.062521	0.033383	-0.353975	6.919E-07	-6.981E-06
1633	1.2D+1.6L	Combination		0.067919	0.034835	-0.339431	-5.337E-07	-4.346E-06
1633	1.2D+1L+1E	Combination	Max	2.598254	1.155156	0.516940	0.000315	0.000751
1633	1.2D+1L+1E	Combination	Min	-2.473164	-1.090152	-1.168785	-0.000315	-0.000761
1633	0.9D+1E	Combination	Max	2.575901	1.144115	0.615307	0.000316	0.000752
1633	0.9D+1E	Combination	Min	-2.495517	-1.101194	-1.070418	-0.000315	-0.000761
1633	1.2D+1L+1Ey	Combination	Max	0.724357	1.730362	0.368996	0.000482	0.000191

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1633	1.2D+1L+1Ey	Combination	Min	-0.599266	-1.665358	-1.020840	-0.000483	-0.000201
1633	0.9D+1Ey	Combination	Max	0.702004	1.719320	0.467363	0.000483	0.000191
1633	0.9D+1Ey	Combination	Min	-0.621620	-1.676400	-0.922474	-0.000482	-0.000200
1633	1D+0.5L	Combination		0.049136	0.025789	-0.264097	1.421E-07	-4.475E-06
1634	1.4D	Combination		0.009561	-0.032990	-0.348418	-5.074E-06	-1.333E-06
1634	1.2D+1.6L	Combination		0.018688	-0.028514	-0.330291	-5.622E-06	-1.338E-06
1634	1.2D+1L+1E	Combination	Max	2.629066	1.147097	0.847451	0.000306	0.000682
1634	1.2D+1L+1E	Combination	Min	-2.599559	-1.203947	-1.484297	-0.000316	-0.000685
1634	0.9D+1E	Combination	Max	2.620459	1.154314	0.941891	0.000308	0.000682
1634	0.9D+1E	Combination	Min	-2.608166	-1.196730	-1.389856	-0.000314	-0.000684
1634	1.2D+1L+1Ey	Combination	Max	0.695771	1.740400	1.164964	0.000470	0.000182
1634	1.2D+1L+1Ey	Combination	Min	-0.666264	-1.797251	-1.801809	-0.000480	-0.000185
1634	0.9D+1Ey	Combination	Max	0.687164	1.747617	1.259404	0.000472	0.000183
1634	0.9D+1Ey	Combination	Min	-0.674871	-1.790033	-1.707369	-0.000479	-0.000184
1634	1D+0.5L	Combination		0.010108	-0.023638	-0.258759	-4.022E-06	-1.013E-06
1635	1.4D	Combination		0.012571	0.006698	-0.481906	2.629E-06	0.000019
1635	1.2D+1.6L	Combination		0.016724	-0.007307	-0.455400	5.020E-06	0.000026
1635	1.2D+1L+1E	Combination	Max	6.369230	2.391110	0.666351	0.000444	0.001195
1635	1.2D+1L+1E	Combination	Min	-6.340243	-2.395938	-1.545398	-0.000437	-0.001151
1635	0.9D+1E	Combination	Max	6.362818	2.397830	0.796078	0.000442	0.001185
1635	0.9D+1E	Combination	Min	-6.346655	-2.389218	-1.415671	-0.000439	-0.001161
1635	1.2D+1L+1Ey	Combination	Max	1.663003	3.631786	1.382136	0.000666	0.000327
1635	1.2D+1L+1Ey	Combination	Min	-1.634016	-3.636614	-2.261184	-0.000658	-0.000282
1635	0.9D+1Ey	Combination	Max	1.656591	3.638506	1.511863	0.000663	0.000316
1635	0.9D+1Ey	Combination	Min	-1.640428	-3.629894	-2.131457	-0.000660	-0.000292
1635	1D+0.5L	Combination		0.010838	0.000707	-0.357449	2.743E-06	0.000017
1636	1.4D	Combination		-0.015429	-0.048517	-0.501407	4.454E-06	-6.250E-06
1636	1.2D+1.6L	Combination		-0.008907	-0.060148	-0.485070	7.431E-06	-4.614E-06
1636	1.2D+1L+1E	Combination	Max	5.981222	2.365293	1.082553	0.000464	0.001102
1636	1.2D+1L+1E	Combination	Min	-6.002275	-2.471667	-2.011223	-0.000452	-0.001111
1636	0.9D+1E	Combination	Max	5.981830	2.387290	1.224555	0.000461	0.001102
1636	0.9D+1E	Combination	Min	-6.001667	-2.449669	-1.869221	-0.000455	-0.001111
1636	1.2D+1L+1Ey	Combination	Max	1.538562	3.547007	0.636101	0.000684	0.000283
1636	1.2D+1L+1Ey	Combination	Min	-1.559614	-3.653381	-1.564771	-0.000672	-0.000293
1636	0.9D+1Ey	Combination	Max	1.539170	3.569005	0.778103	0.000681	0.000284
1636	0.9D+1Ey	Combination	Min	-1.559007	-3.631383	-1.422769	-0.000675	-0.000292
1636	1D+0.5L	Combination		-0.009671	-0.040455	-0.375427	4.311E-06	-4.232E-06
1637	1.4D	Combination		0.038356	-0.008177	-0.522151	-0.000013	0.000017
1637	1.2D+1.6L	Combination		0.043488	-0.019909	-0.511274	-0.000020	0.000018
1637	1.2D+1L+1E	Combination	Max	6.091119	2.052897	2.361004	0.000363	0.001144
1637	1.2D+1L+1E	Combination	Min	-6.012102	-2.083040	-3.335765	-0.000397	-0.001110
1637	0.9D+1E	Combination	Max	6.076268	2.062712	2.512716	0.000371	0.001138
1637	0.9D+1E	Combination	Min	-6.026953	-2.073225	-3.184053	-0.000389	-0.001116
1637	1.2D+1L+1Ey	Combination	Max	1.604031	3.626982	0.713622	0.000673	0.000308
1637	1.2D+1L+1Ey	Combination	Min	-1.525013	-3.657125	-1.688383	-0.000706	-0.000275
1637	0.9D+1Ey	Combination	Max	1.589179	3.636797	0.865334	0.000681	0.000302
1637	0.9D+1Ey	Combination	Min	-1.539865	-3.647309	-1.536671	-0.000698	-0.000281

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1637	1D+0.5L	Combination		0.030713	-0.009872	-0.392876	-0.000012	0.000013
1638	1.4D	Combination		0.002765	0.015085	-0.593542	2.167E-06	2.188E-06
1638	1.2D+1.6L	Combination		0.006710	0.009636	-0.597730	3.375E-06	2.822E-06
1638	1.2D+1L+1E	Combination	Max	6.362991	1.334329	0.241093	0.000245	0.001194
1638	1.2D+1L+1E	Combination	Min	-6.352826	-1.312587	-1.369818	-0.000240	-0.001189
1638	0.9D+1E	Combination	Max	6.359686	1.333155	0.423893	0.000244	0.001193
1638	0.9D+1E	Combination	Min	-6.356131	-1.313761	-1.187018	-0.000241	-0.001190
1638	1.2D+1L+1Ey	Combination	Max	1.655639	3.704464	0.869980	0.000679	0.000311
1638	1.2D+1L+1Ey	Combination	Min	-1.645475	-3.682722	-1.998705	-0.000674	-0.000306
1638	0.9D+1Ey	Combination	Max	1.652334	3.703290	1.052780	0.000678	0.000310
1638	0.9D+1Ey	Combination	Min	-1.648779	-3.683896	-1.815905	-0.000675	-0.000307
1638	1D+0.5L	Combination		0.003331	0.009745	-0.451765	2.022E-06	1.859E-06
1639	1.4D	Combination		0.033570	-0.011104	-0.604716	-0.000024	7.397E-06
1639	1.2D+1.6L	Combination		0.037810	-0.015963	-0.611326	-0.000033	8.676E-06
1639	1.2D+1L+1E	Combination	Max	6.415447	1.287192	1.351904	0.000179	0.001192
1639	1.2D+1L+1E	Combination	Min	-6.346605	-1.314284	-2.504807	-0.000236	-0.001176
1639	0.9D+1E	Combination	Max	6.402607	1.293600	1.539609	0.000192	0.001189
1639	0.9D+1E	Combination	Min	-6.359446	-1.307877	-2.317101	-0.000223	-0.001179
1639	1.2D+1L+1Ey	Combination	Max	1.688817	3.680174	0.879511	0.000548	0.000315
1639	1.2D+1L+1Ey	Combination	Min	-1.619974	-3.707267	-2.032414	-0.000605	-0.000299
1639	0.9D+1Ey	Combination	Max	1.675976	3.686582	1.067217	0.000561	0.000312
1639	0.9D+1Ey	Combination	Min	-1.632815	-3.700859	-1.844709	-0.000592	-0.000302
1639	1D+0.5L	Combination		0.026802	-0.009946	-0.461002	-0.000021	6.013E-06
1640	1.4D	Combination		0.003051	-0.044512	-0.610448	1.247E-06	3.490E-06
1640	1.2D+1.6L	Combination		0.008707	-0.050662	-0.619563	1.973E-06	4.684E-06
1640	1.2D+1L+1E	Combination	Max	6.110755	1.283396	0.307524	0.000246	0.001140
1640	1.2D+1L+1E	Combination	Min	-6.097910	-1.375339	-1.474408	-0.000243	-0.001132
1640	0.9D+1E	Combination	Max	6.106294	1.300753	0.498535	0.000246	0.001139
1640	0.9D+1E	Combination	Min	-6.102371	-1.357982	-1.283397	-0.000244	-0.001134
1640	1.2D+1L+1Ey	Combination	Max	1.582925	3.647735	0.812840	0.000682	0.000297
1640	1.2D+1L+1Ey	Combination	Min	-1.570081	-3.739677	-1.979724	-0.000678	-0.000289
1640	0.9D+1Ey	Combination	Max	1.578464	3.665091	1.003851	0.000681	0.000296
1640	0.9D+1Ey	Combination	Min	-1.574542	-3.722321	-1.788713	-0.000679	-0.000291
1640	1D+0.5L	Combination		0.004083	-0.035703	-0.466135	1.173E-06	3.022E-06
1641	1.4D	Combination		0.032938	-0.017076	-0.623845	0.000026	8.976E-06
1641	1.2D+1.6L	Combination		0.039118	-0.021976	-0.636244	0.000036	0.000011
1641	1.2D+1L+1E	Combination	Max	6.153661	1.282128	1.109498	0.000242	0.001122
1641	1.2D+1L+1E	Combination	Min	-6.083589	-1.320575	-2.305846	-0.000181	-0.001102
1641	0.9D+1E	Combination	Max	6.139799	1.290374	1.306629	0.000228	0.001118
1641	0.9D+1E	Combination	Min	-6.097451	-1.312329	-2.108715	-0.000194	-0.001106
1641	1.2D+1L+1Ey	Combination	Max	1.616102	3.675477	0.814313	0.000628	0.000297
1641	1.2D+1L+1Ey	Combination	Min	-1.546030	-3.713925	-2.010661	-0.000567	-0.000278
1641	0.9D+1Ey	Combination	Max	1.602240	3.683724	1.011444	0.000614	0.000293
1641	0.9D+1Ey	Combination	Min	-1.559892	-3.705679	-1.813530	-0.000581	-0.000282
1641	1D+0.5L	Combination		0.026929	-0.014491	-0.477328	0.000023	7.420E-06
1642	1.4D	Combination		0.028102	0.018691	-0.584087	-1.202E-07	1.925E-06
1642	1.2D+1.6L	Combination		0.032463	0.023134	-0.593558	-9.576E-07	1.565E-06
1642	1.2D+1L+1E	Combination	Max	6.386999	2.698621	0.531367	0.000473	0.001142

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1642	1.2D+1L+1E	Combination	Min	-6.328355	-2.657687	-1.648799	-0.000474	-0.001138
1642	0.9D+1E	Combination	Max	6.375743	2.690169	0.714599	0.000473	0.001141
1642	0.9D+1E	Combination	Min	-6.339611	-2.666139	-1.465568	-0.000473	-0.001139
1642	1.2D+1L+1Ey	Combination	Max	1.678961	3.887877	1.204430	0.000679	0.000297
1642	1.2D+1L+1Ey	Combination	Min	-1.620317	-3.846944	-2.321862	-0.000680	-0.000294
1642	0.9D+1Ey	Combination	Max	1.667705	3.879426	1.387661	0.000679	0.000296
1642	0.9D+1Ey	Combination	Min	-1.631573	-3.855395	-2.138631	-0.000679	-0.000294
1642	1D+0.5L	Combination		0.022690	0.015573	-0.446240	-3.529E-07	1.348E-06
1643	1.4D	Combination		0.063803	-0.036638	-0.588670	1.926E-06	0.000019
1643	1.2D+1.6L	Combination		0.070120	-0.032918	-0.594357	1.820E-06	0.000020
1643	1.2D+1L+1E	Combination	Max	6.065893	2.666492	0.979255	0.000502	0.001123
1643	1.2D+1L+1E	Combination	Min	-5.937228	-2.731192	-2.100632	-0.000498	-0.001085
1643	0.9D+1E	Combination	Max	6.042576	2.675289	1.161512	0.000501	0.001116
1643	0.9D+1E	Combination	Min	-5.960545	-2.722395	-1.918374	-0.000499	-0.001092
1643	1.2D+1L+1Ey	Combination	Max	1.618860	3.819413	0.703827	0.000708	0.000307
1643	1.2D+1L+1Ey	Combination	Min	-1.490194	-3.884113	-1.825204	-0.000705	-0.000269
1643	0.9D+1Ey	Combination	Max	1.595543	3.828210	0.886085	0.000708	0.000300
1643	0.9D+1Ey	Combination	Min	-1.513511	-3.875316	-1.642947	-0.000705	-0.000276
1643	1D+0.5L	Combination		0.050396	-0.026643	-0.448536	1.428E-06	0.000015
1644	1.4D	Combination		0.071774	-0.044928	-0.642166	0.000020	0.000025
1644	1.2D+1.6L	Combination		0.087484	-0.053795	-0.659455	0.000028	0.000028
1644	1.2D+1L+1E	Combination	Max	5.444681	1.671926	2.207999	0.000340	0.001029
1644	1.2D+1L+1E	Combination	Min	-5.289186	-1.768051	-3.445139	-0.000292	-0.000977
1644	0.9D+1E	Combination	Max	5.413074	1.691106	2.413748	0.000329	0.001019
1644	0.9D+1E	Combination	Min	-5.320793	-1.748871	-3.239390	-0.000303	-0.000987
1644	1.2D+1L+1Ey	Combination	Max	1.465489	3.642972	0.556254	0.000676	0.000285
1644	1.2D+1L+1Ey	Combination	Min	-1.309995	-3.739098	-1.793393	-0.000628	-0.000234
1644	0.9D+1Ey	Combination	Max	1.433882	3.662153	0.762002	0.000665	0.000275
1644	0.9D+1Ey	Combination	Min	-1.341602	-3.719917	-1.587645	-0.000639	-0.000244
1644	1D+0.5L	Combination		0.059380	-0.036868	-0.492761	0.000018	0.000020
1645	1.4D	Combination		0.006936	-0.002844	-0.605685	9.067E-06	-5.846E-06
1645	1.2D+1.6L	Combination		0.021412	-0.012132	-0.611697	0.000012	-3.713E-06
1645	1.2D+1L+1E	Combination	Max	5.306326	1.943868	0.498989	0.000377	0.000961
1645	1.2D+1L+1E	Combination	Min	-5.275103	-1.960862	-1.652980	-0.000356	-0.000970
1645	0.9D+1E	Combination	Max	5.295174	1.950537	0.686616	0.000372	0.000962
1645	0.9D+1E	Combination	Min	-5.286255	-1.954193	-1.465353	-0.000361	-0.000969
1645	1.2D+1L+1Ey	Combination	Max	1.384936	3.660253	0.462282	0.000701	0.000247
1645	1.2D+1L+1Ey	Combination	Min	-1.353713	-3.677246	-1.616273	-0.000681	-0.000256
1645	0.9D+1Ey	Combination	Max	1.373784	3.666921	0.649909	0.000697	0.000248
1645	0.9D+1Ey	Combination	Min	-1.364866	-3.670578	-1.428646	-0.000685	-0.000255
1645	1D+0.5L	Combination		0.009788	-0.005061	-0.461550	7.675E-06	-3.770E-06
1646	1.4D	Combination		0.048600	-0.068732	-0.651029	0.000015	-0.000047
1646	1.2D+1.6L	Combination		0.065356	-0.079344	-0.670389	0.000019	-0.000062
1646	1.2D+1L+1E	Combination	Max	5.423442	1.906812	0.771551	0.000381	0.000692
1646	1.2D+1L+1E	Combination	Min	-5.310505	-2.050176	-2.028056	-0.000347	-0.000800
1646	0.9D+1E	Combination	Max	5.398216	1.934309	0.981285	0.000374	0.000716
1646	0.9D+1E	Combination	Min	-5.335731	-2.022679	-1.818322	-0.000354	-0.000776

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1646	1.2D+1L+1Ey	Combination	Max	1.453563	3.639308	1.424892	0.000703	0.000146
1646	1.2D+1L+1Ey	Combination	Min	-1.340625	-3.782672	-2.681398	-0.000670	-0.000254
1646	0.9D+1Ey	Combination	Max	1.428337	3.666806	1.634626	0.000696	0.000170
1646	0.9D+1Ey	Combination	Min	-1.365852	-3.755175	-2.471664	-0.000677	-0.000230
1646	1D+0.5L	Combination		0.042120	-0.055479	-0.500135	0.000013	-0.000040
1647	1.4D	Combination		0.057724	-0.020155	-0.576453	-0.000031	0.000013
1647	1.2D+1.6L	Combination		0.072974	-0.024799	-0.589456	-0.000042	0.000017
1647	1.2D+1L+1E	Combination	Max	5.482418	1.277268	1.075136	0.000172	0.001004
1647	1.2D+1L+1E	Combination	Min	-5.354093	-1.321224	-2.182532	-0.000245	-0.000974
1647	0.9D+1E	Combination	Max	5.455364	1.286289	1.258257	0.000189	0.000997
1647	0.9D+1E	Combination	Min	-5.381147	-1.312203	-1.999410	-0.000229	-0.000980
1647	1.2D+1L+1Ey	Combination	Max	1.465329	3.666620	0.924612	0.000556	0.000271
1647	1.2D+1L+1Ey	Combination	Min	-1.337003	-3.710575	-2.032008	-0.000628	-0.000241
1647	0.9D+1Ey	Combination	Max	1.438274	3.675641	1.107734	0.000572	0.000265
1647	0.9D+1Ey	Combination	Min	-1.364058	-3.701554	-1.848887	-0.000612	-0.000248
1647	1D+0.5L	Combination		0.048574	-0.016747	-0.441550	-0.000027	0.000011
1648	1.4D	Combination		0.027542	0.002402	-0.553967	5.052E-06	7.845E-06
1648	1.2D+1.6L	Combination		0.042272	-0.002654	-0.560109	6.372E-06	0.000011
1648	1.2D+1L+1E	Combination	Max	5.434633	1.324481	0.237772	0.000248	0.001019
1648	1.2D+1L+1E	Combination	Min	-5.364088	-1.326254	-1.294030	-0.000237	-0.001000
1648	0.9D+1E	Combination	Max	5.417066	1.326911	0.409779	0.000246	0.001014
1648	0.9D+1E	Combination	Min	-5.381655	-1.323823	-1.122022	-0.000240	-0.001004
1648	1.2D+1L+1Ey	Combination	Max	1.431363	3.698863	0.944538	0.000684	0.000270
1648	1.2D+1L+1Ey	Combination	Min	-1.360818	-3.700636	-2.000795	-0.000672	-0.000252
1648	0.9D+1Ey	Combination	Max	1.413796	3.701293	1.116545	0.000681	0.000266
1648	0.9D+1Ey	Combination	Min	-1.378385	-3.698205	-1.828788	-0.000675	-0.000256
1648	1D+0.5L	Combination		0.025505	0.000243	-0.422341	4.247E-06	6.883E-06
1649	1.4D	Combination		0.041385	-0.056880	-0.572839	5.270E-06	9.728E-06
1649	1.2D+1.6L	Combination		0.057933	-0.062944	-0.584495	6.537E-06	0.000013
1649	1.2D+1L+1E	Combination	Max	5.430948	1.268324	0.222657	0.000248	0.001009
1649	1.2D+1L+1E	Combination	Min	-5.331926	-1.383569	-1.321530	-0.000236	-0.000987
1649	0.9D+1E	Combination	Max	5.408042	1.289381	0.403840	0.000245	0.001004
1649	0.9D+1E	Combination	Min	-5.354832	-1.362512	-1.140347	-0.000239	-0.000991
1649	1.2D+1L+1Ey	Combination	Max	1.450877	3.641474	0.922653	0.000682	0.000271
1649	1.2D+1L+1Ey	Combination	Min	-1.351855	-3.756719	-2.021526	-0.000670	-0.000248
1649	0.9D+1Ey	Combination	Max	1.427971	3.662531	1.103836	0.000679	0.000266
1649	0.9D+1Ey	Combination	Min	-1.374761	-3.735662	-1.840343	-0.000673	-0.000253
1649	1D+0.5L	Combination		0.036580	-0.045063	-0.438386	4.396E-06	8.390E-06
1650	1.4D	Combination		0.068848	-0.025489	-0.596906	5.963E-06	0.000013
1650	1.2D+1.6L	Combination		0.086138	-0.030122	-0.616186	7.468E-06	0.000017
1650	1.2D+1L+1E	Combination	Max	5.473486	1.272177	1.035193	0.000244	0.000997
1650	1.2D+1L+1E	Combination	Min	-5.321554	-1.326216	-2.189151	-0.000231	-0.000967
1650	0.9D+1E	Combination	Max	5.441779	1.282811	1.228446	0.000241	0.000991
1650	0.9D+1E	Combination	Min	-5.353261	-1.315583	-1.995898	-0.000233	-0.000974
1650	1.2D+1L+1Ey	Combination	Max	1.480912	3.661179	0.901222	0.000672	0.000271
1650	1.2D+1L+1Ey	Combination	Min	-1.328980	-3.715217	-2.055180	-0.000659	-0.000241

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1650	0.9D+1Ey	Combination	Max	1.449205	3.671812	1.094476	0.000670	0.000264
1650	0.9D+1Ey	Combination	Min	-1.360686	-3.704584	-1.861927	-0.000662	-0.000247
1650	1D+0.5L	Combination		0.057654	-0.020792	-0.459034	4.996E-06	0.000011
1651	1.4D	Combination		0.036826	0.011423	-0.488922	0.000015	-3.433E-06
1651	1.2D+1.6L	Combination		0.052796	0.014906	-0.457088	0.000021	-3.598E-07
1651	1.2D+1L+1E	Combination	Max	5.399196	2.112423	2.338001	0.000398	0.001000
1651	1.2D+1L+1E	Combination	Min	-5.309528	-2.086446	-3.223669	-0.000361	-0.001002
1651	0.9D+1E	Combination	Max	5.378035	2.106778	2.466528	0.000389	0.000999
1651	0.9D+1E	Combination	Min	-5.330688	-2.092091	-3.095142	-0.000370	-0.001003
1651	1.2D+1L+1Ey	Combination	Max	1.429966	3.642909	0.637133	0.000658	0.000257
1651	1.2D+1L+1Ey	Combination	Min	-1.340298	-3.616933	-1.522800	-0.000622	-0.000260
1651	0.9D+1Ey	Combination	Max	1.408806	3.637264	0.765659	0.000650	0.000256
1651	0.9D+1Ey	Combination	Min	-1.361459	-3.622578	-1.394273	-0.000630	-0.000261
1651	1D+0.5L	Combination		0.032939	0.009758	-0.361109	0.000013	-1.645E-06
1652	1.4D	Combination		0.089978	0.034626	-0.523763	-2.056E-06	0.000021
1652	1.2D+1.6L	Combination		0.103147	0.039124	-0.502168	-3.624E-06	0.000023
1652	1.2D+1L+1E	Combination	Max	5.370755	2.364829	0.665016	0.000436	0.000987
1652	1.2D+1L+1E	Combination	Min	-5.183978	-2.293665	-1.629431	-0.000442	-0.000944
1652	0.9D+1E	Combination	Max	5.335210	2.351507	0.810519	0.000438	0.000980
1652	0.9D+1E	Combination	Min	-5.219523	-2.306987	-1.483929	-0.000441	-0.000952
1652	1.2D+1L+1Ey	Combination	Max	1.464084	3.584579	0.482615	0.000676	0.000274
1652	1.2D+1L+1Ey	Combination	Min	-1.277307	-3.513415	-1.447029	-0.000682	-0.000231
1652	0.9D+1Ey	Combination	Max	1.428538	3.571257	0.628117	0.000678	0.000266
1652	0.9D+1Ey	Combination	Min	-1.312852	-3.526737	-1.301527	-0.000680	-0.000239
1652	1D+0.5L	Combination		0.072402	0.027684	-0.390750	-2.050E-06	0.000017
1653	1.4D	Combination		0.039853	-0.027883	-0.518751	-2.774E-07	6.781E-07
1653	1.2D+1.6L	Combination		0.057882	-0.020605	-0.492359	-1.507E-06	1.011E-06
1653	1.2D+1L+1E	Combination	Max	5.430520	2.349564	1.174703	0.000442	0.000914
1653	1.2D+1L+1E	Combination	Min	-5.332547	-2.393245	-2.123633	-0.000444	-0.000912
1653	0.9D+1E	Combination	Max	5.407153	2.353479	1.315685	0.000442	0.000913
1653	0.9D+1E	Combination	Min	-5.355914	-2.389330	-1.982651	-0.000443	-0.000912
1653	1.2D+1L+1Ey	Combination	Max	1.449976	3.585381	1.602541	0.000682	0.000245
1653	1.2D+1L+1Ey	Combination	Min	-1.352004	-3.629062	-2.551472	-0.000684	-0.000244
1653	0.9D+1Ey	Combination	Max	1.426610	3.589296	1.743524	0.000683	0.000245
1653	0.9D+1Ey	Combination	Min	-1.375370	-3.625147	-2.410489	-0.000683	-0.000244
1653	1D+0.5L	Combination		0.035880	-0.018887	-0.385447	-5.947E-07	6.188E-07
1654	1.4D	Combination		0.029761	-0.011274	-0.630345	8.018E-06	0.000021
1654	1.2D+1.6L	Combination		0.037306	-0.034115	-0.595931	0.000011	0.000028
1654	1.2D+1L+1E	Combination	Max	10.476867	3.923606	0.792422	0.000535	0.001428
1654	1.2D+1L+1E	Combination	Min	-10.411102	-3.973498	-1.942557	-0.000516	-0.001380
1654	0.9D+1E	Combination	Max	10.463117	3.941304	0.962268	0.000531	0.001417
1654	0.9D+1E	Combination	Min	-10.424852	-3.955800	-1.772712	-0.000520	-0.001391
1654	1.2D+1L+1Ey	Combination	Max	2.739798	5.986737	1.664271	0.000812	0.000388
1654	1.2D+1L+1Ey	Combination	Min	-2.674034	-6.036629	-2.814407	-0.000793	-0.000339
1654	0.9D+1Ey	Combination	Max	2.726048	6.004436	1.834117	0.000808	0.000377
1654	0.9D+1Ey	Combination	Min	-2.687784	-6.018931	-2.644561	-0.000798	-0.000350
1654	1D+0.5L	Combination		0.024944	-0.015694	-0.467632	6.957E-06	0.000018
1655	1.4D	Combination		0.002530	-0.064746	-0.658258	8.245E-06	0.000016

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1655	1.2D+1.6L	Combination		0.013618	-0.085320	-0.636975	0.000012	0.000018
1655	1.2D+1L+1E	Combination	Max	9.914416	3.897153	1.268457	0.000554	0.001386
1655	1.2D+1L+1E	Combination	Min	-9.895767	-4.045425	-2.487841	-0.000534	-0.001354
1655	0.9D+1E	Combination	Max	9.906718	3.929667	1.454983	0.000549	0.001380
1655	0.9D+1E	Combination	Min	-9.903465	-4.012912	-2.301314	-0.000539	-0.001359
1655	1.2D+1L+1Ey	Combination	Max	2.567914	5.911292	0.769039	0.000836	0.000370
1655	1.2D+1L+1Ey	Combination	Min	-2.549265	-6.059564	-1.988423	-0.000816	-0.000337
1655	0.9D+1Ey	Combination	Max	2.560216	5.943806	0.955565	0.000831	0.000364
1655	0.9D+1Ey	Combination	Min	-2.556963	-6.027051	-1.801896	-0.000820	-0.000343
1655	1D+0.5L	Combination		0.005385	-0.055567	-0.492920	7.355E-06	0.000013
1656	1.4D	Combination		0.055504	-0.025666	-0.686318	-0.000013	-1.959E-06
1656	1.2D+1.6L	Combination		0.065241	-0.045201	-0.672029	-0.000018	1.237E-07
1656	1.2D+1L+1E	Combination	Max	10.012352	3.381946	2.817794	0.000443	0.001322
1656	1.2D+1L+1E	Combination	Min	-9.895119	-3.454947	-4.099035	-0.000475	-0.001323
1656	0.9D+1E	Combination	Max	9.989417	3.401947	3.017210	0.000451	0.001321
1656	0.9D+1E	Combination	Min	-9.918054	-3.434946	-3.899619	-0.000467	-0.001324
1656	1.2D+1L+1Ey	Combination	Max	2.630051	5.987790	0.871288	0.000830	0.000342
1656	1.2D+1L+1Ey	Combination	Min	-2.512818	-6.060791	-2.152529	-0.000861	-0.000344
1656	0.9D+1Ey	Combination	Max	2.607116	6.007791	1.070704	0.000837	0.000342
1656	0.9D+1Ey	Combination	Min	-2.535753	-6.040790	-1.953113	-0.000854	-0.000344
1656	1D+0.5L	Combination		0.045167	-0.025583	-0.516401	-0.000011	-8.358E-07
1657	1.4D	Combination		0.020420	0.000324	-0.778488	7.157E-06	7.183E-06
1657	1.2D+1.6L	Combination		0.027755	-0.009302	-0.784153	8.780E-06	8.227E-06
1657	1.2D+1L+1E	Combination	Max	10.475727	2.178279	0.244150	0.000304	0.001435
1657	1.2D+1L+1E	Combination	Min	-10.427906	-2.189698	-1.724798	-0.000289	-0.001420
1657	0.9D+1E	Combination	Max	10.464944	2.184197	0.484017	0.000301	0.001432
1657	0.9D+1E	Combination	Min	-10.438690	-2.183780	-1.484931	-0.000292	-0.001423
1657	1.2D+1L+1Ey	Combination	Max	2.733640	6.081375	1.039524	0.000832	0.000377
1657	1.2D+1L+1Ey	Combination	Min	-2.685819	-6.092794	-2.520171	-0.000816	-0.000362
1657	0.9D+1Ey	Combination	Max	2.722857	6.087293	1.279390	0.000828	0.000374
1657	0.9D+1Ey	Combination	Min	-2.696603	-6.086876	-2.280304	-0.000819	-0.000365
1657	1D+0.5L	Combination		0.017789	-0.002762	-0.592587	5.939E-06	5.777E-06
1658	1.4D	Combination		0.049812	-0.024179	-0.793227	-0.000021	5.684E-06
1658	1.2D+1.6L	Combination		0.057438	-0.032616	-0.801950	-0.000029	7.155E-06
1658	1.2D+1L+1E	Combination	Max	10.520527	2.117564	1.553472	0.000228	0.001416
1658	1.2D+1L+1E	Combination	Min	-10.416708	-2.173878	-3.065841	-0.000277	-0.001404
1658	0.9D+1E	Combination	Max	10.500640	2.130178	1.799725	0.000239	0.001414
1658	0.9D+1E	Combination	Min	-10.436595	-2.161265	-2.819588	-0.000266	-0.001406
1658	1.2D+1L+1Ey	Combination	Max	2.764282	6.064788	1.063363	0.000676	0.000371
1658	1.2D+1L+1Ey	Combination	Min	-2.660462	-6.121102	-2.575732	-0.000726	-0.000359
1658	0.9D+1Ey	Combination	Max	2.744394	6.077402	1.309616	0.000687	0.000369
1658	0.9D+1Ey	Combination	Min	-2.680350	-6.108489	-2.329479	-0.000714	-0.000361
1658	1D+0.5L	Combination		0.040187	-0.020987	-0.604728	-0.000018	4.773E-06
1659	1.4D	Combination		0.022285	-0.057521	-0.801509	5.083E-06	8.153E-06
1659	1.2D+1.6L	Combination		0.032545	-0.067854	-0.813670	6.220E-06	9.886E-06
1659	1.2D+1L+1E	Combination	Max	10.051103	2.127963	0.325006	0.000304	0.001370
1659	1.2D+1L+1E	Combination	Min	-9.996096	-2.249758	-1.857349	-0.000293	-0.001352
1659	0.9D+1E	Combination	Max	10.037926	2.151883	0.575921	0.000301	0.001366

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1659	0.9D+1E	Combination	Min	-10.009273	-2.225838	-1.606433	-0.000295	-0.001356
1659	1.2D+1L+1Ey	Combination	Max	2.614883	6.026239	0.967571	0.000833	0.000360
1659	1.2D+1L+1Ey	Combination	Min	-2.559875	-6.148034	-2.499914	-0.000822	-0.000342
1659	0.9D+1Ey	Combination	Max	2.601705	6.050159	1.218486	0.000831	0.000356
1659	0.9D+1Ey	Combination	Min	-2.573053	-6.124114	-2.248998	-0.000824	-0.000346
1659	1D+0.5L	Combination		0.020119	-0.046883	-0.612088	4.213E-06	6.729E-06
1660	1.4D	Combination		0.050938	-0.030061	-0.818961	0.000023	8.001E-06
1660	1.2D+1.6L	Combination		0.061712	-0.038550	-0.835219	0.000032	0.000010
1660	1.2D+1L+1E	Combination	Max	10.088822	2.112215	1.253716	0.000284	0.001336
1660	1.2D+1L+1E	Combination	Min	-9.978935	-2.179728	-2.824215	-0.000229	-0.001318
1660	0.9D+1E	Combination	Max	10.066624	2.126647	1.512490	0.000271	0.001332
1660	0.9D+1E	Combination	Min	-10.001133	-2.165296	-2.565440	-0.000242	-0.001321
1660	1.2D+1L+1Ey	Combination	Max	2.645769	6.059238	0.971107	0.000755	0.000352
1660	1.2D+1L+1Ey	Combination	Min	-2.535882	-6.126750	-2.541606	-0.000700	-0.000334
1660	0.9D+1Ey	Combination	Max	2.623571	6.073669	1.229882	0.000742	0.000348
1660	0.9D+1Ey	Combination	Min	-2.558080	-6.112319	-2.282832	-0.000713	-0.000338
1660	1D+0.5L	Combination		0.042025	-0.025467	-0.626614	0.000020	6.751E-06
1661	1.4D	Combination		0.044929	0.014533	-0.765133	3.149E-06	2.711E-06
1661	1.2D+1.6L	Combination		0.052585	0.021481	-0.777174	2.188E-06	2.604E-06
1661	1.2D+1L+1E	Combination	Max	10.494305	4.389729	0.584578	0.000562	0.001367
1661	1.2D+1L+1E	Combination	Min	-10.399691	-4.353535	-2.047917	-0.000557	-0.001362
1661	0.9D+1E	Combination	Max	10.475881	4.380974	0.824376	0.000562	0.001367
1661	0.9D+1E	Combination	Min	-10.418115	-4.362290	-1.808118	-0.000558	-0.001363
1661	1.2D+1L+1Ey	Combination	Max	2.755372	6.357293	1.393991	0.000820	0.000356
1661	1.2D+1L+1Ey	Combination	Min	-2.660758	-6.321100	-2.857330	-0.000815	-0.000351
1661	0.9D+1Ey	Combination	Max	2.736948	6.348539	1.633790	0.000819	0.000355
1661	0.9D+1Ey	Combination	Min	-2.679182	-6.329854	-2.617532	-0.000815	-0.000351
1661	1D+0.5L	Combination		0.036490	0.013200	-0.584444	2.090E-06	2.024E-06
1662	1.4D	Combination		0.082055	-0.038881	-0.772726	3.865E-06	-2.734E-06
1662	1.2D+1.6L	Combination		0.092773	-0.032636	-0.780598	3.653E-06	-1.206E-06
1662	1.2D+1L+1E	Combination	Max	10.000114	4.358240	1.121341	0.000592	0.001364
1662	1.2D+1L+1E	Combination	Min	-9.831398	-4.424029	-2.593841	-0.000585	-0.001368
1662	0.9D+1E	Combination	Max	9.968506	4.366140	1.360838	0.000591	0.001364
1662	0.9D+1E	Combination	Min	-9.863006	-4.416129	-2.354343	-0.000586	-0.001368
1662	1.2D+1L+1Ey	Combination	Max	2.647578	6.297514	0.838700	0.000856	0.000351
1662	1.2D+1L+1Ey	Combination	Min	-2.478862	-6.363304	-2.311200	-0.000849	-0.000354
1662	0.9D+1Ey	Combination	Max	2.615970	6.305414	1.078197	0.000855	0.000350
1662	0.9D+1Ey	Combination	Min	-2.510470	-6.355404	-2.071702	-0.000850	-0.000354
1662	1D+0.5L	Combination		0.065623	-0.027556	-0.588904	2.867E-06	-1.598E-06
1663	1.4D	Combination		0.104497	-0.069664	-0.841934	0.000022	2.482E-06
1663	1.2D+1.6L	Combination		0.130731	-0.085766	-0.864411	0.000031	6.146E-06
1663	1.2D+1L+1E	Combination	Max	8.928996	2.763871	2.640095	0.000413	0.001173
1663	1.2D+1L+1E	Combination	Min	-8.698406	-2.915863	-4.261852	-0.000361	-0.001164
1663	0.9D+1E	Combination	Max	8.880878	2.795083	2.909730	0.000401	0.001170
1663	0.9D+1E	Combination	Min	-8.746525	-2.884651	-3.992216	-0.000373	-0.001167
1663	1.2D+1L+1Ey	Combination	Max	2.393408	6.028550	0.669174	0.000826	0.000308

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1663	1.2D+1L+1Ey	Combination	Min	-2.162817	-6.180542	-2.290931	-0.000773	-0.000299
1663	0.9D+1Ey	Combination	Max	2.345289	6.059762	0.938809	0.000814	0.000305
1663	0.9D+1Ey	Combination	Min	-2.210936	-6.149330	-2.021296	-0.000785	-0.000302
1663	1D+0.5L	Combination		0.087504	-0.057902	-0.645992	0.000019	3.028E-06
1664	1.4D	Combination		0.040712	-0.033322	-0.796007	0.000010	0.000021
1664	1.2D+1.6L	Combination		0.065699	-0.051039	-0.804330	0.000013	0.000024
1664	1.2D+1L+1E	Combination	Max	8.804449	3.192394	0.539012	0.000455	0.001229
1664	1.2D+1L+1E	Combination	Min	-8.696153	-3.277614	-2.056144	-0.000432	-0.001185
1664	0.9D+1E	Combination	Max	8.776473	3.213583	0.785859	0.000450	0.001220
1664	0.9D+1E	Combination	Min	-8.724129	-3.256425	-1.809297	-0.000437	-0.001193
1664	1.2D+1L+1Ey	Combination	Max	2.316528	6.050416	0.534807	0.000853	0.000334
1664	1.2D+1L+1Ey	Combination	Min	-2.208232	-6.135636	-2.051939	-0.000830	-0.000290
1664	0.9D+1Ey	Combination	Max	2.288553	6.071604	0.781654	0.000848	0.000325
1664	0.9D+1Ey	Combination	Min	-2.236208	-6.114447	-1.805092	-0.000835	-0.000298
1664	1D+0.5L	Combination		0.038706	-0.030825	-0.606714	8.584E-06	0.000017
1665	1.4D	Combination		0.086445	-0.097049	-0.850593	0.000014	-0.000044
1665	1.2D+1.6L	Combination		0.115086	-0.116061	-0.875513	0.000019	-0.000059
1665	1.2D+1L+1E	Combination	Max	8.918789	3.153195	0.928489	0.000455	0.000848
1665	1.2D+1L+1E	Combination	Min	-8.719360	-3.360659	-2.569691	-0.000422	-0.000949
1665	0.9D+1E	Combination	Max	8.874646	3.194539	1.202280	0.000448	0.000870
1665	0.9D+1E	Combination	Min	-8.763502	-3.319316	-2.295900	-0.000429	-0.000927
1665	1.2D+1L+1Ey	Combination	Max	2.394135	6.023411	1.709956	0.000848	0.000191
1665	1.2D+1L+1Ey	Combination	Min	-2.194706	-6.230876	-3.351157	-0.000815	-0.000292
1665	0.9D+1Ey	Combination	Max	2.349992	6.064755	1.983747	0.000841	0.000213
1665	0.9D+1Ey	Combination	Min	-2.238848	-6.189532	-3.077367	-0.000822	-0.000270
1665	1D+0.5L	Combination		0.074556	-0.079594	-0.653327	0.000012	-0.000038
1666	1.4D	Combination		0.090765	-0.033835	-0.755312	-0.000030	0.000012
1666	1.2D+1.6L	Combination		0.116507	-0.042094	-0.772180	-0.000041	0.000016
1666	1.2D+1L+1E	Combination	Max	8.981981	2.107039	1.232192	0.000219	0.001194
1666	1.2D+1L+1E	Combination	Min	-8.777998	-2.181407	-2.682974	-0.000289	-0.001166
1666	0.9D+1E	Combination	Max	8.938339	2.122472	1.472026	0.000235	0.001188
1666	0.9D+1E	Combination	Min	-8.821641	-2.165974	-2.443140	-0.000273	-0.001172
1666	1.2D+1L+1Ey	Combination	Max	2.397199	6.050755	1.120787	0.000686	0.000320
1666	1.2D+1L+1Ey	Combination	Min	-2.193216	-6.125123	-2.571570	-0.000756	-0.000291
1666	0.9D+1Ey	Combination	Max	2.353557	6.066188	1.360621	0.000701	0.000313
1666	0.9D+1Ey	Combination	Min	-2.236859	-6.109690	-2.331736	-0.000740	-0.000298
1666	1D+0.5L	Combination		0.076929	-0.028259	-0.578499	-0.000026	0.000011
1667	1.4D	Combination		0.061978	-0.014007	-0.727750	5.745E-06	0.000013
1667	1.2D+1.6L	Combination		0.087209	-0.023306	-0.736173	7.448E-06	0.000017
1667	1.2D+1L+1E	Combination	Max	8.939932	2.165575	0.242821	0.000302	0.001225
1667	1.2D+1L+1E	Combination	Min	-8.791078	-2.203713	-1.630876	-0.000289	-0.001195
1667	0.9D+1E	Combination	Max	8.905348	2.175639	0.469009	0.000299	0.001219
1667	0.9D+1E	Combination	Min	-8.825662	-2.193649	-1.404688	-0.000292	-0.001202
1667	1.2D+1L+1Ey	Combination	Max	2.365542	6.078194	1.135248	0.000831	0.000328
1667	1.2D+1L+1Ey	Combination	Min	-2.216687	-6.116331	-2.523303	-0.000818	-0.000297
1667	0.9D+1Ey	Combination	Max	2.330957	6.088258	1.361436	0.000828	0.000321
1667	0.9D+1Ey	Combination	Min	-2.251271	-6.106267	-2.297115	-0.000821	-0.000304

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1667	1D+0.5L	Combination		0.054922	-0.013536	-0.554942	4.892E-06	0.000011
1668	1.4D	Combination		0.079700	-0.071551	-0.751971	4.879E-06	0.000015
1668	1.2D+1.6L	Combination		0.108133	-0.081883	-0.767669	6.514E-06	0.000019
1668	1.2D+1L+1E	Combination	Max	8.927408	2.111070	0.225554	0.000300	0.001211
1668	1.2D+1L+1E	Combination	Min	-8.741005	-2.259420	-1.668551	-0.000289	-0.001178
1668	0.9D+1E	Combination	Max	8.885442	2.139248	0.463643	0.000298	0.001204
1668	0.9D+1E	Combination	Min	-8.782970	-2.231242	-1.430462	-0.000291	-0.001185
1668	1.2D+1L+1Ey	Combination	Max	2.391843	6.023110	1.108735	0.000828	0.000327
1668	1.2D+1L+1Ey	Combination	Min	-2.205441	-6.171461	-2.551731	-0.000816	-0.000294
1668	0.9D+1Ey	Combination	Max	2.349878	6.051289	1.346823	0.000825	0.000320
1668	0.9D+1Ey	Combination	Min	-2.247406	-6.143282	-2.313642	-0.000819	-0.000301
1668	1D+0.5L	Combination		0.069372	-0.057531	-0.575598	4.214E-06	0.000012
1669	1.4D	Combination		0.106006	-0.039030	-0.781413	7.492E-06	0.000014
1669	1.2D+1.6L	Combination		0.135164	-0.047294	-0.806536	9.383E-06	0.000018
1669	1.2D+1L+1E	Combination	Max	8.964302	2.102525	1.177498	0.000297	0.001188
1669	1.2D+1L+1E	Combination	Min	-8.727199	-2.186733	-2.688005	-0.000280	-0.001156
1669	0.9D+1E	Combination	Max	8.913898	2.119539	1.430414	0.000293	0.001181
1669	0.9D+1E	Combination	Min	-8.777604	-2.169720	-2.435089	-0.000284	-0.001163
1669	1.2D+1L+1Ey	Combination	Max	2.419540	6.046780	1.090849	0.000819	0.000321
1669	1.2D+1L+1Ey	Combination	Min	-2.182437	-6.130988	-2.601357	-0.000803	-0.000289
1669	0.9D+1Ey	Combination	Max	2.369135	6.063793	1.343766	0.000816	0.000314
1669	0.9D+1Ey	Combination	Min	-2.232841	-6.113974	-2.348440	-0.000806	-0.000296
1669	1D+0.5L	Combination		0.089563	-0.032203	-0.600888	6.277E-06	0.000012
1670	1.4D	Combination		0.072298	0.012049	-0.643369	0.000015	0.000020
1670	1.2D+1.6L	Combination		0.098533	0.017823	-0.601753	0.000022	0.000022
1670	1.2D+1L+1E	Combination	Max	8.876531	3.476079	2.810385	0.000481	0.001185
1670	1.2D+1L+1E	Combination	Min	-8.706888	-3.446054	-3.976171	-0.000444	-0.001144
1670	0.9D+1E	Combination	Max	8.838187	3.468812	2.979683	0.000473	0.001177
1670	0.9D+1E	Combination	Min	-8.745232	-3.453320	-3.806873	-0.000453	-0.001152
1670	1.2D+1L+1Ey	Combination	Max	2.358656	6.032193	0.777964	0.000803	0.000323
1670	1.2D+1L+1Ey	Combination	Min	-2.189012	-6.002168	-1.943750	-0.000766	-0.000282
1670	0.9D+1Ey	Combination	Max	2.320312	6.024926	0.947262	0.000795	0.000315
1670	0.9D+1Ey	Combination	Min	-2.227357	-6.009434	-1.774452	-0.000775	-0.000290
1670	1D+0.5L	Combination		0.063067	0.010949	-0.475266	0.000014	0.000016
1671	1.4D	Combination		0.124575	0.036931	-0.686146	-1.790E-06	2.637E-06
1671	1.2D+1.6L	Combination		0.148067	0.045051	-0.657755	-3.364E-06	6.656E-06
1671	1.2D+1L+1E	Combination	Max	8.859615	3.901675	0.754301	0.000526	0.001215
1671	1.2D+1L+1E	Combination	Min	-8.594448	-3.821620	-2.017589	-0.000531	-0.001205
1671	0.9D+1E	Combination	Max	8.807115	3.885389	0.944851	0.000527	0.001212
1671	0.9D+1E	Combination	Min	-8.646948	-3.837906	-1.827039	-0.000530	-0.001208
1671	1.2D+1L+1Ey	Combination	Max	2.394081	5.963833	0.563591	0.000824	0.000317
1671	1.2D+1L+1Ey	Combination	Min	-2.128914	-5.883778	-1.826878	-0.000829	-0.000307
1671	0.9D+1Ey	Combination	Max	2.341581	5.947547	0.754140	0.000825	0.000314
1671	0.9D+1Ey	Combination	Min	-2.181414	-5.900064	-1.636329	-0.000827	-0.000311
1671	1D+0.5L	Combination		0.101885	0.030565	-0.511864	-1.850E-06	3.257E-06
1672	1.4D	Combination		0.078122	-0.023940	-0.681699	-1.612E-06	2.062E-06
1672	1.2D+1.6L	Combination		0.107941	-0.013173	-0.647785	-2.727E-06	2.703E-06
1672	1.2D+1L+1E	Combination	Max	8.930841	3.881628	1.437764	0.000527	0.001098

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1672	1.2D+1L+1E	Combination	Min	-8.745694	-3.913484	-2.685730	-0.000532	-0.001094
1672	0.9D+1E	Combination	Max	8.888489	3.882166	1.623512	0.000528	0.001097
1672	0.9D+1E	Combination	Min	-8.788046	-3.912945	-2.499983	-0.000531	-0.001095
1672	1.2D+1L+1Ey	Combination	Max	2.391931	5.957185	1.952870	0.000824	0.000296
1672	1.2D+1L+1Ey	Combination	Min	-2.206783	-5.989041	-3.200836	-0.000828	-0.000292
1672	0.9D+1Ey	Combination	Max	2.349578	5.957724	2.138618	0.000825	0.000295
1672	0.9D+1Ey	Combination	Min	-2.249136	-5.988503	-3.015088	-0.000827	-0.000293
1672	1D+0.5L	Combination		0.068607	-0.014804	-0.506763	-1.572E-06	1.766E-06
1673	1.4D	Combination		0.051719	-0.035819	-0.772657	7.964E-06	0.000022
1673	1.2D+1.6L	Combination		0.063576	-0.069534	-0.730786	0.000012	0.000030
1673	1.2D+1L+1E	Combination	Max	15.222727	5.693659	0.881187	0.000607	0.001606
1673	1.2D+1L+1E	Combination	Min	-15.110008	-5.803603	-2.291377	-0.000587	-0.001554
1673	0.9D+1E	Combination	Max	15.199616	5.725605	1.089574	0.000602	0.001595
1673	0.9D+1E	Combination	Min	-15.133120	-5.771658	-2.082990	-0.000592	-0.001566
1673	1.2D+1L+1Ey	Combination	Max	3.983939	8.776977	1.876978	0.000949	0.000435
1673	1.2D+1L+1Ey	Combination	Min	-3.871220	-8.886921	-3.287168	-0.000929	-0.000383
1673	0.9D+1Ey	Combination	Max	3.960828	8.808922	2.085365	0.000944	0.000423
1673	0.9D+1Ey	Combination	Min	-3.894332	-8.854976	-3.078781	-0.000934	-0.000394
1673	1D+0.5L	Combination		0.042957	-0.037720	-0.573307	7.150E-06	0.000019
1674	1.4D	Combination		0.027625	-0.086981	-0.809241	8.493E-06	1.975E-06
1674	1.2D+1.6L	Combination		0.044407	-0.118560	-0.783264	0.000013	4.253E-06
1674	1.2D+1L+1E	Combination	Max	14.475588	5.666367	1.393118	0.000627	0.001526
1674	1.2D+1L+1E	Combination	Min	-14.402321	-5.870483	-2.892425	-0.000605	-0.001519
1674	0.9D+1E	Combination	Max	14.456713	5.712509	1.622545	0.000622	0.001524
1674	0.9D+1E	Combination	Min	-14.421195	-5.824342	-2.662998	-0.000611	-0.001521
1674	1.2D+1L+1Ey	Combination	Max	3.763723	8.711426	0.875414	0.000976	0.000397
1674	1.2D+1L+1Ey	Combination	Min	-3.690455	-8.915542	-2.374721	-0.000954	-0.000390
1674	0.9D+1Ey	Combination	Max	3.744848	8.757567	1.104841	0.000970	0.000394
1674	0.9D+1Ey	Combination	Min	-3.709330	-8.869400	-2.145294	-0.000960	-0.000392
1674	1D+0.5L	Combination		0.026210	-0.075881	-0.606038	7.786E-06	2.211E-06
1675	1.4D	Combination		0.077160	-0.048455	-0.844107	-0.000010	0.000016
1675	1.2D+1.6L	Combination		0.092695	-0.077648	-0.826570	-0.000016	0.000018
1675	1.2D+1L+1E	Combination	Max	14.556009	4.923481	3.142766	0.000506	0.001541
1675	1.2D+1L+1E	Combination	Min	-14.390538	-5.051690	-4.718618	-0.000532	-0.001508
1675	0.9D+1E	Combination	Max	14.522876	4.956436	3.388052	0.000512	0.001535
1675	0.9D+1E	Combination	Min	-14.423671	-5.018735	-4.473332	-0.000526	-0.001515
1675	1.2D+1L+1Ey	Combination	Max	3.819286	8.780339	0.989398	0.000959	0.000410
1675	1.2D+1L+1Ey	Combination	Min	-3.653815	-8.908549	-2.565250	-0.000985	-0.000377
1675	0.9D+1Ey	Combination	Max	3.786154	8.813295	1.234683	0.000965	0.000404
1675	0.9D+1Ey	Combination	Min	-3.686948	-8.875594	-2.319964	-0.000978	-0.000383
1675	1D+0.5L	Combination		0.063413	-0.045897	-0.635137	-9.489E-06	0.000013
1676	1.4D	Combination		0.042910	-0.018917	-0.956221	6.093E-06	6.478E-06
1676	1.2D+1.6L	Combination		0.054560	-0.033837	-0.963344	8.025E-06	7.713E-06
1676	1.2D+1L+1E	Combination	Max	15.221873	3.172282	0.224133	0.000352	0.001610
1676	1.2D+1L+1E	Combination	Min	-15.126089	-3.226739	-2.043027	-0.000338	-0.001597
1676	0.9D+1E	Combination	Max	15.201566	3.187349	0.518866	0.000348	0.001608
1676	0.9D+1E	Combination	Min	-15.146396	-3.211671	-1.748294	-0.000341	-0.001599

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1676	1.2D+1L+1Ey	Combination	Max	3.977870	8.883574	1.160647	0.000965	0.000421
1676	1.2D+1L+1Ey	Combination	Min	-3.882085	-8.938031	-2.979541	-0.000951	-0.000407
1676	0.9D+1Ey	Combination	Max	3.957563	8.898642	1.455380	0.000962	0.000418
1676	0.9D+1Ey	Combination	Min	-3.902393	-8.922963	-2.684808	-0.000954	-0.000410
1676	1D+0.5L	Combination		0.036206	-0.019019	-0.727930	5.228E-06	5.302E-06
1677	1.4D	Combination		0.071132	-0.041178	-0.974181	-0.000016	9.568E-06
1677	1.2D+1.6L	Combination		0.083064	-0.054203	-0.984980	-0.000024	0.000011
1677	1.2D+1L+1E	Combination	Max	15.260468	3.094492	1.671587	0.000269	0.001601
1677	1.2D+1L+1E	Combination	Min	-15.110910	-3.188718	-3.529072	-0.000310	-0.001581
1677	0.9D+1E	Combination	Max	15.231417	3.115133	1.974070	0.000279	0.001597
1677	0.9D+1E	Combination	Min	-15.139961	-3.168076	-3.226589	-0.000300	-0.001585
1677	1.2D+1L+1Ey	Combination	Max	4.006381	8.873130	1.196872	0.000783	0.000421
1677	1.2D+1L+1Ey	Combination	Min	-3.856823	-8.967356	-3.054357	-0.000824	-0.000401
1677	0.9D+1Ey	Combination	Max	3.977330	8.893771	1.499355	0.000793	0.000417
1677	0.9D+1Ey	Combination	Min	-3.885874	-8.946715	-2.751874	-0.000814	-0.000405
1677	1D+0.5L	Combination		0.057713	-0.035322	-0.742709	-0.000015	7.845E-06
1678	1.4D	Combination		0.046858	-0.074374	-0.985235	4.499E-06	8.040E-06
1678	1.2D+1.6L	Combination		0.062861	-0.089993	-1.000405	5.956E-06	0.000010
1678	1.2D+1L+1E	Combination	Max	14.603556	3.123297	0.315641	0.000351	0.001541
1678	1.2D+1L+1E	Combination	Min	-14.494856	-3.283599	-2.199513	-0.000341	-0.001524
1678	0.9D+1E	Combination	Max	14.579329	3.155636	0.624211	0.000349	0.001538
1678	0.9D+1E	Combination	Min	-14.519083	-3.251260	-1.890943	-0.000343	-0.001527
1678	1.2D+1L+1Ey	Combination	Max	3.807967	8.830919	1.076143	0.000967	0.000404
1678	1.2D+1L+1Ey	Combination	Min	-3.699268	-8.991222	-2.960015	-0.000957	-0.000386
1678	0.9D+1Ey	Combination	Max	3.783740	8.863259	1.384713	0.000965	0.000400
1678	0.9D+1Ey	Combination	Min	-3.723495	-8.958882	-2.651444	-0.000959	-0.000390
1678	1D+0.5L	Combination		0.040563	-0.061325	-0.752464	3.869E-06	6.722E-06
1679	1.4D	Combination		0.074395	-0.046870	-1.006402	0.000020	0.000012
1679	1.2D+1.6L	Combination		0.090901	-0.059953	-1.026431	0.000030	0.000014
1679	1.2D+1L+1E	Combination	Max	14.637010	3.089064	1.327460	0.000319	0.001510
1679	1.2D+1L+1E	Combination	Min	-14.475558	-3.194136	-3.257472	-0.000270	-0.001485
1679	0.9D+1E	Combination	Max	14.604109	3.111469	1.645494	0.000307	0.001505
1679	0.9D+1E	Combination	Min	-14.508459	-3.171731	-2.939439	-0.000282	-0.001490
1679	1.2D+1L+1Ey	Combination	Max	3.836874	8.867149	1.077455	0.000859	0.000399
1679	1.2D+1L+1Ey	Combination	Min	-3.675422	-8.972221	-3.007467	-0.000809	-0.000374
1679	0.9D+1Ey	Combination	Max	3.803973	8.889554	1.395488	0.000847	0.000394
1679	0.9D+1Ey	Combination	Min	-3.708323	-8.949816	-2.689434	-0.000822	-0.000379
1679	1D+0.5L	Combination		0.061618	-0.039660	-0.770046	0.000018	9.626E-06
1680	1.4D	Combination		0.066439	0.007855	-0.938481	2.754E-06	4.540E-06
1680	1.2D+1.6L	Combination		0.078348	0.017442	-0.952871	1.773E-06	4.656E-06
1680	1.2D+1L+1E	Combination	Max	15.239550	6.321212	0.595260	0.000630	0.001540
1680	1.2D+1L+1E	Combination	Min	-15.098904	-6.294360	-2.389658	-0.000626	-0.001532
1680	0.9D+1E	Combination	Max	15.211938	6.312836	0.889150	0.000630	0.001539
1680	0.9D+1E	Combination	Min	-15.126516	-6.302737	-2.095768	-0.000626	-0.001533
1680	1.2D+1L+1Ey	Combination	Max	3.998708	9.242968	1.508439	0.000943	0.000402
1680	1.2D+1L+1Ey	Combination	Min	-3.858062	-9.216116	-3.302837	-0.000939	-0.000393

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1680	0.9D+1Ey	Combination	Max	3.971096	9.234592	1.802329	0.000943	0.000400
1680	0.9D+1Ey	Combination	Min	-3.885674	-9.224493	-3.008947	-0.000939	-0.000394
1680	1D+0.5L	Combination		0.054144	0.008957	-0.716737	1.784E-06	3.482E-06
1681	1.4D	Combination		0.103368	-0.043325	-0.949983	3.572E-06	0.000017
1681	1.2D+1.6L	Combination		0.119649	-0.034417	-0.960089	3.367E-06	0.000019
1681	1.2D+1L+1E	Combination	Max	14.556876	6.290058	1.201169	0.000662	0.001534
1681	1.2D+1L+1E	Combination	Min	-14.340864	-6.360931	-3.011983	-0.000655	-0.001500
1681	0.9D+1E	Combination	Max	14.515321	6.297643	1.495873	0.000661	0.001528
1681	0.9D+1E	Combination	Min	-14.382419	-6.353347	-2.717279	-0.000656	-0.001507
1681	1.2D+1L+1Ey	Combination	Max	3.838303	9.191369	0.941103	0.000984	0.000409
1681	1.2D+1L+1Ey	Combination	Min	-3.622291	-9.262242	-2.751918	-0.000977	-0.000374
1681	0.9D+1Ey	Combination	Max	3.796748	9.198953	1.235807	0.000983	0.000402
1681	0.9D+1Ey	Combination	Min	-3.663846	-9.254657	-2.457214	-0.000978	-0.000381
1681	1D+0.5L	Combination		0.083537	-0.030097	-0.724127	2.647E-06	0.000013
1682	1.4D	Combination		0.142707	-0.099437	-1.033144	0.000023	0.000023
1682	1.2D+1.6L	Combination		0.181600	-0.124552	-1.060546	0.000032	0.000028
1682	1.2D+1L+1E	Combination	Max	12.967367	4.049399	2.948289	0.000471	0.001381
1682	1.2D+1L+1E	Combination	Min	-12.648626	-4.269013	-4.938135	-0.000417	-0.001331
1682	0.9D+1E	Combination	Max	12.899737	4.095282	3.279048	0.000459	0.001371
1682	0.9D+1E	Combination	Min	-12.716256	-4.223130	-4.607376	-0.000430	-0.001341
1682	1.2D+1L+1Ey	Combination	Max	3.468571	8.846333	0.744836	0.000945	0.000375
1682	1.2D+1L+1Ey	Combination	Min	-3.149830	-9.065948	-2.734682	-0.000891	-0.000325
1682	0.9D+1Ey	Combination	Max	3.400941	8.892217	1.075595	0.000933	0.000365
1682	0.9D+1Ey	Combination	Min	-3.217460	-9.020065	-2.403923	-0.000904	-0.000335
1682	1D+0.5L	Combination		0.120459	-0.083314	-0.792645	0.000020	0.000019
1683	1.4D	Combination		0.083107	-0.069319	-0.979488	0.000013	4.294E-06
1683	1.2D+1.6L	Combination		0.120836	-0.097514	-0.990179	0.000017	8.001E-06
1683	1.2D+1L+1E	Combination	Max	12.863293	4.660190	0.537746	0.000528	0.001342
1683	1.2D+1L+1E	Combination	Min	-12.658822	-4.826645	-2.405140	-0.000499	-0.001329
1683	0.9D+1E	Combination	Max	12.814484	4.698855	0.841772	0.000521	0.001338
1683	0.9D+1E	Combination	Min	-12.707632	-4.787979	-2.101114	-0.000505	-0.001333
1683	1.2D+1L+1Ey	Combination	Max	3.399343	8.875625	0.580197	0.000995	0.000352
1683	1.2D+1L+1Ey	Combination	Min	-3.194872	-9.042080	-2.447592	-0.000966	-0.000339
1683	0.9D+1Ey	Combination	Max	3.350534	8.914291	0.884224	0.000989	0.000348
1683	0.9D+1Ey	Combination	Min	-3.243681	-9.003415	-2.143565	-0.000972	-0.000342
1683	1D+0.5L	Combination		0.074863	-0.061419	-0.746702	0.000011	4.417E-06
1684	1.4D	Combination		0.131563	-0.130308	-1.041478	0.000017	-0.000043
1684	1.2D+1.6L	Combination		0.174586	-0.159751	-1.071649	0.000023	-0.000057
1684	1.2D+1L+1E	Combination	Max	12.956725	4.619571	1.039146	0.000528	0.000966
1684	1.2D+1L+1E	Combination	Min	-12.653917	-4.903030	-3.048228	-0.000488	-0.001065
1684	0.9D+1E	Combination	Max	12.889897	4.677531	1.374165	0.000519	0.000988
1684	0.9D+1E	Combination	Min	-12.720745	-4.845070	-2.713209	-0.000497	-0.001043
1684	1.2D+1L+1Ey	Combination	Max	3.480646	8.843267	1.919241	0.000989	0.000223
1684	1.2D+1L+1Ey	Combination	Min	-3.177837	-9.126726	-3.928324	-0.000949	-0.000323
1684	0.9D+1Ey	Combination	Max	3.413818	8.901227	2.254261	0.000980	0.000245
1684	0.9D+1Ey	Combination	Min	-3.244665	-9.068766	-3.593304	-0.000957	-0.000301
1684	1D+0.5L	Combination		0.113291	-0.108096	-0.799836	0.000015	-0.000037
1685	1.4D	Combination		0.130794	-0.051227	-0.926793	-0.000030	0.000017

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1685	1.2D+1.6L	Combination		0.169231	-0.064129	-0.947414	-0.000040	0.000022
1685	1.2D+1L+1E	Combination	Max	13.028776	3.084020	1.325350	0.000257	0.001352
1685	1.2D+1L+1E	Combination	Min	-12.733156	-3.197112	-3.105413	-0.000326	-0.001314
1685	0.9D+1E	Combination	Max	12.965048	3.107634	1.619586	0.000273	0.001344
1685	0.9D+1E	Combination	Min	-12.796885	-3.173497	-2.811177	-0.000311	-0.001322
1685	1.2D+1L+1Ey	Combination	Max	3.475697	8.860303	1.264008	0.000792	0.000363
1685	1.2D+1L+1Ey	Combination	Min	-3.180077	-8.973395	-3.044071	-0.000861	-0.000326
1685	0.9D+1Ey	Combination	Max	3.411969	8.883918	1.558244	0.000808	0.000355
1685	0.9D+1Ey	Combination	Min	-3.243806	-8.949780	-2.749836	-0.000846	-0.000334
1685	1D+0.5L	Combination		0.111275	-0.042909	-0.709814	-0.000026	0.000014
1686	1.4D	Combination		0.103131	-0.034384	-0.894910	7.624E-06	0.000013
1686	1.2D+1.6L	Combination		0.141064	-0.049088	-0.905661	9.707E-06	0.000018
1686	1.2D+1L+1E	Combination	Max	12.991251	3.157548	0.223185	0.000353	0.001378
1686	1.2D+1L+1E	Combination	Min	-12.748623	-3.241011	-1.930560	-0.000336	-0.001347
1686	0.9D+1E	Combination	Max	12.936235	3.177176	0.501573	0.000349	0.001371
1686	0.9D+1E	Combination	Min	-12.803638	-3.221383	-1.652172	-0.000339	-0.001354
1686	1.2D+1L+1Ey	Combination	Max	3.445883	8.884838	1.275051	0.000969	0.000367
1686	1.2D+1L+1Ey	Combination	Min	-3.203255	-8.968302	-2.982427	-0.000952	-0.000336
1686	0.9D+1Ey	Combination	Max	3.390867	8.904466	1.553440	0.000965	0.000360
1686	0.9D+1Ey	Combination	Min	-3.258270	-8.948674	-2.704038	-0.000955	-0.000343
1686	1D+0.5L	Combination		0.090123	-0.030690	-0.682532	6.437E-06	0.000012
1687	1.4D	Combination		0.125085	-0.089648	-0.924487	6.907E-06	0.000015
1687	1.2D+1.6L	Combination		0.167896	-0.105395	-0.944228	8.926E-06	0.000020
1687	1.2D+1L+1E	Combination	Max	12.963083	3.105296	0.205756	0.000351	0.001361
1687	1.2D+1L+1E	Combination	Min	-12.672801	-3.294671	-1.980354	-0.000336	-0.001326
1687	0.9D+1E	Combination	Max	12.898354	3.142352	0.498742	0.000348	0.001353
1687	0.9D+1E	Combination	Min	-12.737530	-3.257615	-1.687368	-0.000339	-0.001334
1687	1.2D+1L+1Ey	Combination	Max	3.477901	8.832470	1.244576	0.000965	0.000366
1687	1.2D+1L+1Ey	Combination	Min	-3.187618	-9.021844	-3.019174	-0.000950	-0.000331
1687	0.9D+1Ey	Combination	Max	3.413172	8.869526	1.537562	0.000962	0.000358
1687	0.9D+1Ey	Combination	Min	-3.252348	-8.984788	-2.726188	-0.000953	-0.000339
1687	1D+0.5L	Combination		0.108309	-0.072958	-0.707789	5.873E-06	0.000013
1688	1.4D	Combination		0.150367	-0.056170	-0.958429	8.905E-06	0.000017
1688	1.2D+1.6L	Combination		0.193884	-0.069087	-0.989196	0.000011	0.000023
1688	1.2D+1L+1E	Combination	Max	12.995231	3.080123	1.251653	0.000340	0.001341
1688	1.2D+1L+1E	Combination	Min	-12.656211	-3.202591	-3.104281	-0.000321	-0.001301
1688	0.9D+1E	Combination	Max	12.922386	3.105247	1.561835	0.000336	0.001332
1688	0.9D+1E	Combination	Min	-12.729057	-3.177466	-2.794100	-0.000325	-0.001310
1688	1.2D+1L+1Ey	Combination	Max	3.503554	8.857680	1.228883	0.000940	0.000363
1688	1.2D+1L+1Ey	Combination	Min	-3.164534	-8.980148	-3.081511	-0.000920	-0.000323
1688	0.9D+1Ey	Combination	Max	3.430709	8.882805	1.539064	0.000936	0.000354
1688	0.9D+1Ey	Combination	Min	-3.237379	-8.955023	-2.771330	-0.000925	-0.000332
1688	1D+0.5L	Combination		0.127717	-0.046666	-0.736994	7.471E-06	0.000015
1689	1.4D	Combination		0.114985	0.011171	-0.791844	0.000016	4.993E-06
1689	1.2D+1.6L	Combination		0.153734	0.019386	-0.740956	0.000022	9.286E-06
1689	1.2D+1L+1E	Combination	Max	12.910483	5.069820	3.157108	0.000546	0.001361
1689	1.2D+1L+1E	Combination	Min	-12.644396	-5.038407	-4.592346	-0.000508	-0.001346
1689	0.9D+1E	Combination	Max	12.851359	5.061295	3.365684	0.000537	0.001357

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1689	0.9D+1E	Combination	Min	-12.703520	-5.046933	-4.383770	-0.000517	-0.001351
1689	1.2D+1L+1Ey	Combination	Max	3.436020	8.852111	0.881868	0.000919	0.000357
1689	1.2D+1L+1Ey	Combination	Min	-3.169934	-8.820698	-2.317106	-0.000882	-0.000342
1689	0.9D+1Ey	Combination	Max	3.376896	8.843586	1.090444	0.000910	0.000352
1689	0.9D+1Ey	Combination	Min	-3.229058	-8.829224	-2.108530	-0.000890	-0.000346
1689	1D+0.5L	Combination		0.099375	0.011045	-0.585051	0.000014	5.131E-06
1690	1.4D	Combination		0.163830	0.038237	-0.841961	-1.317E-06	0.000021
1690	1.2D+1.6L	Combination		0.200021	0.050338	-0.806984	-3.174E-06	0.000025
1690	1.2D+1L+1E	Combination	Max	12.906976	5.704786	0.798837	0.000610	0.001360
1690	1.2D+1L+1E	Combination	Min	-12.551630	-5.617282	-2.348827	-0.000615	-0.001316
1690	0.9D+1E	Combination	Max	12.834622	5.685615	1.032571	0.000612	0.001351
1690	0.9D+1E	Combination	Min	-12.623984	-5.636453	-2.115093	-0.000614	-0.001325
1690	1.2D+1L+1Ey	Combination	Max	3.471335	8.785584	0.616042	0.000965	0.000368
1690	1.2D+1L+1Ey	Combination	Min	-3.115990	-8.698080	-2.166033	-0.000970	-0.000324
1690	0.9D+1Ey	Combination	Max	3.398981	8.766414	0.849777	0.000967	0.000359
1690	0.9D+1Ey	Combination	Min	-3.188343	-8.717251	-1.932298	-0.000968	-0.000333
1690	1D+0.5L	Combination		0.135645	0.032801	-0.628058	-1.580E-06	0.000017
1691	1.4D	Combination		0.123765	-0.020176	-0.839185	-9.980E-07	4.195E-06
1691	1.2D+1.6L	Combination		0.167896	-0.005595	-0.798370	-2.406E-06	5.022E-06
1691	1.2D+1L+1E	Combination	Max	12.971595	5.680271	1.641655	0.000613	0.001241
1691	1.2D+1L+1E	Combination	Min	-12.682162	-5.700236	-3.179094	-0.000616	-0.001232
1691	0.9D+1E	Combination	Max	12.906442	5.677283	1.870899	0.000614	0.001239
1691	0.9D+1E	Combination	Min	-12.747315	-5.703224	-2.949851	-0.000615	-0.001233
1691	1.2D+1L+1Ey	Combination	Max	3.479427	8.771319	2.225691	0.000966	0.000336
1691	1.2D+1L+1Ey	Combination	Min	-3.189994	-8.791284	-3.763130	-0.000969	-0.000327
1691	0.9D+1Ey	Combination	Max	3.414274	8.768331	2.454934	0.000967	0.000334
1691	0.9D+1Ey	Combination	Min	-3.255148	-8.794272	-3.533886	-0.000968	-0.000329
1691	1D+0.5L	Combination		0.107720	-0.010756	-0.624127	-1.197E-06	3.442E-06
1692	1.4D	Combination		0.078559	-0.066521	-0.908856	0.000012	0.000024
1692	1.2D+1.6L	Combination		0.095635	-0.113021	-0.859958	0.000016	0.000032
1692	1.2D+1L+1E	Combination	Max	20.449182	7.643358	0.936844	0.000662	0.001743
1692	1.2D+1L+1E	Combination	Min	-20.279136	-7.827398	-2.596055	-0.000635	-0.001687
1692	0.9D+1E	Combination	Max	20.414661	7.692615	1.182185	0.000656	0.001730
1692	0.9D+1E	Combination	Min	-20.313656	-7.778142	-2.350714	-0.000641	-0.001699
1692	1.2D+1L+1Ey	Combination	Max	5.354378	11.931654	2.029857	0.001056	0.000471
1692	1.2D+1L+1Ey	Combination	Min	-5.184332	-12.115694	-3.689068	-0.001029	-0.000415
1692	0.9D+1Ey	Combination	Max	5.319857	11.980910	2.275198	0.001050	0.000458
1692	0.9D+1Ey	Combination	Min	-5.218853	-12.066437	-3.443727	-0.001035	-0.000428
1692	1D+0.5L	Combination		0.064957	-0.065016	-0.674476	0.000010	0.000021
1693	1.4D	Combination		0.056785	-0.115529	-0.954143	0.000012	0.000016
1693	1.2D+1.6L	Combination		0.080393	-0.160015	-0.923726	0.000017	0.000018
1693	1.2D+1L+1E	Combination	Max	19.507167	7.615641	1.471135	0.000682	0.001694
1693	1.2D+1L+1E	Combination	Min	-19.370170	-7.889928	-3.239170	-0.000654	-0.001661
1693	0.9D+1E	Combination	Max	19.475173	7.678516	1.741774	0.000676	0.001687
1693	0.9D+1E	Combination	Min	-19.402164	-7.827053	-2.968530	-0.000661	-0.001667
1693	1.2D+1L+1Ey	Combination	Max	5.083036	11.875040	0.960002	0.001086	0.000448

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1693	1.2D+1L+1Ey	Combination	Min	-4.946040	-12.149327	-2.728037	-0.001058	-0.000415
1693	0.9D+1Ey	Combination	Max	5.051043	11.937915	1.230642	0.001080	0.000442
1693	0.9D+1Ey	Combination	Min	-4.978033	-12.086452	-2.457397	-0.001064	-0.000422
1693	1D+0.5L	Combination		0.050473	-0.101580	-0.714621	0.000010	0.000013
1694	1.4D	Combination		0.105456	-0.077051	-0.995518	-9.249E-06	5.312E-06
1694	1.2D+1.6L	Combination		0.127856	-0.117637	-0.974905	-0.000014	8.045E-06
1694	1.2D+1L+1E	Combination	Max	19.577907	6.627328	3.358708	0.000557	0.001646
1694	1.2D+1L+1E	Combination	Min	-19.350293	-6.823907	-5.217315	-0.000581	-0.001633
1694	0.9D+1E	Combination	Max	19.531893	6.676085	3.648036	0.000563	0.001643
1694	0.9D+1E	Combination	Min	-19.396306	-6.775150	-4.927988	-0.000575	-0.001636
1694	1.2D+1L+1Ey	Combination	Max	5.135657	11.932334	1.073051	0.001070	0.000430
1694	1.2D+1L+1Ey	Combination	Min	-4.908043	-12.128914	-2.931659	-0.001094	-0.000416
1694	0.9D+1Ey	Combination	Max	5.089643	11.981091	1.362379	0.001076	0.000427
1694	0.9D+1Ey	Combination	Min	-4.954056	-12.080157	-2.642331	-0.001088	-0.000420
1694	1D+0.5L	Combination		0.087034	-0.071159	-0.749086	-8.466E-06	4.886E-06
1695	1.4D	Combination		0.070053	-0.041956	-1.126495	8.976E-06	9.364E-06
1695	1.2D+1.6L	Combination		0.086904	-0.063269	-1.135043	0.000011	0.000011
1695	1.2D+1L+1E	Combination	Max	20.448404	4.290553	0.186495	0.000393	0.001752
1695	1.2D+1L+1E	Combination	Min	-20.294740	-4.396610	-2.329474	-0.000373	-0.001733
1695	0.9D+1E	Combination	Max	20.416606	4.316610	0.533808	0.000388	0.001749
1695	0.9D+1E	Combination	Min	-20.326539	-4.370553	-1.982160	-0.000377	-0.001736
1695	1.2D+1L+1Ey	Combination	Max	5.348248	12.039006	1.240965	0.001073	0.000460
1695	1.2D+1L+1Ey	Combination	Min	-5.194584	-12.145064	-3.383944	-0.001053	-0.000440
1695	0.9D+1Ey	Combination	Max	5.316450	12.065064	1.588278	0.001069	0.000456
1695	0.9D+1Ey	Combination	Min	-5.226383	-12.119007	-3.036630	-0.001057	-0.000444
1695	1D+0.5L	Combination		0.058431	-0.038502	-0.857601	7.535E-06	7.591E-06
1696	1.4D	Combination		0.097062	-0.061853	-1.147555	-0.000012	9.647E-06
1696	1.2D+1.6L	Combination		0.114189	-0.080470	-1.160374	-0.000019	0.000012
1696	1.2D+1L+1E	Combination	Max	20.481603	4.192524	1.723368	0.000305	0.001734
1696	1.2D+1L+1E	Combination	Min	-20.276469	-4.332874	-3.911550	-0.000337	-0.001713
1696	0.9D+1E	Combination	Max	20.441433	4.222936	2.079745	0.000314	0.001730
1696	0.9D+1E	Combination	Min	-20.316639	-4.302461	-3.555173	-0.000328	-0.001717
1696	1.2D+1L+1Ey	Combination	Max	5.374712	12.032342	1.287074	0.000876	0.000455
1696	1.2D+1L+1Ey	Combination	Min	-5.169579	-12.172693	-3.475255	-0.000908	-0.000434
1696	0.9D+1Ey	Combination	Max	5.334542	12.062755	1.643451	0.000884	0.000451
1696	0.9D+1Ey	Combination	Min	-5.209748	-12.142280	-3.118878	-0.000899	-0.000439
1696	1D+0.5L	Combination		0.079015	-0.052760	-0.874918	-0.000011	7.981E-06
1697	1.4D	Combination		0.076428	-0.095140	-1.161421	7.571E-06	0.000011
1697	1.2D+1.6L	Combination		0.099249	-0.117144	-1.179556	9.410E-06	0.000013
1697	1.2D+1L+1E	Combination	Max	19.625911	4.242958	0.284899	0.000392	0.001679
1697	1.2D+1L+1E	Combination	Min	-19.452718	-4.450549	-2.505973	-0.000376	-0.001655
1697	0.9D+1E	Combination	Max	19.588447	4.285592	0.648808	0.000389	0.001674
1697	0.9D+1E	Combination	Min	-19.490182	-4.407915	-2.142064	-0.000379	-0.001660
1697	1.2D+1L+1Ey	Combination	Max	5.124984	11.988772	1.145840	0.001075	0.000441
1697	1.2D+1L+1Ey	Combination	Min	-4.951790	-12.196364	-3.366913	-0.001059	-0.000417
1697	0.9D+1Ey	Combination	Max	5.087519	12.031407	1.509749	0.001072	0.000436
1697	0.9D+1Ey	Combination	Min	-4.989254	-12.153730	-3.003005	-0.001062	-0.000422

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1697	1D+0.5L	Combination		0.065135	-0.079081	-0.887103	6.321E-06	8.969E-06
1698	1.4D	Combination		0.102832	-0.067420	-1.186237	0.000014	0.000012
1698	1.2D+1.6L	Combination		0.126144	-0.086106	-1.209949	0.000025	0.000015
1698	1.2D+1L+1E	Combination	Max	19.655638	4.187222	1.344962	0.000347	0.001639
1698	1.2D+1L+1E	Combination	Min	-19.431851	-4.338196	-3.619979	-0.000306	-0.001613
1698	0.9D+1E	Combination	Max	19.609851	4.219367	1.719890	0.000336	0.001634
1698	0.9D+1E	Combination	Min	-19.477638	-4.306050	-3.245051	-0.000317	-0.001618
1698	1.2D+1L+1Ey	Combination	Max	5.152054	12.026640	1.141426	0.000945	0.000433
1698	1.2D+1L+1Ey	Combination	Min	-4.928267	-12.177614	-3.416443	-0.000905	-0.000406
1698	0.9D+1Ey	Combination	Max	5.106267	12.058786	1.516354	0.000934	0.000427
1698	0.9D+1Ey	Combination	Min	-4.974054	-12.145469	-3.041515	-0.000915	-0.000412
1698	1D+0.5L	Combination		0.085327	-0.057006	-0.907679	0.000014	0.000010
1699	1.4D	Combination		0.092417	-0.001719	-1.104153	5.031E-06	5.534E-06
1699	1.2D+1.6L	Combination		0.109464	0.010463	-1.120696	4.045E-06	5.868E-06
1699	1.2D+1L+1E	Combination	Max	20.463574	8.426856	0.571764	0.000681	0.001673
1699	1.2D+1L+1E	Combination	Min	-20.267333	-8.414882	-2.682447	-0.000672	-0.001662
1699	0.9D+1E	Combination	Max	20.424865	8.419764	0.917293	0.000680	0.001671
1699	0.9D+1E	Combination	Min	-20.306042	-8.421974	-2.336918	-0.000673	-0.001664
1699	1.2D+1L+1Ey	Combination	Max	5.367532	12.465964	1.562632	0.001040	0.000437
1699	1.2D+1L+1Ey	Combination	Min	-5.171291	-12.453990	-3.673315	-0.001032	-0.000426
1699	0.9D+1Ey	Combination	Max	5.328823	12.458872	1.908161	0.001039	0.000435
1699	0.9D+1Ey	Combination	Min	-5.210001	-12.461082	-3.327787	-0.001033	-0.000428
1699	1D+0.5L	Combination		0.075465	0.002502	-0.843143	3.510E-06	4.304E-06
1700	1.4D	Combination		0.130728	-0.050711	-1.120267	5.485E-06	4.335E-06
1700	1.2D+1.6L	Combination		0.153695	-0.039181	-1.132634	5.307E-06	6.625E-06
1700	1.2D+1L+1E	Combination	Max	19.585074	8.396348	1.234358	0.000713	0.001677
1700	1.2D+1L+1E	Combination	Min	-19.308915	-8.477924	-3.370322	-0.000703	-0.001666
1700	0.9D+1E	Combination	Max	19.531034	8.404536	1.582168	0.000711	0.001674
1700	0.9D+1E	Combination	Min	-19.362955	-8.469736	-3.022512	-0.000704	-0.001669
1700	1.2D+1L+1Ey	Combination	Max	5.154388	12.421957	1.018315	0.001085	0.000436
1700	1.2D+1L+1Ey	Combination	Min	-4.878229	-12.503533	-3.154279	-0.001074	-0.000425
1700	0.9D+1Ey	Combination	Max	5.100348	12.430145	1.366125	0.001083	0.000433
1700	0.9D+1Ey	Combination	Min	-4.932269	-12.495346	-2.806469	-0.001076	-0.000428
1700	1D+0.5L	Combination		0.106391	-0.034883	-0.854067	4.107E-06	4.006E-06
1701	1.4D	Combination		0.188150	-0.133210	-1.215831	0.000023	0.000011
1701	1.2D+1.6L	Combination		0.241693	-0.168955	-1.247905	0.000033	0.000016
1701	1.2D+1L+1E	Combination	Max	17.434253	5.492475	3.152927	0.000522	0.001467
1701	1.2D+1L+1E	Combination	Min	-17.011183	-5.789304	-5.494413	-0.000466	-0.001441
1701	0.9D+1E	Combination	Max	17.343671	5.555255	3.542065	0.000509	0.001461
1701	0.9D+1E	Combination	Min	-17.101764	-5.726525	-5.105276	-0.000479	-0.001447
1701	1.2D+1L+1Ey	Combination	Max	4.659416	12.020380	0.787629	0.001050	0.000389
1701	1.2D+1L+1Ey	Combination	Min	-4.236346	-12.317209	-3.129115	-0.000993	-0.000362
1701	0.9D+1Ey	Combination	Max	4.568835	12.083159	1.176766	0.001036	0.000382
1701	0.9D+1Ey	Combination	Min	-4.326927	-12.254429	-2.739977	-0.001007	-0.000369
1701	1D+0.5L	Combination		0.159525	-0.112267	-0.932752	0.000021	9.691E-06
1702	1.4D	Combination		0.129816	-0.109552	-1.155787	0.000013	0.000020
1702	1.2D+1.6L	Combination		0.182201	-0.150051	-1.168866	0.000018	0.000025
1702	1.2D+1L+1E	Combination	Max	17.341603	6.306303	0.506479	0.000581	0.001500

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1702	1.2D+1L+1E	Combination	Min	-17.030398	-6.564292	-2.710568	-0.000550	-0.001456
1702	0.9D+1E	Combination	Max	17.269453	6.364871	0.865517	0.000574	0.001491
1702	0.9D+1E	Combination	Min	-17.102547	-6.505724	-2.351529	-0.000557	-0.001465
1702	1.2D+1L+1Ey	Combination	Max	4.593663	12.061365	0.604088	0.001102	0.000403
1702	1.2D+1L+1Ey	Combination	Min	-4.282458	-12.319355	-2.808176	-0.001071	-0.000359
1702	0.9D+1Ey	Combination	Max	4.521514	12.119933	0.963126	0.001095	0.000394
1702	0.9D+1Ey	Combination	Min	-4.354607	-12.260786	-2.449138	-0.001078	-0.000368
1702	1D+0.5L	Combination		0.114892	-0.095798	-0.881247	0.000011	0.000017
1703	1.4D	Combination		0.182835	-0.167959	-1.223978	0.000018	-0.000042
1703	1.2D+1.6L	Combination		0.242471	-0.209664	-1.259121	0.000024	-0.000055
1703	1.2D+1L+1E	Combination	Max	17.401988	6.264303	1.106121	0.000580	0.001060
1703	1.2D+1L+1E	Combination	Min	-16.981363	-6.634357	-3.466865	-0.000539	-0.001156
1703	0.9D+1E	Combination	Max	17.309212	6.341357	1.499650	0.000571	0.001081
1703	0.9D+1E	Combination	Min	-17.074139	-6.557304	-3.073335	-0.000548	-0.001135
1703	1.2D+1L+1Ey	Combination	Max	4.676721	12.024308	2.063065	0.001092	0.000250
1703	1.2D+1L+1Ey	Combination	Min	-4.256095	-12.394361	-4.423810	-0.001052	-0.000346
1703	0.9D+1Ey	Combination	Max	4.583945	12.101361	2.456595	0.001083	0.000271
1703	0.9D+1Ey	Combination	Min	-4.348871	-12.317308	-4.030280	-0.001061	-0.000325
1703	1D+0.5L	Combination		0.157395	-0.140502	-0.939894	0.000015	-0.000036
1704	1.4D	Combination		0.176738	-0.072185	-1.090992	-0.000029	0.000017
1704	1.2D+1.6L	Combination		0.229858	-0.090748	-1.115245	-0.000039	0.000022
1704	1.2D+1L+1E	Combination	Max	17.495651	4.182562	1.366948	0.000290	0.001467
1704	1.2D+1L+1E	Combination	Min	-17.094711	-4.342402	-3.462357	-0.000357	-0.001429
1704	0.9D+1E	Combination	Max	17.408799	4.216077	1.713300	0.000305	0.001459
1704	0.9D+1E	Combination	Min	-17.181563	-4.308887	-3.116004	-0.000342	-0.001437
1704	1.2D+1L+1Ey	Combination	Max	4.666841	12.022013	1.361362	0.000883	0.000393
1704	1.2D+1L+1Ey	Combination	Min	-4.265902	-12.181853	-3.456771	-0.000950	-0.000355
1704	0.9D+1Ey	Combination	Max	4.579989	12.055528	1.707714	0.000898	0.000385
1704	0.9D+1Ey	Combination	Min	-4.352754	-12.148338	-3.110419	-0.000935	-0.000363
1704	1D+0.5L	Combination		0.150732	-0.060584	-0.835564	-0.000025	0.000015
1705	1.4D	Combination		0.150218	-0.058354	-1.055416	8.258E-06	0.000017
1705	1.2D+1.6L	Combination		0.202841	-0.079581	-1.068523	0.000011	0.000022
1705	1.2D+1L+1E	Combination	Max	17.462198	4.274349	0.183762	0.000391	0.001501
1705	1.2D+1L+1E	Combination	Min	-17.112078	-4.411339	-2.197896	-0.000372	-0.001464
1705	0.9D+1E	Combination	Max	17.383706	4.305331	0.512348	0.000387	0.001493
1705	0.9D+1E	Combination	Min	-17.190570	-4.380357	-1.869310	-0.000376	-0.001472
1705	1.2D+1L+1Ey	Combination	Max	4.638815	12.045205	1.371371	0.001073	0.000401
1705	1.2D+1L+1Ey	Combination	Min	-4.288696	-12.182194	-3.385506	-0.001055	-0.000364
1705	0.9D+1Ey	Combination	Max	4.560324	12.076186	1.699957	0.001069	0.000393
1705	0.9D+1Ey	Combination	Min	-4.367187	-12.151213	-3.056920	-0.001059	-0.000372
1705	1D+0.5L	Combination		0.130449	-0.050920	-0.805081	7.030E-06	0.000014
1706	1.4D	Combination		0.176598	-0.111465	-1.090318	7.509E-06	0.000018
1706	1.2D+1.6L	Combination		0.235991	-0.133741	-1.114090	9.885E-06	0.000024
1706	1.2D+1L+1E	Combination	Max	17.406629	4.224201	0.167723	0.000389	0.001479
1706	1.2D+1L+1E	Combination	Min	-16.998113	-4.463033	-2.261254	-0.000372	-0.001438
1706	0.9D+1E	Combination	Max	17.315898	4.271961	0.513570	0.000386	0.001470
1706	0.9D+1E	Combination	Min	-17.088844	-4.415273	-1.915407	-0.000376	-0.001447

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1706	1.2D+1L+1Ey	Combination	Max	4.673682	11.995200	1.337470	0.001070	0.000399
1706	1.2D+1L+1Ey	Combination	Min	-4.265167	-12.234033	-3.431001	-0.001053	-0.000357
1706	0.9D+1Ey	Combination	Max	4.582952	12.042960	1.683317	0.001066	0.000390
1706	0.9D+1Ey	Combination	Min	-4.355897	-12.186273	-3.085154	-0.001056	-0.000366
1706	1D+0.5L	Combination		0.152585	-0.091555	-0.834902	6.441E-06	0.000016
1707	1.4D	Combination		0.200866	-0.076912	-1.128153	0.000010	0.000018
1707	1.2D+1.6L	Combination		0.260957	-0.095492	-1.164380	0.000013	0.000024
1707	1.2D+1L+1E	Combination	Max	17.434772	4.179066	1.271861	0.000377	0.001454
1707	1.2D+1L+1E	Combination	Min	-16.979448	-4.347875	-3.452578	-0.000354	-0.001412
1707	0.9D+1E	Combination	Max	17.336238	4.214027	1.636978	0.000373	0.001445
1707	0.9D+1E	Combination	Min	-17.077982	-4.312914	-3.087460	-0.000359	-0.001422
1707	1.2D+1L+1Ey	Combination	Max	4.697503	12.020243	1.322908	0.001043	0.000393
1707	1.2D+1L+1Ey	Combination	Min	-4.242179	-12.189052	-3.503624	-0.001020	-0.000351
1707	0.9D+1Ey	Combination	Max	4.598969	12.055204	1.688025	0.001039	0.000383
1707	0.9D+1Ey	Combination	Min	-4.340712	-12.154091	-3.138507	-0.001025	-0.000360
1707	1D+0.5L	Combination		0.171221	-0.064177	-0.867508	8.750E-06	0.000016
1708	1.4D	Combination		0.162120	0.008552	-0.934183	0.000016	0.000020
1708	1.2D+1.6L	Combination		0.215513	0.019112	-0.874506	0.000022	0.000024
1708	1.2D+1L+1E	Combination	Max	17.371726	6.845801	3.397426	0.000602	0.001472
1708	1.2D+1L+1E	Combination	Min	-16.998114	-6.816414	-5.091105	-0.000563	-0.001429
1708	0.9D+1E	Combination	Max	17.289140	6.836605	3.643719	0.000592	0.001463
1708	0.9D+1E	Combination	Min	-17.080700	-6.825610	-4.844811	-0.000572	-0.001438
1708	1.2D+1L+1Ey	Combination	Max	4.626407	12.027706	0.951663	0.001021	0.000396
1708	1.2D+1L+1Ey	Combination	Min	-4.252796	-11.998319	-2.645342	-0.000983	-0.000353
1708	0.9D+1Ey	Combination	Max	4.543822	12.018510	1.197956	0.001012	0.000387
1708	0.9D+1Ey	Combination	Min	-4.335381	-12.007515	-2.399048	-0.000992	-0.000362
1708	1D+0.5L	Combination		0.139723	0.009790	-0.690329	0.000014	0.000016
1709	1.4D	Combination		0.209998	0.038184	-0.991154	-4.022E-07	9.851E-06
1709	1.2D+1.6L	Combination		0.260893	0.054337	-0.949828	-2.058E-06	0.000015
1709	1.2D+1L+1E	Combination	Max	17.377682	7.718744	0.810131	0.000670	0.001495
1709	1.2D+1L+1E	Combination	Min	-16.916567	-7.626277	-2.634587	-0.000672	-0.001470
1709	0.9D+1E	Combination	Max	17.282123	7.697057	1.085188	0.000671	0.001489
1709	0.9D+1E	Combination	Min	-17.012125	-7.647964	-2.359529	-0.000671	-0.001476
1709	1.2D+1L+1Ey	Combination	Max	4.662748	11.972932	0.645689	0.001070	0.000395
1709	1.2D+1L+1Ey	Combination	Min	-4.201633	-11.880464	-2.470145	-0.001073	-0.000370
1709	0.9D+1Ey	Combination	Max	4.567190	11.951245	0.920747	0.001071	0.000389
1709	0.9D+1Ey	Combination	Min	-4.297192	-11.902152	-2.195088	-0.001071	-0.000376
1709	1D+0.5L	Combination		0.175278	0.034027	-0.739301	-8.228E-07	9.092E-06
1710	1.4D	Combination		0.175311	-0.017905	-0.991124	-7.892E-08	5.485E-06
1710	1.2D+1.6L	Combination		0.235972	0.000572	-0.944009	-1.241E-06	6.514E-06
1710	1.2D+1L+1E	Combination	Max	17.418486	7.690456	1.789611	0.000671	0.001351
1710	1.2D+1L+1E	Combination	Min	-17.010820	-7.701251	-3.606774	-0.000673	-0.001340
1710	0.9D+1E	Combination	Max	17.327353	7.684343	2.061042	0.000672	0.001349
1710	0.9D+1E	Combination	Min	-17.101953	-7.707363	-3.335343	-0.000672	-0.001342
1710	1.2D+1L+1Ey	Combination	Max	4.676105	11.952378	2.429637	0.001069	0.000368
1710	1.2D+1L+1Ey	Combination	Min	-4.268440	-11.963173	-4.246800	-0.001070	-0.000356

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1710	0.9D+1Ey	Combination	Max	4.584973	11.946265	2.701068	0.001070	0.000365
1710	0.9D+1Ey	Combination	Min	-4.359572	-11.969285	-3.975369	-0.001070	-0.000358
1710	1D+0.5L	Combination		0.152005	-0.007814	-0.737469	-4.232E-07	4.484E-06
1711	1.4D	Combination		0.109701	-0.103439	-1.039131	0.000012	0.000025
1711	1.2D+1.6L	Combination		0.132829	-0.164527	-0.983598	0.000017	0.000034
1711	1.2D+1L+1E	Combination	Max	26.034117	9.729037	0.963234	0.000706	0.001845
1711	1.2D+1L+1E	Combination	Min	-25.797559	-10.001192	-2.860744	-0.000677	-0.001786
1711	0.9D+1E	Combination	Max	25.986360	9.798618	1.243976	0.000700	0.001832
1711	0.9D+1E	Combination	Min	-25.845316	-9.931611	-2.580001	-0.000684	-0.001799
1711	1.2D+1L+1Ey	Combination	Max	6.818928	15.389725	2.131015	0.001153	0.000498
1711	1.2D+1L+1Ey	Combination	Min	-6.582370	-15.661880	-4.028525	-0.001123	-0.000439
1711	0.9D+1Ey	Combination	Max	6.771171	15.459306	2.411757	0.001146	0.000485
1711	0.9D+1Ey	Combination	Min	-6.630127	-15.592299	-3.747783	-0.001130	-0.000452
1711	1D+0.5L	Combination		0.090483	-0.097593	-0.771272	0.000011	0.000022
1712	1.4D	Combination		0.092234	-0.150308	-1.093010	0.000013	8.120E-06
1712	1.2D+1.6L	Combination		0.123687	-0.209495	-1.058398	0.000018	0.000011
1712	1.2D+1L+1E	Combination	Max	24.893428	9.700895	1.513727	0.000727	0.001773
1712	1.2D+1L+1E	Combination	Min	-24.679526	-10.059391	-3.539374	-0.000696	-0.001754
1712	0.9D+1E	Combination	Max	24.845770	9.783516	1.823902	0.000720	0.001768
1712	0.9D+1E	Combination	Min	-24.727184	-9.976769	-3.229200	-0.000703	-0.001758
1712	1.2D+1L+1Ey	Combination	Max	6.497289	15.340805	1.025302	0.001185	0.000464
1712	1.2D+1L+1Ey	Combination	Min	-6.283387	-15.699300	-3.050949	-0.001154	-0.000445
1712	0.9D+1Ey	Combination	Max	6.449631	15.423426	1.335477	0.001177	0.000459
1712	0.9D+1Ey	Combination	Min	-6.331045	-15.616679	-2.740775	-0.001161	-0.000449
1712	1D+0.5L	Combination		0.079828	-0.132569	-0.818700	0.000011	7.064E-06
1713	1.4D	Combination		0.137875	-0.110961	-1.140509	-7.254E-06	0.000017
1713	1.2D+1.6L	Combination		0.168213	-0.164538	-1.116999	-0.000011	0.000019
1713	1.2D+1L+1E	Combination	Max	24.950697	8.457300	3.485777	0.000598	0.001773
1713	1.2D+1L+1E	Combination	Min	-24.651796	-8.734305	-5.615210	-0.000617	-0.001738
1713	0.9D+1E	Combination	Max	24.889880	8.524470	3.817309	0.000603	0.001766
1713	0.9D+1E	Combination	Min	-24.712612	-8.667135	-5.283677	-0.000612	-0.001745
1713	1.2D+1L+1Ey	Combination	Max	6.544442	15.385874	1.128347	0.001163	0.000469
1713	1.2D+1L+1Ey	Combination	Min	-6.245542	-15.662879	-3.257780	-0.001182	-0.000434
1713	0.9D+1Ey	Combination	Max	6.483626	15.453044	1.459879	0.001167	0.000462
1713	0.9D+1Ey	Combination	Min	-6.306358	-15.595709	-2.926247	-0.001177	-0.000441
1713	1D+0.5L	Combination		0.114118	-0.100954	-0.858218	-6.827E-06	0.000013
1714	1.4D	Combination		0.101730	-0.068879	-1.289096	8.898E-06	9.908E-06
1714	1.2D+1.6L	Combination		0.124653	-0.097678	-1.299018	0.000012	0.000012
1714	1.2D+1L+1E	Combination	Max	26.034008	5.510802	0.135732	0.000426	0.001853
1714	1.2D+1L+1E	Combination	Min	-25.812795	-5.677179	-2.588210	-0.000406	-0.001832
1714	0.9D+1E	Combination	Max	25.988799	5.549711	0.533266	0.000421	0.001849
1714	0.9D+1E	Combination	Min	-25.858004	-5.638270	-2.190676	-0.000410	-0.001836
1714	1.2D+1L+1Ey	Combination	Max	6.813167	15.486186	1.286861	0.001165	0.000486
1714	1.2D+1L+1Ey	Combination	Min	-6.591954	-15.652563	-3.739338	-0.001145	-0.000465
1714	0.9D+1Ey	Combination	Max	6.767958	15.525095	1.684395	0.001161	0.000481
1714	0.9D+1Ey	Combination	Min	-6.637163	-15.613653	-3.341804	-0.001150	-0.000469
1714	1D+0.5L	Combination		0.084369	-0.061274	-0.981433	7.577E-06	8.075E-06
1715	1.4D	Combination		0.127448	-0.086276	-1.313141	-5.997E-06	0.000012

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1715	1.2D+1.6L	Combination		0.150631	-0.111514	-1.327913	-0.000014	0.000014
1715	1.2D+1L+1E	Combination	Max	26.062363	5.390671	1.722846	0.000337	0.001841
1715	1.2D+1L+1E	Combination	Min	-25.792143	-5.585527	-4.226899	-0.000358	-0.001815
1715	0.9D+1E	Combination	Max	26.009183	5.432636	2.130711	0.000344	0.001836
1715	0.9D+1E	Combination	Min	-25.845322	-5.543563	-3.819035	-0.000351	-0.001820
1715	1.2D+1L+1Ey	Combination	Max	6.837599	15.482895	1.340605	0.000956	0.000484
1715	1.2D+1L+1Ey	Combination	Min	-6.567379	-15.677752	-3.844658	-0.000977	-0.000458
1715	0.9D+1Ey	Combination	Max	6.784420	15.524860	1.748469	0.000962	0.000479
1715	0.9D+1Ey	Combination	Min	-6.620558	-15.635787	-3.436794	-0.000970	-0.000464
1715	1D+0.5L	Combination		0.103969	-0.073364	-1.001196	-6.978E-06	9.882E-06
1716	1.4D	Combination		0.110758	-0.119715	-1.330023	8.025E-06	0.000012
1716	1.2D+1.6L	Combination		0.141408	-0.149193	-1.351080	0.000010	0.000014
1716	1.2D+1L+1E	Combination	Max	25.001497	5.464754	0.237835	0.000426	0.001779
1716	1.2D+1L+1E	Combination	Min	-24.753535	-5.728205	-2.781700	-0.000408	-0.001754
1716	0.9D+1E	Combination	Max	24.948718	5.519520	0.654753	0.000422	0.001774
1716	0.9D+1E	Combination	Min	-24.806314	-5.673439	-2.364782	-0.000412	-0.001759
1716	1.2D+1L+1Ey	Combination	Max	6.535556	15.438368	1.182546	0.001168	0.000467
1716	1.2D+1L+1Ey	Combination	Min	-6.287594	-15.701819	-3.726411	-0.001150	-0.000442
1716	0.9D+1Ey	Combination	Max	6.482777	15.493134	1.599463	0.001164	0.000462
1716	0.9D+1Ey	Combination	Min	-6.340373	-15.647053	-3.309493	-0.001154	-0.000447
1716	1D+0.5L	Combination		0.093636	-0.100067	-1.015973	6.768E-06	9.735E-06
1717	1.4D	Combination		0.136004	-0.091724	-1.358407	9.166E-06	0.000014
1717	1.2D+1.6L	Combination		0.167137	-0.117032	-1.385717	0.000020	0.000018
1717	1.2D+1L+1E	Combination	Max	25.027694	5.385379	1.317490	0.000369	0.001741
1717	1.2D+1L+1E	Combination	Min	-24.731342	-5.590634	-3.922898	-0.000338	-0.001710
1717	0.9D+1E	Combination	Max	24.966949	5.429041	1.746933	0.000359	0.001735
1717	0.9D+1E	Combination	Min	-24.792087	-5.546972	-3.493456	-0.000347	-0.001716
1717	1.2D+1L+1Ey	Combination	Max	6.560846	15.477158	1.170287	0.001016	0.000461
1717	1.2D+1L+1Ey	Combination	Min	-6.264494	-15.682414	-3.775695	-0.000985	-0.000429
1717	0.9D+1Ey	Combination	Max	6.500102	15.520821	1.599729	0.001007	0.000454
1717	0.9D+1Ey	Combination	Min	-6.325239	-15.638752	-3.346252	-0.000995	-0.000436
1717	1D+0.5L	Combination		0.112946	-0.077521	-1.039468	0.000010	0.000012
1718	1.4D	Combination		0.122857	-0.014572	-1.262325	5.543E-06	7.019E-06
1718	1.2D+1.6L	Combination		0.145947	0.000029	-1.280838	4.614E-06	7.564E-06
1718	1.2D+1L+1E	Combination	Max	26.048415	10.658349	0.520466	0.000719	0.001773
1718	1.2D+1L+1E	Combination	Min	-25.787002	-10.667681	-2.933009	-0.000710	-0.001759
1718	0.9D+1E	Combination	Max	25.996687	10.653647	0.915243	0.000718	0.001771
1718	0.9D+1E	Combination	Min	-25.838729	-10.672383	-2.538232	-0.000711	-0.001762
1718	1.2D+1L+1Ey	Combination	Max	6.831286	15.964357	1.567742	0.001124	0.000463
1718	1.2D+1L+1Ey	Combination	Min	-6.569873	-15.973689	-3.980284	-0.001115	-0.000449
1718	0.9D+1Ey	Combination	Max	6.779559	15.959655	1.962518	0.001123	0.000461
1718	0.9D+1Ey	Combination	Min	-6.621601	-15.978391	-3.585508	-0.001116	-0.000452
1718	1D+0.5L	Combination		0.100455	-0.006496	-0.963800	3.916E-06	5.497E-06
1719	1.4D	Combination		0.161302	-0.061412	-1.283542	6.073E-06	0.000016
1719	1.2D+1.6L	Combination		0.191984	-0.047439	-1.298187	5.992E-06	0.000019
1719	1.2D+1L+1E	Combination	Max	24.965295	10.628080	1.232894	0.000752	0.001774
1719	1.2D+1L+1E	Combination	Min	-24.621620	-10.726858	-3.680762	-0.000740	-0.001740
1719	0.9D+1E	Combination	Max	24.897152	10.637990	1.631694	0.000750	0.001768

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1719	0.9D+1E	Combination	Min	-24.689764	-10.716948	-3.281963	-0.000742	-0.001747
1719	1.2D+1L+1Ey	Combination	Max	6.562792	15.926235	1.074330	0.001171	0.000469
1719	1.2D+1L+1Ey	Combination	Min	-6.219117	-16.025013	-3.522199	-0.001159	-0.000435
1719	0.9D+1Ey	Combination	Max	6.494649	15.936145	1.473130	0.001169	0.000463
1719	0.9D+1Ey	Combination	Min	-6.287260	-16.015103	-3.123399	-0.001161	-0.000442
1719	1D+0.5L	Combination		0.132005	-0.042241	-0.978693	4.584E-06	0.000013
1720	1.4D	Combination		0.237264	-0.170702	-1.390200	0.000024	0.000023
1720	1.2D+1.6L	Combination		0.307165	-0.218541	-1.426706	0.000035	0.000029
1720	1.2D+1L+1E	Combination	Max	22.214959	7.063909	3.272369	0.000562	0.001587
1720	1.2D+1L+1E	Combination	Min	-21.678476	-7.446823	-5.949452	-0.000504	-0.001536
1720	0.9D+1E	Combination	Max	22.099245	7.145628	3.717210	0.000548	0.001576
1720	0.9D+1E	Combination	Min	-21.794191	-7.365103	-5.504610	-0.000517	-0.001547
1720	1.2D+1L+1Ey	Combination	Max	5.933586	15.490109	0.803030	0.001134	0.000428
1720	1.2D+1L+1Ey	Combination	Min	-5.397103	-15.873023	-3.480113	-0.001076	-0.000377
1720	0.9D+1Ey	Combination	Max	5.817872	15.571828	1.247871	0.001121	0.000417
1720	0.9D+1Ey	Combination	Min	-5.512818	-15.791303	-3.035272	-0.001090	-0.000388
1720	1D+0.5L	Combination		0.201911	-0.144501	-1.066471	0.000022	0.000019
1721	1.4D	Combination		0.182543	-0.153603	-1.324741	0.000015	0.000011
1721	1.2D+1.6L	Combination		0.251352	-0.208053	-1.340202	0.000020	0.000016
1721	1.2D+1L+1E	Combination	Max	22.138179	8.095311	0.453805	0.000629	0.001565
1721	1.2D+1L+1E	Combination	Min	-21.706640	-8.454122	-2.980676	-0.000594	-0.001538
1721	0.9D+1E	Combination	Max	22.039758	8.175972	0.865622	0.000621	0.001558
1721	0.9D+1E	Combination	Min	-21.805060	-8.373462	-2.568859	-0.000602	-0.001544
1721	1.2D+1L+1Ey	Combination	Max	5.874246	15.543301	0.610091	0.001199	0.000413
1721	1.2D+1L+1Ey	Combination	Min	-5.442706	-15.902112	-3.136963	-0.001164	-0.000387
1721	0.9D+1Ey	Combination	Max	5.775825	15.623962	1.021908	0.001191	0.000407
1721	0.9D+1Ey	Combination	Min	-5.541127	-15.821451	-2.725146	-0.001172	-0.000393
1721	1D+0.5L	Combination		0.160040	-0.133589	-1.010215	0.000013	9.748E-06
1722	1.4D	Combination		0.239056	-0.209422	-1.398441	0.000020	-0.000041
1722	1.2D+1.6L	Combination		0.317199	-0.265032	-1.438317	0.000026	-0.000053
1722	1.2D+1L+1E	Combination	Max	22.151475	8.052346	1.133244	0.000628	0.001131
1722	1.2D+1L+1E	Combination	Min	-21.601297	-8.518264	-3.830138	-0.000583	-0.001224
1722	0.9D+1E	Combination	Max	22.030065	8.150677	1.582693	0.000618	0.001151
1722	0.9D+1E	Combination	Min	-21.722707	-8.419934	-3.380689	-0.000593	-0.001203
1722	1.2D+1L+1Ey	Combination	Max	5.954345	15.502509	2.150878	0.001188	0.000269
1722	1.2D+1L+1Ey	Combination	Min	-5.404167	-15.968427	-4.847772	-0.001143	-0.000362
1722	0.9D+1Ey	Combination	Max	5.832935	15.600839	2.600327	0.001178	0.000289
1722	0.9D+1Ey	Combination	Min	-5.525577	-15.870096	-4.398323	-0.001153	-0.000342
1722	1D+0.5L	Combination		0.205846	-0.176314	-1.073778	0.000017	-0.000035
1723	1.4D	Combination		0.227698	-0.096577	-1.247771	-0.000028	0.000019
1723	1.2D+1.6L	Combination		0.297278	-0.121789	-1.275516	-0.000038	0.000025
1723	1.2D+1L+1E	Combination	Max	22.277844	5.381286	1.366595	0.000317	0.001558
1723	1.2D+1L+1E	Combination	Min	-21.759869	-5.595606	-3.763128	-0.000382	-0.001514
1723	0.9D+1E	Combination	Max	22.165234	5.426361	1.762723	0.000331	0.001549
1723	0.9D+1E	Combination	Min	-21.872479	-5.550531	-3.367000	-0.000367	-0.001524
1723	1.2D+1L+1Ey	Combination	Max	5.942694	15.474781	1.419979	0.000957	0.000418

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1723	1.2D+1L+1Ey	Combination	Min	-5.424719	-15.689102	-3.816512	-0.001023	-0.000374
1723	0.9D+1Ey	Combination	Max	5.830084	15.519856	1.816106	0.000972	0.000409
1723	0.9D+1Ey	Combination	Min	-5.537329	-15.644027	-3.420384	-0.001008	-0.000384
1723	1D+0.5L	Combination		0.194550	-0.081174	-0.955639	-0.000024	0.000017
1724	1.4D	Combination		0.202365	-0.085785	-1.209224	9.809E-06	0.000017
1724	1.2D+1.6L	Combination		0.271462	-0.114613	-1.224693	0.000013	0.000023
1724	1.2D+1L+1E	Combination	Max	22.248179	5.493613	0.128916	0.000426	0.001591
1724	1.2D+1L+1E	Combination	Min	-21.778760	-5.692027	-2.437140	-0.000404	-0.001551
1724	0.9D+1E	Combination	Max	22.143562	5.537672	0.505669	0.000421	0.001582
1724	0.9D+1E	Combination	Min	-21.883378	-5.647968	-2.060386	-0.000409	-0.001560
1724	1.2D+1L+1Ey	Combination	Max	5.916458	15.496590	1.430544	0.001168	0.000424
1724	1.2D+1L+1Ey	Combination	Min	-5.447038	-15.695004	-3.738768	-0.001146	-0.000385
1724	0.9D+1Ey	Combination	Max	5.811840	15.540649	1.807298	0.001163	0.000416
1724	0.9D+1Ey	Combination	Min	-5.551656	-15.650945	-3.362015	-0.001150	-0.000394
1724	1D+0.5L	Combination		0.175174	-0.074114	-0.922549	8.320E-06	0.000015
1725	1.4D	Combination		0.233287	-0.136683	-1.249551	9.037E-06	0.000019
1725	1.2D+1.6L	Combination		0.311242	-0.166556	-1.277336	0.000012	0.000025
1725	1.2D+1L+1E	Combination	Max	22.154261	5.445550	0.114883	0.000424	0.001566
1725	1.2D+1L+1E	Combination	Min	-21.615238	-5.741614	-2.514835	-0.000404	-0.001522
1725	0.9D+1E	Combination	Max	22.034720	5.505714	0.511576	0.000420	0.001556
1725	0.9D+1E	Combination	Min	-21.734779	-5.681450	-2.118142	-0.000408	-0.001531
1725	1.2D+1L+1Ey	Combination	Max	5.951186	15.448946	1.393730	0.001164	0.000422
1725	1.2D+1L+1Ey	Combination	Min	-5.412163	-15.745009	-3.793682	-0.001144	-0.000378
1725	0.9D+1Ey	Combination	Max	5.831645	15.509109	1.790423	0.001160	0.000412
1725	0.9D+1Ey	Combination	Min	-5.531705	-15.684845	-3.396989	-0.001148	-0.000387
1725	1D+0.5L	Combination		0.201409	-0.113068	-0.957003	7.713E-06	0.000017
1726	1.4D	Combination		0.256530	-0.101056	-1.290640	0.000012	0.000020
1726	1.2D+1.6L	Combination		0.335163	-0.126288	-1.332153	0.000015	0.000027
1726	1.2D+1L+1E	Combination	Max	22.178939	5.378123	1.249936	0.000408	0.001541
1726	1.2D+1L+1E	Combination	Min	-21.595074	-5.600948	-3.744825	-0.000382	-0.001495
1726	0.9D+1E	Combination	Max	22.051918	5.424571	1.667684	0.000403	0.001531
1726	0.9D+1E	Combination	Min	-21.722094	-5.554500	-3.327077	-0.000387	-0.001505
1726	1.2D+1L+1Ey	Combination	Max	5.973323	15.473541	1.379930	0.001128	0.000417
1726	1.2D+1L+1Ey	Combination	Min	-5.389457	-15.696366	-3.874819	-0.001102	-0.000370
1726	0.9D+1Ey	Combination	Max	5.846302	15.519989	1.797678	0.001122	0.000406
1726	0.9D+1Ey	Combination	Min	-5.516478	-15.649918	-3.457071	-0.001107	-0.000380
1726	1D+0.5L	Combination		0.219261	-0.084579	-0.992476	9.901E-06	0.000017
1727	1.4D	Combination		0.215486	0.003260	-1.070499	0.000017	0.000011
1727	1.2D+1.6L	Combination		0.285373	0.015918	-1.002500	0.000024	0.000016
1727	1.2D+1L+1E	Combination	Max	22.150312	8.765717	3.549156	0.000645	0.001573
1727	1.2D+1L+1E	Combination	Min	-21.655069	-8.743724	-5.490458	-0.000604	-0.001546
1727	0.9D+1E	Combination	Max	22.041217	8.756816	3.831629	0.000635	0.001567
1727	0.9D+1E	Combination	Min	-21.764163	-8.752625	-5.207985	-0.000613	-0.001553
1727	1.2D+1L+1Ey	Combination	Max	5.902788	15.500403	0.991982	0.001104	0.000416
1727	1.2D+1L+1Ey	Combination	Min	-5.407545	-15.478410	-2.933284	-0.001063	-0.000388
1727	0.9D+1Ey	Combination	Max	5.793693	15.491502	1.274455	0.001095	0.000409
1727	0.9D+1Ey	Combination	Min	-5.516640	-15.487311	-2.650811	-0.001073	-0.000395

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1727	1D+0.5L	Combination		0.185378	0.006430	-0.791183	0.000015	0.000010
1728	1.4D	Combination		0.260383	0.036028	-1.133637	-3.183E-07	0.000021
1728	1.2D+1.6L	Combination		0.327941	0.056088	-1.086201	-2.140E-06	0.000027
1728	1.2D+1L+1E	Combination	Max	22.166455	9.896211	0.797310	0.000722	0.001579
1728	1.2D+1L+1E	Combination	Min	-21.589140	-9.802940	-2.883829	-0.000725	-0.001532
1728	0.9D+1E	Combination	Max	22.045186	9.872736	1.111803	0.000723	0.001569
1728	0.9D+1E	Combination	Min	-21.710408	-9.826415	-2.569337	-0.000724	-0.001542
1728	1.2D+1L+1Ey	Combination	Max	5.939066	15.459556	0.656009	0.001165	0.000425
1728	1.2D+1L+1Ey	Combination	Min	-5.361751	-15.366285	-2.742527	-0.001168	-0.000377
1728	0.9D+1Ey	Combination	Max	5.817797	15.436081	0.970501	0.001166	0.000415
1728	0.9D+1Ey	Combination	Min	-5.483019	-15.389760	-2.428035	-0.001167	-0.000387
1728	1D+0.5L	Combination		0.218724	0.033611	-0.845526	-8.108E-07	0.000018
1729	1.4D	Combination		0.232686	-0.017763	-1.137603	-1.150E-07	6.678E-06
1729	1.2D+1.6L	Combination		0.311942	0.004472	-1.084756	-1.448E-06	7.810E-06
1729	1.2D+1L+1E	Combination	Max	22.169451	9.864248	1.886314	0.000724	0.001434
1729	1.2D+1L+1E	Combination	Min	-21.629940	-9.870077	-3.973575	-0.000726	-0.001420
1729	0.9D+1E	Combination	Max	22.049279	9.855744	2.198629	0.000725	0.001432
1729	0.9D+1E	Combination	Min	-21.750111	-9.878581	-3.661261	-0.000725	-0.001423
1729	1.2D+1L+1Ey	Combination	Max	5.954984	15.433243	2.572986	0.001164	0.000391
1729	1.2D+1L+1Ey	Combination	Min	-5.415473	-15.439072	-4.660247	-0.001166	-0.000377
1729	0.9D+1Ey	Combination	Max	5.834813	15.424739	2.885301	0.001164	0.000388
1729	0.9D+1Ey	Combination	Min	-5.535644	-15.447577	-4.347933	-0.001165	-0.000380
1729	1D+0.5L	Combination		0.201360	-0.006532	-0.846845	-5.039E-07	5.422E-06
1730	1.4D	Combination		0.145215	-0.146416	-1.163437	0.000015	0.000027
1730	1.2D+1.6L	Combination		0.175262	-0.223804	-1.101632	0.000020	0.000036
1730	1.2D+1L+1E	Combination	Max	31.873207	11.914177	0.964289	0.000740	0.001918
1730	1.2D+1L+1E	Combination	Min	-31.560777	-12.288057	-3.089252	-0.000705	-0.001856
1730	0.9D+1E	Combination	Max	31.810345	12.006992	1.278847	0.000732	0.001905
1730	0.9D+1E	Combination	Min	-31.623639	-12.195241	-2.774694	-0.000713	-0.001870
1730	1.2D+1L+1Ey	Combination	Max	8.350705	19.094771	2.187509	0.001228	0.000517
1730	1.2D+1L+1Ey	Combination	Min	-8.038275	-19.468650	-4.312472	-0.001193	-0.000455
1730	0.9D+1Ey	Combination	Max	8.287843	19.187586	2.502067	0.001220	0.000504
1730	0.9D+1Ey	Combination	Min	-8.101137	-19.375835	-3.997914	-0.001201	-0.000469
1730	1D+0.5L	Combination		0.119598	-0.135303	-0.863651	0.000013	0.000023
1731	1.4D	Combination		0.131557	-0.191156	-1.225858	0.000015	0.000017
1731	1.2D+1.6L	Combination		0.171874	-0.266753	-1.187301	0.000021	0.000020
1731	1.2D+1L+1E	Combination	Max	30.527952	11.885986	1.528845	0.000761	0.001865
1731	1.2D+1L+1E	Combination	Min	-30.228537	-12.342313	-3.801023	-0.000724	-0.001830
1731	0.9D+1E	Combination	Max	30.462817	11.991263	1.876882	0.000753	0.001858
1731	0.9D+1E	Combination	Min	-30.293672	-12.237035	-3.452986	-0.000733	-0.001837
1731	1.2D+1L+1Ey	Combination	Max	7.977403	19.052455	1.073133	0.001262	0.000493
1731	1.2D+1L+1Ey	Combination	Min	-7.677988	-19.508783	-3.345311	-0.001225	-0.000457
1731	0.9D+1Ey	Combination	Max	7.912268	19.157733	1.421170	0.001254	0.000486
1731	0.9D+1Ey	Combination	Min	-7.743123	-19.403505	-2.997273	-0.001234	-0.000464
1731	1D+0.5L	Combination		0.112442	-0.168698	-0.918290	0.000014	0.000014
1732	1.4D	Combination		0.175842	-0.150583	-1.278873	-5.851E-06	0.000011
1732	1.2D+1.6L	Combination		0.215095	-0.218746	-1.252651	-9.631E-06	0.000014
1732	1.2D+1L+1E	Combination	Max	30.577350	10.380837	3.540514	0.000630	0.001828

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1732	1.2D+1L+1E	Combination	Min	-30.195441	-10.751073	-5.928461	-0.000646	-0.001804
1732	0.9D+1E	Combination	Max	30.499437	10.469152	3.912355	0.000634	0.001823
1732	0.9D+1E	Combination	Min	-30.273355	-10.662759	-5.556621	-0.000642	-0.001809
1732	1.2D+1L+1Ey	Combination	Max	8.021595	19.084154	1.160730	0.001240	0.000480
1732	1.2D+1L+1Ey	Combination	Min	-7.639686	-19.454391	-3.548677	-0.001255	-0.000456
1732	0.9D+1Ey	Combination	Max	7.943681	19.172469	1.532571	0.001244	0.000475
1732	0.9D+1Ey	Combination	Min	-7.717599	-19.366076	-3.176837	-0.001251	-0.000461
1732	1D+0.5L	Combination		0.145718	-0.135583	-0.962379	-5.622E-06	9.119E-06
1733	1.4D	Combination		0.137666	-0.099622	-1.443750	0.000011	0.000012
1733	1.2D+1.6L	Combination		0.167497	-0.137004	-1.454981	0.000014	0.000014
1733	1.2D+1L+1E	Combination	Max	31.873752	6.812835	0.073902	0.000454	0.001929
1733	1.2D+1L+1E	Combination	Min	-31.575880	-7.048132	-2.820753	-0.000429	-0.001905
1733	0.9D+1E	Combination	Max	31.813316	6.866441	0.519203	0.000449	0.001924
1733	0.9D+1E	Combination	Min	-31.636316	-6.994526	-2.375453	-0.000434	-0.001909
1733	1.2D+1L+1Ey	Combination	Max	8.345280	19.169101	1.303497	0.001239	0.000506
1733	1.2D+1L+1Ey	Combination	Min	-8.047409	-19.404399	-4.050349	-0.001214	-0.000482
1733	0.9D+1Ey	Combination	Max	8.284844	19.222707	1.748798	0.001234	0.000501
1733	0.9D+1Ey	Combination	Min	-8.107845	-19.350792	-3.605048	-0.001220	-0.000487
1733	1D+0.5L	Combination		0.113801	-0.087288	-1.099213	9.416E-06	9.394E-06
1734	1.4D	Combination		0.162066	-0.114559	-1.470476	2.181E-06	0.000013
1734	1.2D+1.6L	Combination		0.192145	-0.147477	-1.487104	-5.620E-06	0.000016
1734	1.2D+1L+1E	Combination	Max	31.898091	6.669284	1.678837	0.000365	0.001911
1734	1.2D+1L+1E	Combination	Min	-31.553724	-6.927276	-4.483023	-0.000371	-0.001883
1734	0.9D+1E	Combination	Max	31.830093	6.724635	2.135624	0.000369	0.001905
1734	0.9D+1E	Combination	Min	-31.621722	-6.871925	-4.026236	-0.000367	-0.001888
1734	1.2D+1L+1Ey	Combination	Max	8.367834	19.169246	1.363883	0.001020	0.000503
1734	1.2D+1L+1Ey	Combination	Min	-8.023467	-19.427238	-4.168068	-0.001025	-0.000475
1734	0.9D+1Ey	Combination	Max	8.299836	19.224596	1.820670	0.001024	0.000497
1734	0.9D+1Ey	Combination	Min	-8.091465	-19.371887	-3.711281	-0.001021	-0.000480
1734	1D+0.5L	Combination		0.132396	-0.097229	-1.121182	-7.824E-07	0.000011
1735	1.4D	Combination		0.149767	-0.148027	-1.490774	0.000011	0.000014
1735	1.2D+1.6L	Combination		0.189218	-0.186074	-1.514696	0.000013	0.000017
1735	1.2D+1L+1E	Combination	Max	30.630106	6.768546	0.177265	0.000454	0.001854
1735	1.2D+1L+1E	Combination	Min	-30.297305	-7.096299	-3.028989	-0.000431	-0.001824
1735	0.9D+1E	Combination	Max	30.559985	6.837262	0.644773	0.000449	0.001848
1735	0.9D+1E	Combination	Min	-30.367427	-7.027582	-2.561482	-0.000436	-0.001831
1735	1.2D+1L+1Ey	Combination	Max	8.013786	19.123626	1.191177	0.001243	0.000488
1735	1.2D+1L+1Ey	Combination	Min	-7.680985	-19.451379	-4.042901	-0.001220	-0.000458
1735	0.9D+1Ey	Combination	Max	7.943665	19.192343	1.658684	0.001238	0.000482
1735	0.9D+1Ey	Combination	Min	-7.751107	-19.382663	-3.575393	-0.001224	-0.000464
1735	1D+0.5L	Combination		0.125991	-0.124232	-1.138866	8.798E-06	0.000011
1736	1.4D	Combination		0.173772	-0.119687	-1.522915	-7.306E-06	0.000016
1736	1.2D+1.6L	Combination		0.213691	-0.152680	-1.553773	3.762E-06	0.000019
1736	1.2D+1L+1E	Combination	Max	30.653410	6.664220	1.251776	0.000373	0.001811
1736	1.2D+1L+1E	Combination	Min	-30.274586	-6.932011	-4.173010	-0.000373	-0.001776
1736	0.9D+1E	Combination	Max	30.575708	6.721174	1.733376	0.000369	0.001804
1736	0.9D+1E	Combination	Min	-30.352288	-6.875057	-3.691410	-0.000378	-0.001783

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1736	1.2D+1L+1Ey	Combination	Max	8.037417	19.163622	1.170508	0.001056	0.000479
1736	1.2D+1L+1Ey	Combination	Min	-7.658593	-19.431413	-4.091742	-0.001056	-0.000445
1736	0.9D+1Ey	Combination	Max	7.959715	19.220576	1.652108	0.001051	0.000472
1736	0.9D+1Ey	Combination	Min	-7.736295	-19.374459	-3.610142	-0.001060	-0.000452
1736	1D+0.5L	Combination		0.144355	-0.101144	-1.165427	-2.086E-06	0.000013
1737	1.4D	Combination		0.157385	-0.031206	-1.412886	7.321E-06	7.911E-06
1737	1.2D+1.6L	Combination		0.187358	-0.014529	-1.433188	6.476E-06	8.650E-06
1737	1.2D+1L+1E	Combination	Max	31.887276	12.974828	0.446732	0.000747	0.001845
1737	1.2D+1L+1E	Combination	Min	-31.551903	-13.013050	-3.146501	-0.000735	-0.001829
1737	0.9D+1E	Combination	Max	31.820765	12.973878	0.888333	0.000746	0.001842
1737	0.9D+1E	Combination	Min	-31.618413	-13.014000	-2.704901	-0.000736	-0.001832
1737	1.2D+1L+1Ey	Combination	Max	8.362088	19.680348	1.532336	0.001189	0.000482
1737	1.2D+1L+1Ey	Combination	Min	-8.026715	-19.718570	-4.232104	-0.001177	-0.000467
1737	0.9D+1Ey	Combination	Max	8.295578	19.679398	1.973936	0.001188	0.000480
1737	0.9D+1Ey	Combination	Min	-8.093226	-19.719520	-3.790504	-0.001178	-0.000469
1737	1D+0.5L	Combination		0.128810	-0.018472	-1.078624	5.292E-06	6.235E-06
1738	1.4D	Combination		0.196776	-0.075897	-1.439811	7.711E-06	9.381E-06
1738	1.2D+1.6L	Combination		0.236161	-0.059825	-1.456751	7.752E-06	0.000012
1738	1.2D+1L+1E	Combination	Max	30.595080	12.945101	1.205130	0.000780	0.001852
1738	1.2D+1L+1E	Combination	Min	-30.173379	-13.068673	-3.951661	-0.000765	-0.001830
1738	0.9D+1E	Combination	Max	30.510729	12.958097	1.652802	0.000778	0.001847
1738	0.9D+1E	Combination	Min	-30.257731	-13.055678	-3.503988	-0.000768	-0.001835
1738	1.2D+1L+1Ey	Combination	Max	8.038354	19.647326	1.111590	0.001238	0.000484
1738	1.2D+1L+1Ey	Combination	Min	-7.616654	-19.770899	-3.858121	-0.001223	-0.000463
1738	0.9D+1Ey	Combination	Max	7.954003	19.660322	1.559262	0.001235	0.000480
1738	0.9D+1Ey	Combination	Min	-7.701005	-19.757903	-3.410448	-0.001225	-0.000468
1738	1D+0.5L	Combination		0.161647	-0.052578	-1.098008	5.865E-06	8.042E-06
1739	1.4D	Combination		0.291264	-0.211742	-1.556102	0.000025	0.000016
1739	1.2D+1.6L	Combination		0.379112	-0.273080	-1.596798	0.000036	0.000022
1739	1.2D+1L+1E	Combination	Max	27.223785	8.736246	3.321914	0.000596	0.001633
1739	1.2D+1L+1E	Combination	Min	-26.562654	-9.213716	-6.318262	-0.000534	-0.001596
1739	0.9D+1E	Combination	Max	27.080461	8.838861	3.819737	0.000581	0.001625
1739	0.9D+1E	Combination	Min	-26.705979	-9.111101	-5.820439	-0.000549	-0.001604
1739	1.2D+1L+1Ey	Combination	Max	7.269700	19.198103	0.796088	0.001206	0.000435
1739	1.2D+1L+1Ey	Combination	Min	-6.608570	-19.675573	-3.792436	-0.001145	-0.000397
1739	0.9D+1Ey	Combination	Max	7.126376	19.300718	1.293911	0.001191	0.000426
1739	0.9D+1Ey	Combination	Min	-6.751894	-19.572958	-3.294613	-0.001159	-0.000406
1739	1D+0.5L	Combination		0.248501	-0.179865	-1.193688	0.000023	0.000014
1740	1.4D	Combination		0.238344	-0.201169	-1.486309	0.000016	0.000020
1740	1.2D+1.6L	Combination		0.325124	-0.271084	-1.504131	0.000021	0.000026
1740	1.2D+1L+1E	Combination	Max	27.156900	9.995746	0.385702	0.000664	0.001652
1740	1.2D+1L+1E	Combination	Min	-26.597274	-10.463924	-3.221350	-0.000627	-0.001607
1740	0.9D+1E	Combination	Max	27.030308	10.100512	0.848042	0.000656	0.001642
1740	0.9D+1E	Combination	Min	-26.723866	-10.359158	-2.759011	-0.000635	-0.001616
1740	1.2D+1L+1Ey	Combination	Max	7.214070	19.264149	0.601022	0.001272	0.000442
1740	1.2D+1L+1Ey	Combination	Min	-6.654444	-19.732327	-3.436671	-0.001236	-0.000397

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1740	0.9D+1Ey	Combination	Max	7.087478	19.368915	1.063362	0.001264	0.000432
1740	0.9D+1Ey	Combination	Min	-6.781036	-19.627561	-2.974331	-0.001244	-0.000407
1740	1D+0.5L	Combination		0.208005	-0.174521	-1.133572	0.000014	0.000017
1741	1.4D	Combination		0.299443	-0.254425	-1.564967	0.000020	-0.000040
1741	1.2D+1.6L	Combination		0.397862	-0.325459	-1.609343	0.000027	-0.000051
1741	1.2D+1L+1E	Combination	Max	27.114825	9.952006	1.125031	0.000662	0.001184
1741	1.2D+1L+1E	Combination	Min	-26.424999	-10.522389	-4.142761	-0.000615	-0.001274
1741	0.9D+1E	Combination	Max	26.962411	10.073639	1.627845	0.000651	0.001203
1741	0.9D+1E	Combination	Min	-26.577413	-10.400757	-3.639946	-0.000625	-0.001254
1741	1.2D+1L+1Ey	Combination	Max	7.289326	19.220565	2.190979	0.001259	0.000285
1741	1.2D+1L+1Ey	Combination	Min	-6.599500	-19.790948	-5.208708	-0.001212	-0.000374
1741	0.9D+1Ey	Combination	Max	7.136912	19.342198	2.693793	0.001249	0.000304
1741	0.9D+1Ey	Combination	Min	-6.751914	-19.669316	-4.705894	-0.001223	-0.000355
1741	1D+0.5L	Combination		0.258012	-0.215289	-1.201566	0.000018	-0.000034
1742	1.4D	Combination		0.282484	-0.124378	-1.396832	-0.000027	0.000020
1742	1.2D+1.6L	Combination		0.370080	-0.157243	-1.427884	-0.000037	0.000026
1742	1.2D+1L+1E	Combination	Max	27.284728	6.660372	1.331763	0.000339	0.001622
1742	1.2D+1L+1E	Combination	Min	-26.640531	-6.936883	-4.014582	-0.000403	-0.001576
1742	0.9D+1E	Combination	Max	27.144227	6.718670	1.775209	0.000353	0.001612
1742	0.9D+1E	Combination	Min	-26.781033	-6.878585	-3.571136	-0.000388	-0.001586
1742	1.2D+1L+1Ey	Combination	Max	7.278862	19.162178	1.446632	0.001019	0.000435
1742	1.2D+1L+1Ey	Combination	Min	-6.634665	-19.438689	-4.129450	-0.001082	-0.000390
1742	0.9D+1Ey	Combination	Max	7.138361	19.220476	1.890078	0.001033	0.000425
1742	0.9D+1Ey	Combination	Min	-6.775167	-19.380391	-3.686004	-0.001068	-0.000400
1742	1D+0.5L	Combination		0.241759	-0.104664	-1.069800	-0.000024	0.000017
1743	1.4D	Combination		0.258338	-0.116697	-1.356308	0.000011	0.000019
1743	1.2D+1.6L	Combination		0.345468	-0.154195	-1.374126	0.000014	0.000025
1743	1.2D+1L+1E	Combination	Max	27.258534	6.795127	0.062051	0.000453	0.001657
1743	1.2D+1L+1E	Combination	Min	-26.660625	-7.062890	-2.651621	-0.000429	-0.001614
1743	0.9D+1E	Combination	Max	27.125653	6.853989	0.484923	0.000448	0.001647
1743	0.9D+1E	Combination	Min	-26.793505	-7.004028	-2.228749	-0.000434	-0.001624
1743	1.2D+1L+1Ey	Combination	Max	7.254360	19.182692	1.458074	0.001240	0.000443
1743	1.2D+1L+1Ey	Combination	Min	-6.656451	-19.450455	-4.047643	-0.001215	-0.000400
1743	0.9D+1Ey	Combination	Max	7.121480	19.241554	1.880946	0.001234	0.000433
1743	0.9D+1Ey	Combination	Min	-6.789331	-19.391593	-3.624771	-0.001221	-0.000409
1743	1D+0.5L	Combination		0.223288	-0.100283	-1.034909	9.146E-06	0.000016
1744	1.4D	Combination		0.294035	-0.165408	-1.402347	9.957E-06	0.000021
1744	1.2D+1.6L	Combination		0.392276	-0.203943	-1.434133	0.000013	0.000027
1744	1.2D+1L+1E	Combination	Max	27.115737	6.749118	0.049324	0.000451	0.001629
1744	1.2D+1L+1E	Combination	Min	-26.436370	-7.110382	-2.743500	-0.000428	-0.001581
1744	0.9D+1E	Combination	Max	26.965076	6.823416	0.494903	0.000446	0.001618
1744	0.9D+1E	Combination	Min	-26.587031	-7.036084	-2.297921	-0.000433	-0.001592
1744	1.2D+1L+1Ey	Combination	Max	7.285948	19.137317	1.418742	0.001236	0.000439
1744	1.2D+1L+1Ey	Combination	Min	-6.606580	-19.498581	-4.112918	-0.001213	-0.000392
1744	0.9D+1Ey	Combination	Max	7.135286	19.211615	1.864321	0.001231	0.000429
1744	0.9D+1Ey	Combination	Min	-6.757242	-19.424283	-3.667339	-0.001218	-0.000402
1744	1D+0.5L	Combination		0.253852	-0.137575	-1.074215	8.521E-06	0.000018
1745	1.4D	Combination		0.316299	-0.128609	-1.445894	0.000013	0.000021

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1745	1.2D+1.6L	Combination		0.415208	-0.161485	-1.492509	0.000017	0.000029
1745	1.2D+1L+1E	Combination	Max	27.137495	6.657435	1.194376	0.000434	0.001603
1745	1.2D+1L+1E	Combination	Min	-26.415149	-6.941969	-3.989515	-0.000404	-0.001553
1745	0.9D+1E	Combination	Max	26.979657	6.717025	1.662443	0.000427	0.001592
1745	0.9D+1E	Combination	Min	-26.572987	-6.882379	-3.521449	-0.000410	-0.001564
1745	1.2D+1L+1Ey	Combination	Max	7.306608	19.161215	1.406030	0.001198	0.000433
1745	1.2D+1L+1Ey	Combination	Min	-6.584263	-19.445749	-4.201170	-0.001168	-0.000384
1745	0.9D+1Ey	Combination	Max	7.148771	19.220805	1.874097	0.001192	0.000422
1745	0.9D+1Ey	Combination	Min	-6.742100	-19.386159	-3.733103	-0.001175	-0.000395
1745	1D+0.5L	Combination		0.270958	-0.107879	-1.111897	0.000011	0.000018
1746	1.4D	Combination		0.272919	-0.004619	-1.200816	0.000016	0.000020
1746	1.2D+1.6L	Combination		0.361062	0.009736	-1.124968	0.000024	0.000026
1746	1.2D+1L+1E	Combination	Max	27.157685	10.793639	3.627243	0.000677	0.001635
1746	1.2D+1L+1E	Combination	Min	-26.530910	-10.784439	-5.805406	-0.000638	-0.001589
1746	0.9D+1E	Combination	Max	27.019746	10.786070	3.944372	0.000668	0.001625
1746	0.9D+1E	Combination	Min	-26.668849	-10.792009	-5.488278	-0.000647	-0.001599
1746	1.2D+1L+1Ey	Combination	Max	7.240711	19.212100	1.007376	0.001172	0.000438
1746	1.2D+1L+1Ey	Combination	Min	-6.613936	-19.202901	-3.185539	-0.001132	-0.000392
1746	0.9D+1Ey	Combination	Max	7.102772	19.204531	1.324505	0.001162	0.000428
1746	0.9D+1Ey	Combination	Min	-6.751875	-19.210470	-2.868411	-0.001142	-0.000402
1746	1D+0.5L	Combination		0.234671	0.000980	-0.887631	0.000015	0.000017
1747	1.4D	Combination		0.316386	0.030656	-1.269263	2.288E-06	0.000015
1747	1.2D+1.6L	Combination		0.402279	0.054255	-1.215948	8.765E-07	0.000021
1747	1.2D+1L+1E	Combination	Max	27.180798	12.194782	0.767077	0.000760	0.001653
1747	1.2D+1L+1E	Combination	Min	-26.474559	-12.107256	-3.102967	-0.000757	-0.001617
1747	0.9D+1E	Combination	Max	27.031069	12.170726	1.119067	0.000760	0.001644
1747	0.9D+1E	Combination	Min	-26.624288	-12.131311	-2.750977	-0.000757	-0.001625
1747	1.2D+1L+1Ey	Combination	Max	7.277417	19.184948	0.649913	0.001237	0.000439
1747	1.2D+1L+1Ey	Combination	Min	-6.571178	-19.097422	-2.985803	-0.001235	-0.000403
1747	0.9D+1Ey	Combination	Max	7.127688	19.160892	1.001903	0.001238	0.000431
1747	0.9D+1Ey	Combination	Min	-6.720906	-19.121477	-2.633813	-0.001235	-0.000411
1747	1D+0.5L	Combination		0.266956	0.030640	-0.946619	1.295E-06	0.000013
1748	1.4D	Combination		0.294018	-0.020779	-1.278834	2.629E-06	6.799E-06
1748	1.2D+1.6L	Combination		0.393587	0.004845	-1.220824	1.757E-06	7.956E-06
1748	1.2D+1L+1E	Combination	Max	27.134409	12.159711	1.937063	0.000761	0.001495
1748	1.2D+1L+1E	Combination	Min	-26.453414	-12.167012	-4.285200	-0.000757	-0.001480
1748	0.9D+1E	Combination	Max	26.982923	12.150004	2.289024	0.000761	0.001492
1748	0.9D+1E	Combination	Min	-26.604900	-12.176720	-3.933239	-0.000757	-0.001483
1748	1.2D+1L+1Ey	Combination	Max	7.291025	19.153924	2.663033	0.001235	0.000408
1748	1.2D+1L+1Ey	Combination	Min	-6.610030	-19.161225	-5.011171	-0.001231	-0.000393
1748	0.9D+1Ey	Combination	Max	7.139539	19.144217	3.014995	0.001235	0.000405
1748	0.9D+1Ey	Combination	Min	-6.761516	-19.170933	-4.659210	-0.001231	-0.000396
1748	1D+0.5L	Combination		0.254254	-0.007762	-0.952415	1.723E-06	5.521E-06
1749	1.4D	Combination		0.184290	-0.195497	-1.281787	0.000017	0.000028
1749	1.2D+1.6L	Combination		0.222065	-0.290826	-1.214050	0.000022	0.000037
1749	1.2D+1L+1E	Combination	Max	37.875194	14.168846	0.944087	0.000767	0.001968
1749	1.2D+1L+1E	Combination	Min	-37.479142	-14.658056	-3.285656	-0.000728	-0.001904
1749	0.9D+1E	Combination	Max	37.795640	14.287774	1.290865	0.000758	0.001954

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1749	0.9D+1E	Combination	Min	-37.558696	-14.539128	-2.938878	-0.000737	-0.001918
1749	1.2D+1L+1Ey	Combination	Max	9.925678	22.995711	2.206577	0.001294	0.000531
1749	1.2D+1L+1Ey	Combination	Min	-9.529625	-23.484920	-4.548146	-0.001255	-0.000466
1749	0.9D+1Ey	Combination	Max	9.846124	23.114639	2.553355	0.001285	0.000516
1749	0.9D+1Ey	Combination	Min	-9.609179	-23.365992	-4.201368	-0.001263	-0.000481
1749	1D+0.5L	Combination		0.151668	-0.178159	-0.951617	0.000014	0.000024
1750	1.4D	Combination		0.175734	-0.238127	-1.352772	0.000017	0.000012
1750	1.2D+1.6L	Combination		0.225853	-0.331770	-1.310511	0.000024	0.000016
1750	1.2D+1L+1E	Combination	Max	36.330263	14.140950	1.523070	0.000788	0.001903
1750	1.2D+1L+1E	Combination	Min	-35.934975	-14.708745	-4.030848	-0.000747	-0.001875
1750	0.9D+1E	Combination	Max	36.245591	14.271766	1.907320	0.000779	0.001897
1750	0.9D+1E	Combination	Min	-36.019647	-14.577929	-3.646599	-0.000757	-0.001881
1750	1.2D+1L+1Ey	Combination	Max	9.503337	22.959383	1.105190	0.001328	0.000500
1750	1.2D+1L+1Ey	Combination	Min	-9.108049	-23.527177	-3.612968	-0.001288	-0.000472
1750	0.9D+1Ey	Combination	Max	9.418665	23.090198	1.489440	0.001319	0.000494
1750	0.9D+1Ey	Combination	Min	-9.192721	-23.396362	-3.228719	-0.001297	-0.000478
1750	1D+0.5L	Combination		0.149032	-0.209985	-1.013451	0.000015	0.000011
1751	1.4D	Combination		0.217360	-0.195690	-1.410561	-3.993E-06	0.000018
1751	1.2D+1.6L	Combination		0.266497	-0.279950	-1.381809	-7.386E-06	0.000021
1751	1.2D+1L+1E	Combination	Max	36.369617	12.372056	3.537992	0.000655	0.001894
1751	1.2D+1L+1E	Combination	Min	-35.896765	-12.847795	-6.172043	-0.000667	-0.001857
1751	0.9D+1E	Combination	Max	36.272922	12.484124	3.948229	0.000658	0.001887
1751	0.9D+1E	Combination	Min	-35.993460	-12.735726	-5.761807	-0.000664	-0.001864
1751	1.2D+1L+1Ey	Combination	Max	9.543117	22.975771	1.175123	0.001301	0.000501
1751	1.2D+1L+1Ey	Combination	Min	-9.070265	-23.451510	-3.809173	-0.001313	-0.000464
1751	0.9D+1Ey	Combination	Max	9.446422	23.087840	1.585359	0.001305	0.000494
1751	0.9D+1Ey	Combination	Min	-9.166960	-23.339441	-3.398937	-0.001310	-0.000471
1751	1D+0.5L	Combination		0.180316	-0.174846	-1.061530	-4.091E-06	0.000014
1752	1.4D	Combination		0.177230	-0.134452	-1.590190	0.000012	0.000012
1752	1.2D+1.6L	Combination		0.214790	-0.181504	-1.602631	0.000015	0.000015
1752	1.2D+1L+1E	Combination	Max	37.874923	8.178000	0.004667	0.000477	0.001977
1752	1.2D+1L+1E	Combination	Min	-37.492502	-8.491314	-3.030221	-0.000450	-0.001951
1752	0.9D+1E	Combination	Max	37.797647	8.248223	0.495179	0.000471	0.001972
1752	0.9D+1E	Combination	Min	-37.569779	-8.421091	-2.539709	-0.000455	-0.001956
1752	1.2D+1L+1Ey	Combination	Max	9.920308	23.035918	1.296556	0.001301	0.000519
1752	1.2D+1L+1Ey	Combination	Min	-9.537887	-23.349232	-4.322109	-0.001274	-0.000493
1752	0.9D+1Ey	Combination	Max	9.843032	23.106142	1.787068	0.001295	0.000514
1752	0.9D+1Ey	Combination	Min	-9.615164	-23.279009	-3.831597	-0.001279	-0.000498
1752	1D+0.5L	Combination		0.146243	-0.116743	-1.210728	0.000010	0.000010
1753	1.4D	Combination		0.200222	-0.145922	-1.618967	-2.036E-06	0.000014
1753	1.2D+1.6L	Combination		0.238010	-0.187440	-1.637352	-9.903E-06	0.000017
1753	1.2D+1L+1E	Combination	Max	37.895353	8.009491	1.602910	0.000377	0.001962
1753	1.2D+1L+1E	Combination	Min	-37.469127	-8.337598	-4.690364	-0.000391	-0.001931
1753	0.9D+1E	Combination	Max	37.810954	8.079737	2.105873	0.000383	0.001956
1753	0.9D+1E	Combination	Min	-37.553526	-8.267351	-4.187401	-0.000385	-0.001937
1753	1.2D+1L+1Ey	Combination	Max	9.940919	23.035882	1.362474	0.001062	0.000516

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1753	1.2D+1L+1Ey	Combination	Min	-9.514693	-23.363989	-4.449929	-0.001076	-0.000486
1753	0.9D+1Ey	Combination	Max	9.856520	23.106128	1.865437	0.001068	0.000510
1753	0.9D+1Ey	Combination	Min	-9.599092	-23.293742	-3.946966	-0.001071	-0.000492
1753	1D+0.5L	Combination		0.163763	-0.123719	-1.234425	-4.004E-06	0.000012
1754	1.4D	Combination		0.192913	-0.180244	-1.644111	0.000011	0.000015
1754	1.2D+1.6L	Combination		0.242141	-0.227935	-1.670869	0.000014	0.000018
1754	1.2D+1L+1E	Combination	Max	36.421372	8.135692	0.106637	0.000477	0.001903
1754	1.2D+1L+1E	Combination	Min	-35.994680	-8.536482	-3.252152	-0.000451	-0.001872
1754	0.9D+1E	Combination	Max	36.332041	8.220216	0.622467	0.000471	0.001897
1754	0.9D+1E	Combination	Min	-36.084010	-8.451958	-2.736323	-0.000457	-0.001878
1754	1.2D+1L+1Ey	Combination	Max	9.536104	22.993077	1.176453	0.001304	0.000501
1754	1.2D+1L+1Ey	Combination	Min	-9.109412	-23.393867	-4.321968	-0.001279	-0.000469
1754	0.9D+1Ey	Combination	Max	9.446774	23.077601	1.692282	0.001299	0.000494
1754	0.9D+1Ey	Combination	Min	-9.198743	-23.309343	-3.806139	-0.001284	-0.000476
1754	1D+0.5L	Combination		0.161791	-0.151696	-1.256125	9.494E-06	0.000012
1755	1.4D	Combination		0.215670	-0.150552	-1.678258	4.242E-06	0.000017
1755	1.2D+1.6L	Combination		0.265360	-0.192135	-1.712582	0.000016	0.000021
1755	1.2D+1L+1E	Combination	Max	36.441651	8.004874	1.158458	0.000402	0.001860
1755	1.2D+1L+1E	Combination	Min	-35.971306	-8.341826	-4.378065	-0.000379	-0.001823
1755	0.9D+1E	Combination	Max	36.345124	8.076567	1.689381	0.000393	0.001852
1755	0.9D+1E	Combination	Min	-36.067834	-8.270133	-3.847141	-0.000388	-0.001831
1755	1.2D+1L+1Ey	Combination	Max	9.558054	23.030843	1.148497	0.001116	0.000493
1755	1.2D+1L+1Ey	Combination	Min	-9.087709	-23.367794	-4.368104	-0.001093	-0.000456
1755	0.9D+1Ey	Combination	Max	9.461526	23.102535	1.679421	0.001107	0.000485
1755	0.9D+1Ey	Combination	Min	-9.184237	-23.296102	-3.837181	-0.001102	-0.000464
1755	1D+0.5L	Combination		0.179206	-0.127253	-1.284404	6.892E-06	0.000014
1756	1.4D	Combination		0.195661	-0.052116	-1.555878	8.759E-06	9.117E-06
1756	1.2D+1.6L	Combination		0.233367	-0.033838	-1.577799	8.060E-06	0.000010
1756	1.2D+1L+1E	Combination	Max	37.888810	15.344631	0.355730	0.000769	0.001894
1756	1.2D+1L+1E	Combination	Min	-37.471320	-15.420433	-3.328187	-0.000753	-0.001875
1756	0.9D+1E	Combination	Max	37.805847	15.349029	0.841751	0.000767	0.001890
1756	0.9D+1E	Combination	Min	-37.554284	-15.416035	-2.842166	-0.000755	-0.001879
1756	1.2D+1L+1Ey	Combination	Max	9.936238	23.563845	1.464882	0.001244	0.000496
1756	1.2D+1L+1Ey	Combination	Min	-9.518748	-23.639646	-4.437339	-0.001229	-0.000478
1756	0.9D+1Ey	Combination	Max	9.853274	23.568242	1.950903	0.001242	0.000493
1756	0.9D+1Ey	Combination	Min	-9.601711	-23.635249	-3.951318	-0.001231	-0.000481
1756	1D+0.5L	Combination		0.160276	-0.033841	-1.187651	6.429E-06	7.217E-06
1757	1.4D	Combination		0.235231	-0.094679	-1.589138	9.066E-06	0.000017
1757	1.2D+1.6L	Combination		0.284257	-0.076987	-1.608385	9.293E-06	0.000020
1757	1.2D+1L+1E	Combination	Max	36.390404	15.315526	1.158282	0.000801	0.001901
1757	1.2D+1L+1E	Combination	Min	-35.883864	-15.472626	-4.190352	-0.000783	-0.001865
1757	0.9D+1E	Combination	Max	36.288354	15.333211	1.652728	0.000798	0.001893
1757	0.9D+1E	Combination	Min	-35.985914	-15.454941	-3.695905	-0.000786	-0.001872
1757	1.2D+1L+1Ey	Combination	Max	9.558044	23.535255	1.132474	0.001293	0.000502
1757	1.2D+1L+1Ey	Combination	Min	-9.051504	-23.692355	-4.164544	-0.001275	-0.000466
1757	0.9D+1Ey	Combination	Max	9.455994	23.552940	1.626920	0.001290	0.000495
1757	0.9D+1Ey	Combination	Min	-9.153554	-23.674670	-3.670097	-0.001278	-0.000473

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1757	1D+0.5L	Combination		0.193844	-0.066326	-1.212057	6.952E-06	0.000014
1758	1.4D	Combination		0.347644	-0.256323	-1.713656	0.000026	0.000023
1758	1.2D+1.6L	Combination		0.454794	-0.332454	-1.758303	0.000037	0.000030
1758	1.2D+1L+1E	Combination	Max	32.381002	10.484716	3.315871	0.000621	0.001695
1758	1.2D+1L+1E	Combination	Min	-31.589024	-11.065063	-6.615385	-0.000557	-0.001644
1758	0.9D+1E	Combination	Max	32.208498	10.610110	3.863992	0.000606	0.001684
1758	0.9D+1E	Combination	Min	-31.761528	-10.939668	-6.067264	-0.000573	-0.001655
1758	1.2D+1L+1Ey	Combination	Max	8.645346	23.092697	0.771574	0.001263	0.000456
1758	1.2D+1L+1Ey	Combination	Min	-7.853368	-23.673043	-4.071088	-0.001200	-0.000404
1758	0.9D+1Ey	Combination	Max	8.472842	23.218091	1.319695	0.001248	0.000445
1758	0.9D+1Ey	Combination	Min	-8.025872	-23.547649	-3.522967	-0.001215	-0.000415
1758	1D+0.5L	Combination		0.297321	-0.218322	-1.314495	0.000023	0.000020
1759	1.4D	Combination		0.297928	-0.251937	-1.640477	0.000017	0.000015
1759	1.2D+1.6L	Combination		0.404071	-0.338692	-1.660629	0.000023	0.000021
1759	1.2D+1L+1E	Combination	Max	32.326133	11.979763	0.307164	0.000693	0.001683
1759	1.2D+1L+1E	Combination	Min	-31.629519	-12.565088	-3.437543	-0.000654	-0.001647
1759	0.9D+1E	Combination	Max	32.169351	12.110466	0.817761	0.000685	0.001675
1759	0.9D+1E	Combination	Min	-31.786301	-12.434385	-2.926946	-0.000663	-0.001655
1759	1.2D+1L+1Ey	Combination	Max	8.595034	23.173146	0.579380	0.001336	0.000446
1759	1.2D+1L+1Ey	Combination	Min	-7.898420	-23.758471	-3.709759	-0.001296	-0.000411
1759	0.9D+1Ey	Combination	Max	8.438252	23.303849	1.089977	0.001327	0.000438
1759	0.9D+1Ey	Combination	Min	-8.055202	-23.627768	-3.199162	-0.001305	-0.000419
1759	1D+0.5L	Combination		0.259276	-0.218313	-1.251303	0.000015	0.000013
1760	1.4D	Combination		0.362618	-0.302654	-1.723608	0.000022	-0.000040
1760	1.2D+1.6L	Combination		0.482762	-0.390484	-1.772261	0.000029	-0.000050
1760	1.2D+1L+1E	Combination	Max	32.216368	11.935438	1.086631	0.000691	0.001221
1760	1.2D+1L+1E	Combination	Min	-31.379804	-12.618107	-4.409991	-0.000641	-0.001309
1760	0.9D+1E	Combination	Max	32.031198	12.082209	1.640277	0.000680	0.001240
1760	0.9D+1E	Combination	Min	-31.564975	-12.471336	-3.856344	-0.000652	-0.001291
1760	1.2D+1L+1Ey	Combination	Max	8.660922	23.127496	2.191659	0.001322	0.000294
1760	1.2D+1L+1Ey	Combination	Min	-7.824357	-23.810164	-5.515019	-0.001272	-0.000383
1760	0.9D+1Ey	Combination	Max	8.475751	23.274267	2.745305	0.001311	0.000313
1760	0.9D+1Ey	Combination	Min	-8.009528	-23.663393	-4.961373	-0.001283	-0.000364
1760	1D+0.5L	Combination		0.312746	-0.257140	-1.323300	0.000019	-0.000034
1761	1.4D	Combination		0.339454	-0.155485	-1.538116	-0.000026	0.000021
1761	1.2D+1.6L	Combination		0.446344	-0.196969	-1.572270	-0.000036	0.000027
1761	1.2D+1L+1E	Combination	Max	32.438928	8.001826	1.269878	0.000357	0.001666
1761	1.2D+1L+1E	Combination	Min	-31.662777	-8.347992	-4.224004	-0.000419	-0.001619
1761	0.9D+1E	Combination	Max	32.269073	8.074954	1.758152	0.000371	0.001656
1761	0.9D+1E	Combination	Min	-31.832633	-8.274864	-3.735730	-0.000405	-0.001629
1761	1.2D+1L+1Ey	Combination	Max	8.654131	23.032709	1.447271	0.001067	0.000447
1761	1.2D+1L+1Ey	Combination	Min	-7.877980	-23.378875	-4.401397	-0.001129	-0.000400
1761	0.9D+1Ey	Combination	Max	8.484276	23.105837	1.935545	0.001082	0.000437
1761	0.9D+1Ey	Combination	Min	-8.047836	-23.305747	-3.913123	-0.001115	-0.000410
1761	1D+0.5L	Combination		0.291024	-0.130966	-1.177993	-0.000023	0.000018
1762	1.4D	Combination		0.316526	-0.151306	-1.496493	0.000012	0.000019
1762	1.2D+1.6L	Combination		0.422971	-0.198538	-1.516619	0.000016	0.000025
1762	1.2D+1L+1E	Combination	Max	32.415829	8.160572	-0.013414	0.000476	0.001701

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1762	1.2D+1L+1E	Combination	Min	-31.683635	-8.506012	-2.844392	-0.000449	-0.001657
1762	0.9D+1E	Combination	Max	32.253213	8.236024	0.453458	0.000470	0.001691
1762	0.9D+1E	Combination	Min	-31.846251	-8.430560	-2.377521	-0.000455	-0.001667
1762	1.2D+1L+1Ey	Combination	Max	8.631304	23.052921	1.459415	0.001302	0.000454
1762	1.2D+1L+1Ey	Combination	Min	-7.899110	-23.398362	-4.317221	-0.001274	-0.000410
1762	0.9D+1Ey	Combination	Max	8.468688	23.128373	1.926286	0.001296	0.000444
1762	0.9D+1Ey	Combination	Min	-8.061726	-23.322909	-3.850349	-0.001280	-0.000420
1762	1D+0.5L	Combination		0.273485	-0.129591	-1.142021	0.000010	0.000016
1763	1.4D	Combination		0.357416	-0.197841	-1.548980	0.000012	0.000022
1763	1.2D+1.6L	Combination		0.477386	-0.246102	-1.584775	0.000015	0.000028
1763	1.2D+1L+1E	Combination	Max	32.215302	8.116597	-0.026479	0.000475	0.001671
1763	1.2D+1L+1E	Combination	Min	-31.388802	-8.551408	-2.950263	-0.000448	-0.001622
1763	0.9D+1E	Combination	Max	32.031820	8.206819	0.466119	0.000469	0.001660
1763	0.9D+1E	Combination	Min	-31.572284	-8.461187	-2.457665	-0.000454	-0.001633
1763	1.2D+1L+1Ey	Combination	Max	8.657193	23.009788	1.417665	0.001298	0.000450
1763	1.2D+1L+1Ey	Combination	Min	-7.830693	-23.444599	-4.394407	-0.001272	-0.000401
1763	0.9D+1Ey	Combination	Max	8.473710	23.100010	1.910263	0.001292	0.000440
1763	0.9D+1Ey	Combination	Min	-8.014175	-23.354378	-3.901809	-0.001277	-0.000412
1763	1D+0.5L	Combination		0.308744	-0.165229	-1.186751	9.863E-06	0.000019
1764	1.4D	Combination		0.378756	-0.159472	-1.593977	0.000015	0.000022
1764	1.2D+1.6L	Combination		0.499391	-0.200959	-1.645514	0.000018	0.000030
1764	1.2D+1L+1E	Combination	Max	32.234752	7.999076	1.114023	0.000454	0.001645
1764	1.2D+1L+1E	Combination	Min	-31.367028	-8.352793	-4.195615	-0.000422	-0.001594
1764	0.9D+1E	Combination	Max	32.044376	8.073417	1.630119	0.000447	0.001633
1764	0.9D+1E	Combination	Min	-31.557404	-8.278452	-3.679518	-0.000428	-0.001605
1764	1.2D+1L+1Ey	Combination	Max	8.676599	23.031974	1.406754	0.001253	0.000444
1764	1.2D+1L+1Ey	Combination	Min	-7.808875	-23.385691	-4.488346	-0.001221	-0.000393
1764	0.9D+1Ey	Combination	Max	8.486223	23.106315	1.922851	0.001246	0.000433
1764	0.9D+1Ey	Combination	Min	-7.999251	-23.311350	-3.972250	-0.001228	-0.000405
1764	1D+0.5L	Combination		0.325147	-0.133992	-1.225820	0.000012	0.000019
1765	1.4D	Combination		0.334835	-0.014279	-1.325818	0.000020	0.000015
1765	1.2D+1.6L	Combination		0.442718	0.001426	-1.242648	0.000028	0.000021
1765	1.2D+1L+1E	Combination	Max	32.316860	12.897078	3.645350	0.000704	0.001686
1765	1.2D+1L+1E	Combination	Min	-31.548211	-12.904474	-6.050971	-0.000656	-0.001650
1765	0.9D+1E	Combination	Max	32.147786	12.891597	3.995849	0.000692	0.001677
1765	0.9D+1E	Combination	Min	-31.717284	-12.909955	-5.700472	-0.000667	-0.001658
1765	1.2D+1L+1Ey	Combination	Max	8.620612	23.106819	1.001527	0.001226	0.000447
1765	1.2D+1L+1Ey	Combination	Min	-7.851963	-23.114215	-3.407149	-0.001178	-0.000412
1765	0.9D+1Ey	Combination	Max	8.451539	23.101338	1.352026	0.001214	0.000439
1765	0.9D+1Ey	Combination	Min	-8.021037	-23.119696	-3.056650	-0.001189	-0.000420
1765	1D+0.5L	Combination		0.287829	-0.005929	-0.980211	0.000018	0.000013
1766	1.4D	Combination		0.375959	0.020849	-1.397570	1.920E-06	0.000022
1766	1.2D+1.6L	Combination		0.481765	0.047371	-1.338558	3.933E-07	0.000029
1766	1.2D+1L+1E	Combination	Max	32.347041	14.577572	0.725341	0.000788	0.001695
1766	1.2D+1L+1E	Combination	Min	-31.503147	-14.504955	-3.296977	-0.000787	-0.001645
1766	0.9D+1E	Combination	Max	32.166782	14.554667	1.112721	0.000789	0.001685
1766	0.9D+1E	Combination	Min	-31.683406	-14.527860	-2.909597	-0.000786	-0.001656

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1766	1.2D+1L+1Ey	Combination	Max	8.657218	23.095105	0.630679	0.001297	0.000455
1766	1.2D+1L+1Ey	Combination	Min	-7.813325	-23.022488	-3.202315	-0.001295	-0.000405
1766	0.9D+1Ey	Combination	Max	8.476959	23.072200	1.018059	0.001297	0.000444
1766	0.9D+1Ey	Combination	Min	-7.993584	-23.045394	-2.814935	-0.001295	-0.000416
1766	1D+0.5L	Combination		0.318390	0.024111	-1.042215	9.799E-07	0.000019
1767	1.4D	Combination		0.356682	-0.028224	-1.415171	2.161E-06	6.792E-06
1767	1.2D+1.6L	Combination		0.477874	0.000190	-1.352576	1.167E-06	7.883E-06
1767	1.2D+1L+1E	Combination	Max	32.234262	14.539914	1.947661	0.000790	0.001535
1767	1.2D+1L+1E	Combination	Min	-31.407625	-14.557821	-4.548134	-0.000787	-0.001520
1767	0.9D+1E	Combination	Max	32.050239	14.530724	2.338145	0.000790	0.001532
1767	0.9D+1E	Combination	Min	-31.591648	-14.567012	-4.157650	-0.000787	-0.001523
1767	1.2D+1L+1Ey	Combination	Max	8.661796	23.060368	2.707480	0.001294	0.000418
1767	1.2D+1L+1Ey	Combination	Min	-7.835159	-23.078275	-5.307953	-0.001291	-0.000404
1767	0.9D+1Ey	Combination	Max	8.477773	23.051178	3.097963	0.001294	0.000415
1767	0.9D+1Ey	Combination	Min	-8.019182	-23.087466	-4.917469	-0.001292	-0.000407
1767	1D+0.5L	Combination		0.308569	-0.012541	-1.054453	1.329E-06	5.496E-06
1768	1.4D	Combination		0.226598	-0.250670	-1.394242	0.000019	0.000029
1768	1.2D+1.6L	Combination		0.272913	-0.365530	-1.320896	0.000025	0.000039
1768	1.2D+1L+1E	Combination	Max	43.972224	16.469540	0.906385	0.000787	0.002000
1768	1.2D+1L+1E	Combination	Min	-43.485412	-17.087598	-3.453803	-0.000743	-0.001933
1768	0.9D+1E	Combination	Max	43.874489	16.617423	1.283796	0.000777	0.001985
1768	0.9D+1E	Combination	Min	-43.583148	-16.939714	-3.076392	-0.000753	-0.001948
1768	1.2D+1L+1Ey	Combination	Max	11.526312	27.048828	2.195285	0.001344	0.000540
1768	1.2D+1L+1Ey	Combination	Min	-11.039500	-27.666885	-4.742703	-0.001300	-0.000473
1768	0.9D+1Ey	Combination	Max	11.428577	27.196711	2.572696	0.001334	0.000525
1768	0.9D+1Ey	Combination	Min	-11.137236	-27.519002	-4.365292	-0.001310	-0.000487
1768	1D+0.5L	Combination		0.186445	-0.226135	-1.035209	0.000016	0.000025
1769	1.4D	Combination		0.222900	-0.291197	-1.473728	0.000019	0.000018
1769	1.2D+1.6L	Combination		0.283743	-0.404461	-1.428004	0.000026	0.000021
1769	1.2D+1L+1E	Combination	Max	42.229650	16.442016	1.502428	0.000808	0.001948
1769	1.2D+1L+1E	Combination	Min	-41.731678	-17.134790	-4.234830	-0.000763	-0.001910
1769	0.9D+1E	Combination	Max	42.123957	16.601205	1.921232	0.000798	0.001940
1769	0.9D+1E	Combination	Min	-41.837371	-16.975601	-3.816026	-0.000773	-0.001917
1769	1.2D+1L+1Ey	Combination	Max	11.055774	27.017071	1.124032	0.001380	0.000515
1769	1.2D+1L+1Ey	Combination	Min	-10.557802	-27.709845	-3.856433	-0.001335	-0.000477
1769	0.9D+1Ey	Combination	Max	10.950081	27.176260	1.542836	0.001370	0.000507
1769	0.9D+1Ey	Combination	Min	-10.663495	-27.550656	-3.437629	-0.001345	-0.000484
1769	1D+0.5L	Combination		0.188179	-0.256393	-1.104166	0.000017	0.000015
1770	1.4D	Combination		0.262836	-0.246734	-1.535480	-2.223E-06	0.000014
1770	1.2D+1.6L	Combination		0.322755	-0.348588	-1.504378	-5.167E-06	0.000018
1770	1.2D+1L+1E	Combination	Max	42.262469	14.409294	3.491803	0.000674	0.001918
1770	1.2D+1L+1E	Combination	Min	-41.690060	-15.003644	-6.359371	-0.000682	-0.001886
1770	0.9D+1E	Combination	Max	42.145231	14.547854	3.938493	0.000677	0.001911
1770	0.9D+1E	Combination	Min	-41.807299	-14.865084	-5.912682	-0.000680	-0.001892
1770	1.2D+1L+1Ey	Combination	Max	11.092669	27.016949	1.175100	0.001350	0.000505
1770	1.2D+1L+1Ey	Combination	Min	-10.520260	-27.611300	-4.042668	-0.001358	-0.000473

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1770	0.9D+1Ey	Combination	Max	10.975430	27.155510	1.621789	0.001353	0.000499
1770	0.9D+1Ey	Combination	Min	-10.637499	-27.472739	-3.595979	-0.001355	-0.000480
1770	1D+0.5L	Combination		0.218198	-0.219083	-1.155601	-2.607E-06	0.000012
1771	1.4D	Combination		0.219807	-0.174891	-1.728251	0.000014	0.000013
1771	1.2D+1.6L	Combination		0.265910	-0.232857	-1.741786	0.000018	0.000016
1771	1.2D+1L+1E	Combination	Max	43.971116	9.589875	-0.068781	0.000496	0.002011
1771	1.2D+1L+1E	Combination	Min	-43.497425	-9.993376	-3.219469	-0.000464	-0.001982
1771	0.9D+1E	Combination	Max	43.875575	9.679195	0.464326	0.000489	0.002005
1771	0.9D+1E	Combination	Min	-43.592966	-9.904055	-2.686363	-0.000470	-0.001988
1771	1.2D+1L+1Ey	Combination	Max	11.520881	27.044328	1.271383	0.001350	0.000529
1771	1.2D+1L+1Ey	Combination	Min	-11.047189	-27.447829	-4.559633	-0.001318	-0.000500
1771	0.9D+1Ey	Combination	Max	11.425339	27.133648	1.804490	0.001343	0.000523
1771	0.9D+1Ey	Combination	Min	-11.142731	-27.358508	-4.026527	-0.001324	-0.000506
1771	1D+0.5L	Combination		0.181225	-0.150844	-1.315848	0.000012	0.000011
1772	1.4D	Combination		0.241492	-0.183574	-1.759173	-2.391E-06	0.000015
1772	1.2D+1.6L	Combination		0.287805	-0.234958	-1.779220	-0.000010	0.000018
1772	1.2D+1L+1E	Combination	Max	43.988648	9.395161	1.505069	0.000390	0.001994
1772	1.2D+1L+1E	Combination	Min	-43.473647	-9.806870	-4.859991	-0.000405	-0.001961
1772	0.9D+1E	Combination	Max	43.886392	9.483004	2.051633	0.000396	0.001987
1772	0.9D+1E	Combination	Min	-43.575902	-9.719027	-4.313427	-0.000399	-0.001968
1772	1.2D+1L+1Ey	Combination	Max	11.539861	27.043415	1.340957	0.001101	0.000525
1772	1.2D+1L+1Ey	Combination	Min	-11.024860	-27.455124	-4.695880	-0.001115	-0.000493
1772	0.9D+1Ey	Combination	Max	11.437605	27.131257	1.887521	0.001106	0.000519
1772	0.9D+1Ey	Combination	Min	-11.127116	-27.367281	-4.149316	-0.001109	-0.000499
1772	1D+0.5L	Combination		0.197748	-0.155377	-1.341352	-4.251E-06	0.000012
1773	1.4D	Combination		0.238703	-0.218214	-1.789898	0.000013	0.000016
1773	1.2D+1.6L	Combination		0.298590	-0.276789	-1.819472	0.000017	0.000019
1773	1.2D+1L+1E	Combination	Max	42.309524	9.549535	0.029625	0.000495	0.001937
1773	1.2D+1L+1E	Combination	Min	-41.782835	-10.035802	-3.454614	-0.000466	-0.001903
1773	0.9D+1E	Combination	Max	42.199631	9.652388	0.591471	0.000489	0.001930
1773	0.9D+1E	Combination	Min	-41.892728	-9.932949	-2.892769	-0.000472	-0.001910
1773	1.2D+1L+1Ey	Combination	Max	11.084660	27.003893	1.143437	0.001352	0.000510
1773	1.2D+1L+1Ey	Combination	Min	-10.557971	-27.490161	-4.568426	-0.001323	-0.000476
1773	0.9D+1Ey	Combination	Max	10.974767	27.106746	1.705283	0.001346	0.000503
1773	0.9D+1Ey	Combination	Min	-10.667864	-27.387308	-4.006580	-0.001329	-0.000483
1773	1D+0.5L	Combination		0.199873	-0.183914	-1.367647	0.000011	0.000013
1774	1.4D	Combination		0.260284	-0.187906	-1.825498	0.000011	0.000017
1774	1.2D+1.6L	Combination		0.320627	-0.239346	-1.863213	0.000024	0.000022
1774	1.2D+1L+1E	Combination	Max	42.327598	9.390851	1.046142	0.000422	0.001891
1774	1.2D+1L+1E	Combination	Min	-41.759489	-9.810830	-4.548693	-0.000386	-0.001853
1774	0.9D+1E	Combination	Max	42.210868	9.480044	1.623883	0.000411	0.001883
1774	0.9D+1E	Combination	Min	-41.876218	-9.721637	-3.970952	-0.000397	-0.001861
1774	1.2D+1L+1Ey	Combination	Max	11.105196	27.038798	1.108504	0.001162	0.000501
1774	1.2D+1L+1Ey	Combination	Min	-10.537087	-27.458777	-4.611055	-0.001126	-0.000463
1774	0.9D+1Ey	Combination	Max	10.988467	27.127991	1.686245	0.001151	0.000493
1774	0.9D+1Ey	Combination	Min	-10.653816	-27.369585	-4.033314	-0.001137	-0.000471
1774	1D+0.5L	Combination		0.216394	-0.158682	-1.397209	0.000012	0.000015
1775	1.4D	Combination		0.237235	-0.077851	-1.691470	0.000010	9.746E-06

Table: Joint Displacements, Part 1 of 2

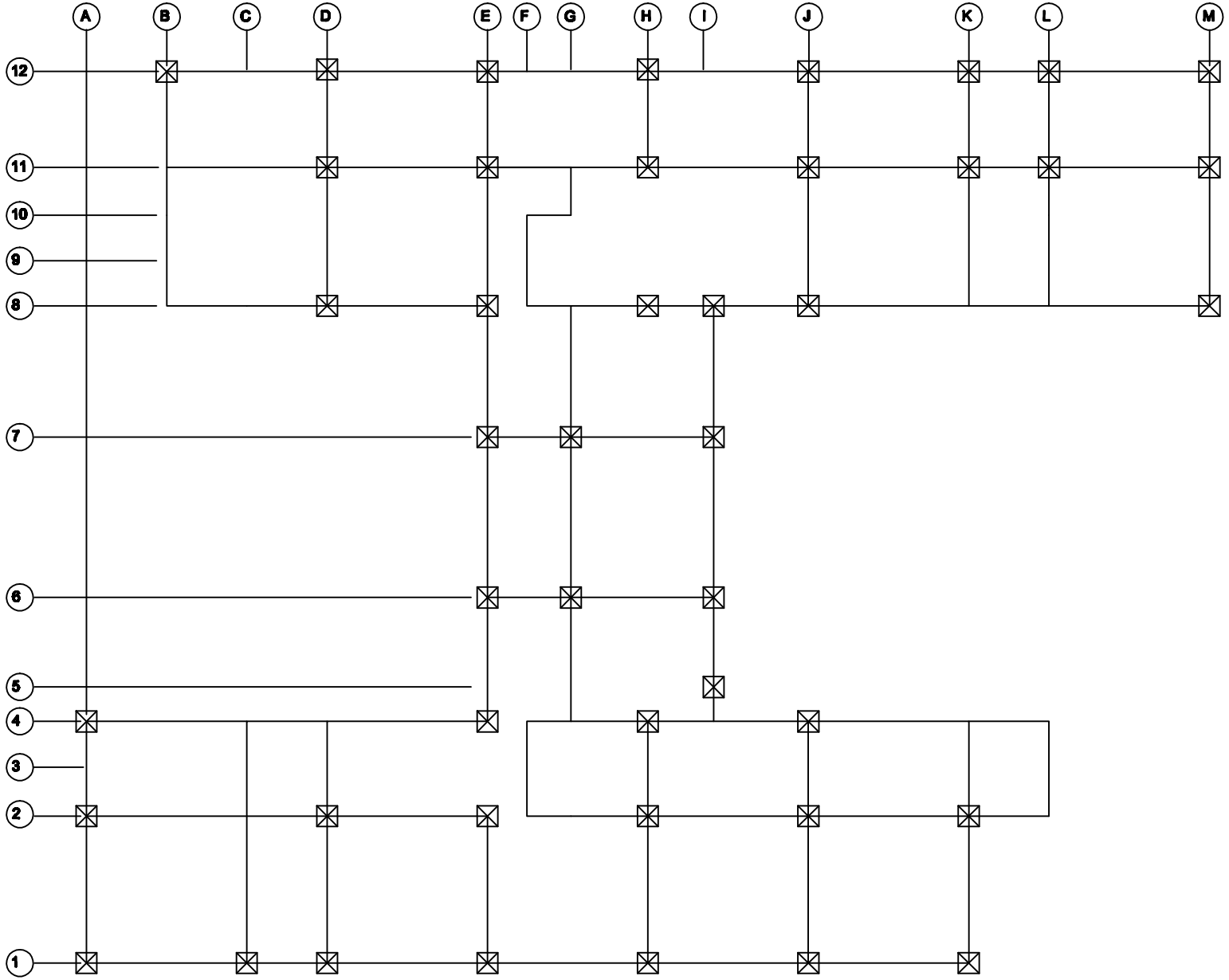
Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1775	1.2D+1.6L	Combination		0.283504	-0.058589	-1.714863	9.818E-06	0.000011
1775	1.2D+1L+1E	Combination	Max	43.984887	17.743774	0.251907	0.000784	0.001924
1775	1.2D+1L+1E	Combination	Min	-43.477999	-17.867058	-3.482859	-0.000765	-0.001904
1775	0.9D+1E	Combination	Max	43.883951	17.755369	0.780009	0.000781	0.001920
1775	0.9D+1E	Combination	Min	-43.578935	-17.855463	-2.954757	-0.000768	-0.001908
1775	1.2D+1L+1Ey	Combination	Max	11.536012	27.573422	1.373169	0.001286	0.000504
1775	1.2D+1L+1Ey	Combination	Min	-11.029123	-27.696705	-4.604122	-0.001267	-0.000485
1775	0.9D+1Ey	Combination	Max	11.435076	27.585016	1.901272	0.001283	0.000501
1775	0.9D+1Ey	Combination	Min	-11.130059	-27.685111	-4.076019	-0.001270	-0.000488
1775	1D+0.5L	Combination		0.194503	-0.053064	-1.291015	7.694E-06	7.742E-06
1776	1.4D	Combination		0.277786	-0.118315	-1.731513	0.000011	0.000013
1776	1.2D+1.6L	Combination		0.337398	-0.099615	-1.753071	0.000011	0.000017
1776	1.2D+1L+1E	Combination	Max	42.283624	17.715148	1.098900	0.000816	0.001937
1776	1.2D+1L+1E	Combination	Min	-41.683300	-17.915726	-4.403353	-0.000795	-0.001907
1776	0.9D+1E	Combination	Max	42.162039	17.739377	1.638011	0.000812	0.001930
1776	0.9D+1E	Combination	Min	-41.804886	-17.891496	-3.864242	-0.000799	-0.001914
1776	1.2D+1L+1Ey	Combination	Max	11.105361	27.547906	1.140119	0.001336	0.000509
1776	1.2D+1L+1Ey	Combination	Min	-10.505037	-27.748484	-4.444573	-0.001315	-0.000479
1776	0.9D+1Ey	Combination	Max	10.983775	27.572136	1.679231	0.001332	0.000502
1776	0.9D+1Ey	Combination	Min	-10.626622	-27.724255	-3.905462	-0.001319	-0.000486
1776	1D+0.5L	Combination		0.229448	-0.083949	-1.320831	8.185E-06	0.000011
1777	1.4D	Combination		0.406869	-0.304429	-1.862880	0.000027	0.000019
1777	1.2D+1.6L	Combination		0.534560	-0.396584	-1.911251	0.000039	0.000026
1777	1.2D+1L+1E	Combination	Max	37.628855	12.289110	3.267119	0.000640	0.001715
1777	1.2D+1L+1E	Combination	Min	-36.699096	-12.980545	-6.853748	-0.000574	-0.001670
1777	0.9D+1E	Combination	Max	37.425534	12.439123	3.862868	0.000625	0.001705
1777	0.9D+1E	Combination	Min	-36.902417	-12.830532	-6.257999	-0.000590	-0.001680
1777	1.2D+1L+1Ey	Combination	Max	10.045956	27.132240	0.733403	0.001308	0.000458
1777	1.2D+1L+1Ey	Combination	Min	-9.116197	-27.823675	-4.320031	-0.001242	-0.000413
1777	0.9D+1Ey	Combination	Max	9.842635	27.282253	1.329152	0.001293	0.000448
1777	0.9D+1Ey	Combination	Min	-9.319518	-27.673662	-3.724283	-0.001258	-0.000423
1777	1D+0.5L	Combination		0.348688	-0.259838	-1.428908	0.000024	0.000017
1778	1.4D	Combination		0.359296	-0.305596	-1.787183	0.000018	0.000020
1778	1.2D+1.6L	Combination		0.486014	-0.410444	-1.809611	0.000024	0.000027
1778	1.2D+1L+1E	Combination	Max	37.582105	14.023691	0.222494	0.000714	0.001725
1778	1.2D+1L+1E	Combination	Min	-36.743611	-14.733200	-3.633411	-0.000673	-0.001679
1778	0.9D+1E	Combination	Max	37.393834	14.181991	0.779050	0.000705	0.001715
1778	0.9D+1E	Combination	Min	-36.931882	-14.574900	-3.076856	-0.000682	-0.001689
1778	1.2D+1L+1Ey	Combination	Max	9.999260	27.226992	0.547950	0.001384	0.000461
1778	1.2D+1L+1Ey	Combination	Min	-9.160766	-27.936501	-3.958867	-0.001342	-0.000415
1778	0.9D+1Ey	Combination	Max	9.810989	27.385291	1.104506	0.001374	0.000451
1778	0.9D+1Ey	Combination	Min	-9.349037	-27.778201	-3.402312	-0.001351	-0.000425
1778	1D+0.5L	Combination		0.312279	-0.264690	-1.363353	0.000015	0.000017
1779	1.4D	Combination		0.427330	-0.353792	-1.874401	0.000022	-0.000039
1779	1.2D+1.6L	Combination		0.570421	-0.459672	-1.927115	0.000030	-0.000049
1779	1.2D+1L+1E	Combination	Max	37.397802	13.979033	1.023294	0.000711	0.001247
1779	1.2D+1L+1E	Combination	Min	-36.410064	-14.781061	-4.637159	-0.000659	-0.001333
1779	0.9D+1E	Combination	Max	37.178645	14.152609	1.625254	0.000700	0.001265

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1779	0.9D+1E	Combination	Min	-36.629221	-14.607485	-4.035199	-0.000671	-0.001315
1779	1.2D+1L+1Ey	Combination	Max	10.053127	27.180051	2.160918	0.001369	0.000301
1779	1.2D+1L+1Ey	Combination	Min	-9.065389	-27.982079	-5.774783	-0.001317	-0.000388
1779	0.9D+1Ey	Combination	Max	9.833970	27.353627	2.762878	0.001357	0.000320
1779	0.9D+1Ey	Combination	Min	-9.284546	-27.808503	-5.172823	-0.001328	-0.000370
1779	1D+0.5L	Combination		0.369029	-0.301591	-1.439010	0.000019	-0.000033
1780	1.4D	Combination		0.397731	-0.190882	-1.672349	-0.000025	0.000021
1780	1.2D+1.6L	Combination		0.525003	-0.242022	-1.709476	-0.000034	0.000029
1780	1.2D+1L+1E	Combination	Max	37.679162	9.389939	1.188173	0.000372	0.001695
1780	1.2D+1L+1E	Combination	Min	-36.767225	-9.815176	-4.400100	-0.000431	-0.001646
1780	0.9D+1E	Combination	Max	37.478878	9.479848	1.719055	0.000385	0.001684
1780	0.9D+1E	Combination	Min	-36.967510	-9.725267	-3.869218	-0.000417	-0.001657
1780	1.2D+1L+1Ey	Combination	Max	10.052068	27.043515	1.425721	0.001107	0.000455
1780	1.2D+1L+1Ey	Combination	Min	-9.140130	-27.468753	-4.637648	-0.001166	-0.000406
1780	0.9D+1Ey	Combination	Max	9.851783	27.133424	1.956603	0.001120	0.000444
1780	0.9D+1Ey	Combination	Min	-9.340415	-27.378844	-4.106766	-0.001152	-0.000417
1780	1D+0.5L	Combination		0.341622	-0.160847	-1.280796	-0.000022	0.000018
1781	1.4D	Combination		0.376046	-0.190685	-1.629250	0.000014	0.000019
1781	1.2D+1.6L	Combination		0.502898	-0.248803	-1.651562	0.000018	0.000026
1781	1.2D+1L+1E	Combination	Max	37.659050	9.573700	-0.093476	0.000495	0.001731
1781	1.2D+1L+1E	Combination	Min	-36.788684	-10.007287	-3.018352	-0.000464	-0.001685
1781	0.9D+1E	Combination	Max	37.465610	9.667910	0.415063	0.000488	0.001721
1781	0.9D+1E	Combination	Min	-36.982123	-9.913077	-2.509813	-0.000470	-0.001696
1781	1.2D+1L+1Ey	Combination	Max	10.030917	27.064373	1.440892	0.001350	0.000462
1781	1.2D+1L+1Ey	Combination	Min	-9.160550	-27.497960	-4.552720	-0.001318	-0.000417
1781	0.9D+1Ey	Combination	Max	9.837477	27.158584	1.949431	0.001343	0.000452
1781	0.9D+1Ey	Combination	Min	-9.353990	-27.403750	-4.044181	-0.001325	-0.000427
1781	1D+0.5L	Combination		0.325033	-0.162878	-1.243457	0.000012	0.000017
1782	1.4D	Combination		0.422119	-0.235112	-1.689485	0.000013	0.000021
1782	1.2D+1.6L	Combination		0.565024	-0.294252	-1.729281	0.000017	0.000029
1782	1.2D+1L+1E	Combination	Max	37.394305	9.531716	-0.109550	0.000493	0.001699
1782	1.2D+1L+1E	Combination	Min	-36.416663	-10.050674	-3.138148	-0.000463	-0.001649
1782	0.9D+1E	Combination	Max	37.176846	9.640052	0.428202	0.000487	0.001688
1782	0.9D+1E	Combination	Min	-36.634122	-9.942338	-2.600397	-0.000469	-0.001660
1782	1.2D+1L+1Ey	Combination	Max	10.048775	27.023448	1.395606	0.001346	0.000457
1782	1.2D+1L+1Ey	Combination	Min	-9.071134	-27.542406	-4.643304	-0.001316	-0.000408
1782	0.9D+1Ey	Combination	Max	9.831317	27.131784	1.933357	0.001339	0.000446
1782	0.9D+1Ey	Combination	Min	-9.288593	-27.434070	-4.105552	-0.001322	-0.000419
1782	1D+0.5L	Combination		0.365016	-0.196914	-1.294635	0.000011	0.000018
1783	1.4D	Combination		0.442360	-0.194576	-1.735211	0.000017	0.000023
1783	1.2D+1.6L	Combination		0.585884	-0.245725	-1.791530	0.000021	0.000031
1783	1.2D+1L+1E	Combination	Max	37.411142	9.387170	1.017116	0.000472	0.001673
1783	1.2D+1L+1E	Combination	Min	-36.394413	-9.819411	-4.372022	-0.000435	-0.001620
1783	0.9D+1E	Combination	Max	37.187152	9.478206	1.579076	0.000464	0.001661
1783	0.9D+1E	Combination	Min	-36.618403	-9.728375	-3.810062	-0.000442	-0.001632
1783	1.2D+1L+1Ey	Combination	Max	10.066738	27.042438	1.387203	0.001299	0.000452

Table: Joint Displacements, Part 1 of 2

Joint	OutputCase	CaseType	StepType	U1	U2	U3	R1	R2
				mm	mm	mm	Radians	Radians
1783	1.2D+1L+1Ey	Combination	Min	-9.050009	-27.474679	-4.742109	-0.001262	-0.000399
1783	0.9D+1Ey	Combination	Max	9.842748	27.133474	1.949163	0.001291	0.000440
1783	0.9D+1Ey	Combination	Min	-9.273999	-27.383643	-4.180149	-0.001270	-0.000411
1783	1D+0.5L	Combination		0.380571	-0.163653	-1.334501	0.000014	0.000020
1784	1.4D	Combination		0.398586	-0.025387	-1.446475	6.578E-06	0.000020
1784	1.2D+1.6L	Combination		0.527444	-0.008820	-1.356610	0.000014	0.000027
1784	1.2D+1L+1E	Combination	Max	37.566214	15.049481	3.615839	0.000708	0.001714
1784	1.2D+1L+1E	Combination	Min	-36.650675	-15.076827	-6.241478	-0.000687	-0.001668
1784	0.9D+1E	Combination	Max	37.364678	15.046834	3.998782	0.000701	0.001704
1784	0.9D+1E	Combination	Min	-36.852211	-15.079474	-5.858536	-0.000693	-0.001678
1784	1.2D+1L+1Ey	Combination	Max	10.024664	27.135214	0.976473	0.001255	0.000458
1784	1.2D+1L+1Ey	Combination	Min	-9.109125	-27.162560	-3.602112	-0.001234	-0.000412
1784	0.9D+1Ey	Combination	Max	9.823128	27.132567	1.359415	0.001248	0.000448
1784	0.9D+1Ey	Combination	Min	-9.310661	-27.165207	-3.219169	-0.001240	-0.000422
1784	1D+0.5L	Combination		0.342766	-0.014090	-1.069688	7.182E-06	0.000017
1785	1.4D	Combination		0.438000	0.004368	-1.517836	7.838E-06	0.000017
1785	1.2D+1.6L	Combination		0.564901	0.032887	-1.453245	7.127E-06	0.000024
1785	1.2D+1L+1E	Combination	Max	37.602407	17.012515	0.678291	0.000813	0.001729
1785	1.2D+1L+1E	Combination	Min	-36.614710	-16.968599	-3.470599	-0.000799	-0.001689
1785	0.9D+1E	Combination	Max	37.390130	16.993365	1.098693	0.000811	0.001720
1785	0.9D+1E	Combination	Min	-36.826987	-16.987749	-3.050197	-0.000801	-0.001698
1785	1.2D+1L+1Ey	Combination	Max	10.061467	27.143064	0.602794	0.001347	0.000460
1785	1.2D+1L+1Ey	Combination	Min	-9.073769	-27.099148	-3.395102	-0.001333	-0.000420
1785	0.9D+1Ey	Combination	Max	9.849189	27.123914	1.023196	0.001345	0.000451
1785	0.9D+1Ey	Combination	Min	-9.286046	-27.118298	-2.974700	-0.001335	-0.000429
1785	1D+0.5L	Combination		0.372067	0.012227	-1.131745	5.726E-06	0.000015
1786	1.4D	Combination		0.417403	-0.042451	-1.547018	7.943E-06	5.407E-06
1786	1.2D+1.6L	Combination		0.560983	-0.012193	-1.480450	7.781E-06	6.219E-06
1786	1.2D+1L+1E	Combination	Max	37.406828	16.972706	1.923893	0.000813	0.001563
1786	1.2D+1L+1E	Combination	Min	-36.437269	-17.015237	-4.768966	-0.000799	-0.001551
1786	0.9D+1E	Combination	Max	37.190379	16.966682	2.351918	0.000811	0.001561
1786	0.9D+1E	Combination	Min	-36.653718	-17.021261	-4.340941	-0.000801	-0.001554
1786	1.2D+1L+1Ey	Combination	Max	10.048783	27.105148	2.713697	0.001343	0.000425
1786	1.2D+1L+1Ey	Combination	Min	-9.079223	-27.147678	-5.558770	-0.001329	-0.000414
1786	0.9D+1Ey	Combination	Max	9.832334	27.099123	3.141722	0.001341	0.000423
1786	0.9D+1Ey	Combination	Min	-9.295672	-27.153703	-5.130745	-0.001331	-0.000416
1786	1D+0.5L	Combination		0.361648	-0.022761	-1.153273	5.977E-06	4.357E-06
1787	1.4D	Combination		0.272205	-0.311833	-1.500893	0.000021	0.000030
1787	1.2D+1.6L	Combination		0.327972	-0.447722	-1.422241	0.000028	0.000040
1787	1.2D+1L+1E	Combination	Max	50.111223	18.796899	0.855056	0.000804	0.002021
1787	1.2D+1L+1E	Combination	Min	-49.526269	-19.557016	-3.597717	-0.000756	-0.001953
1787	0.9D+1E	Combination	Max	49.993735	18.976493	1.261527	0.000793	0.002006
1787	0.9D+1E	Combination	Min	-49.643757	-19.377422	-3.191246	-0.000766	-0.001968
1787	1.2D+1L+1Ey	Combination	Max	13.139317	31.214084	2.161608	0.001387	0.000546
1787	1.2D+1L+1Ey	Combination	Min	-12.554362	-31.974201	-4.904269	-0.001340	-0.000477
1787	0.9D+1Ey	Combination	Max	13.021828	31.393678	2.568079	0.001377	0.000530
1787	0.9D+1Ey	Combination	Min	-12.671851	-31.794607	-4.497798	-0.001350	-0.000492



JURUSAN TEKNIK SIPIL
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TITLE OF WORK

FINAL PROJECT

SUPERVISOR

Ir. FAIMUN, MSc., Ph.D.

STUDENT

FIRNALIA PERDANA P.

DRAWING

BEAMS AND COLUMNS COORDINATES

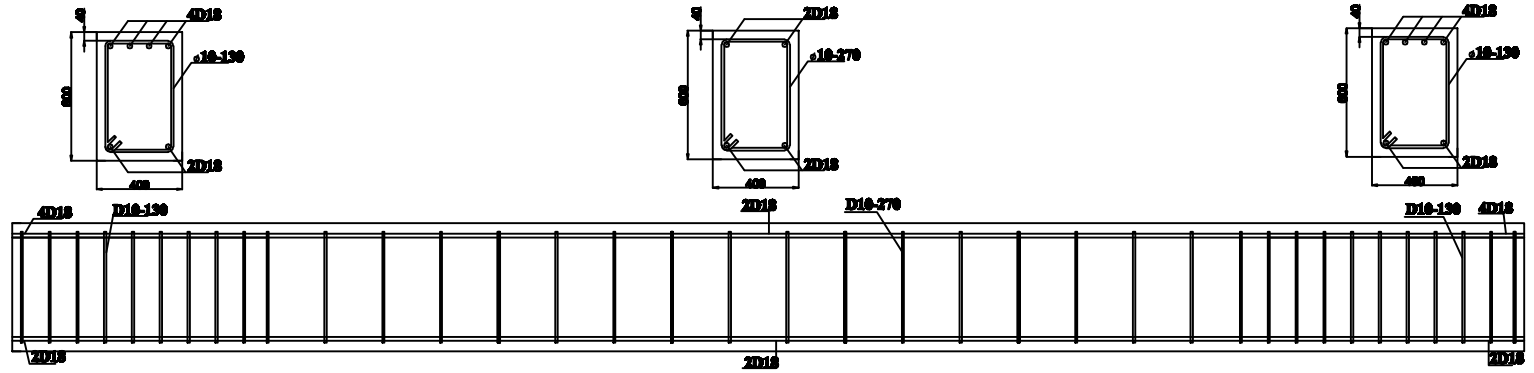
SCALE

1 : 100

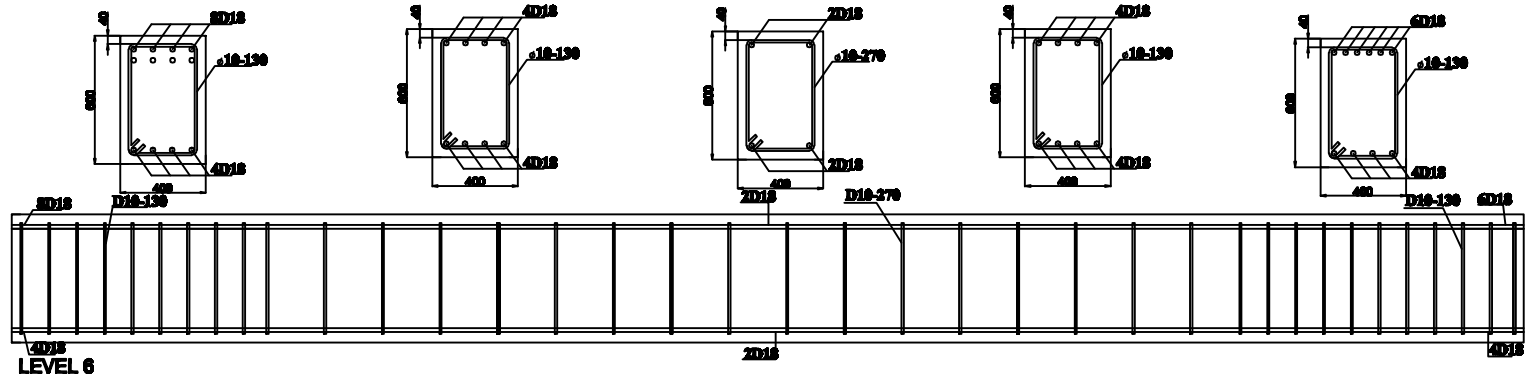
DRAWING NO.

1 | 19

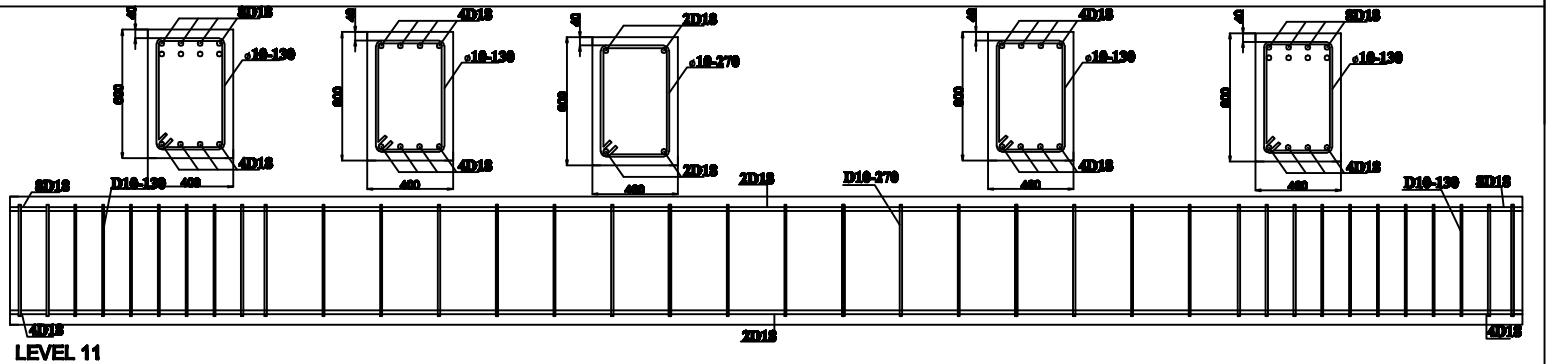
BEAM FB (2-1A)



LEVEL 1



LEVEL 6



LEVEL 11

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SUPERVISOR

Ir. FAIMUN, MSc., Ph.D.

STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL BEAM REINFORCEMENTS

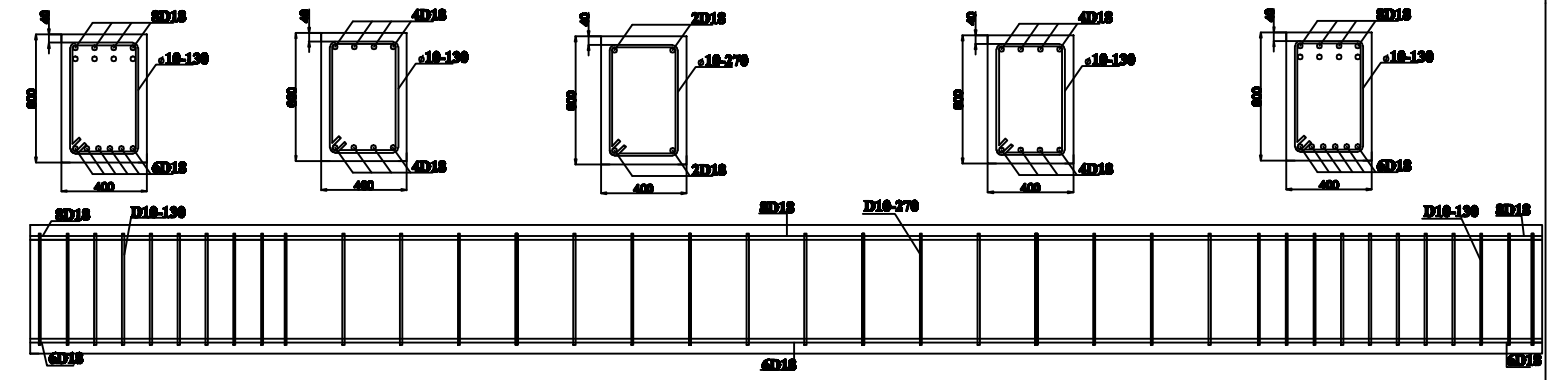
SCALE

1 : 20

DRAWING NO.

2 | 19

BEAM FB (2-1A)



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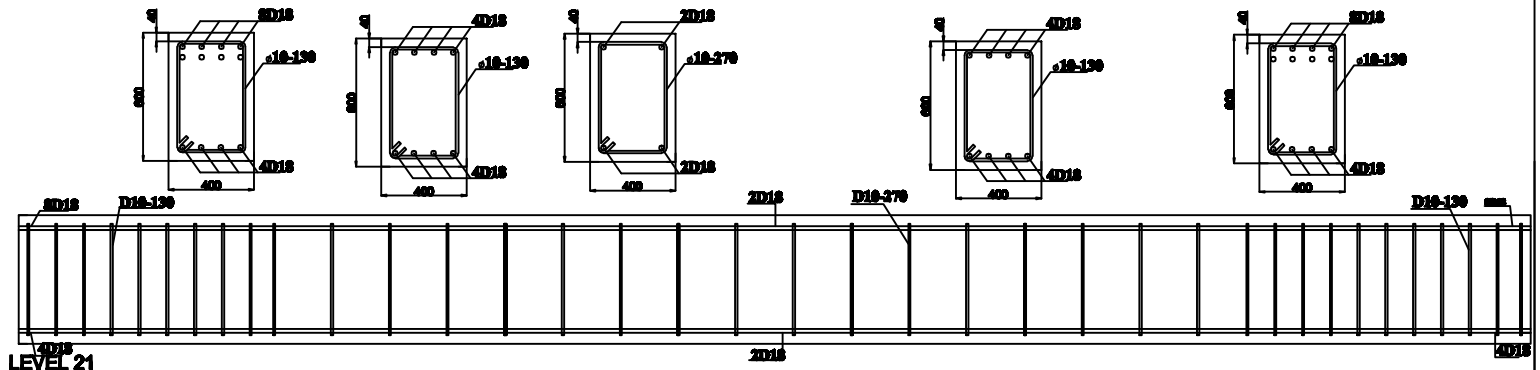
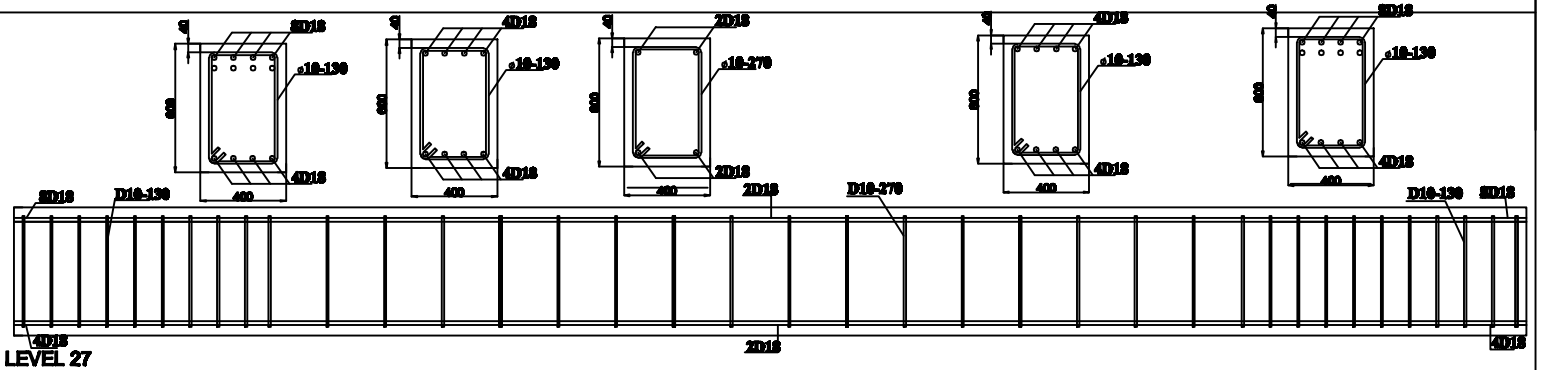


LEVEL 21



LEVEL 27

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SUPERVISOR

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FIRNALIA PERDANA P.

DRAWING

DETAIL BEAM REINFORCEMENTS

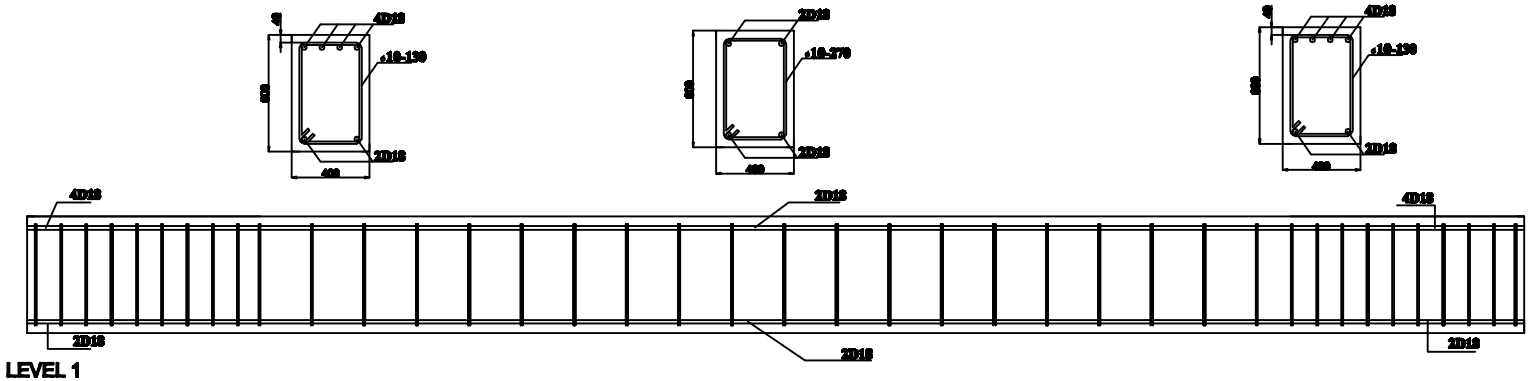
SCALE

1 : 20

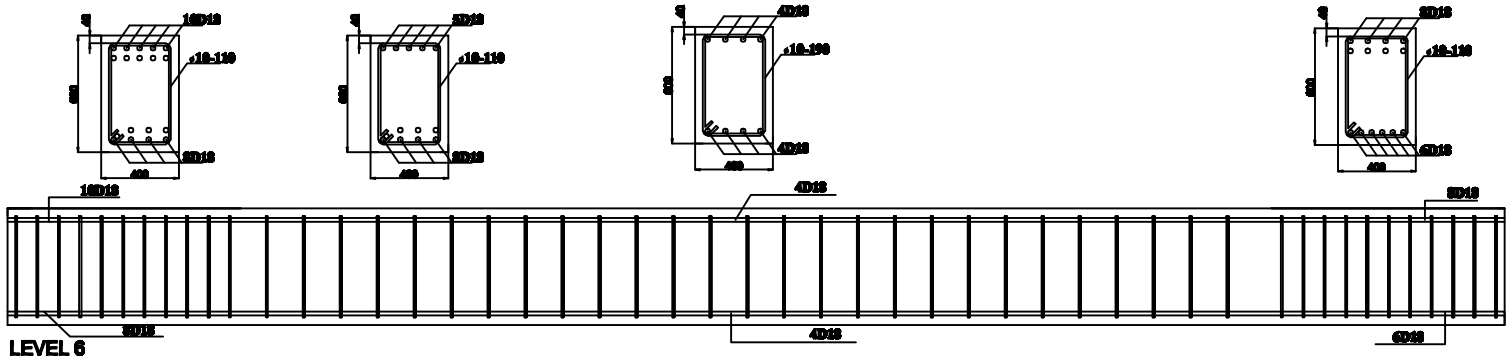
DRAWING NO.

3	19

BEAM FB (11 E-H)



LEVEL 1



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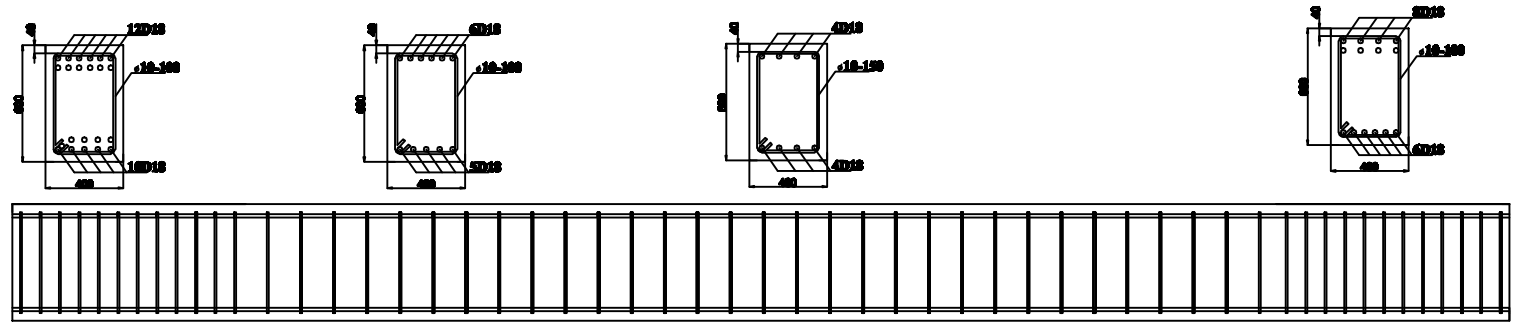

LEVEL 11

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DRAWING

DETAIL BEAM REINFORCEMENTS

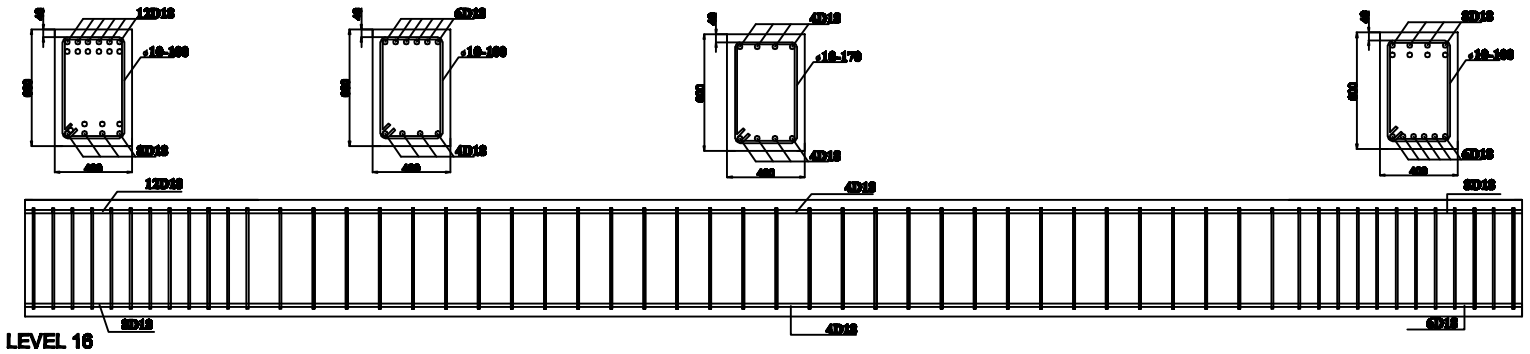
SCALE

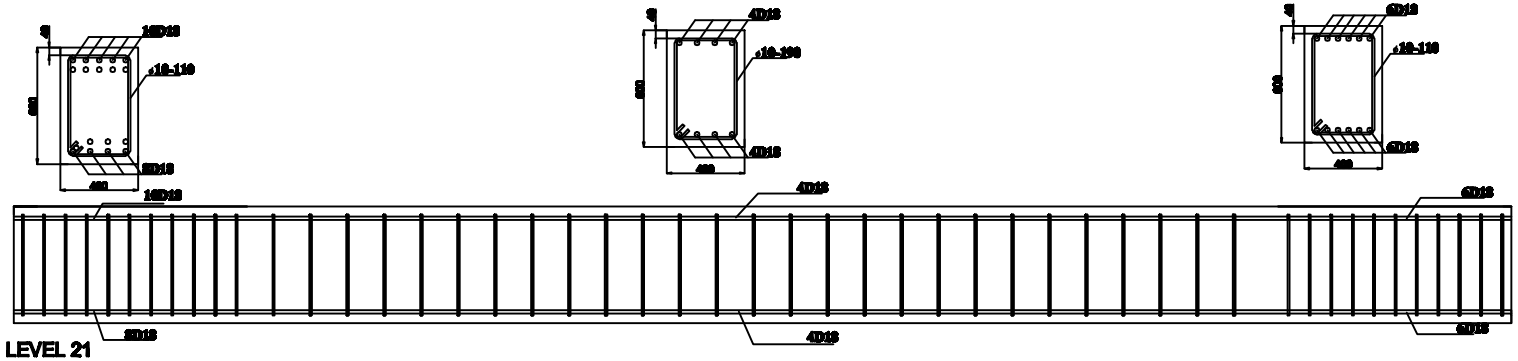
1 : 20

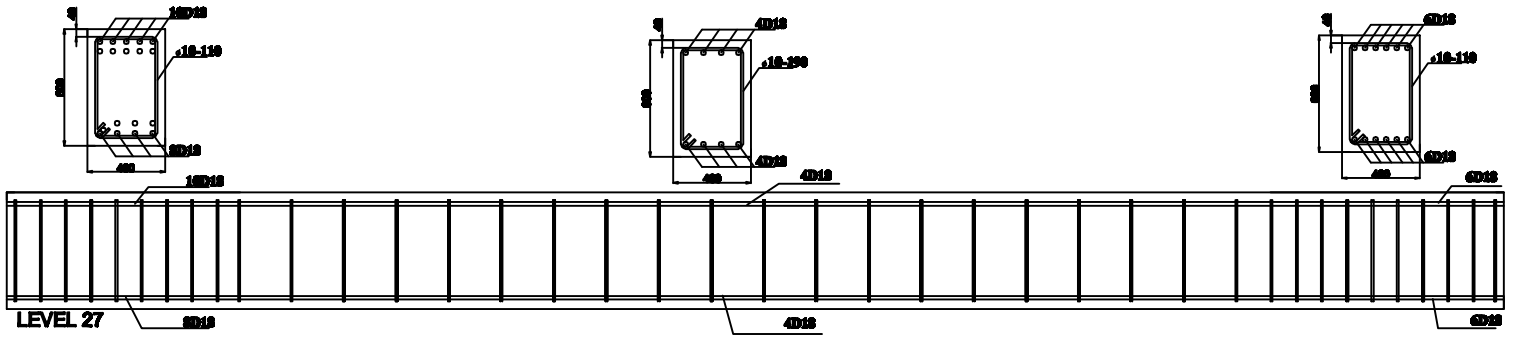
DRAWING NO.

4 | 19

BEAM FB (11 E-H)







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DRAWING

DETAIL BEAM REINFORCEMENTS

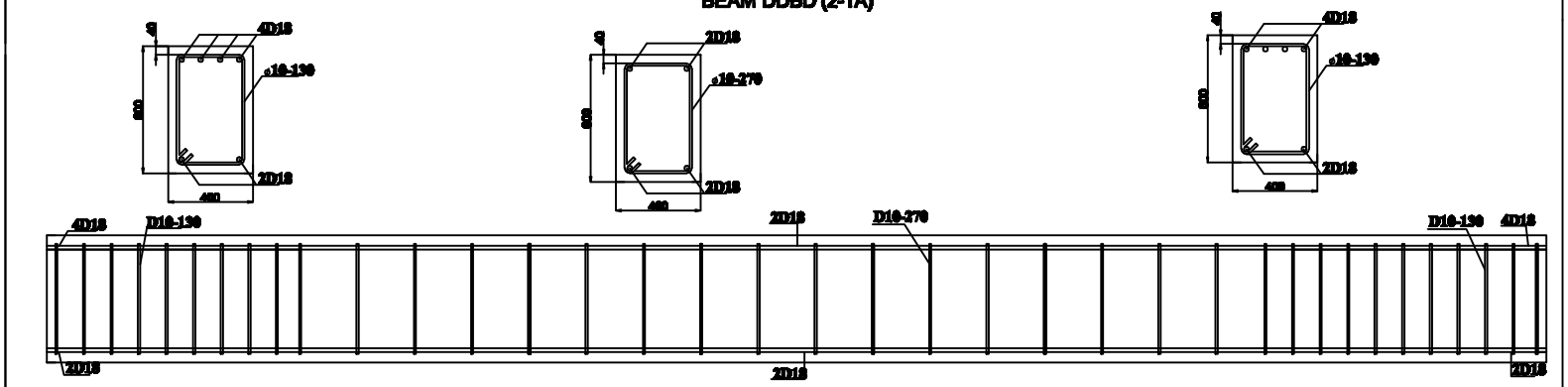
SCALE

1 : 20

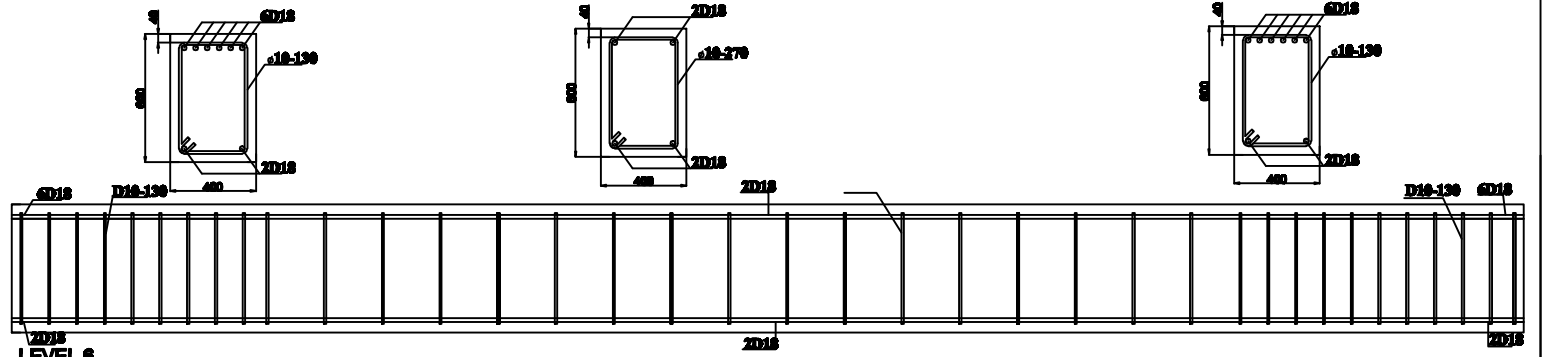
DRAWING NO.

5 | 19

BEAM DDBD (2-1A)



LEVEL 1



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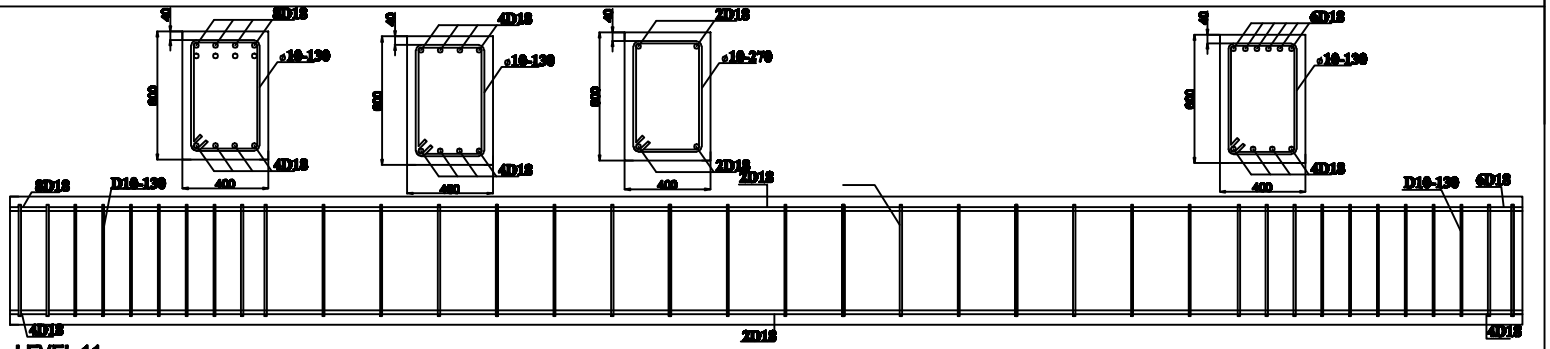

LEVEL 11

JURUSAN TEKNIK SIPIL
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FIRNALIA PERDANA P.

DRAWING

DETAILBEAM REINFORCEMENTS

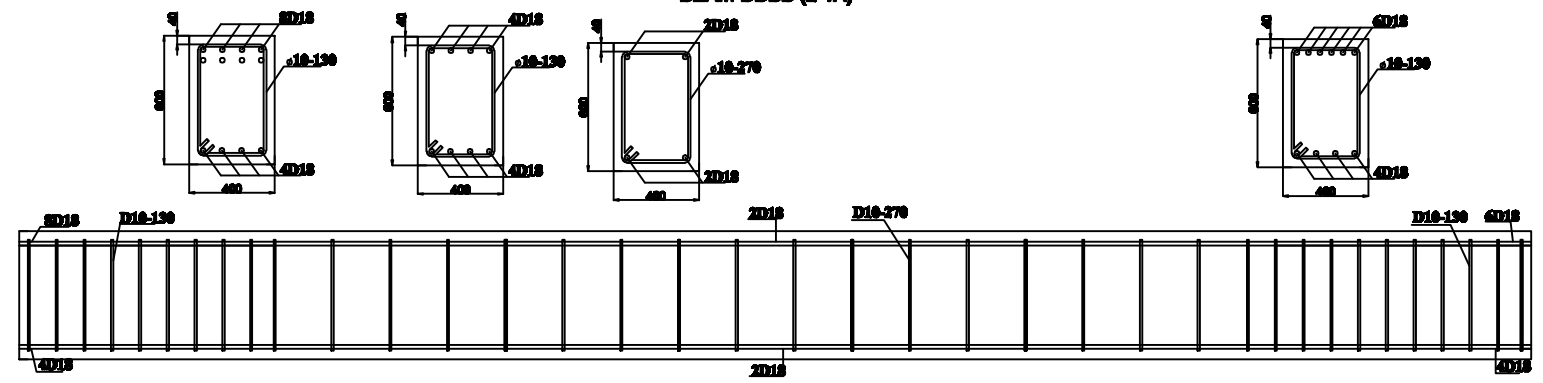
SCALE

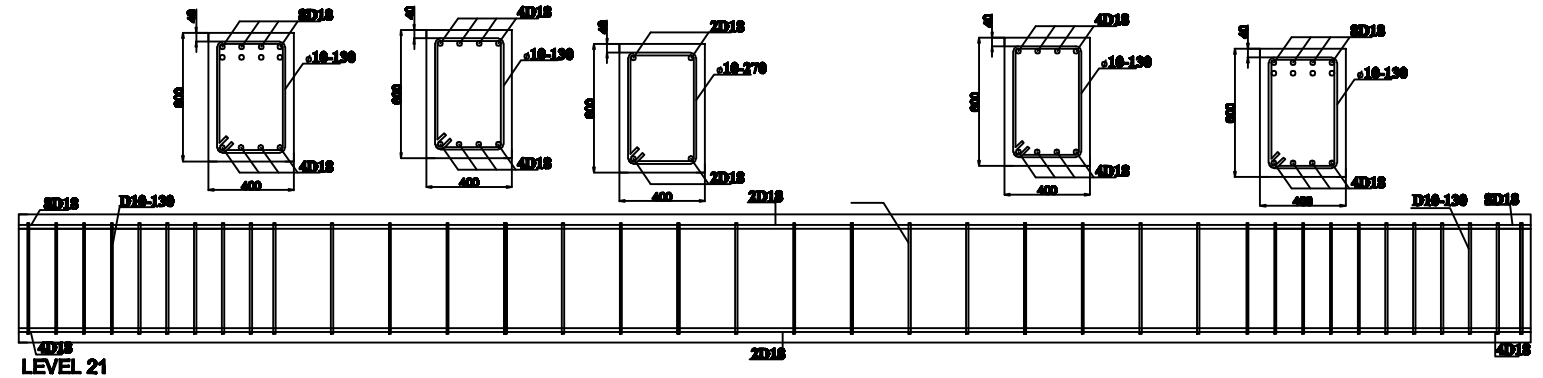
1 : 20

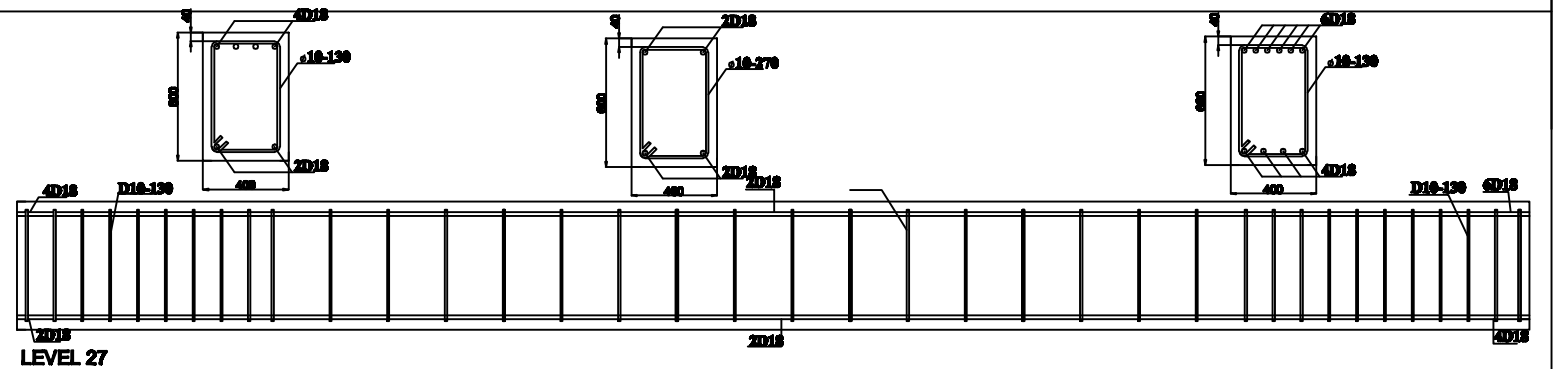
DRAWING NO.

6	19

BEAM DDBD (2-1A)







JURUSAN TEKNIK SIPIL
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STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL BEAM REINFORCEMENTS

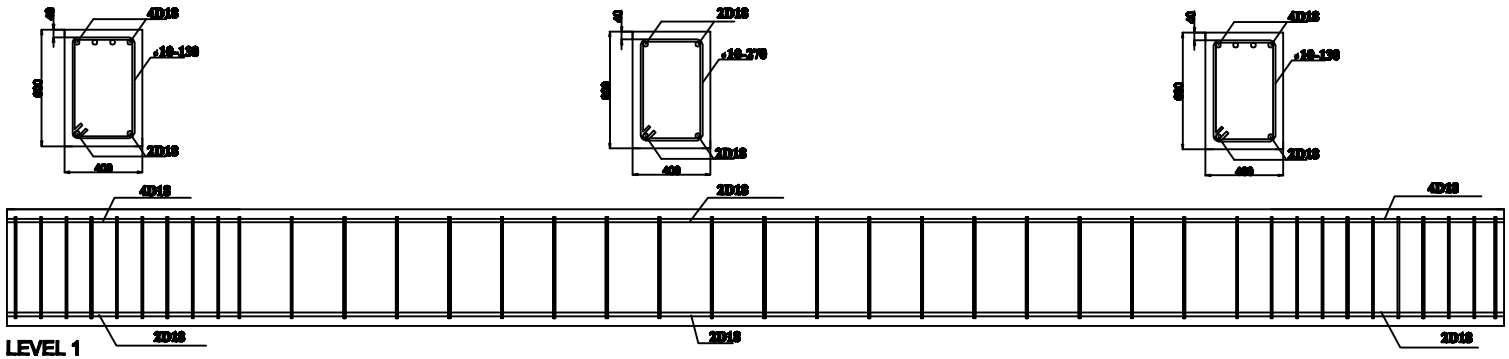
SCALE

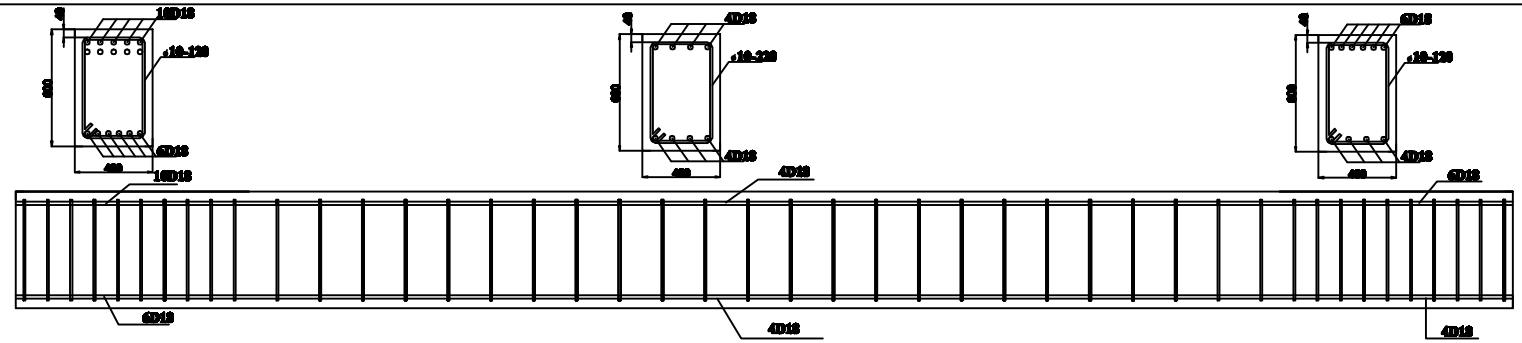
1 : 20

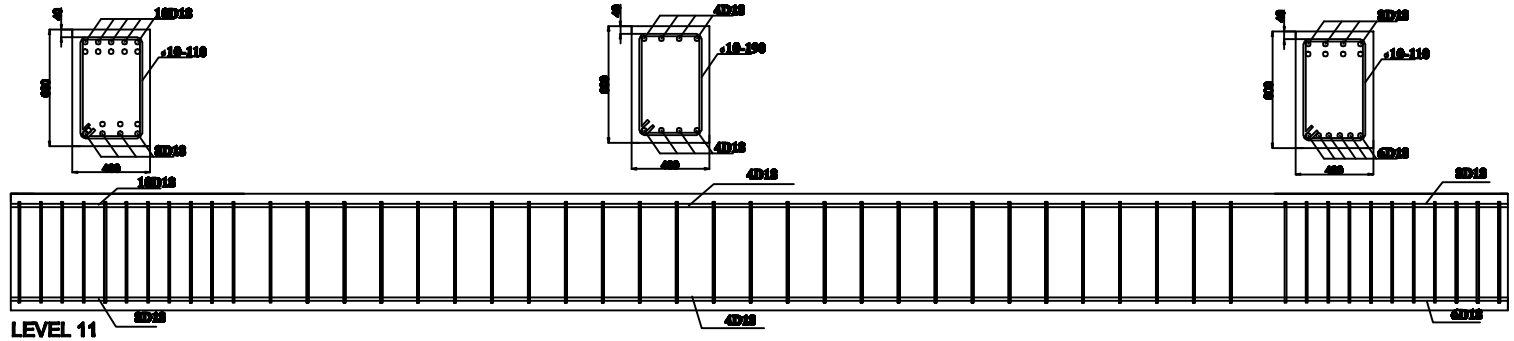
DRAWING NO.

7 | 19

BEAM DDBD (11 E-H)







JURUSAN TEKNIK SIPIL
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STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL BEAM REINFORCEMENTS

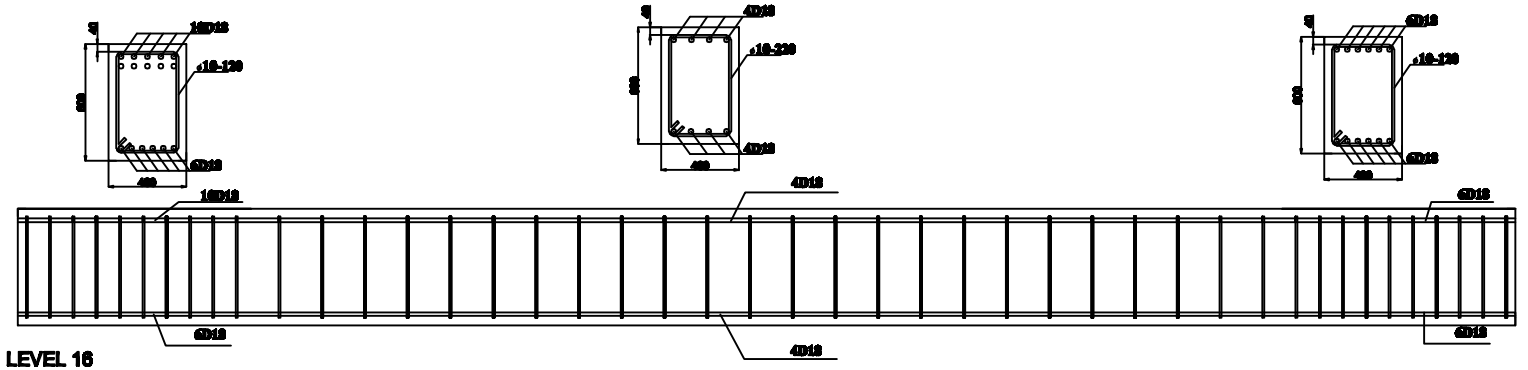
SCALE

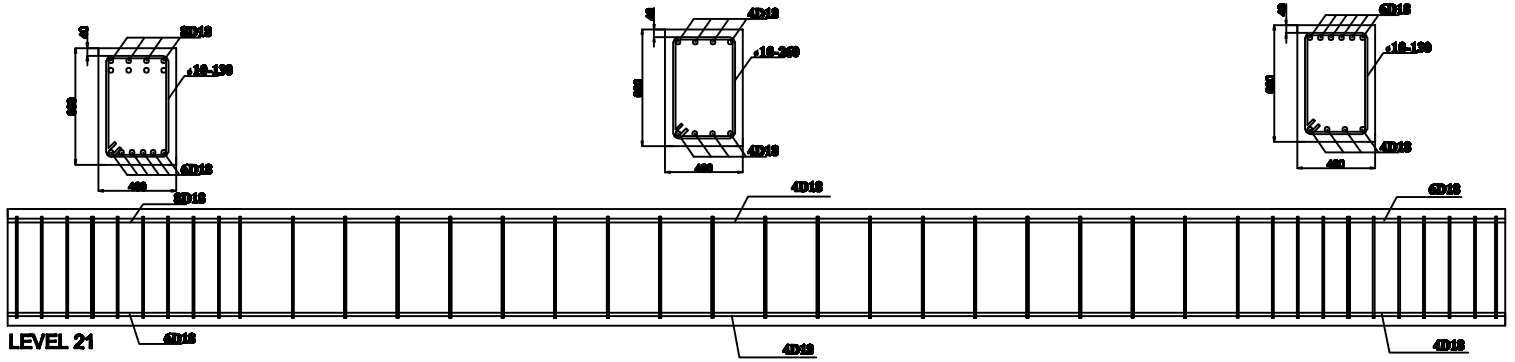
1 : 20

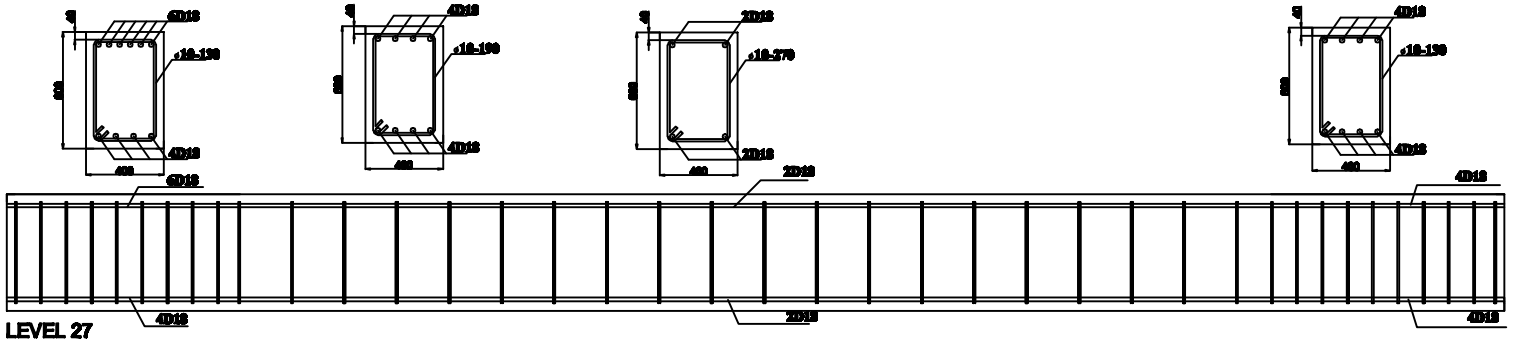
DRAWING NO.

8	19

BEAM DDBD (11 E-H)







JURUSAN TEKNIK SIPIL
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STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL BEAM REINFORCEMENTS

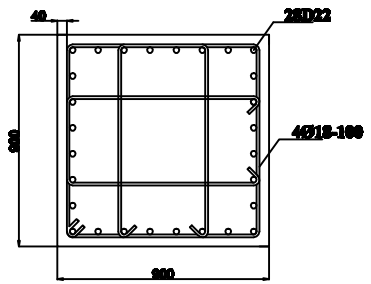
SCALE

1 : 20

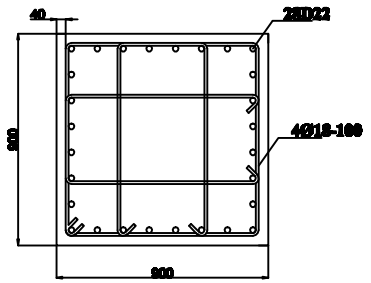
DRAWING NO.

9	19

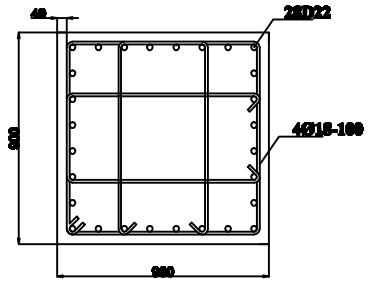
COLUMN K-1 (DDBD)



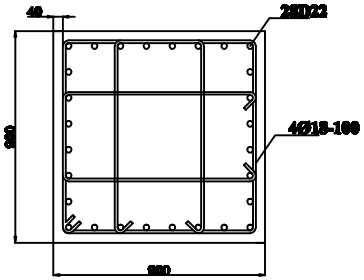
LEVEL 1



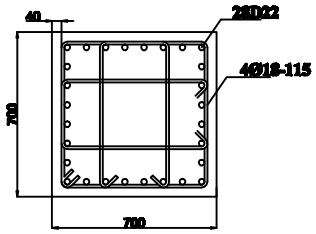
LEVEL 5



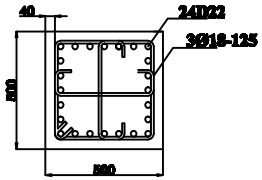
LEVEL 10



LEVEL 15



LEVEL 20



LEVEL 25

JURUSAN TEKNIK SIPIL
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SUPERVISOR

Ir. FAIMUN, MSc., Ph.D.

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FIRNALIA PERDANA P.

DRAWING

DETAIL COLUMN REINFORCEMENTS

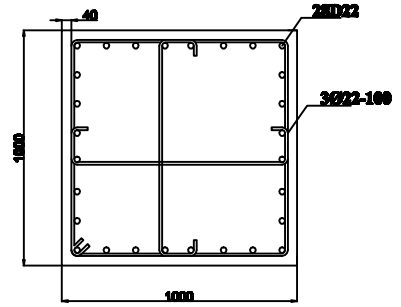
SCALE

1 : 20

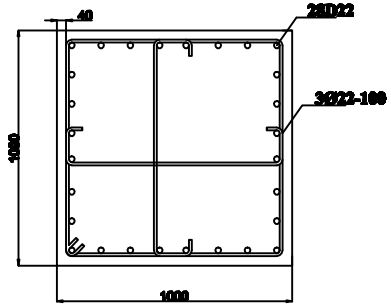
DRAWING NO.

10	19

COLUMN K-3 (DDBD)



LEVEL 1



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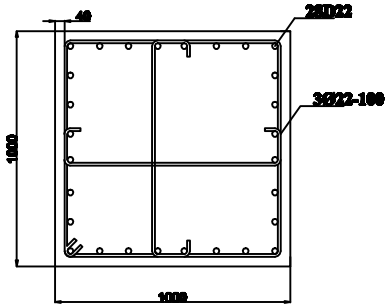

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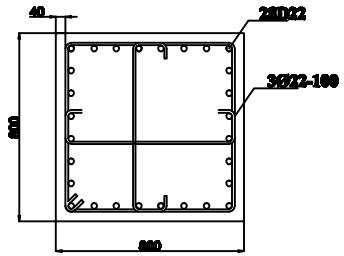

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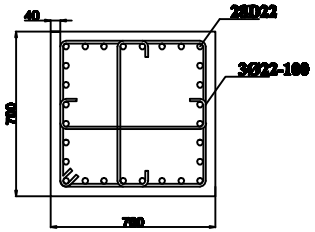

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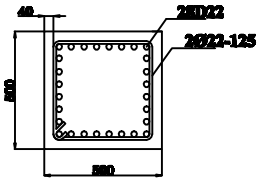

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JURUSAN TEKNIK SIPIL
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SUPERVISOR

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STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL COLUMN REINFORCEMENTS

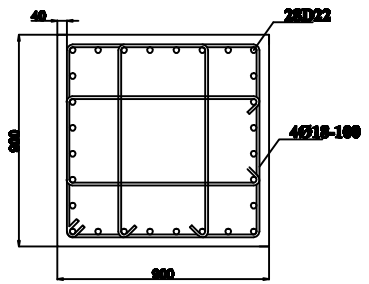
SCALE

1 : 20

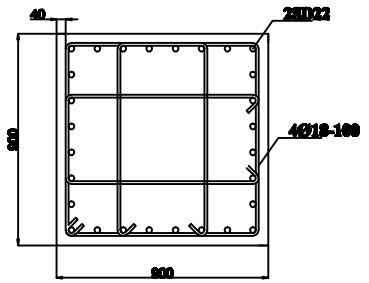
DRAWING NO.

11	19

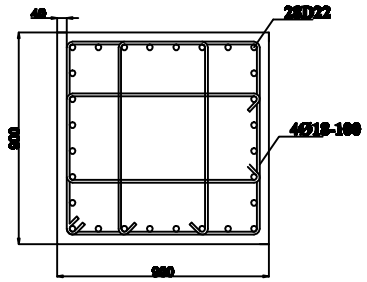
COLUMN K-1 (FB)



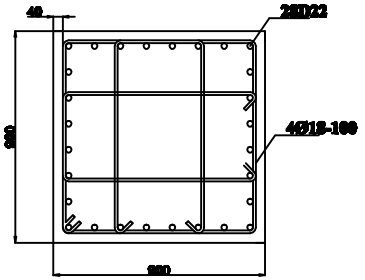
LEVEL 1



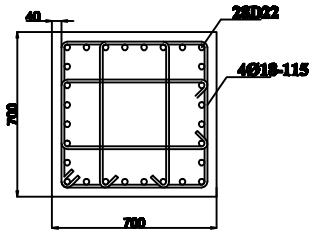
LEVEL 5



LEVEL 10



LEVEL 15



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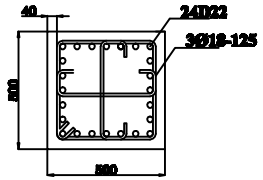

LEVEL 25

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FIRNALIA PERDANA P.

DRAWING

DETAIL COLUMN REINFORCEMENTS

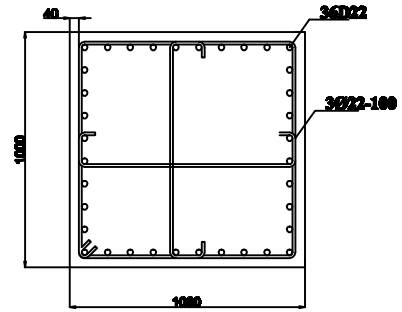
SCALE

1 : 20

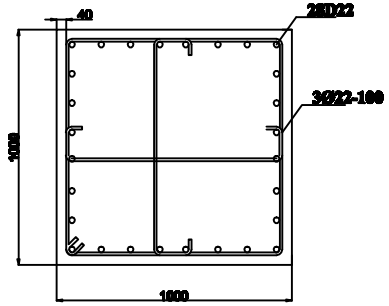
DRAWING NO.

12 | 19

COLUMN K-3 (FB)



LEVEL 1



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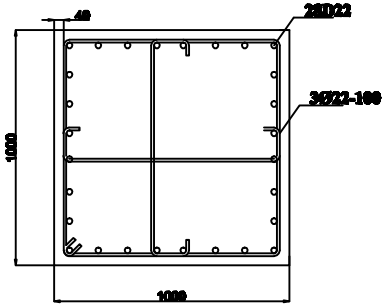

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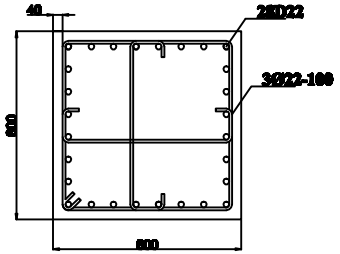

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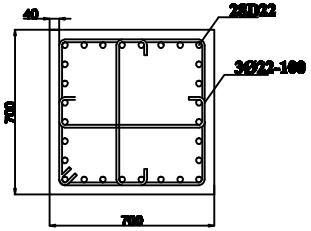

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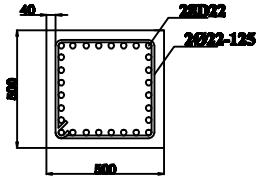

LEVEL 25

JURUSAN TEKNIK SIPIL
FTSP - ITS
SURABAYA

TITLE OF WORK

FINAL PROJECT

SUPERVISOR

Ir. FAIMUN, MSc., Ph.D.

STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL COLUMN REINFORCEMENTS

SCALE

1 : 20

DRAWING NO.

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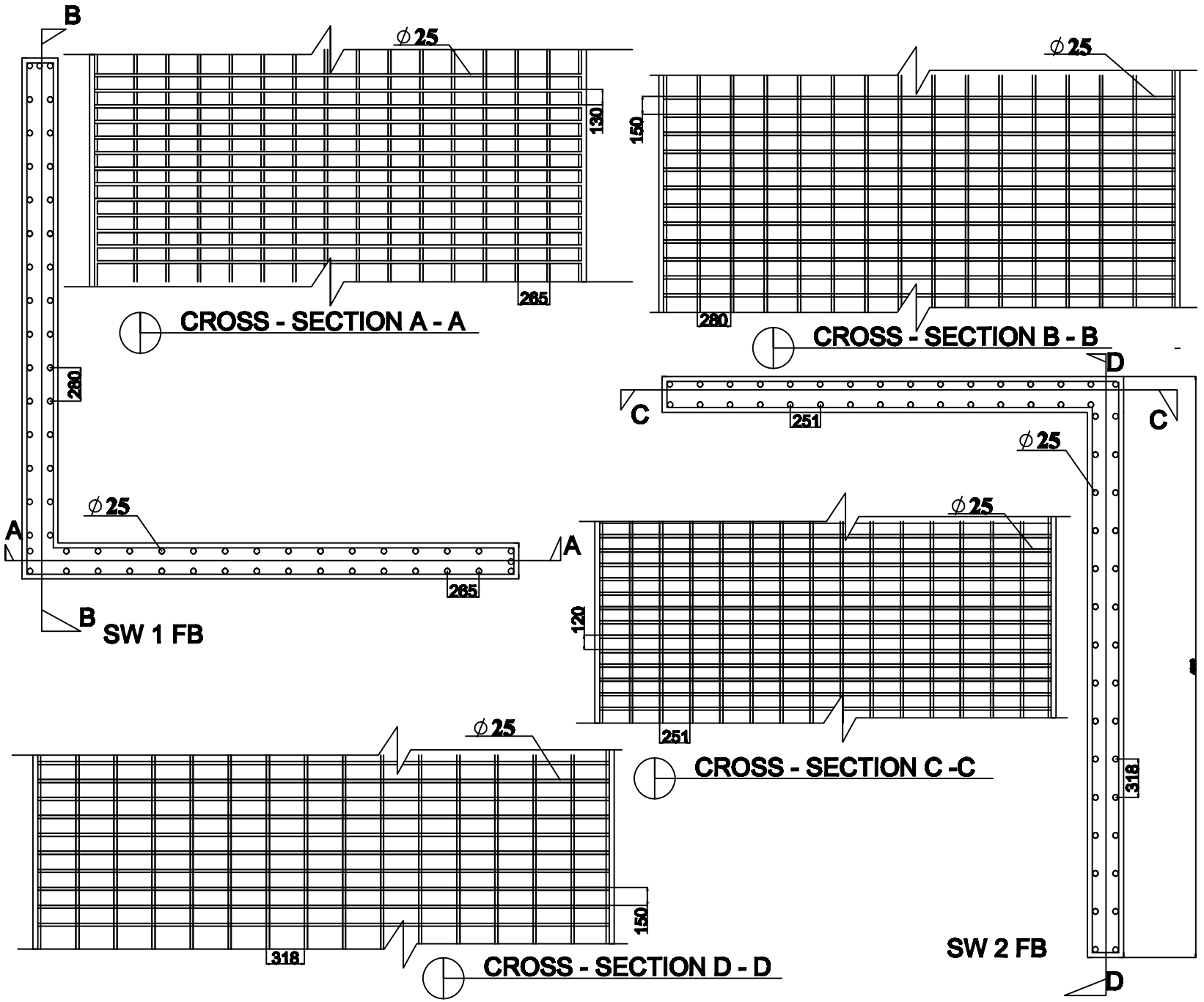

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STUDENT

FIRNALIA PERDANA P.

DRAWING

DETAIL SHEARWALL REINFORCEMENT

SCALE

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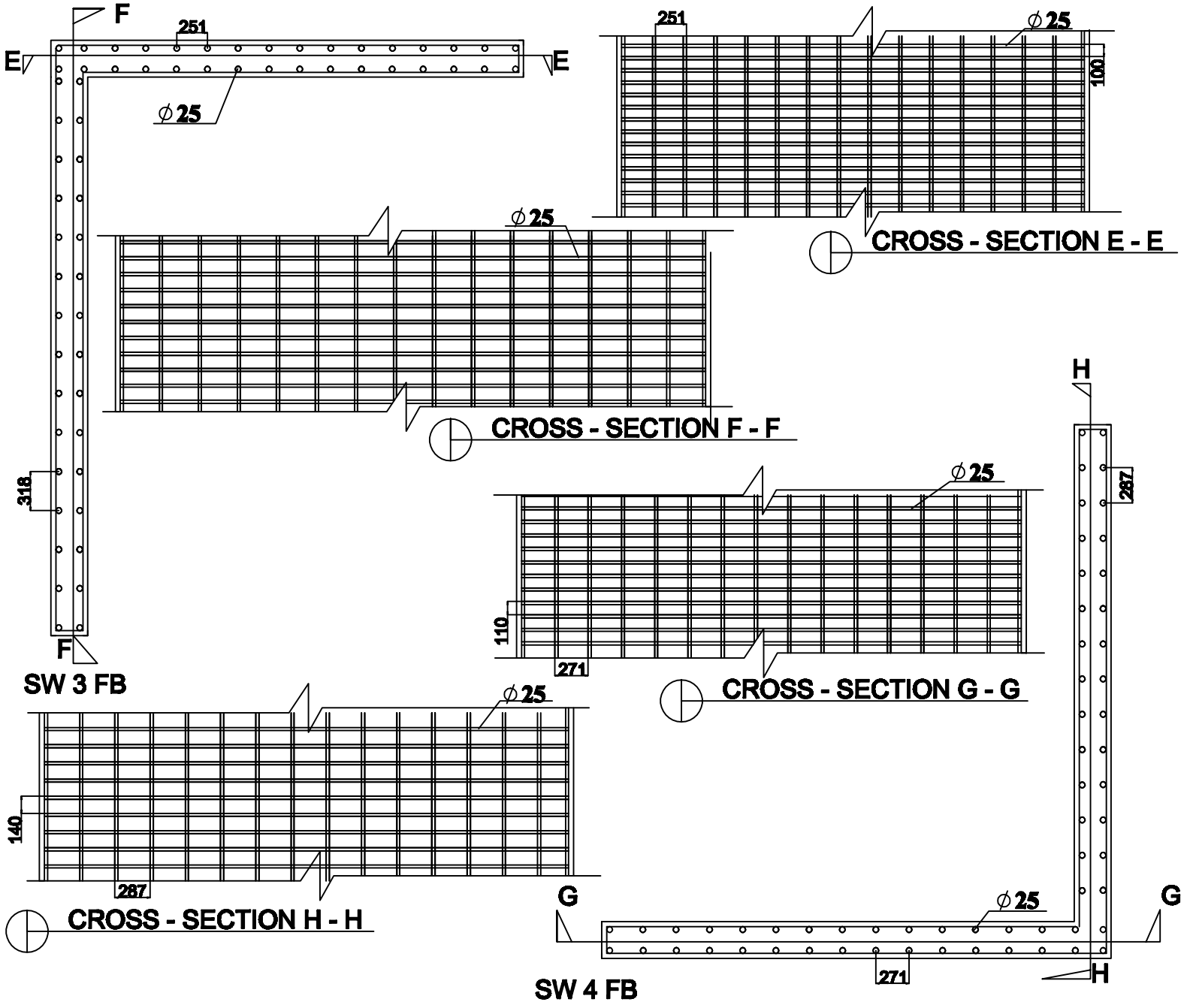
DRAWING NO.

14	19



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DETAIL SHEARWALL REINFORCEMENT

SCALE

1 : 200

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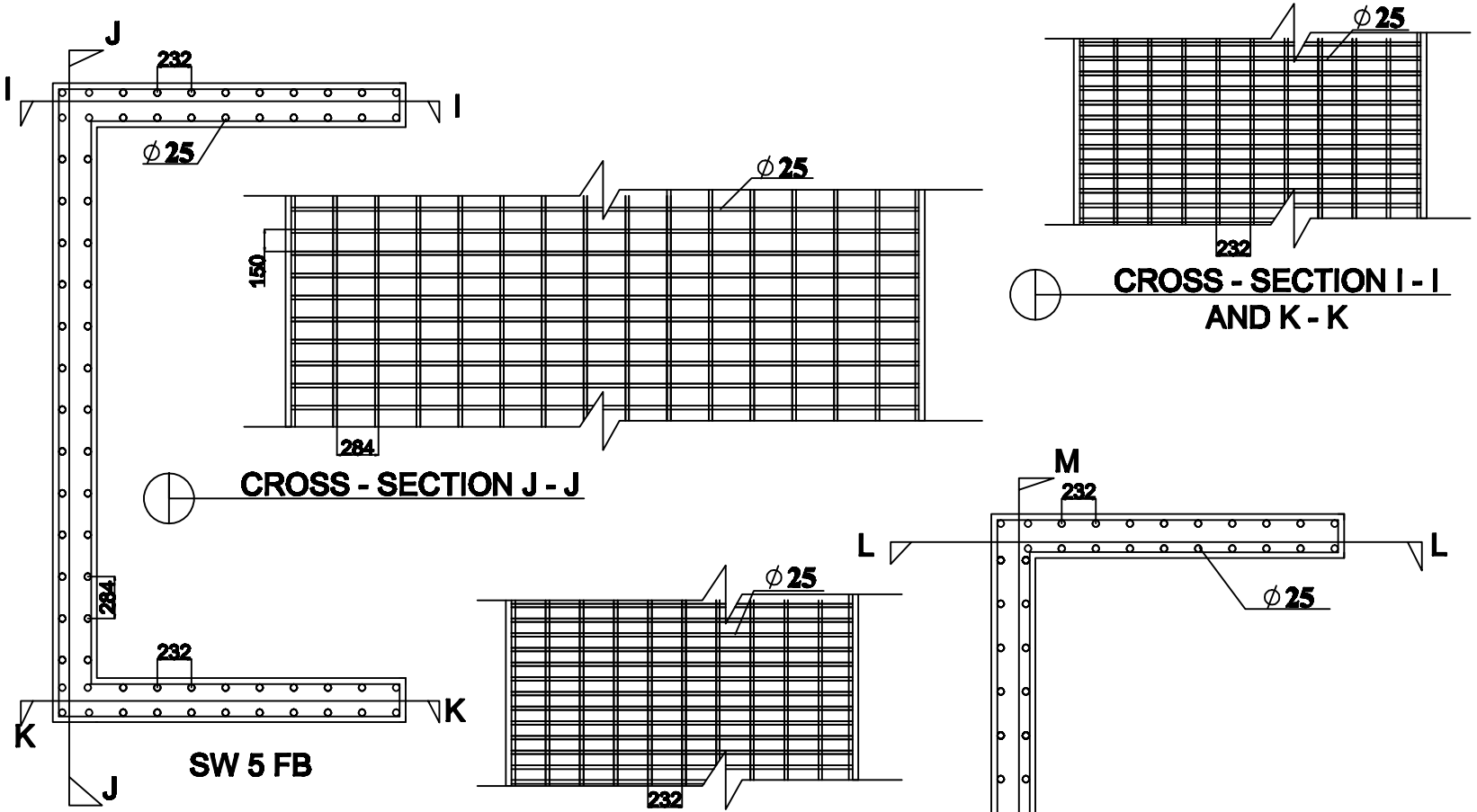

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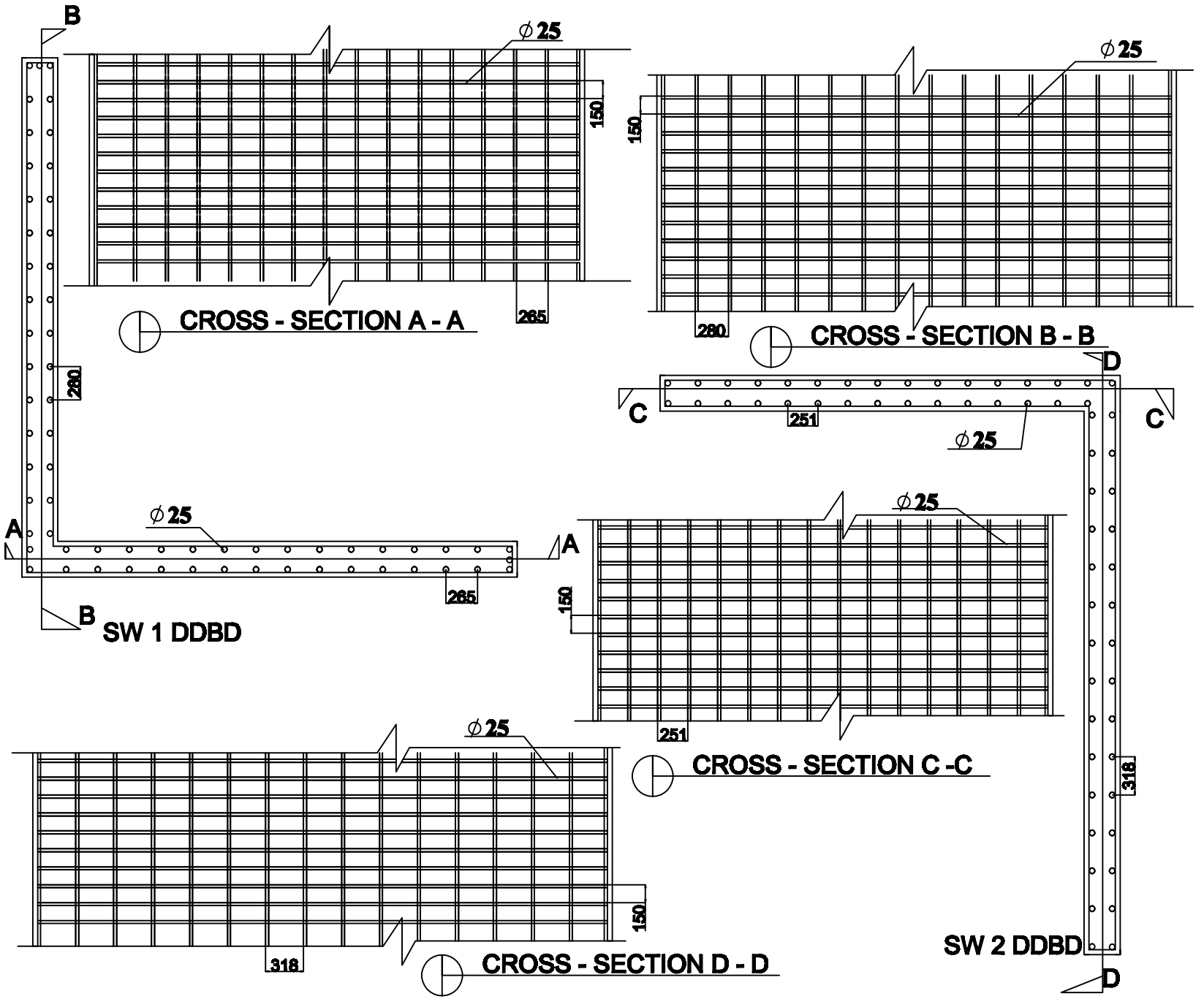

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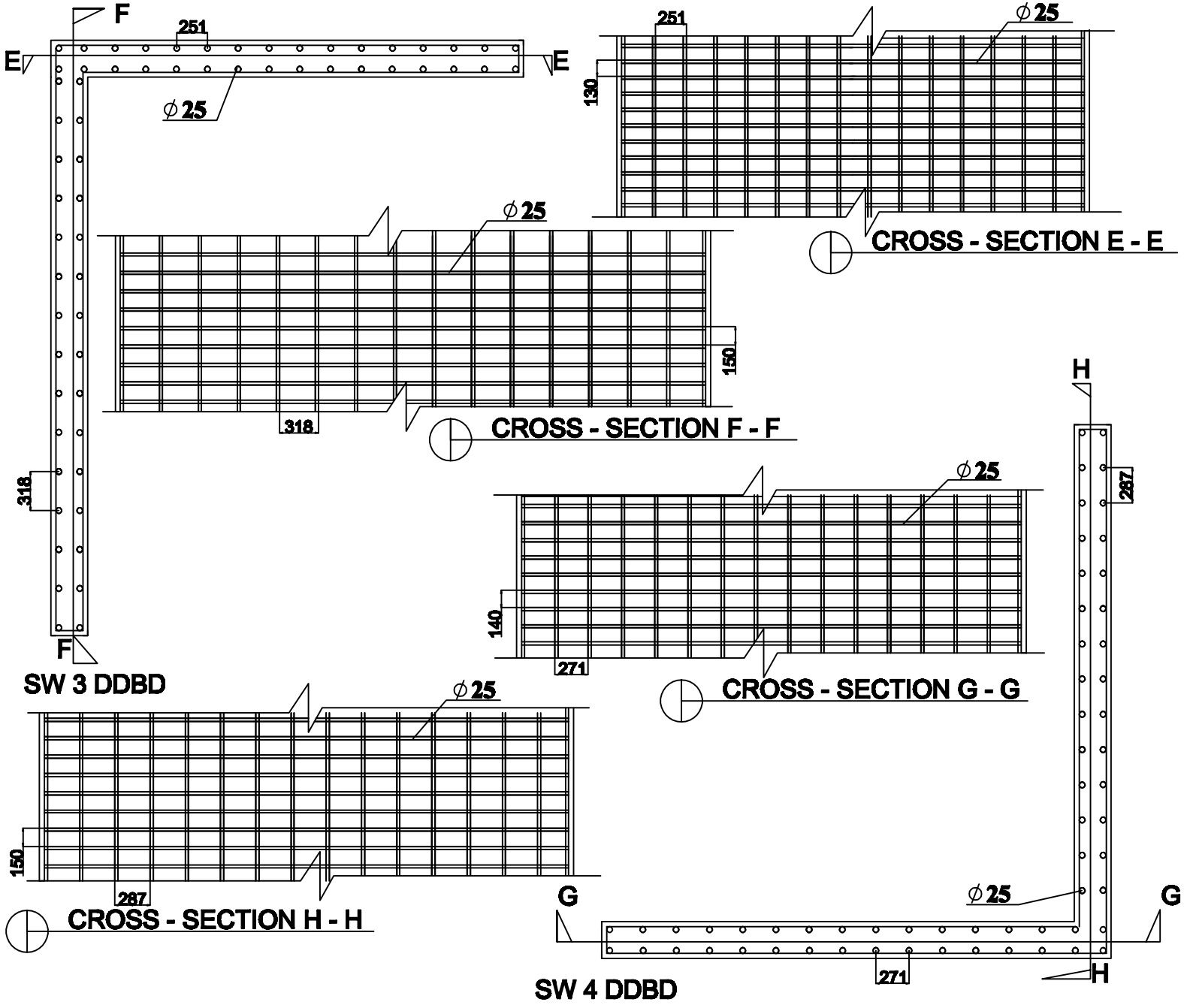

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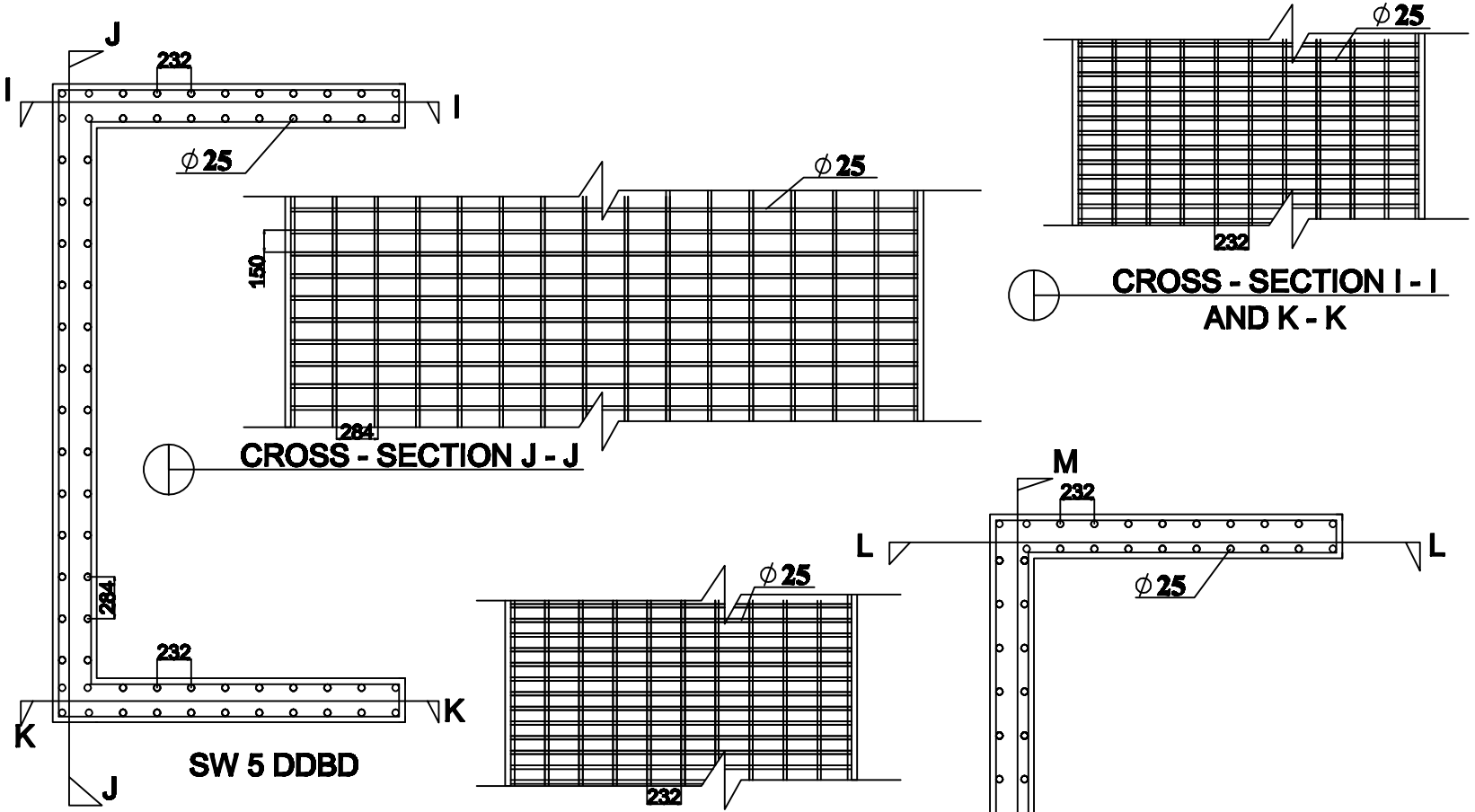

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BIBLIOGRAPHY

1. A. K. Chopra and R. K. Goel, "Direct Displacement-Based Design : Use of Inelastic vs. Elastic Design Spectra", Earthquake Spectra, Volume 17, No. 1, February 2011, page. 47-64
2. A. Shafieezadeh, W. Hu, E. Erduran, K. L. Ryan, "Seismic Vulnerability Assessment and Retrofit Resommendations for State Highway Bridges : Case Studies", Report No. UT-09-08, February 2009
3. F. Naeim, L. D. Carpenter, T. Ghodsi, G. C. Hart, M. Lew, M. Mehrain, T. A. Sabol, and J. W. Wallace, "An Alternative Procedure for Seismic Analysis and Design of Tall Buildings", Proceedings of the Fifteenth World Conference On Earthquake Engineering, Lisbon, Portugal, 2012
4. Federal Emergency Management Agency, "NEHRP Guidelines For the Seismic Rehabilitation of Buildings", FEMA 273, October 1997
5. G. D. Corte, M.D'Aniello, N. Calabrese and F.M. Mazzo lani, "Materiali ed Approcci Innovativi per il Progetto in Zona Sismica e la Mitigazione della Vulnerabilit Sismica e la Mitigazione della Vulnerabilitàà delle Strutture", Rete dei Laboratori Universitari di Ingegneria Sismica, 12-13 February 2007
6. H. Tanaka, "Analisa Perbandingan Perencanaan Struktur Dual-System Dengan Statik Non-linier dan Dinamik Non-Linier", Tugas Akhir Program Sarjana
7. J. L. Harris III, "A Direct Displacement-Based Design of Low-Rise Seismic Resistant Steel Moment Frames", Dissertation for the Degree Doctor of Philosophy, 2006
8. J. P. Greenwood, "An Examination of the Performance Based Building Code on the Design of a Commercial Building", The Australian Journal of Construction

Economics and Building, Volume 7, No. 1, July 2007, page. 37-44
9. M. J. Priestley, "Myths and Fallacies In Earthquake Engineering – Conflicts Between Design and Reality", Bulletin of the New Zealand National Society for Earthquake Engineering, Volume 26, No. 3, September 1993, page. 229-341
10. M. J. Priestley, "The Need for Displacement-Based Design and Analysis", CISM Courses and Lectures No.494, 2007, page.121-132
11. M. J. Priestley and M. J. Kowalsky, "Direct Displacement-Based Seismic Design of Concrete Buildings", Bulletin of The New Zealand Society For Earthquake Engineering, Vol.33, No. 4, December 2000, page. 421-444
12. M.J.N. Priestley, G.M. Calvi, M.J. Kowalsky, "Displacement-Based Seismic Design of Structures", 2007
13. Peraturan Pembebanan Indonesia Untuk Gedung, PPIUG 1983
14. Peraturan Beton Bertulang Indonesia, PBI 1971, N.I-2
15. Standard Nasional Indonesia, "Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Non Gedung", SNI 1726:2012
16. R. O. Hamburger and J. D. Hooper, "Performance-Based Seismic Design", Modern Steel Construction, Volume 51, No. 4, April 2011, page. 36-39
17. S. Malekpour and F. Dashti, "Application of the Direct Displacement Based Design Methodology for the Different Types of RC Structural Systems", International Journal of Concrete Structures and Materials, Volume 7, No. 2 June 2013, page. 135-153
18. Standard Nasional Indonesia, "Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Non Gedung", SNI 2847:2013

19. Washington State Department of Transportation, “Seismic Vulnerability Analysis Report”, SR 99: Alaskan Way Viaduct & Seawall Replacement Program, November 2007
20. W. Pang and D. Rosowsky, “Direct Displacement Procedure for Performance-Based Seismus Design of Multistory Woodframe Structures”, Technical Report MCEER-10-0001, NEESWood Report No. 2, April 2010

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BIOGRAPHY

Firnalia Perdana Putri was born in Jakarta on the 15th September 1993. During her earlier years she spent most of her elementary school years in Surabaya, Indonesia, but then moved to Newcastle Upon Tyne, United Kingdom in 2004. She continued her studies in Newcastle until the end of her High School period and came back to Indonesia for her Undergraduate studies in ITS in the year 2011.

Always wanting to be busy, the writer was involved with a few extra curricular activities in school, including netball and football. The writer also developed an interest in Performing Arts whilst in Newcastle, and was heavily involved with her school productions and also productions by a local theatre.

Whilst in ITS, the writer kept up with her interest of extra curricular activities including futsal, basketball, and volley and was also part of the Civil Engineering student's society where she had the oppurtunity to be the head of department and also head of commintee which handles big event.

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