

**112 ACİL BİNASI
ÇELİK STATİK HESAP RAPORU
(HAFİF ÇELİK)**

	Proje: 112 Acil Binası Çelik Statik Hesap Raporu (Hafif Çelik)		
	Yapan: Müh.	Kontrol: Müh.	Tarih: 13.10.2021

1. YAPITANITIMI

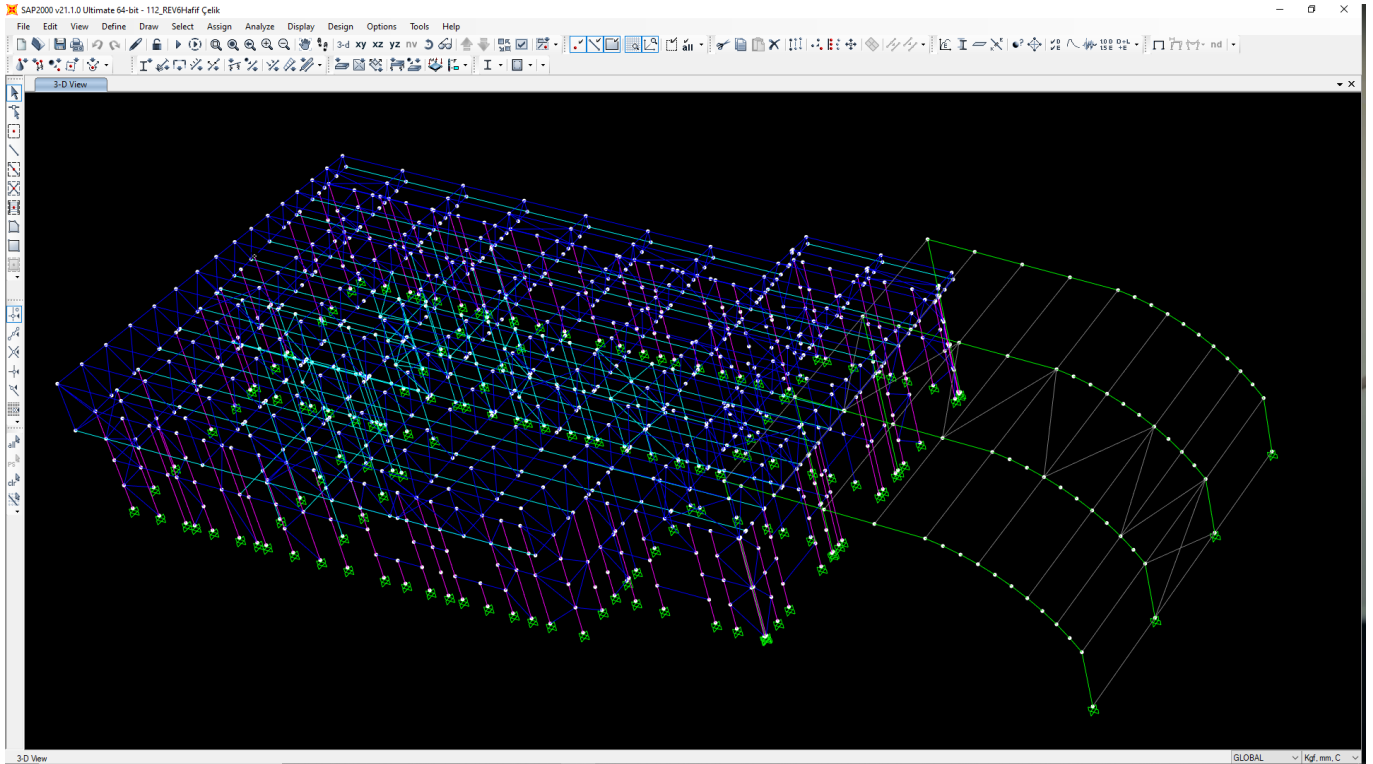
1.1 YAPI YERLEŞİMİ VE GENELBİLGİSİ

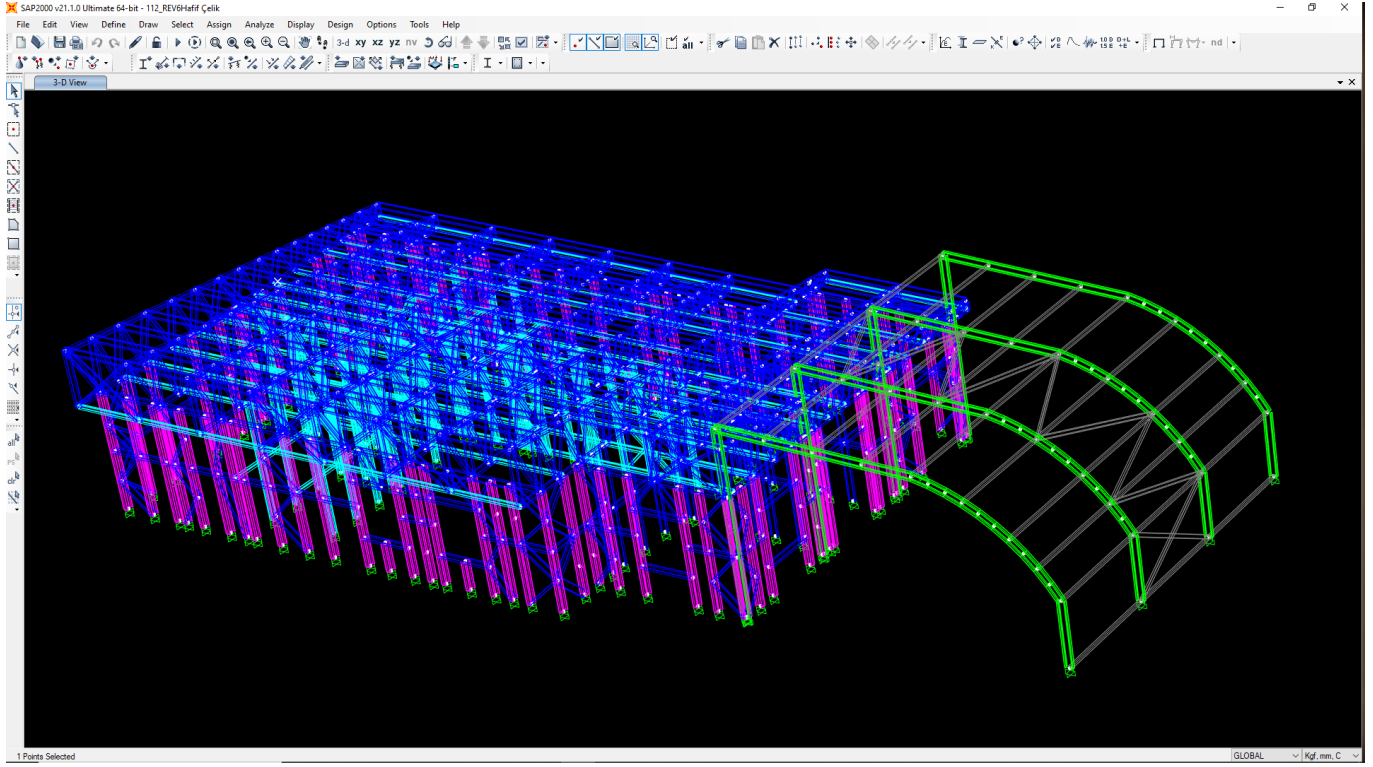
Söz konusu çelik konstrüksiyon statik hesabı ve projesi Muş ilinde yapılması planlanan Çelik Bina elemanlarının analizini içermektedir.

1.1 SİSTEM PLANLARI VE KESİTLER

1.1.1 3B Hesap Modeli

Aşağıdaki resimde statik kurgu modeli resimi gösterilmiştir.





2. KAYNAKLAR

2.1 DİZAYN KADEMELERİ

Bu doküman, yönetmelikler, standartlar ve tavsiyeler aşağıdaki gibi değerlendirilmiştir;

- Çelik Yapıların Tasarım ve Yapım Kuralları (2016)
- Türkiye Bina Deprem Yönetmeliği (2018)

2.2 DİZAYNESASLARI

Statik hesaplar ve dizayn detayları, İdarenin ve İşverenin de istekleri dikkate alınarak, yönetmelik ve standartlara uygun bir biçimde, diğer disiplinlerle de uyumlu olarak oluşturulmuştur.

2.3 YÖNETMELİK VE STANDARTLAR

Yapının analizi ve dizaynı aşağıdaki yönetmeliklere uygun olarak yapılacaktır;

- **TÜRKİYE BİNA DEPREM YÖNETMELİĞİ (2018)** .
- **ÇELİK YAPILARIN TASARIM VE YAPIM KURALLARI (2016)**
- **TS EN 1991-1-4**, Rüzgar Etkileri (EUROCODE 2).
- **TS EN 1991-1-3**, KAR YÜKLERİ (EUROCODE 1)
- **AISC 360-10**, Amerikan Çelik Dizayn Şartname
- **TS ISO 9194**, Yapıların Projelendirme Esasları – Taşıyıcı Olan Ve Olmayan Elemanlar Depolanmış Malzemeler - Yoğunluk (1997).

3. TASARIM PARAMETRELERİ

3.1 MALZEME

3.1.1 Çelik

Profillerde, ASTM A673 veya eşdeğeri standartlar uyarınca yapılan testlerde minimum Charpy-VNotch(CVN) dayanımı (ÇentikDayanımı) değeri 218C'de 27Nm(27J) olacaktır.

EN 10025 : part 2 : 2004 Non-alloy structural steels

Comparison between grades in EN 10025 : part 2 : 2004 and nearest equivalent versions in EN 10025 : 1993 and BS 4360 : 1990						
EN 10025 : part 2 : 2004				EN 10025 : 1993		BS 4360 : 1990
Grade	Yield (ReH) min	Tensile (Rm)	Charpy V-notch longitudinal		Grade	Grade
	Strength at t = 16mm (MPa)		Temp (°C)	Energy (J) t = 16mm		
S185	185	290/510	-	-	S185	-
- ¹	235	360/510	-	-	S235	40A
S235JR ²			20	27	S235JRG1/G2	40B
S235J0			0	27	S235J0	40C
S235J2			-20	27	S235J2G3/G4	40D
- ¹	275	410/560	-	-	S275	43A
S275JR ²			20	27	S275JR	43B
S275J0			0	27	S275J0	43C
S275J2			-20	27	S275J2G3/G4	43D
- ¹	355	470/630	-	-	S355	50A
S355JR ²			20	27	S355JR	50B
S355J0			0	27	S355J0	50C
S355J2			-20	27	S355J2G3/G4	50D
S355K2			-20	40	S355K2G3/G4	50DD
E295	295	470/610	-	-	E295	-
S335	335	570/710	-	-	S335	-
E360	360	650/830	-	-	E360	-

¹ 1 MPa = 1 N/mm²

Çelik	$\sigma_{\text{çem}}$		τ_{em}		σ_v		σ_a
	H	HZ	H	HZ	H	HZ	
kg/cm ²							
St37	1440	1656	831	956	1800	1920	2400
St44	1682	1934	971	1117	2100	2240	2800
St52	2160	2484	1247	1434	2700	2880	3600

Projemizde kullanılan çelik sınıfı IPE ve HEA profillerde **S275JR** olacaktır.

Levha ve INP-UNP profillerde **S235JR** olacaktır.

3.1.2 Kaynak

Kaynaklı birleşimlerde çelik malzemesine ve kaynaklama yöntemine uygun kaynak metali kullanılacak ve kaynak metalinin akma gerilmesi, birleştirilen esas metalin akma gerilmesinden daha az olmayacaktır. Deprem yükleri etkisindeki elemanların ve birleşimlerinin tüm kaynaklarında Tablo 9.1 de ön görülen koşulları sağlayan kaynak metali kullanılacaktır.

Tablo 9.1 – Deprem Yükleri Etkisindeki Elemanların Birleşim ve Eklerinde Kullanılacak Kaynak Metali Özellikleri

Kaynak Metali Sınıfı	E 480	E 550
Karakteristik Akma gerilmesi, N/mm ²	400	470
Min. Çekme dayanımı, (F_E) N/mm ²	480	550
Min. Uzama, %	22	19
Çentik Tokluğu (CVN)	-18°C de min. 27J	

3.1.3 Bulon

Deprem yükleri etkisindeki elemanların birleşim ve eklerinde (8.8) veya (10.9) kalitesinde yüksek dayanımlı bulonlar tam öñçekme verilerek kullanılacaktır. **(TBDY 2018 – 9.2.3.2)**

Bulon sınıfı	4.6	4.8	5.6	5.8	6.8	8.8	10.9
F_{yb}	240	320	300	400	480	640	900
F_{ub}	400	400	500	500	600	800	1000

3.2 ZEMİN VE YAPI PARAMETRELERİ

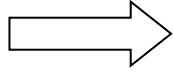
3.3 Bina Önem Katsayısı, Spektral İvme Katsayıları, Taşıyıcı Sistem Davranış Katsayısı, Bina Yükseklik Sınıfı ve Deprem Tasarım Sınıfı

- *Spektral ivme katsayıları zemin parametreleri ve Afad' ın hazırlamış olduğu interaktif deprem tehlike haritasına bağlı olarak hesaplanmıştır.*

$$S_s = 0,794 \quad S_1 = 0,230$$

- *Yapı Önem Kat sayısı I=1,5 BKS =1*

Bina Kullanım Sınıfları ve Bina Önem Katsayıları



Bina Kullanım Sınıfı	Binanın Kullanım Amacı	Bina Önem Katsayısı (I)
BKS = 1	Deprem sonrası kullanımı gereken binalar, insanların uzun süreli ve yoğun olarak bulunduğu binalar, değerli eşyanın saklandığı binalar ve tehlikeli madde içeren binalar a) Deprem sonrasında hemen kullanılması gerekli binalar (Hastaneler, dispanserler, sağlık ocakları, itfaiye bina ve tesisleri, PTT ve diğer haberleşme tesisleri, ulaşım istasyonları ve terminalleri, enerji üretim ve dağıtım tesisleri; vilayet, kaymakamlık ve belediye yönetim binaları, ilk yardım ve afet planlama istasyonları) b) Okullar, diğer eğitim bina ve tesisleri, yurt ve yatakhaneler, askeri kışlalar, cezaevleri, vb. c) Müzeler d) Toksik, patlayıcı, parlayıcı, vb özellikleri olan maddelerin bulunduğu veya depolandığı binalar	1.5
BKS = 2	İnsanların kısa süreli ve yoğun olarak bulunduğu binalar Alışveriş merkezleri, spor tesisleri, sinema, tiyatro, konser salonları, ibadethaneler, vb.	1.2
BKS = 3	Diğer binalar Yukarıdaki tanımlara girmeyen diğer binalar (Konutlar, işyerleri, oteller, bina türü endüstri yapıları, vb)	1.0

- Taşıyıcı Sistem Davranış Katsayısı

Tablo 4.1 (devamı)

Bina Taşıyıcı Sistemi	Taşıyıcı Sistem Davranış Katsayısı R	Dayanım Fazlalığı Katsayısı D	İzin Verilen Bina Yükseklik Sınıfları BYS
D. HAFİF ÇELİK BİNA TAŞIYICI SİSTEMLERİ			
D1. Süneklik Düzeyi Yüksek Taşıyıcı Sistemler			
Deprem etkilerinin tamamının vidalı, bulonlu sac, OSB veya kontrplak (plywood) duvar panelleri ile karşılandığı süneklik düzeyi yüksek hafif çelik binalar	4	2	BYS = 8
D2. Süneklik Düzeyi Sınırlı Taşıyıcı Sistemler (Bkz.4.3.4.1)			
Deprem etkilerinin tamamının alçı levhalar içeren kaplamalı veya çaprazlı panellerle karşılandığı süneklik düzeyi sınırlı hafif çelik binalar	3	2	BYS = 8

Projemizde taşıyıcı sistem davranış katsayısı **R=3 (D2.)** alınacaktır.

- Zemin Sınıfı : ZD

Yerel Zemin Sınıfı	Zemin Cinsi	Üst 30 metrede ortalama		
		$(V_s)_{30}$ [m/s]	$(N_{60})_{30}$ [darbe/30 cm]	$(C_u)_{30}$ [kPa]
ZA	Sağlam, sert kayalar	> 1500	-	-
ZB	Az ayrılmış, orta sağlam kayalar	760 - 1500	-	-
ZC	Çok sıkı kum, çakıl ve sert kil tabakaları veya ayrılmış, çok çatlaklı zayıf kayalar	360 - 760	> 50	> 250
ZD	Orta sıkı – sıkı kum, çakıl veya çok katı kil tabakaları	180 - 360	15 - 50	70 - 250
ZE	Gevşek kum, çakıl veya yumuşak – katı kil tabakaları veya $PI > 20$ ve $w > \% 40$ koşullarını sağlayan toplamda 3 metreden daha kalın yumuşak kil tabakası ($C_u < 25$ kPa) içeren profiller	< 180	< 15	< 70
ZF	Sahaya özel araştırma ve değerlendirme gerektiren zeminler: 1) Deprem etkisi altında çökme ve potansiyel göçme riskine sahip zeminler (sıvılaşabilir zeminler, yüksek derecede hassas killeri, göçebilir zayıf çimentolu zeminler vb.), 2) Toplam kalınlığı 3 metreden fazla turba ve/veya organik içeriği yüksek killeri, 3) Toplam kalınlığı 8 metreden fazla olan yüksek plastisiteli ($PI > 50$) killeri, 4) Çok kalın (> 35 m) yumuşak veya orta katı killeri.			

- $S_{ds} = 0,939$ $S_{d1} = 0,492$
- Deprem Tasarım Sınıfı (DTS) : 1a

Tablo 3.2 – Deprem Tasarım Sınıfları (DTS)

DD-2 Deprem Yer Hareketi Düzeyinde Kısa Periyot Tasarım Spektral İvme Katsayısı (S_{DS})	Bina Kullanım Sınıfı	
	BKS = 1	BKS = 2, 3
$S_{DS} < 0.33$	DTS = 4a	DTS = 4
$0.33 \leq S_{DS} < 0.50$	DTS = 3a	DTS = 3
$0.50 \leq S_{DS} < 0.75$	DTS = 2a	DTS = 2
$0.75 \leq S_{DS}$	DTS = 1a	DTS = 1

- Bina Yükseklik Sınıfı (BYS) : 8

Tablo 3.3 – Bina Yükseklik Sınıfları ve Deprem Tasarım Sınıflarına Göre Tanımlanan Bina Yükseklik Aralıkları

Bina Yükseklik Sınıfı	Bina Yükseklik Sınıfları ve Deprem Tasarım Sınıflarına Göre Tanımlanan Bina Yükseklik Aralıkları [m]		
	DTS = 1, 1a, 2, 2a	DTS = 3, 3a	DTS = 4, 4a
BYS = 1	$H_N > 70$	$H_N > 91$	$H_N > 105$
BYS = 2	$56 < H_N \leq 70$	$70 < H_N \leq 91$	$91 < H_N \leq 105$
BYS = 3	$42 < H_N \leq 56$	$56 < H_N \leq 70$	$56 < H_N \leq 91$
BYS = 4	$28 < H_N \leq 42$	$42 < H_N \leq 56$	
BYS = 5	$17.5 < H_N \leq 28$	$28 < H_N \leq 42$	
BYS = 6	$10.5 < H_N \leq 17.5$	$17.5 < H_N \leq 28$	
BYS = 7	$7 < H_N \leq 10.5$	$10.5 < H_N \leq 17.5$	
BYS = 8	$H_N \leq 7$	$H_N \leq 10.5$	

3.4 KULLANILABİLİRLİK SINIR DURUMLARI VE ÖTELEME PARAMETRELERİ

3.4.1 Elemanlarda Sehimin Sınırlandırılması

Çelik Yapıların Tasarım Ve Yapım Kuralları 2018 Yönetmeliği ' ne göre çelik yapılarda izin verilen sehim sınırları şu şekilde tanımlanmıştır;

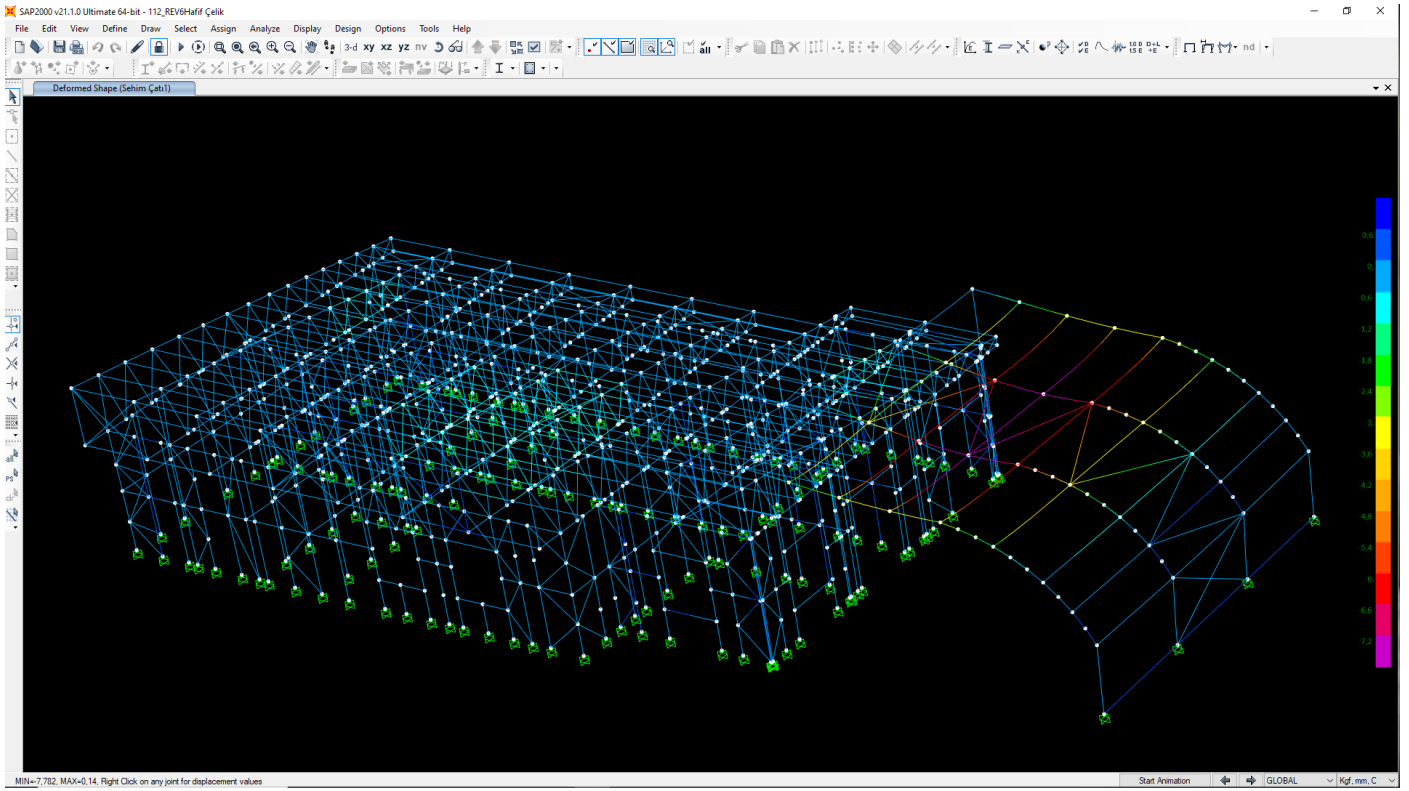
15.2 DÜŞEY YERDEĞİŞTİRME (SEHİM) KONTROLLERİ

Yapısal olmayan elemanların hasar görmemesi, fonksiyonlarının olumsuz etkilenmemesi, ikinci mertbe etkilerinin aşırı değerler almaması ve göz güvenliğinin bozulmaması için, düşey yerdeğıştirmelerin sınırlandırılması gerekmektedir.

Hareketli yüklerden oluşan düşey yerdeğıştirmelerin (sehimlerin) açıklığa oranı, kat döşemelerinde 1/360, çatı döşemelerinde 1/240 sınır değerini aşmayacaktır.

Sabit yükler ve hareketli yükler (kar yükleri) altında, **Bölüm 15.1** de verilen ilgili yük birleşimleri ve notlar gözönünde tutularak hesaplanan toplam düşey yerdeğıştirmelerin açıklığa oranı 1/300 sınır değerini aşmayacaktır. Konsol elemanlarda düşey yerdeğıştirmenin konsol boyuna oranı 1/150 sınır değerini aşmamalıdır.

Üst geçit köprüleri ve kren yolları gibi sistemlerde, toplam düşey yerdeğıştirmelerin açıklığa oranı daha küçük değerler almaktadır.



$L/300 = 4000/300 = 13 \text{ mm} > 8 \text{ mm}$ OLDUĞU İÇİN SEHİM SINIRLAR İÇERİSİNDEDİR

2. YÜK ANALİZİ veYÜKLEMELER

4.1. YÜK ANALİZİ

4.1.1 SabitYükler

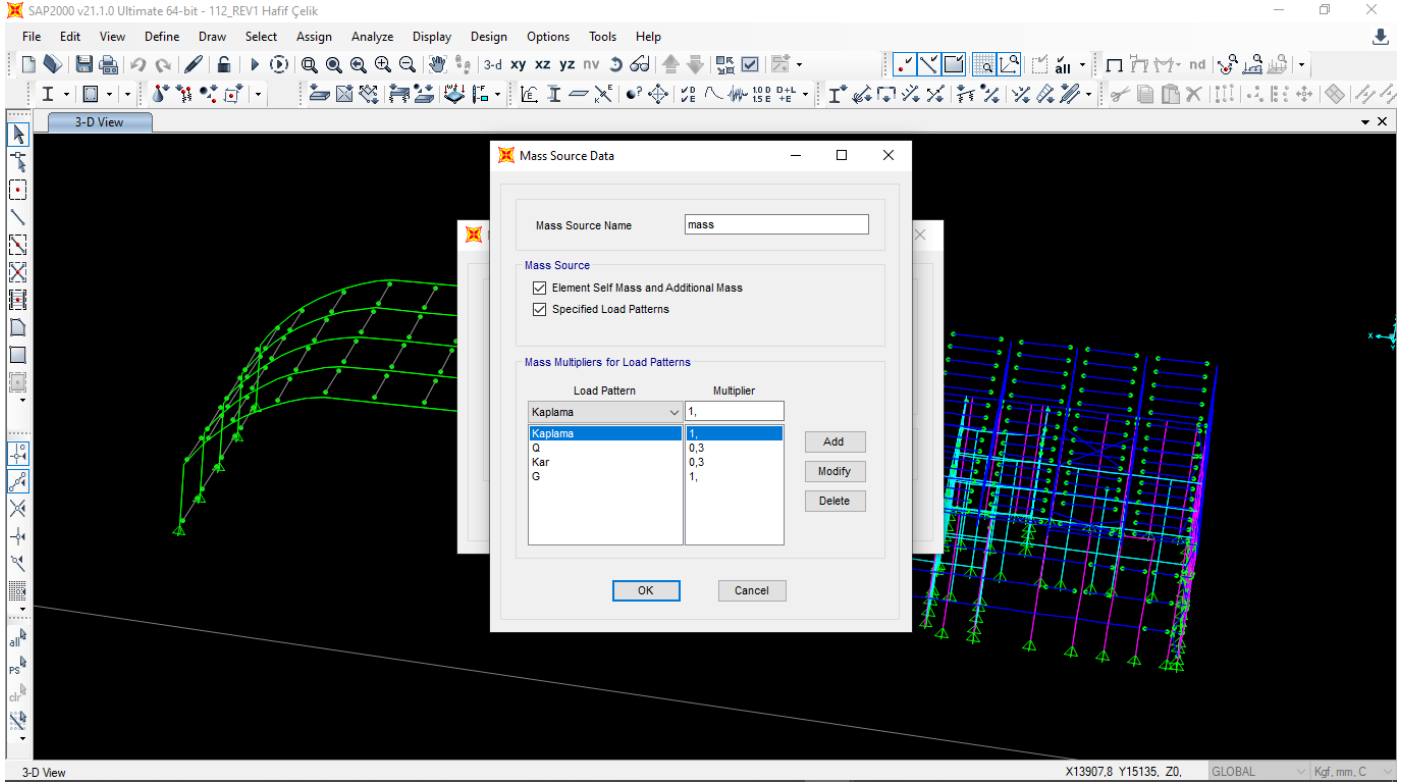
YÜK TİPİ	YÜK BİRLEŞİMİ	YÜK ADI	TANIMI	BÜYÜKLÜK
DÜŞEY YÜKLER	G	KAPLAMA	80 mm taş yünü dolgulu sandeviç panel	50 kg/m ²
		KAPLAMA	10 mm kalınlığında polikarbon levha	10 kg/m ²
	G	KAPLAMA	Mekanik Aksam ve Alçıpan Levha	20 kg/m ²
	G	ZATİ	Sistemin Ağırlığı	-

4.1.2 DiğerYükler

YATAY YÜKLER	Q	KAR	Kar Yüğü	176 kg/m ²
		HAREKETLİ	Hareketli Yüğü	
		HAREKETLİ		
		RÜZGAR	Rüzgar Yüğü	50 kg/m ²
		ISI	Sıcaklık Farkı Yüğü	+20°C
		ISI	Sıcaklık Farkı Yüğü	-20°C

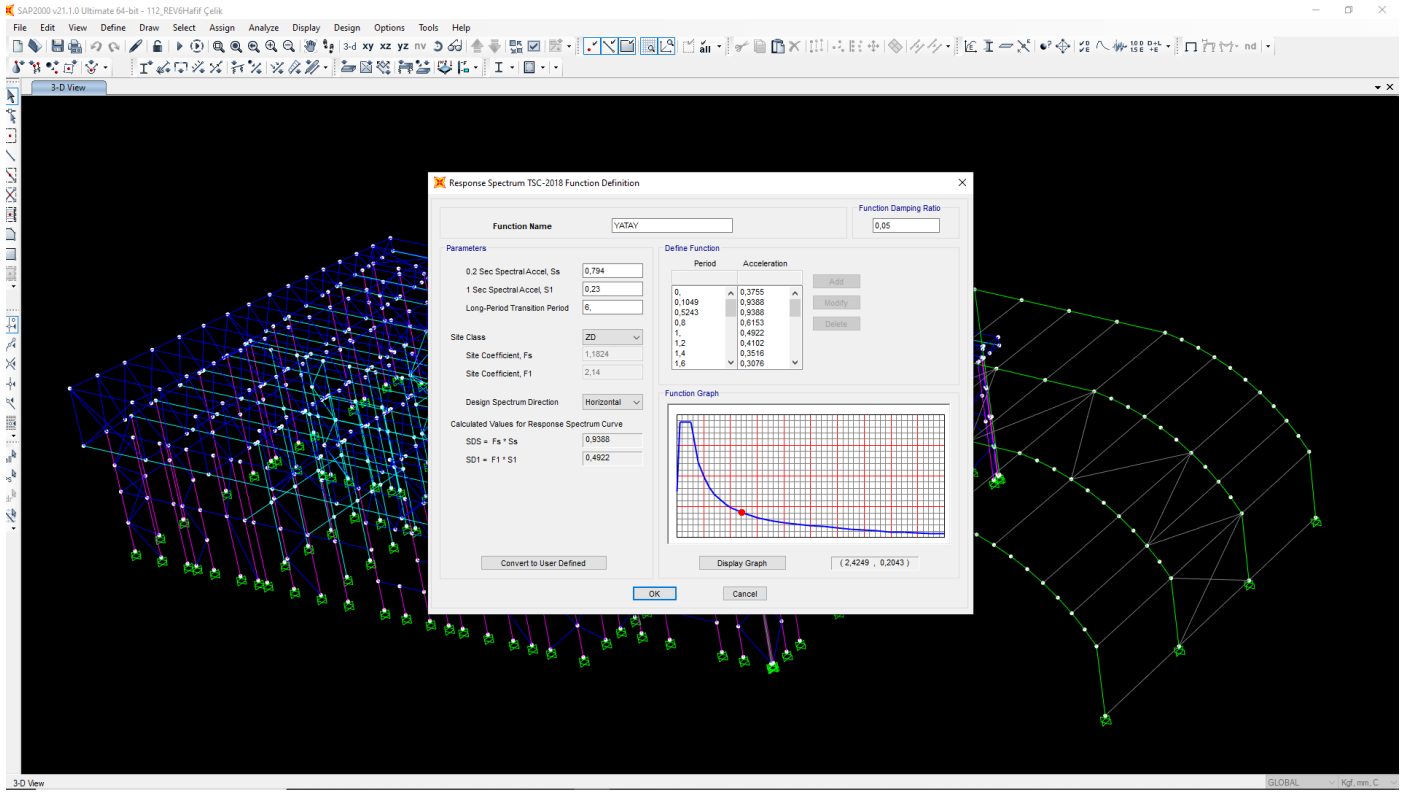
Deprem Yüğü

Deprem yüklerinin hesabında kullanılacak yapı ağırlığı (W); Ölü yüklere hareketli yüklerin hareketli yük katılım *katsayısı* oranında katılımı ile hesaplanacaktır. Deprem yüklerinin belirlenmesinde kullanılacak yapı ağırlığının hesabında hareketli yüklerinin %30'ı gözönüne alınacaktır. Modal ve eşdeğer deprem yükü ile yapılan deprem yükü hesapları, bu yapı ağırlığı doğrultusunda hesaplanacaktır. Sap2000 programında yapı ağırlığı tanımlaması olan "Mass Source" aşağıda yer almaktadır



Deprem Yüğü (Yatay)

Modal hesap yöntemleri ile doğrusal deprem hesabı kategorisine giren Mod Birleştirme Yöntemi ile deprem hesabı ile yapılacaktır. Bu yöntemde öncelikli olarak tasarım ivme spektrum katsayılarına göre T_a ve T_b değeri bulunur.



Ardından TBDY 2018 ' de bulunan formüllerle yeni bir tasarım spektrumu hazırlanır;

4.4.1. Yatay Deprem Etkisi Altında Azaltılmış Tasarım İvme Spektrumu

4.7 ve 4.8.2'de verilen hesap yöntemlerinde *yatay doğrultuda azaltılmış deprem yükleri*'nin belirlenmesi için kullanılacak *azaltılmış tasarım ivme spektrumu*'nun belirli bir T doğal titreşim periyodu için ordinatı olan *azaltılmış tasarım spektral ivmesi* $S_{aR}(T)$, Denk.(4.8) ile tanımlanmıştır:

$$S_{aR}(T) = \frac{S_{ae}(T)}{R_a(T)} \quad (4.8)$$

$$S_{aeD}(T) = \left(0.32 + 0.48 \frac{T}{T_{AD}} \right) S_{DS} \quad (0 \leq T \leq T_{AD})$$

$$S_{aeD}(T) = 0.8 S_{DS} \quad (T_{AD} \leq T \leq T_{BD})$$

$$S_{aeD}(T) = 0.8 S_{DS} \frac{T_{BD}}{T} \quad (T_{BD} \leq T \leq T_{LD})$$

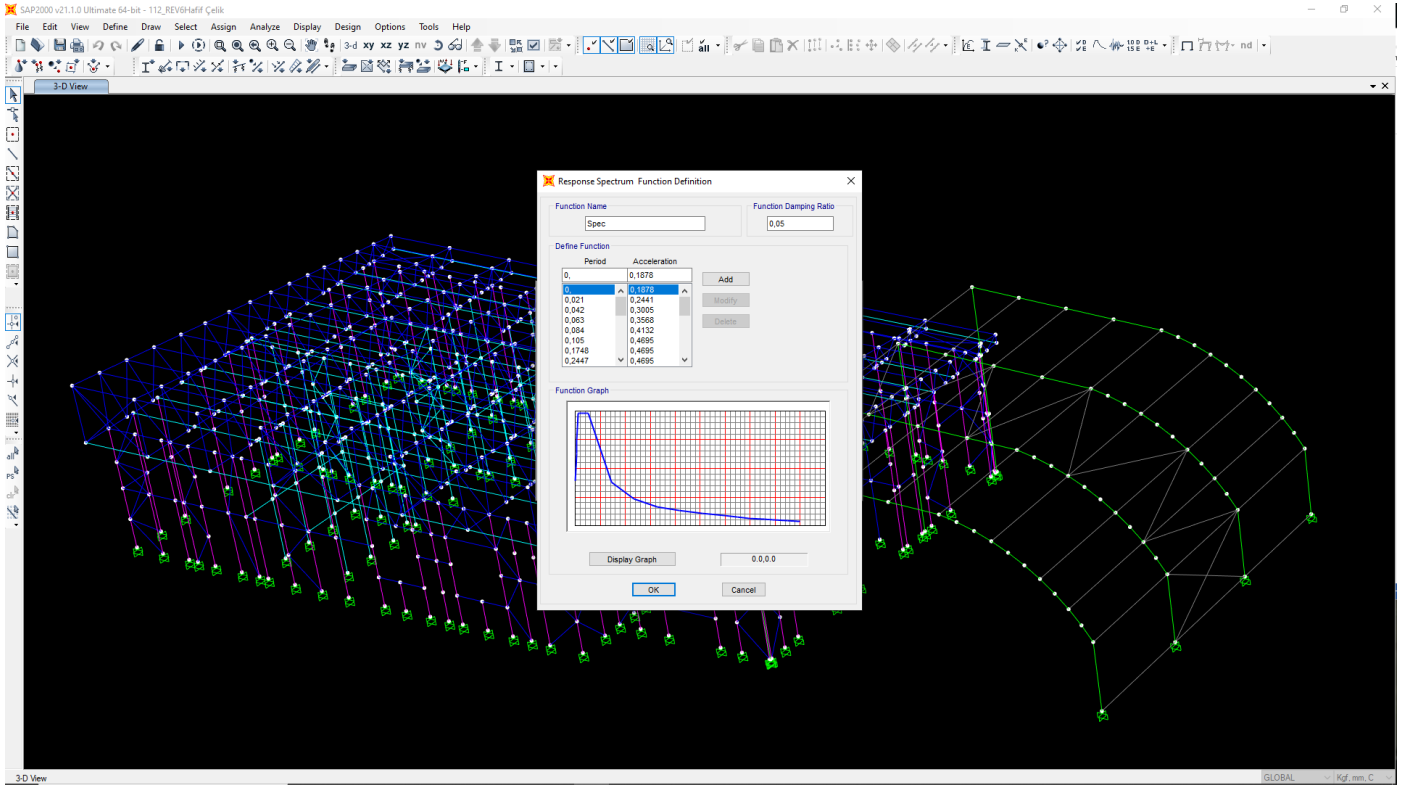
4.2.1.2 – EK 4A'da yapılan tanıma göre doğrusal elastik deprem yüklerinin azaltılmasında esas alınacak *Deprem Yüğü Azaltma Katsayısı* $R_a(T)$ aşağıdaki şekilde tanımlanmıştır:

$$R_a(T) = \frac{R}{I} \quad T > T_B \quad (4.1a)$$

$$R_a(T) = D + \left(\frac{R}{I} - D \right) \frac{T}{T_B} \quad T \leq T_B \quad (4.1b)$$

Yukarıda açıklamaları ile birlikte yer alan formüller ile yeni ivmeler hesaplandıktan sonra bu değerler programa girilir. Mod birleştirme yöntemi ile hesaplanacak olan deprem yükleri için

hazırlanan spektrum şu şekildedir;



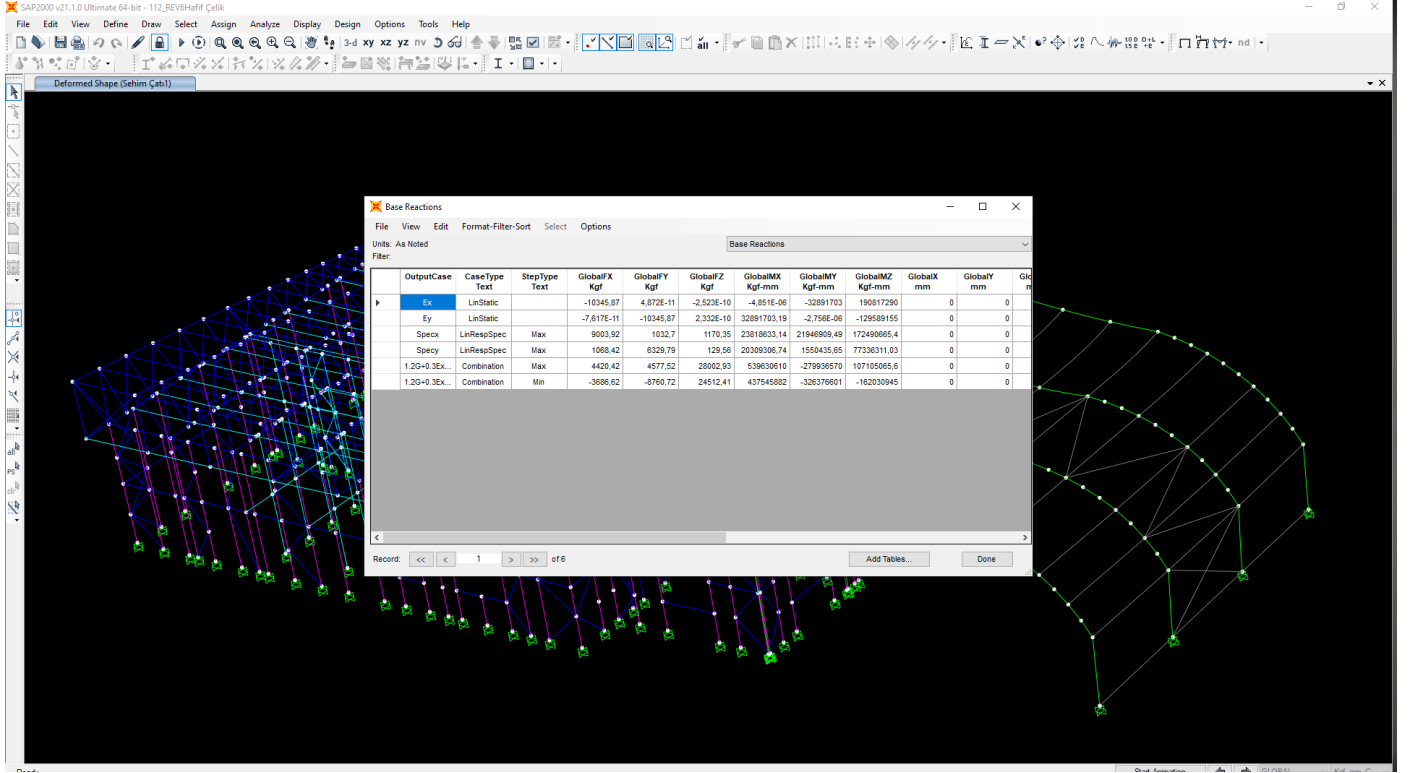
Mod birleştirme yöntemi için hazırlanan spektrum sonrası bulunan deprem yükleri yönetmelik uyarınca Eş Değer Deprem Yüğü yöntemi ile bulunan değerin 0,9 katından küçük olamaz;

4.8.4.1 – Herhangi bir (X) deprem doğrultusu için $V_{tx}^{(X)} < \gamma_E V_{tE}^{(X)}$ olması durumunda, **4.8.2** veya **4.8.3**'e göre uygulanan modal hesap yöntemi ile elde edilen tüm azaltılmış iç kuvvet ve yerdeğiştirme büyüklükleri, **Denk.(4.31)** ile verilen eşdeğer taban kesme kuvveti büyütme katsayısı $\beta_{tE}^{(X)}$ ile çarpılarak büyütülecektir.

$$\beta_{tE}^{(X)} = \frac{\gamma_E V_{tE}^{(X)}}{V_{tx}^{(X)}} \geq 1 \quad (4.31)$$

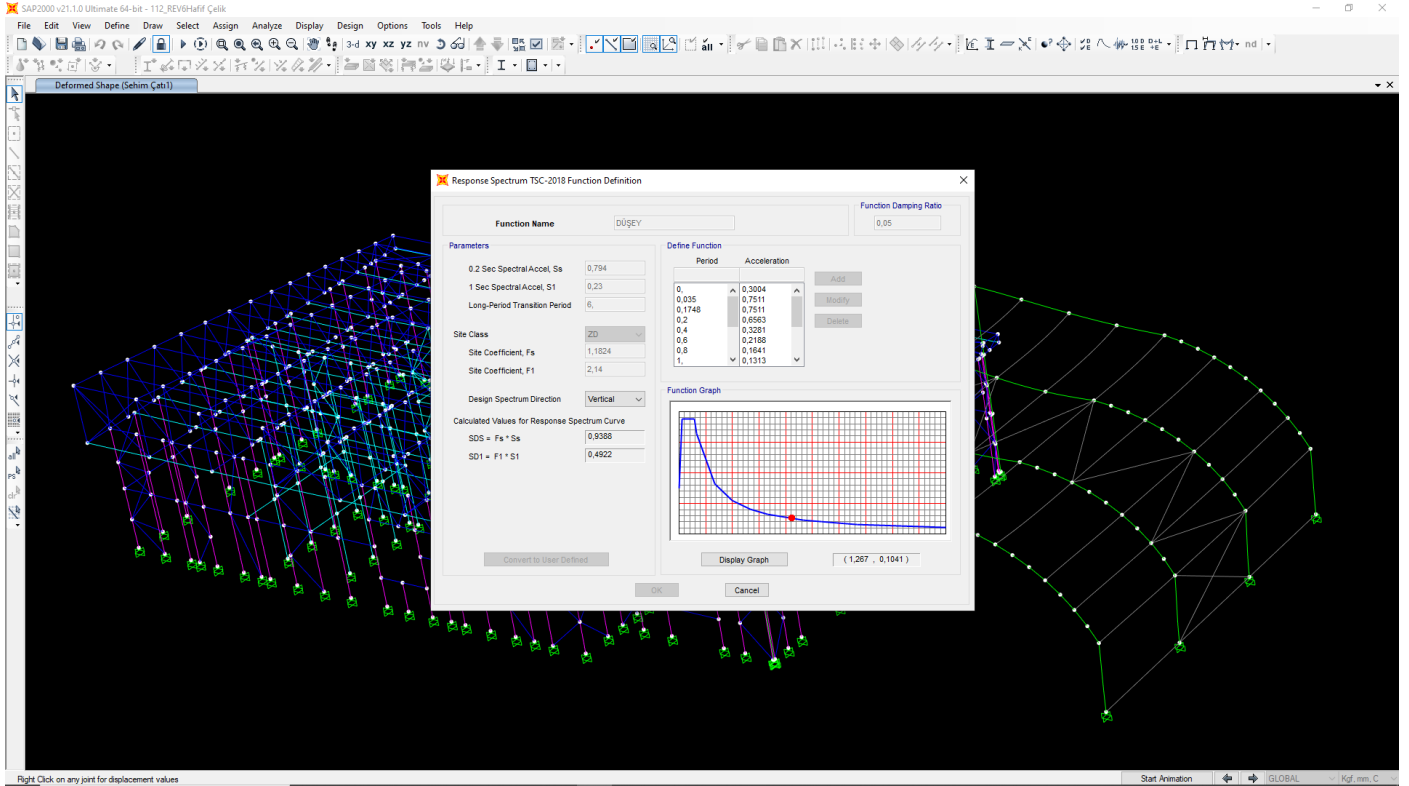
Yönetmeliğimizde bulunan bu koşulu araştırmak için sayısal model programına Eş Değer Deprem Yüğü değerini hesaplayacak olan E_x ve E_y tanımlamaları girilir. Aynı şekilde Mod Birleştirme Yöntemine göre hesaplanacak olan deprem yükü değerlerini hesaplayabilmek için Specx ve Specy tanımlamaları yapıldıktan sonra base reactions tablosundan bu değerler karşılaştırılır. Oran sağlanmıyor ise TBDY 4.31 denkleminde belirtilmiş olan formül ile Specx ve Specy değerleri arttırılır. Analiz de kullanılacak olan deprem yükleri için tanımlanan Specx ve Specy şu şekildedir;

Table: Base Reactions



Deprem Yüğü (Düşey)

Düşey deprem yüğü için R/I ve D değeri 1 olarak girilmesi gerektiğinden yeni bir tasarım spektrumu hazırlanmasına gerek yoktur. Düşey ivme tasarım spektrumu şu şekildedir;



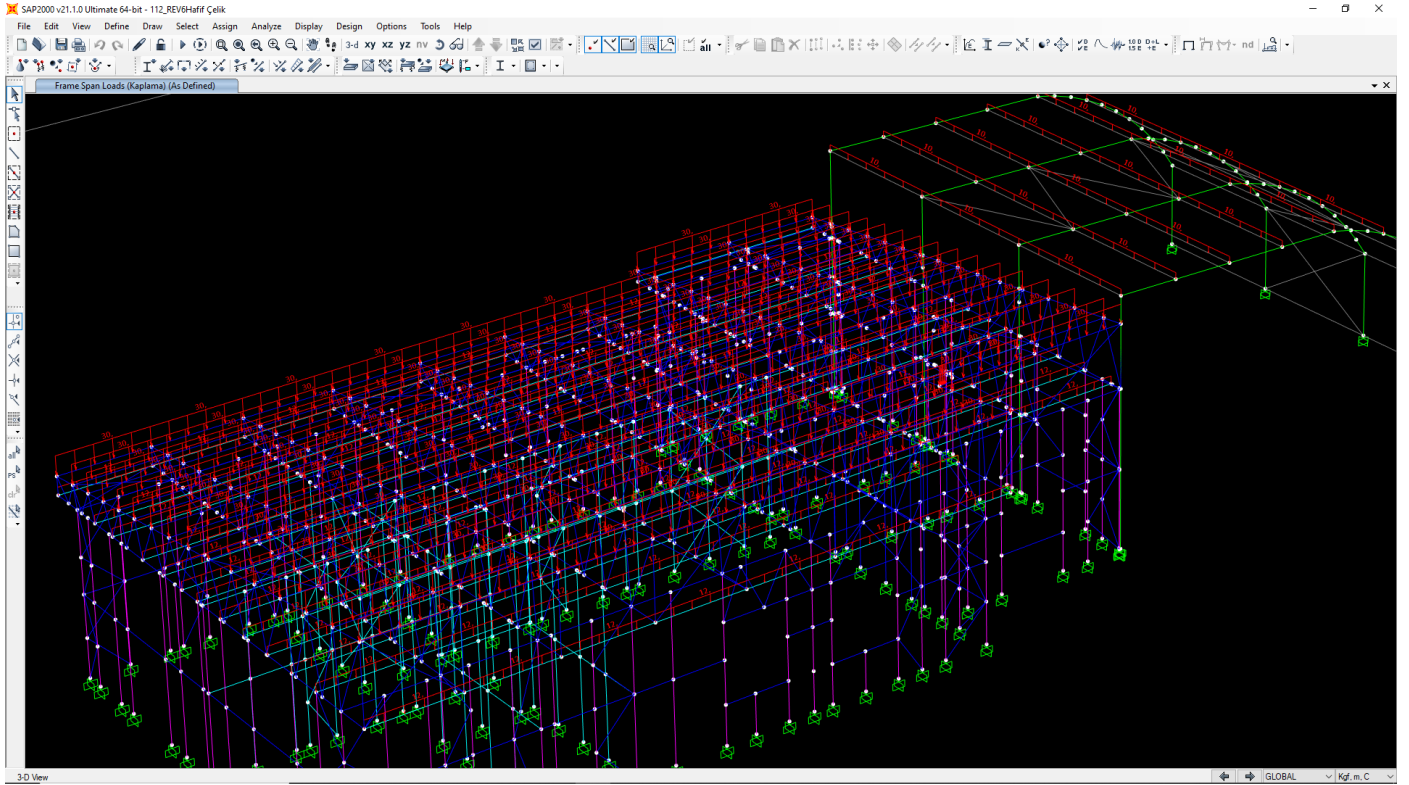
5. YAPISAL SİSTEMİN ANALİZİ VE BOYUTLANDIRMA

5.1. BİLGİSAYAR MODELİ TANIMLARI

5.1.1.1. Ölü Yükler

Yapı elemanlarının zati ağırlıkları (ZATI) Sap2000 programı tarafından sisteme otomatik olarak etkilmektedir. Zati yük hesaplarında, yapısal çelik birim hacim ağırlığı=7.85 t/m3 olarak program tarafından alınmaktadır.

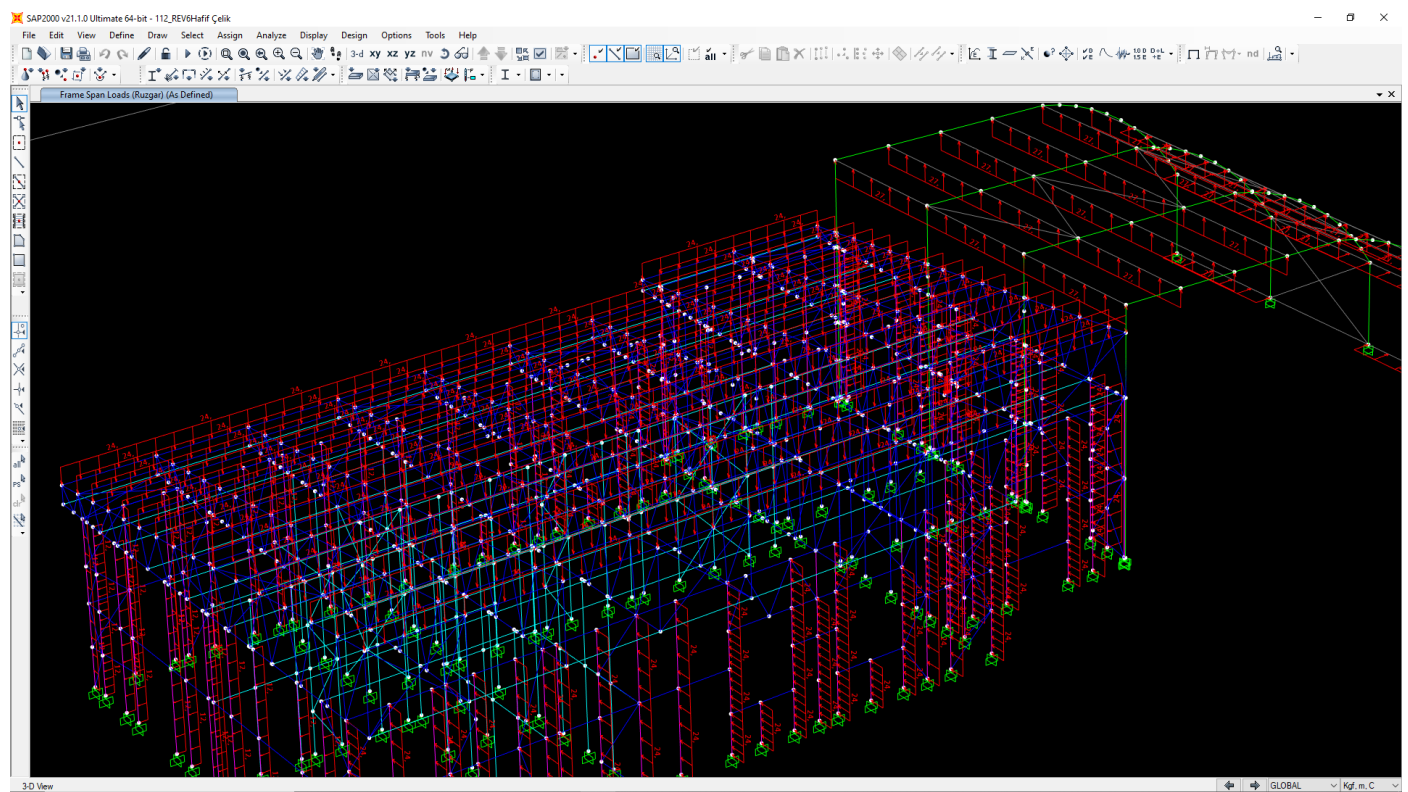
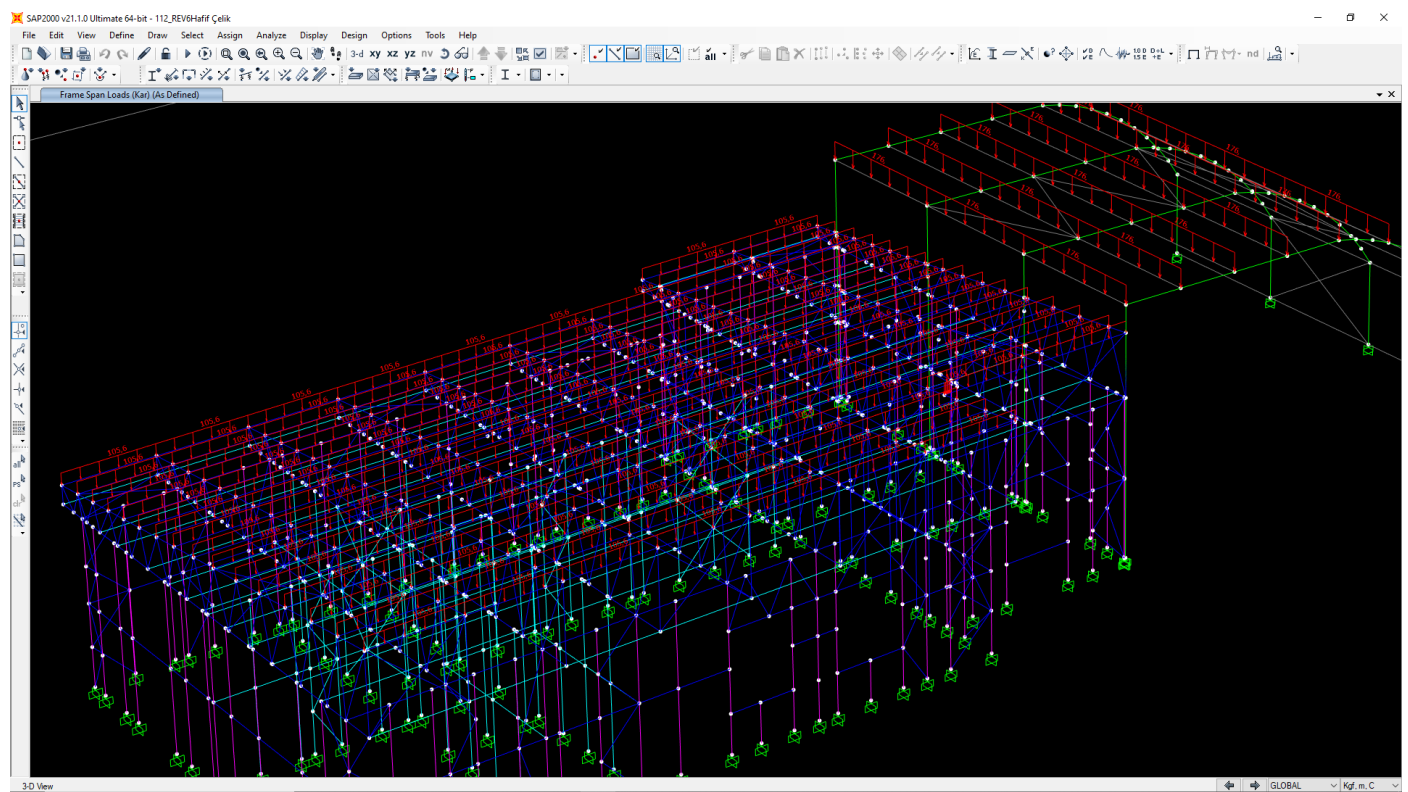
Kaplama yükleri mimari projeye uygun olarak hesaplanmış olup “KAPLAMA” yüklemesi adı altında sisteme etkilmiştir. Kaplama, 80 mm taş yünü dolgulu sandviç panel ile 10 mm polikarbon levha ve mekanik tesisat ağırlığı ile teşkil edilecektir. Kaplama yükü **50.0 kg/m² - 10 kg/m² - 20 kg/m²** olarak hesaplara dahil edilmiştir.



5.1.1.2. Hareketli Yükler

Muş İlinde TS498 yönetmeliğine göre 4. Kar bölgesinde yer almakta olup yaklaşık 1350 m rakımında yer aldığından, dikkate alınması gereken kar yükü **176 kg/m² dir.**

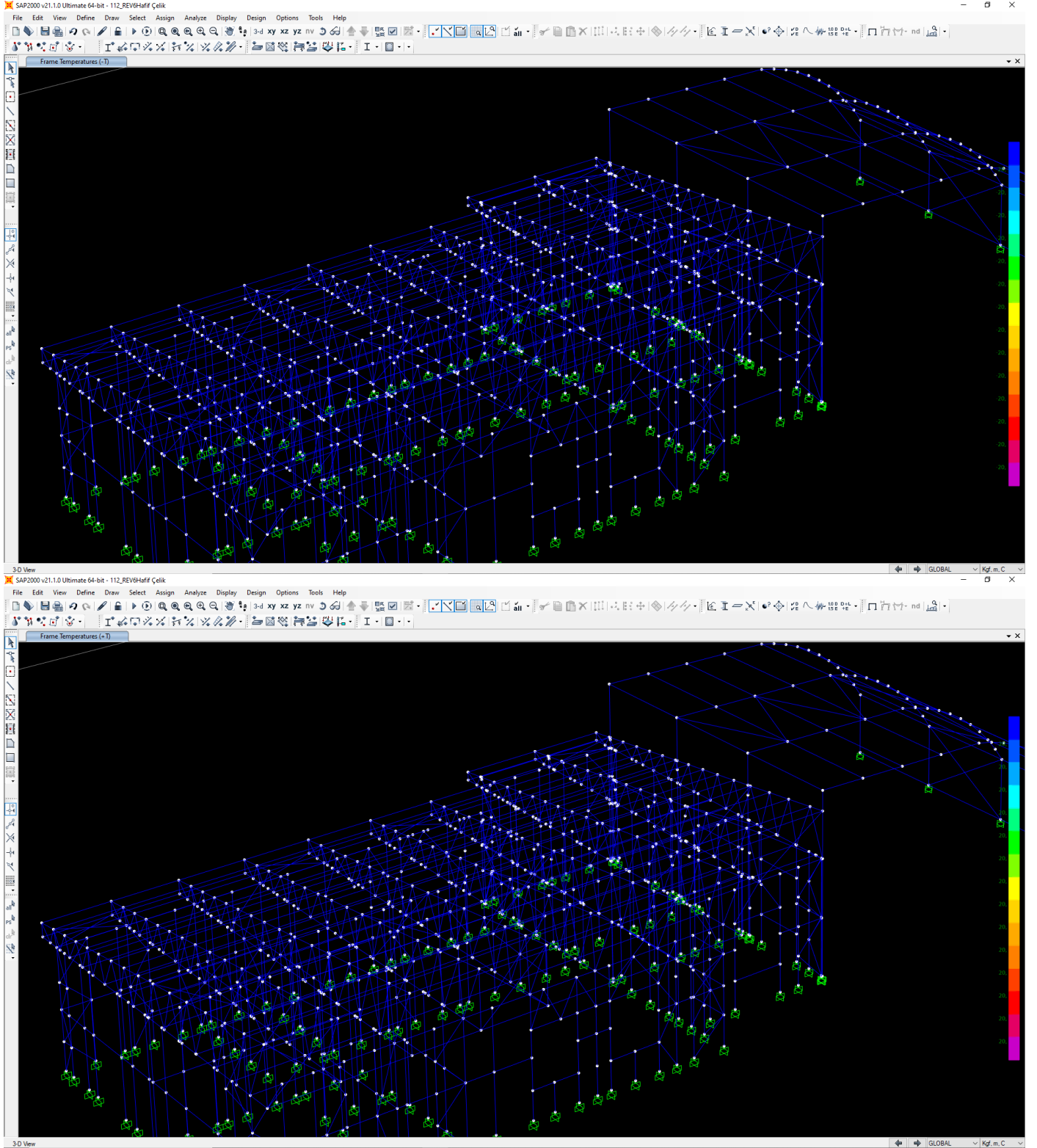
Yapıya etkiyecek rüzgar yükü, TS EN 1991-1-4 koşullarına göre hesaplanmıştır. **50 kg/m²** olarak dahil edilmiştir.



5.1.1.1.

Isı Değişim Yükleri

Sıcaklık farkından doğan yükler Modelde +T ve -T yüklemesi olarak gösterilmiş ve imalat sonrası ortam sıcaklığının + 20 C° ve - 20 C° değişeceği varsayılarak yükleme bütün elemanlara uygulanmıştır.

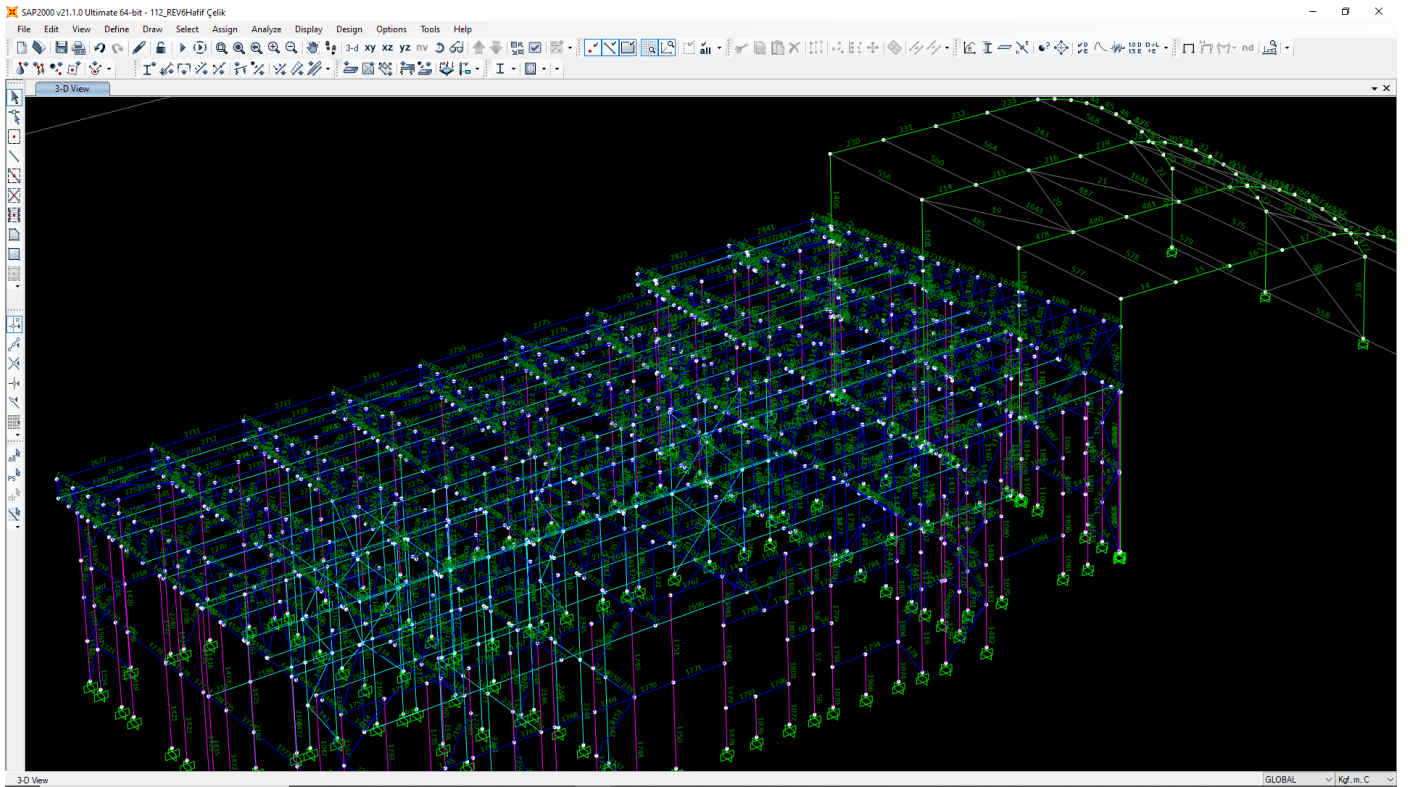


TAŞIYICI SİSTEMİN BOYUTLANDIRILMASI VE KAPASİTE DEĞERLERİ

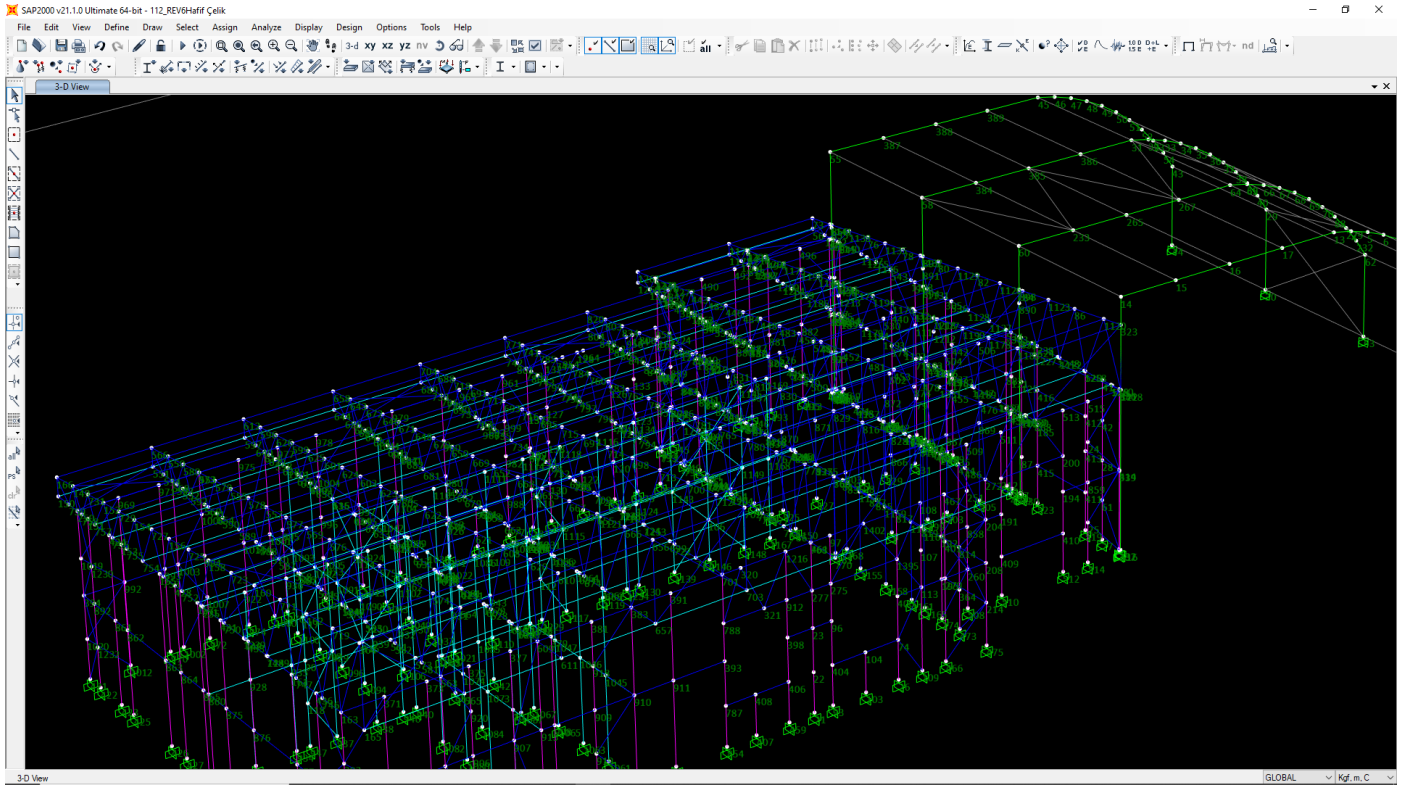
Uygun olarak idealleştirilip 3 boyutlu modellenen taşıyıcı sistemin analizi ve çelik tasarımı SAP2000 programı yardımı ile yapılmıştır..

Yapısal çelik elemanlara ait kapasite oranlarını (DCR) tablolar halinde verebilmek için elemanların numaralandırılması aşağıdaki şekillerde akslara göre gösterilmiştir. Ardından verilen tablolarda kombinasyonlara göre detaylı olarak kapasite oranları incelenebilir.

1. Çubuk Elemanlarının İsimlendirilmesi



2. Düğüm Noktası Elemanlarının İsimlendirilmesi



Data -Materials

	Material	E(MPa)	G(MPa)	NI	LX(1/°C)	RO(kN/m3)	Re(MPa)
1	S275	205000,	80000,	0,	0,00	77,01	275,
2	S235	210000,	81000,	0,	0,00	77,01	235,

Loads –Cases

Table: Combination Definitions

Table: Combination Definitions						
ComboName	ComboType	AutoDesign	CaseType	CaseName	Scale Factor	SteelDesign
Olu	Linear Add	No	Linear Static	G	1	None
Olu			Linear Static	Kaplama	1	
1.4G	Linear Add	No	Response Combo	Olu	1,4	Strength
1.2G+1.6Q+0.5S	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6Q+0.5S			Linear Static	Q	1,6	

Table: Combination Definitions

ComboName	ComboType	AutoDesign	CaseType	CaseName	Scale Factor	SteelDesign
1.2G+1.6Q+0.5S	Linear Add	No	Linear Static	Kar	0,5	Strength
1.2G+1.6S+0.8W			Response Combo	Olu	1,2	
1.2G+1.6S+0.8W			Linear Static	Rüzgar	0,8	
1.2G+1.6S+0.8W	Linear Add	No	Linear Static	Kar	1,6	Strength
1.2G+1.6W+Q+0.5S			Response Combo	Olu	1,2	
1.2G+1.6W+Q+0.5S			Linear Static	Rüzgar	1,6	
1.2G+1.6W+Q+0.5S	Linear Add	No	Linear Static	Q	1	Strength
1.2G+1.6W+Q+0.5S			Linear Static	Kar	0,5	
0.9G+1.6W			Response Combo	Olu	0,9	
0.9G+1.6W	Linear Add	No	Linear Static	Rüzgar	1,6	Deflection
Sehim Kontrol(Kompozit)			Response Combo	Olu	1	
Sehim Kontrol(Kompozit)			Linear Static	Q	0,5	
Sehim Çatı1	Linear Add	No	Response Combo	Olu	1	Deflection
Sehim Çatı1			Linear Static	Q	1	
Sehim Çatı 2			Response Combo	Olu	1	
Sehim Çatı 2	Linear Add	No	Linear Static	Kar	0,5	None
Yatay Yer Deg. Kontrol			Response Combo	Olu	1	
Yatay Yer Deg. Kontrol			Linear Static	Rüzgar	1	
Yatay Yer Deg. Kontrol	Linear Add	No	Linear Static	Q	5	Strength
1.2G+1.6S+0.8W2			Response Combo	Olu	1,2	
1.2G+1.6S+0.8W2			Linear Static	Rüzgar2	0,8	
1.2G+1.6S+0.8W2	Linear Add	No	Linear Static	Kar	1,6	Strength
1.2G+1.6W2+Q+0.5S			Response Combo	Olu	1,2	
1.2G+1.6W2+Q+0.5S			Linear Static	Rüzgar2	1,6	
1.2G+1.6W2+Q+0.5S	Linear Add	No	Linear Static	Q	1	Strength
1.2G+1.6W2+Q+0.5S			Linear Static	Kar	0,5	
0.9G+1.6W2			Response Combo	Olu	0,9	
0.9G+1.6W2	Linear Add	No	Linear Static	Rüzgar2	1,6	None
Yatay Yer Deg. Kontrol2			Response Combo	Olu	1	
Yatay Yer Deg. Kontrol2			Linear Static	Rüzgar2	1	
Yatay Yer Deg. Kontrol2	Linear Add	No	Linear Static	Q	5	Strength
1.4G+t			Response Combo	Olu	1,4	
1.4G+t			Linear Static	+T	1	
1.4G-t	Linear Add	No	Response Combo	Olu	1,4	Strength
1.4G-t			Linear Static	-T	1	
1.2G+1.6Q+0.5S+t			Response Combo	Olu	1,2	Strength
1.2G+1.6Q+0.5S+t	Linear Add	No	Linear Static	Q	1,6	
1.2G+1.6Q+0.5S+t			Linear Static	Kar	0,5	
1.2G+1.6Q+0.5S+t			Linear Static	+T	1	Strength
1.2G+1.6Q+0.5S-t	Linear Add	No	Response Combo	Olu	1,2	
1.2G+1.6Q+0.5S-t			Linear Static	Q	1,6	
1.2G+1.6Q+0.5S-t			Linear Static	Kar	0,5	
1.2G+1.6Q+0.5S-t	Linear Add	No	Linear Static	-T	1	Strength
1.2G+1.6S+0.8W+t			Response Combo	Olu	1,2	
1.2G+1.6S+0.8W+t			Linear Static	Rüzgar	0,8	
1.2G+1.6S+0.8W+t	Linear Add	No	Linear Static	Kar	1,6	Strength
1.2G+1.6S+0.8W+t			Linear Static	+T	1	
1.2G+1.6S+0.8W-t			Response Combo	Olu	1,2	
1.2G+1.6S+0.8W-t	Linear Add	No	Linear Static	Rüzgar	0,8	Strength
1.2G+1.6S+0.8W-t			Linear Static	Kar	1,6	
1.2G+1.6S+0.8W-t			Linear Static	-T	1	
1.2G+1.6W+Q+0.5S+t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6W+Q+0.5S+t			Linear Static	Rüzgar	1,6	
1.2G+1.6W+Q+0.5S+t			Linear Static	Q	1	
1.2G+1.6W+Q+0.5S+t	Linear Add	No	Linear Static	Kar	0,5	Strength
1.2G+1.6W+Q+0.5S+t			Linear Static	+T	1	
1.2G+1.6W+Q+0.5S-t			Response Combo	Olu	1,2	
1.2G+1.6W+Q+0.5S-t	Linear Add	No	Linear Static	Rüzgar	1,6	Strength
1.2G+1.6W+Q+0.5S-t			Linear Static	Q	1	
1.2G+1.6W+Q+0.5S-t			Linear Static	Kar	0,5	
1.2G+1.6W+Q+0.5S-t	Linear Add	No	Linear Static	-T	1	Strength
1.2G+1.6W+Q+0.5S-t			Linear Static	-T	1	
1.2G+1.6W+Q+0.5S-t			Linear Static	-T	1	

Table: Combination Definitions

ComboName	ComboType	AutoDesign	CaseType	CaseName	Scale Factor	SteelDesign
0.9G+1.6W+t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+1.6W+t			Linear Static	Rüzgar	1,6	
0.9G+1.6W+t			Linear Static	+T	1	
0.9G+1.6W-t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+1.6W-t			Linear Static	Rüzgar	1,6	
0.9G+1.6W-t			Linear Static	-T	1	
1.2G+1.6S+0.8W2+t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6S+0.8W2+t			Linear Static	Rüzgar2	0,8	
1.2G+1.6S+0.8W2+t			Linear Static	Kar	1,6	
1.2G+1.6S+0.8W2-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6S+0.8W2-t			Linear Static	Rüzgar2	0,8	
1.2G+1.6S+0.8W2-t			Linear Static	Kar	1,6	
1.2G+1.6S+0.8W2-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6W2+Q+0.5S+t			Linear Static	Rüzgar2	1,6	
1.2G+1.6W2+Q+0.5S+t			Linear Static	Q	1	
1.2G+1.6W2+Q+0.5S+t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6W2+Q+0.5S+t			Linear Static	Kar	0,5	
1.2G+1.6W2+Q+0.5S+t			Linear Static	+T	1	
1.2G+1.6W2+Q+0.5S-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+1.6W2+Q+0.5S-t			Linear Static	Rüzgar2	1,6	
1.2G+1.6W2+Q+0.5S-t			Linear Static	Q	1	
1.2G+1.6W2+Q+0.5S-t	Linear Add	No	Response Combo	Olu	0,9	Strength
1.2G+1.6W2+Q+0.5S-t			Linear Static	Kar	0,5	
1.2G+1.6W2+Q+0.5S-t			Linear Static	-T	1	
0.9G+1.6W2+t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+1.6W2+t			Linear Static	Rüzgar2	1,6	
0.9G+1.6W2+t			Linear Static	+T	1	
0.9G+1.6W2-t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+1.6W2-t			Linear Static	Rüzgar2	1,6	
0.9G+1.6W2-t			Linear Static	-T	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Response Spectrum	Specx	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Response Spectrum	Specy	0,3	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Response Spectrum	Ez	0,3	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Linear Static	Rüzgar	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S	Linear Add	No	Response Combo	Olu	0,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Linear Static	Kar	0,2	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S			Linear Static	+T	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Specx	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Specy	0,3	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Ez	0,3	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Linear Static	Rüzgar	1	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t	Linear Add	No	Response Combo	Olu	0,2	Strength
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Linear Static	Kar	0,2	
1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t			Linear Static	-T	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Response Spectrum	Specx	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Response Spectrum	Specy	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Response Spectrum	Ez	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Linear Static	Rüzgar	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t	Linear Add	No	Response Combo	Olu	0,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Linear Static	Kar	0,2	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t			Linear Static	+T	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Specx	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Specy	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Ez	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Response Spectrum	Ez	0,3	

Table: Combination Definitions

ComboName	ComboType	AutoDesign	CaseType	CaseName	Scale Factor	SteelDesign
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Linear Static	Rüzgar	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Linear Static	Kar	0,2	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t			Linear Static	-T	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S	Linear Add	No	Response Combo	Olu	1,2	Strength
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S			Response Spectrum	Specx	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S			Response Spectrum	Specy	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S			Response Spectrum	Ez	0,3	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S			Linear Static	Rüzgar	1	
1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S			Linear Static	Kar	0,2	
0.9G+Ex+0.3Ey+0.3Ez	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+Ex+0.3Ey+0.3Ez			Response Spectrum	Specx	1	
0.9G+Ex+0.3Ey+0.3Ez			Response Spectrum	Specy	0,3	
0.9G+Ex+0.3Ey+0.3Ez			Response Spectrum	Ez	0,3	
0.9G+0.3Ex+Ey+0.3Ez	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+0.3Ex+Ey+0.3Ez			Response Spectrum	Specx	0,3	
0.9G+0.3Ex+Ey+0.3Ez			Response Spectrum	Specy	1	
0.9G+0.3Ex+Ey+0.3Ez			Response Spectrum	Ez	0,3	
0.9G+Ex+0.3Ey+0.3Ez+t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+Ex+0.3Ey+0.3Ez+t			Response Spectrum	Specx	1	
0.9G+Ex+0.3Ey+0.3Ez+t			Response Spectrum	Specy	0,3	
0.9G+Ex+0.3Ey+0.3Ez+t			Response Spectrum	Ez	0,3	
0.9G+Ex+0.3Ey+0.3Ez+t			Linear Static	+T	1	
0.9G+Ex+0.3Ey+0.3Ez-t	Linear Add	No	Response Combo	Olu	0,9	Strength
0.9G+Ex+0.3Ey+0.3Ez-t			Response Spectrum	Specx	1	
0.9G+Ex+0.3Ey+0.3Ez-t			Response Spectrum	Specy	0,3	
0.9G+Ex+0.3Ey+0.3Ez-t			Response Spectrum	Ez	0,3	
0.9G+Ex+0.3Ey+0.3Ez-t			Linear Static	-T	1	
1,2G+0,5Q+0,2S	Linear Add	No	Response Combo	Olu	1,2	Strength
1,2G+0,5Q+0,2S			Linear Static	Rüzgar	0,5	
1,2G+0,5Q+0,2S			Linear Static	Kar	0,2	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t	Linear Add	No	Response Combo	Olu	1,2	None
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Response Spectrum	Specx	0,3	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Response Spectrum	Specy	3	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Response Spectrum	Ez	0,3	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Linear Static	Rüzgar	1	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Linear Static	Kar	0,2	
1,2G+0,3EX+3Ey+0,3Ez+Q+0,2S+t			Linear Static	+T	1	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t	Linear Add	No	Response Combo	Olu	1,2	None
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Response Spectrum	Specx	3	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Response Spectrum	Specy	0,3	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Response Spectrum	Ez	0,3	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Linear Static	Rüzgar	1	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Linear Static	Kar	0,2	
1,2G+0,3Ey+3Ex+0,3Ez+Q+0,2S+t			Linear Static	+T	1	

ANALİZ SONUÇLARI (ELEMEN KAPSİTE ORANLARI)

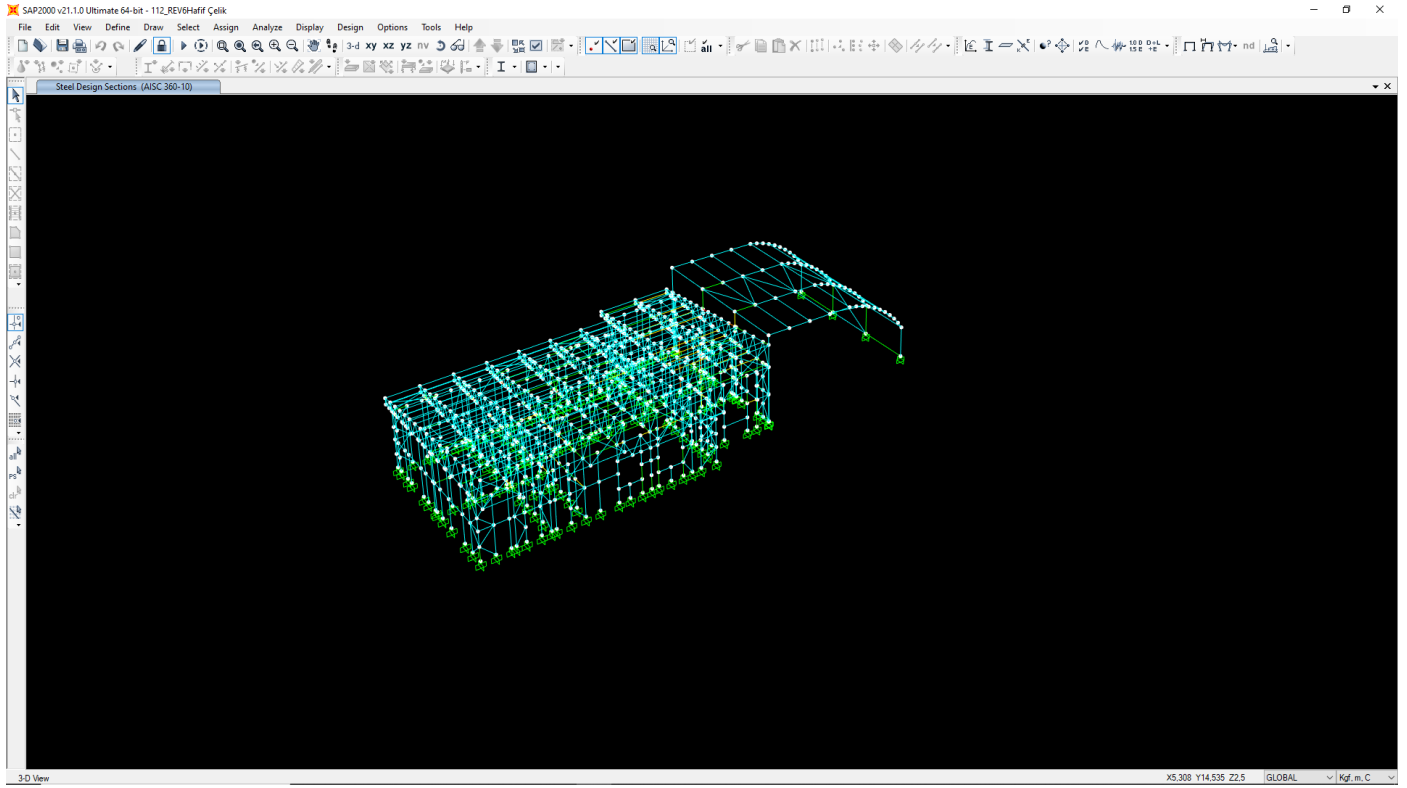


Table: Steel Design 1 - Summary Data - AISC 360-10,

TABLE: Steel Design 1 - Summary Data - AISC 360-10						
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo
Text	Text	Text	Text	Unitless	Text	Text
12	cc45-140-12-1,2	Beam	No Messages	0,138397	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
27	INP160	Column	No Messages	0,636457	PMM	1.2G+1.6S+0.8W2+t
28	INP160	Brace	No Messages	0,296011	PMM	DSTL9
29	INP160	Brace	No Messages	0,194794	PMM	1.2G+1.6S+0.8W-t
30	INP160	Brace	No Messages	0,152533	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
31	INP160	Brace	No Messages	0,173912	PMM	1.2G+1.6S+0.8W2+t
32	INP160	Brace	No Messages	0,271308	PMM	1.2G+1.6S+0.8W2+t
33	INP160	Brace	No Messages	0,341237	PMM	1.2G+1.6S+0.8W2+t
34	INP160	Brace	No Messages	0,377787	PMM	1.2G+1.6S+0.8W2+t
35	INP160	Brace	No Messages	0,411688	PMM	DSTL9
36	INP160	Brace	No Messages	0,400413	PMM	DSTL9
37	INP160	Brace	No Messages	0,396244	PMM	DSTL9
40	INP160	Column	No Messages	0,274036	PMM	1.2G+1.6S+0.8W+t
41	INP160	Brace	No Messages	0,237069	PMM	DSTL9
42	INP160	Brace	No Messages	0,163503	PMM	DSTL9
43	INP160	Brace	No Messages	0,107234	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
44	INP160	Brace	No Messages	0,102488	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t

45	INP160	Brace	No Messages	0,111591	PMM	1.2G+1.6S+0.8W2+t
46	INP160	Brace	No Messages	0,142977	PMM	1.2G+1.6S+0.8W+t
47	INP160	Brace	No Messages	0,149872	PMM	1.2G+1.6S+0.8W2+t
48	INP160	Brace	No Messages	0,180383	PMM	1.2G+1.6S+0.8W+t
49	INP160	Brace	No Messages	0,177677	PMM	1.2G+1.6S+0.8W-t
50	INP160	Brace	No Messages	0,202844	PMM	1.2G+1.6S+0.8W-t
76	cc45-140-12-1,2	Beam	No Messages	0,37255	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
78	cc45-140-12-1,2	Beam	No Messages	0,41524	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
161	cc45-140-12-1,2	Column	No Messages	0,076367	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
163	cc45-140-12-1,2	Column	No Messages	0,000974	PMM	DSTL24
214	INP160	Brace	No Messages	0,674777	PMM	DSTL9
215	INP160	Brace	No Messages	0,387382	PMM	DSTL9
216	INP160	Brace	No Messages	0,475226	PMM	DSTL9
229	INP160	Brace	No Messages	0,476236	PMM	DSTL9
230	INP160	Brace	No Messages	0,29345	PMM	DSTL9
231	INP160	Brace	No Messages	0,158952	PMM	1.2G+1.6S+0.8W-t
232	INP160	Brace	No Messages	0,216438	PMM	DSTL9
233	INP160	Brace	No Messages	0,224706	PMM	DSTL9
243	RHS40*80*3	Beam	No Messages	0,387189	PMM	DSTL9
496	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,204191	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
556	RHS40*80*3	Beam	No Messages	0,420823	PMM	DSTL9
560	RHS40*80*3	Beam	No Messages	0,420075	PMM	DSTL9
564	RHS40*80*3	Beam	No Messages	0,396142	PMM	DSTL9
568	RHS40*80*3	Beam	No Messages	0,397832	PMM	DSTL9
576	RHS40*80*3	Beam	No Messages	0,445206	PMM	DSTL9
580	RHS40*80*3	Beam	No Messages	0,16792	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
584	RHS40*80*3	Beam	No Messages	0,162029	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
588	RHS40*80*3	Beam	No Messages	0,137332	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
592	RHS40*80*3	Beam	No Messages	0,552579	PMM	1.2G+1.6W+Q+0.5S+t
721	cc45-140-12-1,2	Brace	No Messages	0,115176	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
722	cc45-140-12-1,2	Brace	No Messages	0,11928	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
723	cc45-140-12-1,2	Brace	No Messages	0,079556	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
724	cc45-140-12-1,2	Brace	No Messages	0,089055	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
725	cc45-140-12-1,2	Brace	No Messages	0,046461	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
726	cc45-140-12-1,2	Brace	No Messages	0,054035	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
727	cc45-140-12-1,2	Brace	No Messages	0,096117	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
728	cc45-140-12-1,2	Brace	No Messages	0,100551	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
729	cc45-140-12-1,2	Brace	No Messages	0,097943	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
730	cc45-140-12-1,2	Brace	No Messages	0,094597	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
731	cc45-140-12-1,2	Brace	No Messages	0,083412	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
732	cc45-140-12-1,2	Brace	No Messages	0,065858	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
733	cc45-140-12-1,2	Brace	No Messages	0,096593	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
734	cc45-140-12-1,2	Brace	No Messages	0,096891	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
735	cc45-140-12-1,2	Brace	No Messages	0,09684	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
736	cc45-140-12-1,2	Brace	No Messages	0,115632	PMM	1.2G+1.6S+0.8W+t
737	cc45-140-12-1,2	Brace	No Messages	0,09492	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
738	cc45-140-12-1,2	Brace	No Messages	0,096292	PMM	1.2G+1.6S+0.8W2+t

739	cc45-140-12-1,2	Brace	No Messages	0,06429	PMM	1.2G+1.6S+0.8W+t
740	cc45-140-12-1,2	Brace	No Messages	0,069818	PMM	1.2G+1.6S+0.8W+t
741	cc45-140-12-1,2	Brace	No Messages	0,098558	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
742	cc45-140-12-1,2	Brace	No Messages	0,082047	PMM	1.2G+1.6S+0.8W+t
743	cc45-140-12-1,2	Brace	No Messages	0,122606	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
744	cc45-140-12-1,2	Brace	No Messages	0,168506	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
745	cc45-140-12-1,2	Brace	No Messages	0,12937	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
746	cc45-140-12-1,2	Brace	No Messages	0,128534	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
747	cc45-140-12-1,2	Brace	No Messages	0,080526	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
748	cc45-140-12-1,2	Brace	No Messages	0,066381	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
959	cc45-140-12-1,2	Brace	No Messages	0,071725	PMM	0.9G+Ex+0.3Ey+0.3Ez-t
960	cc45-140-12-1,2	Brace	No Messages	0,072532	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
961	cc45-140-12-1,2	Brace	No Messages	0,040362	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
962	cc45-140-12-1,2	Brace	No Messages	0,033379	PMM	DSTL19
966	cc45-140-12-1,2	Beam	No Messages	0,374766	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
968	cc45-140-12-1,2	Brace	No Messages	0,087837	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
969	cc45-140-12-1,2	Brace	No Messages	0,09144	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
970	cc45-140-12-1,2	Brace	No Messages	0,096271	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
972	cc45-140-12-1,2	Brace	No Messages	0,080824	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
989	cc45-140-12-1,2	Brace	No Messages	0,057767	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
990	cc45-140-12-1,2	Brace	No Messages	0,062852	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
991	cc45-140-12-1,2	Brace	No Messages	0,065509	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
992	cc45-140-12-1,2	Brace	No Messages	0,069206	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1085	cc45-140-12-1,2	Brace	No Messages	0,20565	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1087	cc45-140-12-1,2	Brace	No Messages	0,076061	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1297	cc45-140-12-1,2	Brace	No Messages	0,163772	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1298	cc45-140-12-1,2	Brace	No Messages	0,148013	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1299	cc45-140-12-1,2	Brace	No Messages	0,109004	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1300	cc45-140-12-1,2	Brace	No Messages	0,149094	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1301	cc45-140-12-1,2	Brace	No Messages	0,297506	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1302	cc45-140-12-1,2	Brace	No Messages	0,30403	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1304	cc45-140-12-1,2	Brace	No Messages	0,18134	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1305	cc45-140-12-1,2	Brace	No Messages	0,136108	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1306	cc45-140-12-1,2	Brace	No Messages	0,095095	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1307	cc45-140-12-1,2	Brace	No Messages	0,102776	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1308	cc45-140-12-1,2	Brace	No Messages	0,107441	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1309	cc45-140-12-1,2	Brace	No Messages	0,126984	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1310	cc45-140-12-1,2	Brace	No Messages	0,146357	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1311	cc45-140-12-1,2	Brace	No Messages	0,109601	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1313	cc45-140-12-1,2	Brace	No Messages	0,354722	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1314	cc45-140-12-1,2	Brace	No Messages	0,36899	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1315	cc45-140-12-1,2	Brace	No Messages	0,143077	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1316	cc45-140-12-1,2	Brace	No Messages	0,208585	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1317	cc45-140-12-1,2	Brace	No Messages	0,0833	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1318	cc45-140-12-1,2	Brace	No Messages	0,092341	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1319	cc45-140-12-1,2	Brace	No Messages	0,129662	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1320	cc45-140-12-1,2	Brace	No Messages	0,118442	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

1322	cc45-140-12-1,2	Brace	No Messages	0,048764	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1324	cc45-140-12-1,2	Brace	No Messages	0,110217	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1325	cc45-140-12-1,2	Brace	No Messages	0,106617	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1555	cc45-140-12-1,2	Brace	No Messages	0,029466	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1556	cc45-140-12-1,2	Brace	No Messages	0,034366	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1557	cc45-140-12-1,2	Brace	No Messages	0,037725	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1558	cc45-140-12-1,2	Brace	No Messages	0,087426	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1559	cc45-140-12-1,2	Brace	No Messages	0,076651	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1560	cc45-140-12-1,2	Brace	No Messages	0,07965	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1590	cc45-140-12-1,2	Brace	No Messages	0,051383	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1593	cc45-140-12-1,2	Brace	No Messages	0,070578	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1622	cc45-140-12-1,2	Brace	No Messages	0,08862	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1623	cc45-140-12-1,2	Brace	No Messages	0,097436	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1625	cc45-140-12-1,2	Brace	No Messages	0,060887	PMM	$0.9G+0.3Ex+Ey+0.3Ez$
1966	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,431282	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1969	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,304011	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1970	cc45-140-12-1,2	Column	No Messages	0,983422	PMM	$1.2G+1.6S+0.8W-t$
2153	cc45-140-12-1,2	Brace	No Messages	0,039533	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2154	cc45-140-12-1,2	Brace	No Messages	0,031002	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1742	cc45-140-12-1,2	Brace	No Messages	0,231821	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1743	cc45-140-12-1,2	Brace	No Messages	0,240805	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1744	cc45-140-12-1,2	Brace	No Messages	0,218337	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1746	cc45-140-12-1,2	Brace	No Messages	0,249879	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2010	cc45-140-12-1,2	Brace	No Messages	0,20066	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2250	cc45-140-12-1,2	Brace	No Messages	0,1331	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2251	cc45-140-12-1,2	Column	No Messages	0,134638	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
205	cc45-140-12-1,2	Column	No Messages	0,052868	PMM	$1.2G+1.6S+0.8W2+t$
238	cc45-140-12-1,2	Brace	No Messages	0,015049	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
263	cc45-140-12-1,2	Brace	No Messages	0,022418	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
268	cc45-140-12-1,2	Brace	No Messages	0,018945	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
720	cc45-140-12-1,2	Brace	No Messages	0,027011	PMM	$1.2G+1.6S+0.8W-t$
1	INP160	Column	No Messages	0,337183	PMM	$1.2G+1.6S+0.8W2+t$
2	INP160	Brace	No Messages	0,223565	PMM	$1.2G+1.6S+0.8W-t$
3	INP160	Brace	No Messages	0,16106	PMM	$1.2G+1.6S+0.8W-t$
4	INP160	Brace	No Messages	0,105473	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
5	INP160	Brace	No Messages	0,12903	PMM	$1.2G+1.6S+0.8W2+t$
6	INP160	Brace	No Messages	0,139186	PMM	$1.2G+1.6S+0.8W2+t$
7	INP160	Brace	No Messages	0,16295	PMM	$1.2G+1.6S+0.8W+t$
8	INP160	Brace	No Messages	0,170182	PMM	$1.2G+1.6S+0.8W2+t$
9	INP160	Brace	No Messages	0,187632	PMM	$1.2G+1.6S+0.8W+t$
10	INP160	Brace	No Messages	0,182787	PMM	$1.2G+1.6S+0.8W-t$
11	INP160	Brace	No Messages	0,203831	PMM	$1.2G+1.6S+0.8W-t$
14	INP160	Brace	No Messages	0,265248	PMM	DSTL9
15	INP160	Brace	No Messages	0,167535	PMM	DSTL9
16	INP160	Brace	No Messages	0,208809	PMM	DSTL9
17	INP160	Brace	No Messages	0,222003	PMM	DSTL9
236	INP160	Column	No Messages	0,630518	PMM	$1.2G+1.6S+0.8W2+t$

237	INP160	Brace	No Messages	0,293611	PMM	DSTL9
239	INP160	Brace	No Messages	0,194334	PMM	1.2G+1.6S+0.8W-t
240	INP160	Brace	No Messages	0,153665	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
242	INP160	Brace	No Messages	0,171288	PMM	1.2G+1.6S+0.8W2+t
260	INP160	Brace	No Messages	0,270837	PMM	1.2G+1.6S+0.8W2+t
467	INP160	Brace	No Messages	0,343011	PMM	1.2G+1.6S+0.8W2+t
469	INP160	Brace	No Messages	0,380089	PMM	1.2G+1.6S+0.8W2+t
475	INP160	Brace	No Messages	0,403649	PMM	1.2G+1.6S+0.8W2+t
476	INP160	Brace	No Messages	0,397158	PMM	DSTL9
477	INP160	Brace	No Messages	0,388249	PMM	DSTL9
478	INP160	Brace	No Messages	0,68032	PMM	DSTL9
480	INP160	Brace	No Messages	0,387351	PMM	DSTL9
481	INP160	Brace	No Messages	0,484294	PMM	DSTL9
482	INP160	Brace	No Messages	0,477097	PMM	DSTL9
485	RHS40*80*3	Beam	No Messages	0,402599	PMM	DSTL9
487	RHS40*80*3	Beam	No Messages	0,382735	PMM	DSTL9
493	RHS40*80*3	Beam	No Messages	0,383851	PMM	DSTL9
553	RHS40*80*3	Beam	No Messages	0,415033	PMM	DSTL9
554	RHS40*80*3	Beam	No Messages	0,091016	PMM	1.2G+1.6W+Q+0.5S+t
555	RHS40*80*3	Beam	No Messages	0,094425	PMM	1.2G+1.6W+Q+0.5S-t
557	RHS40*80*3	Beam	No Messages	0,149642	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
558	RHS40*80*3	Beam	No Messages	0,479747	PMM	1.4G+t
575	RHS40*80*3	Beam	No Messages	0,413953	PMM	DSTL9
577	RHS40*80*3	Beam	No Messages	0,466809	PMM	DSTL9
578	RHS40*80*3	Beam	No Messages	0,445602	PMM	DSTL9
579	RHS40*80*3	Beam	No Messages	0,413819	PMM	DSTL9
581	RHS40*80*3	Beam	No Messages	0,401284	PMM	DSTL9
582	RHS40*80*3	Beam	No Messages	0,422999	PMM	DSTL9
583	RHS40*80*3	Beam	No Messages	0,158853	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
585	RHS40*80*3	Beam	No Messages	0,167554	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
586	RHS40*80*3	Beam	No Messages	0,140757	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
587	RHS40*80*3	Beam	No Messages	0,552579	PMM	1.2G+1.6W+Q+0.5S+t
907	INP160	Column	No Messages	0,480287	PMM	DSTL9
979	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,138062	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
983	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,081243	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
985	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,098861	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
987	cc45-140-12-1,2	Column	No Messages	0,307773	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
993	cc45-140-12-1,2	Column	No Messages	0,16355	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
995	cc45-140-12-1,2	Column	No Messages	0,156052	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
997	cc45-140-12-1,2	Column	No Messages	0,161008	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
998	cc45-140-12-1,2	Beam	No Messages	0,412946	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
999	cc45-140-12-1,2	Beam	No Messages	0,334503	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1008	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,267522	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1012	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,2662	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1016	cc45-140-12-1,2	Beam	No Messages	0,477397	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1018	cc45-140-12-1,2	Beam	No Messages	0,82931	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1038	cc45-140-12-1,2	Brace	No Messages	0,039834	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t

1039	cc45-140-12-1,2	Brace	No Messages	0,062394	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1040	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,260894	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1042	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,086845	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1044	cc45-140-12-1,2	Brace	No Messages	0,070975	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1045	cc45-140-12-1,2	Beam	No Messages	0,150442	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1054	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,110628	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1059	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,113455	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1061	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,167487	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1063	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,381035	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1065	cc45-140-12-1,2	Beam	No Messages	0,307087	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1070	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,583743	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1072	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,504631	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1074	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,5829	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1076	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,352204	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1079	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,330679	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1080	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,334528	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1081	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,458947	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1084	cc45-140-12-1,2	Beam	No Messages	0,168461	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1089	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,369341	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1097	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,274147	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1099	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,132107	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1100	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,375061	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1102	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,408722	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1104	cc45-140-12-1,2	Beam	No Messages	0,187018	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1106	cc45-140-12-1,2	Beam	No Messages	0,279356	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1107	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,325231	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1113	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,091429	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1115	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,233644	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1116	cc45-140-12-1,2	Beam	No Messages	0,218626	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1121	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,142714	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1124	cc45-140-12-1,2	Brace	No Messages	0,043642	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1125	cc45-140-12-1,2	Brace	No Messages	0,084719	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1126	cc45-140-12-1,2	Column	No Messages	0,062176	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1130	cc45-140-12-1,2	Brace	No Messages	0,120426	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1131	cc45-140-12-1,2	Brace	No Messages	0,130875	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1132	cc45-140-12-1,2	Brace	No Messages	0,160147	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1133	cc45-140-12-1,2	Brace	No Messages	0,150545	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1134	cc45-140-12-1,2	Brace	No Messages	0,12773	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1135	cc45-140-12-1,2	Brace	No Messages	0,089225	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1136	cc45-140-12-1,2	Brace	No Messages	0,103419	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1137	cc45-140-12-1,2	Brace	No Messages	0,084317	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1138	cc45-140-12-1,2	Brace	No Messages	0,089004	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1139	cc45-140-12-1,2	Brace	No Messages	0,084617	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1140	cc45-140-12-1,2	Brace	No Messages	0,082323	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1141	cc45-140-12-1,2	Brace	No Messages	0,08666	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1142	cc45-140-12-1,2	Brace	No Messages	0,073502	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1143	cc45-140-12-1,2	Brace	No Messages	0,11293	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t

1144	cc45-140-12-1,2	Brace	No Messages	0,137134	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1145	cc45-140-12-1,2	Brace	No Messages	0,128908	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1146	cc45-140-12-1,2	Brace	No Messages	0,049597	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1147	cc45-140-12-1,2	Brace	No Messages	0,049569	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1148	cc45-140-12-1,2	Brace	No Messages	0,058111	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1149	cc45-140-12-1,2	Brace	No Messages	0,080855	PMM	$1.2G+1.6S+0.8W+t$
1150	cc45-140-12-1,2	Brace	No Messages	0,173491	PMM	$1.2G+1.6S+0.8W+2t$
1151	cc45-140-12-1,2	Brace	No Messages	0,100379	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1152	cc45-140-12-1,2	Brace	No Messages	0,110754	PMM	$1.2G+1.6S+0.8W-t$
1153	cc45-140-12-1,2	Brace	No Messages	0,109088	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1154	cc45-140-12-1,2	Brace	No Messages	0,093965	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1155	cc45-140-12-1,2	Brace	No Messages	0,096727	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1156	cc45-140-12-1,2	Brace	No Messages	0,330725	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1158	cc45-140-12-1,2	Brace	No Messages	0,277091	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1159	cc45-140-12-1,2	Brace	No Messages	0,095835	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1160	cc45-140-12-1,2	Column	No Messages	0,14153	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1161	cc45-140-12-1,2	Column	No Messages	0,091589	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
1162	cc45-140-12-1,2	Column	No Messages	0,003243	PMM	DSTL24
1165	cc45-140-12-1,2	Brace	No Messages	0,112544	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1166	cc45-140-12-1,2	Brace	No Messages	0,12088	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1167	cc45-140-12-1,2	Brace	No Messages	0,061367	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1168	cc45-140-12-1,2	Brace	No Messages	0,06314	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1169	cc45-140-12-1,2	Brace	No Messages	0,050634	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1170	cc45-140-12-1,2	Brace	No Messages	0,047078	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1171	cc45-140-12-1,2	Brace	No Messages	0,069534	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1172	cc45-140-12-1,2	Brace	No Messages	0,074973	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1173	cc45-140-12-1,2	Brace	No Messages	0,141685	PMM	$1.2G+1.6S+0.8W-t$
1174	cc45-140-12-1,2	Brace	No Messages	0,150615	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1175	cc45-140-12-1,2	Brace	No Messages	0,313235	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1176	cc45-140-12-1,2	Brace	No Messages	0,285447	PMM	$1.2G+1.6S+0.8W-t$
1177	cc45-140-12-1,2	Brace	No Messages	0,159336	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1178	cc45-140-12-1,2	Brace	No Messages	0,149287	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1179	cc45-140-12-1,2	Brace	No Messages	0,155083	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1180	cc45-140-12-1,2	Brace	No Messages	0,15016	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1181	cc45-140-12-1,2	Brace	No Messages	0,112369	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1182	cc45-140-12-1,2	Brace	No Messages	0,122492	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1183	cc45-140-12-1,2	Brace	No Messages	0,051321	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1184	cc45-140-12-1,2	Brace	No Messages	0,034642	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1185	cc45-140-12-1,2	Brace	No Messages	0,108457	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1186	cc45-140-12-1,2	Brace	No Messages	0,05654	PMM	$1.2G+1.6S+0.8W+t$
1187	cc45-140-12-1,2	Brace	No Messages	0,090788	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1188	cc45-140-12-1,2	Brace	No Messages	0,096119	PMM	$1.2G+1.6S+0.8W-t$
1189	cc45-140-12-1,2	Brace	No Messages	0,212886	PMM	$1.2G+1.6S+0.8W+t$
1190	cc45-140-12-1,2	Brace	No Messages	0,237819	PMM	$1.2G+1.6S+0.8W+t$
1191	cc45-140-12-1,2	Brace	No Messages	0,173449	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1192	cc45-140-12-1,2	Brace	No Messages	0,097425	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1193	cc45-140-12-1,2	Brace	No Messages	0,690221	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$

1194	cc45-140-12-1,2	Brace	No Messages	0,223455	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1195	cc45-140-12-1,2	Column	No Messages	0,278256	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1196	cc45-140-12-1,2	Column	No Messages	0,082072	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1197	cc45-140-12-1,2	Column	No Messages	0,002415	PMM	DSTL24
1200	cc45-140-12-1,2	Brace	No Messages	0,073737	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1201	cc45-140-12-1,2	Brace	No Messages	0,079102	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1202	cc45-140-12-1,2	Brace	No Messages	0,056189	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1203	cc45-140-12-1,2	Brace	No Messages	0,066527	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1204	cc45-140-12-1,2	Brace	No Messages	0,083959	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1205	cc45-140-12-1,2	Brace	No Messages	0,09792	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1206	cc45-140-12-1,2	Brace	No Messages	0,067564	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1207	cc45-140-12-1,2	Brace	No Messages	0,093655	PMM	$1.2G+1.6S+0.8W+t$
1208	cc45-140-12-1,2	Brace	No Messages	0,077438	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1209	cc45-140-12-1,2	Brace	No Messages	0,077562	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1210	cc45-140-12-1,2	Brace	No Messages	0,153953	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1211	cc45-140-12-1,2	Brace	No Messages	0,173831	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1212	cc45-140-12-1,2	Brace	No Messages	0,182251	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1213	cc45-140-12-1,2	Brace	No Messages	0,169126	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1214	cc45-140-12-1,2	Brace	No Messages	0,253561	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1215	cc45-140-12-1,2	Brace	No Messages	0,259996	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1216	cc45-140-12-1,2	Brace	No Messages	0,173715	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1217	cc45-140-12-1,2	Brace	No Messages	0,206508	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1218	cc45-140-12-1,2	Brace	No Messages	0,170435	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1219	cc45-140-12-1,2	Brace	No Messages	0,184559	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1220	cc45-140-12-1,2	Brace	No Messages	0,125654	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1221	cc45-140-12-1,2	Brace	No Messages	0,087591	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1222	cc45-140-12-1,2	Brace	No Messages	0,131899	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1223	cc45-140-12-1,2	Brace	No Messages	0,120027	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1224	cc45-140-12-1,2	Brace	No Messages	0,138187	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1225	cc45-140-12-1,2	Brace	No Messages	0,163411	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1226	cc45-140-12-1,2	Brace	No Messages	0,159004	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1227	cc45-140-12-1,2	Brace	No Messages	0,1282	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1228	cc45-140-12-1,2	Brace	No Messages	0,396821	PMM	DSTL19
1229	cc45-140-12-1,2	Brace	No Messages	0,177258	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1230	cc45-140-12-1,2	Column	No Messages	0,219996	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1231	cc45-140-12-1,2	Column	No Messages	0,080508	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1232	cc45-140-12-1,2	Column	No Messages	0,002688	PMM	DSTL24
1235	cc45-140-12-1,2	Brace	No Messages	0,156346	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1236	cc45-140-12-1,2	Column	No Messages	0,205564	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1237	cc45-140-12-1,2	Brace	No Messages	0,082178	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1238	cc45-140-12-1,2	Brace	No Messages	0,094894	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1239	cc45-140-12-1,2	Brace	No Messages	0,214117	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1240	cc45-140-12-1,2	Brace	No Messages	0,259249	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1241	cc45-140-12-1,2	Brace	No Messages	0,11746	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1242	cc45-140-12-1,2	Brace	No Messages	0,150012	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1243	cc45-140-12-1,2	Brace	No Messages	0,133579	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1244	cc45-140-12-1,2	Brace	No Messages	0,124835	PMM	DSTL19

1245	cc45-140-12-1,2	Brace	No Messages	0,252941	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1246	cc45-140-12-1,2	Brace	No Messages	0,236899	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1247	cc45-140-12-1,2	Brace	No Messages	0,161211	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1248	cc45-140-12-1,2	Brace	No Messages	0,177605	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1249	cc45-140-12-1,2	Brace	No Messages	0,352382	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1250	cc45-140-12-1,2	Brace	No Messages	0,353264	PMM	DSTL19
1251	cc45-140-12-1,2	Brace	No Messages	0,152755	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1252	cc45-140-12-1,2	Brace	No Messages	0,117533	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1253	cc45-140-12-1,2	Brace	No Messages	0,110049	PMM	$1.2G+1.6S+0.8W-t$
1254	cc45-140-12-1,2	Brace	No Messages	0,131635	PMM	$1.2G+1.6S+0.8W-t$
1255	cc45-140-12-1,2	Brace	No Messages	0,148751	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1256	cc45-140-12-1,2	Brace	No Messages	0,106708	PMM	DSTL19
1257	cc45-140-12-1,2	Brace	No Messages	0,14926	PMM	$1.2G+1.6S+0.8W-t$
1258	cc45-140-12-1,2	Brace	No Messages	0,111507	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1259	cc45-140-12-1,2	Brace	No Messages	0,180122	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1260	cc45-140-12-1,2	Brace	No Messages	0,189807	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1261	cc45-140-12-1,2	Brace	No Messages	0,182371	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1262	cc45-140-12-1,2	Brace	No Messages	0,172211	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1263	cc45-140-12-1,2	Brace	No Messages	0,201246	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1264	cc45-140-12-1,2	Brace	No Messages	0,11155	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1265	cc45-140-12-1,2	Column	No Messages	0,131157	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1266	cc45-140-12-1,2	Column	No Messages	0,071196	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1267	cc45-140-12-1,2	Column	No Messages	0,002901	PMM	DSTL24
1270	cc45-140-12-1,2	Brace	No Messages	0,135684	PMM	$1.2G+1.6S+0.8W+t$
1271	cc45-140-12-1,2	Column	No Messages	0,217322	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1272	cc45-140-12-1,2	Brace	No Messages	0,08203	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1273	cc45-140-12-1,2	Brace	No Messages	0,08732	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1274	cc45-140-12-1,2	Brace	No Messages	0,065877	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1275	cc45-140-12-1,2	Brace	No Messages	0,058636	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1276	cc45-140-12-1,2	Brace	No Messages	0,061075	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1277	cc45-140-12-1,2	Brace	No Messages	0,077063	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1278	cc45-140-12-1,2	Brace	No Messages	0,089323	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1279	cc45-140-12-1,2	Brace	No Messages	0,075278	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1280	cc45-140-12-1,2	Brace	No Messages	0,134991	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1281	cc45-140-12-1,2	Brace	No Messages	0,136557	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1282	cc45-140-12-1,2	Brace	No Messages	0,276677	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1283	cc45-140-12-1,2	Brace	No Messages	0,296168	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1284	cc45-140-12-1,2	Brace	No Messages	0,625283	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1285	cc45-140-12-1,2	Brace	No Messages	0,574724	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1286	cc45-140-12-1,2	Brace	No Messages	0,184544	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1287	cc45-140-12-1,2	Brace	No Messages	0,158845	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1288	cc45-140-12-1,2	Brace	No Messages	0,074577	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1289	cc45-140-12-1,2	Brace	No Messages	0,053191	PMM	$1.2G+1.6S+0.8W-t$
1290	cc45-140-12-1,2	Brace	No Messages	0,119277	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1291	cc45-140-12-1,2	Brace	No Messages	0,043153	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1292	cc45-140-12-1,2	Brace	No Messages	0,086855	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1293	cc45-140-12-1,2	Brace	No Messages	0,065118	PMM	$1.2G+1.6S+0.8W+t$

1294	cc45-140-12-1,2	Brace	No Messages	0,186281	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1295	cc45-140-12-1,2	Brace	No Messages	0,195854	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1296	cc45-140-12-1,2	Brace	No Messages	0,152001	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1321	cc45-140-12-1,2	Brace	No Messages	0,186477	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1326	cc45-140-12-1,2	Brace	No Messages	0,085336	PMM	$1.2G+1.6S+0.8W-t$
1327	cc45-140-12-1,2	Brace	No Messages	0,12034	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1328	cc45-140-12-1,2	Column	No Messages	0,173737	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1329	cc45-140-12-1,2	Column	No Messages	0,084287	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1330	cc45-140-12-1,2	Column	No Messages	0,003444	PMM	DSTL24
1333	cc45-140-12-1,2	Brace	No Messages	0,12095	PMM	$1.2G+1.6S+0.8W+t$
1334	cc45-140-12-1,2	Brace	No Messages	0,145585	PMM	$1.2G+1.6S+0.8W+t$
1335	cc45-140-12-1,2	Brace	No Messages	0,089691	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1336	cc45-140-12-1,2	Brace	No Messages	0,101055	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1337	cc45-140-12-1,2	Brace	No Messages	0,079541	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1338	cc45-140-12-1,2	Brace	No Messages	0,075042	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1339	cc45-140-12-1,2	Brace	No Messages	0,06741	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1340	cc45-140-12-1,2	Brace	No Messages	0,077946	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1341	cc45-140-12-1,2	Brace	No Messages	0,091123	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1342	cc45-140-12-1,2	Brace	No Messages	0,069786	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1343	cc45-140-12-1,2	Brace	No Messages	0,131975	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1344	cc45-140-12-1,2	Brace	No Messages	0,138479	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1345	cc45-140-12-1,2	Brace	No Messages	0,214426	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1346	cc45-140-12-1,2	Brace	No Messages	0,249418	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1347	cc45-140-12-1,2	Brace	No Messages	0,282573	PMM	$1.2G+1.6S+0.8W-t$
1348	cc45-140-12-1,2	Brace	No Messages	0,131691	PMM	$1.2G+1.6S+0.8W-t$
1349	cc45-140-12-1,2	Brace	No Messages	0,167375	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1350	cc45-140-12-1,2	Brace	No Messages	0,145583	PMM	$1.2G+1.6S+0.8W+t$
1351	cc45-140-12-1,2	Brace	No Messages	0,071477	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1352	cc45-140-12-1,2	Brace	No Messages	0,055213	PMM	$1.2G+1.6S+0.8W-t$
1353	cc45-140-12-1,2	Brace	No Messages	0,118778	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1354	cc45-140-12-1,2	Brace	No Messages	0,049151	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1355	cc45-140-12-1,2	Brace	No Messages	0,086063	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1356	cc45-140-12-1,2	Brace	No Messages	0,06945	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1357	cc45-140-12-1,2	Brace	No Messages	0,18894	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1358	cc45-140-12-1,2	Brace	No Messages	0,196694	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1359	cc45-140-12-1,2	Brace	No Messages	0,134459	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1360	cc45-140-12-1,2	Brace	No Messages	0,164576	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1361	cc45-140-12-1,2	Brace	No Messages	0,088304	PMM	$1.2G+1.6S+0.8W-t$
1362	cc45-140-12-1,2	Brace	No Messages	0,116274	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1363	cc45-140-12-1,2	Column	No Messages	0,254732	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1364	cc45-140-12-1,2	Column	No Messages	0,084108	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1365	cc45-140-12-1,2	Column	No Messages	0,002967	PMM	DSTL24
1368	cc45-140-12-1,2	Brace	No Messages	0,138363	PMM	$1.2G+1.6S+0.8W+t$
1369	cc45-140-12-1,2	Brace	No Messages	0,169578	PMM	$1.2G+1.6S+0.8W+t$
1370	cc45-140-12-1,2	Brace	No Messages	0,086534	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1371	cc45-140-12-1,2	Brace	No Messages	0,093103	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1372	cc45-140-12-1,2	Brace	No Messages	0,074482	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$

1373	cc45-140-12-1,2	Brace	No Messages	0,059678	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1374	cc45-140-12-1,2	Brace	No Messages	0,05598	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1375	cc45-140-12-1,2	Brace	No Messages	0,064025	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1376	cc45-140-12-1,2	Brace	No Messages	0,078669	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1377	cc45-140-12-1,2	Brace	No Messages	0,077064	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1378	cc45-140-12-1,2	Brace	No Messages	0,153846	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1379	cc45-140-12-1,2	Brace	No Messages	0,161311	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1380	cc45-140-12-1,2	Brace	No Messages	0,222951	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1381	cc45-140-12-1,2	Brace	No Messages	0,222535	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1382	cc45-140-12-1,2	Brace	No Messages	0,317032	PMM	$1.2G+1.6S+0.8W+t$
1383	cc45-140-12-1,2	Brace	No Messages	0,154258	PMM	$1.2G+1.6S+0.8W+t$
1384	cc45-140-12-1,2	Brace	No Messages	0,128916	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1385	cc45-140-12-1,2	Brace	No Messages	0,126286	PMM	$1.2G+1.6S+0.8W+t$
1386	cc45-140-12-1,2	Brace	No Messages	0,067301	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1387	cc45-140-12-1,2	Brace	No Messages	0,060493	PMM	$1.2G+1.6S+0.8W+t$
1388	cc45-140-12-1,2	Brace	No Messages	0,098236	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1389	cc45-140-12-1,2	Brace	No Messages	0,049092	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1390	cc45-140-12-1,2	Brace	No Messages	0,069623	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1391	cc45-140-12-1,2	Brace	No Messages	0,068518	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1392	cc45-140-12-1,2	Brace	No Messages	0,156994	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1393	cc45-140-12-1,2	Brace	No Messages	0,169452	PMM	$1.2G+1.6S+0.8W-t$
1394	cc45-140-12-1,2	Brace	No Messages	0,097671	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1395	cc45-140-12-1,2	Brace	No Messages	0,11442	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1396	cc45-140-12-1,2	Brace	No Messages	0,080986	PMM	$1.2G+1.6S+0.8W+t$
1397	cc45-140-12-1,2	Brace	No Messages	0,12729	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1398	cc45-140-12-1,2	Column	No Messages	0,298421	PMM	$1.2G+1.6S+0.8W+t$
1400	cc45-140-12-1,2	Beam	No Messages	0,359053	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1401	cc45-140-12-1,2	Beam	No Messages	0,383723	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1402	INP160	Column	No Messages	0,176547	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1403	INP160	Column	No Messages	0,075654	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1404	INP160	Column	No Messages	0,014241	PMM	$1.2G+1.6S+0.8W-t$
1405	INP160	Column	No Messages	0,052509	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1406	INP160	Column	No Messages	0,469561	PMM	DSTL9
1407	cc45-140-12-1,2	Beam	No Messages	0,557945	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1408	cc45-140-12-1,2	Beam	No Messages	0,075694	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1409	cc45-140-12-1,2	Beam	No Messages	0,010326	PMM	DSTL25
1410	cc45-140-12-1,2	Beam	No Messages	0,162936	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1411	cc45-140-12-1,2	Beam	No Messages	0,088412	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1412	cc45-140-12-1,2	Beam	No Messages	0,702723	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1413	cc45-140-12-1,2	Beam	No Messages	0,380494	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1415	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,294761	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1416	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,119803	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1417	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,218045	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1418	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,128698	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1419	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,200622	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1420	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,127492	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1421	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,197513	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$

1422	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,117738	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1423	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,220386	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1424	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,105955	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1425	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,263784	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1426	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,135771	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1427	cc45-140-12-1,2	Column	No Messages	0,453504	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1428	cc45-140-12-1,2	Column	No Messages	0,338992	PMM	1.2G+1.6S+0.8W-t
1429	cc45-140-12-1,2	Column	No Messages	0,249258	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1430	cc45-140-12-1,2	Column	No Messages	0,217949	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1431	cc45-140-12-1,2	Column	No Messages	0,231924	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1432	cc45-140-12-1,2	Column	No Messages	0,226372	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1433	cc45-140-12-1,2	Column	No Messages	0,268641	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1434	cc45-140-12-1,2	Column	No Messages	0,20348	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1435	cc45-140-12-1,2	Column	No Messages	0,144806	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1436	cc45-140-12-1,2	Column	No Messages	0,166999	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1437	cc45-140-12-1,2	Column	No Messages	0,233807	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1438	cc45-140-12-1,2	Column	No Messages	0,26258	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1439	cc45-140-12-1,2	Column	No Messages	0,181662	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1440	cc45-140-12-1,2	Column	No Messages	0,135183	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1441	cc45-140-12-1,2	Column	No Messages	0,20346	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1442	cc45-140-12-1,2	Column	No Messages	0,141212	PMM	0.9G+Ex+0.3Ey+0.3Ez-t
1443	cc45-140-12-1,2	Beam	No Messages	0,395629	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1445	cc45-140-12-1,2	Beam	No Messages	0,424908	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1446	cc45-140-12-1,2	Beam	No Messages	0,449451	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1447	cc45-140-12-1,2	Beam	No Messages	0,449105	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1448	cc45-140-12-1,2	Beam	No Messages	0,343328	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1449	cc45-140-12-1,2	Beam	No Messages	0,199533	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1450	cc45-140-12-1,2	Beam	No Messages	0,267119	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1451	cc45-140-12-1,2	Beam	No Messages	0,34904	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1452	cc45-140-12-1,2	Beam	No Messages	0,349067	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1453	cc45-140-12-1,2	Beam	No Messages	0,418726	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1454	cc45-140-12-1,2	Beam	No Messages	0,288518	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1455	cc45-140-12-1,2	Beam	No Messages	0,266314	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1456	cc45-140-12-1,2	Beam	No Messages	0,244876	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1457	cc45-140-12-1,2	Beam	No Messages	0,218474	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1458	cc45-140-12-1,2	Beam	No Messages	0,21552	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1459	cc45-140-12-1,2	Beam	No Messages	0,221078	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1460	cc45-140-12-1,2	Beam	No Messages	0,267051	PMM	1.2G+1.6S+0.8W+t
1461	cc45-140-12-1,2	Beam	No Messages	0,164032	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1462	cc45-140-12-1,2	Beam	No Messages	0,089187	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1463	cc45-140-12-1,2	Beam	No Messages	0,273635	PMM	1.2G+1.6S+0.8W+t
1464	cc45-140-12-1,2	Beam	No Messages	0,25125	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1465	cc45-140-12-1,2	Beam	No Messages	0,288312	PMM	1.2G+1.6S+0.8W2+t
1466	cc45-140-12-1,2	Beam	No Messages	0,216998	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1467	cc45-140-12-1,2	Beam	No Messages	0,603532	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1468	cc45-140-12-1,2	Beam	No Messages	0,482041	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1469	cc45-140-12-1,2	Beam	No Messages	0,43456	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

1470	cc45-140-12-1,2	Beam	No Messages	0,429853	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1471	cc45-140-12-1,2	Beam	No Messages	0,133183	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1472	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,263513	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1473	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,16379	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1474	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,240586	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1475	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,121481	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1476	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,21778	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1477	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,148523	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1478	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,416763	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1479	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,442361	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1480	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,412564	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1481	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,250868	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1482	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,494243	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1483	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,137643	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1484	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,096761	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1485	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,167894	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1486	cc45-140-12-1,2	Column	No Messages	0,19529	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1487	cc45-140-12-1,2	Column	No Messages	0,228949	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1488	cc45-140-12-1,2	Column	No Messages	0,149864	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1489	cc45-140-12-1,2	Column	No Messages	0,207676	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1491	cc45-140-12-1,2	Beam	No Messages	0,393946	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1492	cc45-140-12-1,2	Beam	No Messages	0,827083	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1493	cc45-140-12-1,2	Beam	No Messages	0,376343	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1494	cc45-140-12-1,2	Beam	No Messages	0,722434	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1495	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,37702	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1496	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,179703	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1497	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,293509	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1498	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,237042	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1499	cc45-140-12-1,2	Brace	No Messages	0,174379	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1500	cc45-140-12-1,2	Brace	No Messages	0,21136	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1501	cc45-140-12-1,2	Brace	No Messages	0,107209	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1502	cc45-140-12-1,2	Brace	No Messages	0,109101	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1503	cc45-140-12-1,2	Brace	No Messages	0,111394	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1504	cc45-140-12-1,2	Brace	No Messages	0,068953	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1505	cc45-140-12-1,2	Brace	No Messages	0,077911	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1506	cc45-140-12-1,2	Brace	No Messages	0,074713	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1507	cc45-140-12-1,2	Brace	No Messages	0,154967	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1508	cc45-140-12-1,2	Brace	No Messages	0,213609	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1509	cc45-140-12-1,2	Brace	No Messages	0,233963	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1510	cc45-140-12-1,2	Brace	No Messages	0,215403	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1511	cc45-140-12-1,2	Brace	No Messages	0,166875	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1512	cc45-140-12-1,2	Brace	No Messages	0,110147	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1513	cc45-140-12-1,2	Brace	No Messages	0,079731	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1514	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,26195	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1515	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,090889	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1516	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,310599	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1517	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,262425	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t

1518	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,284286	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1519	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,501725	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1520	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,223049	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1521	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,377173	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1522	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,179767	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1523	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,289593	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1524	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,15012	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1525	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,16324	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1526	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,303789	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1527	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,182645	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1528	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,268125	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1529	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,184639	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1530	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,449888	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1531	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,131545	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1532	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,105448	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1533	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,095299	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1534	cc45-140-12-1,2	Beam	No Messages	0,207876	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1535	cc45-140-12-1,2	Beam	No Messages	0,694648	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1536	cc45-140-12-1,2	Beam	No Messages	0,217997	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1537	cc45-140-12-1,2	Beam	No Messages	0,152506	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1538	cc45-140-12-1,2	Beam	No Messages	0,226224	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1540	cc45-140-12-1,2	Beam	No Messages	0,45722	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1541	cc45-140-12-1,2	Beam	No Messages	0,542471	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1542	cc45-140-12-1,2	Beam	No Messages	0,600235	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1543	cc45-140-12-1,2	Beam	No Messages	0,252195	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1544	cc45-140-12-1,2	Beam	No Messages	0,322734	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1545	cc45-140-12-1,2	Beam	No Messages	0,243898	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1546	cc45-140-12-1,2	Brace	No Messages	0,524481	PMM	DSTL9
1547	cc45-140-12-1,2	Brace	No Messages	0,245781	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1548	cc45-140-12-1,2	Brace	No Messages	0,202418	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1549	cc45-140-12-1,2	Brace	No Messages	0,476741	PMM	DSTL9
1550	cc45-140-12-1,2	Brace	No Messages	0,256737	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1551	cc45-140-12-1,2	Brace	No Messages	0,37558	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1552	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,374648	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1553	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,162394	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1554	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,2318	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1561	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,17909	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1562	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,138666	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1563	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,103463	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1564	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,528529	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1565	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,127294	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1566	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,072785	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1567	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,131888	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1568	cc45-140-12-1,2	Beam	No Messages	0,404742	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1574	cc45-140-12-1,2	Beam	No Messages	0,118578	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1575	cc45-140-12-1,2	Beam	No Messages	0,422697	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1576	cc45-140-12-1,2	Beam	No Messages	0,631392	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

1577	cc45-140-12-1,2	Beam	No Messages	0,371142	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1578	cc45-140-12-1,2	Beam	No Messages	0,645354	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1579	cc45-140-12-1,2	Beam	No Messages	0,657763	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1580	cc45-140-12-1,2	Beam	No Messages	0,023913	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1581	cc45-140-12-1,2	Beam	No Messages	0,504447	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1582	cc45-140-12-1,2	Beam	No Messages	0,404114	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1583	cc45-140-12-1,2	Beam	No Messages	0,017504	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1584	cc45-140-12-1,2	Beam	No Messages	0,429638	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1585	cc45-140-12-1,2	Beam	No Messages	0,523229	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1586	cc45-140-12-1,2	Beam	No Messages	0,013285	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1587	cc45-140-12-1,2	Beam	No Messages	0,345017	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1589	cc45-140-12-1,2	Beam	No Messages	0,347362	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1591	cc45-140-12-1,2	Beam	No Messages	0,011764	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1594	cc45-140-12-1,2	Beam	No Messages	0,239742	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1595	cc45-140-12-1,2	Beam	No Messages	0,226386	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1596	cc45-140-12-1,2	Beam	No Messages	0,018446	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1597	cc45-140-12-1,2	Beam	No Messages	0,218077	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1598	cc45-140-12-1,2	Beam	No Messages	0,015924	PMM	DSTL17
1601	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,497662	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1602	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,458787	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1603	cc45-140-12-1,2	Column	No Messages	0,865521	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1604	cc45-140-12-1,2	Column	No Messages	0,917358	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1605	INP160	Column	No Messages	0,178095	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1606	INP160	Column	No Messages	0,182662	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1607	INP160	Column	No Messages	0,215475	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1608	INP160	Column	No Messages	0,693995	PMM	DSTL9
1609	INP160	Column	No Messages	0,281852	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1610	INP160	Column	No Messages	0,231046	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1611	INP160	Column	No Messages	0,213777	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1612	INP160	Column	No Messages	0,251793	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1613	INP160	Column	No Messages	0,716621	PMM	DSTL9
1614	cc45-140-12-1,2	Beam	No Messages	0,158381	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1615	cc45-140-12-1,2	Beam	No Messages	0,258681	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1616	cc45-140-12-1,2	Beam	No Messages	0,572956	Minor Shear	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1617	cc45-140-12-1,2	Beam	No Messages	0,449473	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1618	cc45-140-12-1,2	Beam	No Messages	0,357463	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1619	cc45-140-12-1,2	Beam	No Messages	0,219784	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1620	cc45-140-12-1,2	Beam	No Messages	0,280333	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1621	cc45-140-12-1,2	Beam	No Messages	0,368886	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1624	cc45-140-12-1,2	Beam	No Messages	0,830647	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1626	cc45-140-12-1,2	Beam	No Messages	0,947819	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1627	cc45-140-12-1,2	Beam	No Messages	0,217802	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1628	cc45-140-12-1,2	Beam	No Messages	0,236742	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1629	cc45-140-12-1,2	Beam	No Messages	0,295959	PMM	$1.2G+1.6S+0.8W2+t$
1630	cc45-140-12-1,2	Beam	No Messages	0,279796	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1631	cc45-140-12-1,2	Beam	No Messages	0,165961	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$

1632	cc45-140-12-1,2	Beam	No Messages	0,343261	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1633	cc45-140-12-1,2	Beam	No Messages	0,210893	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1634	cc45-140-12-1,2	Beam	No Messages	0,587242	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1635	cc45-140-12-1,2	Beam	No Messages	0,442511	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1636	cc45-140-12-1,2	Beam	No Messages	0,645044	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1637	cc45-140-12-1,2	Beam	No Messages	0,587957	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1638	cc45-140-12-1,2	Beam	No Messages	0,228907	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1639	cc45-140-12-1,2	Beam	No Messages	0,583526	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1640	cc45-140-12-1,2	Beam	No Messages	0,091947	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1641	RHS40*80*3	Beam	No Messages	0,373406	PMM	DSTL9
1643	RHS40*80*3	Beam	No Messages	0,409802	PMM	DSTL9
1663	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,3926	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1664	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,114607	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1665	cc45-140-12-1,2	Brace	No Messages	0,130647	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1666	cc45-140-12-1,2	Brace	No Messages	0,559329	Minor Shear	$0.9G+Ex+0.3Ey+0.3Ez+t$
1667	cc45-140-12-1,2	Brace	No Messages	0,450236	PMM	$1.2G+1.6S+0.8W2+t$
1668	cc45-140-12-1,2	Brace	No Messages	0,243731	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1669	cc45-140-12-1,2	Brace	No Messages	0,156836	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1670	cc45-140-12-1,2	Brace	No Messages	0,206698	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1671	cc45-140-12-1,2	Brace	No Messages	0,183872	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
1672	cc45-140-12-1,2	Brace	No Messages	1,19277	PMM	$1.2G+1.6S+0.8W2+t$
1673	cc45-140-12-1,2	Brace	No Messages	1,085449	PMM	$1.2G+1.6S+0.8W2+t$
1674	cc45-140-12-1,2	Brace	No Messages	0,220623	PMM	$1.2G+1.6S+0.8W2+t$
1675	cc45-140-12-1,2	Brace	No Messages	0,09452	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1676	cc45-140-12-1,2	Brace	No Messages	0,206421	PMM	$1.2G+1.6S+0.8W2+t$
1677	cc45-140-12-1,2	Brace	No Messages	0,960378	PMM	DSTL9
1678	cc45-140-12-1,2	Brace	No Messages	1,024792	PMM	DSTL9
1679	cc45-140-12-1,2	Brace	No Messages	0,614855	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1680	cc45-140-12-1,2	Brace	No Messages	0,166332	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1681	cc45-140-12-1,2	Brace	No Messages	0,167921	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1683	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,246629	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1684	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,135413	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1685	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,302157	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1686	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,196621	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1687	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,140469	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1688	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,238863	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1689	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,067968	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1690	cc45-140-12-1,2	Column	No Messages	0,429255	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1691	cc45-140-12-1,2	Column	No Messages	0,220105	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1692	cc45-140-12-1,2	Column	No Messages	0,227075	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1693	cc45-140-12-1,2	Column	No Messages	0,192479	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1694	cc45-140-12-1,2	Column	No Messages	0,189976	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1695	cc45-140-12-1,2	Column	No Messages	0,158281	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1696	cc45-140-12-1,2	Column	No Messages	0,185156	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1697	cc45-140-12-1,2	Beam	No Messages	0,385996	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1698	cc45-140-12-1,2	Beam	No Messages	0,503269	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$

1699	cc45-140-12-1,2	Beam	No Messages	0,62607	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1700	cc45-140-12-1,2	Beam	No Messages	0,39289	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1701	cc45-140-12-1,2	Beam	No Messages	0,438241	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1702	cc45-140-12-1,2	Beam	No Messages	0,282777	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1703	cc45-140-12-1,2	Beam	No Messages	0,266926	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1704	cc45-140-12-1,2	Beam	No Messages	0,171135	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1705	cc45-140-12-1,2	Beam	No Messages	0,289304	PMM	1.2G+1.6S+0.8W-t
1706	cc45-140-12-1,2	Beam	No Messages	0,326093	PMM	1.2G+1.6S+0.8W+t
1707	cc45-140-12-1,2	Beam	No Messages	0,312375	PMM	1.2G+1.6S+0.8W+t
1708	cc45-140-12-1,2	Beam	No Messages	0,222868	PMM	DSTL9
1709	cc45-140-12-1,2	Beam	No Messages	0,133923	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1710	cc45-140-12-1,2	Beam	No Messages	0,329224	Minor Shear	1.2G+1.6S+0.8W-t
1711	cc45-140-12-1,2	Beam	No Messages	0,156702	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1712	cc45-140-12-1,2	Beam	No Messages	0,303562	Minor Shear	1.2G+1.6S+0.8W+t
1713	cc45-140-12-1,2	Beam	No Messages	0,407647	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1714	cc45-140-12-1,2	Beam	No Messages	0,355912	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1715	cc45-140-12-1,2	Beam	No Messages	0,201234	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1716	cc45-140-12-1,2	Beam	No Messages	0,316275	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1717	cc45-140-12-1,2	Beam	No Messages	0,438687	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1718	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,151121	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1719	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,233514	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1720	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,198841	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1721	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,129803	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1722	cc45-140-12-1,2	Beam	No Messages	0,605398	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1723	cc45-140-12-1,2	Beam	No Messages	0,41129	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1724	cc45-140-12-1,2	Brace	No Messages	0,577942	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1725	cc45-140-12-1,2	Brace	No Messages	0,470081	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1726	cc45-140-12-1,2	Brace	No Messages	0,579703	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1727	cc45-140-12-1,2	Beam	No Messages	0,475049	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1728	cc45-140-12-1,2	Brace	No Messages	0,341904	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1729	cc45-140-12-1,2	Brace	No Messages	0,426464	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1730	cc45-140-12-1,2	Column	No Messages	0,272141	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1731	cc45-140-12-1,2	Column	No Messages	0,189924	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1732	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,284275	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1733	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,088867	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1734	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,247662	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1735	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,17754	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1736	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,271346	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1737	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,101469	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1738	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,240368	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1739	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,080246	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1740	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,238489	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1741	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,114602	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1745	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,316752	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1747	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,13573	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

1748	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,359274	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1749	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,117469	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1750	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,347367	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1751	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,156893	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1752	cc45-140-12-1,2	Beam	No Messages	0,480014	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1753	cc45-140-12-1,2	Beam	No Messages	0,423422	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1754	cc45-140-12-1,2	Beam	No Messages	0,865083	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1755	cc45-140-12-1,2	Beam	No Messages	0,567267	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1756	cc45-140-12-1,2	Beam	No Messages	0,37552	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1757	cc45-140-12-1,2	Beam	No Messages	0,528068	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1758	cc45-140-12-1,2	Beam	No Messages	0,680158	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1759	cc45-140-12-1,2	Beam	No Messages	0,346691	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1760	cc45-140-12-1,2	Beam	No Messages	0,381858	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1761	cc45-140-12-1,2	Beam	No Messages	0,610107	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1762	cc45-140-12-1,2	Beam	No Messages	0,547034	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1763	cc45-140-12-1,2	Beam	No Messages	0,139458	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1764	cc45-140-12-1,2	Beam	No Messages	0,263452	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1765	cc45-140-12-1,2	Beam	No Messages	0,426195	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1766	cc45-140-12-1,2	Beam	No Messages	0,28521	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1767	cc45-140-12-1,2	Beam	No Messages	0,24428	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1768	cc45-140-12-1,2	Beam	No Messages	0,207386	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1769	cc45-140-12-1,2	Beam	No Messages	0,150645	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1770	cc45-140-12-1,2	Beam	No Messages	0,163086	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1771	cc45-140-12-1,2	Beam	No Messages	0,129578	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1772	cc45-140-12-1,2	Beam	No Messages	0,295206	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1773	cc45-140-12-1,2	Beam	No Messages	0,156123	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1774	cc45-140-12-1,2	Beam	No Messages	0,189127	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1775	cc45-140-12-1,2	Beam	No Messages	0,2602	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1776	cc45-140-12-1,2	Beam	No Messages	0,253192	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1777	cc45-140-12-1,2	Beam	No Messages	0,19877	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1778	cc45-140-12-1,2	Beam	No Messages	0,254912	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1779	cc45-140-12-1,2	Beam	No Messages	0,158681	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1780	cc45-140-12-1,2	Beam	No Messages	0,289206	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1781	cc45-140-12-1,2	Beam	No Messages	0,299469	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1782	cc45-140-12-1,2	Beam	No Messages	0,272346	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1784	cc45-140-12-1,2	Beam	No Messages	0,163927	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1785	cc45-140-12-1,2	Beam	No Messages	0,232611	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1786	cc45-140-12-1,2	Beam	No Messages	0,183617	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1787	cc45-140-12-1,2	Beam	No Messages	0,149689	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1788	cc45-140-12-1,2	Beam	No Messages	0,142797	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1789	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,368702	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1790	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,180837	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1791	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,299942	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1792	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,125111	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
1793	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,120434	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1794	cc45-140-12-1,2	Beam	No Messages	0,38524	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1796	cc45-140-12-1,2	Beam	No Messages	0,303338	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t

1797	cc45-140-12-1,2	Beam	No Messages	0,284914	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1798	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,594649	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1799	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,316948	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1800	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,161657	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1801	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,512767	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1802	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,298245	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1803	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,168352	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1804	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,570015	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1805	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,48392	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1806	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,301147	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1807	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,549187	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1808	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,238494	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1809	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,08007	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1810	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,195444	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1811	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,317465	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1812	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,284035	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1813	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,148799	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1814	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,179285	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1815	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,169976	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1816	cc45-140-12-1,2	Beam	No Messages	0,223824	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1817	cc45-140-12-1,2	Beam	No Messages	0,408604	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1818	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,263855	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1819	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,130301	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1820	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,335674	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1821	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,110624	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1822	cc45-140-12-1,2	Beam	No Messages	0,183262	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1823	cc45-140-12-1,2	Beam	No Messages	0,416039	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1824	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,285067	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1825	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,142604	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1826	cc45-140-12-1,2	Beam	No Messages	0,281929	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1831	cc45-140-12-1,2	Beam	No Messages	0,795842	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1832	cc45-140-12-1,2	Beam	No Messages	0,424456	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1833	cc45-140-12-1,2	Beam	No Messages	0,37622	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1834	cc45-140-12-1,2	Beam	No Messages	0,368273	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1835	cc45-140-12-1,2	Beam	No Messages	0,372499	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1836	cc45-140-12-1,2	Beam	No Messages	0,323844	Minor Shear	$1.2G+1.6S+0.8W-t$
1837	cc45-140-12-1,2	Beam	No Messages	0,22757	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1838	cc45-140-12-1,2	Beam	No Messages	0,274859	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1839	cc45-140-12-1,2	Beam	No Messages	0,210005	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1840	cc45-140-12-1,2	Beam	No Messages	0,351615	Minor Shear	$1.2G+1.6S+0.8W+t$
1841	cc45-140-12-1,2	Beam	No Messages	0,181132	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1842	cc45-140-12-1,2	Beam	No Messages	0,144295	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1843	cc45-140-12-1,2	Beam	No Messages	0,134513	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1844	cc45-140-12-1,2	Beam	No Messages	0,379707	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1845	cc45-140-12-1,2	Beam	No Messages	0,240236	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$

1846	cc45-140-12-1,2	Beam	No Messages	0,188005	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1863	cc45-140-12-1,2	Brace	No Messages	0,171851	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1864	cc45-140-12-1,2	Brace	No Messages	0,115399	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1865	cc45-140-12-1,2	Brace	No Messages	0,249589	PMM	$1.2G+1.6S+0.8W2+t$
1866	cc45-140-12-1,2	Brace	No Messages	0,235686	PMM	$1.2G+1.6S+0.8W2+t$
1867	cc45-140-12-1,2	Brace	No Messages	0,102975	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1868	cc45-140-12-1,2	Brace	No Messages	0,125659	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1869	cc45-140-12-1,2	Brace	No Messages	0,119344	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1870	cc45-140-12-1,2	Brace	No Messages	0,201785	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1871	cc45-140-12-1,2	Brace	No Messages	0,209729	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1872	cc45-140-12-1,2	Brace	No Messages	0,257487	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1873	cc45-140-12-1,2	Brace	No Messages	0,273317	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1875	cc45-140-12-1,2	Brace	No Messages	0,183835	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1876	cc45-140-12-1,2	Brace	No Messages	0,082466	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1877	cc45-140-12-1,2	Beam	No Messages	0,553772	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1879	cc45-140-12-1,2	Beam	No Messages	0,74026	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1880	cc45-140-12-1,2	Beam	No Messages	0,191299	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1881	cc45-140-12-1,2	Beam	No Messages	0,200502	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1882	cc45-140-12-1,2	Beam	No Messages	0,166789	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
1883	cc45-140-12-1,2	Beam	No Messages	0,200481	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1884	cc45-140-12-1,2	Beam	No Messages	0,198429	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1885	cc45-140-12-1,2	Beam	No Messages	0,217328	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1886	cc45-140-12-1,2	Beam	No Messages	0,301161	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1887	cc45-140-12-1,2	Beam	No Messages	0,395492	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1888	cc45-140-12-1,2	Beam	No Messages	0,675173	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1889	cc45-140-12-1,2	Beam	No Messages	1,351407	Minor Shear	$1.2G+1.6S+0.8W-t$
1890	cc45-140-12-1,2	Beam	No Messages	0,338249	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1891	cc45-140-12-1,2	Beam	No Messages	0,281274	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1892	cc45-140-12-1,2	Beam	No Messages	0,102286	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1893	cc45-140-12-1,2	Beam	No Messages	0,163836	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1894	cc45-140-12-1,2	Beam	No Messages	0,128425	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1895	cc45-140-12-1,2	Beam	No Messages	0,102778	PMM	$1.2G+1.6S+0.8W+t$
1896	cc45-140-12-1,2	Beam	No Messages	0,139558	PMM	$1.2G+1.6S+0.8W+t$
1897	cc45-140-12-1,2	Beam	No Messages	0,137313	PMM	$1.2G+1.6S+0.8W+t$
1898	cc45-140-12-1,2	Beam	No Messages	0,142855	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1899	cc45-140-12-1,2	Beam	No Messages	0,161097	PMM	$1.2G+1.6S+0.8W+t$
1900	cc45-140-12-1,2	Beam	No Messages	0,138084	PMM	$1.2G+1.6S+0.8W+t$
1901	cc45-140-12-1,2	Beam	No Messages	0,11999	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1902	cc45-140-12-1,2	Beam	No Messages	0,094603	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1903	cc45-140-12-1,2	Beam	No Messages	0,355604	PMM	$1.2G+1.6S+0.8W+t$
1904	cc45-140-12-1,2	Beam	No Messages	0,855537	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1905	cc45-140-12-1,2	Beam	No Messages	0,145493	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1906	cc45-140-12-1,2	Brace	No Messages	0,228595	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1907	cc45-140-12-1,2	Brace	No Messages	0,25426	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1908	cc45-140-12-1,2	Brace	No Messages	0,119947	PMM	$1.2G+1.6S+0.8W+t$
1909	cc45-140-12-1,2	Brace	No Messages	0,156444	PMM	$1.2G+1.6S+0.8W+t$

1910	cc45-140-12-1,2	Brace	No Messages	0,159587	PMM	1.2G+1.6S+0.8W+t
1911	cc45-140-12-1,2	Brace	No Messages	0,141955	PMM	1.2G+1.6S+0.8W+t
1912	cc45-140-12-1,2	Brace	No Messages	0,107909	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1913	cc45-140-12-1,2	Brace	No Messages	0,134546	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1914	cc45-140-12-1,2	Brace	No Messages	0,182259	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1915	cc45-140-12-1,2	Brace	No Messages	0,23395	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1916	cc45-140-12-1,2	Brace	No Messages	0,248201	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1917	cc45-140-12-1,2	Brace	No Messages	0,235418	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1918	cc45-140-12-1,2	Brace	No Messages	0,17704	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1919	cc45-140-12-1,2	Brace	No Messages	0,107292	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1920	cc45-140-12-1,2	Brace	No Messages	0,099913	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1921	cc45-140-12-1,2	Beam	No Messages	0,466759	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1923	cc45-140-12-1,2	Beam	No Messages	0,712931	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1924	cc45-140-12-1,2	Beam	No Messages	0,374227	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1925	cc45-140-12-1,2	Beam	No Messages	0,555961	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1926	cc45-140-12-1,2	Beam	No Messages	0,340302	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1927	cc45-140-12-1,2	Beam	No Messages	0,528415	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1928	cc45-140-12-1,2	Beam	No Messages	0,540605	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1929	cc45-140-12-1,2	Beam	No Messages	0,395579	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1930	cc45-140-12-1,2	Beam	No Messages	0,581686	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1931	cc45-140-12-1,2	Beam	No Messages	0,271936	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1932	cc45-140-12-1,2	Beam	No Messages	0,448794	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1933	cc45-140-12-1,2	Beam	No Messages	0,605809	PMM	DSTL19
1934	cc45-140-12-1,2	Beam	No Messages	0,228664	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1935	cc45-140-12-1,2	Beam	No Messages	0,270668	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1936	cc45-140-12-1,2	Beam	No Messages	0,277286	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1937	cc45-140-12-1,2	Beam	No Messages	0,711381	Minor Shear	DSTL18
1938	cc45-140-12-1,2	Beam	No Messages	0,49776	Minor Shear	1.2G+1.6S+0.8W+t
1940	cc45-140-12-1,2	Beam	No Messages	0,276238	PMM	DSTL19
1941	cc45-140-12-1,2	Beam	No Messages	0,822149	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1942	cc45-140-12-1,2	Beam	No Messages	0,857145	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1943	cc45-140-12-1,2	Beam	No Messages	0,358883	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1944	cc45-140-12-1,2	Beam	No Messages	0,508315	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1945	cc45-140-12-1,2	Beam	No Messages	0,180478	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1946	cc45-140-12-1,2	Beam	No Messages	0,084248	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1947	cc45-140-12-1,2	Beam	No Messages	0,191578	PMM	1.2G+1.6S+0.8W+t
1948	cc45-140-12-1,2	Beam	No Messages	0,638738	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
1949	cc45-140-12-1,2	Beam	No Messages	0,149904	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1950	cc45-140-12-1,2	Brace	No Messages	0,175833	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1951	cc45-140-12-1,2	Brace	No Messages	0,226042	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1952	cc45-140-12-1,2	Brace	No Messages	0,078563	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
1953	cc45-140-12-1,2	Brace	No Messages	0,106629	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
1954	cc45-140-12-1,2	Brace	No Messages	0,127743	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
1955	cc45-140-12-1,2	Brace	No Messages	0,160291	PMM	DSTL19
1956	cc45-140-12-1,2	Brace	No Messages	0,114134	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t

1957	cc45-140-12-1,2	Brace	No Messages	0,091654	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1958	cc45-140-12-1,2	Brace	No Messages	0,106609	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1959	cc45-140-12-1,2	Brace	No Messages	0,193058	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1960	cc45-140-12-1,2	Brace	No Messages	0,226722	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1961	cc45-140-12-1,2	Brace	No Messages	0,227485	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1962	cc45-140-12-1,2	Brace	No Messages	0,153287	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1963	cc45-140-12-1,2	Brace	No Messages	0,083992	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1964	cc45-140-12-1,2	Brace	No Messages	0,085014	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1965	cc45-140-12-1,2	Beam	No Messages	0,318442	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1968	cc45-140-12-1,2	Beam	No Messages	0,606492	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1972	cc45-140-12-1,2	Beam	No Messages	0,842053	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1973	cc45-140-12-1,2	Beam	No Messages	0,568399	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1974	cc45-140-12-1,2	Beam	No Messages	0,834185	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1975	cc45-140-12-1,2	Beam	No Messages	0,58183	PMM	DSTL19
1976	cc45-140-12-1,2	Beam	No Messages	0,485991	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1977	cc45-140-12-1,2	Beam	No Messages	0,858102	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1978	cc45-140-12-1,2	Beam	No Messages	0,39015	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1979	cc45-140-12-1,2	Beam	No Messages	0,518738	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1980	cc45-140-12-1,2	Beam	No Messages	0,861541	PMM	DSTL19
1981	cc45-140-12-1,2	Beam	No Messages	0,257054	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1982	cc45-140-12-1,2	Beam	No Messages	0,332551	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1983	cc45-140-12-1,2	Beam	No Messages	0,24852	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1984	cc45-140-12-1,2	Beam	No Messages	0,537448	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1985	cc45-140-12-1,2	Beam	No Messages	0,435713	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1987	cc45-140-12-1,2	Beam	No Messages	0,173635	PMM	$1.2G+1.6S+0.8W+t$
1988	cc45-140-12-1,2	Beam	No Messages	0,438422	PMM	$1.2G+1.6S+0.8W+t$
1989	cc45-140-12-1,2	Beam	No Messages	0,461949	PMM	$1.2G+1.6S+0.8W+t$
1990	cc45-140-12-1,2	Beam	No Messages	0,423524	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1991	cc45-140-12-1,2	Beam	No Messages	0,932959	PMM	DSTL19
1992	cc45-140-12-1,2	Beam	No Messages	0,214153	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1993	cc45-140-12-1,2	Beam	No Messages	0,086591	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1994	cc45-140-12-1,2	Beam	No Messages	0,210026	PMM	$1.2G+1.6S+0.8W+t$
1995	cc45-140-12-1,2	Beam	No Messages	0,530213	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
1996	cc45-140-12-1,2	Beam	No Messages	0,108835	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
1997	cc45-140-12-1,2	Brace	No Messages	0,168469	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1998	cc45-140-12-1,2	Brace	No Messages	0,258525	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
1999	cc45-140-12-1,2	Brace	No Messages	0,090129	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2000	cc45-140-12-1,2	Brace	No Messages	0,10526	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2001	cc45-140-12-1,2	Brace	No Messages	0,109162	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2002	cc45-140-12-1,2	Brace	No Messages	0,074914	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2003	cc45-140-12-1,2	Brace	No Messages	0,106191	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2004	cc45-140-12-1,2	Brace	No Messages	0,079536	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2005	cc45-140-12-1,2	Brace	No Messages	0,150957	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2006	cc45-140-12-1,2	Brace	No Messages	0,213038	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2007	cc45-140-12-1,2	Brace	No Messages	0,224696	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2008	cc45-140-12-1,2	Brace	No Messages	0,244907	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2009	cc45-140-12-1,2	Brace	No Messages	0,153141	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$

2011	cc45-140-12-1,2	Brace	No Messages	0,07977	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2012	cc45-140-12-1,2	Brace	No Messages	0,082476	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2013	cc45-140-12-1,2	Beam	No Messages	0,359428	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2015	cc45-140-12-1,2	Beam	No Messages	0,67206	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2017	cc45-140-12-1,2	Beam	No Messages	0,206899	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2018	cc45-140-12-1,2	Beam	No Messages	0,186131	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2019	cc45-140-12-1,2	Beam	No Messages	0,210155	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2020	cc45-140-12-1,2	Beam	No Messages	0,219583	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2021	cc45-140-12-1,2	Beam	No Messages	0,237801	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2022	cc45-140-12-1,2	Beam	No Messages	0,383987	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2023	cc45-140-12-1,2	Beam	No Messages	0,375093	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2024	cc45-140-12-1,2	Beam	No Messages	0,261921	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2025	cc45-140-12-1,2	Beam	No Messages	0,130956	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2026	cc45-140-12-1,2	Beam	No Messages	0,150413	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2027	cc45-140-12-1,2	Beam	No Messages	0,169711	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2028	cc45-140-12-1,2	Beam	No Messages	0,47499	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2029	cc45-140-12-1,2	Beam	No Messages	0,97537	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2031	cc45-140-12-1,2	Beam	No Messages	0,459652	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2032	cc45-140-12-1,2	Beam	No Messages	0,186025	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2033	cc45-140-12-1,2	Beam	No Messages	0,108731	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2034	cc45-140-12-1,2	Beam	No Messages	0,161616	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2035	cc45-140-12-1,2	Beam	No Messages	0,145177	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2036	cc45-140-12-1,2	Beam	No Messages	0,121646	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2037	cc45-140-12-1,2	Beam	No Messages	0,134311	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2038	cc45-140-12-1,2	Beam	No Messages	0,060765	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2039	cc45-140-12-1,2	Beam	No Messages	0,284858	PMM	$1.2G+1.6S+0.8W-t$
2040	cc45-140-12-1,2	Beam	No Messages	0,60718	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2041	cc45-140-12-1,2	Beam	No Messages	0,152581	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2042	cc45-140-12-1,2	Brace	No Messages	0,194098	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2043	cc45-140-12-1,2	Brace	No Messages	0,281276	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2044	cc45-140-12-1,2	Brace	No Messages	0,101464	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2045	cc45-140-12-1,2	Brace	No Messages	0,129218	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2046	cc45-140-12-1,2	Brace	No Messages	0,129667	PMM	$1.2G+1.6S+0.8W2+t$
2047	cc45-140-12-1,2	Brace	No Messages	0,139973	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2048	cc45-140-12-1,2	Brace	No Messages	0,191638	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2049	cc45-140-12-1,2	Brace	No Messages	0,133724	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2050	cc45-140-12-1,2	Brace	No Messages	0,223994	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2051	cc45-140-12-1,2	Brace	No Messages	0,261704	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2052	cc45-140-12-1,2	Brace	No Messages	0,280731	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2053	cc45-140-12-1,2	Brace	No Messages	0,279226	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2054	cc45-140-12-1,2	Brace	No Messages	0,186488	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2055	cc45-140-12-1,2	Brace	No Messages	0,127607	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2056	cc45-140-12-1,2	Brace	No Messages	0,079782	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2057	cc45-140-12-1,2	Beam	No Messages	0,261364	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2059	cc45-140-12-1,2	Beam	No Messages	0,516574	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2060	cc45-140-12-1,2	Beam	No Messages	0,185583	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2061	cc45-140-12-1,2	Beam	No Messages	0,26408	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$

2062	cc45-140-12-1,2	Beam	No Messages	0,219578	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2063	cc45-140-12-1,2	Beam	No Messages	0,22995	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2064	cc45-140-12-1,2	Beam	No Messages	0,243359	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2065	cc45-140-12-1,2	Beam	No Messages	0,269172	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2066	cc45-140-12-1,2	Beam	No Messages	0,352461	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2067	cc45-140-12-1,2	Beam	No Messages	0,311536	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2068	cc45-140-12-1,2	Beam	No Messages	0,263756	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2069	cc45-140-12-1,2	Beam	No Messages	0,129726	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2070	cc45-140-12-1,2	Beam	No Messages	0,159008	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2071	cc45-140-12-1,2	Beam	No Messages	0,193172	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2072	cc45-140-12-1,2	Beam	No Messages	0,22566	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2073	cc45-140-12-1,2	Beam	No Messages	0,396955	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2074	cc45-140-12-1,2	Beam	No Messages	0,347134	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2075	cc45-140-12-1,2	Beam	No Messages	0,242772	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2076	cc45-140-12-1,2	Beam	No Messages	0,12325	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2077	cc45-140-12-1,2	Beam	No Messages	0,113127	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2078	cc45-140-12-1,2	Beam	No Messages	0,16967	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2079	cc45-140-12-1,2	Beam	No Messages	0,149356	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2080	cc45-140-12-1,2	Beam	No Messages	0,133526	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2081	cc45-140-12-1,2	Beam	No Messages	0,152498	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2082	cc45-140-12-1,2	Beam	No Messages	0,079702	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2083	cc45-140-12-1,2	Beam	No Messages	0,284419	PMM	$1.2G+1.6S+0.8W-t$
2084	cc45-140-12-1,2	Beam	No Messages	0,472723	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2085	cc45-140-12-1,2	Beam	No Messages	0,14004	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2086	cc45-140-12-1,2	Brace	No Messages	0,201325	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2087	cc45-140-12-1,2	Brace	No Messages	0,269835	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2088	cc45-140-12-1,2	Brace	No Messages	0,100582	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2089	cc45-140-12-1,2	Brace	No Messages	0,140437	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2090	cc45-140-12-1,2	Brace	No Messages	0,14524	PMM	$1.2G+1.6S+0.8W+2t$
2091	cc45-140-12-1,2	Brace	No Messages	0,115934	PMM	$1.2G+1.6S+0.8W+t$
2092	cc45-140-12-1,2	Brace	No Messages	0,162496	PMM	$1.2G+1.6S+0.8W+t$
2093	cc45-140-12-1,2	Brace	No Messages	0,142909	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2094	cc45-140-12-1,2	Brace	No Messages	0,216332	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2095	cc45-140-12-1,2	Brace	No Messages	0,27234	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2096	cc45-140-12-1,2	Brace	No Messages	0,307793	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2097	cc45-140-12-1,2	Brace	No Messages	0,297558	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2098	cc45-140-12-1,2	Brace	No Messages	0,188687	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2099	cc45-140-12-1,2	Brace	No Messages	0,12637	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2100	cc45-140-12-1,2	Brace	No Messages	0,07501	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2101	cc45-140-12-1,2	Beam	No Messages	0,212462	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2103	cc45-140-12-1,2	Beam	No Messages	0,323613	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2104	cc45-140-12-1,2	Beam	No Messages	0,158562	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2105	cc45-140-12-1,2	Beam	No Messages	0,229366	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2106	cc45-140-12-1,2	Beam	No Messages	0,178606	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2107	cc45-140-12-1,2	Beam	No Messages	0,197044	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2108	cc45-140-12-1,2	Beam	No Messages	0,249647	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2109	cc45-140-12-1,2	Beam	No Messages	0,269493	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$

2110	cc45-140-12-1,2	Beam	No Messages	0,336979	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2111	cc45-140-12-1,2	Beam	No Messages	0,309895	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2112	cc45-140-12-1,2	Beam	No Messages	0,278133	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2113	cc45-140-12-1,2	Beam	No Messages	0,141243	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2114	cc45-140-12-1,2	Beam	No Messages	0,133974	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2115	cc45-140-12-1,2	Beam	No Messages	0,178849	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2116	cc45-140-12-1,2	Beam	No Messages	0,224865	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2117	cc45-140-12-1,2	Beam	No Messages	0,471684	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2118	cc45-140-12-1,2	Beam	No Messages	0,397225	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2119	cc45-140-12-1,2	Beam	No Messages	0,279354	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2120	cc45-140-12-1,2	Beam	No Messages	0,133407	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2121	cc45-140-12-1,2	Beam	No Messages	0,120466	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2122	cc45-140-12-1,2	Beam	No Messages	0,15997	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2123	cc45-140-12-1,2	Beam	No Messages	0,126264	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2124	cc45-140-12-1,2	Beam	No Messages	0,11022	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2125	cc45-140-12-1,2	Beam	No Messages	0,121984	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2126	cc45-140-12-1,2	Beam	No Messages	0,076037	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2127	cc45-140-12-1,2	Beam	No Messages	0,260702	PMM	$1.2G+1.6S+0.8W-t$
2128	cc45-140-12-1,2	Beam	No Messages	0,123967	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2129	cc45-140-12-1,2	Beam	No Messages	0,090329	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2130	cc45-140-12-1,2	Brace	No Messages	0,212217	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2131	cc45-140-12-1,2	Brace	No Messages	0,280229	PMM	$1.2G+1.6S+0.8W+t$
2132	cc45-140-12-1,2	Brace	No Messages	0,098541	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2133	cc45-140-12-1,2	Brace	No Messages	0,167271	PMM	$1.2G+1.6S+0.8W2+t$
2134	cc45-140-12-1,2	Brace	No Messages	0,175775	PMM	$1.2G+1.6S+0.8W2+t$
2135	cc45-140-12-1,2	Brace	No Messages	0,144626	PMM	$1.2G+1.6S+0.8W+t$
2136	cc45-140-12-1,2	Brace	No Messages	0,200236	PMM	$1.2G+1.6S+0.8W+t$
2137	cc45-140-12-1,2	Brace	No Messages	0,170826	PMM	$1.2G+1.6S+0.8W+t$
2138	cc45-140-12-1,2	Brace	No Messages	0,254112	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2139	cc45-140-12-1,2	Brace	No Messages	0,279548	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2140	cc45-140-12-1,2	Brace	No Messages	0,319134	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2141	cc45-140-12-1,2	Brace	No Messages	0,325649	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2142	cc45-140-12-1,2	Brace	No Messages	0,189265	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2143	cc45-140-12-1,2	Brace	No Messages	0,143503	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2144	cc45-140-12-1,2	Brace	No Messages	0,075795	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2145	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,260993	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2146	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,152124	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2147	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,239516	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2148	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,184788	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2149	cc45-140-12-1,2	Brace	No Messages	0,054946	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2150	cc45-140-12-1,2	Brace	No Messages	0,04665	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2151	cc45-140-12-1,2	Brace	No Messages	0,038451	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2152	cc45-140-12-1,2	Brace	No Messages	0,035756	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2156	cc45-140-12-1,2	Brace	No Messages	0,068496	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2157	cc45-140-12-1,2	Brace	No Messages	0,035887	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2158	cc45-140-12-1,2	Brace	No Messages	0,036818	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2159	cc45-140-12-1,2	Brace	No Messages	0,034094	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$

2160	cc45-140-12-1,2	Brace	No Messages	0,049518	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2161	cc45-140-12-1,2	Brace	No Messages	0,051208	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2162	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,232986	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2163	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,19517	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2164	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,183888	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2165	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,154351	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2166	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,424352	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2167	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,201147	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2168	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,204138	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2169	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,303356	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2170	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,198603	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2171	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,237162	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2172	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,205684	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2173	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,249016	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2174	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,282524	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2175	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,260941	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2178	cc90*45*12*1,2	Beam	No Messages	0,016463	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2179	cc90*45*12*1,2	Beam	No Messages	0,399152	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2180	cc90*45*12*1,2	Beam	No Messages	0,388379	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2181	cc90*45*12*1,2	Beam	No Messages	0,58615	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2182	cc90*45*12*1,2	Beam	No Messages	0,650603	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2183	cc90*45*12*1,2	Beam	No Messages	0,641236	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2184	cc90*45*12*1,2	Beam	No Messages	0,604315	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2185	cc90*45*12*1,2	Beam	No Messages	0,808585	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2187	cc90*45*12*1,2	Beam	No Messages	0,532113	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2188	cc90*45*12*1,2	Beam	No Messages	0,412415	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2190	cc90*45*12*1,2	Beam	No Messages	0,496336	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2191	cc90*45*12*1,2	Beam	No Messages	0,477568	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2192	cc90*45*12*1,2	Beam	No Messages	0,353466	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2193	cc90*45*12*1,2	Beam	No Messages	0,377881	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2195	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,23984	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2196	ÇİFTÇ90*45-12-1,2	Column	No Messages	0,333158	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2199	cc90*45*12*1,2	Beam	No Messages	0,0099	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2201	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,183889	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2202	cc45-140-12-1,2	Brace	No Messages	0,085836	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2203	cc45-140-12-1,2	Brace	No Messages	0,090811	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
2204	cc45-140-12-1,2	Brace	No Messages	0,06689	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2205	cc45-140-12-1,2	Brace	No Messages	0,05129	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2212	cc45-140-12-1,2	Brace	No Messages	0,011593	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2213	cc45-140-12-1,2	Brace	No Messages	0,014556	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2214	cc45-140-12-1,2	Brace	No Messages	0,014558	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2215	cc45-140-12-1,2	Brace	No Messages	0,025727	PMM	$1.2G+1.6S+0.8W+t$
2217	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,148576	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2219	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,486362	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2221	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,341627	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2222	cc45-140-12-1,2	Beam	No Messages	0,385859	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2224	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,398812	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$

2225	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,424669	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2226	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,409205	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2227	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,245459	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2228	cc45-140-12-1,2	Beam	No Messages	0,610191	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2229	cc45-140-12-1,2	Beam	No Messages	0,274218	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2230	cc45-140-12-1,2	Beam	No Messages	0,44251	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2231	cc45-140-12-1,2	Beam	No Messages	0,295337	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2232	cc45-140-12-1,2	Beam	No Messages	0,212616	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2233	cc45-140-12-1,2	Beam	No Messages	0,013738	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2234	cc45-140-12-1,2	Beam	No Messages	0,114206	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2235	cc45-140-12-1,2	Beam	No Messages	0,533072	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2236	cc45-140-12-1,2	Beam	No Messages	0,047392	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2238	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,277417	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2239	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,096689	PMM	0.9G+Ex+0.3Ey+0.3Ez-t
2240	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,261655	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2241	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,193766	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2242	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,233142	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2243	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,117284	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2244	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,254143	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2245	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,092909	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2246	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,217856	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2247	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,133333	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2248	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,301835	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2249	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,163656	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2252	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,262131	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2253	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,146882	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2254	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,294685	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2255	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,186597	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2256	cc45-140-12-1,2	Beam	No Messages	0,50653	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2257	cc45-140-12-1,2	Beam	No Messages	0,445947	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2258	cc45-140-12-1,2	Beam	No Messages	0,885575	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2259	cc45-140-12-1,2	Beam	No Messages	0,561964	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2260	cc45-140-12-1,2	Beam	No Messages	0,394246	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2261	cc45-140-12-1,2	Beam	No Messages	0,440517	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2262	cc45-140-12-1,2	Beam	No Messages	0,589717	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2263	cc45-140-12-1,2	Beam	No Messages	0,363338	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2264	cc45-140-12-1,2	Beam	No Messages	0,32775	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2265	cc45-140-12-1,2	Beam	No Messages	0,510733	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2266	cc45-140-12-1,2	Beam	No Messages	0,469453	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2267	cc45-140-12-1,2	Beam	No Messages	0,18221	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2268	cc45-140-12-1,2	Beam	No Messages	0,289924	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2269	cc45-140-12-1,2	Beam	No Messages	0,527879	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2270	cc45-140-12-1,2	Beam	No Messages	0,326594	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2271	cc45-140-12-1,2	Beam	No Messages	0,333219	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2272	cc45-140-12-1,2	Beam	No Messages	0,235677	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2273	cc45-140-12-1,2	Beam	No Messages	0,098338	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2274	cc45-140-12-1,2	Beam	No Messages	0,179533	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t

2275	cc45-140-12-1,2	Beam	No Messages	0,17258	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2279	cc45-140-12-1,2	Beam	No Messages	0,132272	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2280	cc45-140-12-1,2	Beam	No Messages	0,060362	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2281	cc45-140-12-1,2	Beam	No Messages	0,163656	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2282	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,323453	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2283	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,179475	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2286	cc45-140-12-1,2	Beam	No Messages	0,292328	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2287	cc45-140-12-1,2	Beam	No Messages	0,30584	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2291	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,500098	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2292	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,263646	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2293	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,158516	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2296	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,23656	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2297	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,167773	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2298	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,270598	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2299	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,232629	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2300	cc45-140-12-1,2	Brace	No Messages	0,068768	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2301	cc45-140-12-1,2	Brace	No Messages	0,058195	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2302	cc45-140-12-1,2	Brace	No Messages	0,055693	PMM	DSTL17
2303	cc45-140-12-1,2	Brace	No Messages	0,047373	PMM	DSTL17
2304	cc45-140-12-1,2	Brace	No Messages	0,084431	PMM	$1.2G+1.6S+0.8W+t$
2305	cc45-140-12-1,2	Brace	No Messages	0,043485	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2306	cc45-140-12-1,2	Brace	No Messages	0,044739	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2307	cc45-140-12-1,2	Brace	No Messages	0,040519	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2308	cc45-140-12-1,2	Brace	No Messages	0,054835	PMM	$0.9G+Ex+0.3Ey+0.3Ez-t$
2309	cc45-140-12-1,2	Brace	No Messages	0,061202	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2314	cc45-140-12-1,2	Brace	No Messages	0,050557	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2315	cc45-140-12-1,2	Brace	No Messages	0,041667	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2316	cc45-140-12-1,2	Brace	No Messages	0,085186	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2317	cc45-140-12-1,2	Brace	No Messages	0,073238	PMM	$0.9G+Ex+0.3Ey+0.3Ez-t$
2318	cc45-140-12-1,2	Brace	No Messages	0,063376	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2319	cc45-140-12-1,2	Brace	No Messages	0,055395	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2320	cc45-140-12-1,2	Brace	No Messages	0,100244	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2321	cc45-140-12-1,2	Brace	No Messages	0,084989	PMM	$0.9G+Ex+0.3Ey+0.3Ez-t$
2322	ÇİFTC90*45-12-1,2	Column	No Messages	0,236806	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2323	ÇİFTC90*45-12-1,2	Column	No Messages	0,322171	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2332	ÇİFTC90*45-12-1,2	Column	No Messages	0,265491	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2334	ÇİFTC90*45-12-1,2	Column	No Messages	0,228336	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2335	ÇİFTC90*45-12-1,2	Column	No Messages	0,185696	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2336	ÇİFTC90*45-12-1,2	Column	No Messages	0,16703	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2337	ÇİFTC90*45-12-1,2	Column	No Messages	0,258942	PMM	DSTL19
2338	cc90*45*12*1,2	Beam	No Messages	0,694865	PMM	DSTL18
2339	cc90*45*12*1,2	Beam	No Messages	0,484941	PMM	DSTL19
2340	cc90*45*12*1,2	Beam	No Messages	0,691506	PMM	DSTL19
2341	cc90*45*12*1,2	Beam	No Messages	0,010437	PMM	$1.2G+1.6W2+Q+0.5S+t$
2342	ÇİFTC90*45-12-1,2	Column	No Messages	0,241871	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2343	ÇİFTC90*45-12-1,2	Column	No Messages	0,218322	PMM	DSTL18
2344	ÇİFTC90*45-12-1,2	Column	No Messages	0,239222	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$

2345	CiFTC90*45-12-1,2	Column	No Messages	0,224009	PMM	DSTL18
2346	CiFTC90*45-12-1,2	Column	No Messages	0,273343	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2347	CiFTC90*45-12-1,2	Column	No Messages	0,326626	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2348	CiFTC90*45-12-1,2	Column	No Messages	0,379791	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2349	CiFTC90*45-12-1,2	Column	No Messages	0,3398	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2350	cc90*45*12*1,2	Beam	No Messages	0,68173	PMM	DSTL19
2351	cc90*45*12*1,2	Beam	No Messages	0,693781	PMM	DSTL19
2352	cc90*45*12*1,2	Beam	No Messages	0,749823	PMM	DSTL22
2355	cc90*45*12*1,2	Beam	No Messages	0,745587	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2359	CiFTC90*45-12-1,2	Column	No Messages	0,163435	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2360	CiFTC90*45-12-1,2	Column	No Messages	0,112646	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2361	CiFTC90*45-12-1,2	Column	No Messages	0,162029	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2362	CiFTC90*45-12-1,2	Column	No Messages	0,117924	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2363	CiFTC90*45-12-1,2	Column	No Messages	0,222051	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2364	CiFTC90*45-12-1,2	Column	No Messages	0,122214	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2365	CiFTC90*45-12-1,2	Column	No Messages	0,327171	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2366	CiFTC90*45-12-1,2	Column	No Messages	0,212117	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2367	cc90*45*12*1,2	Beam	No Messages	0,370492	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2368	cc90*45*12*1,2	Beam	No Messages	0,338686	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2369	cc90*45*12*1,2	Beam	No Messages	0,410666	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2370	cc90*45*12*1,2	Beam	No Messages	0,441182	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2371	CiFTC90*45-12-1,2	Column	No Messages	0,322776	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2372	CiFTC90*45-12-1,2	Column	No Messages	0,244753	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2373	CiFTC90*45-12-1,2	Column	No Messages	0,391251	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2374	CiFTC90*45-12-1,2	Column	No Messages	0,315705	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2375	cc90*45*12*1,2	Beam	No Messages	0,51485	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2376	cc90*45*12*1,2	Beam	No Messages	0,461458	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2377	cc90*45*12*1,2	Beam	No Messages	0,589659	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2378	cc90*45*12*1,2	Beam	No Messages	0,719574	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2379	cc90*45*12*1,2	Beam	No Messages	0,372318	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2380	cc90*45*12*1,2	Beam	No Messages	0,558211	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2381	CiFTC90*45-12-1,2	Column	No Messages	0,531576	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2382	CiFTC90*45-12-1,2	Column	No Messages	0,120653	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2383	CiFTC90*45-12-1,2	Column	No Messages	0,380955	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2385	CiFTC90*45-12-1,2	Column	No Messages	0,174391	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2386	CiFTC90*45-12-1,2	Column	No Messages	0,148096	PMM	DSTL18
2387	CiFTC90*45-12-1,2	Column	No Messages	0,169589	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2388	CiFTC90*45-12-1,2	Column	No Messages	0,102028	PMM	DSTL19
2389	cc90*45*12*1,2	Beam	No Messages	0,187963	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2390	cc90*45*12*1,2	Beam	No Messages	0,402315	PMM	DSTL18
2391	cc90*45*12*1,2	Beam	No Messages	0,33556	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2392	cc90*45*12*1,2	Beam	No Messages	0,402397	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2393	CiFTC90*45-12-1,2	Column	No Messages	0,392117	PMM	0.9G+Ex+0.3Ey+0.3Ez-t
2394	CiFTC90*45-12-1,2	Column	No Messages	0,135873	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2395	CiFTC90*45-12-1,2	Column	No Messages	0,229863	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2396	CiFTC90*45-12-1,2	Column	No Messages	0,161842	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2397	cc90*45*12*1,2	Beam	No Messages	0,397262	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t

2398	cc90*45*12*1,2	Beam	No Messages	0,12154	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2399	cc90*45*12*1,2	Beam	No Messages	0,017502	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2400	cc90*45*12*1,2	Beam	No Messages	0,36466	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2401	cc90*45*12*1,2	Beam	No Messages	0,223165	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2402	ÇİFTC90*45-12-1,2	Column	No Messages	0,269703	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2403	ÇİFTC90*45-12-1,2	Column	No Messages	0,090761	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2404	ÇİFTC90*45-12-1,2	Column	No Messages	0,33859	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2405	ÇİFTC90*45-12-1,2	Column	No Messages	0,221022	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2406	cc90*45*12*1,2	Beam	No Messages	0,258892	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2407	cc90*45*12*1,2	Beam	No Messages	0,241349	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2408	cc90*45*12*1,2	Beam	No Messages	0,20682	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2409	cc90*45*12*1,2	Beam	No Messages	0,027461	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2410	ÇİFTC90*45-12-1,2	Column	No Messages	0,372424	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2411	ÇİFTC90*45-12-1,2	Column	No Messages	0,118643	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2412	ÇİFTC90*45-12-1,2	Column	No Messages	0,375776	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2413	ÇİFTC90*45-12-1,2	Column	No Messages	0,121196	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2414	cc90*45*12*1,2	Beam	No Messages	0,326913	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2415	cc90*45*12*1,2	Beam	No Messages	0,748877	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2416	cc90*45*12*1,2	Beam	No Messages	0,256053	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2418	ÇİFTC90*45-12-1,2	Column	No Messages	0,374854	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2419	ÇİFTC90*45-12-1,2	Column	No Messages	0,212177	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2420	ÇİFTC90*45-12-1,2	Column	No Messages	0,506288	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2421	ÇİFTC90*45-12-1,2	Column	No Messages	0,267926	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2422	cc90*45*12*1,2	Beam	No Messages	0,39454	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2423	cc90*45*12*1,2	Beam	No Messages	0,403119	PMM	1.2G+1.6S+0.8W+t
2424	cc90*45*12*1,2	Beam	No Messages	0,356858	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2426	ÇİFTC90*45-12-1,2	Column	No Messages	0,389865	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2427	ÇİFTC90*45-12-1,2	Column	No Messages	0,381661	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2428	ÇİFTC90*45-12-1,2	Column	No Messages	0,395144	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2429	ÇİFTC90*45-12-1,2	Column	No Messages	0,244354	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2430	cc90*45*12*1,2	Beam	No Messages	0,329295	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2431	cc90*45*12*1,2	Beam	No Messages	0,331795	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2432	cc90*45*12*1,2	Beam	No Messages	0,190772	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2433	cc90*45*12*1,2	Beam	No Messages	0,621908	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2434	cc45-140-12-1,2	Column	No Messages	0,276531	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2435	cc45-140-12-1,2	Column	No Messages	0,190045	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2436	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,257736	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2437	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,455122	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2438	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,213832	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2440	cc45-140-12-1,2	Beam	No Messages	0,560444	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2441	cc45-140-12-1,2	Column	No Messages	0,234119	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2442	cc45-140-12-1,2	Column	No Messages	0,167692	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2443	cc45-140-12-1,2	Column	No Messages	0,205535	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2444	cc45-140-12-1,2	Column	No Messages	0,185171	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2445	cc45-140-12-1,2	Column	No Messages	0,183243	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2446	cc45-140-12-1,2	Column	No Messages	0,163125	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2447	cc45-140-12-1,2	Column	No Messages	0,183256	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t

2448	cc45-140-12-1,2	Column	No Messages	0,168941	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2452	cc45-140-12-1,2	Beam	No Messages	0,122417	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2453	cc45-140-12-1,2	Beam	No Messages	0,103223	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2454	cc45-140-12-1,2	Beam	No Messages	0,140533	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2455	cc45-140-12-1,2	Brace	No Messages	0,280112	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2456	cc90*45*12*1,2	Beam	No Messages	0,416555	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2457	CiFTC90*45-12-1,2	Column	No Messages	0,233675	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2458	CiFTC90*45-12-1,2	Column	No Messages	0,244691	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2459	cc90*45*12*1,2	Beam	No Messages	0,445878	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2460	cc90*45*12*1,2	Beam	No Messages	0,207945	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2461	cc90*45*12*1,2	Beam	No Messages	0,436623	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2462	CiFTC90*45-12-1,2	Beam	No Messages	0,557403	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2464	cc45-140-12-1,2	Brace	No Messages	0,097677	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2465	cc45-140-12-1,2	Brace	No Messages	0,060818	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2466	cc45-140-12-1,2	Brace	No Messages	0,070608	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2467	cc45-140-12-1,2	Brace	No Messages	0,071205	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2468	cc45-140-12-1,2	Brace	No Messages	0,101944	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2469	cc45-140-12-1,2	Brace	No Messages	0,112753	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2470	cc45-140-12-1,2	Brace	No Messages	0,155876	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2471	cc45-140-12-1,2	Brace	No Messages	0,12722	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2472	cc45-140-12-1,2	Brace	No Messages	0,114097	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2473	cc45-140-12-1,2	Brace	No Messages	0,127431	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2474	cc45-140-12-1,2	Brace	No Messages	0,159658	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2475	cc45-140-12-1,2	Brace	No Messages	0,116285	PMM	$1.2G+1.6S+0.8W+t$
2476	cc45-140-12-1,2	Brace	No Messages	0,145592	PMM	$1.2G+1.6S+0.8W+t$
2477	cc45-140-12-1,2	Brace	No Messages	0,134937	PMM	$1.2G+1.6S+0.8W+t$
2478	cc45-140-12-1,2	Brace	No Messages	0,234905	PMM	$1.2G+1.6S+0.8W2+t$
2479	cc45-140-12-1,2	Brace	No Messages	0,159635	PMM	$1.2G+1.6S+0.8W+t$
2480	cc45-140-12-1,2	Brace	No Messages	0,104731	PMM	$1.2G+1.6S+0.8W+t$
2481	cc45-140-12-1,2	Brace	No Messages	0,10268	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2482	cc45-140-12-1,2	Brace	No Messages	0,048731	PMM	$1.2G+1.6S+0.8W+t$
2483	cc45-140-12-1,2	Brace	No Messages	0,059631	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2484	cc45-140-12-1,2	Brace	No Messages	0,077558	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2485	cc45-140-12-1,2	Brace	No Messages	0,090813	PMM	$1.2G+1.6S+0.8W-t$
2486	cc45-140-12-1,2	Brace	No Messages	0,175875	PMM	$1.2G+1.6S+0.8W+t$
2487	cc45-140-12-1,2	Brace	No Messages	0,090981	PMM	$1.2G+1.6S+0.8W-t$
2488	cc45-140-12-1,2	Brace	No Messages	0,08236	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
2489	cc45-140-12-1,2	Column	No Messages	0,07006	PMM	$1.2G+1.6S+0.8W-t$
2490	cc45-140-12-1,2	Brace	No Messages	0,11176	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
2494	cc45-140-12-1,2	Brace	No Messages	0,238596	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2495	cc45-140-12-1,2	Brace	No Messages	0,216534	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
2496	cc45-140-12-1,2	Brace	No Messages	0,215862	PMM	$1.2G+1.6S+0.8W+t$
2497	cc45-140-12-1,2	Brace	No Messages	0,141715	PMM	$1.2G+1.6S+0.8W+t$
2498	cc45-140-12-1,2	Brace	No Messages	0,220967	PMM	$1.2G+1.6S+0.8W+t$
2499	cc45-140-12-1,2	Brace	No Messages	0,145382	PMM	$1.2G+1.6S+0.8W2+t$
2504	cc45-140-12-1,2	Beam	No Messages	0,10195	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
2505	cc45-140-12-1,2	Beam	No Messages	0,353817	PMM	$1.2G+1.6S+0.8W+t$

2506	cc45-140-12-1,2	Beam	No Messages	0,372706	PMM	1.2G+1.6S+0.8W+t
2507	cc45-140-12-1,2	Beam	No Messages	0,138734	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2508	cc45-140-12-1,2	Beam	No Messages	0,256937	PMM	1.2G+1.6S+0.8W2+t
2509	cc45-140-12-1,2	Beam	No Messages	0,302022	PMM	1.2G+1.6S+0.8W+t
2510	cc45-140-12-1,2	Beam	No Messages	0,23048	PMM	1.2G+1.6S+0.8W+t
2511	cc45-140-12-1,2	Beam	No Messages	0,16408	PMM	1.2G+1.6S+0.8W+t
2512	cc45-140-12-1,2	Beam	No Messages	0,250195	PMM	1.2G+1.6S+0.8W2+t
2513	cc45-140-12-1,2	Beam	No Messages	0,212347	PMM	1.2G+1.6S+0.8W2+t
2514	cc45-140-12-1,2	Beam	No Messages	0,187169	PMM	1.2G+1.6S+0.8W2+t
2515	cc45-140-12-1,2	Beam	No Messages	0,206955	PMM	1.2G+1.6S+0.8W+t
2516	cc45-140-12-1,2	Beam	No Messages	0,148263	PMM	1.2G+1.6S+0.8W-t
2517	cc45-140-12-1,2	Beam	No Messages	0,179632	PMM	1.2G+1.6S+0.8W+t
2518	cc45-140-12-1,2	Beam	No Messages	0,187075	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2519	cc45-140-12-1,2	Beam	No Messages	0,152057	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2520	cc45-140-12-1,2	Beam	No Messages	0,217814	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2521	cc45-140-12-1,2	Beam	No Messages	0,376876	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2522	cc45-140-12-1,2	Beam	No Messages	0,167367	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2523	cc45-140-12-1,2	Beam	No Messages	0,479003	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2524	cc45-140-12-1,2	Beam	No Messages	0,411158	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2525	cc45-140-12-1,2	Beam	No Messages	0,219292	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2526	cc45-140-12-1,2	Beam	No Messages	0,236109	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2527	cc45-140-12-1,2	Beam	No Messages	0,596144	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2528	cc45-140-12-1,2	Brace	No Messages	0,214596	PMM	1.2G+1.6S+0.8W+t
2529	cc45-140-12-1,2	Brace	No Messages	0,258398	PMM	1.2G+1.6S+0.8W+t
2530	cc45-140-12-1,2	Brace	No Messages	0,228191	PMM	1.2G+1.6S+0.8W2+t
2531	cc45-140-12-1,2	Brace	No Messages	0,268475	PMM	1.2G+1.6S+0.8W2+t
2532	cc45-140-12-1,2	Brace	No Messages	0,272876	PMM	1.2G+1.6S+0.8W+t
2533	cc45-140-12-1,2	Brace	No Messages	0,22571	PMM	1.2G+1.6S+0.8W+t
2534	cc45-140-12-1,2	Brace	No Messages	0,354755	PMM	1.2G+1.6S+0.8W2+t
2535	cc45-140-12-1,2	Brace	No Messages	0,338245	PMM	1.2G+1.6S+0.8W2+t
2536	cc45-140-12-1,2	Brace	No Messages	0,267618	PMM	1.2G+1.6S+0.8W2+t
2537	cc45-140-12-1,2	Brace	No Messages	0,156299	PMM	1.2G+1.6S+0.8W-t
2538	cc45-140-12-1,2	Brace	No Messages	0,115209	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2539	cc45-140-12-1,2	Brace	No Messages	0,12001	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2540	cc45-140-12-1,2	Brace	No Messages	0,22654	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2541	cc45-140-12-1,2	Brace	No Messages	0,288126	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2542	cc45-140-12-1,2	Brace	No Messages	0,307185	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2543	cc45-140-12-1,2	Brace	No Messages	0,196588	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2544	cc45-140-12-1,2	Brace	No Messages	0,180375	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2550	cc45-140-12-1,2	Column	No Messages	0,111303	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2552	cc45-140-12-1,2	Brace	No Messages	0,315018	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2556	cc45-140-12-1,2	Brace	No Messages	0,148187	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2557	cc45-140-12-1,2	Column	No Messages	0,175881	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2558	cc45-140-12-1,2	Brace	No Messages	0,52422	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2559	CiFTC90*45-12-1,2	Column	No Messages	0,430165	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2560	CiFTC90*45-12-1,2	Column	No Messages	0,570612	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2561	CiFTC90*45-12-1,2	Column	No Messages	0,496532	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

2562	CiFTC90*45-12-1,2	Column	No Messages	0,443982	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2563	cc90*45*12*1,2	Beam	No Messages	0,399695	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2564	cc90*45*12*1,2	Beam	No Messages	0,280313	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2565	cc90*45*12*1,2	Beam	No Messages	0,410895	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2566	cc90*45*12*1,2	Beam	No Messages	0,587874	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2567	cc90*45*12*1,2	Beam	No Messages	0,551119	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2568	cc90*45*12*1,2	Beam	No Messages	0,616781	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2569	cc90*45*12*1,2	Beam	No Messages	0,037614	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2570	cc90*45*12*1,2	Beam	No Messages	0,726961	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2572	cc90*45*12*1,2	Beam	No Messages	0,387469	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2573	cc90*45*12*1,2	Beam	No Messages	0,289753	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2574	cc90*45*12*1,2	Beam	No Messages	0,411377	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2575	cc90*45*12*1,2	Beam	No Messages	0,591406	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2576	cc90*45*12*1,2	Beam	No Messages	0,545014	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2578	cc90*45*12*1,2	Beam	No Messages	0,614197	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2579	cc90*45*12*1,2	Beam	No Messages	0,04689	PMM	1.2G+1.6S+0.8W+t
2580	cc90*45*12*1,2	Beam	No Messages	0,738314	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2582	cc90*45*12*1,2	Beam	No Messages	0,807604	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2583	cc90*45*12*1,2	Beam	No Messages	0,789788	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2585	cc90*45*12*1,2	Beam	No Messages	0,443186	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2586	cc90*45*12*1,2	Beam	No Messages	0,612762	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2587	cc90*45*12*1,2	Beam	No Messages	0,594111	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2588	cc90*45*12*1,2	Beam	No Messages	0,672422	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2589	cc90*45*12*1,2	Beam	No Messages	0,052068	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2590	cc90*45*12*1,2	Beam	No Messages	0,464799	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2591	cc90*45*12*1,2	Beam	No Messages	0,393581	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2593	cc90*45*12*1,2	Beam	No Messages	0,740369	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2594	cc90*45*12*1,2	Beam	No Messages	0,761591	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2595	cc90*45*12*1,2	Beam	No Messages	0,481491	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2596	cc90*45*12*1,2	Beam	No Messages	0,356521	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2597	cc90*45*12*1,2	Beam	No Messages	0,492643	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2598	cc90*45*12*1,2	Beam	No Messages	0,680793	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2599	cc90*45*12*1,2	Beam	No Messages	0,633119	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2600	cc90*45*12*1,2	Beam	No Messages	0,703244	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2601	cc90*45*12*1,2	Beam	No Messages	0,034263	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2602	cc90*45*12*1,2	Beam	No Messages	0,775056	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2603	cc90*45*12*1,2	Beam	No Messages	0,743001	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2604	cc90*45*12*1,2	Beam	No Messages	0,532328	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2605	cc90*45*12*1,2	Beam	No Messages	0,23878	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2606	cc90*45*12*1,2	Beam	No Messages	0,39201	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2607	cc90*45*12*1,2	Beam	No Messages	0,580055	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2608	cc90*45*12*1,2	Beam	No Messages	0,561344	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2609	cc90*45*12*1,2	Beam	No Messages	0,605913	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2610	cc90*45*12*1,2	Beam	No Messages	0,04519	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2611	cc90*45*12*1,2	Beam	No Messages	0,710236	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2612	cc90*45*12*1,2	Beam	No Messages	0,68577	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2613	cc90*45*12*1,2	Beam	No Messages	0,601776	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t

2614	cc90*45*12*1,2	Beam	No Messages	0,316039	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2615	cc90*45*12*1,2	Beam	No Messages	0,491585	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2616	cc90*45*12*1,2	Beam	No Messages	0,626088	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2617	cc90*45*12*1,2	Beam	No Messages	0,599134	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2618	cc90*45*12*1,2	Beam	No Messages	0,074249	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2619	cc90*45*12*1,2	Beam	No Messages	0,105233	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2621	cc90*45*12*1,2	Beam	No Messages	0,791203	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2622	cc90*45*12*1,2	Beam	No Messages	0,614531	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2623	cc90*45*12*1,2	Beam	No Messages	0,256096	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2624	cc90*45*12*1,2	Beam	No Messages	0,26292	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2625	cc90*45*12*1,2	Beam	No Messages	0,41448	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2626	cc90*45*12*1,2	Beam	No Messages	0,584416	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2627	cc90*45*12*1,2	Beam	No Messages	0,636078	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2628	cc90*45*12*1,2	Beam	No Messages	0,671647	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2629	cc90*45*12*1,2	Beam	No Messages	0,055709	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2630	cc90*45*12*1,2	Beam	No Messages	0,636007	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2631	cc90*45*12*1,2	Beam	No Messages	0,713857	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2632	cc90*45*12*1,2	Beam	No Messages	0,257382	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2633	cc90*45*12*1,2	Beam	No Messages	0,321815	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2634	cc90*45*12*1,2	Beam	No Messages	0,423028	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2635	cc90*45*12*1,2	Beam	No Messages	0,558217	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2636	cc90*45*12*1,2	Beam	No Messages	0,606102	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2637	cc90*45*12*1,2	Beam	No Messages	0,668026	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2638	cc90*45*12*1,2	Beam	No Messages	0,031763	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2639	cc90*45*12*1,2	Beam	No Messages	0,594104	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2640	cc90*45*12*1,2	Beam	No Messages	0,707379	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2641	cc90*45*12*1,2	Beam	No Messages	0,507329	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2642	cc90*45*12*1,2	Beam	No Messages	0,439794	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2643	cc90*45*12*1,2	Beam	No Messages	0,428056	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2644	cc90*45*12*1,2	Beam	No Messages	0,555952	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2645	cc90*45*12*1,2	Beam	No Messages	0,601796	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2646	cc90*45*12*1,2	Beam	No Messages	0,698504	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2647	cc90*45*12*1,2	Beam	No Messages	0,061764	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2648	cc90*45*12*1,2	Beam	No Messages	0,657116	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2649	cc90*45*12*1,2	Beam	No Messages	0,688353	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2650	cc90*45*12*1,2	Beam	No Messages	0,422012	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2651	cc90*45*12*1,2	Beam	No Messages	0,455636	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2652	cc90*45*12*1,2	Beam	No Messages	0,479382	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
2653	cc90*45*12*1,2	Beam	No Messages	0,629845	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2654	cc90*45*12*1,2	Beam	No Messages	0,646519	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2655	cc90*45*12*1,2	Beam	No Messages	0,684821	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2656	cc90*45*12*1,2	Beam	No Messages	0,049092	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2659	cc90*45*12*1,2	Beam	No Messages	0,615011	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2660	cc90*45*12*1,2	Beam	No Messages	0,706048	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2661	cc45-140-12-1,2	Brace	No Messages	0,306191	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2662	cc45-140-12-1,2	Brace	No Messages	0,17909	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2663	cc45-140-12-1,2	Brace	No Messages	0,146455	PMM	1.2G+1.6S+0.8W-t

2664	cc45-140-12-1,2	Brace	No Messages	0,096709	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2665	cc45-140-12-1,2	Column	No Messages	0,046427	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2666	cc45-140-12-1,2	Brace	No Messages	0,234123	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2667	cc45-140-12-1,2	Brace	No Messages	0,11822	PMM	1.2G+1.6S+0.8W2+t
2668	cc45-140-12-1,2	Beam	No Messages	0,121977	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2669	cc45-140-12-1,2	Beam	No Messages	0,60356	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2670	cc45-140-12-1,2	Beam	No Messages	0,321872	PMM	1.2G+1.6S+0.8W+t
2671	cc45-140-12-1,2	Beam	No Messages	0,281868	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2672	cc45-140-12-1,2	Beam	No Messages	0,627011	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2673	cc45-140-12-1,2	Brace	No Messages	0,118324	PMM	1.2G+1.6S+0.8W2+t
2674	cc45-140-12-1,2	Brace	No Messages	0,181868	PMM	1.2G+1.6S+0.8W2+t
2675	cc45-140-12-1,2	Brace	No Messages	0,22397	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2676	cc45-140-12-1,2	Brace	No Messages	0,228042	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2677	cc45-140-12-1,2	Beam	No Messages	0,159362	PMM	1.2G+1.6S+0.8W+t
2678	cc45-140-12-1,2	Beam	No Messages	0,158062	PMM	1.2G+1.6S+0.8W-t
2679	cc45-140-12-1,2	Beam	No Messages	0,160015	PMM	1.2G+1.6S+0.8W+t
2680	cc45-140-12-1,2	Beam	No Messages	0,1615	PMM	1.2G+1.6S+0.8W+t
2681	cc45-140-12-1,2	Beam	No Messages	0,161494	PMM	1.2G+1.6S+0.8W+t
2682	cc45-140-12-1,2	Beam	No Messages	0,160632	PMM	1.2G+1.6S+0.8W+t
2683	cc45-140-12-1,2	Beam	No Messages	0,158925	PMM	1.2G+1.6S+0.8W+t
2684	cc45-140-12-1,2	Beam	No Messages	0,158339	PMM	1.2G+1.6S+0.8W+t
2685	cc45-140-12-1,2	Beam	No Messages	0,160422	PMM	1.2G+1.6S+0.8W+t
2686	cc45-140-12-1,2	Beam	No Messages	0,163552	PMM	1.2G+1.6S+0.8W+t
2687	cc45-140-12-1,2	Beam	No Messages	0,158401	PMM	1.2G+1.6S+0.8W+t
2688	cc45-140-12-1,2	Beam	No Messages	0,155441	PMM	1.2G+1.6S+0.8W-t
2689	cc45-140-12-1,2	Beam	No Messages	0,155267	PMM	1.2G+1.6S+0.8W+t
2690	cc45-140-12-1,2	Beam	No Messages	0,155384	PMM	1.2G+1.6S+0.8W+t
2691	cc45-140-12-1,2	Beam	No Messages	0,15491	PMM	1.2G+1.6S+0.8W+t
2692	cc45-140-12-1,2	Beam	No Messages	0,156073	PMM	1.2G+1.6S+0.8W-t
2693	cc90*45*12*1,2	Beam	No Messages	0,270404	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2694	cc90*45*12*1,2	Beam	No Messages	0,302051	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2695	cc90*45*12*1,2	Beam	No Messages	0,241582	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2696	cc90*45*12*1,2	Beam	No Messages	0,323263	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2697	cc90*45*12*1,2	Beam	No Messages	0,385393	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2698	cc90*45*12*1,2	Beam	No Messages	0,494257	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2699	cc90*45*12*1,2	Beam	No Messages	0,037027	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2700	cc90*45*12*1,2	Beam	No Messages	0,294893	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2701	cc90*45*12*1,2	Beam	No Messages	0,283882	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2702	cc90*45*12*1,2	Beam	No Messages	0,250905	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2703	cc90*45*12*1,2	Beam	No Messages	0,384559	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2704	cc90*45*12*1,2	Beam	No Messages	0,39324	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2705	cc90*45*12*1,2	Beam	No Messages	0,533972	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2706	cc90*45*12*1,2	Beam	No Messages	0,091742	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2707	cc45-140-12-1,2	Brace	No Messages	0,027246	PMM	DSTL16
2708	cc45-140-12-1,2	Brace	No Messages	0,028986	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2709	cc45-140-12-1,2	Brace	No Messages	0,045318	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2710	cc45-140-12-1,2	Brace	No Messages	0,049401	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t

2711	cc45-140-12-1,2	Beam	No Messages	0,163639	PMM	1.2G+1.6S+0.8W+t
2712	cc45-140-12-1,2	Beam	No Messages	0,16362	PMM	1.2G+1.6S+0.8W+t
2713	cc45-140-12-1,2	Beam	No Messages	0,161444	PMM	1.2G+1.6S+0.8W+t
2714	cc45-140-12-1,2	Beam	No Messages	0,165027	PMM	1.2G+1.6S+0.8W+t
2715	cc45-140-12-1,2	Beam	No Messages	0,166594	PMM	1.2G+1.6S+0.8W+t
2716	cc45-140-12-1,2	Beam	No Messages	0,164706	PMM	1.2G+1.6S+0.8W+t
2717	cc45-140-12-1,2	Beam	No Messages	0,160891	PMM	1.2G+1.6S+0.8W+t
2718	cc45-140-12-1,2	Beam	No Messages	0,160121	PMM	1.2G+1.6S+0.8W+t
2719	cc45-140-12-1,2	Beam	No Messages	0,164615	PMM	1.2G+1.6S+0.8W+t
2720	cc45-140-12-1,2	Beam	No Messages	0,169749	PMM	1.2G+1.6S+0.8W+t
2721	cc45-140-12-1,2	Beam	No Messages	0,161583	PMM	1.2G+1.6S+0.8W+t
2722	cc45-140-12-1,2	Beam	No Messages	0,156291	PMM	1.2G+1.6S+0.8W-t
2723	cc45-140-12-1,2	Beam	No Messages	0,155854	PMM	1.2G+1.6S+0.8W+t
2724	cc45-140-12-1,2	Beam	No Messages	0,155983	PMM	1.2G+1.6S+0.8W+t
2725	cc45-140-12-1,2	Beam	No Messages	0,15525	PMM	1.2G+1.6S+0.8W+t
2726	cc45-140-12-1,2	Beam	No Messages	0,156447	PMM	1.2G+1.6S+0.8W-t
2727	cc45-140-12-1,2	Beam	No Messages	0,166758	PMM	1.2G+1.6S+0.8W+t
2728	cc45-140-12-1,2	Beam	No Messages	0,162276	PMM	1.2G+1.6S+0.8W-t
2729	cc45-140-12-1,2	Beam	No Messages	0,158594	PMM	1.2G+1.6S+0.8W+t
2730	cc45-140-12-1,2	Beam	No Messages	0,164638	PMM	1.2G+1.6S+0.8W+t
2731	cc45-140-12-1,2	Beam	No Messages	0,170091	PMM	1.2G+1.6S+0.8W+t
2732	cc45-140-12-1,2	Beam	No Messages	0,166524	PMM	1.2G+1.6S+0.8W+t
2733	cc45-140-12-1,2	Beam	No Messages	0,158367	PMM	1.2G+1.6S+0.8W+t
2734	cc45-140-12-1,2	Beam	No Messages	0,158396	PMM	1.2G+1.6S+0.8W+t
2735	cc45-140-12-1,2	Beam	No Messages	0,166556	PMM	1.2G+1.6S+0.8W+t
2736	cc45-140-12-1,2	Beam	No Messages	0,16407	PMM	1.2G+1.6S+0.8W+t
2737	cc45-140-12-1,2	Beam	No Messages	0,164354	PMM	1.2G+1.6S+0.8W+t
2738	cc45-140-12-1,2	Beam	No Messages	0,15683	PMM	1.2G+1.6S+0.8W-t
2739	cc45-140-12-1,2	Beam	No Messages	0,156555	PMM	1.2G+1.6S+0.8W+t
2740	cc45-140-12-1,2	Beam	No Messages	0,156591	PMM	1.2G+1.6S+0.8W+t
2741	cc45-140-12-1,2	Beam	No Messages	0,155458	PMM	1.2G+1.6S+0.8W+t
2742	cc45-140-12-1,2	Beam	No Messages	0,156849	PMM	1.2G+1.6S+0.8W-t
2743	cc45-140-12-1,2	Beam	No Messages	0,169225	PMM	1.2G+1.6S+0.8W+t
2744	cc45-140-12-1,2	Beam	No Messages	0,161321	PMM	1.2G+1.6S+0.8W-t
2745	cc45-140-12-1,2	Beam	No Messages	0,159229	PMM	1.2G+1.6S+0.8W+t
2746	cc45-140-12-1,2	Beam	No Messages	0,169042	PMM	1.2G+1.6S+0.8W+t
2747	cc45-140-12-1,2	Beam	No Messages	0,177569	PMM	1.2G+1.6S+0.8W+t
2748	cc45-140-12-1,2	Beam	No Messages	0,17178	PMM	1.2G+1.6S+0.8W+t
2749	cc45-140-12-1,2	Beam	No Messages	0,158622	PMM	1.2G+1.6S+0.8W+t
2750	cc45-140-12-1,2	Beam	No Messages	0,157254	PMM	1.2G+1.6S+0.8W+t
2751	cc45-140-12-1,2	Beam	No Messages	0,172389	PMM	1.2G+1.6S+0.8W+t
2752	cc45-140-12-1,2	Beam	No Messages	0,181705	PMM	1.2G+1.6S+0.8W+t
2753	cc45-140-12-1,2	Beam	No Messages	0,168154	PMM	1.2G+1.6S+0.8W+t
2754	cc45-140-12-1,2	Beam	No Messages	0,156695	PMM	1.2G+1.6S+0.8W-t
2755	cc45-140-12-1,2	Beam	No Messages	0,156625	PMM	1.2G+1.6S+0.8W+t
2756	cc45-140-12-1,2	Beam	No Messages	0,159145	PMM	1.2G+1.6S+0.8W+t
2757	cc45-140-12-1,2	Beam	No Messages	0,156741	PMM	1.2G+1.6S+0.8W+t

2758	cc45-140-12-1,2	Beam	No Messages	0,155487	PMM	1.2G+1.6S+0.8W+t
2759	cc45-140-12-1,2	Beam	No Messages	0,17389	PMM	1.2G+1.6S+0.8W+t
2760	cc45-140-12-1,2	Beam	No Messages	0,169039	PMM	1.2G+1.6S+0.8W+t
2761	cc45-140-12-1,2	Beam	No Messages	0,160809	PMM	1.2G+1.6S+0.8W+t
2762	cc45-140-12-1,2	Beam	No Messages	0,172836	PMM	1.2G+1.6S+0.8W+t
2763	cc45-140-12-1,2	Beam	No Messages	0,186905	PMM	1.2G+1.6S+0.8W+t
2764	cc45-140-12-1,2	Beam	No Messages	0,177719	PMM	1.2G+1.6S+0.8W+t
2765	cc45-140-12-1,2	Beam	No Messages	0,158748	PMM	1.2G+1.6S+0.8W+t
2766	cc45-140-12-1,2	Beam	No Messages	0,156293	PMM	1.2G+1.6S+0.8W+t
2767	cc45-140-12-1,2	Beam	No Messages	0,179026	PMM	1.2G+1.6S+0.8W+t
2768	cc45-140-12-1,2	Beam	No Messages	0,212739	PMM	1.2G+1.6S+0.8W+t
2769	cc45-140-12-1,2	Beam	No Messages	0,171592	PMM	1.2G+1.6S+0.8W+t
2770	cc45-140-12-1,2	Beam	No Messages	0,156476	PMM	1.2G+1.6S+0.8W-t
2771	cc45-140-12-1,2	Beam	No Messages	0,157755	PMM	1.2G+1.6S+0.8W+t
2772	cc45-140-12-1,2	Beam	No Messages	0,161713	PMM	1.2G+1.6S+0.8W+t
2773	cc45-140-12-1,2	Beam	No Messages	0,157648	PMM	1.2G+1.6S+0.8W+t
2774	cc45-140-12-1,2	Beam	No Messages	0,158302	PMM	1.2G+1.6S+0.8W-t
2775	cc45-140-12-1,2	Beam	No Messages	0,1786	PMM	1.2G+1.6S+0.8W+t
2776	cc45-140-12-1,2	Beam	No Messages	0,156792	PMM	1.2G+1.6S+0.8W-t
2777	cc45-140-12-1,2	Beam	No Messages	0,158067	PMM	1.2G+1.6S+0.8W+t
2778	cc45-140-12-1,2	Beam	No Messages	0,174946	PMM	1.2G+1.6S+0.8W+t
2779	cc45-140-12-1,2	Beam	No Messages	0,198762	PMM	1.2G+1.6S+0.8W+t
2780	cc45-140-12-1,2	Beam	No Messages	0,183367	PMM	1.2G+1.6S+0.8W+t
2781	cc45-140-12-1,2	Beam	No Messages	0,157903	PMM	1.2G+1.6S+0.8W-t
2782	cc45-140-12-1,2	Beam	No Messages	0,155137	PMM	1.2G+1.6S+0.8W-t
2783	cc45-140-12-1,2	Beam	No Messages	0,180436	PMM	1.2G+1.6S+0.8W+t
2784	cc45-140-12-1,2	Beam	No Messages	0,2031	PMM	1.2G+1.6S+0.8W+t
2785	cc45-140-12-1,2	Beam	No Messages	0,170841	PMM	1.2G+1.6S+0.8W+t
2786	cc45-140-12-1,2	Beam	No Messages	0,156487	PMM	1.2G+1.6S+0.8W-t
2787	cc45-140-12-1,2	Beam	No Messages	0,159135	PMM	1.2G+1.6S+0.8W+t
2788	cc45-140-12-1,2	Beam	No Messages	0,163028	PMM	1.2G+1.6S+0.8W+t
2789	cc45-140-12-1,2	Beam	No Messages	0,155494	PMM	1.2G+1.6S+0.8W-t
2790	cc45-140-12-1,2	Beam	No Messages	0,156096	PMM	1.2G+1.6S+0.8W-t
2791	cc45-140-12-1,2	Beam	No Messages	0,209587	PMM	1.2G+1.6S+0.8W+t
2792	cc45-140-12-1,2	Beam	No Messages	0,185077	PMM	1.2G+1.6S+0.8W-t
2793	cc45-140-12-1,2	Beam	No Messages	0,178904	PMM	1.2G+1.6S+0.8W+t
2794	cc45-140-12-1,2	Beam	No Messages	0,19602	PMM	1.2G+1.6S+0.8W+t
2795	cc45-140-12-1,2	Beam	No Messages	0,243089	PMM	1.2G+1.6S+0.8W+t
2796	cc45-140-12-1,2	Beam	No Messages	0,211173	PMM	1.2G+1.6S+0.8W+t
2797	cc45-140-12-1,2	Beam	No Messages	0,178929	PMM	1.2G+1.6S+0.8W-t
2798	cc45-140-12-1,2	Beam	No Messages	0,179515	PMM	1.2G+1.6S+0.8W+t
2799	cc45-140-12-1,2	Beam	No Messages	0,203524	PMM	1.2G+1.6S+0.8W+t
2800	cc45-140-12-1,2	Beam	No Messages	0,237047	PMM	1.2G+1.6S+0.8W+t
2801	cc45-140-12-1,2	Beam	No Messages	0,191528	PMM	1.2G+1.6S+0.8W-t
2802	cc45-140-12-1,2	Beam	No Messages	0,179559	PMM	1.2G+1.6S+0.8W-t
2803	cc45-140-12-1,2	Beam	No Messages	0,184061	PMM	1.2G+1.6S+0.8W+t
2804	cc45-140-12-1,2	Beam	No Messages	0,188357	PMM	1.2G+1.6S+0.8W+t

2805	cc45-140-12-1,2	Beam	No Messages	0,177846	PMM	1.2G+1.6S+0.8W-t
2806	cc45-140-12-1,2	Beam	No Messages	0,177655	PMM	1.2G+1.6S+0.8W-t
2807	cc45-140-12-1,2	Brace	No Messages	0,036481	PMM	DSTL16
2808	cc45-140-12-1,2	Brace	No Messages	0,03287	PMM	DSTL17
2809	cc45-140-12-1,2	Brace	No Messages	0,063409	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2810	cc45-140-12-1,2	Brace	No Messages	0,048556	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2815	cc45-140-12-1,2	Brace	No Messages	0,033887	PMM	DSTL16
2816	cc45-140-12-1,2	Brace	No Messages	0,034723	PMM	DSTL17
2821	cc90*45*12*1,2	Beam	No Messages	0,61947	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
2822	cc90*45*12*1,2	Beam	No Messages	0,786168	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2823	cc45-140-12-1,2	Beam	No Messages	0,243113	PMM	1.2G+1.6S+0.8W+t
2824	cc45-140-12-1,2	Beam	No Messages	0,254322	PMM	1.2G+1.6S+0.8W+t
2825	cc45-140-12-1,2	Beam	No Messages	0,263868	PMM	1.2G+1.6S+0.8W+t
2826	cc45-140-12-1,2	Beam	No Messages	0,246667	PMM	1.2G+1.6S+0.8W-t
2827	cc45-140-12-1,2	Beam	No Messages	0,243877	PMM	1.2G+1.6S+0.8W-t
2828	cc45-140-12-1,2	Beam	No Messages	0,253197	PMM	1.2G+1.6S+0.8W+t
2829	cc45-140-12-1,2	Beam	No Messages	0,449279	PMM	1.2G+1.6S+0.8W2+t
2830	cc45-140-12-1,2	Beam	No Messages	0,274526	PMM	1.2G+1.6S+0.8W+t
2831	cc45-140-12-1,2	Beam	No Messages	0,2454	PMM	1.2G+1.6S+0.8W+t
2832	cc45-140-12-1,2	Beam	No Messages	0,244329	PMM	1.2G+1.6S+0.8W+t
2833	cc45-140-12-1,2	Beam	No Messages	0,266857	PMM	1.2G+1.6S+0.8W+t
2834	cc45-140-12-1,2	Beam	No Messages	0,330551	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
2835	cc45-140-12-1,2	Beam	No Messages	0,248655	PMM	1.2G+1.6S+0.8W-t
2836	cc45-140-12-1,2	Beam	No Messages	0,244489	PMM	1.2G+1.6S+0.8W-t
2837	cc45-140-12-1,2	Beam	No Messages	0,242897	PMM	1.2G+1.6S+0.8W-t
2841	cc45-140-12-1,2	Beam	No Messages	0,213866	PMM	1.2G+1.6S+0.8W-t
2842	cc45-140-12-1,2	Beam	No Messages	0,236486	PMM	1.2G+1.6S+0.8W+t
2843	cc45-140-12-1,2	Beam	No Messages	0,222937	PMM	1.2G+1.6S+0.8W+t
2844	cc45-140-12-1,2	Beam	No Messages	0,215977	PMM	1.2G+1.6S+0.8W-t
2845	cc45-140-12-1,2	Beam	No Messages	0,217875	PMM	1.2G+1.6S+0.8W-t
2846	cc45-140-12-1,2	Beam	No Messages	0,219029	PMM	1.2G+1.6S+0.8W-t
2847	cc45-140-12-1,2	Beam	No Messages	0,464379	PMM	1.2G+1.6S+0.8W2+t
2848	cc45-140-12-1,2	Beam	No Messages	0,239105	PMM	1.2G+1.6S+0.8W+t
2849	cc45-140-12-1,2	Beam	No Messages	0,216698	PMM	1.2G+1.6S+0.8W+t
2850	cc45-140-12-1,2	Beam	No Messages	0,214223	PMM	1.2G+1.6S+0.8W+t
2851	cc45-140-12-1,2	Beam	No Messages	0,235672	PMM	1.2G+1.6S+0.8W+t
2852	cc45-140-12-1,2	Beam	No Messages	0,290788	PMM	1.2G+1.6S+0.8W+t
2853	cc45-140-12-1,2	Beam	No Messages	0,216175	PMM	1.2G+1.6S+0.8W-t
2854	cc45-140-12-1,2	Beam	No Messages	0,216294	PMM	1.2G+1.6S+0.8W-t
2855	cc45-140-12-1,2	Beam	No Messages	0,214317	PMM	1.2G+1.6S+0.8W-t
2856	cc45-140-12-1,2	Beam	No Messages	0,2245	PMM	1.2G+1.6S+0.8W-t
2857	cc45-140-12-1,2	Beam	No Messages	0,363956	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2859	cc45-140-12-1,2	Brace	No Messages	0,616345	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2860	cc45-140-12-1,2	Brace	No Messages	0,616044	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2863	cc45-140-12-1,2	Brace	No Messages	0,114042	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
2864	cc45-140-12-1,2	Brace	No Messages	0,444479	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
2866	cc45-140-12-1,2	Brace	No Messages	0,090145	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t

2867	cc90*45*12*1,2	Beam	No Messages	0,048948	PMM	0.9G+Ex+0.3Ey+0.3Ez-t
2868	cc90*45*12*1,2	Beam	No Messages	0,484614	PMM	1.2G+1.6S+0.8W+t
2869	cc90*45*12*1,2	Beam	No Messages	0,056986	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
2870	ÇİFTÇ90*45-12-1,2	Beam	No Messages	0,013834	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
13	cc45-140-12-1,2	Brace	No Messages	0,058614	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
18	cc45-140-12-1,2	Brace	No Messages	0,068034	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
19	RHS40*80*3	Brace	No Messages	0,102494	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
20	RHS40*80*3	Brace	No Messages	0,064587	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
21	RHS40*80*3	Brace	No Messages	0,034242	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
22	RHS40*80*3	Brace	No Messages	0,049045	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
23	RHS40*80*3	Brace	No Messages	0,078381	PMM	DSTL19
24	RHS40*80*3	Brace	No Messages	0,112739	PMM	DSTL18
25	RHS40*80*3	Brace	No Messages	0,098903	PMM	DSTL19
26	RHS40*80*3	Brace	No Messages	0,098484	PMM	DSTL18
38	RHS40*80*3	Brace	No Messages	0,332246	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
39	RHS40*80*3	Brace	No Messages	0,28698	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
51	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,577546	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
52	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,405854	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
53	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,310667	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
55	cc45-140-12-1,2	Beam	No Messages	0,275317	PMM	DSTL17
56	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,552038	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
57	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,401483	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
58	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,336448	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
59	cc45-140-12-1,2	Beam	No Messages	0,251774	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
60	cc45-140-12-1,2	Beam	No Messages	0,19243	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
61	cc45-140-12-1,2	Brace	No Messages	0,09	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
62	cc45-140-12-1,2	Brace	No Messages	0,084053	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
63	cc45-140-12-1,2	Brace	No Messages	0,235258	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t
64	cc45-140-12-1,2	Brace	No Messages	0,22475	PMM	0.9G+Ex+0.3Ey+0.3Ez+t
67	cc45-140-12-1,2	Brace	No Messages	0,062765	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
68	cc45-140-12-1,2	Brace	No Messages	0,064984	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
69	cc45-140-12-1,2	Brace	No Messages	0,078204	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
70	cc45-140-12-1,2	Brace	No Messages	0,081629	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
71	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,180667	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
72	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,275864	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
74	cc45-140-12-1,2	Beam	No Messages	0,078712	Major Shear	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
77	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,038862	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
79	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,037823	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
81	cc45-140-12-1,2	Beam	No Messages	0,035681	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
83	cc45-140-12-1,2	Brace	No Messages	0,016658	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
84	cc45-140-12-1,2	Brace	No Messages	0,018647	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
85	cc45-140-12-1,2	Brace	No Messages	0,018084	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
86	cc45-140-12-1,2	Brace	No Messages	0,016338	PMM	1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t
90	cc45-140-12-1,2	Brace	No Messages	0,031101	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
91	cc45-140-12-1,2	Brace	No Messages	0,037194	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t
92	cc45-140-12-1,2	Brace	No Messages	0,042038	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t
93	cc45-140-12-1,2	Brace	No Messages	0,038821	PMM	1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t

95	cc45-140-12-1,2	Brace	No Messages	0,072187	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
96	cc45-140-12-1,2	Brace	No Messages	0,077985	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
97	cc45-140-12-1,2	Brace	No Messages	0,079861	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
98	cc45-140-12-1,2	Brace	No Messages	0,110248	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
99	cc45-140-12-1,2	Brace	No Messages	0,084574	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
100	cc45-140-12-1,2	Brace	No Messages	0,077617	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
101	cc45-140-12-1,2	Brace	No Messages	0,328314	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
102	cc45-140-12-1,2	Brace	No Messages	0,272989	PMM	$0.9G+0.3Ex+Ey+0.3Ez$
108	cc90*45*12*1,2	Brace	No Messages	0,221413	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
109	cc90*45*12*1,2	Brace	No Messages	0,236459	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
110	cc90*45*12*1,2	Brace	No Messages	0,23607	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
111	cc90*45*12*1,2	Brace	No Messages	0,31445	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
112	cc90*45*12*1,2	Brace	No Messages	0,219741	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
113	cc90*45*12*1,2	Brace	No Messages	0,266241	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
114	cc90*45*12*1,2	Brace	No Messages	0,249977	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
115	cc90*45*12*1,2	Brace	No Messages	0,270316	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
121	cc90*45*12*1,2	Brace	No Messages	0,061767	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
122	cc90*45*12*1,2	Brace	No Messages	0,060505	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
123	cc90*45*12*1,2	Brace	No Messages	0,068297	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
124	cc90*45*12*1,2	Brace	No Messages	0,065749	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
131	cc90*45*12*1,2	Brace	No Messages	0,222242	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
132	cc90*45*12*1,2	Brace	No Messages	0,203171	PMM	$0.9G+Ex+0.3Ey+0.3Ez-t$
133	cc90*45*12*1,2	Brace	No Messages	0,304064	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
134	cc90*45*12*1,2	Brace	No Messages	0,269142	PMM	$0.9G+Ex+0.3Ey+0.3Ez-t$
135	CİFTC90*45-12-1,2	Column	No Messages	0,104682	PMM	DSTL19
136	cc90*45*12*1,2	Brace	No Messages	0,316272	PMM	DSTL23
137	cc90*45*12*1,2	Brace	No Messages	0,323226	PMM	DSTL18
138	cc90*45*12*1,2	Brace	No Messages	0,302982	PMM	DSTL19
139	cc90*45*12*1,2	Brace	No Messages	0,286559	PMM	DSTL18
140	cc90*45*12*1,2	Brace	No Messages	0,201974	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
141	cc90*45*12*1,2	Brace	No Messages	0,232905	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
142	cc90*45*12*1,2	Brace	No Messages	0,208718	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
143	cc90*45*12*1,2	Brace	No Messages	0,094358	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
66	cc45-140-12-1,2	Beam	No Messages	0,053099	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
73	cc45-140-12-1,2	Brace	No Messages	0,074403	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
75	cc90*45*12*1,2	Beam	No Messages	0,020144	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
80	cc90*45*12*1,2	Beam	No Messages	0,020951	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
82	CİFTC90*45-12-1,2	Column	No Messages	0,653706	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
87	CİFTC90*45-12-1,2	Column	No Messages	0,338513	PMM	$1.2G+1.6S+0.8W+t$
88	cc90*45*12*1,2	Beam	No Messages	0,40732	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
89	cc90*45*12*1,2	Beam	No Messages	0,352027	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
65	cc45-140-12-1,2	Beam	No Messages	0,702196	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
106	cc45-140-12-1,2	Beam	No Messages	0,631837	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
107	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,120178	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
116	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,453196	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
117	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,244463	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
119	cc45-140-12-1,2	Beam	No Messages	0,585104	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$

120	cc45-140-12-1,2	Beam	No Messages	0,197295	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
125	cc45-140-12-1,2	Brace	No Messages	0,03415	PMM	$1.2G+1.6S+0.8W-t$
126	cc45-140-12-1,2	Brace	No Messages	0,090851	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
127	cc45-140-12-1,2	Brace	No Messages	0,036988	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
128	cc45-140-12-1,2	Brace	No Messages	0,049999	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S+t$
129	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,454531	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
130	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,292799	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
144	cc45-140-12-1,2	Brace	No Messages	0,060279	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
145	cc45-140-12-1,2	Brace	No Messages	0,054557	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
146	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,587133	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
147	cc45-140-12-1,2	Beam	No Messages	0,295337	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
148	cc45-140-12-1,2	Beam	No Messages	0,117974	PMM	$1.2G+Ex+0.3Ey+0.3Ez+Q+0.2S-t$
149	cc45-140-12-1,2	Beam	No Messages	0,410378	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
150	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,573237	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
151	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,46649	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
152	cc45-140-12-1,2	Beam	No Messages	0,554098	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
153	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,125435	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
154	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,42742	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
155	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,25411	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
156	cc45-140-12-1,2	Beam	No Messages	0,604572	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
157	cc45-140-12-1,2	Beam	No Messages	0,18251	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
158	cc45-140-12-1,2	Brace	No Messages	0,023548	PMM	$1.2G+1.6S+0.8W+t$
159	cc45-140-12-1,2	Brace	No Messages	0,095422	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
160	cc45-140-12-1,2	Brace	No Messages	0,054407	PMM	DSTL17
162	cc45-140-12-1,2	Brace	No Messages	0,049126	PMM	$0.9G+Ex+0.3Ey+0.3Ez+t$
164	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,565782	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
165	cc45-140-12-1,2	Beam	No Messages	0,002571	PMM	DSTL26
166	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,508996	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
167	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,299237	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
168	ÇİFTLİ C140*45*12*1,2	Column	No Messages	0,186382	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S-t$
169	cc45-140-12-1,2	Beam	No Messages	0,002626	PMM	DSTL26
54	cc45-140-12-1,2	Beam	No Messages	0,009675	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
94	cc45-140-12-1,2	Beam	No Messages	0,015499	PMM	$1.2G+0.3Ex+Ey+0.3Ez+Q+0.2S+t$
103	cc45-140-12-1,2	Brace	No Messages	0,09206	PMM	$1.2G+1.6S+0.8W+t$



Türkiye Deprem Tehlike Haritaları İnteraktif Web Uygulaması

Kullanıcı Girdileri

Rapor Başlığı:	MUŞ
Deprem Yer Hareketi Düzeyi	DD-2 50 yılda aşılma olasılığı %10 (tekrarlanma periyodu 475 yıl) olan deprem yer hareketi düzeyi
Yerel Zemin Sınıfı	ZD Orta sıkı - sıkı kum, çakıl veya çok katı kil tabakaları
Enlem:	38.7346°
Boylam	41.491°

Çıktılar

$S_S = 0.794$ $S_1 = 0.230$ $PGA = 0.327$ $PGV = 20.457$

S_S : Kısa periyot harita spektral ivme katsayısı [boyutsuz]

S_1 : 1.0 saniye periyot için harita spektral ivme katsayısı [boyutsuz]

PGA : En büyük yer ivmesi [g]

PGV : En büyük yer hızı [cm/sn]

Yerel Zemin Sınıfları

Yerel Zemin Sınıfı	Zemin Cinsi	Üst 30 metrede ortalama		
		$(V_s)_{30}$ [m/s]	$(N_{60})_{30}$ [darbe/30 cm]	$(C_u)_{30}$ [kPa]
ZA	Sağlam, sert kayalar	> 1500	-	-
ZB	Az ayrıışmış, orta sağlam kayalar	760 - 1500	-	-
ZC	Çok sıkı kum, çakıl ve sert kil tabakaları veya ayrıışmış, çok çatlaklı zayıf kayalar	360 - 760	> 50	> 250
ZD	Orta sıkı - sıkı kum, çakıl veya çok katı kil tabakaları	180 - 360	15 - 50	70 - 250
ZE	Gevşek kum, çakıl veya yumuşak - katı kil tabakaları veya $PI > 20$ ve $w > \% 40$ koşullarını sağlayan toplamda 3 metreden daha kalın yumuşak kil tabakası ($C_u < 25$ kPa) içeren profiller	< 180	< 15	< 70
ZF	Sahaya özel araştırma ve değerlendirme gerektiren zeminler : 1) Deprem etkisi altında çökme ve potansiyel göçme riskine sahip zeminler (sıvılaşabilir zeminler, yüksek derecede hassas killler, göçebilir zayıf çimentolu zeminler vb.), 2) Toplam kalınlığı 3 metreden fazla turba ve/veya organik içeriği yüksek killler, 3) Toplam kalınlığı 8 metreden fazla olan yüksek plastisiteli ($PI > 50$) killler , 4) Çok kalın (> 35 m) yumuşak veya orta katı killler.			

Yerel Zemin Etki Katsayıları

Yerel Zemin Sınıfı	Kısa periyot bölgesi için <i>Yerel Zemin Etki Katsayısı</i> F_S					
	$S_S \leq 0.25$	$S_S = 0.50$	$S_S = 0.75$	$S_S = 1.00$	$S_S = 1.25$	$S_S \geq 1.50$
ZA	0.8	0.8	0.8	0.8	0.8	0.8
ZB	0.9	0.9	0.9	0.9	0.9	0.9
ZC	1.3	1.3	1.2	1.2	1.2	1.2
ZD	1.6	1.4	1.2	1.1	1.0	1.0
ZE	2.4	1.7	1.3	1.1	0.9	0.8
ZF	Sahaya özel zemin davranış analizi yapılacaktır.					

Yerel Zemin Sınıfı ZD ve $S_S=0.794$ için $F_S=1.182$

Yerel Zemin Sınıfı	1.0 saniye periyot için <i>Yerel Zemin Etki Katsayısı</i> F_1					
	$S_1 \leq 0.10$	$S_1 = 0.20$	$S_1 = 0.30$	$S_1 = 0.40$	$S_1 = 0.50$	$S_1 \geq 0.60$
ZA	0.8	0.8	0.8	0.8	0.8	0.8
ZB	0.8	0.8	0.8	0.8	0.8	0.8
ZC	1.5	1.5	1.5	1.5	1.5	1.4
ZD	2.4	2.2	2.0	1.9	1.8	1.7
ZE	4.2	3.3	2.8	2.4	2.2	2.0
ZF	Sahaya özel zemin davranış analizi yapılacaktır.					

Yerel Zemin Sınıfı ZD ve $S_1=0.230$ için $F_1=2.140$

Tasarım Spektral İvme Katsayıları

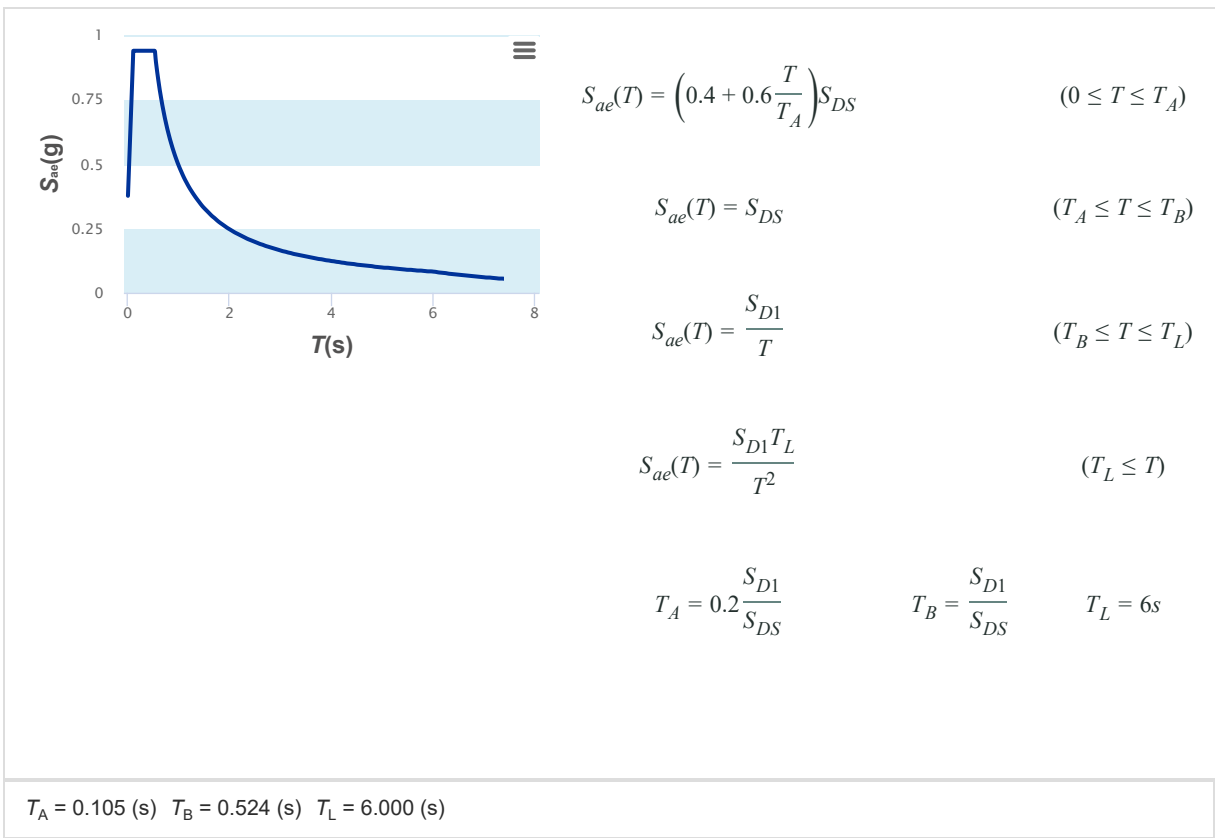
$$S_{DS} = S_S F_S = 0.794 \times 1.182 = 0.939$$

$$S_{D1} = S_1 F_1 = 0.230 \times 2.140 = 0.492$$

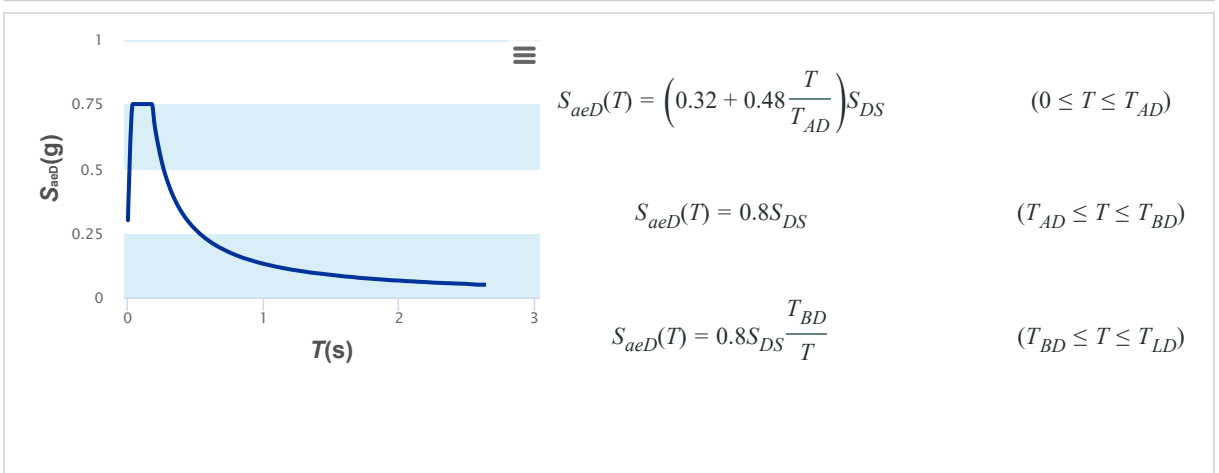
S_{DS} : Kısa periyot tasarım spektral ivme katsayısı [boyutsuz]

S_{D1} : 1.0 saniye periyot için tasarım spektral ivme katsayısı [boyutsuz]

Yatay Elastik Tasarım Spektrumu



Düşey Elastik Tasarım Spektrumu



$$T_{AD} = \frac{T_A}{3} \quad T_{BD} = \frac{T_B}{3} \quad T_{LD} = \frac{T_L}{2}$$

$$T_{AD} = 0.035 \text{ (s)} \quad T_{BD} = 0.175 \text{ (s)} \quad T_{LD} = 3.000 \text{ (s)}$$