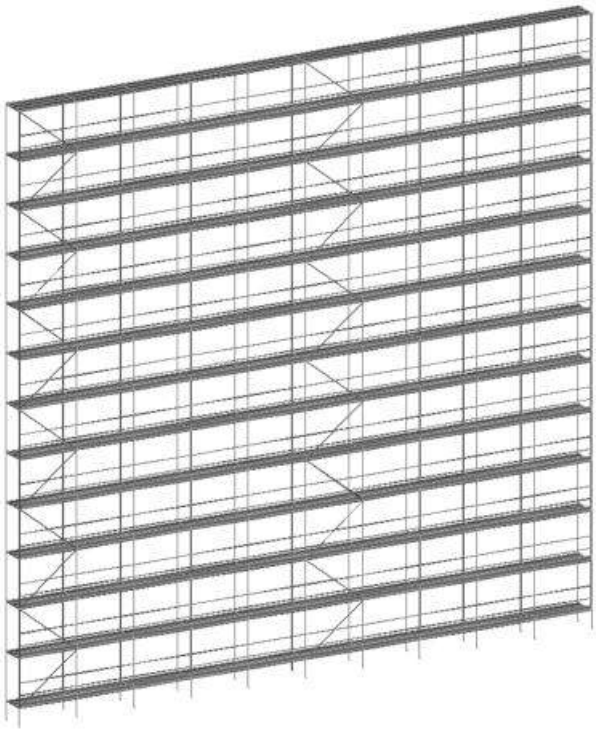
KAPLAMASIZ *FLANŞLI*

GÜVENLİ DIŞ CEPHE İSKELESİ STATİK HESAP RAPORU



TS EN 12810-3D-SW09/250 H2-A/B-LS

KASIM 2019

İÇİNDEKİLER

1. RAPOR KONUSU VE KISA ÖZETİ

2. DİKKATE ALINAN STANDARTLAR

3. ANALİZ MODELİ VE DETAYLARI

4. KESİTLER VE STATİK ÖZELLİKLERİ

5. MALZEMELERİN MEKANİK ÖZELLİKLERİ

6. BAĞLANTILAR, MESNETLER VE ÖZELLİKLERİ

7. YÜK ÇEŞİTLERİ ve YAPILAN YÜKLEMELER

8. YÜK KOMBİNASYONLARI VE KOMBİNASYON FAKTÖRLERİ

9. ANKRAJ TEPKİ KUVVETLERİ

10.TASARIM MESNET TEPKİ KUVVETLERİ

11. KESİTLERİN SEHİM VE DAYANIM TAHKİKİ

12. SONUÇ

EK-A. ANALİZ ÇIKTILARI

ŞEKİL LİSTESİ

Şekil 3.1 : 25,0 metrelik cephe görünümü

Şekil 3.2 : Ankraj Konfigürasyonu

Şekil 4.1: Tozluk kesiti ve statik özellikleri

Şekil 4.2: Kalas kesiti ve statik özellikleri

Şekil 4.3: Ø48,3 * 3,0mm boru profil kesiti ve statik özellikleri

Şekil 5.1 : St37 - (S235JR) Malzeme mekanik özellikleri

Şekil 6.1 : Analiz modeli - 1

Şekil 6.2 : Analiz modeli - 2

Şekil 7.1: Hareketli yükler

Şekil 7.2: Wdik Yüklemesi (kg/m)

Şekil 7.3: -Wdik Yüklemesi (kg/m)

Şekil 7.4: Wparalel Yüklemesi (kg/m)

Şekil 7.5: WdikH Yüklemesi (kg/m) (hizmet)

Şekil 7.6: -WdikH Yüklemesi (kg/m) (hizmet)

Şekil 7.7: WparalelH Yüklemesi (kg/m) (hizmet)

Şekil 9.1: Envelope kombinasyonuna göre ankraj kuvvetleri (ton,m)

Şekil 10.1: Envelope kombinasyonuna göre mesnet tepki kuvvetleri (ton,m)

Şekil 11 -1: Sistem Deplasmanı

1.RAPOR KONUSU VE ÖZETİ

Bu raporda DEMİREL YAPI firmasına ait olan flanşlı tip güvenli dış cephe iskelesinin TSE' nin belirlemiş olduğu yönetmeliklere göre statik hesabı anlatılmaktadır. Hesaplar iskelenin SW09 genişlik sınıfında (3 kalaslı) olduğu, kaplamasız olduğu ve 25,0m *24m boyutlarında olmak üzere 10 açıklıklı ve 12 katlı olarak kurulduğu varsayılarak yapılmıştır.

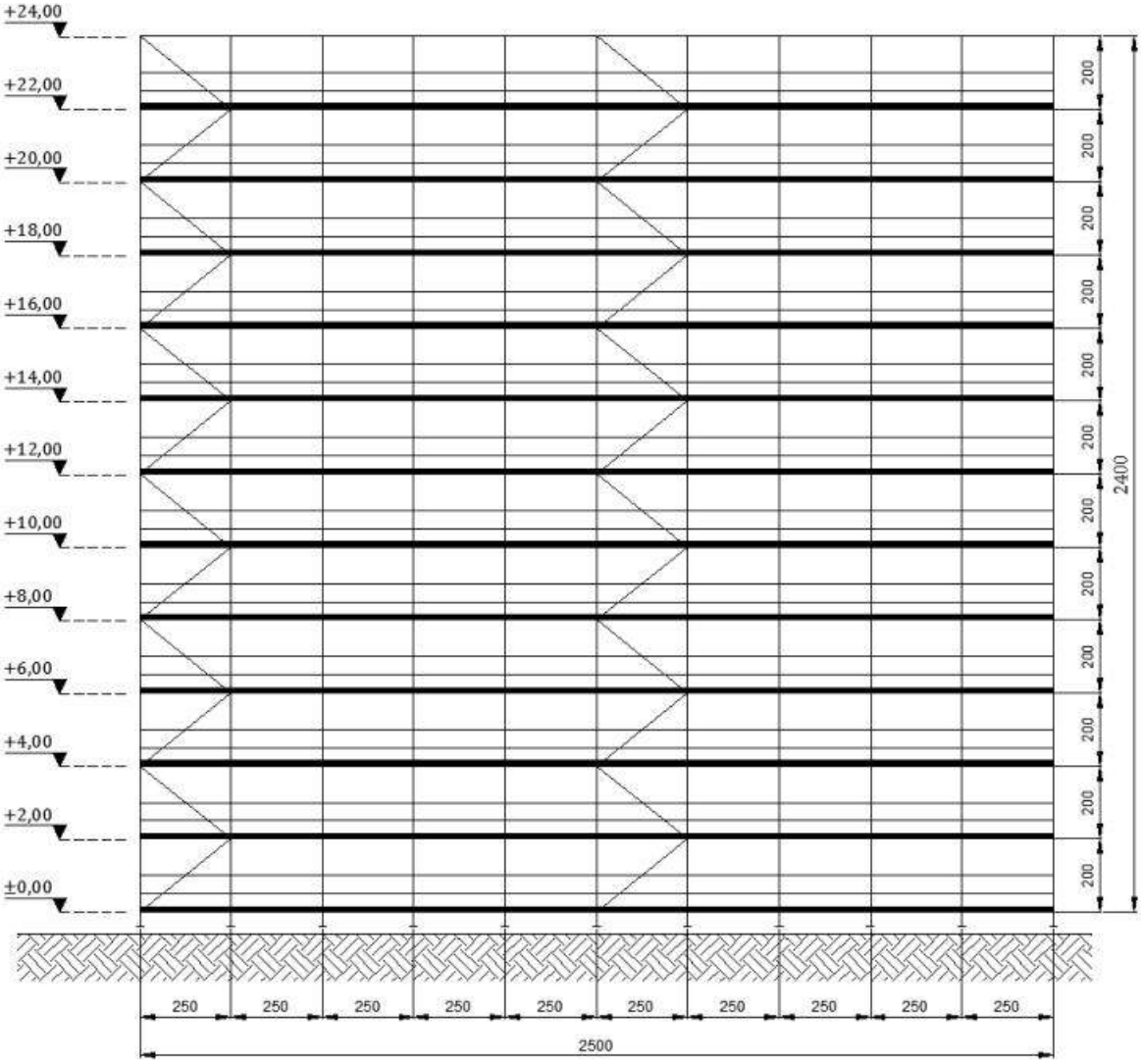
İskele ana taşıyıcı sistemini oluşturan dikmeler Ø48*3 mm lik borudan imal edilmiştir. Dikme boyları 2m' dir. Alt-üst komşu dikme elemanları 15cm içiçe geçirilerek birleştirilir. İskele stabilitesini sağlayan, açıklıklara göre maks. boyu 3,41m olan çapraz bağlantılar Ø48*3,0 mm lik borudan imal edilmiştir. Yürüme platformu olarak 30 cm genişliğinde, 1,5 mm sacdan bükme kalas kullanılmıştır. Tozluk (topukluk, süpürgelik) elemanı 15 cm yüksekliğindedir ve 1,5 mm lik sacdan bükülerek imal edilmiştir. Yatay bağlantılar, ana ve ara korkuluklar Ø48*3,0mm borudan imal edilmiştir. Bu elemanlardan oluşan taşıyıcı sistem ayarlı ayak millerinin üzerine oturur.

2.DİKKATE ALINAN STANDARTLAR

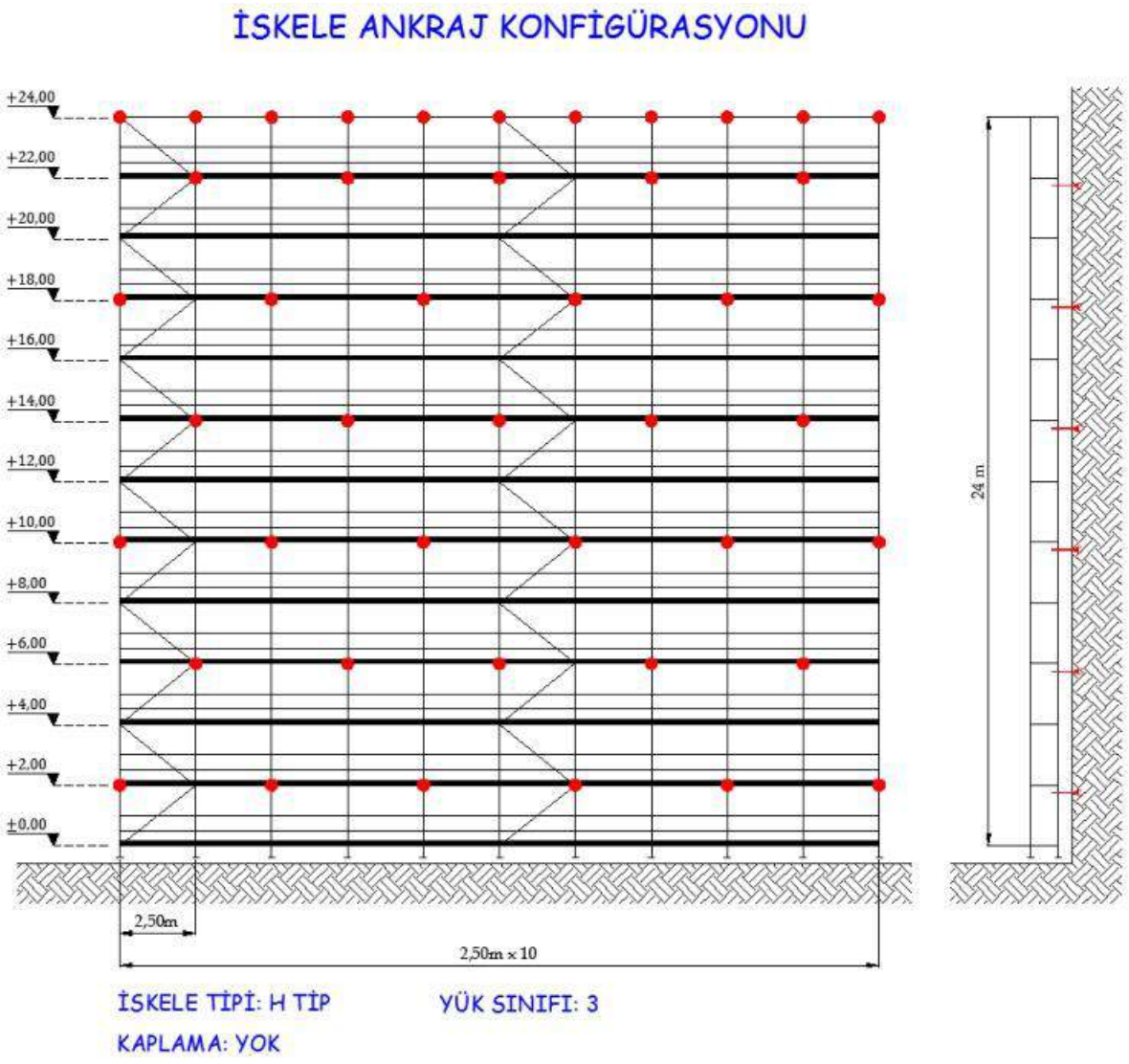
Hesapta TS-EN12810-1, TS-EN12810-2, TS-EN12811-1, TS-EN12811-2 ve TS-EN12811-3 standartlarından yararlanılmıştır.

3.ANALİZ MODELİ VE DETAYLARI

Genel ölçüler cm, yüklemeler kg/m, analiz sonuçları ton/cm, eleman sehimleri mm ve kesit çizimleri mm cinsinden verilmiştir. Aşağıda Şekil 3-1 de iskelenin genel ölçüleri yer almaktadır.



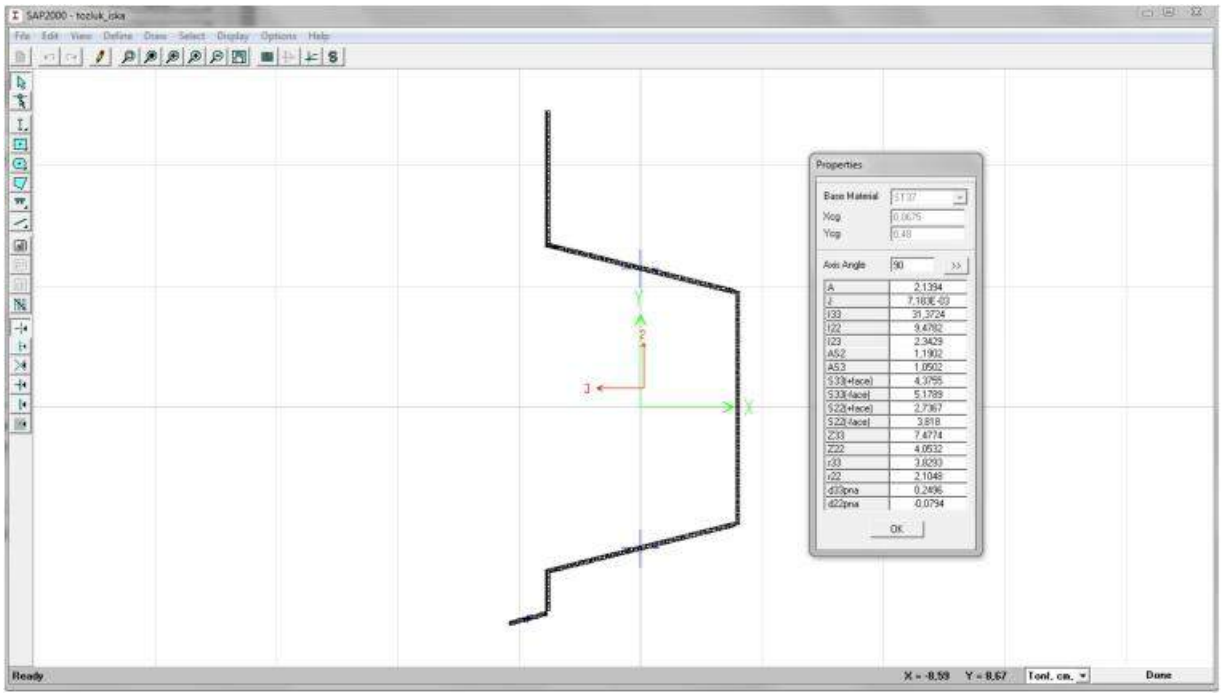
Şekil 3.1 : 25,0 metrelik cephe görünümü



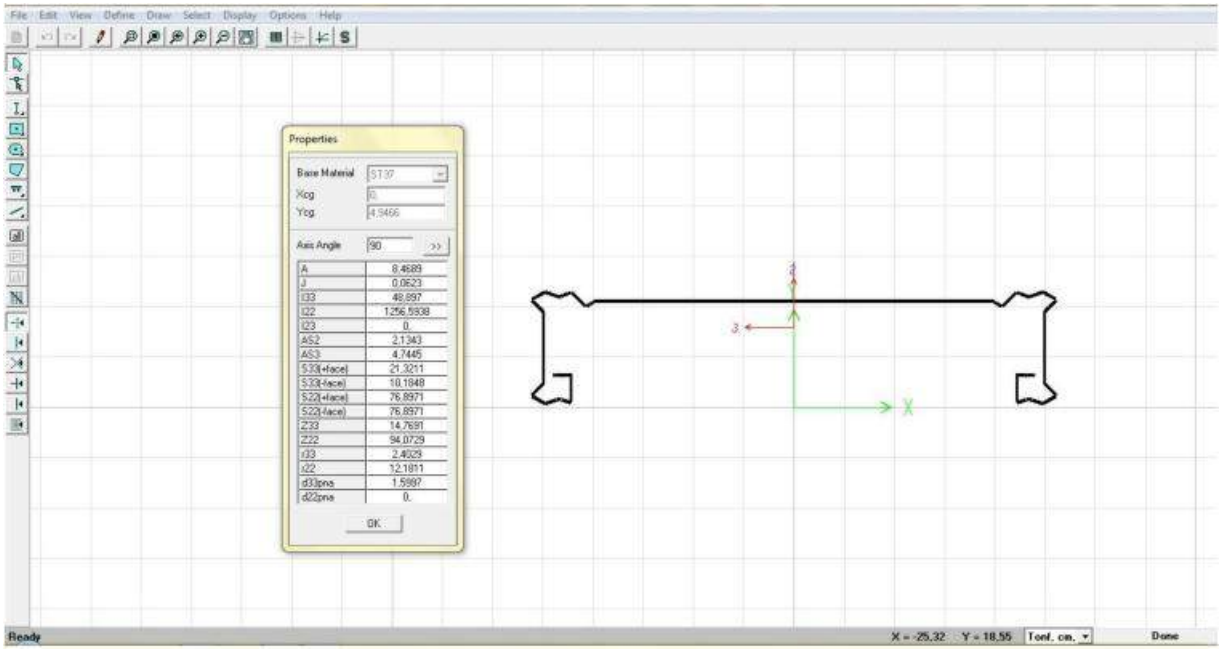
Şekil 3.2 : Ankraj Konfigürasyonu

4. KESİTLER VE STATİK ÖZELLİKLERİ

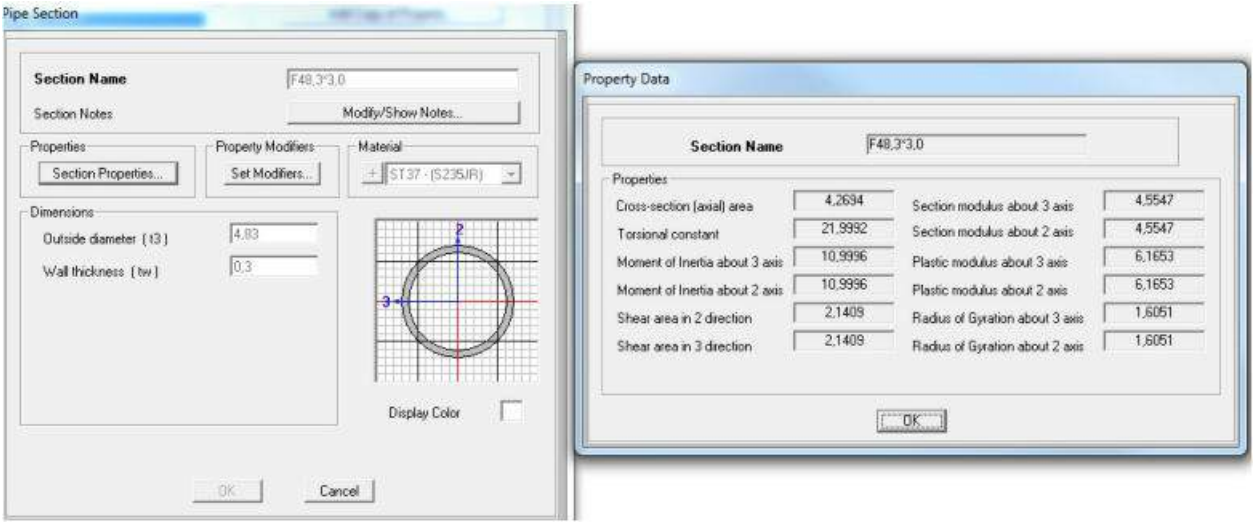
Aşağıda, alt başlıklar altında, analizde kullanılan iskele elemanlarının kesit boyutları ve mekanik özellikleri verilmiştir.



Şekil 4.1: Tozluk kesiti ve statik özellikleri



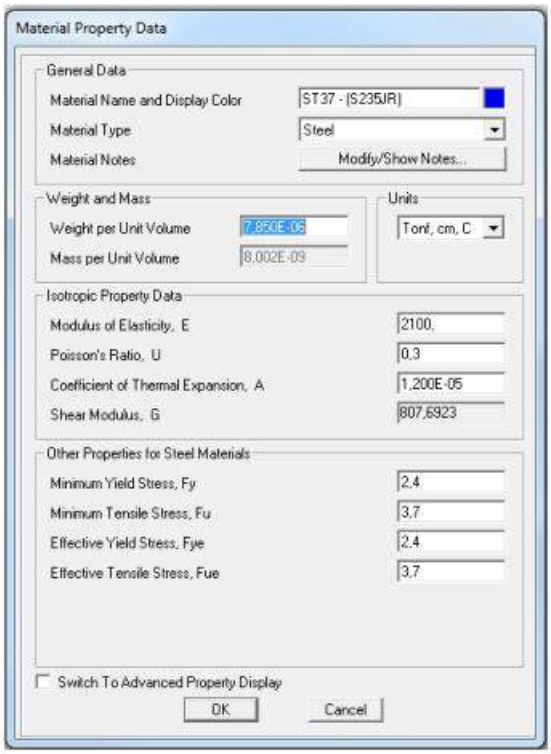
Şekil 4.2: Kalas kesiti ve statik özellikleri



Şekil 4.3: Ø48,0 * 3,0mm boru profil kesiti ve statik özellikleri

5. MALZEMELERİN MEKANİK ÖZELLİKLERİ

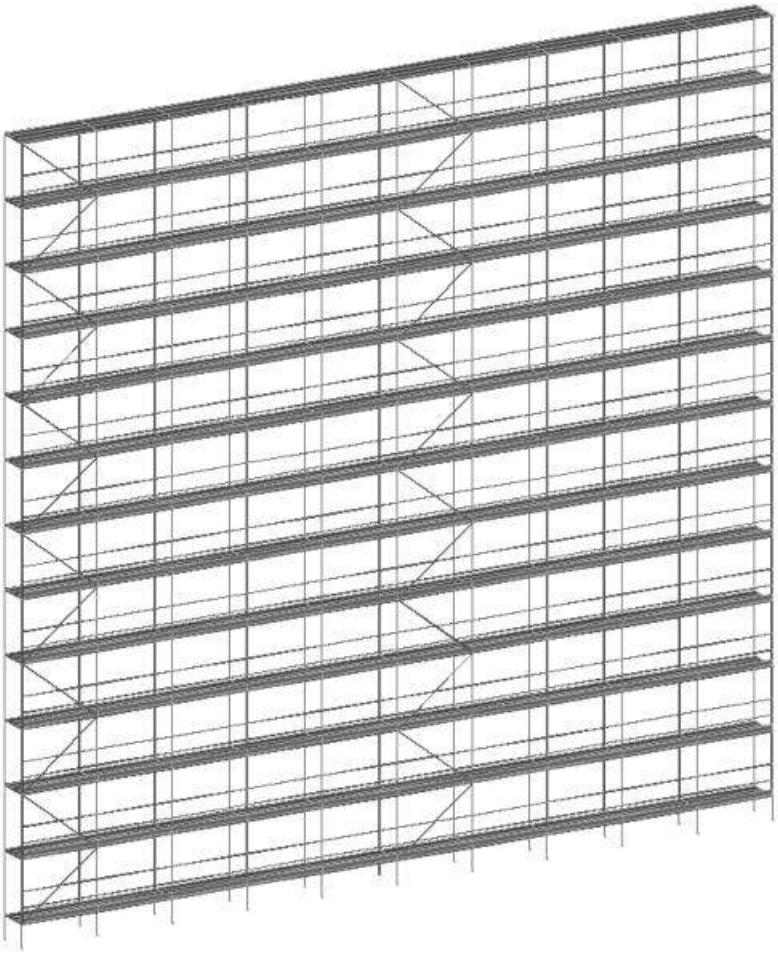
Yukarıda kesit ölçüleri ve statik özellikleri verilen iskele elemanlarında St37 (S235JR) çelik kalitesi kullanılmıştır. Malzemenin mekanik özellikleri Şekil 5-1' de verilmiştir.



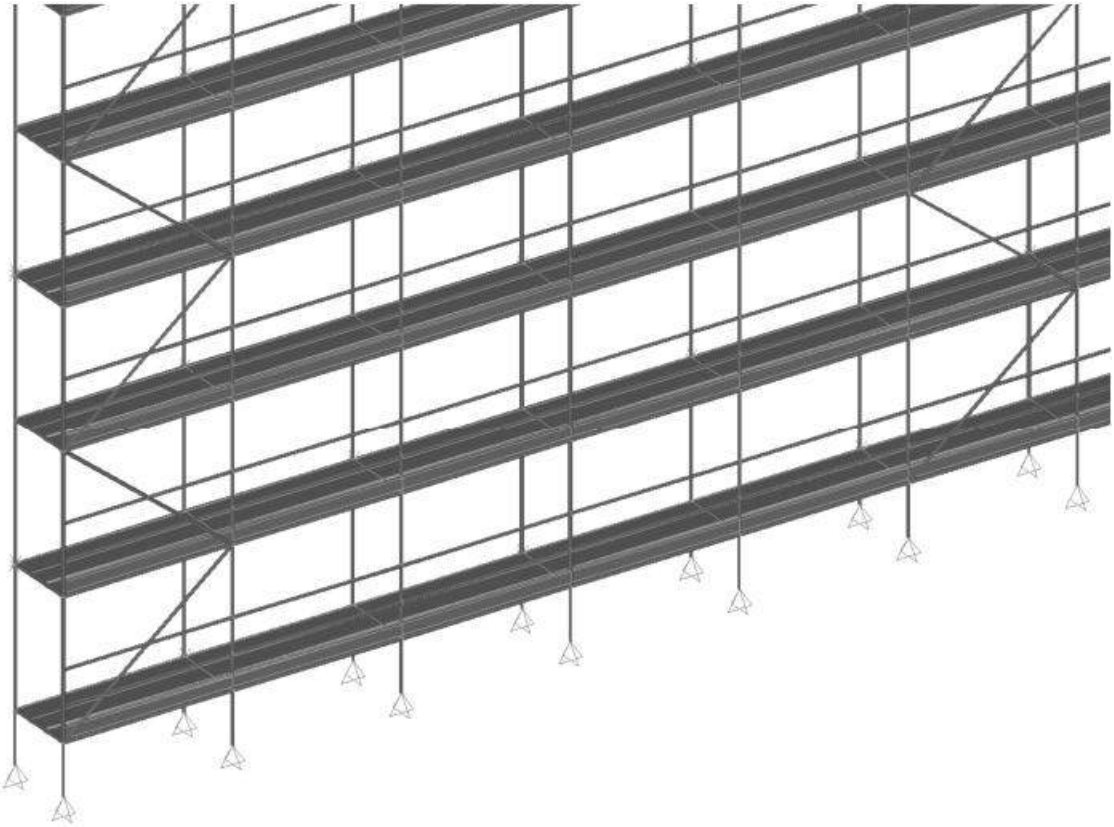
Şekil 5.1 : St37 - (S235JR) Malzeme mekanik özellikleri

6. BAĞLANTILAR, MESNETLER VE ÖZELLİKLERİ

TS-EN12810-2 madde 4.2 de belirtildiği üzere yapı gerçek davranışını sağlayabilmek için Analiz programında eleman bağlantılarının sınır şartları düzenlenmiştir. 2m lik dikme elemanlarının birleşim bölgesinde 15cm içiçe geçme bindirme yapıldığı için bu bölgede uç rijitliği tanımlanmıştır. Flanşlı sistemde borudan imal edilen yatay ve dikey elemanlar birbirlerine flanş ve kama aracılığı ile bağlanırlar. Borular bu şekilde sabitlendiklerinde global eksende her 3 yönde dönme ve yer değiştirme yapamazlar. Bu yüzden bağlantılarda mafsal tanımlanmamıştır.. Çapraz sistemi TS12810-1 EkB B.2 maddesinde belirtilen 1. tip diyagonalli kuşaklama sistemine uymaktadır. Uzun doğrultuda kullanılan bu çaprazlar Ø48*3,0mm boru profillerden imal edilmiş olup, birleşim koşullarından dolayı moment aktarmamaktadır ve programda M22 ve M33 serbestlikli olarak modellenmiştir. Kısa doğrultuda dikme ve yatay eleman birbirine kamalı bağlantı ile bağlanmıştır. Ayaklar basit mesnet olarak tarif edilmiş yerdeğiştirmelere karşı tutulu dönmelere karşı serbest olarak tanımlanmıştır. Ankrajlar çekme ve kesme ekseni lokal yönünde (1 ve2 yönü) tutulu olacak şekilde mesnet tanımlanmıştır.



Şekil 6.1: Analiz modeli - 1



Şekil 6.2: Analiz modeli - 2

7. YÜK ÇEŞİTLERİ

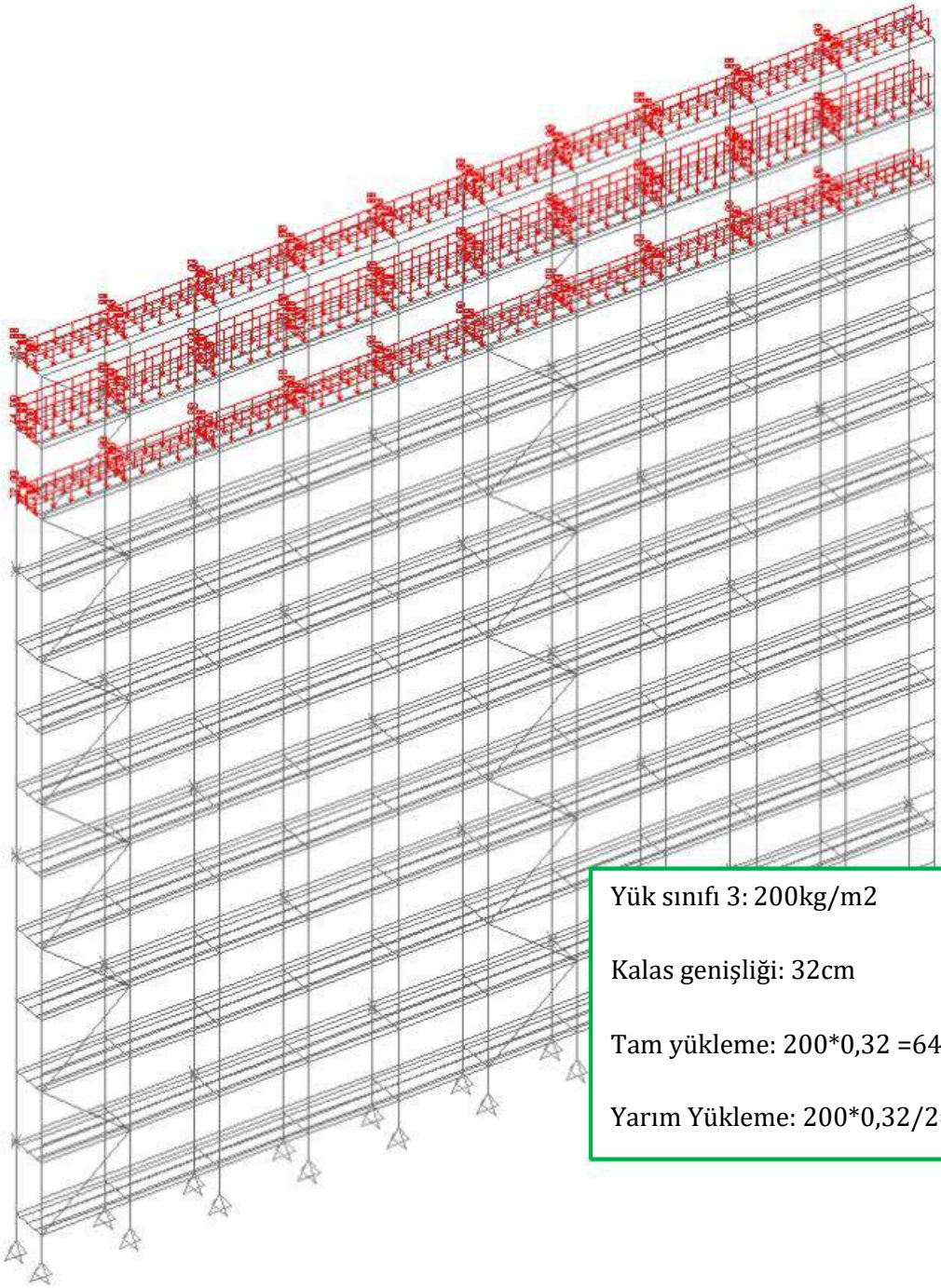
7.A Ölü Yükler:

İskele elemanlarının kendi ağırlıkları Sap2000 programı tarafından tanımlanan kesitlere göre kendiliğinden hesaplara dahil edilir. Bu yükler kombinasyonlara 1.5 katı ile dahil edilmiştir.

7.B Hareketli Yükler:

TS EN 12811-1 madde 6.2.2 Çizelge-3' e göre düzgün yayılı hareketli yük değerleri alınmıştır. Yük 3 sınıfı için bu değer 200 kg/m2 olarak hesaba dahil edilmiştir. Bu yük iskele çalışma katlarına uygulanmıştır. İskele çalışma katları en olumsuz durumu oluşturması açısından 10. 11. ve 12. katlar olarak seçilmiştir. Yükleme 10. ve 12. katlara yarım, 11. kata tam olarak yapılmıştır. Bu yükler kombinasyonlara 1.5 katı ile dahil edilmiştir.

Sap2000 programında hareketli yükler aşağıda Şekil 7.1 de gösterildiği şekilde kalas elemanları üzerine yayılı yük olarak tanımlanmıştır.



Yük sınıfı 3: 200kg/m2

Kalas genişliği: 32cm

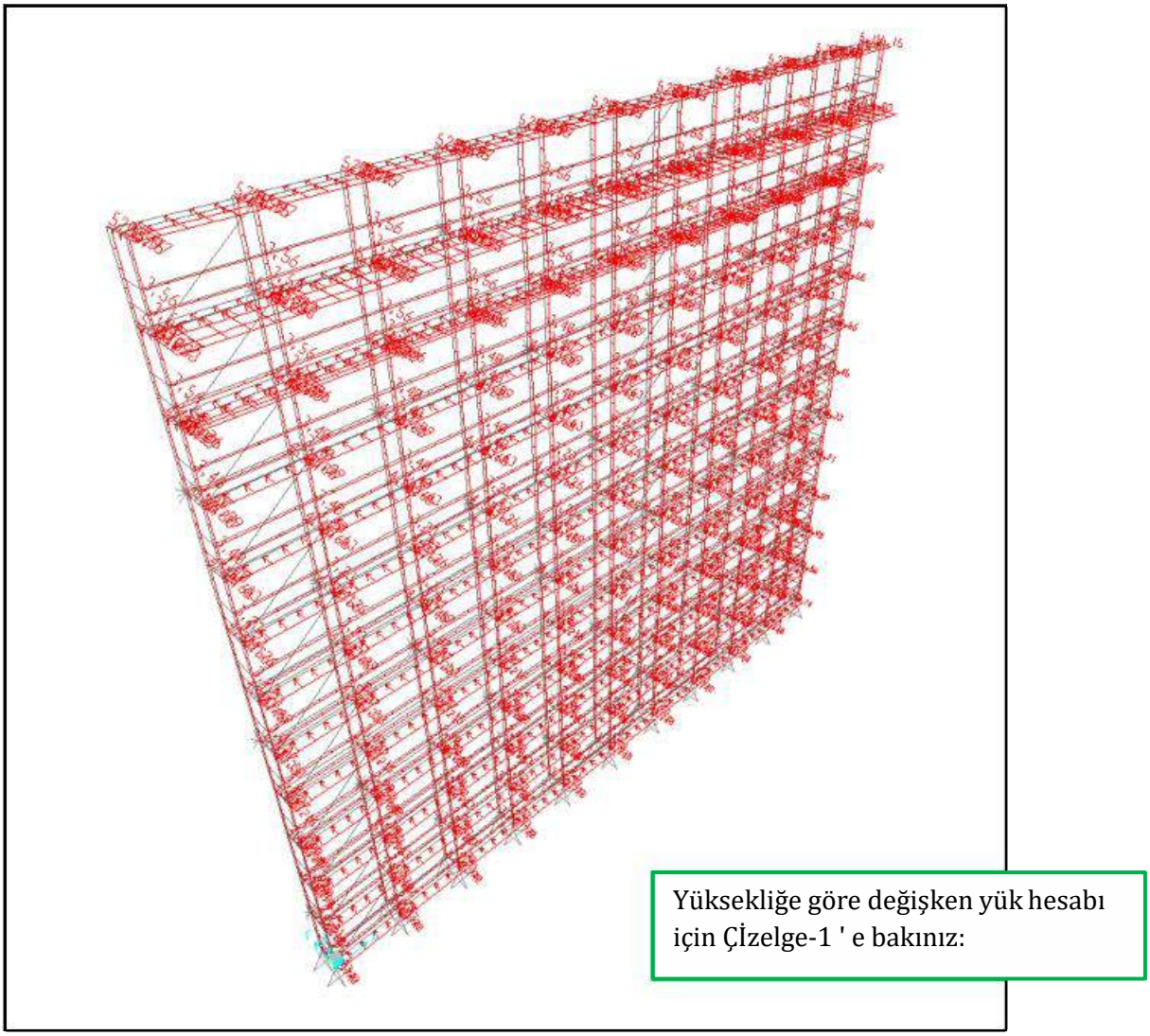
Tam yükleme: 200*0,32 =64kg/m

Yarım Yükleme: 200*0,32/2= 32kg/m

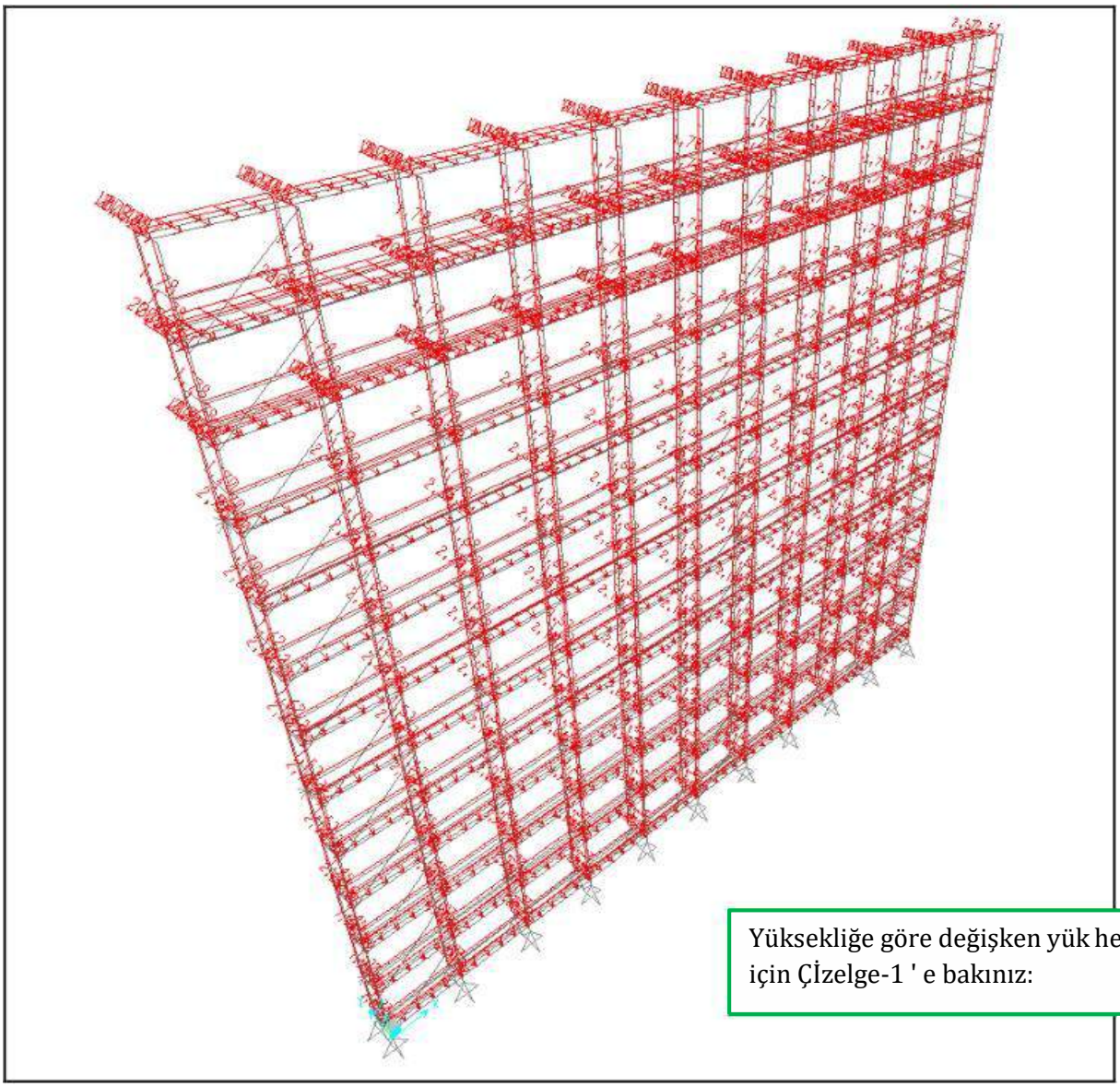
Şekil 7.1: Hareketli yükler

7.C Rüzgâr Yükleri:

TS 12810-1, Madde 8.3' te verilen katsayılar ve Şekil 3' te verilen basınç değerlerine göre rüzgar hesaplamaları yapılmıştır. Servis dışı durumda iskele elemanlarına gelen yükler Çizelge 1' de gösterilmiştir. Hizmet durumunda iskele elemanlarına gelen yükler Çizelge 2' de gösterilmiştir.

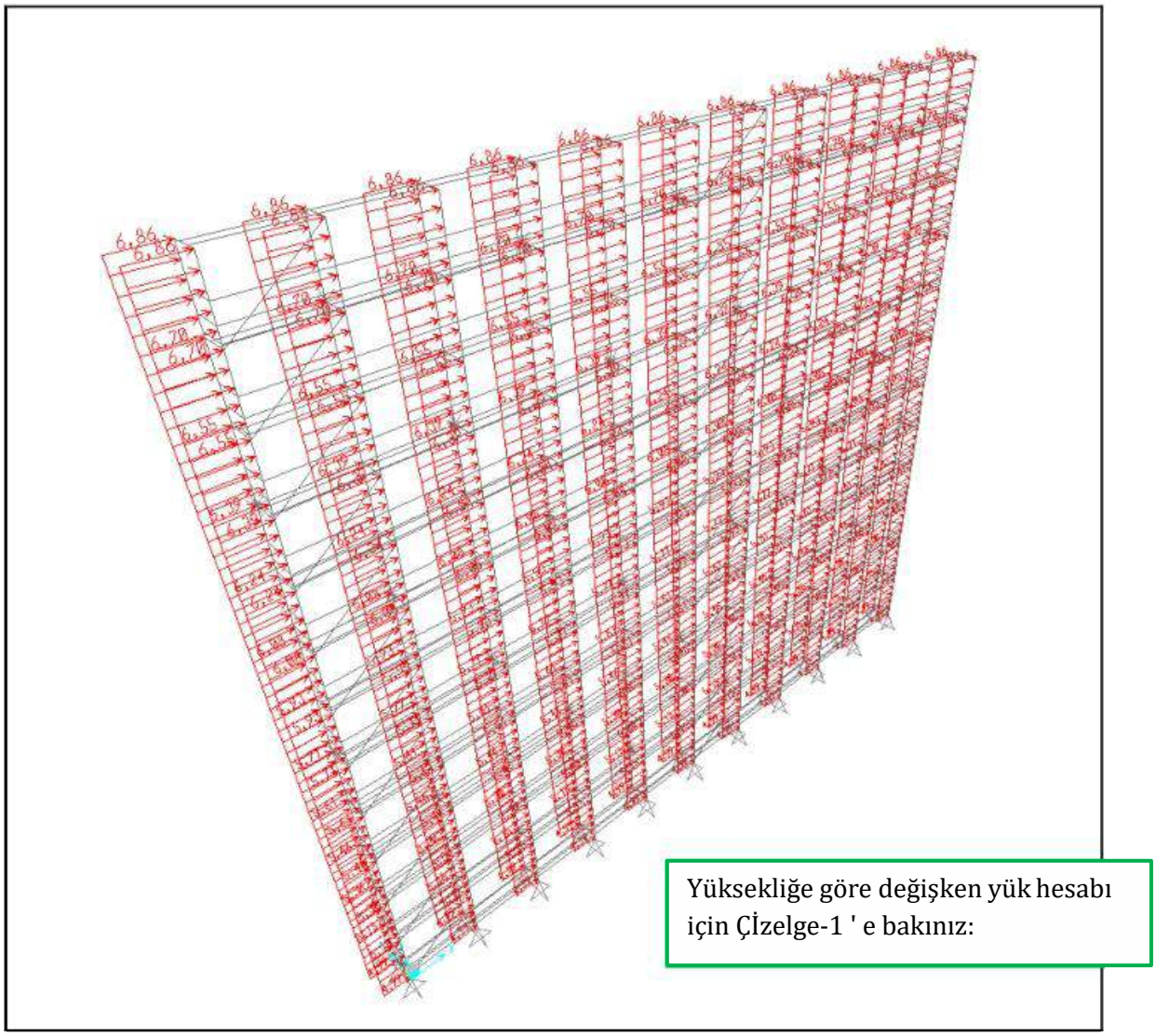


Şekil 7.2: Wdik Yüklemesi (kg/m)

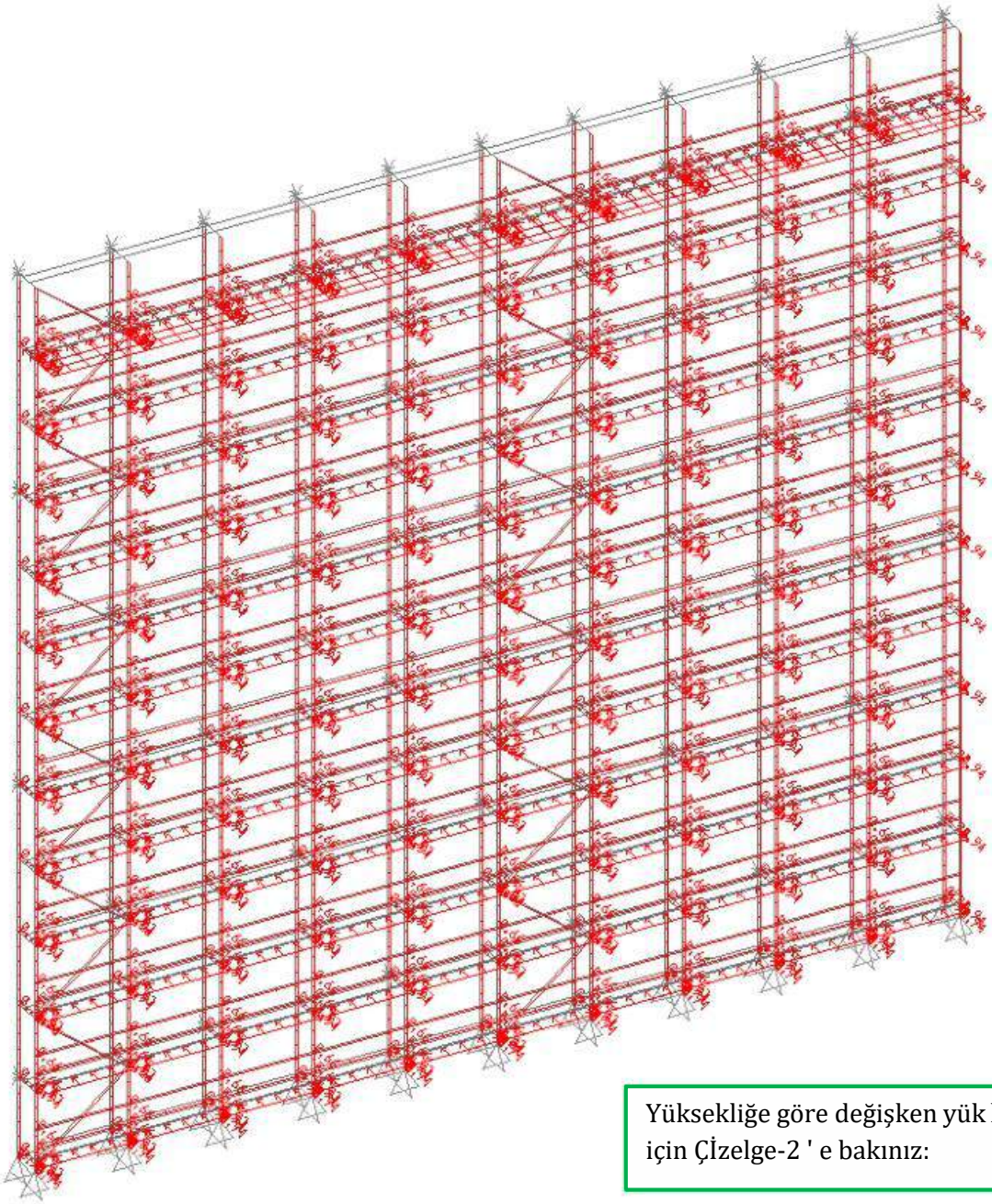


Yüksekliğe göre değişken yük hesabı için Çİzelge-1 ' e bakınız:

Şekil 7.3: -Wdik Yüklemesi (kg/m)

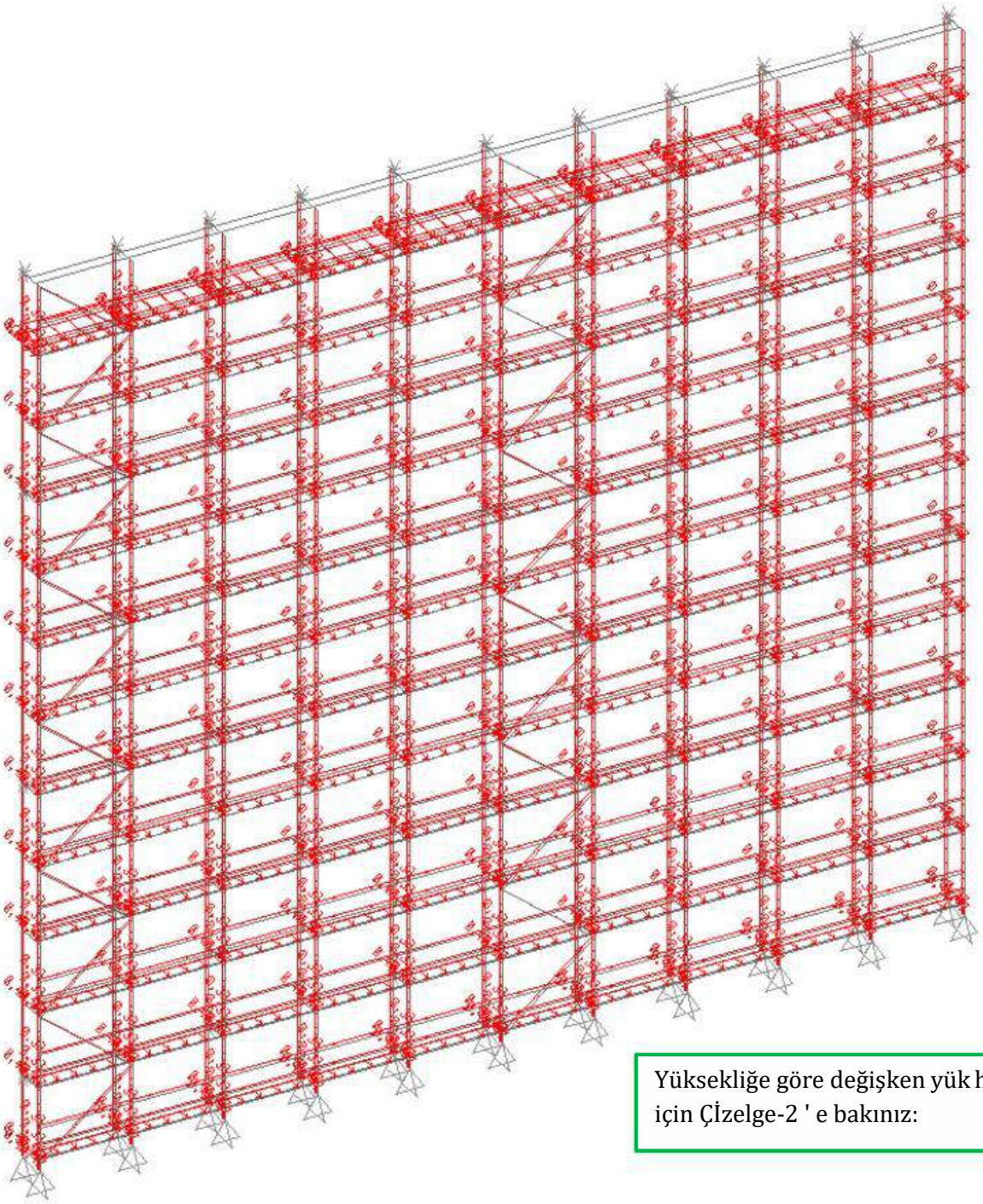


Şekil 7.4: Wparalel Yüklemesi (kg/m)



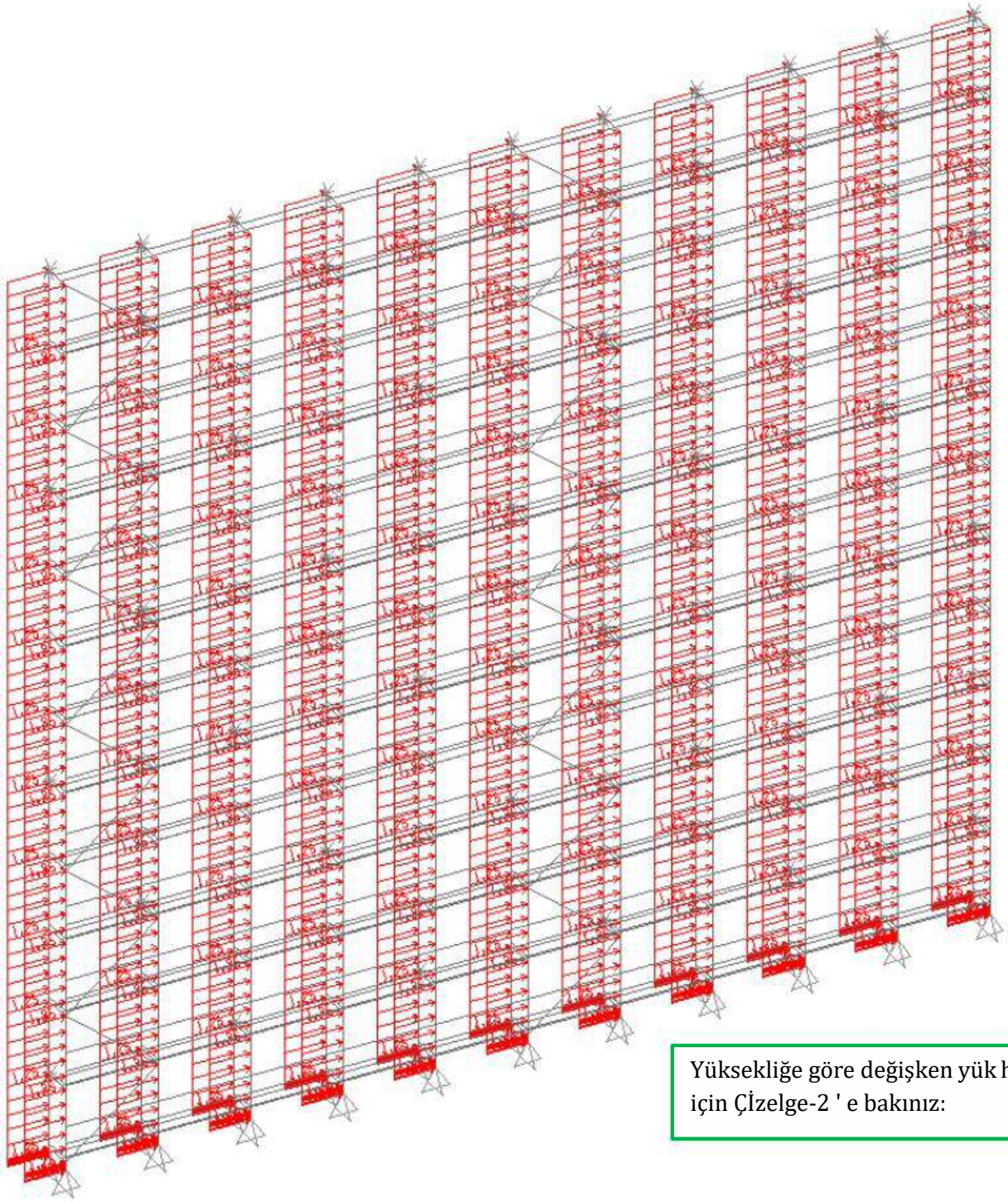
Yüksekliğe göre değişken yük hesabı için Çİzelge-2 ' e bakınız:

Şekil 7.5: WdikH Yüklemesi (kg/m) (hizmet)



Yüksekliğe göre değişken yük hesabı için Çİzelge-2 ' e bakınız:

Şekil 7.6: -WdikH Yüklemesi (kg/m) (hizmet)



Yüksekliğe göre değişken yük hesabı için Çİzelge-2 ' e bakınız:

Şekil 7.7: WparalelH Yüklemesi (kg/m) (hizmet)

Çizelge-1: Elemanlara Gelen Rüzgar Yükleri (servis dışı)

İskele Yüksekliği (m)	Tasarım Rüzgar Basıncı (kg/m2)	Ø48,3 Boru Profile Etkiyen Yaylı yük (kg/m)	Ø34,2 Boru Profile Etkiyen Yaylı yük (kg/m)	15cm Genişlikli Tozluk Etkiyen Yaylı yük (kg/m)	20cm Referans Alana Etkiyen Yaylı yük (kg/m)	40 cm Referans Alana Etkiyen Yaylı yük (kg/m)	cf, dik	cf, paralel	cs, dik	cs, paralel	Ø48,3 Boru Profile Etkiyen Yaylı yük (kg/m) DİK	Ø48,3 Boru Profile Etkiyen Yaylı yük (kg/m) ARKA CEPHE DİK	Ø48,3 Boru Profile Etkiyen Yaylı yük (kg/m) PARALEL	Ø34,2 Boru Profile Etkiyen Yaylı yük (kg/m) DİK	Ø34,2 Boru Profile Etkiyen Yaylı yük (kg/m) ARKA CEPHE DİK	15cm Genişlikli Tozluk Etkiyen Yaylı yük (kg/m) DİK	15cm Genişlikli Tozluk Etkiyen Yaylı yük (kg/m) ARKA CEPHE DİK	20cm Referans Alana Etkiyen Yaylı yük (kg/m) DİK	20cm Referans Alana Etkiyen Yaylı yük (kg/m) ARKA CEPHE DİK	40cm Referans Alana Etkiyen Yaylı yük (kg/m) DİK	40cm Referans Alana Etkiyen Yaylı yük (kg/m) ARKA CEPHE DİK
0	80,0	3,84	2,72	12,00	16,00	32,00	1,3	1,3	0,75	1	3,74	-1,87	4,99	2,65	-1,33	11,70	-5,85	15,60	-7,80	31,20	-15,60
2	82,5	3,96	2,81	12,38	16,50	33,00	1,3	1,3	0,75	1	3,86	-1,93	5,15	2,73	-1,37	12,07	-6,03	16,09	-8,04	32,18	-16,09
4	85,0	4,08	2,89	12,75	17,00	34,00	1,3	1,3	0,75	1	3,98	-1,99	5,30	2,82	-1,41	12,43	-6,22	16,58	-8,29	33,15	-16,58
6	87,5	4,20	2,98	13,13	17,50	35,00	1,3	1,3	0,75	1	4,10	-2,05	5,46	2,90	-1,45	12,80	-6,40	17,06	-8,53	34,13	-17,06
8	90,0	4,32	3,06	13,50	18,00	36,00	1,3	1,3	0,75	1	4,21	-2,11	5,62	2,98	-1,49	13,16	-6,58	17,55	-8,78	35,10	-17,55
10	92,5	4,44	3,15	13,88	18,50	37,00	1,3	1,3	0,75	1	4,33	-2,16	5,77	3,07	-1,53	13,53	-6,76	18,04	-9,02	36,08	-18,04
12	95,0	4,56	3,23	14,25	19,00	38,00	1,3	1,3	0,75	1	4,45	-2,22	5,93	3,15	-1,57	13,89	-6,95	18,53	-9,26	37,05	-18,53
14	97,5	4,68	3,32	14,63	19,50	39,00	1,3	1,3	0,75	1	4,56	-2,28	6,08	3,23	-1,62	14,26	-7,13	19,01	-9,51	38,03	-19,01
16	100,0	4,80	3,40	15,00	20,00	40,00	1,3	1,3	0,75	1	4,68	-2,34	6,24	3,32	-1,66	14,63	-7,31	19,50	-9,75	39,00	-19,50
18	102,5	4,92	3,49	15,38	20,50	41,00	1,3	1,3	0,75	1	4,80	-2,40	6,40	3,40	-1,70	14,99	-7,50	19,99	-9,99	39,98	-19,99
20	105,0	5,04	3,57	15,75	21,00	42,00	1,3	1,3	0,75	1	4,91	-2,46	6,55	3,48	-1,74	15,36	-7,68	20,48	-10,24	40,95	-20,48
22	107,5	5,16	3,66	16,13	21,50	43,00	1,3	1,3	0,75	1	5,03	-2,52	6,71	3,56	-1,78	15,72	-7,86	20,96	-10,48	41,93	-20,96
24	110,0	5,28	3,74	16,50	22,00	44,00	1,3	1,3	0,75	1	5,15	-2,57	6,86	3,65	-1,82	16,09	-8,04	21,45	-10,73	42,90	-21,45

Çizelge-2: Elemanlara Gelen Rüzgar Yükleri (hizmet)

İskele Yüksekliği (m)	Tasarım Rüzgar Basıncı (kg/m2)	Ø48,3 Boru Profile Etkiyen Yayılı yük (kg/m)	Ø34,2 Boru Profile Etkiyen Yayılı yük (kg/m)	15cm Genişlikli Tozluk Etkiyen Yayılı yük (kg/m)	20cm Referans Alana Etkiyen Yayılı yük (kg/m)	40 cm Referans Alana Etkiyen Yayılı yük (kg/m)	cf, dik	cf, paralel	cs, dik	cs, paralel	Ø48,3 Boru Profile Etkiyen Yayılı yük (kg/m) DİK	Ø48,3 Boru Profile Etkiyen Yayılı yük (kg/m) ARKA CEPHE DİK	Ø48,3 Boru Profile Etkiyen Yayılı yük (kg/m) PARALEL	Ø34,2 Boru Profile Etkiyen Yayılı yük (kg/m) DİK	Ø34,2 Boru Profile Etkiyen Yayılı yük (kg/m) ARKA CEPHE DİK	15cm Genişlikli Tozluk Etkiyen Yayılı yük (kg/m) DİK	15cm Genişlikli Tozluk Etkiyen Yayılı yük (kg/m) ARKA CEPHE DİK	20cm Referans Alana Etkiyen Yayılı yük (kg/m) DİK	20cm Referans Alana Etkiyen Yayılı yük (kg/m) ARKA CEPHE DİK	40cm Referans Alana Etkiyen Yayılı yük (kg/m) DİK	40cm Referans Alana Etkiyen Yayılı yük (kg/m) ARKA CEPHE DİK
0	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
2	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
4	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
6	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
8	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
10	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
12	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
14	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
16	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
18	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
20	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
22	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90
24	20,0	0,96	0,68	3,00	4,00	8,00	1,3	1,3	0,75	1	0,94	-0,47	1,25	0,66	-0,33	2,93	-1,46	3,90	-1,95	7,80	-3,90

8. YÜK KOMBİNASYONLARI VE KOMBİNASYON FAKTÖRLERİ

Dead : İskele eleman yükleri

Q : Hareketli yük

Wdik : Servis Dışı Cepheye dik esen rüzgar yükü

-Wdik : Servis Dışı Arka cepheden dik esen rüzgar yükü

Wparalel : Servis Dışı Cepheye paralel esen rüzgar yükü

WdikH :Hizmet Cepheye dik esen rüzgar yükü (0,2kn/m^2)

-WdikH : Hizmet Arka cepheden dik esen rüzgar yükü(0,2kn/m^2)

WparalelH : Hizmet Cepheye paralel esen rüzgar yükü (0,2kn/m^2)

COMB1 : 1,5 Dead +1,5 Q

COMB2 : 1,5Dead +1,5 Q + WdikH

COMB3 : 1,5 Dead +1,5 Q + -WdikH

COMB4 : 1,5 Dead +1,5 Q + WparalelH

COMB5 : 1,5 Dead +0,375 Q + Wdik

COMB6 : 1,5 Dead +0,375 Q + - Wdik

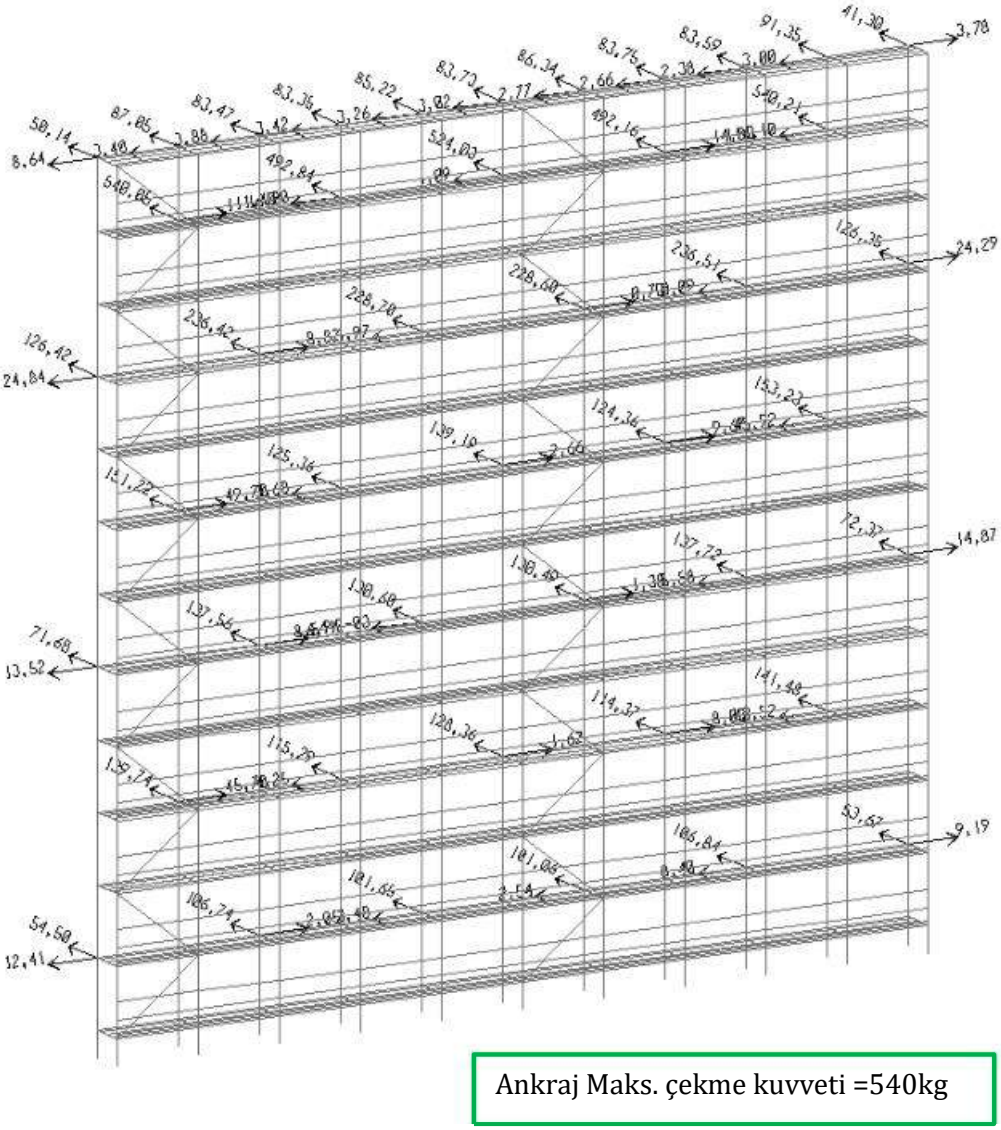
COMB7 : 1,5 Dead +0,375 Q + Wparalel

COMB8 : Dead + Q + Wdik (sehim kontrolü)

ENVELOPE = COMB1,COMB2,COMB3,COMB4,COMB5,COMB6,COMB7

9.ANKRAJ TEPKİ KUVVETLERİ

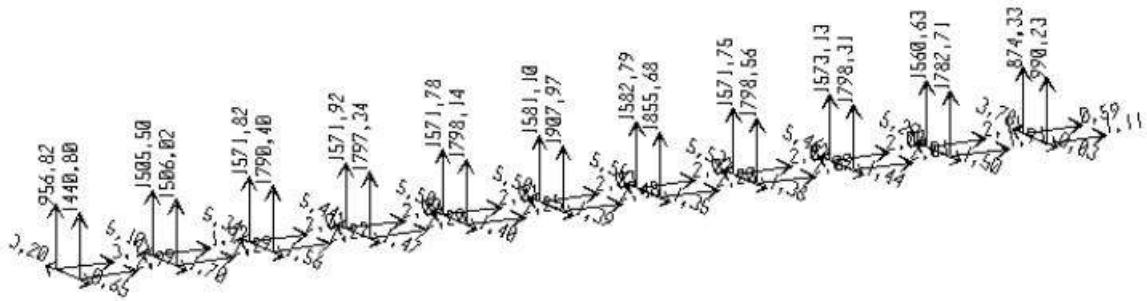
Envelope olarak oluşturulan yük kombinasyonuna göre Şekil 9-1 'de ankraj tepki kuvvetleri verilmiştir. Burada her bir ankraja gelen 7 kombinasyona ait maksimum kuvvet gösterilmiştir.



Şekil 9.1: Envelope kombinasyonuna göre ankraj kuvvetleri (ton,m)

10. MESNET TEPKİ KUVVETLERİ

Ayak mesnetlerine gelen maksimum yük envelope kombinasyonu için durumda 1855kg dır. Burada her bir ayağa gelen 7 kombinasyona ait maksimum kuvvet gösterilmiştir.



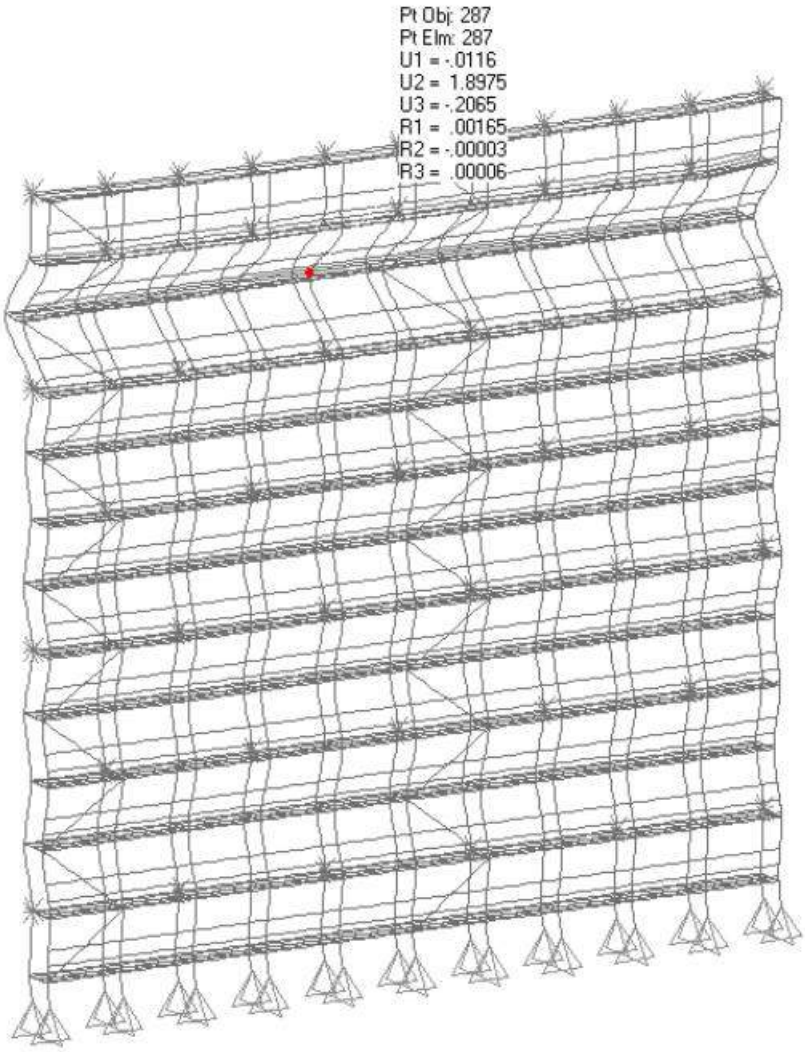
Şekil 10.1: Envelope kombinasyonuna göre mesnet tepki kuvvetleri (ton,m)

11. KESİTLERİN SEHİM VE DAYANIM TAHKİKİ

Tüm kesitlerin sehim ve dayanım tahkiki Ek-A da tablo halinde verilmiştir. Eleman bazında sehim yada gerilmeden dolayı oluşan maksimum kapasite oranları kapasite tablosunda görülmektedir.

Sistem bazında maksimum deplasman miktarı Şekil 11 -1 de verilmiştir. İki ankraj noktası arasındaki minumum mesafe 6m dir. Deplasman değeri L/200 formülüne göre 400/200=2cm değerini geçmemelidir.

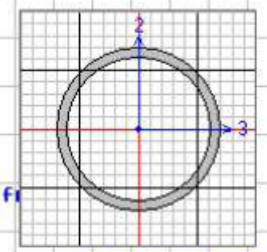
Eleman tiplerine göre en olumsuz kombinasyonda en çok zorlanan kesitlerin detaylı gerilme hesapları aşağıda sırası ile verilmiştir.



Şekil 11 -1: Sistem Deplasmanı (1,898cm<2,000cm)

Units Tonf, cm, C

EUROCODE 3-1993 STEEL SECTION CHECK
Combo : COMB2
Units : Tonf, cm, C



Frame	: 108	Design Sect:	F48,3*3				
X Mid	: 1500,000	Design Type:	Column				
Y Mid	: 0,000	Frame Type :					
Z Mid	: 120,000	Sect Class :	Class 1				
Length	: 200,000	Major Axis :	0,000 degrees counterclockwise fr				
Loc	: 13,000	RLLF	: 1,000				
Area	: 4,241	SMajor :	4,493	rMajor :	1,595	AVMajor:	2,127
IMajor	: 10,783	SMinor :	4,493	rMinor :	1,595	AVMinor:	2,127
IMinor	: 10,783	ZMajor :	6,084	E	: 2100,000		
Ixy	: 0,000	ZMinor :	6,084	Fy	: 2,400		

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
13,000	-1,797	0,096	-0,389	0,002	0,005	0,009

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.5.4)	0,630	=	0,594	+	0,009	+	0,034	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	-1,797	3,022	9,253	7,175	3,022

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	0,096	13,274	13,274	13,274
Minor Moment	-0,389	13,274	13,274	

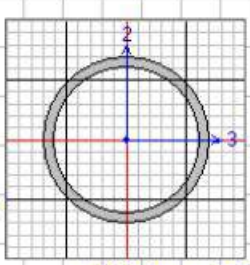
	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,455	0,425	1,261	0,848	2,700
Minor Moment	1,393	0,861	1,160		

SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,002	2,679	0,001	OK	0,000
Minor Shear	0,005	2,679	0,002	OK	0,000

Units Tonf, cm, C

EUROCODE 3-1993 STEEL SECTION CHECK
Combo : COMB2
Units : Tonf, cm, C



Frame : 1201	Design Sect: F48,3*3		
X Mid : 750,000	Design Type: Beam		
Y Mid : 53,000	Frame Type :		
Z Mid : 2220,000	Sect Class : Class 1		
Length : 106,000	Major Axis : 0,000 degrees counterclockwise		
Loc : 57,000	RLLF : 1,000		
Area : 4,241	SMajor : 4,493	rMajor : 1,595	AVMajor: 2,127
IMajor : 10,783	SMinor : 4,493	rMinor : 1,595	AVMinor: 2,127
IMinor : 10,783	ZMajor : 6,084	E : 2100,000	
Ixy : 0,000	ZMinor : 6,084	Fy : 2,400	

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
57,000	-0,101	5,898	-0,024	0,155	-0,001	-0,003

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.5.4)	0,459	=	0,012	+	0,446	+	0,002	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	-0,101	8,330	9,253	8,330	9,193

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	5,898	13,274	13,274	13,274
Minor Moment	-0,024	13,274	13,274	

	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,000	0,800	1,005	1,000	1,000
Minor Moment	1,000	0,321	1,001		

SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,155	2,679	0,058	OK	0,000
Minor Shear	0,001	2,679	0,001	OK	0,000

Units Tonf, cm, C

EUROCODE 3-1993 STEEL SECTION CHECK
Combo : COMB2
Units : Tonf, cm, C

Frame	: 1190	Design Sect:	KALAS				
X Mid	: 625,000	Design Type:	Beam				
Y Mid	: 23,000	Frame Type :					
Z Mid	: 2220,000	Sect Class :	Class 3				
Length	: 250,000	Major Axis :	0,000 degrees counterclockwise				
Loc	: 100,000	RLLF :	1,000				
Area	: 7,478	SMajor :	7,068	rMajor :	1,889	AVMajor:	1,531
IMajor	: 26,681	SMinor :	63,987	rMinor :	11,729	AVMinor:	4,822
IMinor	: 1028,597	ZMajor :	9,818	E :	2100,000		
Ixy	: 0,000	ZMinor :	78,841	Fy :	2,400		

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
100,000	0,007	7,860	0,468	-0,026	0,010	1,327E-06

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.4.8.1)	0,514	=	0,000	+	0,510	+	0,003	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	0,007	5,554	16,315	5,554	16,071

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	7,860	15,421	15,421	15,421
Minor Moment	0,468	139,609	139,609	

	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,000	1,000	0,997	1,000	1,000
Minor Moment	1,000	1,000	1,000		

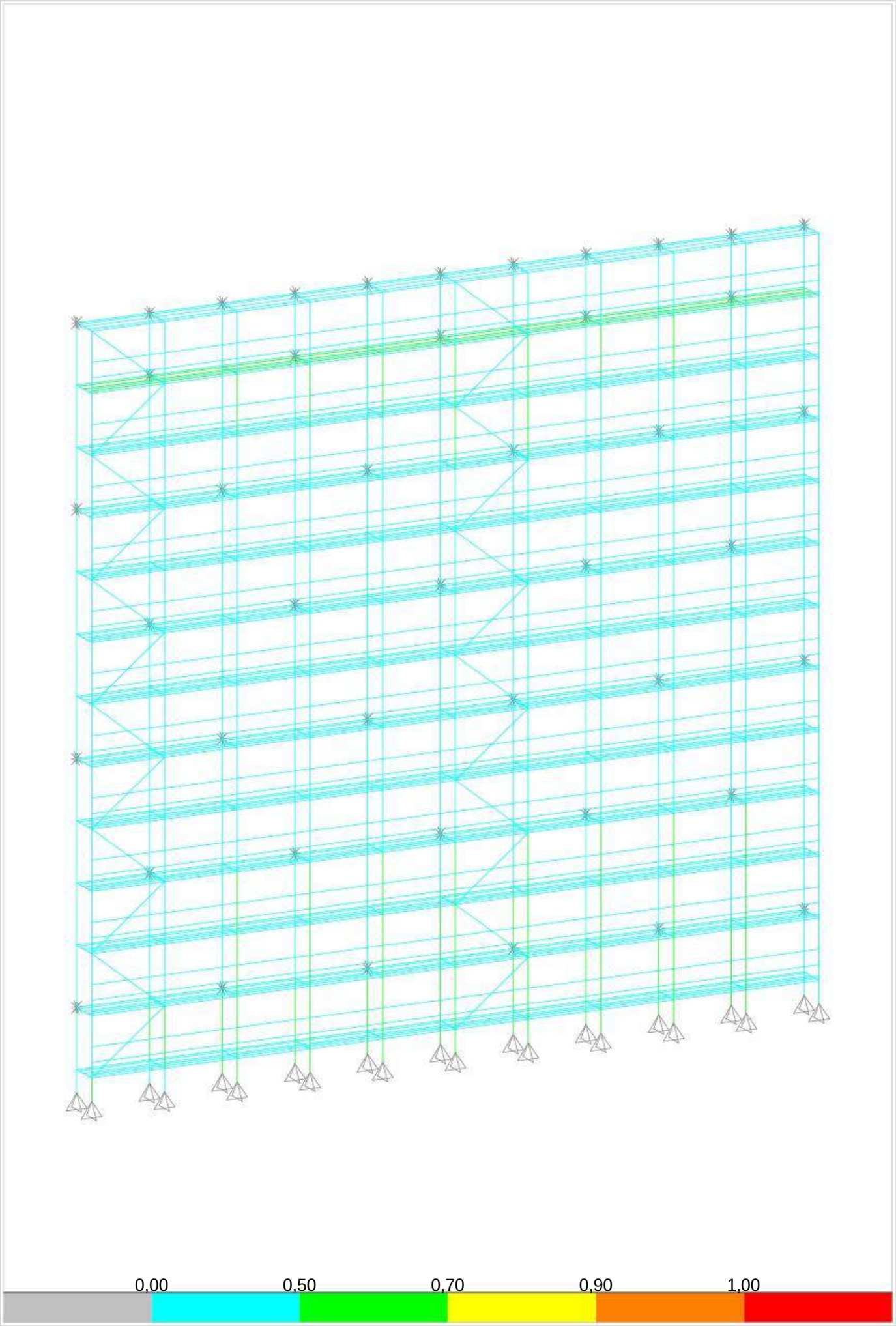
SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,026	1,929	0,014	OK	0,000
Minor Shear	0,010	6,074	0,002	OK	0,000

12. SONUÇ

Demirel Yapı firmasının imalatı olan SW09 genişliğine sahip 3 kalaslı flanşlı iskele dış cephe iskesinin analizi yapılmıştır. Rapor içerisinde iskele hesabında dikkate alınan boyutlar ve iskele yükseklikleri belirtilmiş, yapılan yüklemeler grafik ve sayısal olarak anlatılmıştır. İskele hesap yönetmeliklerine göre analizi yapılan bu iskelenin analiz sonuçlarından anlaşıldığı üzere rapor içerisinde belirtilen eleman kesiti, iskele boyutu, iskele kullanımı ve yükleme değerlerinin dışına çıkılmadığı takdirde iskelenin kullanımında herhangi bir sakınca yoktur.

EK- A: ANALİZ ÇIKTILARI



DEMIREL_SW09_YUK3_F_KAPLAMASIZ - Steel P-M Interaction Ratios (EUROCODE 3-1993) - To

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
108	F48,3*3	Column	No Messages	0,629629	PMM	COMB2	13	No Messages	No Messages
105	F48,3*3	Column	No Messages	0,628036	PMM	COMB2	13	No Messages	No Messages
103	F48,3*3	Column	No Messages	0,610715	PMM	COMB2	13	No Messages	No Messages
112	F48,3*3	Column	No Messages	0,610219	PMM	COMB2	13	No Messages	No Messages
110	F48,3*3	Column	No Messages	0,609993	PMM	COMB2	13	No Messages	No Messages
101	F48,3*3	Column	No Messages	0,609905	PMM	COMB2	13	No Messages	No Messages
99	F48,3*3	Column	No Messages	0,607872	PMM	COMB2	13	No Messages	No Messages
1	F38*5	Column	No Messages	0,607348	PMM	COMB3	72,6	No Messages	No Messages
114	F48,3*3	Column	No Messages	0,603759	PMM	COMB2	13	No Messages	No Messages
6	F38*5	Column	No Messages	0,59722	PMM	COMB3	72,6	No Messages	No Messages
7	F38*5	Column	No Messages	0,58135	PMM	COMB3	72,6	No Messages	No Messages
5	F38*5	Column	No Messages	0,564233	PMM	COMB3	72,6	No Messages	No Messages
8	F38*5	Column	No Messages	0,564075	PMM	COMB3	72,6	No Messages	No Messages
4	F38*5	Column	No Messages	0,563445	PMM	COMB3	72,6	No Messages	No Messages
9	F38*5	Column	No Messages	0,563428	PMM	COMB3	72,6	No Messages	No Messages
3	F38*5	Column	No Messages	0,560846	PMM	COMB3	72,6	No Messages	No Messages
10	F38*5	Column	No Messages	0,557497	PMM	COMB3	72,6	No Messages	No Messages
123	F48,3*3	Column	No Messages	0,549752	PMM	COMB3	15	No Messages	No Messages
122	F48,3*3	Column	No Messages	0,549017	PMM	COMB3	15	No Messages	No Messages
213	F48,3*3	Column	No Messages	0,548857	PMM	COMB3	12,8	No Messages	No Messages
210	F48,3*3	Column	No Messages	0,54756	PMM	COMB3	12,8	No Messages	No Messages
125	F48,3*3	Column	No Messages	0,546206	PMM	COMB3	15	No Messages	No Messages
121	F48,3*3	Column	No Messages	0,545801	PMM	COMB3	15	No Messages	No Messages
124	F48,3*3	Column	No Messages	0,54574	PMM	COMB3	15	No Messages	No Messages
120	F48,3*3	Column	No Messages	0,545617	PMM	COMB3	15	No Messages	No Messages
119	F48,3*3	Column	No Messages	0,54548	PMM	COMB3	15	No Messages	No Messages
1155	F48,3*3	Column	No Messages	0,541955	PMM	COMB5	185	No Messages	No Messages
126	F48,3*3	Column	No Messages	0,541225	PMM	COMB4	15	No Messages	No Messages
318	F48,3*3	Column	No Messages	0,539563	PMM	COMB2	13	No Messages	No Messages
315	F48,3*3	Column	No Messages	0,534249	PMM	COMB2	13	No Messages	No Messages
1158	F48,3*3	Column	No Messages	0,534014	PMM	COMB5	185	No Messages	No Messages
1160	F48,3*3	Column	No Messages	0,531258	PMM	COMB5	185	No Messages	No Messages
208	F48,3*3	Column	No Messages	0,530985	PMM	COMB3	12,8	No Messages	No Messages
217	F48,3*3	Column	No Messages	0,530867	PMM	COMB3	12,8	No Messages	No Messages
1151	F48,3*3	Column	No Messages	0,530713	PMM	COMB5	185	No Messages	No Messages
215	F48,3*3	Column	No Messages	0,530676	PMM	COMB3	12,8	No Messages	No Messages
206	F48,3*3	Column	No Messages	0,530269	PMM	COMB3	12,8	No Messages	No Messages
204	F48,3*3	Column	No Messages	0,528448	PMM	COMB3	12,8	No Messages	No Messages
219	F48,3*3	Column	No Messages	0,524753	PMM	COMB3	12,8	No Messages	No Messages
1153	F48,3*3	Column	No Messages	0,524077	PMM	COMB5	185	No Messages	No Messages
18	F38*5	Column	No Messages	0,522582	PMM	COMB2	72,6	No Messages	No Messages
17	F38*5	Column	No Messages	0,522547	PMM	COMB2	72,6	No Messages	No Messages
118	F48,3*3	Column	No Messages	0,521573	PMM	COMB3	15	No Messages	No Messages
311	F48,3*3	Column	No Messages	0,520872	PMM	COMB2	13	No Messages	No Messages
320	F48,3*3	Column	No Messages	0,520695	PMM	COMB2	13	No Messages	No Messages
313	F48,3*3	Column	No Messages	0,52068	PMM	COMB2	13	No Messages	No Messages
322	F48,3*3	Column	No Messages	0,519825	PMM	COMB2	13	No Messages	No Messages
16	F38*5	Column	No Messages	0,519626	PMM	COMB2	72,6	No Messages	No Messages
15	F38*5	Column	No Messages	0,519078	PMM	COMB2	72,6	No Messages	No Messages
14	F38*5	Column	No Messages	0,518375	PMM	COMB2	72,6	No Messages	No Messages
309	F48,3*3	Column	No Messages	0,518332	PMM	COMB2	13	No Messages	No Messages
19	F38*5	Column	No Messages	0,518244	PMM	COMB2	72,6	No Messages	No Messages
20	F38*5	Column	No Messages	0,517315	PMM	COMB2	72,6	No Messages	No Messages
1345	KALAS	Beam	No Messages	0,516172	PMM	COMB2	150	No Messages	No Messages
1197	KALAS	Beam	No Messages	0,516123	PMM	COMB2	100	No Messages	No Messages
1462	KALAS	Beam	No Messages	0,516058	PMM	COMB2	100	No Messages	No Messages
1218	KALAS	Beam	No Messages	0,515854	PMM	COMB2	100	No Messages	No Messages
1188	KALAS	Beam	No Messages	0,515724	PMM	COMB2	150	No Messages	No Messages
1209	KALAS	Beam	No Messages	0,515462	PMM	COMB2	150	No Messages	No Messages
324	F48,3*3	Column	No Messages	0,514914	PMM	COMB2	13	No Messages	No Messages
1194	KALAS	Beam	No Messages	0,514536	PMM	COMB2	100	No Messages	No Messages
1196	KALAS	Beam	No Messages	0,51436	PMM	COMB2	150	No Messages	No Messages
1215	KALAS	Beam	No Messages	0,514306	PMM	COMB2	100	No Messages	No Messages
1423	KALAS	Beam	No Messages	0,514174	PMM	COMB2	100	No Messages	No Messages
1217	KALAS	Beam	No Messages	0,514071	PMM	COMB2	150	No Messages	No Messages
1191	KALAS	Beam	No Messages	0,514052	PMM	COMB2	150	No Messages	No Messages
1449	KALAS	Beam	No Messages	0,513961	PMM	COMB2	150	No Messages	No Messages
1212	KALAS	Beam	No Messages	0,51388	PMM	COMB2	150	No Messages	No Messages
1384	KALAS	Beam	No Messages	0,513832	PMM	COMB2	150	No Messages	No Messages
1193	KALAS	Beam	No Messages	0,513821	PMM	COMB2	150	No Messages	No Messages
1192	KALAS	Beam	No Messages	0,513718	PMM	COMB2	100	No Messages	No Messages
1214	KALAS	Beam	No Messages	0,513652	PMM	COMB2	150	No Messages	No Messages
1410	KALAS	Beam	No Messages	0,513597	PMM	COMB2	150	No Messages	No Messages
1189	KALAS	Beam	No Messages	0,513562	PMM	COMB2	100	No Messages	No Messages
1213	KALAS	Beam	No Messages	0,513547	PMM	COMB2	100	No Messages	No Messages
1190	KALAS	Beam	No Messages	0,51351	PMM	COMB2	100	No Messages	No Messages
1210	KALAS	Beam	No Messages	0,513443	PMM	COMB2	100	No Messages	No Messages
1397	KALAS	Beam	No Messages	0,513439	PMM	COMB2	100	No Messages	No Messages
1211	KALAS	Beam	No Messages	0,513379	PMM	COMB2	100	No Messages	No Messages
1358	KALAS	Beam	No Messages	0,513312	PMM	COMB2	100	No Messages	No Messages
1371	KALAS	Beam	No Messages	0,513305	PMM	COMB2	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
1195	KALAS	Beam	No Messages	0,513289	PMM	COMB2	150	No Messages	No Messages
1216	KALAS	Beam	No Messages	0,513058	PMM	COMB2	150	No Messages	No Messages
1436	KALAS	Beam	No Messages	0,513056	PMM	COMB2	150	No Messages	No Messages
1053	F48,3*3	Column	No Messages	0,512322	PMM	COMB5	12,8	No Messages	No Messages
97	F48,3*3	Column	No Messages	0,511655	PMM	COMB2	13	No Messages	No Messages
21	F38*5	Column	No Messages	0,510736	PMM	COMB2	72,6	No Messages	No Messages
1162	F48,3*3	Column	No Messages	0,510652	PMM	COMB5	185	No Messages	No Messages
1149	F48,3*3	Column	No Messages	0,509843	PMM	COMB5	185	No Messages	No Messages
228	F48,3*3	Column	No Messages	0,5032	PMM	COMB2	15	No Messages	No Messages
227	F48,3*3	Column	No Messages	0,502552	PMM	COMB2	15	No Messages	No Messages
1050	F48,3*3	Column	No Messages	0,50078	PMM	COMB5	12,8	No Messages	No Messages
1048	F48,3*3	Column	No Messages	0,499959	PMM	COMB5	12,8	No Messages	No Messages
1164	F48,3*3	Column	No Messages	0,499777	PMM	COMB5	185	No Messages	No Messages
226	F48,3*3	Column	No Messages	0,499771	PMM	COMB2	15	No Messages	No Messages
224	F48,3*3	Column	No Messages	0,499344	PMM	COMB2	15	No Messages	No Messages
225	F48,3*3	Column	No Messages	0,499309	PMM	COMB2	15	No Messages	No Messages
230	F48,3*3	Column	No Messages	0,499053	PMM	COMB2	15	No Messages	No Messages
229	F48,3*3	Column	No Messages	0,498791	PMM	COMB2	15	No Messages	No Messages
13	F38*5	Column	No Messages	0,496699	PMM	COMB2	72,6	No Messages	No Messages
1068	F48,3*3	Column	No Messages	0,495778	PMM	COMB5	185	No Messages	No Messages
117	F48,3*3	Column	No Messages	0,495744	PMM	COMB3	15	No Messages	No Messages
1067	F48,3*3	Column	No Messages	0,493551	PMM	COMB5	185	No Messages	No Messages
231	F48,3*3	Column	No Messages	0,493475	PMM	COMB2	15	No Messages	No Messages
1066	F48,3*3	Column	No Messages	0,492611	PMM	COMB5	185	No Messages	No Messages
1055	F48,3*3	Column	No Messages	0,489329	PMM	COMB5	12,8	No Messages	No Messages
1046	F48,3*3	Column	No Messages	0,488644	PMM	COMB5	12,8	No Messages	No Messages
423	F48,3*3	Column	No Messages	0,488046	PMM	COMB3	12,8	No Messages	No Messages
420	F48,3*3	Column	No Messages	0,487987	PMM	COMB3	12,8	No Messages	No Messages
1147	F48,3*3	Column	No Messages	0,486818	PMM	COMB5	185	No Messages	No Messages
1069	F48,3*3	Column	No Messages	0,483707	PMM	COMB5	185	No Messages	No Messages
1065	F48,3*3	Column	No Messages	0,483199	PMM	COMB5	185	No Messages	No Messages
94	F48,3*3	Column	No Messages	0,481414	PMM	COMB2	13	No Messages	No Messages
1057	F48,3*3	Column	No Messages	0,480853	PMM	COMB5	12,8	No Messages	No Messages
1044	F48,3*3	Column	No Messages	0,479955	PMM	COMB5	12,8	No Messages	No Messages
528	F48,3*3	Column	No Messages	0,478233	PMM	COMB2	13	No Messages	No Messages
223	F48,3*3	Column	No Messages	0,476618	PMM	COMB2	15	No Messages	No Messages
2	F38*5	Column	No Messages	0,475761	PMM	COMB3	72,6	No Messages	No Messages
425	F48,3*3	Column	No Messages	0,475417	PMM	COMB3	12,8	No Messages	No Messages
416	F48,3*3	Column	No Messages	0,475151	PMM	COMB3	12,8	No Messages	No Messages
418	F48,3*3	Column	No Messages	0,475143	PMM	COMB3	12,8	No Messages	No Messages
333	F48,3*3	Column	No Messages	0,475121	PMM	COMB3	15	No Messages	No Messages
427	F48,3*3	Column	No Messages	0,474952	PMM	COMB3	12,8	No Messages	No Messages
1070	F48,3*3	Column	No Messages	0,474865	PMM	COMB5	185	No Messages	No Messages
332	F48,3*3	Column	No Messages	0,474734	PMM	COMB3	15	No Messages	No Messages
1064	F48,3*3	Column	No Messages	0,474224	PMM	COMB5	185	No Messages	No Messages
414	F48,3*3	Column	No Messages	0,473179	PMM	COMB3	12,8	No Messages	No Messages
525	F48,3*3	Column	No Messages	0,472558	PMM	COMB2	13	No Messages	No Messages
335	F48,3*3	Column	No Messages	0,471618	PMM	COMB3	15	No Messages	No Messages
334	F48,3*3	Column	No Messages	0,471486	PMM	COMB3	15	No Messages	No Messages
330	F48,3*3	Column	No Messages	0,471267	PMM	COMB3	15	No Messages	No Messages
331	F48,3*3	Column	No Messages	0,47126	PMM	COMB3	15	No Messages	No Messages
329	F48,3*3	Column	No Messages	0,47085	PMM	COMB3	15	No Messages	No Messages
429	F48,3*3	Column	No Messages	0,470001	PMM	COMB3	12,8	No Messages	No Messages
336	F48,3*3	Column	No Messages	0,467309	PMM	COMB3	15	No Messages	No Messages
437	F48,3*3	Column	No Messages	0,466096	PMM	COMB2	15	No Messages	No Messages
438	F48,3*3	Column	No Messages	0,465818	PMM	COMB2	15	No Messages	No Messages
523	F48,3*3	Column	No Messages	0,464391	PMM	COMB2	13	No Messages	No Messages
521	F48,3*3	Column	No Messages	0,463467	PMM	COMB2	13	No Messages	No Messages
530	F48,3*3	Column	No Messages	0,463279	PMM	COMB2	13	No Messages	No Messages
532	F48,3*3	Column	No Messages	0,463248	PMM	COMB2	13	No Messages	No Messages
435	F48,3*3	Column	No Messages	0,462763	PMM	COMB2	15	No Messages	No Messages
436	F48,3*3	Column	No Messages	0,462385	PMM	COMB2	15	No Messages	No Messages
439	F48,3*3	Column	No Messages	0,462257	PMM	COMB2	15	No Messages	No Messages
434	F48,3*3	Column	No Messages	0,462217	PMM	COMB2	15	No Messages	No Messages
519	F48,3*3	Column	No Messages	0,461935	PMM	COMB2	13	No Messages	No Messages
440	F48,3*3	Column	No Messages	0,461883	PMM	COMB2	15	No Messages	No Messages
1203	F48,3*3	Beam	No Messages	0,45893	PMM	COMB2	57	No Messages	No Messages
1201	F48,3*3	Beam	No Messages	0,458605	PMM	COMB2	57	No Messages	No Messages
1205	F48,3*3	Beam	No Messages	0,458568	PMM	COMB2	57	No Messages	No Messages
534	F48,3*3	Column	No Messages	0,457816	PMM	COMB2	13	No Messages	No Messages
441	F48,3*3	Column	No Messages	0,457102	PMM	COMB2	15	No Messages	No Messages
127	F48,3*3	Column	No Messages	0,456636	PMM	COMB3	15	No Messages	No Messages
1207	F48,3*3	Beam	No Messages	0,455513	PMM	COMB2	57	No Messages	No Messages
1199	F48,3*3	Beam	No Messages	0,455098	PMM	COMB2	57	No Messages	No Messages
1059	F48,3*3	Column	No Messages	0,452805	PMM	COMB5	12,8	No Messages	No Messages
1071	F48,3*3	Column	No Messages	0,44857	PMM	COMB5	185	No Messages	No Messages
328	F48,3*3	Column	No Messages	0,448459	PMM	COMB3	15	No Messages	No Messages
202	F48,3*3	Column	No Messages	0,448298	PMM	COMB3	12,8	No Messages	No Messages
222	F48,3*3	Column	No Messages	0,446358	PMM	COMB2	15	No Messages	No Messages
1202	F48,3*3	Beam	No Messages	0,445197	PMM	COMB2	57	No Messages	No Messages
1206	F48,3*3	Beam	No Messages	0,444948	PMM	COMB2	57	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
1200	F48,3*3	Beam	No Messages	0,444838	PMM	COMB2	57	No Messages	No Messages
1204	F48,3*3	Beam	No Messages	0,443499	PMM	COMB2	57	No Messages	No Messages
1063	F48,3*3	Column	No Messages	0,441704	PMM	COMB5	185	No Messages	No Messages
433	F48,3*3	Column	No Messages	0,440396	PMM	COMB2	15	No Messages	No Messages
307	F48,3*3	Column	No Messages	0,43759	PMM	COMB2	13	No Messages	No Messages
543	F48,3*3	Column	No Messages	0,437011	PMM	COMB3	15	No Messages	No Messages
542	F48,3*3	Column	No Messages	0,436202	PMM	COMB3	15	No Messages	No Messages
1042	F48,3*3	Column	No Messages	0,435419	PMM	COMB5	12,8	No Messages	No Messages
545	F48,3*3	Column	No Messages	0,433363	PMM	COMB3	15	No Messages	No Messages
541	F48,3*3	Column	No Messages	0,433192	PMM	COMB3	15	No Messages	No Messages
544	F48,3*3	Column	No Messages	0,4331	PMM	COMB3	15	No Messages	No Messages
540	F48,3*3	Column	No Messages	0,432874	PMM	COMB3	15	No Messages	No Messages
199	F48,3*3	Column	No Messages	0,432868	PMM	COMB2	12,8	No Messages	No Messages
539	F48,3*3	Column	No Messages	0,432613	PMM	COMB3	15	No Messages	No Messages
12	F38*5	Column	No Messages	0,431327	PMM	COMB2	72,6	No Messages	No Messages
633	F48,3*3	Column	No Messages	0,429582	PMM	COMB3	12,8	No Messages	No Messages
630	F48,3*3	Column	No Messages	0,42924	PMM	COMB3	12,8	No Messages	No Messages
546	F48,3*3	Column	No Messages	0,429124	PMM	COMB3	15	No Messages	No Messages
648	F48,3*3	Column	No Messages	0,42746	PMM	COMB2	15	No Messages	No Messages
647	F48,3*3	Column	No Messages	0,426592	PMM	COMB2	15	No Messages	No Messages
1039	F48,3*3	Column	No Messages	0,426419	PMM	COMB5	12,8	No Messages	No Messages
646	F48,3*3	Column	No Messages	0,424133	PMM	COMB2	15	No Messages	No Messages
645	F48,3*3	Column	No Messages	0,423519	PMM	COMB2	15	No Messages	No Messages
644	F48,3*3	Column	No Messages	0,423512	PMM	COMB2	15	No Messages	No Messages
650	F48,3*3	Column	No Messages	0,423182	PMM	COMB2	15	No Messages	No Messages
649	F48,3*3	Column	No Messages	0,423013	PMM	COMB2	15	No Messages	No Messages
11	F38*5	Column	No Messages	0,421074	PMM	COMB3	72,6	No Messages	No Messages
628	F48,3*3	Column	No Messages	0,420251	PMM	COMB3	12,8	No Messages	No Messages
635	F48,3*3	Column	No Messages	0,419865	PMM	COMB3	12,8	No Messages	No Messages
637	F48,3*3	Column	No Messages	0,419835	PMM	COMB3	12,8	No Messages	No Messages
626	F48,3*3	Column	No Messages	0,41961	PMM	COMB3	12,8	No Messages	No Messages
624	F48,3*3	Column	No Messages	0,41849	PMM	COMB3	12,8	No Messages	No Messages
738	F48,3*3	Column	No Messages	0,418199	PMM	COMB2	13	No Messages	No Messages
651	F48,3*3	Column	No Messages	0,417912	PMM	COMB2	15	No Messages	No Messages
327	F48,3*3	Column	No Messages	0,417689	PMM	COMB3	15	No Messages	No Messages
639	F48,3*3	Column	No Messages	0,414705	PMM	COMB3	12,8	No Messages	No Messages
735	F48,3*3	Column	No Messages	0,412666	PMM	COMB2	13	No Messages	No Messages
538	F48,3*3	Column	No Messages	0,410326	PMM	COMB3	15	No Messages	No Messages
432	F48,3*3	Column	No Messages	0,409961	PMM	COMB2	15	No Messages	No Messages
731	F48,3*3	Column	No Messages	0,408363	PMM	COMB2	13	No Messages	No Messages
733	F48,3*3	Column	No Messages	0,408165	PMM	COMB2	13	No Messages	No Messages
740	F48,3*3	Column	No Messages	0,408143	PMM	COMB2	13	No Messages	No Messages
742	F48,3*3	Column	No Messages	0,407429	PMM	COMB2	13	No Messages	No Messages
729	F48,3*3	Column	No Messages	0,406591	PMM	COMB2	13	No Messages	No Messages
304	F48,3*3	Column	No Messages	0,404078	PMM	COMB2	13	No Messages	No Messages
744	F48,3*3	Column	No Messages	0,404035	PMM	COMB2	13	No Messages	No Messages
232	F48,3*3	Column	No Messages	0,403776	PMM	COMB2	15	No Messages	No Messages
1062	F48,3*3	Column	No Messages	0,40319	PMM	COMB5	185	No Messages	No Messages
1172	F48,3*3	Column	No Messages	0,402426	PMM	COMB3	185	No Messages	No Messages
643	F48,3*3	Column	No Messages	0,401893	PMM	COMB2	15	No Messages	No Messages
1173	F48,3*3	Column	No Messages	0,401707	PMM	COMB3	185	No Messages	No Messages
412	F48,3*3	Column	No Messages	0,401494	PMM	COMB3	12,8	No Messages	No Messages
1174	F48,3*3	Column	No Messages	0,400628	PMM	COMB3	185	No Messages	No Messages
1170	F48,3*3	Column	No Messages	0,400556	PMM	COMB3	185	No Messages	No Messages
1171	F48,3*3	Column	No Messages	0,400011	PMM	COMB3	185	No Messages	No Messages
1175	F48,3*3	Column	No Messages	0,399763	PMM	COMB3	185	No Messages	No Messages
1169	F48,3*3	Column	No Messages	0,399263	PMM	COMB3	185	No Messages	No Messages
753	F48,3*3	Column	No Messages	0,397699	PMM	COMB3	15	No Messages	No Messages
752	F48,3*3	Column	No Messages	0,397277	PMM	COMB3	15	No Messages	No Messages
1176	F48,3*3	Column	No Messages	0,396106	PMM	COMB3	185	No Messages	No Messages
754	F48,3*3	Column	No Messages	0,394398	PMM	COMB3	15	No Messages	No Messages
755	F48,3*3	Column	No Messages	0,394351	PMM	COMB3	15	No Messages	No Messages
751	F48,3*3	Column	No Messages	0,394205	PMM	COMB3	15	No Messages	No Messages
750	F48,3*3	Column	No Messages	0,394173	PMM	COMB3	15	No Messages	No Messages
749	F48,3*3	Column	No Messages	0,39357	PMM	COMB3	15	No Messages	No Messages
756	F48,3*3	Column	No Messages	0,391108	PMM	COMB3	15	No Messages	No Messages
409	F48,3*3	Column	No Messages	0,388633	PMM	COMB2	12,8	No Messages	No Messages
857	F48,3*3	Column	No Messages	0,387554	PMM	COMB2	15	No Messages	No Messages
1061	F48,3*3	Column	No Messages	0,38737	PMM	COMB5	12,8	No Messages	No Messages
858	F48,3*3	Column	No Messages	0,387309	PMM	COMB2	15	No Messages	No Messages
517	F48,3*3	Column	No Messages	0,387114	PMM	COMB2	13	No Messages	No Messages
22	F38*5	Column	No Messages	0,386706	PMM	COMB2	72,6	No Messages	No Messages
1072	F48,3*3	Column	No Messages	0,386185	PMM	COMB5	185	No Messages	No Messages
855	F48,3*3	Column	No Messages	0,384754	PMM	COMB2	15	No Messages	No Messages
856	F48,3*3	Column	No Messages	0,384391	PMM	COMB2	15	No Messages	No Messages
859	F48,3*3	Column	No Messages	0,384319	PMM	COMB2	15	No Messages	No Messages
854	F48,3*3	Column	No Messages	0,384114	PMM	COMB2	15	No Messages	No Messages
860	F48,3*3	Column	No Messages	0,383756	PMM	COMB2	15	No Messages	No Messages
1168	F48,3*3	Column	No Messages	0,382835	PMM	COMB3	185	No Messages	No Messages
537	F48,3*3	Column	No Messages	0,38263	PMM	COMB3	15	No Messages	No Messages
337	F48,3*3	Column	No Messages	0,380648	PMM	COMB3	15	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
861	F48,3*3	Column	No Messages	0,380087	PMM	COMB2	15	No Messages	No Messages
642	F48,3*3	Column	No Messages	0,375632	PMM	COMB2	15	No Messages	No Messages
843	F48,3*3	Column	No Messages	0,373345	PMM	COMB3	12,8	No Messages	No Messages
748	F48,3*3	Column	No Messages	0,373332	PMM	COMB3	15	No Messages	No Messages
840	F48,3*3	Column	No Messages	0,369579	PMM	COMB3	12,8	No Messages	No Messages
442	F48,3*3	Column	No Messages	0,367737	PMM	COMB2	15	No Messages	No Messages
853	F48,3*3	Column	No Messages	0,365696	PMM	COMB2	15	No Messages	No Messages
845	F48,3*3	Column	No Messages	0,365609	PMM	COMB3	12,8	No Messages	No Messages
836	F48,3*3	Column	No Messages	0,365537	PMM	COMB3	12,8	No Messages	No Messages
838	F48,3*3	Column	No Messages	0,365416	PMM	COMB3	12,8	No Messages	No Messages
847	F48,3*3	Column	No Messages	0,365102	PMM	COMB3	12,8	No Messages	No Messages
834	F48,3*3	Column	No Messages	0,364346	PMM	COMB3	12,8	No Messages	No Messages
1166	F48,3*3	Column	No Messages	0,3625	PMM	COMB5	12,8	No Messages	No Messages
849	F48,3*3	Column	No Messages	0,361858	PMM	COMB3	12,8	No Messages	No Messages
948	F48,3*3	Column	No Messages	0,359569	PMM	COMB2	13	No Messages	No Messages
622	F48,3*3	Column	No Messages	0,356312	PMM	COMB3	12,8	No Messages	No Messages
514	F48,3*3	Column	No Messages	0,35621	PMM	COMB2	13	No Messages	No Messages
963	F48,3*3	Column	No Messages	0,356147	PMM	COMB3	15	No Messages	No Messages
962	F48,3*3	Column	No Messages	0,35517	PMM	COMB3	15	No Messages	No Messages
1144	F48,3*3	Column	No Messages	0,354362	PMM	COMB5	12,8	No Messages	No Messages
961	F48,3*3	Column	No Messages	0,352993	PMM	COMB3	15	No Messages	No Messages
965	F48,3*3	Column	No Messages	0,352832	PMM	COMB3	15	No Messages	No Messages
964	F48,3*3	Column	No Messages	0,352795	PMM	COMB3	15	No Messages	No Messages
960	F48,3*3	Column	No Messages	0,352614	PMM	COMB3	15	No Messages	No Messages
959	F48,3*3	Column	No Messages	0,352217	PMM	COMB3	15	No Messages	No Messages
943	F48,3*3	Column	No Messages	0,350221	PMM	COMB2	13	No Messages	No Messages
966	F48,3*3	Column	No Messages	0,350199	PMM	COMB3	15	No Messages	No Messages
941	F48,3*3	Column	No Messages	0,34941	PMM	COMB2	13	No Messages	No Messages
952	F48,3*3	Column	No Messages	0,349291	PMM	COMB2	13	No Messages	No Messages
950	F48,3*3	Column	No Messages	0,349163	PMM	COMB2	13	No Messages	No Messages
939	F48,3*3	Column	No Messages	0,348766	PMM	COMB2	13	No Messages	No Messages
619	F48,3*3	Column	No Messages	0,347644	PMM	COMB2	12,8	No Messages	No Messages
547	F48,3*3	Column	No Messages	0,347036	PMM	COMB3	15	No Messages	No Messages
945	F48,3*3	Column	No Messages	0,346182	PMM	COMB2	13	No Messages	No Messages
954	F48,3*3	Column	No Messages	0,346174	PMM	COMB2	13	No Messages	No Messages
747	F48,3*3	Column	No Messages	0,343485	PMM	COMB3	15	No Messages	No Messages
727	F48,3*3	Column	No Messages	0,342872	PMM	COMB2	13	No Messages	No Messages
116	F48,3*3	Column	No Messages	0,341377	PMM	COMB2	12,8	No Messages	No Messages
652	F48,3*3	Column	No Messages	0,335785	PMM	COMB2	15	No Messages	No Messages
958	F48,3*3	Column	No Messages	0,3344	PMM	COMB3	15	No Messages	No Messages
852	F48,3*3	Column	No Messages	0,332032	PMM	COMB2	15	No Messages	No Messages
832	F48,3*3	Column	No Messages	0,319624	PMM	COMB3	12,8	No Messages	No Messages
757	F48,3*3	Column	No Messages	0,311415	PMM	COMB3	15	No Messages	No Messages
957	F48,3*3	Column	No Messages	0,30185	PMM	COMB3	15	No Messages	No Messages
937	F48,3*3	Column	No Messages	0,300841	PMM	COMB5	185	No Messages	No Messages
724	F48,3*3	Column	No Messages	0,29743	PMM	COMB2	13	No Messages	No Messages
862	F48,3*3	Column	No Messages	0,29738	PMM	COMB2	15	No Messages	No Messages
221	F48,3*3	Column	No Messages	0,296122	PMM	COMB3	12,8	No Messages	No Messages
829	F48,3*3	Column	No Messages	0,296094	PMM	COMB2	12,8	No Messages	No Messages
994	F48,3*3	Beam	No Messages	0,294301	PMM	COMB5	95,4	No Messages	No Messages
1167	F48,3*3	Column	No Messages	0,293166	PMM	COMB3	185	No Messages	No Messages
326	F48,3*3	Column	No Messages	0,291614	PMM	COMB2	12,8	No Messages	No Messages
992	F48,3*3	Beam	No Messages	0,290199	PMM	COMB5	95,4	No Messages	No Messages
1277	F48,3*3	Column	No Messages	0,286063	PMM	COMB2	15	No Messages	No Messages
1252	F48,3*3	Column	No Messages	0,284632	PMM	COMB3	12,8	No Messages	No Messages
1278	F48,3*3	Column	No Messages	0,284213	PMM	COMB2	15	No Messages	No Messages
1275	F48,3*3	Column	No Messages	0,284207	PMM	COMB2	15	No Messages	No Messages
1279	F48,3*3	Column	No Messages	0,284175	PMM	COMB2	15	No Messages	No Messages
1295	KALAS	Beam	No Messages	0,283015	PMM	COMB4	100	No Messages	No Messages
1296	KALAS	Beam	No Messages	0,282702	PMM	COMB4	100	No Messages	No Messages
1280	F48,3*3	Column	No Messages	0,282537	PMM	COMB2	15	No Messages	No Messages
1308	F48,3*3	Beam	No Messages	0,282417	PMM	COMB3	57	No Messages	No Messages
1276	F48,3*3	Column	No Messages	0,282387	PMM	COMB2	15	No Messages	No Messages
1294	KALAS	Beam	No Messages	0,282276	PMM	COMB4	150	No Messages	No Messages
1297	KALAS	Beam	No Messages	0,282007	PMM	COMB4	100	No Messages	No Messages
1274	F48,3*3	Column	No Messages	0,282003	PMM	COMB2	15	No Messages	No Messages
1306	F48,3*3	Beam	No Messages	0,281944	PMM	COMB3	57	No Messages	No Messages
1307	F48,3*3	Beam	No Messages	0,2819	PMM	COMB3	57	No Messages	No Messages
1310	F48,3*3	Beam	No Messages	0,281843	PMM	COMB3	57	No Messages	No Messages
1309	F48,3*3	Beam	No Messages	0,281802	PMM	COMB3	57	No Messages	No Messages
1305	F48,3*3	Beam	No Messages	0,281775	PMM	COMB3	57	No Messages	No Messages
1311	F48,3*3	Beam	No Messages	0,281539	PMM	COMB3	57	No Messages	No Messages
1293	KALAS	Beam	No Messages	0,280998	PMM	COMB4	100	No Messages	No Messages
1208	F48,3*3	Beam	No Messages	0,280892	PMM	COMB5	89	No Messages	No Messages
1304	F48,3*3	Beam	No Messages	0,280723	PMM	COMB3	57	No Messages	No Messages
1298	KALAS	Beam	No Messages	0,280351	PMM	COMB4	150	No Messages	No Messages
996	F48,3*3	Beam	No Messages	0,280208	PMM	COMB5	95,4	No Messages	No Messages
990	F48,3*3	Beam	No Messages	0,279672	PMM	COMB5	95,4	No Messages	No Messages
1299	KALAS	Beam	No Messages	0,2795	PMM	COMB4	100	No Messages	No Messages
1281	F48,3*3	Column	No Messages	0,279454	PMM	COMB2	15	No Messages	No Messages
1256	F48,3*3	Column	No Messages	0,279421	PMM	COMB3	12,8	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
1265	F48,3*3	Column	No Messages	0,279283	PMM	COMB3	12,8	No Messages	No Messages
1300	KALAS	Beam	No Messages	0,278756	PMM	COMB4	100	No Messages	No Messages
1254	F48,3*3	Column	No Messages	0,278733	PMM	COMB3	12,8	No Messages	No Messages
1267	F48,3*3	Column	No Messages	0,278532	PMM	COMB3	12,8	No Messages	No Messages
1317	KALAS	Beam	No Messages	0,278427	PMM	COMB4	100	No Messages	No Messages
1258	F48,3*3	Column	No Messages	0,278404	PMM	COMB3	12,8	No Messages	No Messages
1318	KALAS	Beam	No Messages	0,278355	PMM	COMB4	100	No Messages	No Messages
1316	KALAS	Beam	No Messages	0,278287	PMM	COMB4	100	No Messages	No Messages
1319	KALAS	Beam	No Messages	0,278119	PMM	COMB4	100	No Messages	No Messages
1301	KALAS	Beam	No Messages	0,278088	PMM	COMB4	100	No Messages	No Messages
1315	KALAS	Beam	No Messages	0,277866	PMM	COMB4	150	No Messages	No Messages
1320	KALAS	Beam	No Messages	0,277814	PMM	COMB4	100	No Messages	No Messages
1312	F48,3*3	Beam	No Messages	0,27777	PMM	COMB3	57	No Messages	No Messages
1314	KALAS	Beam	No Messages	0,277622	PMM	COMB4	100	No Messages	No Messages
1083	KALAS	Beam	No Messages	0,277536	PMM	COMB2	100	No Messages	No Messages
1321	KALAS	Beam	No Messages	0,277468	PMM	COMB4	150	No Messages	No Messages
1302	KALAS	Beam	No Messages	0,277346	PMM	COMB4	150	No Messages	No Messages
1088	KALAS	Beam	No Messages	0,277237	PMM	COMB2	150	No Messages	No Messages
1322	KALAS	Beam	No Messages	0,277135	PMM	COMB4	100	No Messages	No Messages
1346	KALAS	Beam	No Messages	0,2771	PMM	COMB4	100	No Messages	No Messages
1409	KALAS	Beam	No Messages	0,277094	PMM	COMB3	100	No Messages	No Messages
1396	KALAS	Beam	No Messages	0,277053	PMM	COMB3	150	No Messages	No Messages
1422	KALAS	Beam	No Messages	0,276982	PMM	COMB3	100	No Messages	No Messages
1435	KALAS	Beam	No Messages	0,276933	PMM	COMB3	100	No Messages	No Messages
1323	KALAS	Beam	No Messages	0,276918	PMM	COMB4	150	No Messages	No Messages
1383	KALAS	Beam	No Messages	0,276903	PMM	COMB3	150	No Messages	No Messages
1084	KALAS	Beam	No Messages	0,276886	PMM	COMB2	100	No Messages	No Messages
1448	KALAS	Beam	No Messages	0,276872	PMM	COMB3	100	No Messages	No Messages
1385	KALAS	Beam	No Messages	0,276844	PMM	COMB4	100	No Messages	No Messages
1091	KALAS	Beam	No Messages	0,276839	PMM	COMB3	100	No Messages	No Messages
1372	KALAS	Beam	No Messages	0,276836	PMM	COMB4	100	No Messages	No Messages
1370	KALAS	Beam	No Messages	0,276833	PMM	COMB3	100	No Messages	No Messages
1089	KALAS	Beam	No Messages	0,276826	PMM	COMB4	100	No Messages	No Messages
1398	KALAS	Beam	No Messages	0,276823	PMM	COMB4	100	No Messages	No Messages
1090	KALAS	Beam	No Messages	0,276815	PMM	COMB4	100	No Messages	No Messages
1359	KALAS	Beam	No Messages	0,276805	PMM	COMB4	150	No Messages	No Messages
1087	KALAS	Beam	No Messages	0,276793	PMM	COMB2	150	No Messages	No Messages
1411	KALAS	Beam	No Messages	0,276779	PMM	COMB4	100	No Messages	No Messages
1108	KALAS	Beam	No Messages	0,276756	PMM	COMB2	150	No Messages	No Messages
1357	KALAS	Beam	No Messages	0,276755	PMM	COMB4	100	No Messages	No Messages
1109	KALAS	Beam	No Messages	0,276743	PMM	COMB2	100	No Messages	No Messages
1424	KALAS	Beam	No Messages	0,2767	PMM	COMB4	100	No Messages	No Messages
1085	KALAS	Beam	No Messages	0,276659	PMM	COMB4	100	No Messages	No Messages
1105	KALAS	Beam	No Messages	0,276656	PMM	COMB4	100	No Messages	No Messages
1092	KALAS	Beam	No Messages	0,276631	PMM	COMB3	100	No Messages	No Messages
1086	KALAS	Beam	No Messages	0,276625	PMM	COMB2	150	No Messages	No Messages
1463	KALAS	Beam	No Messages	0,276614	PMM	COMB4	150	No Messages	No Messages
1437	KALAS	Beam	No Messages	0,27661	PMM	COMB4	150	No Messages	No Messages
1461	KALAS	Beam	No Messages	0,276604	PMM	COMB3	100	No Messages	No Messages
1110	KALAS	Beam	No Messages	0,276598	PMM	COMB2	100	No Messages	No Messages
1344	KALAS	Beam	No Messages	0,276581	PMM	COMB4	100	No Messages	No Messages
1106	KALAS	Beam	No Messages	0,276576	PMM	COMB4	100	No Messages	No Messages
1112	KALAS	Beam	No Messages	0,276571	PMM	COMB3	100	No Messages	No Messages
1111	KALAS	Beam	No Messages	0,276542	PMM	COMB2	100	No Messages	No Messages
1104	KALAS	Beam	No Messages	0,276525	PMM	COMB4	100	No Messages	No Messages
1450	KALAS	Beam	No Messages	0,276513	PMM	COMB4	100	No Messages	No Messages
1107	KALAS	Beam	No Messages	0,276499	PMM	COMB2	150	No Messages	No Messages
1113	KALAS	Beam	No Messages	0,27647	PMM	COMB4	150	No Messages	No Messages
1260	F48,3*3	Column	No Messages	0,276247	PMM	COMB3	12,8	No Messages	No Messages
967	F48,3*3	Column	No Messages	0,275541	PMM	COMB3	15	No Messages	No Messages
1269	F48,3*3	Column	No Messages	0,275432	PMM	COMB3	12,8	No Messages	No Messages
1263	F48,3*3	Column	No Messages	0,273771	PMM	COMB3	12,8	No Messages	No Messages
1177	F48,3*3	Column	No Messages	0,271986	PMM	COMB3	185	No Messages	No Messages
1198	F48,3*3	Beam	No Messages	0,271841	PMM	COMB5	89	No Messages	No Messages
1273	F48,3*3	Column	No Messages	0,267002	PMM	COMB2	15	No Messages	No Messages
993	F48,3*3	Beam	No Messages	0,265799	PMM	COMB5	95,4	No Messages	No Messages
536	F48,3*3	Column	No Messages	0,264786	PMM	COMB5	185	No Messages	No Messages
431	F48,3*3	Column	No Messages	0,262997	PMM	COMB3	12,8	No Messages	No Messages
934	F48,3*3	Column	No Messages	0,25768	PMM	COMB5	185	No Messages	No Messages
995	F48,3*3	Beam	No Messages	0,256148	PMM	COMB5	95,4	No Messages	No Messages
991	F48,3*3	Beam	No Messages	0,255703	PMM	COMB5	95,4	No Messages	No Messages
1094	F48,3*3	Beam	No Messages	0,242845	PMM	COMB1	57	No Messages	No Messages
1095	F48,3*3	Beam	No Messages	0,242436	PMM	COMB1	57	No Messages	No Messages
1096	F48,3*3	Beam	No Messages	0,242434	PMM	COMB1	57	No Messages	No Messages
1100	F48,3*3	Beam	No Messages	0,242431	PMM	COMB1	57	No Messages	No Messages
1101	F48,3*3	Beam	No Messages	0,242427	PMM	COMB1	57	No Messages	No Messages
1097	F48,3*3	Beam	No Messages	0,242423	PMM	COMB1	57	No Messages	No Messages
1102	F48,3*3	Beam	No Messages	0,242127	PMM	COMB1	57	No Messages	No Messages
1098	F48,3*3	Beam	No Messages	0,242041	PMM	COMB1	57	No Messages	No Messages
1099	F48,3*3	Beam	No Messages	0,241986	PMM	COMB1	57	No Messages	No Messages
997	F48,3*3	Beam	No Messages	0,23454	PMM	COMB5	95,4	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
988	F48,3*3	Beam	No Messages	0,233433	PMM	COMB5	95,4	No Messages	No Messages
641	F48,3*3	Column	No Messages	0,233168	PMM	COMB5	12,8	No Messages	No Messages
956	F48,3*3	Column	No Messages	0,231949	PMM	COMB5	185	No Messages	No Messages
746	F48,3*3	Column	No Messages	0,227468	PMM	COMB2	12,8	No Messages	No Messages
989	F48,3*3	Beam	No Messages	0,222533	PMM	COMB5	95,4	No Messages	No Messages
998	F48,3*3	Beam	No Messages	0,213765	PMM	COMB5	95,4	No Messages	No Messages
851	F48,3*3	Column	No Messages	0,199781	PMM	COMB3	12,8	No Messages	No Messages
1272	F48,3*3	Column	No Messages	0,1839	PMM	COMB3	15	No Messages	No Messages
1282	F48,3*3	Column	No Messages	0,164235	PMM	COMB3	15	No Messages	No Messages
1271	F48,3*3	Column	No Messages	0,147237	PMM	COMB4	12,8	No Messages	No Messages
1313	F48,3*3	Beam	No Messages	0,146603	PMM	COMB4	57	No Messages	No Messages
1303	F48,3*3	Beam	No Messages	0,146116	PMM	COMB4	57	No Messages	No Messages
1249	F48,3*3	Column	No Messages	0,144579	PMM	COMB3	12,8	No Messages	No Messages
1093	F48,3*3	Beam	No Messages	0,128753	PMM	COMB5	23	No Messages	No Messages
1103	F48,3*3	Beam	No Messages	0,122699	PMM	COMB1	57	No Messages	No Messages
1145	F48,3*3	Brace	No Messages	0,120913	PMM	COMB5	160,078	No Messages	No Messages
631	F48,3*3	Brace	No Messages	0,11122	PMM	COMB7	160,078	No Messages	No Messages
1051	F48,3*3	Brace	No Messages	0,110622	PMM	COMB7	160,078	No Messages	No Messages
841	F48,3*3	Brace	No Messages	0,110301	PMM	COMB7	160,078	No Messages	No Messages
211	F48,3*3	Brace	No Messages	0,108379	PMM	COMB7	160,078	No Messages	No Messages
421	F48,3*3	Brace	No Messages	0,10472	PMM	COMB7	160,078	No Messages	No Messages
106	F48,3*3	Brace	No Messages	0,101755	PMM	COMB7	160,078	No Messages	No Messages
526	F48,3*3	Brace	No Messages	0,101335	PMM	COMB7	160,078	No Messages	No Messages
935	F48,3*3	Brace	No Messages	0,100458	PMM	COMB7	160,078	No Messages	No Messages
1156	F48,3*3	Brace	No Messages	0,097171	PMM	COMB7	160,078	No Messages	No Messages
946	F48,3*3	Brace	No Messages	0,095817	PMM	COMB7	160,078	No Messages	No Messages
736	F48,3*3	Brace	No Messages	0,095555	PMM	COMB7	160,078	No Messages	No Messages
316	F48,3*3	Brace	No Messages	0,095454	PMM	COMB7	160,078	No Messages	No Messages
1228	F48,3*3	Beam	No Messages	0,092085	PMM	COMB5	250	No Messages	No Messages
515	F48,3*3	Brace	No Messages	0,090567	PMM	COMB7	160,078	No Messages	No Messages
1219	F48,3*3	Beam	No Messages	0,089899	PMM	COMB5	0	No Messages	No Messages
725	F48,3*3	Brace	No Messages	0,088427	PMM	COMB7	160,078	No Messages	No Messages
778	F48,3*3	Beam	No Messages	0,086941	PMM	COMB5	23	No Messages	No Messages
154	F48,3*3	Beam	No Messages	0,086616	PMM	COMB5	95,4	No Messages	No Messages
150	F48,3*3	Beam	No Messages	0,086307	PMM	COMB5	95,4	No Messages	No Messages
156	F48,3*3	Beam	No Messages	0,086097	PMM	COMB5	95,4	No Messages	No Messages
152	F48,3*3	Beam	No Messages	0,085732	PMM	COMB5	95,4	No Messages	No Messages
788	F48,3*3	Beam	No Messages	0,085465	PMM	COMB5	57	No Messages	No Messages
358	F48,3*3	Beam	No Messages	0,082104	PMM	COMB5	57	No Messages	No Messages
368	F48,3*3	Beam	No Messages	0,079917	PMM	COMB5	57	No Messages	No Messages
305	F48,3*3	Brace	No Messages	0,077902	PMM	COMB7	160,078	No Messages	No Messages
779	F48,3*3	Beam	No Messages	0,076887	PMM	COMB5	57	No Messages	No Messages
787	F48,3*3	Beam	No Messages	0,075412	PMM	COMB5	57	No Messages	No Messages
359	F48,3*3	Beam	No Messages	0,07384	PMM	COMB5	57	No Messages	No Messages
367	F48,3*3	Beam	No Messages	0,071744	PMM	COMB5	57	No Messages	No Messages
95	F48,3*3	Brace	No Messages	0,070545	PMM	COMB7	160,078	No Messages	No Messages
153	F48,3*3	Beam	No Messages	0,069298	PMM	COMB5	95,4	No Messages	No Messages
151	F48,3*3	Beam	No Messages	0,067711	PMM	COMB5	95,4	No Messages	No Messages
155	F48,3*3	Beam	No Messages	0,067662	PMM	COMB5	95,4	No Messages	No Messages
148	F48,3*3	Beam	No Messages	0,067577	PMM	COMB5	95,4	No Messages	No Messages
157	F48,3*3	Beam	No Messages	0,066268	PMM	COMB5	95,4	No Messages	No Messages
784	F48,3*3	Beam	No Messages	0,065953	PMM	COMB7	23	No Messages	No Messages
158	F48,3*3	Beam	No Messages	0,064587	PMM	COMB5	95,4	No Messages	No Messages
149	F48,3*3	Beam	No Messages	0,064274	PMM	COMB5	95,4	No Messages	No Messages
574	F48,3*3	Beam	No Messages	0,064108	PMM	COMB7	23	No Messages	No Messages
783	F48,3*3	Beam	No Messages	0,063646	PMM	COMB5	57	No Messages	No Messages
1460	KALAS	Beam	No Messages	0,063424	PMM	COMB5	100	No Messages	No Messages
1343	KALAS	Beam	No Messages	0,063387	PMM	COMB5	150	No Messages	No Messages
576	F48,3*3	Beam	No Messages	0,063349	PMM	COMB5	57	No Messages	No Messages
570	F48,3*3	Beam	No Messages	0,063155	PMM	COMB5	57	No Messages	No Messages
785	F48,3*3	Beam	No Messages	0,063131	PMM	COMB7	57	No Messages	No Messages
781	F48,3*3	Beam	No Messages	0,063121	PMM	COMB7	57	No Messages	No Messages
978	KALAS	Beam	No Messages	0,06307	PMM	COMB5	150	No Messages	No Messages
987	KALAS	Beam	No Messages	0,062831	PMM	COMB5	100	No Messages	No Messages
780	F48,3*3	Beam	No Messages	0,062345	PMM	COMB7	57	No Messages	No Messages
48	F48,3*3	Beam	No Messages	0,062302	PMM	COMB5	23	No Messages	No Messages
1008	KALAS	Beam	No Messages	0,06221	PMM	COMB5	100	No Messages	No Messages
999	KALAS	Beam	No Messages	0,062197	PMM	COMB5	150	No Messages	No Messages
1458	KALAS	Beam	No Messages	0,061802	PMM	COMB5	100	No Messages	No Messages
572	F48,3*3	Beam	No Messages	0,061747	PMM	COMB5	57	No Messages	No Messages
1341	KALAS	Beam	No Messages	0,06171	PMM	COMB5	150	No Messages	No Messages
786	F48,3*3	Beam	No Messages	0,061618	PMM	COMB7	57	No Messages	No Messages
363	F48,3*3	Beam	No Messages	0,061573	PMM	COMB5	57	No Messages	No Messages
777	KALAS	Beam	No Messages	0,061517	PMM	COMB5	100	No Messages	No Messages
46	F48,3*3	Beam	No Messages	0,061493	PMM	COMB5	23	No Messages	No Messages
768	KALAS	Beam	No Messages	0,06136	PMM	COMB5	150	No Messages	No Messages
50	F48,3*3	Beam	No Messages	0,06116	PMM	COMB5	23	No Messages	No Messages
782	F48,3*3	Beam	No Messages	0,06099	PMM	COMB7	57	No Messages	No Messages
365	F48,3*3	Beam	No Messages	0,060928	PMM	COMB5	57	No Messages	No Messages
49	F48,3*3	Beam	No Messages	0,060798	PMM	COMB5	23	No Messages	No Messages
798	KALAS	Beam	No Messages	0,060795	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
47	F48,3*3	Beam	No Messages	0,060744	PMM	COMB5	23	No Messages	No Messages
789	KALAS	Beam	No Messages	0,060659	PMM	COMB5	150	No Messages	No Messages
1454	KALAS	Beam	No Messages	0,060622	PMM	COMB5	100	No Messages	No Messages
1337	KALAS	Beam	No Messages	0,060529	PMM	COMB5	150	No Messages	No Messages
44	F48,3*3	Beam	No Messages	0,060443	PMM	COMB5	23	No Messages	No Messages
357	KALAS	Beam	No Messages	0,06035	PMM	COMB5	100	No Messages	No Messages
348	KALAS	Beam	No Messages	0,060229	PMM	COMB5	150	No Messages	No Messages
45	F48,3*3	Beam	No Messages	0,060174	PMM	COMB5	23	No Messages	No Messages
361	F48,3*3	Beam	No Messages	0,060098	PMM	COMB5	57	No Messages	No Messages
378	KALAS	Beam	No Messages	0,059698	PMM	COMB5	100	No Messages	No Messages
364	F48,3*3	Beam	No Messages	0,059647	PMM	COMB7	23	No Messages	No Messages
52	F48,3*3	Beam	No Messages	0,059574	PMM	COMB5	23	No Messages	No Messages
369	KALAS	Beam	No Messages	0,059541	PMM	COMB5	150	No Messages	No Messages
569	F48,3*3	Beam	No Messages	0,05954	PMM	COMB7	57	No Messages	No Messages
51	F48,3*3	Beam	No Messages	0,059367	PMM	COMB5	23	No Messages	No Messages
573	F48,3*3	Beam	No Messages	0,059178	PMM	COMB7	57	No Messages	No Messages
1129	TOZLUK	Beam	No Messages	0,05855	PMM	COMB5	100	No Messages	No Messages
1130	TOZLUK	Beam	No Messages	0,058428	PMM	COMB5	100	No Messages	No Messages
575	F48,3*3	Beam	No Messages	0,058426	PMM	COMB7	57	No Messages	No Messages
571	F48,3*3	Beam	No Messages	0,058212	PMM	COMB7	57	No Messages	No Messages
776	KALAS	Beam	No Messages	0,058205	PMM	COMB5	150	No Messages	No Messages
769	KALAS	Beam	No Messages	0,057695	PMM	COMB5	100	No Messages	No Messages
360	F48,3*3	Beam	No Messages	0,05769	PMM	COMB7	57	No Messages	No Messages
366	F48,3*3	Beam	No Messages	0,057669	PMM	COMB7	57	No Messages	No Messages
1078	F48,3*3	Beam	No Messages	0,057481	PMM	COMB5	0	No Messages	No Messages
797	KALAS	Beam	No Messages	0,057454	PMM	COMB5	150	No Messages	No Messages
356	KALAS	Beam	No Messages	0,057296	PMM	COMB5	150	No Messages	No Messages
790	KALAS	Beam	No Messages	0,057224	PMM	COMB5	100	No Messages	No Messages
1131	TOZLUK	Beam	No Messages	0,057223	PMM	COMB5	100	No Messages	No Messages
577	F48,3*3	Beam	No Messages	0,0572	PMM	COMB7	57	No Messages	No Messages
1445	KALAS	Beam	No Messages	0,057006	PMM	COMB5	150	No Messages	No Messages
362	F48,3*3	Beam	No Messages	0,056912	PMM	COMB7	57	No Messages	No Messages
349	KALAS	Beam	No Messages	0,056905	PMM	COMB5	100	No Messages	No Messages
1354	KALAS	Beam	No Messages	0,056814	PMM	COMB5	100	No Messages	No Messages
377	KALAS	Beam	No Messages	0,056646	PMM	COMB5	150	No Messages	No Messages
370	KALAS	Beam	No Messages	0,056385	PMM	COMB5	100	No Messages	No Messages
200	F48,3*3	Brace	No Messages	0,056325	PMM	COMB7	160,078	No Messages	No Messages
1128	TOZLUK	Beam	No Messages	0,056279	PMM	COMB5	100	No Messages	No Messages
1441	KALAS	Beam	No Messages	0,056229	PMM	COMB5	150	No Messages	No Messages
1350	KALAS	Beam	No Messages	0,055977	PMM	COMB5	100	No Messages	No Messages
568	F48,3*3	Beam	No Messages	0,05582	PMM	COMB5	89	No Messages	No Messages
620	F48,3*3	Brace	No Messages	0,055561	PMM	COMB7	160,078	No Messages	No Messages
1079	F48,3*3	Beam	No Messages	0,055556	PMM	COMB5	250	No Messages	No Messages
1132	TOZLUK	Beam	No Messages	0,055516	PMM	COMB5	100	No Messages	No Messages
1127	TOZLUK	Beam	No Messages	0,055037	PMM	COMB5	100	No Messages	No Messages
1456	KALAS	Beam	No Messages	0,055024	PMM	COMB5	100	No Messages	No Messages
1339	KALAS	Beam	No Messages	0,055004	PMM	COMB5	150	No Messages	No Messages
567	KALAS	Beam	No Messages	0,054689	PMM	COMB5	100	No Messages	No Messages
558	KALAS	Beam	No Messages	0,054532	PMM	COMB5	150	No Messages	No Messages
1447	KALAS	Beam	No Messages	0,05432	PMM	COMB5	50	No Messages	No Messages
588	KALAS	Beam	No Messages	0,054313	PMM	COMB5	100	No Messages	No Messages
579	KALAS	Beam	No Messages	0,054234	PMM	COMB5	150	No Messages	No Messages
1356	KALAS	Beam	No Messages	0,054085	PMM	COMB5	50	No Messages	No Messages
1126	TOZLUK	Beam	No Messages	0,053703	PMM	COMB5	100	No Messages	No Messages
980	KALAS	Beam	No Messages	0,053367	PMM	COMB5	100	No Messages	No Messages
985	KALAS	Beam	No Messages	0,053078	PMM	COMB5	150	No Messages	No Messages
1001	KALAS	Beam	No Messages	0,052944	PMM	COMB5	100	No Messages	No Messages
1006	KALAS	Beam	No Messages	0,052863	PMM	COMB5	150	No Messages	No Messages
979	KALAS	Beam	No Messages	0,052852	PMM	COMB5	50	No Messages	No Messages
1007	KALAS	Beam	No Messages	0,052852	PMM	COMB5	200	No Messages	No Messages
1369	KALAS	Beam	No Messages	0,052829	PMM	COMB5	50	No Messages	No Messages
986	KALAS	Beam	No Messages	0,05279	PMM	COMB5	200	No Messages	No Messages
1000	KALAS	Beam	No Messages	0,052716	PMM	COMB5	50	No Messages	No Messages
1434	KALAS	Beam	No Messages	0,052712	PMM	COMB5	150	No Messages	No Messages
1236	TOZLUK	Beam	No Messages	0,052652	PMM	COMB5	100	No Messages	No Messages
1334	KALAS	Beam	No Messages	0,05238	PMM	COMB5	150	No Messages	No Messages
1237	TOZLUK	Beam	No Messages	0,052311	PMM	COMB5	100	No Messages	No Messages
1451	KALAS	Beam	No Messages	0,052277	PMM	COMB5	100	No Messages	No Messages
1133	TOZLUK	Beam	No Messages	0,052246	PMM	COMB5	100	No Messages	No Messages
147	KALAS	Beam	No Messages	0,052224	PMM	COMB5	100	No Messages	No Messages
1261	F48,3*3	Brace	No Messages	0,051995	PMM	COMB3	160,078	No Messages	No Messages
1235	TOZLUK	Beam	No Messages	0,051867	PMM	COMB5	100	No Messages	No Messages
168	KALAS	Beam	No Messages	0,051753	PMM	COMB5	100	No Messages	No Messages
982	KALAS	Beam	No Messages	0,051741	PMM	COMB5	150	No Messages	No Messages
138	KALAS	Beam	No Messages	0,051733	PMM	COMB5	150	No Messages	No Messages
159	KALAS	Beam	No Messages	0,05172	PMM	COMB5	150	No Messages	No Messages
983	KALAS	Beam	No Messages	0,051639	PMM	COMB5	100	No Messages	No Messages
1080	F48,3*3	Beam	No Messages	0,051581	PMM	COMB5	250	No Messages	No Messages
1003	KALAS	Beam	No Messages	0,051291	PMM	COMB5	150	No Messages	No Messages
1125	TOZLUK	Beam	No Messages	0,051276	PMM	COMB5	100	No Messages	No Messages
1004	KALAS	Beam	No Messages	0,051221	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
1395	KALAS	Beam	No Messages	0,051217	PMM	COMB5	150	No Messages	No Messages
1408	KALAS	Beam	No Messages	0,051149	PMM	COMB5	100	No Messages	No Messages
981	KALAS	Beam	No Messages	0,051089	PMM	COMB5	150	No Messages	No Messages
1040	F48,3*3	Brace	No Messages	0,050926	PMM	COMB2	160,078	No Messages	No Messages
830	F48,3*3	Brace	No Messages	0,050907	PMM	COMB7	160,078	No Messages	No Messages
984	KALAS	Beam	No Messages	0,050898	PMM	COMB5	100	No Messages	No Messages
578	F48,3*3	Beam	No Messages	0,05069	PMM	COMB5	89	No Messages	No Messages
1005	KALAS	Beam	No Messages	0,050649	PMM	COMB5	100	No Messages	No Messages
1002	KALAS	Beam	No Messages	0,050632	PMM	COMB5	150	No Messages	No Messages
884	F48,3*3	Beam	No Messages	0,050602	PMM	COMB5	57	No Messages	No Messages
1421	KALAS	Beam	No Messages	0,050515	PMM	COMB5	100	No Messages	No Messages
1230	TOZLUK	Beam	No Messages	0,050476	PMM	COMB5	100	No Messages	No Messages
1382	KALAS	Beam	No Messages	0,050411	PMM	COMB5	150	No Messages	No Messages
1234	TOZLUK	Beam	No Messages	0,050355	PMM	COMB5	100	No Messages	No Messages
1238	TOZLUK	Beam	No Messages	0,050346	PMM	COMB5	100	No Messages	No Messages
1231	TOZLUK	Beam	No Messages	0,050171	PMM	COMB5	100	No Messages	No Messages
1229	TOZLUK	Beam	No Messages	0,050168	PMM	COMB5	100	No Messages	No Messages
1233	TOZLUK	Beam	No Messages	0,050035	PMM	COMB5	100	No Messages	No Messages
1232	TOZLUK	Beam	No Messages	0,050019	PMM	COMB5	100	No Messages	No Messages
774	KALAS	Beam	No Messages	0,049832	PMM	COMB5	100	No Messages	No Messages
771	KALAS	Beam	No Messages	0,049615	PMM	COMB5	150	No Messages	No Messages
354	KALAS	Beam	No Messages	0,049441	PMM	COMB5	100	No Messages	No Messages
674	F48,3*3	Beam	No Messages	0,049287	PMM	COMB5	57	No Messages	No Messages
351	KALAS	Beam	No Messages	0,049285	PMM	COMB5	150	No Messages	No Messages
1178	F48,3*3	Beam	No Messages	0,049275	PMM	COMB5	250	No Messages	No Messages
795	KALAS	Beam	No Messages	0,04917	PMM	COMB5	100	No Messages	No Messages
1028	TOZLUK	Beam	No Messages	0,049148	PMM	COMB5	100	No Messages	No Messages
792	KALAS	Beam	No Messages	0,049068	PMM	COMB5	150	No Messages	No Messages
892	F48,3*3	Beam	No Messages	0,048976	PMM	COMB5	57	No Messages	No Messages
565	KALAS	Beam	No Messages	0,048919	PMM	COMB5	150	No Messages	No Messages
1124	TOZLUK	Beam	No Messages	0,048904	PMM	COMB5	100	No Messages	No Messages
1027	TOZLUK	Beam	No Messages	0,048827	PMM	COMB5	100	No Messages	No Messages
375	KALAS	Beam	No Messages	0,048806	PMM	COMB5	100	No Messages	No Messages
1419	KALAS	Beam	No Messages	0,048759	PMM	COMB5	100	No Messages	No Messages
1380	KALAS	Beam	No Messages	0,048688	PMM	COMB5	150	No Messages	No Messages
586	KALAS	Beam	No Messages	0,048683	PMM	COMB5	150	No Messages	No Messages
372	KALAS	Beam	No Messages	0,048676	PMM	COMB5	150	No Messages	No Messages
1019	TOZLUK	Beam	No Messages	0,048663	PMM	COMB5	100	No Messages	No Messages
1365	KALAS	Beam	No Messages	0,048663	PMM	COMB5	100	No Messages	No Messages
773	KALAS	Beam	No Messages	0,048661	PMM	COMB5	100	No Messages	No Messages
1430	KALAS	Beam	No Messages	0,04863	PMM	COMB5	150	No Messages	No Messages
772	KALAS	Beam	No Messages	0,048611	PMM	COMB5	150	No Messages	No Messages
1443	KALAS	Beam	No Messages	0,048583	PMM	COMB5	150	No Messages	No Messages
581	KALAS	Beam	No Messages	0,04857	PMM	COMB5	100	No Messages	No Messages
1352	KALAS	Beam	No Messages	0,048528	PMM	COMB5	100	No Messages	No Messages
1415	KALAS	Beam	No Messages	0,048399	PMM	COMB5	100	No Messages	No Messages
352	KALAS	Beam	No Messages	0,048391	PMM	COMB5	150	No Messages	No Messages
353	KALAS	Beam	No Messages	0,048348	PMM	COMB5	100	No Messages	No Messages
566	KALAS	Beam	No Messages	0,048308	PMM	COMB5	150	No Messages	No Messages
1376	KALAS	Beam	No Messages	0,048296	PMM	COMB5	150	No Messages	No Messages
464	F48,3*3	Beam	No Messages	0,048269	PMM	COMB5	57	No Messages	No Messages
560	KALAS	Beam	No Messages	0,048266	PMM	COMB5	100	No Messages	No Messages
885	F48,3*3	Beam	No Messages	0,048257	PMM	COMB5	57	No Messages	No Messages
808	F48,3*3	Beam	No Messages	0,048233	PMM	COMB5	250	No Messages	No Messages
1250	F48,3*3	Brace	No Messages	0,048199	PMM	COMB4	160,078	No Messages	No Messages
254	F48,3*3	Beam	No Messages	0,048192	PMM	COMB5	57	No Messages	No Messages
1020	TOZLUK	Beam	No Messages	0,048189	PMM	COMB5	100	No Messages	No Messages
587	KALAS	Beam	No Messages	0,048085	PMM	COMB5	150	No Messages	No Messages
793	KALAS	Beam	No Messages	0,048071	PMM	COMB5	150	No Messages	No Messages
794	KALAS	Beam	No Messages	0,048047	PMM	COMB5	100	No Messages	No Messages
145	KALAS	Beam	No Messages	0,04802	PMM	COMB5	150	No Messages	No Messages
922	TOZLUK	Beam	No Messages	0,048007	PMM	COMB5	100	No Messages	No Messages
410	F48,3*3	Brace	No Messages	0,048005	PMM	COMB7	160,078	No Messages	No Messages
580	KALAS	Beam	No Messages	0,047949	PMM	COMB5	100	No Messages	No Messages
918	TOZLUK	Beam	No Messages	0,04791	PMM	COMB5	100	No Messages	No Messages
1021	TOZLUK	Beam	No Messages	0,047887	PMM	COMB5	100	No Messages	No Messages
923	TOZLUK	Beam	No Messages	0,047862	PMM	COMB5	100	No Messages	No Messages
919	TOZLUK	Beam	No Messages	0,047855	PMM	COMB5	100	No Messages	No Messages
682	F48,3*3	Beam	No Messages	0,047833	PMM	COMB5	57	No Messages	No Messages
1026	TOZLUK	Beam	No Messages	0,047803	PMM	COMB5	100	No Messages	No Messages
1024	TOZLUK	Beam	No Messages	0,047781	PMM	COMB5	100	No Messages	No Messages
373	KALAS	Beam	No Messages	0,04778	PMM	COMB5	150	No Messages	No Messages
891	F48,3*3	Beam	No Messages	0,04777	PMM	COMB5	57	No Messages	No Messages
917	TOZLUK	Beam	No Messages	0,047747	PMM	COMB5	100	No Messages	No Messages
920	TOZLUK	Beam	No Messages	0,047712	PMM	COMB5	100	No Messages	No Messages
1393	KALAS	Beam	No Messages	0,047705	PMM	COMB5	150	No Messages	No Messages
374	KALAS	Beam	No Messages	0,047699	PMM	COMB5	100	No Messages	No Messages
1406	KALAS	Beam	No Messages	0,047668	PMM	COMB5	100	No Messages	No Messages
775	KALAS	Beam	No Messages	0,047665	PMM	COMB5	100	No Messages	No Messages
916	TOZLUK	Beam	No Messages	0,047659	PMM	COMB5	100	No Messages	No Messages
921	TOZLUK	Beam	No Messages	0,04765	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
559	KALAS	Beam	No Messages	0,047626	PMM	COMB5	100	No Messages	No Messages
1023	TOZLUK	Beam	No Messages	0,047621	PMM	COMB5	100	No Messages	No Messages
1025	TOZLUK	Beam	No Messages	0,047617	PMM	COMB5	100	No Messages	No Messages
1022	TOZLUK	Beam	No Messages	0,047562	PMM	COMB5	100	No Messages	No Messages
1391	KALAS	Beam	No Messages	0,047507	PMM	COMB5	150	No Messages	No Messages
1404	KALAS	Beam	No Messages	0,047476	PMM	COMB5	100	No Messages	No Messages
166	KALAS	Beam	No Messages	0,04744	PMM	COMB5	150	No Messages	No Messages
770	KALAS	Beam	No Messages	0,047429	PMM	COMB5	150	No Messages	No Messages
1425	KALAS	Beam	No Messages	0,047411	PMM	COMB5	150	No Messages	No Messages
1389	KALAS	Beam	No Messages	0,047404	PMM	COMB5	150	No Messages	No Messages
146	KALAS	Beam	No Messages	0,047386	PMM	COMB5	150	No Messages	No Messages
584	KALAS	Beam	No Messages	0,047368	PMM	COMB5	100	No Messages	No Messages
583	KALAS	Beam	No Messages	0,047345	PMM	COMB5	150	No Messages	No Messages
1347	KALAS	Beam	No Messages	0,047339	PMM	COMB5	100	No Messages	No Messages
1402	KALAS	Beam	No Messages	0,047325	PMM	COMB5	100	No Messages	No Messages
1360	KALAS	Beam	No Messages	0,047297	PMM	COMB5	100	No Messages	No Messages
355	KALAS	Beam	No Messages	0,047257	PMM	COMB5	100	No Messages	No Messages
350	KALAS	Beam	No Messages	0,047239	PMM	COMB5	150	No Messages	No Messages
140	KALAS	Beam	No Messages	0,047225	PMM	COMB5	100	No Messages	No Messages
915	TOZLUK	Beam	No Messages	0,047217	PMM	COMB5	100	No Messages	No Messages
1438	KALAS	Beam	No Messages	0,047202	PMM	COMB5	150	No Messages	No Messages
914	TOZLUK	Beam	No Messages	0,047194	PMM	COMB5	100	No Messages	No Messages
564	KALAS	Beam	No Messages	0,047159	PMM	COMB5	100	No Messages	No Messages
161	KALAS	Beam	No Messages	0,047125	PMM	COMB5	100	No Messages	No Messages
1417	KALAS	Beam	No Messages	0,047101	PMM	COMB5	100	No Messages	No Messages
585	KALAS	Beam	No Messages	0,047072	PMM	COMB5	100	No Messages	No Messages
563	KALAS	Beam	No Messages	0,047068	PMM	COMB5	100	No Messages	No Messages
262	F48,3*3	Beam	No Messages	0,047026	PMM	COMB5	57	No Messages	No Messages
1378	KALAS	Beam	No Messages	0,047025	PMM	COMB5	150	No Messages	No Messages
562	KALAS	Beam	No Messages	0,046983	PMM	COMB5	150	No Messages	No Messages
582	KALAS	Beam	No Messages	0,046958	PMM	COMB5	150	No Messages	No Messages
816	TOZLUK	Beam	No Messages	0,046936	PMM	COMB5	100	No Messages	No Messages
472	F48,3*3	Beam	No Messages	0,046921	PMM	COMB5	57	No Messages	No Messages
796	KALAS	Beam	No Messages	0,046888	PMM	COMB5	100	No Messages	No Messages
791	KALAS	Beam	No Messages	0,046883	PMM	COMB5	150	No Messages	No Messages
167	KALAS	Beam	No Messages	0,046863	PMM	COMB5	150	No Messages	No Messages
887	F48,3*3	Beam	No Messages	0,046818	PMM	COMB5	57	No Messages	No Messages
160	KALAS	Beam	No Messages	0,046774	PMM	COMB5	100	No Messages	No Messages
815	TOZLUK	Beam	No Messages	0,046713	PMM	COMB5	100	No Messages	No Messages
886	F48,3*3	Beam	No Messages	0,04671	PMM	COMB5	57	No Messages	No Messages
1367	KALAS	Beam	No Messages	0,046695	PMM	COMB5	150	No Messages	No Messages
1432	KALAS	Beam	No Messages	0,046662	PMM	COMB5	100	No Messages	No Messages
561	KALAS	Beam	No Messages	0,046659	PMM	COMB5	150	No Messages	No Messages
371	KALAS	Beam	No Messages	0,046645	PMM	COMB5	150	No Messages	No Messages
708	TOZLUK	Beam	No Messages	0,046606	PMM	COMB5	100	No Messages	No Messages
376	KALAS	Beam	No Messages	0,046584	PMM	COMB5	100	No Messages	No Messages
139	KALAS	Beam	No Messages	0,046559	PMM	COMB5	100	No Messages	No Messages
709	TOZLUK	Beam	No Messages	0,046554	PMM	COMB5	100	No Messages	No Messages
817	TOZLUK	Beam	No Messages	0,046548	PMM	COMB5	100	No Messages	No Messages
712	TOZLUK	Beam	No Messages	0,046508	PMM	COMB5	100	No Messages	No Messages
1399	KALAS	Beam	No Messages	0,04646	PMM	COMB5	100	No Messages	No Messages
675	F48,3*3	Beam	No Messages	0,046445	PMM	COMB5	57	No Messages	No Messages
1363	KALAS	Beam	No Messages	0,04644	PMM	COMB5	150	No Messages	No Messages
889	F48,3*3	Beam	No Messages	0,046428	PMM	COMB5	57	No Messages	No Messages
810	TOZLUK	Beam	No Messages	0,046423	PMM	COMB5	100	No Messages	No Messages
890	F48,3*3	Beam	No Messages	0,046422	PMM	COMB5	57	No Messages	No Messages
707	TOZLUK	Beam	No Messages	0,046419	PMM	COMB5	100	No Messages	No Messages
710	TOZLUK	Beam	No Messages	0,046407	PMM	COMB5	100	No Messages	No Messages
713	TOZLUK	Beam	No Messages	0,0464	PMM	COMB5	100	No Messages	No Messages
811	TOZLUK	Beam	No Messages	0,046399	PMM	COMB5	100	No Messages	No Messages
812	TOZLUK	Beam	No Messages	0,046396	PMM	COMB5	100	No Messages	No Messages
814	TOZLUK	Beam	No Messages	0,046379	PMM	COMB5	100	No Messages	No Messages
1428	KALAS	Beam	No Messages	0,046375	PMM	COMB5	100	No Messages	No Messages
813	TOZLUK	Beam	No Messages	0,046365	PMM	COMB5	100	No Messages	No Messages
465	F48,3*3	Beam	No Messages	0,046364	PMM	COMB5	57	No Messages	No Messages
799	F48,3*3	Beam	No Messages	0,046363	PMM	COMB5	0	No Messages	No Messages
1386	KALAS	Beam	No Messages	0,046362	PMM	COMB5	150	No Messages	No Messages
255	F48,3*3	Beam	No Messages	0,046312	PMM	COMB5	57	No Messages	No Messages
164	KALAS	Beam	No Messages	0,046294	PMM	COMB5	100	No Messages	No Messages
711	TOZLUK	Beam	No Messages	0,04629	PMM	COMB5	100	No Messages	No Messages
456	KALAS	Beam	No Messages	0,046278	PMM	COMB5	150	No Messages	No Messages
144	KALAS	Beam	No Messages	0,046277	PMM	COMB5	100	No Messages	No Messages
706	TOZLUK	Beam	No Messages	0,046246	PMM	COMB5	100	No Messages	No Messages
888	F48,3*3	Beam	No Messages	0,046233	PMM	COMB5	57	No Messages	No Messages
457	KALAS	Beam	No Messages	0,046225	PMM	COMB5	150	No Messages	No Messages
666	KALAS	Beam	No Messages	0,046224	PMM	COMB5	150	No Messages	No Messages
246	KALAS	Beam	No Messages	0,046214	PMM	COMB5	150	No Messages	No Messages
667	KALAS	Beam	No Messages	0,046204	PMM	COMB5	150	No Messages	No Messages
142	KALAS	Beam	No Messages	0,046201	PMM	COMB5	150	No Messages	No Messages
143	KALAS	Beam	No Messages	0,04619	PMM	COMB5	100	No Messages	No Messages
247	KALAS	Beam	No Messages	0,046173	PMM	COMB5	150	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
455	KALAS	Beam	No Messages	0,046153	PMM	COMB5	150	No Messages	No Messages
1373	KALAS	Beam	No Messages	0,046143	PMM	COMB5	150	No Messages	No Messages
673	F48,3*3	Beam	No Messages	0,04611	PMM	COMB5	95,4	No Messages	No Messages
163	KALAS	Beam	No Messages	0,04611	PMM	COMB5	150	No Messages	No Messages
665	KALAS	Beam	No Messages	0,046097	PMM	COMB5	150	No Messages	No Messages
670	KALAS	Beam	No Messages	0,046095	PMM	COMB5	100	No Messages	No Messages
141	KALAS	Beam	No Messages	0,046077	PMM	COMB5	150	No Messages	No Messages
669	KALAS	Beam	No Messages	0,046068	PMM	COMB5	100	No Messages	No Messages
875	KALAS	Beam	No Messages	0,046067	PMM	COMB5	150	No Messages	No Messages
1412	KALAS	Beam	No Messages	0,046047	PMM	COMB5	100	No Messages	No Messages
245	KALAS	Beam	No Messages	0,046037	PMM	COMB5	150	No Messages	No Messages
668	KALAS	Beam	No Messages	0,046021	PMM	COMB5	150	No Messages	No Messages
880	KALAS	Beam	No Messages	0,046021	PMM	COMB5	100	No Messages	No Messages
165	KALAS	Beam	No Messages	0,046013	PMM	COMB5	100	No Messages	No Messages
876	KALAS	Beam	No Messages	0,045974	PMM	COMB5	150	No Messages	No Messages
874	KALAS	Beam	No Messages	0,045938	PMM	COMB5	150	No Messages	No Messages
878	KALAS	Beam	No Messages	0,045928	PMM	COMB5	150	No Messages	No Messages
162	KALAS	Beam	No Messages	0,045927	PMM	COMB5	150	No Messages	No Messages
879	KALAS	Beam	No Messages	0,045926	PMM	COMB5	150	No Messages	No Messages
460	KALAS	Beam	No Messages	0,045886	PMM	COMB5	100	No Messages	No Messages
458	KALAS	Beam	No Messages	0,045884	PMM	COMB5	150	No Messages	No Messages
608	TOZLUK	Beam	No Messages	0,045882	PMM	COMB5	100	No Messages	No Messages
881	KALAS	Beam	No Messages	0,045874	PMM	COMB5	100	No Messages	No Messages
459	KALAS	Beam	No Messages	0,045853	PMM	COMB5	100	No Messages	No Messages
671	KALAS	Beam	No Messages	0,045832	PMM	COMB5	100	No Messages	No Messages
877	KALAS	Beam	No Messages	0,045828	PMM	COMB5	150	No Messages	No Messages
681	F48,3*3	Beam	No Messages	0,045798	PMM	COMB5	57	No Messages	No Messages
705	TOZLUK	Beam	No Messages	0,045772	PMM	COMB5	100	No Messages	No Messages
704	TOZLUK	Beam	No Messages	0,04577	PMM	COMB5	100	No Messages	No Messages
454	KALAS	Beam	No Messages	0,045744	PMM	COMB5	150	No Messages	No Messages
664	KALAS	Beam	No Messages	0,045714	PMM	COMB5	150	No Messages	No Messages
248	KALAS	Beam	No Messages	0,045681	PMM	COMB5	150	No Messages	No Messages
461	KALAS	Beam	No Messages	0,045669	PMM	COMB5	100	No Messages	No Messages
809	TOZLUK	Beam	No Messages	0,045649	PMM	COMB5	100	No Messages	No Messages
250	KALAS	Beam	No Messages	0,045641	PMM	COMB5	100	No Messages	No Messages
471	F48,3*3	Beam	No Messages	0,045636	PMM	COMB5	57	No Messages	No Messages
249	KALAS	Beam	No Messages	0,045616	PMM	COMB5	100	No Messages	No Messages
1187	F48,3*3	Beam	No Messages	0,045578	PMM	COMB5	250	No Messages	No Messages
244	KALAS	Beam	No Messages	0,045572	PMM	COMB5	150	No Messages	No Messages
261	F48,3*3	Beam	No Messages	0,04554	PMM	COMB5	57	No Messages	No Messages
1431	KALAS	Beam	No Messages	0,045506	PMM	COMB5	100	No Messages	No Messages
1405	KALAS	Beam	No Messages	0,045503	PMM	COMB6	100	No Messages	No Messages
1392	KALAS	Beam	No Messages	0,04548	PMM	COMB6	100	No Messages	No Messages
607	TOZLUK	Beam	No Messages	0,045479	PMM	COMB5	100	No Messages	No Messages
1418	KALAS	Beam	No Messages	0,045468	PMM	COMB6	100	No Messages	No Messages
818	TOZLUK	Beam	No Messages	0,045465	PMM	COMB5	100	No Messages	No Messages
251	KALAS	Beam	No Messages	0,045454	PMM	COMB5	100	No Messages	No Messages
1366	KALAS	Beam	No Messages	0,045446	PMM	COMB5	150	No Messages	No Messages
256	F48,3*3	Beam	No Messages	0,045432	PMM	COMB5	57	No Messages	No Messages
1379	KALAS	Beam	No Messages	0,045431	PMM	COMB6	100	No Messages	No Messages
1446	KALAS	Beam	No Messages	0,045431	PMM	COMB5	100	No Messages	No Messages
1433	KALAS	Beam	No Messages	0,045407	PMM	COMB5	100	No Messages	No Messages
599	TOZLUK	Beam	No Messages	0,0454	PMM	COMB5	100	No Messages	No Messages
1444	KALAS	Beam	No Messages	0,045396	PMM	COMB5	100	No Messages	No Messages
1429	KALAS	Beam	No Messages	0,045366	PMM	COMB5	100	No Messages	No Messages
1368	KALAS	Beam	No Messages	0,045365	PMM	COMB5	150	No Messages	No Messages
1403	KALAS	Beam	No Messages	0,045354	PMM	COMB6	100	No Messages	No Messages
1355	KALAS	Beam	No Messages	0,04535	PMM	COMB5	150	No Messages	No Messages
1390	KALAS	Beam	No Messages	0,045329	PMM	COMB6	100	No Messages	No Messages
1407	KALAS	Beam	No Messages	0,045323	PMM	COMB6	100	No Messages	No Messages
1283	F48,3*3	Beam	No Messages	0,045322	PMM	COMB3	250	No Messages	No Messages
1416	KALAS	Beam	No Messages	0,04532	PMM	COMB6	100	No Messages	No Messages
676	F48,3*3	Beam	No Messages	0,045317	PMM	COMB5	57	No Messages	No Messages
1364	KALAS	Beam	No Messages	0,045312	PMM	COMB5	150	No Messages	No Messages
1420	KALAS	Beam	No Messages	0,045299	PMM	COMB6	100	No Messages	No Messages
1394	KALAS	Beam	No Messages	0,045294	PMM	COMB6	100	No Messages	No Messages
1381	KALAS	Beam	No Messages	0,045293	PMM	COMB6	100	No Messages	No Messages
1377	KALAS	Beam	No Messages	0,045291	PMM	COMB6	100	No Messages	No Messages
1353	KALAS	Beam	No Messages	0,045279	PMM	COMB5	150	No Messages	No Messages
1442	KALAS	Beam	No Messages	0,045274	PMM	COMB5	100	No Messages	No Messages
1081	F48,3*3	Beam	No Messages	0,045219	PMM	COMB5	250	No Messages	No Messages
873	KALAS	Beam	No Messages	0,045214	PMM	COMB7	100	No Messages	No Messages
1427	KALAS	Beam	No Messages	0,045209	PMM	COMB5	100	No Messages	No Messages
1401	KALAS	Beam	No Messages	0,045194	PMM	COMB6	100	No Messages	No Messages
498	TOZLUK	Beam	No Messages	0,045187	PMM	COMB5	100	No Messages	No Messages
1388	KALAS	Beam	No Messages	0,045179	PMM	COMB6	100	No Messages	No Messages
35	KALAS	Beam	No Messages	0,045173	PMM	COMB5	150	No Messages	No Messages
1414	KALAS	Beam	No Messages	0,045163	PMM	COMB6	100	No Messages	No Messages
1351	KALAS	Beam	No Messages	0,045152	PMM	COMB5	150	No Messages	No Messages
1362	KALAS	Beam	No Messages	0,04515	PMM	COMB5	150	No Messages	No Messages
1375	KALAS	Beam	No Messages	0,045144	PMM	COMB6	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
1440	KALAS	Beam	No Messages	0,045113	PMM	COMB5	100	No Messages	No Messages
34	KALAS	Beam	No Messages	0,045105	PMM	COMB5	150	No Messages	No Messages
497	TOZLUK	Beam	No Messages	0,045058	PMM	COMB5	100	No Messages	No Messages
36	KALAS	Beam	No Messages	0,045006	PMM	COMB5	150	No Messages	No Messages
663	KALAS	Beam	No Messages	0,045	PMM	COMB7	100	No Messages	No Messages
1349	KALAS	Beam	No Messages	0,044977	PMM	COMB5	150	No Messages	No Messages
1439	KALAS	Beam	No Messages	0,044902	PMM	COMB5	100	No Messages	No Messages
499	TOZLUK	Beam	No Messages	0,0449	PMM	COMB5	100	No Messages	No Messages
503	TOZLUK	Beam	No Messages	0,044895	PMM	COMB5	100	No Messages	No Messages
260	F48,3*3	Beam	No Messages	0,044892	PMM	COMB5	57	No Messages	No Messages
41	KALAS	Beam	No Messages	0,044883	PMM	COMB5	100	No Messages	No Messages
680	F48,3*3	Beam	No Messages	0,044879	PMM	COMB5	57	No Messages	No Messages
902	KALAS	Beam	No Messages	0,044874	PMM	COMB5	100	No Messages	No Messages
496	TOZLUK	Beam	No Messages	0,044868	PMM	COMB5	100	No Messages	No Messages
554	F48,3*3	Beam	No Messages	0,044865	PMM	COMB7	0	No Messages	No Messages
466	F48,3*3	Beam	No Messages	0,04486	PMM	COMB5	57	No Messages	No Messages
453	KALAS	Beam	No Messages	0,044849	PMM	COMB7	100	No Messages	No Messages
37	KALAS	Beam	No Messages	0,044847	PMM	COMB5	150	No Messages	No Messages
502	TOZLUK	Beam	No Messages	0,044847	PMM	COMB5	100	No Messages	No Messages
692	KALAS	Beam	No Messages	0,044823	PMM	COMB5	100	No Messages	No Messages
895	KALAS	Beam	No Messages	0,044808	PMM	COMB5	150	No Messages	No Messages
606	TOZLUK	Beam	No Messages	0,044774	PMM	COMB5	100	No Messages	No Messages
500	TOZLUK	Beam	No Messages	0,044752	PMM	COMB5	100	No Messages	No Messages
1426	KALAS	Beam	No Messages	0,044734	PMM	COMB5	150	No Messages	No Messages
685	KALAS	Beam	No Messages	0,044729	PMM	COMB5	150	No Messages	No Messages
482	KALAS	Beam	No Messages	0,044728	PMM	COMB5	100	No Messages	No Messages
243	KALAS	Beam	No Messages	0,044727	PMM	COMB7	100	No Messages	No Messages
1348	KALAS	Beam	No Messages	0,044727	PMM	COMB5	150	No Messages	No Messages
258	F48,3*3	Beam	No Messages	0,044674	PMM	COMB5	57	No Messages	No Messages
501	TOZLUK	Beam	No Messages	0,04467	PMM	COMB5	100	No Messages	No Messages
134	F48,3*3	Beam	No Messages	0,044669	PMM	COMB7	0	No Messages	No Messages
467	F48,3*3	Beam	No Messages	0,04465	PMM	COMB5	57	No Messages	No Messages
691	KALAS	Beam	No Messages	0,04464	PMM	COMB5	100	No Messages	No Messages
1361	KALAS	Beam	No Messages	0,044622	PMM	COMB6	100	No Messages	No Messages
475	KALAS	Beam	No Messages	0,044621	PMM	COMB5	150	No Messages	No Messages
686	KALAS	Beam	No Messages	0,044605	PMM	COMB5	150	No Messages	No Messages
272	KALAS	Beam	No Messages	0,044599	PMM	COMB5	100	No Messages	No Messages
257	F48,3*3	Beam	No Messages	0,044578	PMM	COMB5	57	No Messages	No Messages
901	KALAS	Beam	No Messages	0,044572	PMM	COMB5	100	No Messages	No Messages
896	KALAS	Beam	No Messages	0,044547	PMM	COMB5	150	No Messages	No Messages
481	KALAS	Beam	No Messages	0,044541	PMM	COMB5	100	No Messages	No Messages
62	KALAS	Beam	No Messages	0,044539	PMM	COMB5	100	No Messages	No Messages
40	KALAS	Beam	No Messages	0,044529	PMM	COMB5	150	No Messages	No Messages
605	TOZLUK	Beam	No Messages	0,04451	PMM	COMB5	100	No Messages	No Messages
476	KALAS	Beam	No Messages	0,044504	PMM	COMB5	150	No Messages	No Messages
494	TOZLUK	Beam	No Messages	0,044496	PMM	COMB5	100	No Messages	No Messages
1374	KALAS	Beam	No Messages	0,04448	PMM	COMB6	100	No Messages	No Messages
265	KALAS	Beam	No Messages	0,044478	PMM	COMB5	150	No Messages	No Messages
495	TOZLUK	Beam	No Messages	0,044451	PMM	COMB5	100	No Messages	No Messages
1082	F48,3*3	Beam	No Messages	0,044435	PMM	COMB5	250	No Messages	No Messages
271	KALAS	Beam	No Messages	0,044432	PMM	COMB5	100	No Messages	No Messages
974	F48,3*3	Beam	No Messages	0,044408	PMM	COMB7	0	No Messages	No Messages
266	KALAS	Beam	No Messages	0,044389	PMM	COMB5	150	No Messages	No Messages
55	KALAS	Beam	No Messages	0,044379	PMM	COMB5	150	No Messages	No Messages
1413	KALAS	Beam	No Messages	0,044375	PMM	COMB5	150	No Messages	No Messages
882	KALAS	Beam	No Messages	0,044372	PMM	COMB5	100	No Messages	No Messages
470	F48,3*3	Beam	No Messages	0,044355	PMM	COMB5	57	No Messages	No Messages
687	KALAS	Beam	No Messages	0,044343	PMM	COMB5	150	No Messages	No Messages
1387	KALAS	Beam	No Messages	0,044336	PMM	COMB6	100	No Messages	No Messages
690	KALAS	Beam	No Messages	0,044328	PMM	COMB5	100	No Messages	No Messages
1400	KALAS	Beam	No Messages	0,044326	PMM	COMB6	100	No Messages	No Messages
677	F48,3*3	Beam	No Messages	0,044306	PMM	COMB5	57	No Messages	No Messages
600	TOZLUK	Beam	No Messages	0,04428	PMM	COMB5	100	No Messages	No Messages
477	KALAS	Beam	No Messages	0,044257	PMM	COMB5	150	No Messages	No Messages
480	KALAS	Beam	No Messages	0,044232	PMM	COMB5	100	No Messages	No Messages
672	KALAS	Beam	No Messages	0,044228	PMM	COMB5	100	No Messages	No Messages
1459	KALAS	Beam	No Messages	0,044196	PMM	COMB5	100	No Messages	No Messages
678	F48,3*3	Beam	No Messages	0,044195	PMM	COMB5	57	No Messages	No Messages
267	KALAS	Beam	No Messages	0,044187	PMM	COMB5	150	No Messages	No Messages
39	KALAS	Beam	No Messages	0,044176	PMM	COMB5	150	No Messages	No Messages
897	KALAS	Beam	No Messages	0,044172	PMM	COMB5	150	No Messages	No Messages
900	KALAS	Beam	No Messages	0,044167	PMM	COMB5	100	No Messages	No Messages
259	F48,3*3	Beam	No Messages	0,044162	PMM	COMB5	57	No Messages	No Messages
462	KALAS	Beam	No Messages	0,044161	PMM	COMB5	100	No Messages	No Messages
270	KALAS	Beam	No Messages	0,044157	PMM	COMB5	100	No Messages	No Messages
469	F48,3*3	Beam	No Messages	0,044152	PMM	COMB5	57	No Messages	No Messages
688	KALAS	Beam	No Messages	0,044149	PMM	COMB5	150	No Messages	No Messages
689	KALAS	Beam	No Messages	0,044133	PMM	COMB5	150	No Messages	No Messages
61	KALAS	Beam	No Messages	0,044126	PMM	COMB5	150	No Messages	No Messages
1342	KALAS	Beam	No Messages	0,044113	PMM	COMB5	150	No Messages	No Messages
478	KALAS	Beam	No Messages	0,044076	PMM	COMB5	150	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
38	KALAS	Beam	No Messages	0,044071	PMM	COMB5	150	No Messages	No Messages
1457	KALAS	Beam	No Messages	0,044068	PMM	COMB5	100	No Messages	No Messages
479	KALAS	Beam	No Messages	0,044057	PMM	COMB5	150	No Messages	No Messages
56	KALAS	Beam	No Messages	0,044041	PMM	COMB5	150	No Messages	No Messages
1452	KALAS	Beam	No Messages	0,04404	PMM	COMB5	100	No Messages	No Messages
252	KALAS	Beam	No Messages	0,044035	PMM	COMB5	100	No Messages	No Messages
1455	KALAS	Beam	No Messages	0,044022	PMM	COMB5	100	No Messages	No Messages
268	KALAS	Beam	No Messages	0,044016	PMM	COMB5	150	No Messages	No Messages
269	KALAS	Beam	No Messages	0,044004	PMM	COMB5	150	No Messages	No Messages
894	KALAS	Beam	No Messages	0,044	PMM	COMB7	100	No Messages	No Messages
33	KALAS	Beam	No Messages	0,043992	PMM	COMB7	100	No Messages	No Messages
898	KALAS	Beam	No Messages	0,043982	PMM	COMB5	150	No Messages	No Messages
396	TOZLUK	Beam	No Messages	0,043971	PMM	COMB5	100	No Messages	No Messages
42	KALAS	Beam	No Messages	0,043966	PMM	COMB5	100	No Messages	No Messages
899	KALAS	Beam	No Messages	0,04396	PMM	COMB5	150	No Messages	No Messages
1340	KALAS	Beam	No Messages	0,043948	PMM	COMB6	150	No Messages	No Messages
684	KALAS	Beam	No Messages	0,043934	PMM	COMB7	100	No Messages	No Messages
1453	KALAS	Beam	No Messages	0,043929	PMM	COMB5	100	No Messages	No Messages
604	TOZLUK	Beam	No Messages	0,043914	PMM	COMB5	100	No Messages	No Messages
1338	KALAS	Beam	No Messages	0,043899	PMM	COMB6	150	No Messages	No Messages
601	TOZLUK	Beam	No Messages	0,04389	PMM	COMB5	100	No Messages	No Messages
1335	KALAS	Beam	No Messages	0,043889	PMM	COMB6	150	No Messages	No Messages
883	F48,3*3	Beam	No Messages	0,043885	PMM	COMB6	95,4	No Messages	No Messages
474	KALAS	Beam	No Messages	0,043883	PMM	COMB7	100	No Messages	No Messages
264	KALAS	Beam	No Messages	0,043837	PMM	COMB7	100	No Messages	No Messages
1336	KALAS	Beam	No Messages	0,043831	PMM	COMB6	150	No Messages	No Messages
903	KALAS	Beam	No Messages	0,04381	PMM	COMB5	100	No Messages	No Messages
394	TOZLUK	Beam	No Messages	0,043809	PMM	COMB5	100	No Messages	No Messages
393	TOZLUK	Beam	No Messages	0,043806	PMM	COMB5	100	No Messages	No Messages
391	TOZLUK	Beam	No Messages	0,0438	PMM	COMB5	100	No Messages	No Messages
468	F48,3*3	Beam	No Messages	0,043798	PMM	COMB5	57	No Messages	No Messages
392	TOZLUK	Beam	No Messages	0,043795	PMM	COMB5	100	No Messages	No Messages
395	TOZLUK	Beam	No Messages	0,043795	PMM	COMB5	100	No Messages	No Messages
63	KALAS	Beam	No Messages	0,043785	PMM	COMB5	100	No Messages	No Messages
288	TOZLUK	Beam	No Messages	0,043773	PMM	COMB5	100	No Messages	No Messages
679	F48,3*3	Beam	No Messages	0,043762	PMM	COMB5	57	No Messages	No Messages
397	TOZLUK	Beam	No Messages	0,043759	PMM	COMB5	100	No Messages	No Messages
379	F48,3*3	Beam	No Messages	0,043724	PMM	COMB5	250	No Messages	No Messages
390	TOZLUK	Beam	No Messages	0,043721	PMM	COMB5	100	No Messages	No Messages
60	KALAS	Beam	No Messages	0,043719	PMM	COMB5	150	No Messages	No Messages
287	TOZLUK	Beam	No Messages	0,04368	PMM	COMB5	100	No Messages	No Messages
602	TOZLUK	Beam	No Messages	0,043676	PMM	COMB5	100	No Messages	No Messages
693	KALAS	Beam	No Messages	0,043673	PMM	COMB5	100	No Messages	No Messages
603	TOZLUK	Beam	No Messages	0,043668	PMM	COMB5	100	No Messages	No Messages
483	KALAS	Beam	No Messages	0,043647	PMM	COMB5	100	No Messages	No Messages
57	KALAS	Beam	No Messages	0,043621	PMM	COMB5	150	No Messages	No Messages
273	KALAS	Beam	No Messages	0,043583	PMM	COMB7	150	No Messages	No Messages
54	KALAS	Beam	No Messages	0,043561	PMM	COMB5	150	No Messages	No Messages
388	F48,3*3	Beam	No Messages	0,043516	PMM	COMB5	250	No Messages	No Messages
58	KALAS	Beam	No Messages	0,043452	PMM	COMB5	150	No Messages	No Messages
286	TOZLUK	Beam	No Messages	0,043439	PMM	COMB5	100	No Messages	No Messages
59	KALAS	Beam	No Messages	0,043426	PMM	COMB5	150	No Messages	No Messages
293	TOZLUK	Beam	No Messages	0,043376	PMM	COMB5	100	No Messages	No Messages
289	TOZLUK	Beam	No Messages	0,043328	PMM	COMB5	100	No Messages	No Messages
290	TOZLUK	Beam	No Messages	0,043185	PMM	COMB5	100	No Messages	No Messages
292	TOZLUK	Beam	No Messages	0,043177	PMM	COMB5	100	No Messages	No Messages
284	TOZLUK	Beam	No Messages	0,043159	PMM	COMB5	100	No Messages	No Messages
291	TOZLUK	Beam	No Messages	0,043107	PMM	COMB5	100	No Messages	No Messages
285	TOZLUK	Beam	No Messages	0,043054	PMM	COMB5	100	No Messages	No Messages
764	F48,3*3	Beam	No Messages	0,043051	PMM	COMB7	0	No Messages	No Messages
188	TOZLUK	Beam	No Messages	0,042926	PMM	COMB5	100	No Messages	No Messages
389	TOZLUK	Beam	No Messages	0,042798	PMM	COMB5	100	No Messages	No Messages
43	F48,3*3	Beam	No Messages	0,042667	PMM	COMB5	23	No Messages	No Messages
398	TOZLUK	Beam	No Messages	0,04265	PMM	COMB5	100	No Messages	No Messages
1076	F48,3*3	Beam	No Messages	0,042599	PMM	COMB5	0	No Messages	No Messages
187	TOZLUK	Beam	No Messages	0,042466	PMM	COMB5	100	No Messages	No Messages
179	TOZLUK	Beam	No Messages	0,042448	PMM	COMB5	100	No Messages	No Messages
1077	F48,3*3	Beam	No Messages	0,042193	PMM	COMB5	0	No Messages	No Messages
186	TOZLUK	Beam	No Messages	0,042188	PMM	COMB5	100	No Messages	No Messages
1284	F48,3*3	Beam	No Messages	0,042039	PMM	COMB4	0	No Messages	No Messages
83	TOZLUK	Beam	No Messages	0,041892	PMM	COMB5	100	No Messages	No Messages
185	TOZLUK	Beam	No Messages	0,041867	PMM	COMB5	100	No Messages	No Messages
77	TOZLUK	Beam	No Messages	0,041771	PMM	COMB5	100	No Messages	No Messages
78	TOZLUK	Beam	No Messages	0,041753	PMM	COMB5	100	No Messages	No Messages
76	TOZLUK	Beam	No Messages	0,041522	PMM	COMB5	100	No Messages	No Messages
74	TOZLUK	Beam	No Messages	0,041506	PMM	COMB5	100	No Messages	No Messages
344	F48,3*3	Beam	No Messages	0,041499	PMM	COMB7	0	No Messages	No Messages
1138	F48,3*3	Beam	No Messages	0,041474	PMM	COMB5	150	No Messages	No Messages
183	TOZLUK	Beam	No Messages	0,041352	PMM	COMB5	100	No Messages	No Messages
1140	F48,3*3	Beam	No Messages	0,041298	PMM	COMB5	150	No Messages	No Messages
1139	F48,3*3	Beam	No Messages	0,041292	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
182	TOZLUK	Beam	No Messages	0,04128	PMM	COMB5	100	No Messages	No Messages
75	TOZLUK	Beam	No Messages	0,041232	PMM	COMB5	100	No Messages	No Messages
82	TOZLUK	Beam	No Messages	0,041195	PMM	COMB5	150	No Messages	No Messages
184	TOZLUK	Beam	No Messages	0,041186	PMM	COMB5	100	No Messages	No Messages
180	TOZLUK	Beam	No Messages	0,041158	PMM	COMB5	100	No Messages	No Messages
181	TOZLUK	Beam	No Messages	0,041069	PMM	COMB5	100	No Messages	No Messages
81	TOZLUK	Beam	No Messages	0,040978	PMM	COMB5	100	No Messages	No Messages
1118	F48,3*3	Beam	No Messages	0,040897	PMM	COMB6	0	No Messages	No Messages
79	TOZLUK	Beam	No Messages	0,04089	PMM	COMB5	100	No Messages	No Messages
1120	F48,3*3	Beam	No Messages	0,040879	PMM	COMB6	250	No Messages	No Messages
1141	F48,3*3	Beam	No Messages	0,040859	PMM	COMB5	150	No Messages	No Messages
1119	F48,3*3	Beam	No Messages	0,040856	PMM	COMB6	0	No Messages	No Messages
80	TOZLUK	Beam	No Messages	0,040834	PMM	COMB5	100	No Messages	No Messages
1137	F48,3*3	Beam	No Messages	0,040824	PMM	COMB5	100	No Messages	No Messages
1075	F48,3*3	Beam	No Messages	0,040623	PMM	COMB5	0	No Messages	No Messages
1117	F48,3*3	Beam	No Messages	0,040469	PMM	COMB6	250	No Messages	No Messages
1136	F48,3*3	Beam	No Messages	0,039998	PMM	COMB5	150	No Messages	No Messages
53	F48,3*3	Beam	No Messages	0,039975	PMM	COMB5	23	No Messages	No Messages
1142	F48,3*3	Beam	No Messages	0,039966	PMM	COMB5	150	No Messages	No Messages
1121	F48,3*3	Beam	No Messages	0,039948	PMM	COMB6	0	No Messages	No Messages
1116	F48,3*3	Beam	No Messages	0,039339	PMM	COMB6	250	No Messages	No Messages
1135	F48,3*3	Beam	No Messages	0,03903	PMM	COMB5	100	No Messages	No Messages
1074	F48,3*3	Beam	No Messages	0,038724	PMM	COMB5	0	No Messages	No Messages
1143	F48,3*3	Beam	No Messages	0,038036	PMM	COMB5	150	No Messages	No Messages
1134	F48,3*3	Beam	No Messages	0,037863	PMM	COMB5	150	No Messages	No Messages
1052	F48,3*3	Beam	No Messages	0,037338	PMM	COMB5	100	No Messages	No Messages
1054	F48,3*3	Beam	No Messages	0,037163	PMM	COMB5	150	No Messages	No Messages
237	F48,3*3	Beam	No Messages	0,03712	PMM	COMB7	250	No Messages	No Messages
1049	F48,3*3	Beam	No Messages	0,036985	PMM	COMB5	100	No Messages	No Messages
447	F48,3*3	Beam	No Messages	0,036849	PMM	COMB7	250	No Messages	No Messages
1122	F48,3*3	Beam	No Messages	0,036849	PMM	COMB6	0	No Messages	No Messages
759	F48,3*3	Beam	No Messages	0,036715	PMM	COMB7	0	No Messages	No Messages
1248	F48,3*3	Beam	No Messages	0,036621	PMM	COMB5	150	No Messages	No Messages
1047	F48,3*3	Beam	No Messages	0,036564	PMM	COMB5	100	No Messages	No Messages
1056	F48,3*3	Beam	No Messages	0,036557	PMM	COMB5	100	No Messages	No Messages
930	F48,3*3	Beam	No Messages	0,036512	PMM	COMB5	100	No Messages	No Messages
929	F48,3*3	Beam	No Messages	0,03649	PMM	COMB5	100	No Messages	No Messages
657	F48,3*3	Beam	No Messages	0,036481	PMM	COMB7	250	No Messages	No Messages
931	F48,3*3	Beam	No Messages	0,036473	PMM	COMB5	100	No Messages	No Messages
932	F48,3*3	Beam	No Messages	0,036353	PMM	COMB5	150	No Messages	No Messages
1239	F48,3*3	Beam	No Messages	0,036334	PMM	COMB5	150	No Messages	No Messages
969	F48,3*3	Beam	No Messages	0,036316	PMM	COMB7	0	No Messages	No Messages
928	F48,3*3	Beam	No Messages	0,036291	PMM	COMB5	100	No Messages	No Messages
721	F48,3*3	Beam	No Messages	0,036278	PMM	COMB5	150	No Messages	No Messages
720	F48,3*3	Beam	No Messages	0,036272	PMM	COMB5	100	No Messages	No Messages
719	F48,3*3	Beam	No Messages	0,036221	PMM	COMB5	100	No Messages	No Messages
722	F48,3*3	Beam	No Messages	0,036188	PMM	COMB5	100	No Messages	No Messages
1247	F48,3*3	Beam	No Messages	0,036184	PMM	COMB5	150	No Messages	No Messages
927	F48,3*3	Beam	No Messages	0,036153	PMM	COMB5	100	No Messages	No Messages
1159	F48,3*3	Beam	No Messages	0,036133	PMM	COMB5	150	No Messages	No Messages
1161	F48,3*3	Beam	No Messages	0,036112	PMM	COMB5	150	No Messages	No Messages
1157	F48,3*3	Beam	No Messages	0,036033	PMM	COMB5	150	No Messages	No Messages
926	F48,3*3	Beam	No Messages	0,03603	PMM	COMB5	100	No Messages	No Messages
718	F48,3*3	Beam	No Messages	0,03603	PMM	COMB5	100	No Messages	No Messages
1163	F48,3*3	Beam	No Messages	0,035971	PMM	COMB5	100	No Messages	No Messages
1154	F48,3*3	Beam	No Messages	0,035942	PMM	COMB5	150	No Messages	No Messages
717	F48,3*3	Beam	No Messages	0,035909	PMM	COMB5	100	No Messages	No Messages
1045	F48,3*3	Beam	No Messages	0,03588	PMM	COMB5	100	No Messages	No Messages
716	F48,3*3	Beam	No Messages	0,03583	PMM	COMB5	100	No Messages	No Messages
1152	F48,3*3	Beam	No Messages	0,035825	PMM	COMB5	150	No Messages	No Messages
925	F48,3*3	Beam	No Messages	0,035749	PMM	COMB5	150	No Messages	No Messages
1150	F48,3*3	Beam	No Messages	0,035714	PMM	COMB5	150	No Messages	No Messages
933	F48,3*3	Beam	No Messages	0,035681	PMM	COMB5	150	No Messages	No Messages
715	F48,3*3	Beam	No Messages	0,035615	PMM	COMB5	100	No Messages	No Messages
1148	F48,3*3	Beam	No Messages	0,035548	PMM	COMB5	150	No Messages	No Messages
1058	F48,3*3	Beam	No Messages	0,035546	PMM	COMB5	150	No Messages	No Messages
1037	F48,3*3	Beam	No Messages	0,035537	PMM	COMB5	100	No Messages	No Messages
1165	F48,3*3	Beam	No Messages	0,03552	PMM	COMB5	150	No Messages	No Messages
1036	F48,3*3	Beam	No Messages	0,035479	PMM	COMB5	150	No Messages	No Messages
1115	F48,3*3	Beam	No Messages	0,035464	PMM	COMB6	250	No Messages	No Messages
723	F48,3*3	Beam	No Messages	0,035456	PMM	COMB5	100	No Messages	No Messages
867	F48,3*3	Beam	No Messages	0,035453	PMM	COMB7	250	No Messages	No Messages
1031	F48,3*3	Beam	No Messages	0,035424	PMM	COMB5	150	No Messages	No Messages
1032	F48,3*3	Beam	No Messages	0,035381	PMM	COMB5	150	No Messages	No Messages
1035	F48,3*3	Beam	No Messages	0,035357	PMM	COMB5	150	No Messages	No Messages
1033	F48,3*3	Beam	No Messages	0,035355	PMM	COMB5	100	No Messages	No Messages
1146	F48,3*3	Beam	No Messages	0,035331	PMM	COMB5	150	No Messages	No Messages
509	F48,3*3	Beam	No Messages	0,035317	PMM	COMB5	150	No Messages	No Messages
924	F48,3*3	Beam	No Messages	0,035292	PMM	COMB5	150	No Messages	No Messages
1030	F48,3*3	Beam	No Messages	0,035272	PMM	COMB5	150	No Messages	No Messages
1034	F48,3*3	Beam	No Messages	0,035269	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
510	F48,3*3	Beam	No Messages	0,035233	PMM	COMB5	100	No Messages	No Messages
977	F48,3*3	Beam	No Messages	0,035176	PMM	COMB3	250	No Messages	No Messages
511	F48,3*3	Beam	No Messages	0,035153	PMM	COMB5	100	No Messages	No Messages
1243	F48,3*3	Beam	No Messages	0,035152	PMM	COMB5	150	No Messages	No Messages
714	F48,3*3	Beam	No Messages	0,035139	PMM	COMB5	150	No Messages	No Messages
508	F48,3*3	Beam	No Messages	0,035138	PMM	COMB5	100	No Messages	No Messages
1270	F48,3*3	Beam	No Messages	0,035138	PMM	COMB5	150	No Messages	No Messages
1244	F48,3*3	Beam	No Messages	0,035134	PMM	COMB5	150	No Messages	No Messages
1038	F48,3*3	Beam	No Messages	0,035106	PMM	COMB5	100	No Messages	No Messages
1240	F48,3*3	Beam	No Messages	0,0351	PMM	COMB5	150	No Messages	No Messages
1043	F48,3*3	Beam	No Messages	0,035068	PMM	COMB5	100	No Messages	No Messages
507	F48,3*3	Beam	No Messages	0,035054	PMM	COMB5	100	No Messages	No Messages
1242	F48,3*3	Beam	No Messages	0,035048	PMM	COMB5	150	No Messages	No Messages
1268	F48,3*3	Beam	No Messages	0,035048	PMM	COMB5	150	No Messages	No Messages
512	F48,3*3	Beam	No Messages	0,035034	PMM	COMB5	150	No Messages	No Messages
1251	F48,3*3	Beam	No Messages	0,034995	PMM	COMB5	150	No Messages	No Messages
506	F48,3*3	Beam	No Messages	0,034973	PMM	COMB5	150	No Messages	No Messages
1029	F48,3*3	Beam	No Messages	0,034968	PMM	COMB5	150	No Messages	No Messages
1245	F48,3*3	Beam	No Messages	0,034899	PMM	COMB5	150	No Messages	No Messages
299	F48,3*3	Beam	No Messages	0,03487	PMM	COMB5	150	No Messages	No Messages
1253	F48,3*3	Beam	No Messages	0,034867	PMM	COMB5	150	No Messages	No Messages
827	F48,3*3	Beam	No Messages	0,034861	PMM	COMB5	100	No Messages	No Messages
828	F48,3*3	Beam	No Messages	0,034856	PMM	COMB5	100	No Messages	No Messages
1266	F48,3*3	Beam	No Messages	0,034849	PMM	COMB5	150	No Messages	No Messages
300	F48,3*3	Beam	No Messages	0,034832	PMM	COMB5	100	No Messages	No Messages
1255	F48,3*3	Beam	No Messages	0,034823	PMM	COMB5	150	No Messages	No Messages
1241	F48,3*3	Beam	No Messages	0,0348	PMM	COMB5	150	No Messages	No Messages
301	F48,3*3	Beam	No Messages	0,034793	PMM	COMB5	100	No Messages	No Messages
1264	F48,3*3	Beam	No Messages	0,034776	PMM	COMB5	150	No Messages	No Messages
1246	F48,3*3	Beam	No Messages	0,034764	PMM	COMB5	150	No Messages	No Messages
505	F48,3*3	Beam	No Messages	0,034758	PMM	COMB5	150	No Messages	No Messages
1262	F48,3*3	Beam	No Messages	0,034751	PMM	COMB5	150	No Messages	No Messages
1257	F48,3*3	Beam	No Messages	0,034742	PMM	COMB5	150	No Messages	No Messages
1259	F48,3*3	Beam	No Messages	0,034728	PMM	COMB5	150	No Messages	No Messages
302	F48,3*3	Beam	No Messages	0,034704	PMM	COMB5	100	No Messages	No Messages
298	F48,3*3	Beam	No Messages	0,034672	PMM	COMB5	150	No Messages	No Messages
617	F48,3*3	Beam	No Messages	0,03465	PMM	COMB5	150	No Messages	No Messages
297	F48,3*3	Beam	No Messages	0,034624	PMM	COMB5	100	No Messages	No Messages
296	F48,3*3	Beam	No Messages	0,034603	PMM	COMB5	100	No Messages	No Messages
1060	F48,3*3	Beam	No Messages	0,034599	PMM	COMB5	150	No Messages	No Messages
549	F48,3*3	Beam	No Messages	0,034594	PMM	COMB7	0	No Messages	No Messages
616	F48,3*3	Beam	No Messages	0,034593	PMM	COMB5	100	No Messages	No Messages
819	F48,3*3	Beam	No Messages	0,034559	PMM	COMB5	150	No Messages	No Messages
614	F48,3*3	Beam	No Messages	0,034514	PMM	COMB5	100	No Messages	No Messages
513	F48,3*3	Beam	No Messages	0,034508	PMM	COMB5	100	No Messages	No Messages
295	F48,3*3	Beam	No Messages	0,034474	PMM	COMB5	100	No Messages	No Messages
615	F48,3*3	Beam	No Messages	0,034462	PMM	COMB5	100	No Messages	No Messages
613	F48,3*3	Beam	No Messages	0,034368	PMM	COMB5	100	No Messages	No Messages
953	F48,3*3	Beam	No Messages	0,034367	PMM	COMB5	150	No Messages	No Messages
611	F48,3*3	Beam	No Messages	0,034342	PMM	COMB5	150	No Messages	No Messages
951	F48,3*3	Beam	No Messages	0,034336	PMM	COMB5	150	No Messages	No Messages
955	F48,3*3	Beam	No Messages	0,034319	PMM	COMB5	150	No Messages	No Messages
504	F48,3*3	Beam	No Messages	0,034315	PMM	COMB5	100	No Messages	No Messages
949	F48,3*3	Beam	No Messages	0,034313	PMM	COMB5	150	No Messages	No Messages
612	F48,3*3	Beam	No Messages	0,034309	PMM	COMB5	100	No Messages	No Messages
947	F48,3*3	Beam	No Messages	0,034293	PMM	COMB5	150	No Messages	No Messages
940	F48,3*3	Beam	No Messages	0,034267	PMM	COMB5	150	No Messages	No Messages
944	F48,3*3	Beam	No Messages	0,034267	PMM	COMB5	150	No Messages	No Messages
741	F48,3*3	Beam	No Messages	0,034264	PMM	COMB5	150	No Messages	No Messages
942	F48,3*3	Beam	No Messages	0,034259	PMM	COMB5	150	No Messages	No Messages
739	F48,3*3	Beam	No Messages	0,034257	PMM	COMB5	150	No Messages	No Messages
610	F48,3*3	Beam	No Messages	0,034252	PMM	COMB5	150	No Messages	No Messages
938	F48,3*3	Beam	No Messages	0,034248	PMM	COMB5	150	No Messages	No Messages
743	F48,3*3	Beam	No Messages	0,034245	PMM	COMB5	150	No Messages	No Messages
618	F48,3*3	Beam	No Messages	0,034245	PMM	COMB5	100	No Messages	No Messages
737	F48,3*3	Beam	No Messages	0,034237	PMM	COMB5	150	No Messages	No Messages
936	F48,3*3	Beam	No Messages	0,034236	PMM	COMB5	150	No Messages	No Messages
820	F48,3*3	Beam	No Messages	0,034235	PMM	COMB5	100	No Messages	No Messages
839	F48,3*3	Beam	No Messages	0,034219	PMM	COMB5	100	No Messages	No Messages
734	F48,3*3	Beam	No Messages	0,034203	PMM	COMB5	150	No Messages	No Messages
1041	F48,3*3	Beam	No Messages	0,034198	PMM	COMB5	100	No Messages	No Messages
303	F48,3*3	Beam	No Messages	0,034181	PMM	COMB5	100	No Messages	No Messages
732	F48,3*3	Beam	No Messages	0,034174	PMM	COMB5	150	No Messages	No Messages
826	F48,3*3	Beam	No Messages	0,034166	PMM	COMB5	100	No Messages	No Messages
1186	F48,3*3	Beam	No Messages	0,03416	PMM	COMB6	0	No Messages	No Messages
730	F48,3*3	Beam	No Messages	0,034156	PMM	COMB5	150	No Messages	No Messages
837	F48,3*3	Beam	No Messages	0,034153	PMM	COMB5	100	No Messages	No Messages
842	F48,3*3	Beam	No Messages	0,034126	PMM	COMB5	100	No Messages	No Messages
728	F48,3*3	Beam	No Messages	0,034097	PMM	COMB5	150	No Messages	No Messages
294	F48,3*3	Beam	No Messages	0,034076	PMM	COMB5	100	No Messages	No Messages
745	F48,3*3	Beam	No Messages	0,034065	PMM	COMB5	150	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
844	F48,3*3	Beam	No Messages	0,034006	PMM	COMB5	100	No Messages	No Messages
726	F48,3*3	Beam	No Messages	0,033983	PMM	COMB5	150	No Messages	No Messages
835	F48,3*3	Beam	No Messages	0,033912	PMM	COMB5	100	No Messages	No Messages
609	F48,3*3	Beam	No Messages	0,033891	PMM	COMB5	100	No Messages	No Messages
846	F48,3*3	Beam	No Messages	0,033753	PMM	COMB5	100	No Messages	No Messages
821	F48,3*3	Beam	No Messages	0,033737	PMM	COMB5	100	No Messages	No Messages
850	F48,3*3	Beam	No Messages	0,033737	PMM	COMB5	150	No Messages	No Messages
823	F48,3*3	Beam	No Messages	0,03373	PMM	COMB5	150	No Messages	No Messages
89	F48,3*3	Beam	No Messages	0,033696	PMM	COMB5	150	No Messages	No Messages
824	F48,3*3	Beam	No Messages	0,033696	PMM	COMB5	150	No Messages	No Messages
822	F48,3*3	Beam	No Messages	0,033691	PMM	COMB5	150	No Messages	No Messages
831	F48,3*3	Beam	No Messages	0,033683	PMM	COMB5	150	No Messages	No Messages
848	F48,3*3	Beam	No Messages	0,033681	PMM	COMB5	150	No Messages	No Messages
408	F48,3*3	Beam	No Messages	0,033641	PMM	COMB5	100	No Messages	No Messages
833	F48,3*3	Beam	No Messages	0,033636	PMM	COMB5	100	No Messages	No Messages
825	F48,3*3	Beam	No Messages	0,033607	PMM	COMB5	100	No Messages	No Messages
90	F48,3*3	Beam	No Messages	0,033523	PMM	COMB5	150	No Messages	No Messages
399	F48,3*3	Beam	No Messages	0,03349	PMM	COMB5	100	No Messages	No Messages
86	F48,3*3	Beam	No Messages	0,033489	PMM	COMB5	150	No Messages	No Messages
407	F48,3*3	Beam	No Messages	0,033482	PMM	COMB5	100	No Messages	No Messages
85	F48,3*3	Beam	No Messages	0,033475	PMM	COMB5	150	No Messages	No Messages
91	F48,3*3	Beam	No Messages	0,033446	PMM	COMB5	150	No Messages	No Messages
87	F48,3*3	Beam	No Messages	0,033445	PMM	COMB5	150	No Messages	No Messages
683	F48,3*3	Beam	No Messages	0,033437	PMM	COMB5	23	No Messages	No Messages
88	F48,3*3	Beam	No Messages	0,033432	PMM	COMB5	150	No Messages	No Messages
92	F48,3*3	Beam	No Messages	0,033409	PMM	COMB5	150	No Messages	No Messages
419	F48,3*3	Beam	No Messages	0,03339	PMM	COMB5	150	No Messages	No Messages
527	F48,3*3	Beam	No Messages	0,033381	PMM	COMB5	100	No Messages	No Messages
524	F48,3*3	Beam	No Messages	0,033375	PMM	COMB5	100	No Messages	No Messages
522	F48,3*3	Beam	No Messages	0,033371	PMM	COMB5	100	No Messages	No Messages
520	F48,3*3	Beam	No Messages	0,03337	PMM	COMB5	100	No Messages	No Messages
533	F48,3*3	Beam	No Messages	0,033361	PMM	COMB5	100	No Messages	No Messages
529	F48,3*3	Beam	No Messages	0,03335	PMM	COMB5	100	No Messages	No Messages
531	F48,3*3	Beam	No Messages	0,033349	PMM	COMB5	100	No Messages	No Messages
518	F48,3*3	Beam	No Messages	0,03334	PMM	COMB5	100	No Messages	No Messages
535	F48,3*3	Beam	No Messages	0,033318	PMM	COMB5	100	No Messages	No Messages
417	F48,3*3	Beam	No Messages	0,033317	PMM	COMB5	100	No Messages	No Messages
872	F48,3*3	Beam	No Messages	0,033309	PMM	COMB2	250	No Messages	No Messages
640	F48,3*3	Beam	No Messages	0,033299	PMM	COMB5	100	No Messages	No Messages
638	F48,3*3	Beam	No Messages	0,03329	PMM	COMB5	100	No Messages	No Messages
516	F48,3*3	Beam	No Messages	0,033288	PMM	COMB5	100	No Messages	No Messages
422	F48,3*3	Beam	No Messages	0,033276	PMM	COMB5	100	No Messages	No Messages
84	F48,3*3	Beam	No Messages	0,033256	PMM	COMB5	150	No Messages	No Messages
621	F48,3*3	Beam	No Messages	0,03324	PMM	COMB5	100	No Messages	No Messages
629	F48,3*3	Beam	No Messages	0,033234	PMM	COMB5	100	No Messages	No Messages
317	F48,3*3	Beam	No Messages	0,033216	PMM	COMB5	150	No Messages	No Messages
636	F48,3*3	Beam	No Messages	0,033211	PMM	COMB5	100	No Messages	No Messages
627	F48,3*3	Beam	No Messages	0,033204	PMM	COMB5	100	No Messages	No Messages
93	F48,3*3	Beam	No Messages	0,033204	PMM	COMB5	150	No Messages	No Messages
319	F48,3*3	Beam	No Messages	0,033203	PMM	COMB5	150	No Messages	No Messages
314	F48,3*3	Beam	No Messages	0,033199	PMM	COMB5	150	No Messages	No Messages
321	F48,3*3	Beam	No Messages	0,033199	PMM	COMB5	150	No Messages	No Messages
623	F48,3*3	Beam	No Messages	0,033197	PMM	COMB5	100	No Messages	No Messages
312	F48,3*3	Beam	No Messages	0,033181	PMM	COMB5	150	No Messages	No Messages
323	F48,3*3	Beam	No Messages	0,033176	PMM	COMB5	150	No Messages	No Messages
310	F48,3*3	Beam	No Messages	0,033164	PMM	COMB5	150	No Messages	No Messages
197	F48,3*3	Beam	No Messages	0,03316	PMM	COMB5	150	No Messages	No Messages
424	F48,3*3	Beam	No Messages	0,033155	PMM	COMB5	150	No Messages	No Messages
634	F48,3*3	Beam	No Messages	0,033154	PMM	COMB5	100	No Messages	No Messages
625	F48,3*3	Beam	No Messages	0,033147	PMM	COMB5	100	No Messages	No Messages
194	F48,3*3	Beam	No Messages	0,033141	PMM	COMB5	150	No Messages	No Messages
632	F48,3*3	Beam	No Messages	0,033123	PMM	COMB5	100	No Messages	No Messages
308	F48,3*3	Beam	No Messages	0,033113	PMM	COMB5	150	No Messages	No Messages
400	F48,3*3	Beam	No Messages	0,033106	PMM	COMB5	150	No Messages	No Messages
415	F48,3*3	Beam	No Messages	0,033069	PMM	COMB5	100	No Messages	No Messages
325	F48,3*3	Beam	No Messages	0,033035	PMM	COMB5	150	No Messages	No Messages
190	F48,3*3	Beam	No Messages	0,033024	PMM	COMB5	150	No Messages	No Messages
196	F48,3*3	Beam	No Messages	0,033022	PMM	COMB5	150	No Messages	No Messages
198	F48,3*3	Beam	No Messages	0,033011	PMM	COMB5	150	No Messages	No Messages
306	F48,3*3	Beam	No Messages	0,033005	PMM	COMB5	150	No Messages	No Messages
1184	F48,3*3	Beam	No Messages	0,032992	PMM	COMB6	250	No Messages	No Messages
193	F48,3*3	Beam	No Messages	0,032987	PMM	COMB5	150	No Messages	No Messages
191	F48,3*3	Beam	No Messages	0,032984	PMM	COMB5	150	No Messages	No Messages
192	F48,3*3	Beam	No Messages	0,032925	PMM	COMB5	100	No Messages	No Messages
426	F48,3*3	Beam	No Messages	0,032906	PMM	COMB5	100	No Messages	No Messages
555	F48,3*3	Beam	No Messages	0,032892	PMM	COMB7	250	No Messages	No Messages
195	F48,3*3	Beam	No Messages	0,03286	PMM	COMB5	150	No Messages	No Messages
189	F48,3*3	Beam	No Messages	0,032844	PMM	COMB5	150	No Messages	No Messages
403	F48,3*3	Beam	No Messages	0,032824	PMM	COMB5	150	No Messages	No Messages
404	F48,3*3	Beam	No Messages	0,032793	PMM	COMB5	150	No Messages	No Messages
406	F48,3*3	Beam	No Messages	0,032784	PMM	COMB5	100	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
402	F48,3*3	Beam	No Messages	0,032783	PMM	COMB5	150	No Messages	No Messages
413	F48,3*3	Beam	No Messages	0,032745	PMM	COMB5	150	No Messages	No Messages
405	F48,3*3	Beam	No Messages	0,032739	PMM	COMB5	150	No Messages	No Messages
430	F48,3*3	Beam	No Messages	0,032737	PMM	COMB5	150	No Messages	No Messages
411	F48,3*3	Beam	No Messages	0,032699	PMM	COMB5	150	No Messages	No Messages
428	F48,3*3	Beam	No Messages	0,032661	PMM	COMB5	150	No Messages	No Messages
401	F48,3*3	Beam	No Messages	0,032654	PMM	COMB5	150	No Messages	No Messages
1018	F48,3*3	Beam	No Messages	0,032617	PMM	COMB7	250	No Messages	No Messages
253	F48,3*3	Beam	No Messages	0,032561	PMM	COMB5	23	No Messages	No Messages
1185	F48,3*3	Beam	No Messages	0,032493	PMM	COMB6	0	No Messages	No Messages
27	F48,3*3	Beam	No Messages	0,032465	PMM	COMB7	250	No Messages	No Messages
209	F48,3*3	Beam	No Messages	0,032447	PMM	COMB5	150	No Messages	No Messages
207	F48,3*3	Beam	No Messages	0,032421	PMM	COMB5	150	No Messages	No Messages
100	F48,3*3	Beam	No Messages	0,032384	PMM	COMB5	150	No Messages	No Messages
102	F48,3*3	Beam	No Messages	0,032384	PMM	COMB5	150	No Messages	No Messages
104	F48,3*3	Beam	No Messages	0,032378	PMM	COMB5	150	No Messages	No Messages
98	F48,3*3	Beam	No Messages	0,032368	PMM	COMB5	150	No Messages	No Messages
107	F48,3*3	Beam	No Messages	0,032365	PMM	COMB5	150	No Messages	No Messages
96	F48,3*3	Beam	No Messages	0,032333	PMM	COMB5	150	No Messages	No Messages
220	F48,3*3	Beam	No Messages	0,032306	PMM	COMB5	150	No Messages	No Messages
975	F48,3*3	Beam	No Messages	0,032305	PMM	COMB7	0	No Messages	No Messages
115	F48,3*3	Beam	No Messages	0,032301	PMM	COMB5	150	No Messages	No Messages
135	F48,3*3	Beam	No Messages	0,0323	PMM	COMB7	0	No Messages	No Messages
113	F48,3*3	Beam	No Messages	0,032292	PMM	COMB5	150	No Messages	No Messages
109	F48,3*3	Beam	No Messages	0,032287	PMM	COMB5	150	No Messages	No Messages
212	F48,3*3	Beam	No Messages	0,032281	PMM	COMB5	150	No Messages	No Messages
111	F48,3*3	Beam	No Messages	0,032277	PMM	COMB5	150	No Messages	No Messages
218	F48,3*3	Beam	No Messages	0,032274	PMM	COMB5	150	No Messages	No Messages
201	F48,3*3	Beam	No Messages	0,032261	PMM	COMB5	150	No Messages	No Messages
205	F48,3*3	Beam	No Messages	0,032248	PMM	COMB5	150	No Messages	No Messages
767	F48,3*3	Beam	No Messages	0,032242	PMM	COMB2	250	No Messages	No Messages
216	F48,3*3	Beam	No Messages	0,032208	PMM	COMB5	150	No Messages	No Messages
203	F48,3*3	Beam	No Messages	0,032197	PMM	COMB5	150	No Messages	No Messages
214	F48,3*3	Beam	No Messages	0,032174	PMM	COMB5	150	No Messages	No Messages
1285	F48,3*3	Beam	No Messages	0,03207	PMM	COMB7	0	No Messages	No Messages
1123	F48,3*3	Beam	No Messages	0,03204	PMM	COMB6	250	No Messages	No Messages
1179	F48,3*3	Beam	No Messages	0,031871	PMM	COMB7	0	No Messages	No Messages
893	F48,3*3	Beam	No Messages	0,031603	PMM	COMB5	57	No Messages	No Messages
1288	F48,3*3	Beam	No Messages	0,031354	PMM	COMB7	0	No Messages	No Messages
339	F48,3*3	Beam	No Messages	0,031263	PMM	COMB7	0	No Messages	No Messages
1289	F48,3*3	Beam	No Messages	0,030635	PMM	COMB7	0	No Messages	No Messages
765	F48,3*3	Beam	No Messages	0,030618	PMM	COMB7	250	No Messages	No Messages
1114	F48,3*3	Beam	No Messages	0,030551	PMM	COMB6	0	No Messages	No Messages
1286	F48,3*3	Beam	No Messages	0,030441	PMM	COMB7	0	No Messages	No Messages
801	F48,3*3	Beam	No Messages	0,030313	PMM	COMB7	250	No Messages	No Messages
662	F48,3*3	Beam	No Messages	0,030214	PMM	COMB2	250	No Messages	No Messages
598	F48,3*3	Beam	No Messages	0,030007	PMM	COMB7	250	No Messages	No Messages
345	F48,3*3	Beam	No Messages	0,029973	PMM	COMB7	250	No Messages	No Messages
463	F48,3*3	Beam	No Messages	0,0299	PMM	COMB5	57	No Messages	No Messages
1073	F48,3*3	Beam	No Messages	0,029806	PMM	COMB5	0	No Messages	No Messages
1290	F48,3*3	Beam	No Messages	0,029675	PMM	COMB7	0	No Messages	No Messages
473	F48,3*3	Beam	No Messages	0,029667	PMM	COMB5	57	No Messages	No Messages
1291	F48,3*3	Beam	No Messages	0,029544	PMM	COMB7	0	No Messages	No Messages
805	F48,3*3	Beam	No Messages	0,02952	PMM	COMB7	250	No Messages	No Messages
758	F48,3*3	Beam	No Messages	0,029511	PMM	COMB5	250	No Messages	No Messages
23	F48,3*3	Beam	No Messages	0,029487	PMM	COMB7	250	No Messages	No Messages
807	F48,3*3	Beam	No Messages	0,029388	PMM	COMB7	0	No Messages	No Messages
803	F48,3*3	Beam	No Messages	0,029322	PMM	COMB7	250	No Messages	No Messages
1287	F48,3*3	Beam	No Messages	0,029153	PMM	COMB7	0	No Messages	No Messages
381	F48,3*3	Beam	No Messages	0,02899	PMM	COMB7	250	No Messages	No Messages
338	F48,3*3	Beam	No Messages	0,028916	PMM	COMB5	250	No Messages	No Messages
557	F48,3*3	Beam	No Messages	0,028871	PMM	COMB4	250	No Messages	No Messages
913	F48,3*3	Beam	No Messages	0,028823	PMM	COMB2	250	No Messages	No Messages
1292	F48,3*3	Beam	No Messages	0,028822	PMM	COMB3	250	No Messages	No Messages
1012	F48,3*3	Beam	No Messages	0,028811	PMM	COMB7	250	No Messages	No Messages
1016	F48,3*3	Beam	No Messages	0,028777	PMM	COMB7	250	No Messages	No Messages
1010	F48,3*3	Beam	No Messages	0,028763	PMM	COMB7	250	No Messages	No Messages
129	F48,3*3	Beam	No Messages	0,028678	PMM	COMB7	0	No Messages	No Messages
590	F48,3*3	Beam	No Messages	0,028657	PMM	COMB7	250	No Messages	No Messages
592	F48,3*3	Beam	No Messages	0,028631	PMM	COMB7	250	No Messages	No Messages
1227	F48,3*3	Beam	No Messages	0,028603	PMM	COMB7	0	No Messages	No Messages
596	F48,3*3	Beam	No Messages	0,028584	PMM	COMB7	250	No Messages	No Messages
1014	F48,3*3	Beam	No Messages	0,028566	PMM	COMB7	250	No Messages	No Messages
133	F48,3*3	Beam	No Messages	0,028443	PMM	COMB7	0	No Messages	No Messages
387	F48,3*3	Beam	No Messages	0,028427	PMM	COMB7	250	No Messages	No Messages
863	F48,3*3	Beam	No Messages	0,028415	PMM	COMB7	250	No Messages	No Messages
594	F48,3*3	Beam	No Messages	0,028369	PMM	COMB7	250	No Messages	No Messages
385	F48,3*3	Beam	No Messages	0,028325	PMM	COMB7	250	No Messages	No Messages
383	F48,3*3	Beam	No Messages	0,028218	PMM	COMB7	250	No Messages	No Messages
553	F48,3*3	Beam	No Messages	0,028183	PMM	COMB7	0	No Messages	No Messages
1221	F48,3*3	Beam	No Messages	0,027995	PMM	COMB7	0	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
763	F48,3*3	Beam	No Messages	0,027904	PMM	COMB7	0	No Messages	No Messages
28	F48,3*3	Beam	No Messages	0,027899	PMM	COMB7	250	No Messages	No Messages
973	F48,3*3	Beam	No Messages	0,027812	PMM	COMB7	0	No Messages	No Messages
868	F48,3*3	Beam	No Messages	0,027809	PMM	COMB7	250	No Messages	No Messages
1223	F48,3*3	Beam	No Messages	0,027801	PMM	COMB7	0	No Messages	No Messages
658	F48,3*3	Beam	No Messages	0,027714	PMM	COMB7	250	No Messages	No Messages
263	F48,3*3	Beam	No Messages	0,027663	PMM	COMB5	57	No Messages	No Messages
1225	F48,3*3	Beam	No Messages	0,027641	PMM	COMB7	0	No Messages	No Messages
653	F48,3*3	Beam	No Messages	0,027588	PMM	COMB7	250	No Messages	No Messages
448	F48,3*3	Beam	No Messages	0,027519	PMM	COMB7	250	No Messages	No Messages
238	F48,3*3	Beam	No Messages	0,027508	PMM	COMB7	250	No Messages	No Messages
343	F48,3*3	Beam	No Messages	0,027478	PMM	COMB7	0	No Messages	No Messages
170	F48,3*3	Beam	No Messages	0,02742	PMM	COMB7	250	No Messages	No Messages
1009	F48,3*3	Beam	No Messages	0,027321	PMM	COMB3	0	No Messages	No Messages
172	F48,3*3	Beam	No Messages	0,027294	PMM	COMB7	250	No Messages	No Messages
176	F48,3*3	Beam	No Messages	0,027275	PMM	COMB7	250	No Messages	No Messages
178	F48,3*3	Beam	No Messages	0,027218	PMM	COMB7	0	No Messages	No Messages
174	F48,3*3	Beam	No Messages	0,027074	PMM	COMB7	250	No Messages	No Messages
760	F48,3*3	Beam	No Messages	0,026938	PMM	COMB7	250	No Messages	No Messages
443	F48,3*3	Beam	No Messages	0,026845	PMM	COMB7	250	No Messages	No Messages
904	F48,3*3	Beam	No Messages	0,026813	PMM	COMB4	0	No Messages	No Messages
452	F48,3*3	Beam	No Messages	0,026709	PMM	COMB2	250	No Messages	No Messages
233	F48,3*3	Beam	No Messages	0,026516	PMM	COMB7	250	No Messages	No Messages
968	F48,3*3	Beam	No Messages	0,026488	PMM	COMB5	250	No Messages	No Messages
26	F48,3*3	Beam	No Messages	0,026361	PMM	COMB5	0	No Messages	No Messages
347	F48,3*3	Beam	No Messages	0,026306	PMM	COMB6	250	No Messages	No Messages
1180	F48,3*3	Beam	No Messages	0,026269	PMM	COMB6	250	No Messages	No Messages
654	F48,3*3	Beam	No Messages	0,026257	PMM	COMB2	0	No Messages	No Messages
864	F48,3*3	Beam	No Messages	0,026142	PMM	COMB2	0	No Messages	No Messages
703	F48,3*3	Beam	No Messages	0,026089	PMM	COMB2	250	No Messages	No Messages
1324	F48,3*3	Beam	No Messages	0,026056	PMM	COMB7	0	No Messages	No Messages
1332	F48,3*3	Beam	No Messages	0,025994	PMM	COMB7	0	No Messages	No Messages
446	F48,3*3	Beam	No Messages	0,025915	PMM	COMB5	0	No Messages	No Messages
64	F48,3*3	Beam	No Messages	0,025854	PMM	COMB7	250	No Messages	No Messages
236	F48,3*3	Beam	No Messages	0,025851	PMM	COMB5	0	No Messages	No Messages
1328	F48,3*3	Beam	No Messages	0,02576	PMM	COMB7	0	No Messages	No Messages
346	F48,3*3	Beam	No Messages	0,025697	PMM	COMB6	0	No Messages	No Messages
1331	F48,3*3	Beam	No Messages	0,025667	PMM	COMB7	0	No Messages	No Messages
29	F48,3*3	Beam	No Messages	0,02566	PMM	COMB7	250	No Messages	No Messages
1327	F48,3*3	Beam	No Messages	0,025644	PMM	COMB7	0	No Messages	No Messages
1330	F48,3*3	Beam	No Messages	0,025622	PMM	COMB7	0	No Messages	No Messages
444	F48,3*3	Beam	No Messages	0,025602	PMM	COMB2	0	No Messages	No Messages
1329	F48,3*3	Beam	No Messages	0,025571	PMM	COMB7	0	No Messages	No Messages
659	F48,3*3	Beam	No Messages	0,025524	PMM	COMB5	250	No Messages	No Messages
766	F48,3*3	Beam	No Messages	0,025519	PMM	COMB6	0	No Messages	No Messages
550	F48,3*3	Beam	No Messages	0,025515	PMM	COMB7	250	No Messages	No Messages
1326	F48,3*3	Beam	No Messages	0,025459	PMM	COMB7	0	No Messages	No Messages
136	F48,3*3	Beam	No Messages	0,025395	PMM	COMB7	0	No Messages	No Messages
656	F48,3*3	Beam	No Messages	0,025385	PMM	COMB5	0	No Messages	No Messages
24	F48,3*3	Beam	No Messages	0,025383	PMM	COMB7	250	No Messages	No Messages
869	F48,3*3	Beam	No Messages	0,025346	PMM	COMB5	250	No Messages	No Messages
866	F48,3*3	Beam	No Messages	0,025326	PMM	COMB5	0	No Messages	No Messages
970	F48,3*3	Beam	No Messages	0,02527	PMM	COMB7	250	No Messages	No Messages
1181	F48,3*3	Beam	No Messages	0,025246	PMM	COMB5	250	No Messages	No Messages
556	F48,3*3	Beam	No Messages	0,025233	PMM	COMB7	250	No Messages	No Messages
1325	F48,3*3	Beam	No Messages	0,025077	PMM	COMB7	0	No Messages	No Messages
1183	F48,3*3	Beam	No Messages	0,02501	PMM	COMB5	250	No Messages	No Messages
548	F48,3*3	Beam	No Messages	0,024915	PMM	COMB5	250	No Messages	No Messages
340	F48,3*3	Beam	No Messages	0,024894	PMM	COMB7	250	No Messages	No Messages
25	F48,3*3	Beam	No Messages	0,024869	PMM	COMB5	0	No Messages	No Messages
976	F48,3*3	Beam	No Messages	0,02486	PMM	COMB7	0	No Messages	No Messages
1333	F48,3*3	Beam	No Messages	0,024563	PMM	COMB2	250	No Messages	No Messages
449	F48,3*3	Beam	No Messages	0,024553	PMM	COMB5	250	No Messages	No Messages
30	F48,3*3	Beam	No Messages	0,024522	PMM	COMB7	250	No Messages	No Messages
694	F48,3*3	Beam	No Messages	0,024501	PMM	COMB4	0	No Messages	No Messages
1220	F48,3*3	Beam	No Messages	0,024459	PMM	COMB5	250	No Messages	No Messages
445	F48,3*3	Beam	No Messages	0,024366	PMM	COMB5	0	No Messages	No Messages
235	F48,3*3	Beam	No Messages	0,024361	PMM	COMB5	0	No Messages	No Messages
1182	F48,3*3	Beam	No Messages	0,024344	PMM	COMB6	0	No Messages	No Messages
234	F48,3*3	Beam	No Messages	0,024314	PMM	COMB2	0	No Messages	No Messages
972	F48,3*3	Beam	No Messages	0,024291	PMM	COMB5	0	No Messages	No Messages
32	F48,3*3	Beam	No Messages	0,024154	PMM	COMB3	0	No Messages	No Messages
660	F48,3*3	Beam	No Messages	0,024142	PMM	COMB5	0	No Messages	No Messages
870	F48,3*3	Beam	No Messages	0,024057	PMM	COMB5	0	No Messages	No Messages
65	F48,3*3	Beam	No Messages	0,02394	PMM	COMB7	250	No Messages	No Messages
31	F48,3*3	Beam	No Messages	0,023884	PMM	COMB7	250	No Messages	No Messages
66	F48,3*3	Beam	No Messages	0,023835	PMM	COMB7	250	No Messages	No Messages
698	F48,3*3	Beam	No Messages	0,02382	PMM	COMB6	0	No Messages	No Messages
865	F48,3*3	Beam	No Messages	0,023795	PMM	COMB5	0	No Messages	No Messages
655	F48,3*3	Beam	No Messages	0,023784	PMM	COMB5	0	No Messages	No Messages
871	F48,3*3	Beam	No Messages	0,023743	PMM	COMB7	0	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
700	F48,3*3	Beam	No Messages	0,023741	PMM	COMB6	250	No Messages	No Messages
450	F48,3*3	Beam	No Messages	0,023724	PMM	COMB5	0	No Messages	No Messages
73	F48,3*3	Beam	No Messages	0,02371	PMM	COMB6	0	No Messages	No Messages
699	F48,3*3	Beam	No Messages	0,023707	PMM	COMB6	0	No Messages	No Messages
128	F48,3*3	Beam	No Messages	0,023699	PMM	COMB7	250	No Messages	No Messages
239	F48,3*3	Beam	No Messages	0,023672	PMM	COMB5	250	No Messages	No Messages
552	F48,3*3	Beam	No Messages	0,023648	PMM	COMB7	250	No Messages	No Messages
908	F48,3*3	Beam	No Messages	0,023623	PMM	COMB6	0	No Messages	No Messages
697	F48,3*3	Beam	No Messages	0,023616	PMM	COMB6	0	No Messages	No Messages
342	F48,3*3	Beam	No Messages	0,023611	PMM	COMB7	250	No Messages	No Messages
67	F48,3*3	Beam	No Messages	0,023601	PMM	COMB6	0	No Messages	No Messages
910	F48,3*3	Beam	No Messages	0,023572	PMM	COMB6	250	No Messages	No Messages
762	F48,3*3	Beam	No Messages	0,023566	PMM	COMB7	250	No Messages	No Messages
132	F48,3*3	Beam	No Messages	0,023559	PMM	COMB7	0	No Messages	No Messages
71	F48,3*3	Beam	No Messages	0,023554	PMM	COMB6	0	No Messages	No Messages
488	F48,3*3	Beam	No Messages	0,023523	PMM	COMB6	0	No Messages	No Messages
909	F48,3*3	Beam	No Messages	0,023486	PMM	COMB6	0	No Messages	No Messages
72	F48,3*3	Beam	No Messages	0,023482	PMM	COMB7	250	No Messages	No Messages
490	F48,3*3	Beam	No Messages	0,023464	PMM	COMB6	250	No Messages	No Messages
907	F48,3*3	Beam	No Messages	0,023459	PMM	COMB6	0	No Messages	No Messages
70	F48,3*3	Beam	No Messages	0,023455	PMM	COMB6	0	No Messages	No Messages
806	F48,3*3	Beam	No Messages	0,023455	PMM	COMB7	250	No Messages	No Messages
701	F48,3*3	Beam	No Messages	0,023447	PMM	COMB6	0	No Messages	No Messages
489	F48,3*3	Beam	No Messages	0,023445	PMM	COMB6	0	No Messages	No Messages
487	F48,3*3	Beam	No Messages	0,023381	PMM	COMB6	0	No Messages	No Messages
68	F48,3*3	Beam	No Messages	0,023375	PMM	COMB6	0	No Messages	No Messages
911	F48,3*3	Beam	No Messages	0,023372	PMM	COMB6	0	No Messages	No Messages
1222	F48,3*3	Beam	No Messages	0,023341	PMM	COMB5	250	No Messages	No Messages
696	F48,3*3	Beam	No Messages	0,023335	PMM	COMB6	250	No Messages	No Messages
661	F48,3*3	Beam	No Messages	0,023326	PMM	COMB7	0	No Messages	No Messages
69	F48,3*3	Beam	No Messages	0,023322	PMM	COMB6	0	No Messages	No Messages
240	F48,3*3	Beam	No Messages	0,023246	PMM	COMB5	0	No Messages	No Messages
278	F48,3*3	Beam	No Messages	0,023242	PMM	COMB6	0	No Messages	No Messages
802	F48,3*3	Beam	No Messages	0,023237	PMM	COMB7	250	No Messages	No Messages
906	F48,3*3	Beam	No Messages	0,023233	PMM	COMB6	0	No Messages	No Messages
491	F48,3*3	Beam	No Messages	0,023204	PMM	COMB6	0	No Messages	No Messages
279	F48,3*3	Beam	No Messages	0,023186	PMM	COMB6	0	No Messages	No Messages
493	F48,3*3	Beam	No Messages	0,023173	PMM	COMB2	250	No Messages	No Messages
277	F48,3*3	Beam	No Messages	0,023159	PMM	COMB6	0	No Messages	No Messages
280	F48,3*3	Beam	No Messages	0,023142	PMM	COMB6	250	No Messages	No Messages
486	F48,3*3	Beam	No Messages	0,023132	PMM	COMB6	250	No Messages	No Messages
451	F48,3*3	Beam	No Messages	0,023087	PMM	COMB7	0	No Messages	No Messages
1226	F48,3*3	Beam	No Messages	0,023045	PMM	COMB7	0	No Messages	No Messages
1017	F48,3*3	Beam	No Messages	0,023015	PMM	COMB7	0	No Messages	No Messages
386	F48,3*3	Beam	No Messages	0,023006	PMM	COMB7	250	No Messages	No Messages
912	F48,3*3	Beam	No Messages	0,022994	PMM	COMB6	0	No Messages	No Messages
589	F48,3*3	Beam	No Messages	0,022944	PMM	COMB4	0	No Messages	No Messages
281	F48,3*3	Beam	No Messages	0,022933	PMM	COMB6	0	No Messages	No Messages
591	F48,3*3	Beam	No Messages	0,022913	PMM	COMB7	250	No Messages	No Messages
276	F48,3*3	Beam	No Messages	0,022903	PMM	COMB6	0	No Messages	No Messages
804	F48,3*3	Beam	No Messages	0,022894	PMM	COMB7	250	No Messages	No Messages
702	F48,3*3	Beam	No Messages	0,02288	PMM	COMB6	0	No Messages	No Messages
800	F48,3*3	Beam	No Messages	0,022876	PMM	COMB7	250	No Messages	No Messages
1224	F48,3*3	Beam	No Messages	0,022828	PMM	COMB7	0	No Messages	No Messages
382	F48,3*3	Beam	No Messages	0,022825	PMM	COMB7	250	No Messages	No Messages
1011	F48,3*3	Beam	No Messages	0,022799	PMM	COMB7	250	No Messages	No Messages
761	F48,3*3	Beam	No Messages	0,022781	PMM	COMB7	250	No Messages	No Messages
595	F48,3*3	Beam	No Messages	0,02275	PMM	COMB7	250	No Messages	No Messages
242	F48,3*3	Beam	No Messages	0,022715	PMM	COMB2	250	No Messages	No Messages
593	F48,3*3	Beam	No Messages	0,022708	PMM	COMB7	250	No Messages	No Messages
169	F48,3*3	Beam	No Messages	0,022689	PMM	COMB7	250	No Messages	No Messages
341	F48,3*3	Beam	No Messages	0,022675	PMM	COMB7	250	No Messages	No Messages
1015	F48,3*3	Beam	No Messages	0,022648	PMM	COMB7	250	No Messages	No Messages
1013	F48,3*3	Beam	No Messages	0,022634	PMM	COMB7	0	No Messages	No Messages
551	F48,3*3	Beam	No Messages	0,022614	PMM	COMB7	250	No Messages	No Messages
241	F48,3*3	Beam	No Messages	0,022611	PMM	COMB7	0	No Messages	No Messages
380	F48,3*3	Beam	No Messages	0,022606	PMM	COMB7	250	No Messages	No Messages
492	F48,3*3	Beam	No Messages	0,022559	PMM	COMB6	0	No Messages	No Messages
905	F48,3*3	Beam	No Messages	0,022517	PMM	COMB6	0	No Messages	No Messages
384	F48,3*3	Beam	No Messages	0,022513	PMM	COMB7	250	No Messages	No Messages
695	F48,3*3	Beam	No Messages	0,0225	PMM	COMB6	0	No Messages	No Messages
130	F48,3*3	Beam	No Messages	0,022457	PMM	COMB7	250	No Messages	No Messages
485	F48,3*3	Beam	No Messages	0,022456	PMM	COMB6	0	No Messages	No Messages
597	F48,3*3	Beam	No Messages	0,02241	PMM	COMB7	0	No Messages	No Messages
971	F48,3*3	Beam	No Messages	0,022396	PMM	COMB7	250	No Messages	No Messages
275	F48,3*3	Beam	No Messages	0,022381	PMM	COMB6	0	No Messages	No Messages
177	F48,3*3	Beam	No Messages	0,022369	PMM	COMB7	250	No Messages	No Messages
171	F48,3*3	Beam	No Messages	0,022263	PMM	COMB7	250	No Messages	No Messages
282	F48,3*3	Beam	No Messages	0,02221	PMM	COMB6	0	No Messages	No Messages
131	F48,3*3	Beam	No Messages	0,022201	PMM	COMB7	250	No Messages	No Messages
173	F48,3*3	Beam	No Messages	0,022158	PMM	COMB7	250	No Messages	No Messages

TABLE: Steel Design 1 - Summary Data - EUROCODE 3-1993									
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
175	F48,3*3	Beam	No Messages	0,022101	PMM	COMB7	0	No Messages	No Messages
484	F48,3*3	Beam	No Messages	0,0221	PMM	COMB4	0	No Messages	No Messages
137	F48,3*3	Beam	No Messages	0,021757	PMM	COMB5	250	No Messages	No Messages
274	F48,3*3	Beam	No Messages	0,020782	PMM	COMB7	250	No Messages	No Messages
283	F48,3*3	Beam	No Messages	0,02003	PMM	COMB6	0	No Messages	No Messages