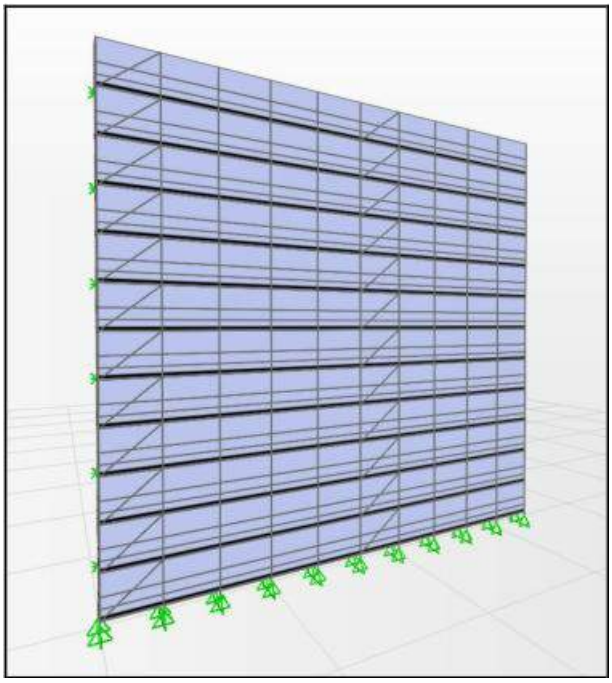
YARI GEÇİRİMLİ FİLE KAPLAMALI *FLANŞLI*

GÜVENLİ DIŞ CEPHE İSKELESİ STATİK HESAP RAPORU



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

KASIM 2019

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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, yarı geçirimli file kaplamalı olduğu ve 25,0m *24m boyutlarında olmak üzere 10 açıklıklı ve 12 katlı olarak kurulduğu varsayılarak yapılmıştır.

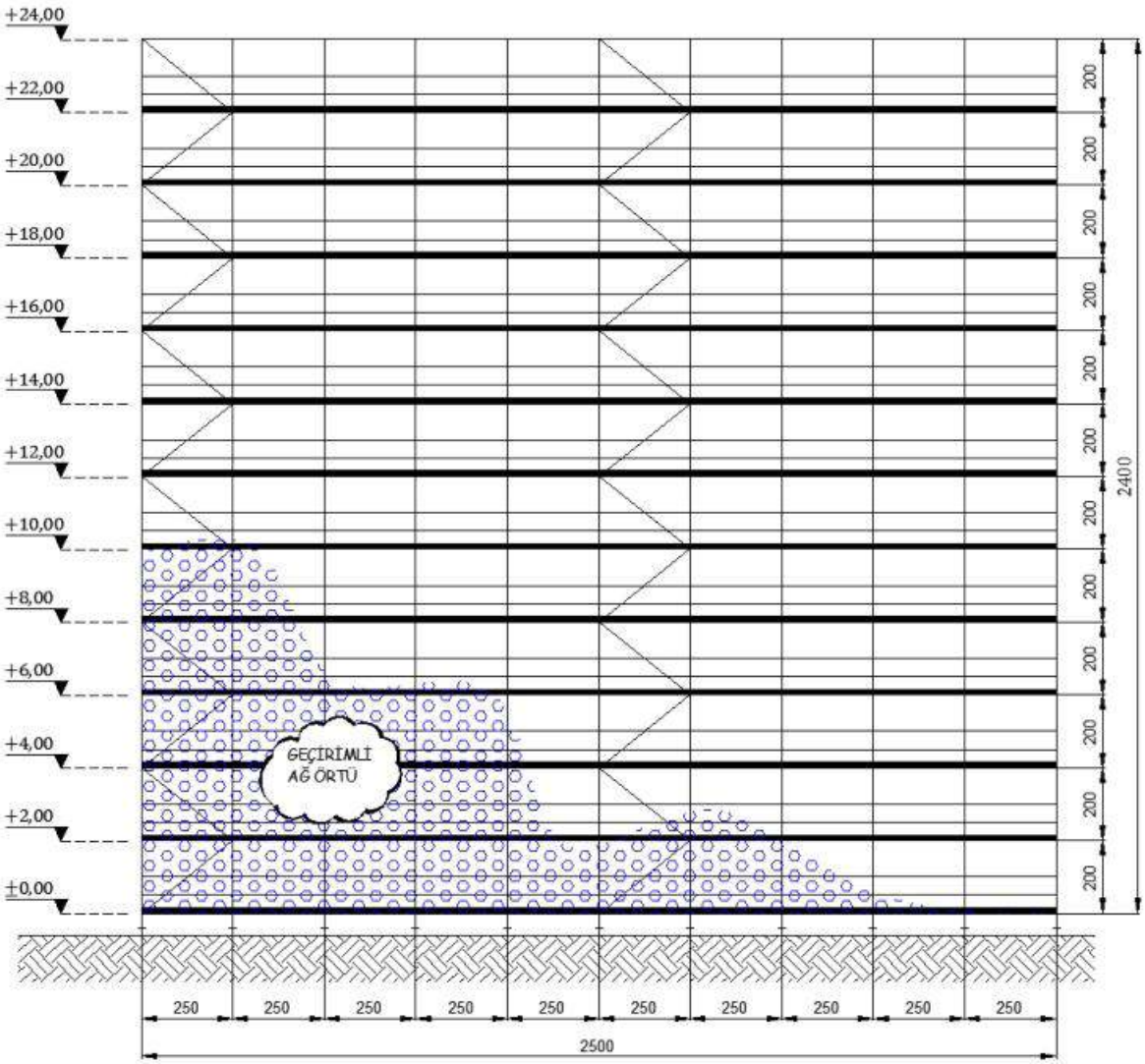
İskele ana taşıyıcı sistemini oluşturan dikmeler Ø48*3 mm lik borudan imal edilmiştir. Dikme boyları 2m' dir. Alt-üst komşu dikme elemanları 15cm içiçe geçirilerek birleştirilir. İskele stabilitesini sağlayan, açıklıklara göre maks. boyu 3,41m olan çapraz bağlantılar Ø48*3,0 mm lik borudan imal edilmiştir. 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

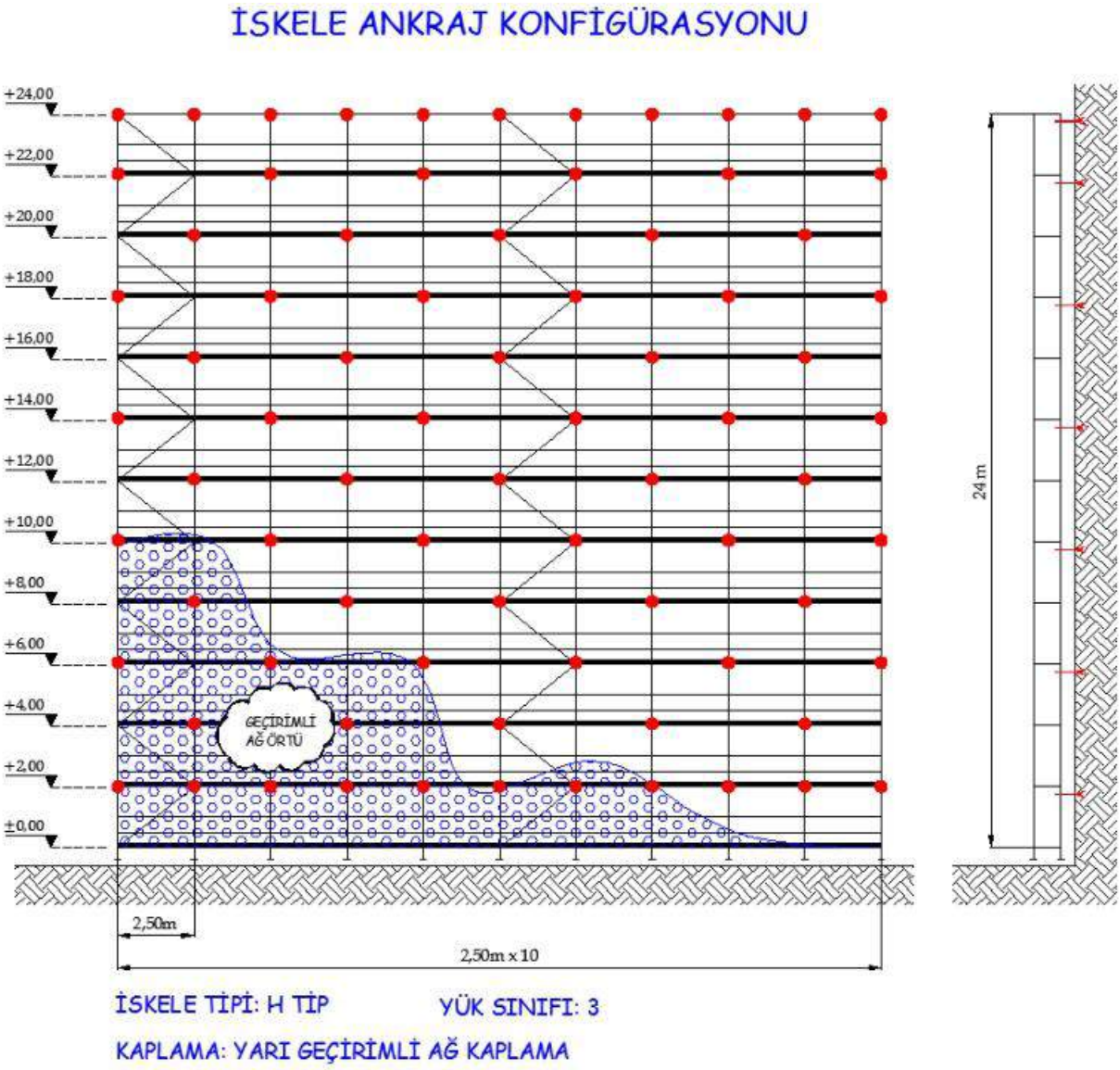
Hesapta TS-EN12810-1, TS-EN12810-2, TS-EN12811-1, TS-EN12811-2 ve TS-EN12811-3 standartlarından yararlanılmıştır.

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 3 boyutlu görünümü, Şekil 3.2 de iskele genel ölçüleri yer almaktadır.



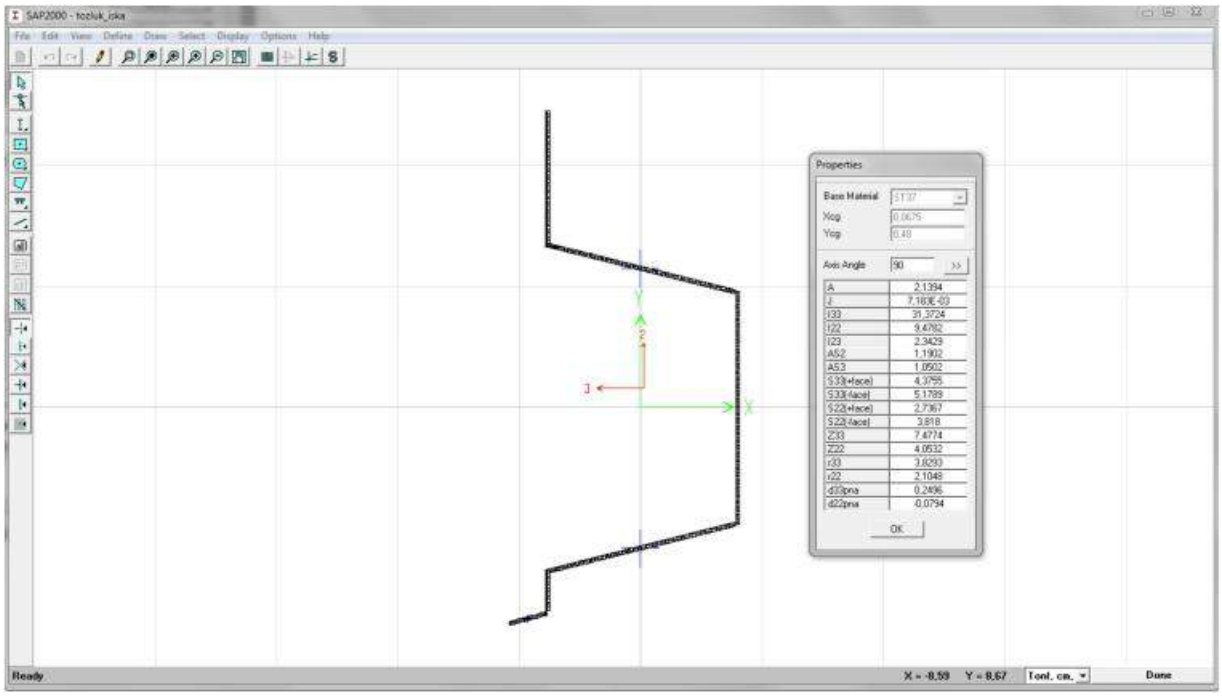
Şekil 3.1 : 25.0m metrelik cephe görünümü



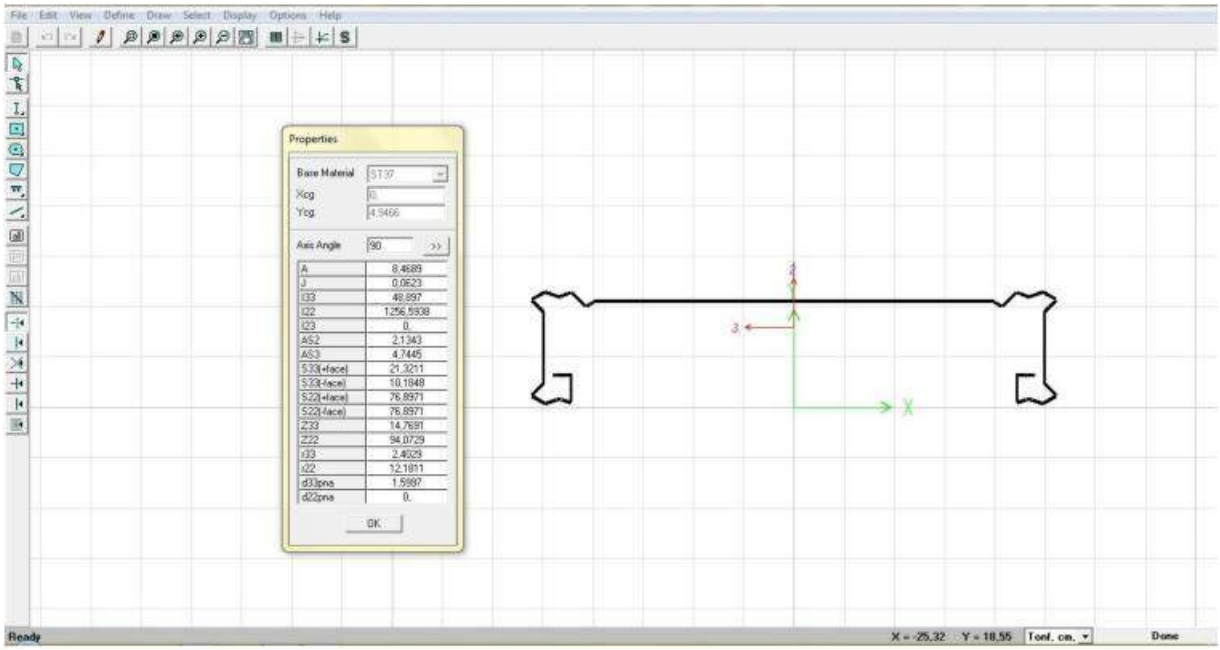
Şekil 3.2 : Ankraj Konfigürasyonu

4. MODELDE KULLANILAN KESİTLER VE STATİK ÖZELLİKLERİ

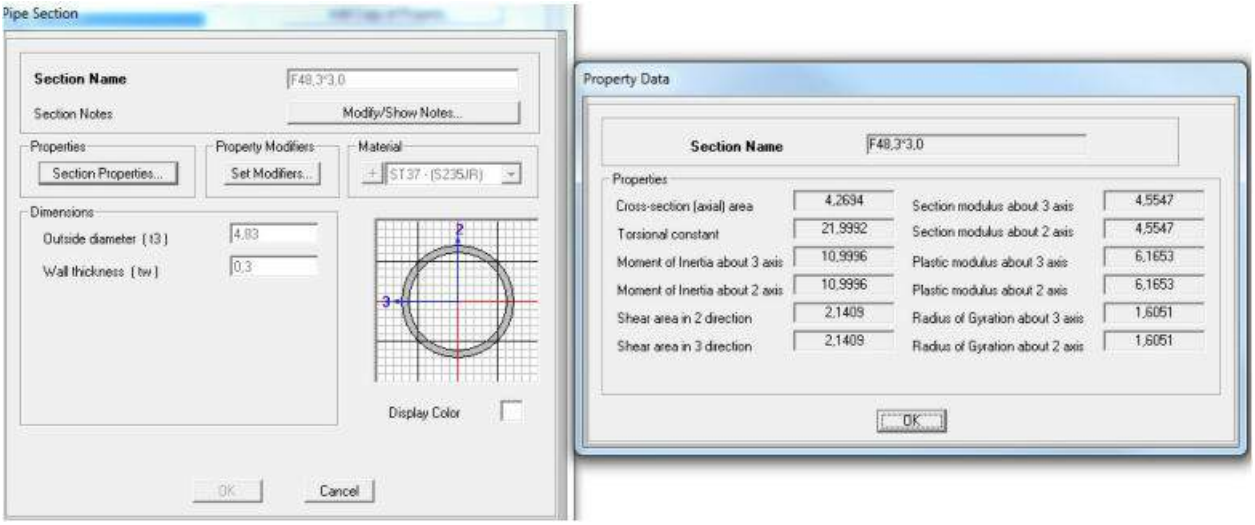
Aşağıda, alt başlıklar altında, analizde kullanılan iskele elemanlarının kesit boyutları ve mekanik özellikleri verilmiştir.



Şekil 4.1: Tozluk kesiti ve statik özellikleri



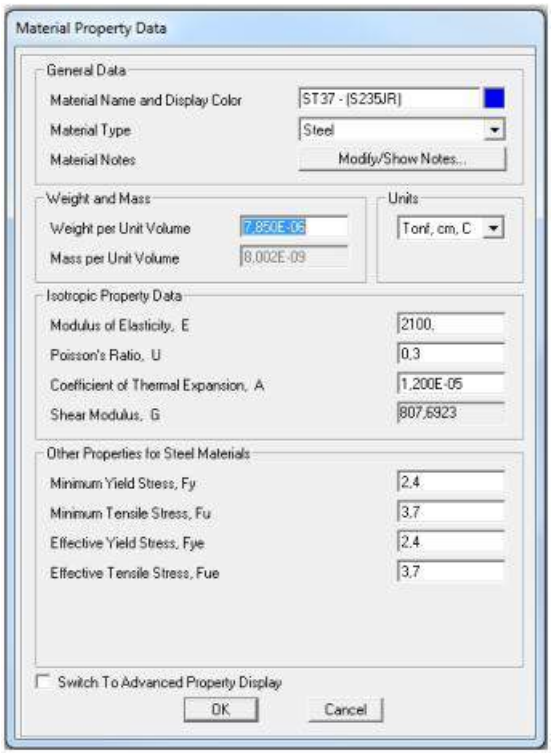
Şekil 4.2: Kalas kesiti ve statik özellikleri



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

5. MODELDE KULLANILAN MALZEMELERİN MEKANİK ÖZELLİKLERİ

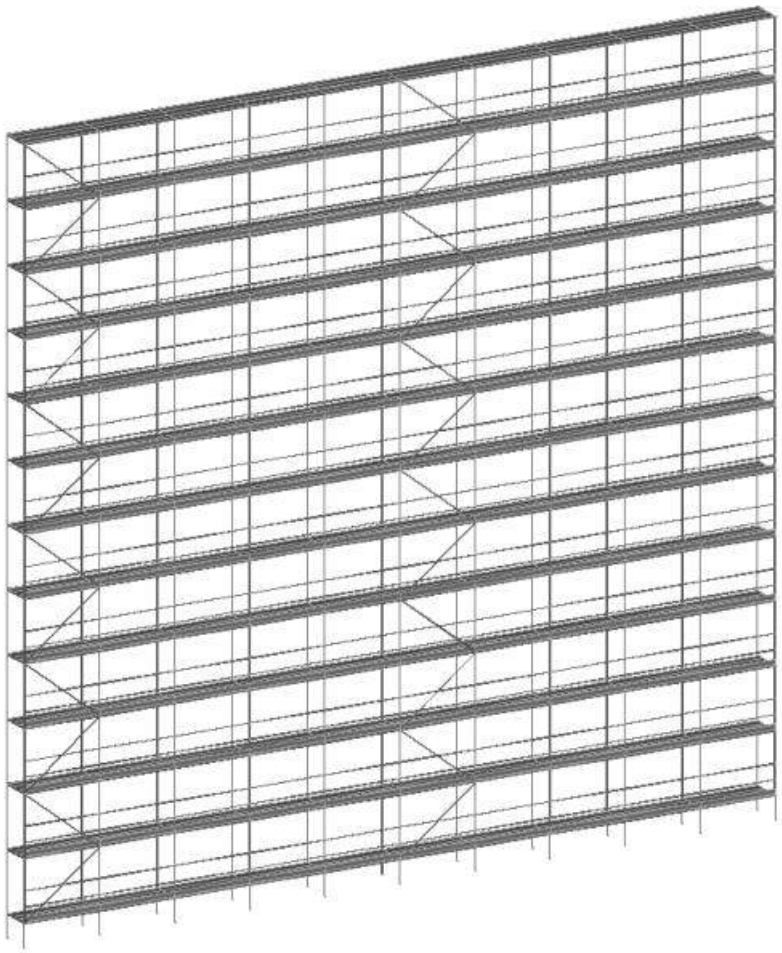
Yukarıda kesit ölçüleri ve statik özellikleri verilen iskele elemanlarında St37 (S235JR) çelik kalitesi kullanılmıştır. Malzemenin mekanik özellikleri Şekil 5-1' de verilmiştir.



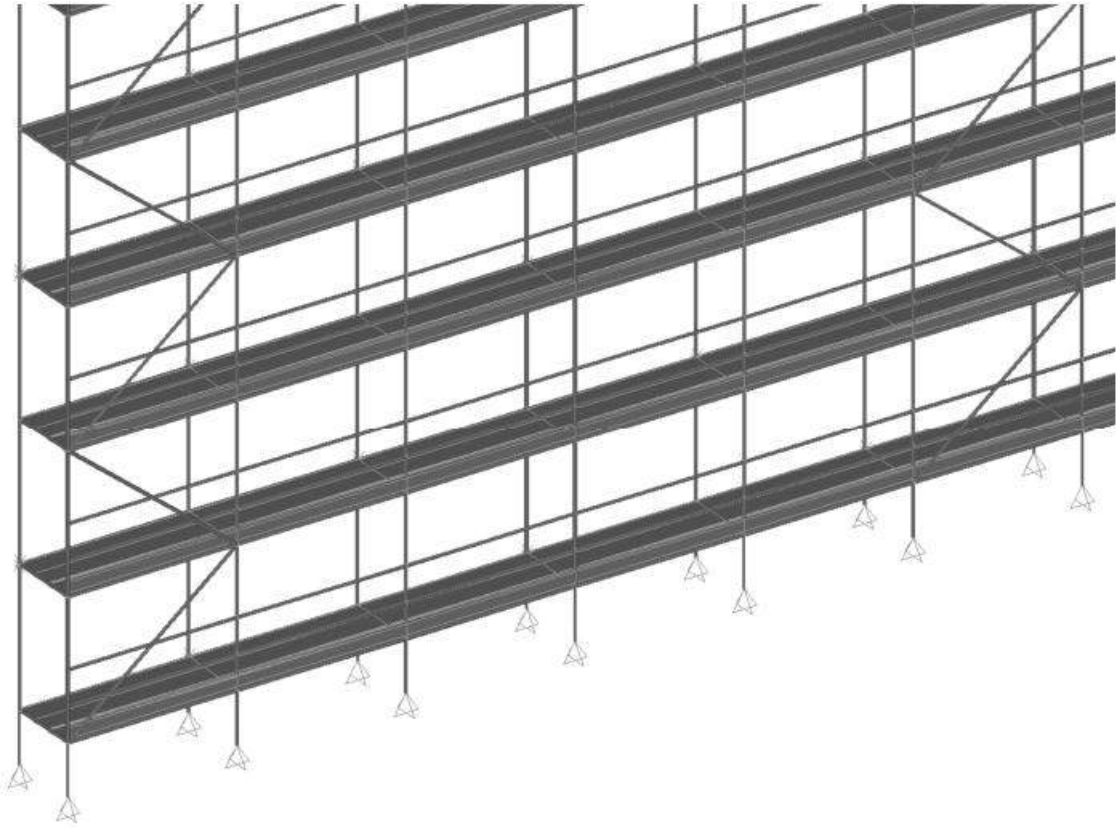
Şekil 5.1 : St37 - (S235JR) Malzeme mekanik özellikleri

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

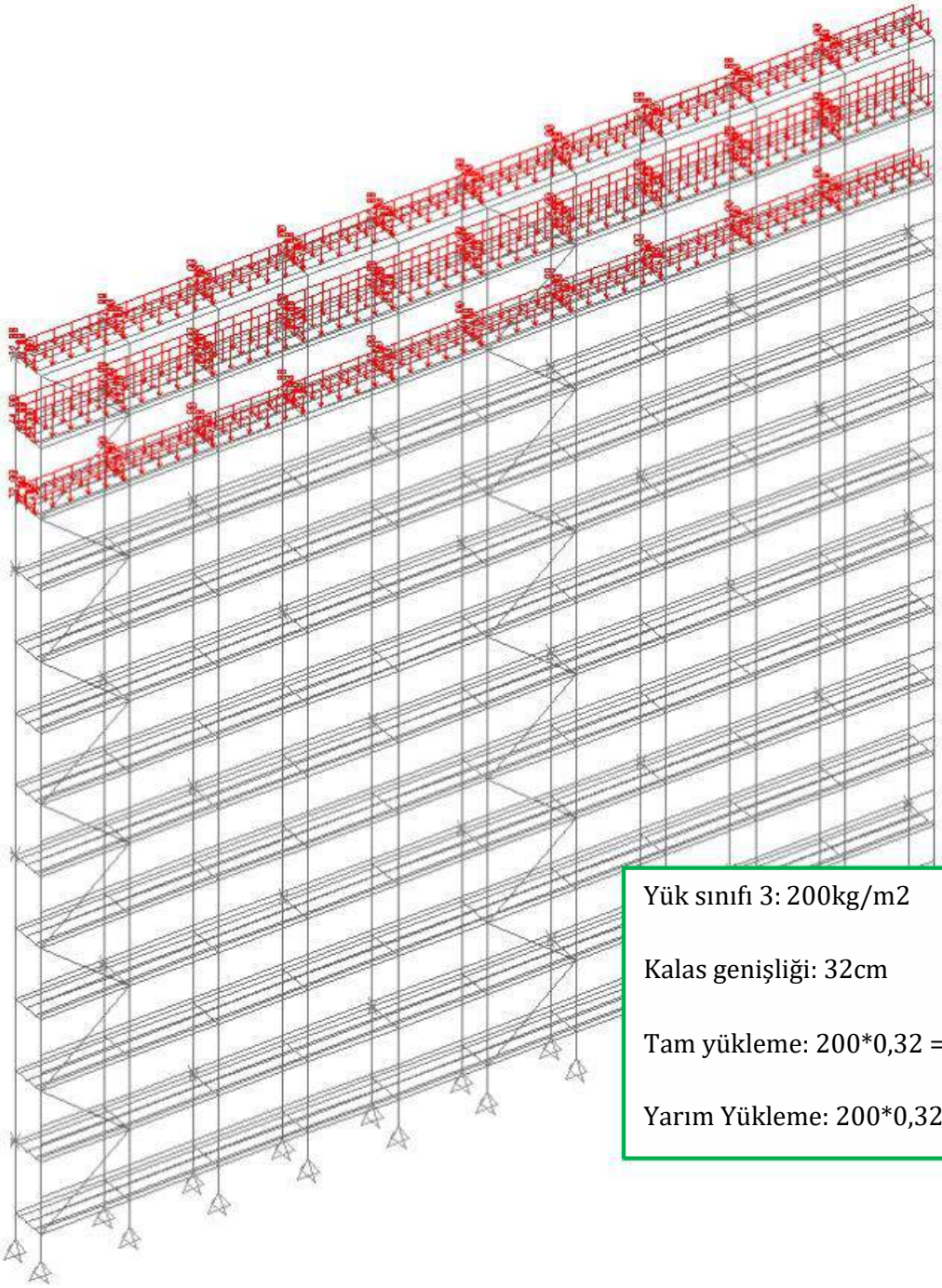
7.A Ölü Yükler:

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/m^2 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

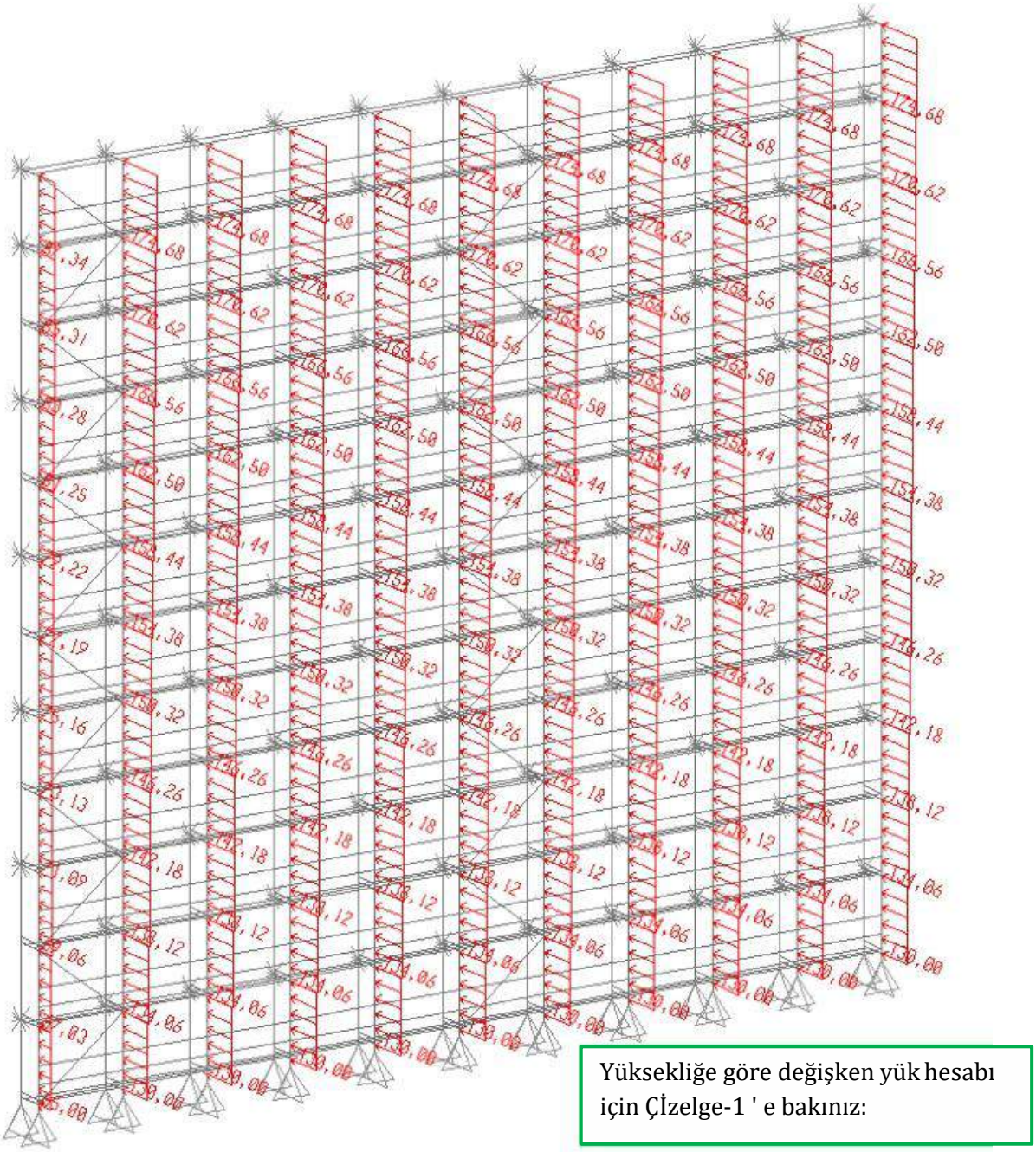
Tam yükleme: 200*0,32 =64kg/m

Yarım Yükleme: 200*0,32/2= 32kg/m

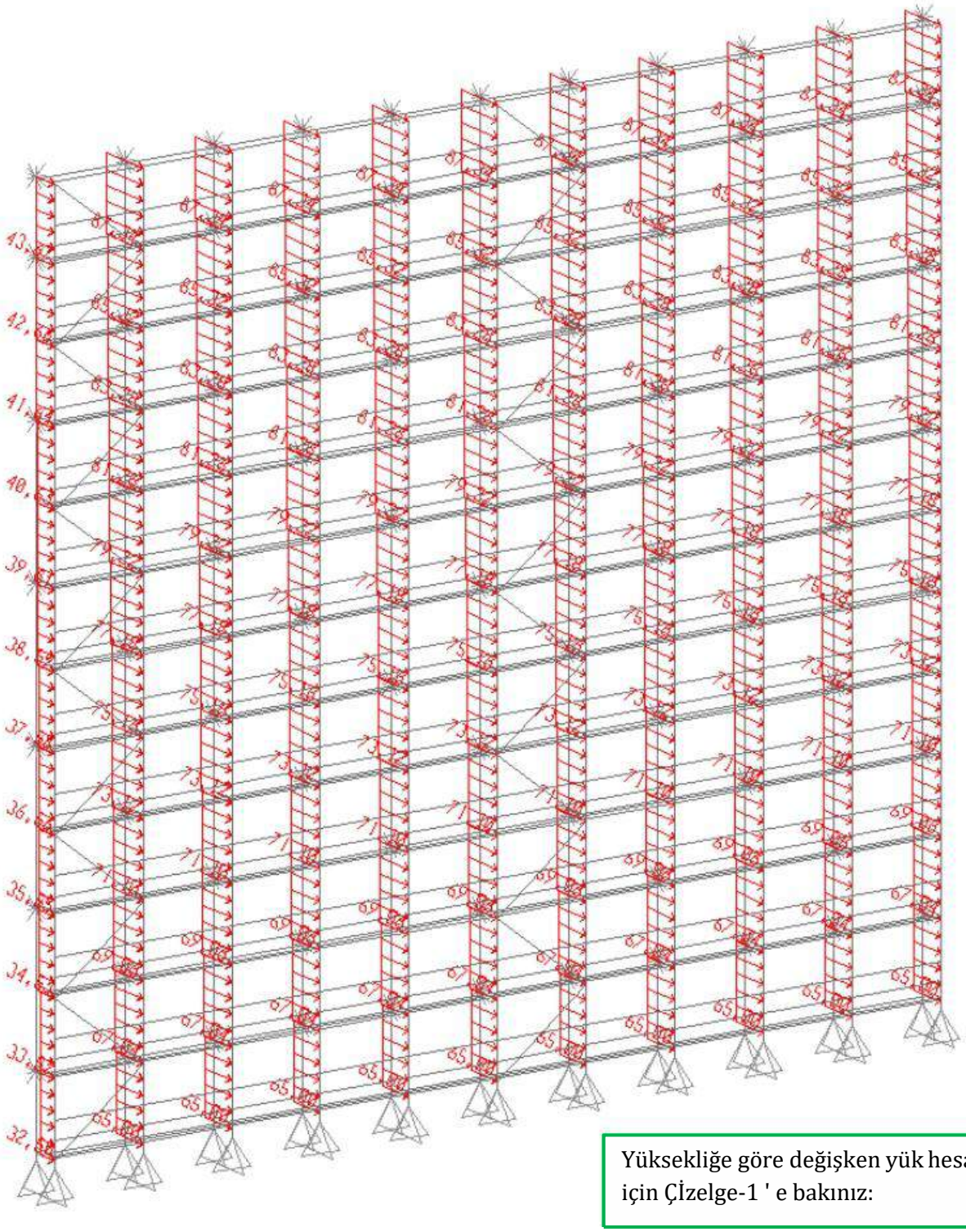
Şekil 7.1: Hareketli yükler

7.C Rüzgâr Yükleri:

TS 12810-1, Madde 8.3' te verilen katsayılar ve Şekil 3' te verilen basınç değerlerine göre rüzgar hesaplamaları yapılmıştır. Kaplamasız durumda iskele elemanlarına gelen yükler Çizelge 7-1' de gösterilmiştir. Kaplamalı durumlarda TS EN 12811-1 Ek A dikkate alınmıştır.

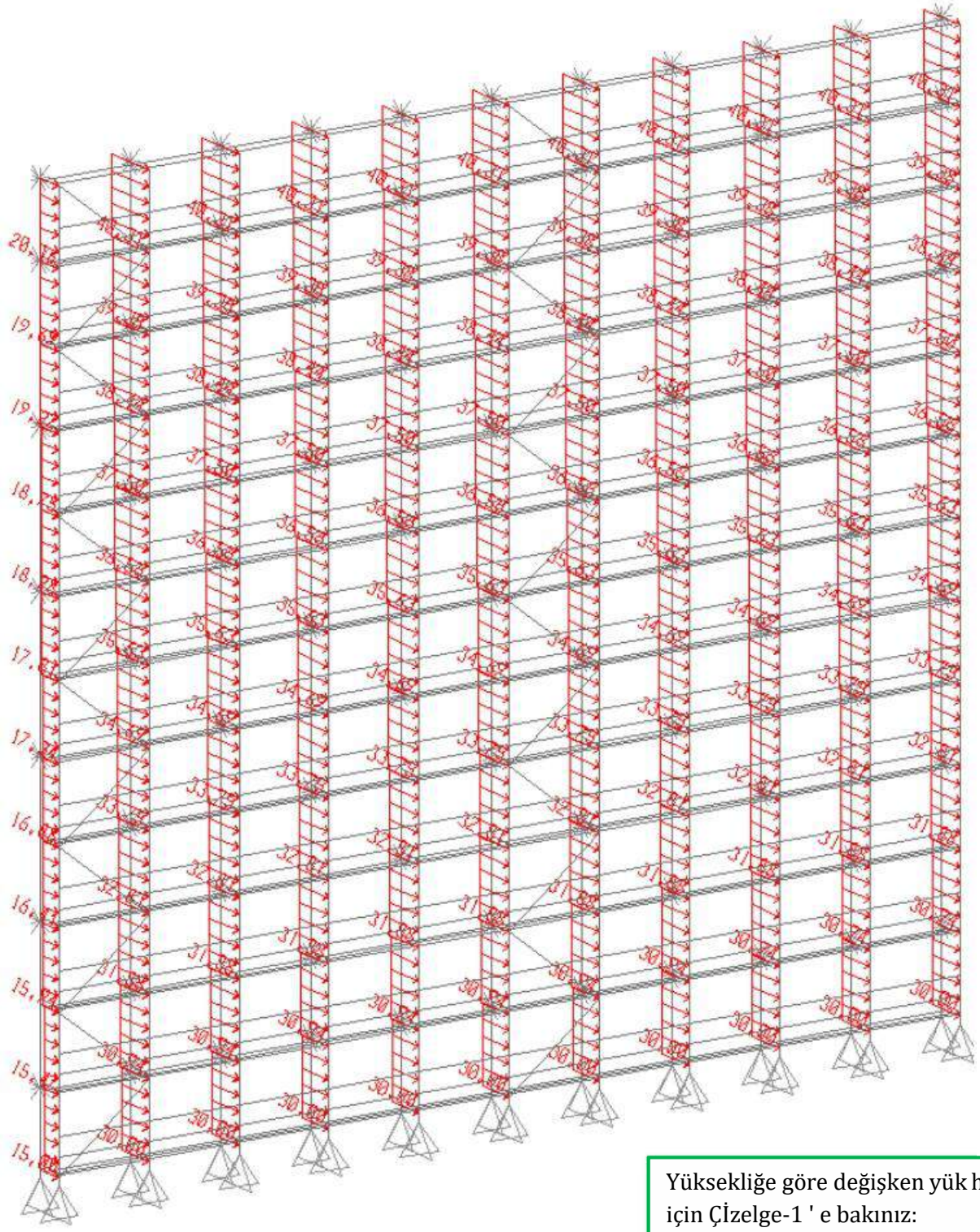


Şekil 7.2: Dikmelerde Wdik Yüklemesi (kg/m)



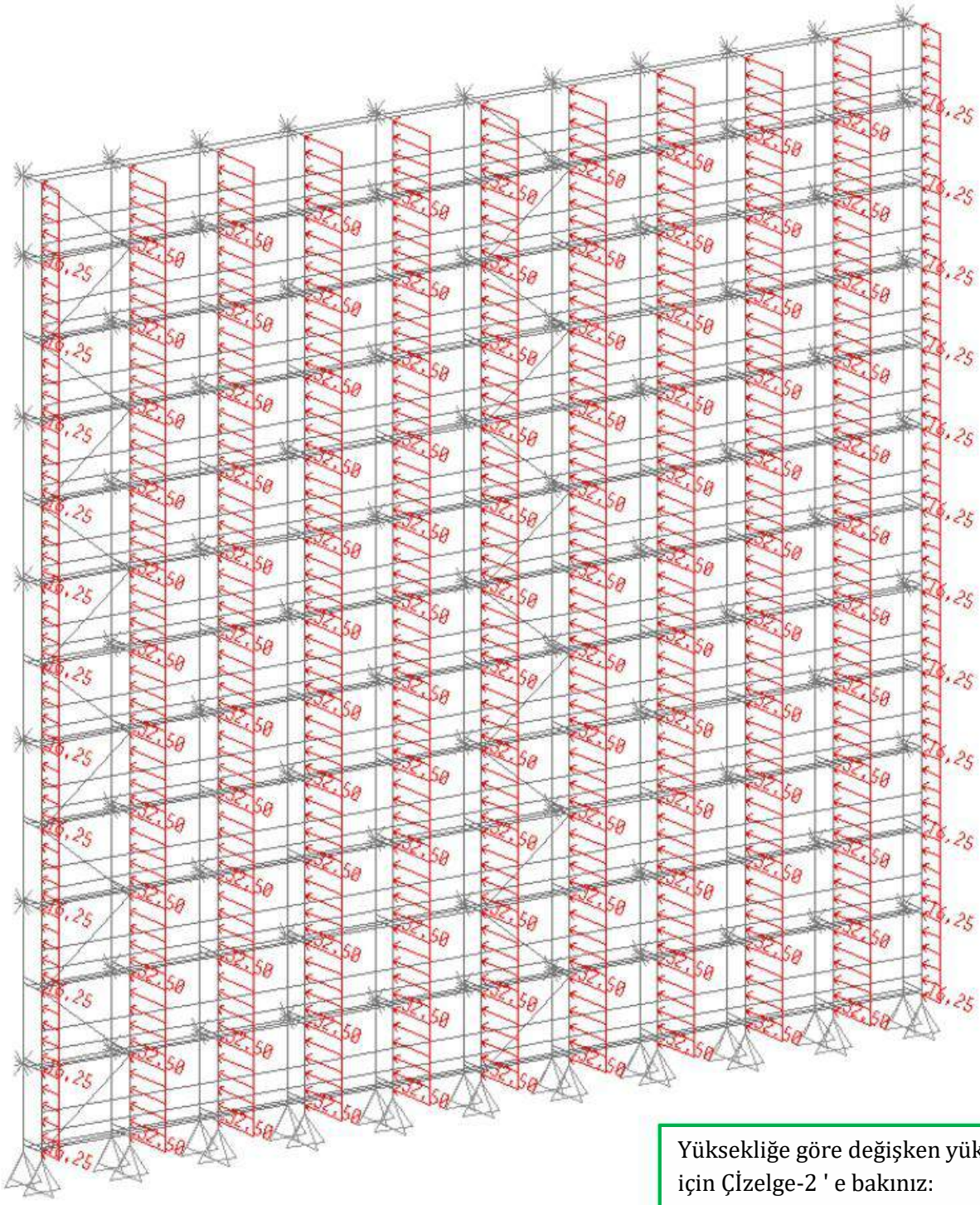
Yüksekliğe göre değişken yük hesabı için Çİzelge-1 ' e bakınız:

Şekil 7.3: Dikmelerde -Wdik Yüklemesi (kg/m)



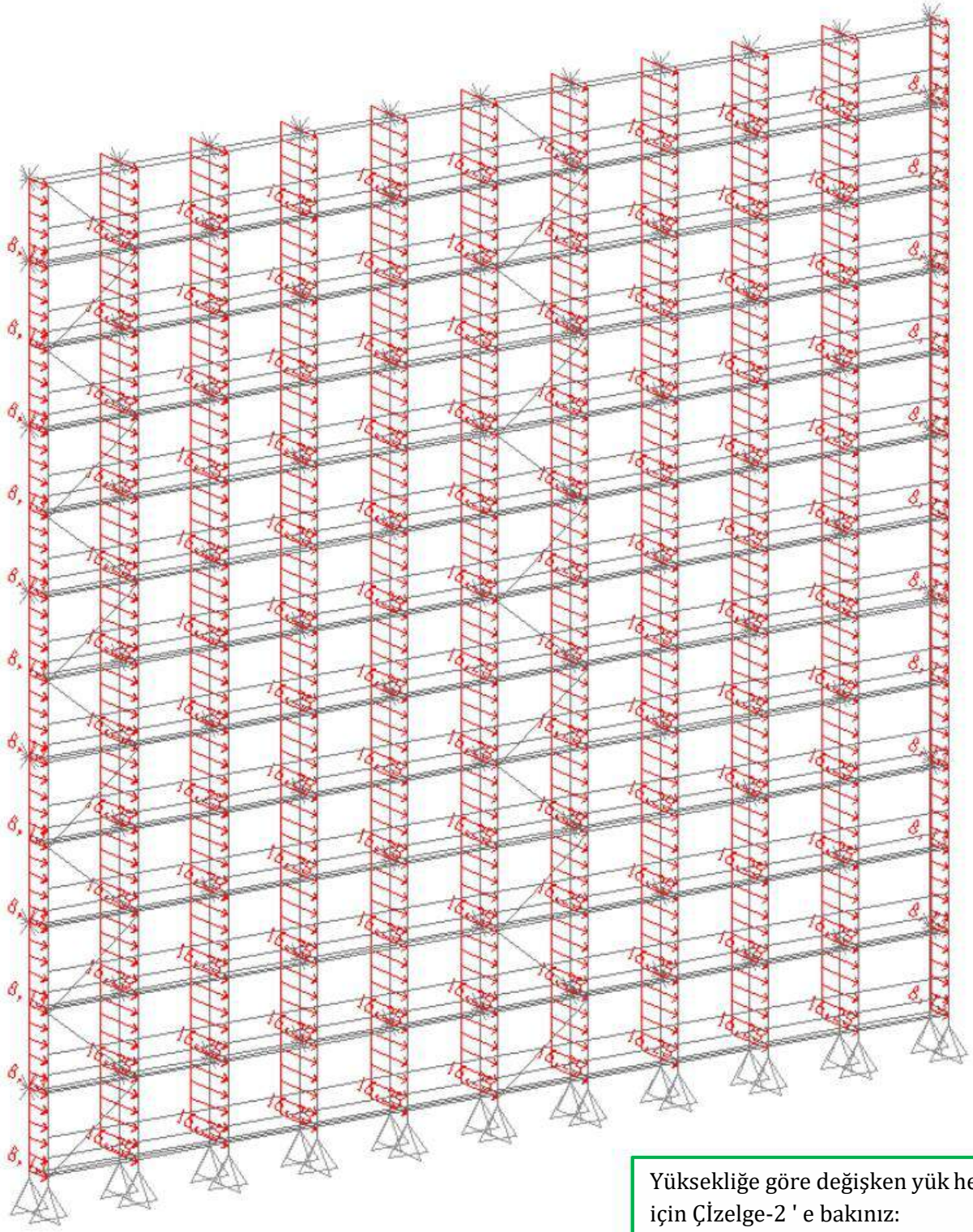
Yüksekliğe göre değişken yük hesabı için Çİzelge-1 ' e bakınız:

Şekil 7.4: Dikmelerde Wparalel Yüklemesi (kg/m)



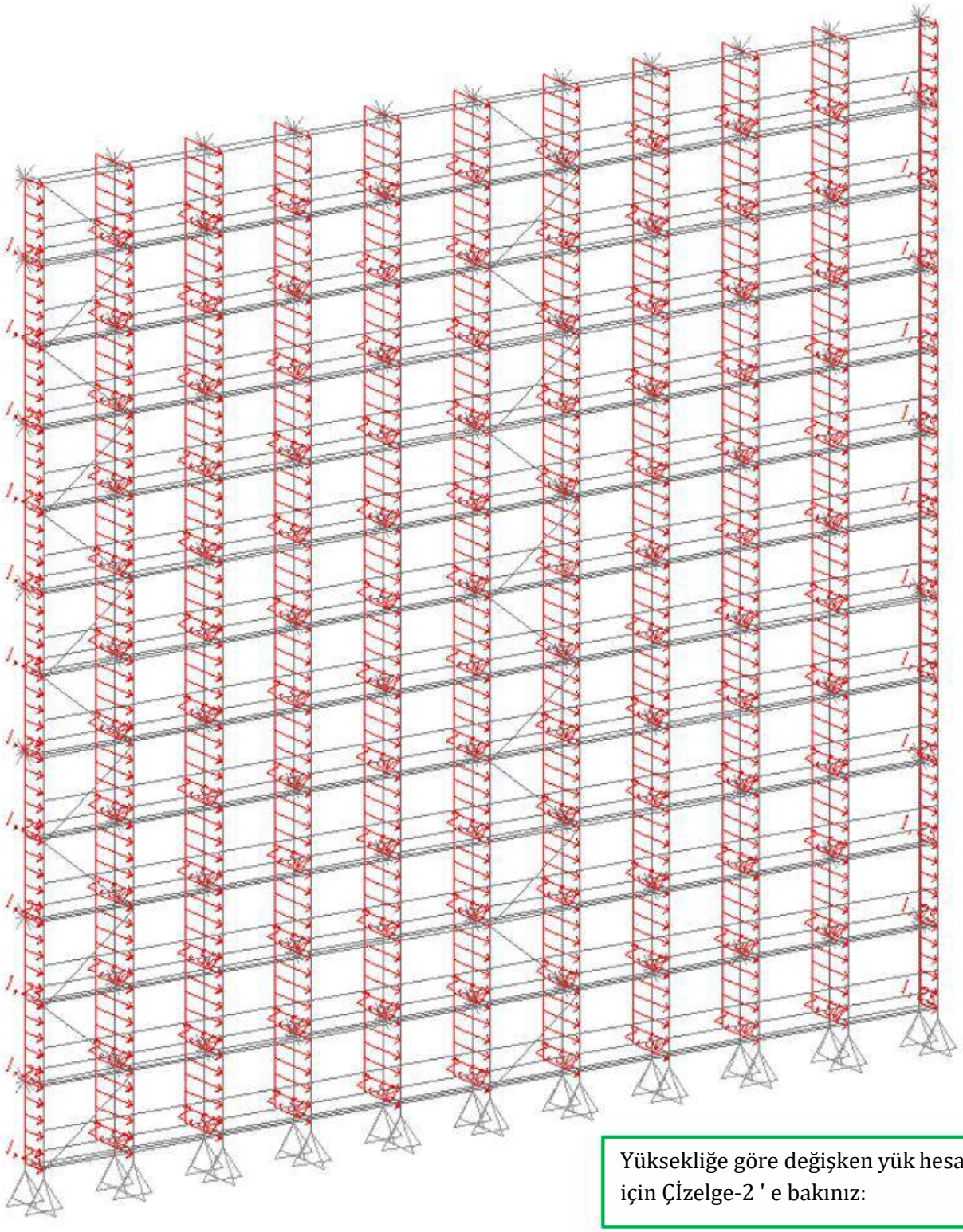
Yüksekliğe göre değişken yük hesabı için Çİzelge-2 ' e bakınız:

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: Wparalel Yüklemesi (kg/m) (hizmet)

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

										Kenar Akslarda,			Orta Akslarda,		
İskele Yüksekliği (m)	**Tasarım Rüzgar Basıncı (kg/m2)**	**Ağ Örtü Doluluk Oranı**	**cf, dik**	**cf, paralel**	**cs, dik**	**cs, paralel**	**Kaplamaya Etkiyen Yük (kg)**			**Kaplama Kenarlarına Etkiyen Yavılı Yük (kg/m)**			**Kaplama Kenarlarına Etkiyen Yavılı Yük (kg/m)**		
							Dik	**-Dik**	**Paralel**	**Dik**	**-Dik**	**Paralel**	**Dik**	**-Dik**	**Paralel**
0	80,0	0,50	1,3	0,1	1	1	130,00	-65,00	10,00	65,00	-32,50	-5,00	130,00	-65,00	-10,00
2	82,5	0,50	1,3	0,1	1	1	134,06	-67,03	10,31	67,03	-33,52	-5,16	134,06	-67,03	-10,31
4	85,0	0,50	1,3	0,1	1	1	138,13	-69,06	10,63	69,06	-34,53	-5,31	138,13	-69,06	-10,63
6	87,5	0,50	1,3	0,1	1	1	142,19	-71,09	10,94	71,09	-35,55	-5,47	142,19	-71,09	-10,94
8	90,0	0,50	1,3	0,1	1	1	146,25	-73,13	11,25	73,13	-36,56	-5,63	146,25	-73,13	-11,25
10	92,5	0,50	1,3	0,1	1	1	150,31	-75,16	11,56	75,16	-37,58	-5,78	150,31	-75,16	-11,56
12	95,0	0,50	1,3	0,1	1	1	154,38	-77,19	11,88	77,19	-38,59	-5,94	154,38	-77,19	-11,88
14	97,5	0,50	1,3	0,1	1	1	158,44	-79,22	12,19	79,22	-39,61	-6,09	158,44	-79,22	-12,19
16	100,0	0,50	1,3	0,1	1	1	162,50	-81,25	12,50	81,25	-40,63	-6,25	162,50	-81,25	-12,50
18	102,5	0,50	1,3	0,1	1	1	166,56	-83,28	12,81	83,28	-41,64	-6,41	166,56	-83,28	-12,81
20	105,0	0,50	1,3	0,1	1	1	170,63	-85,31	13,13	85,31	-42,66	-6,56	170,63	-85,31	-13,13
22	107,5	0,50	1,3	0,1	1	1	174,69	-87,34	13,44	87,34	-43,67	-6,72	174,69	-87,34	-13,44
24	110,0	0,50	1,3	0,1	1	1	178,75	-89,38	13,75	89,38	-44,69	-6,88	178,75	-89,38	-13,75

Çizelge-2: Elemanlara Gelen Rüzgar Yükleri (hizmet)

										Kenar Akslarda,			Orta Akslarda,		
İskele Yüksekliği (m)	**Tasarım Rüzgar Basıncı (kg/m2)**	**Ağ Örtü Doluluk Oranı**	**cf, dik**	**cf, paralel**	**cs, dik**	**cs, paralel**	**Kaplamaya Etkiven Yük (kg)**			**Kaplama Kenarlarına Etkiven Yavılı Yük (kg/m)**			**Kaplama Kenarlarına Etkiven Yavılı Yük (kg/m)**		
							Dik	**-Dik**	**Paralel**	**Dik**	**-Dik**	**Paralel**	**Dik**	**-Dik**	**Paralel**
0	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
2	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
4	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
6	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
8	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
10	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
12	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
14	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
16	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
18	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
20	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
22	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50
24	20,0	0,50	1,3	0,1	1	1	32,50	-16,25	2,50	16,25	-8,13	-1,25	32,50	-16,25	-2,50

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

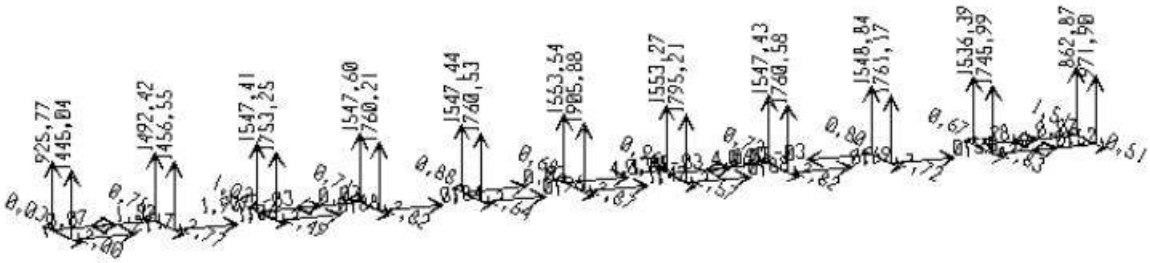
9.ANKRAJ TEPKİ KUVVETLERİ

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 1905kg dır. Burada her bir ayağa gelen 7 kombinasyona ait maksimum kuvvet gösterilmiştir.



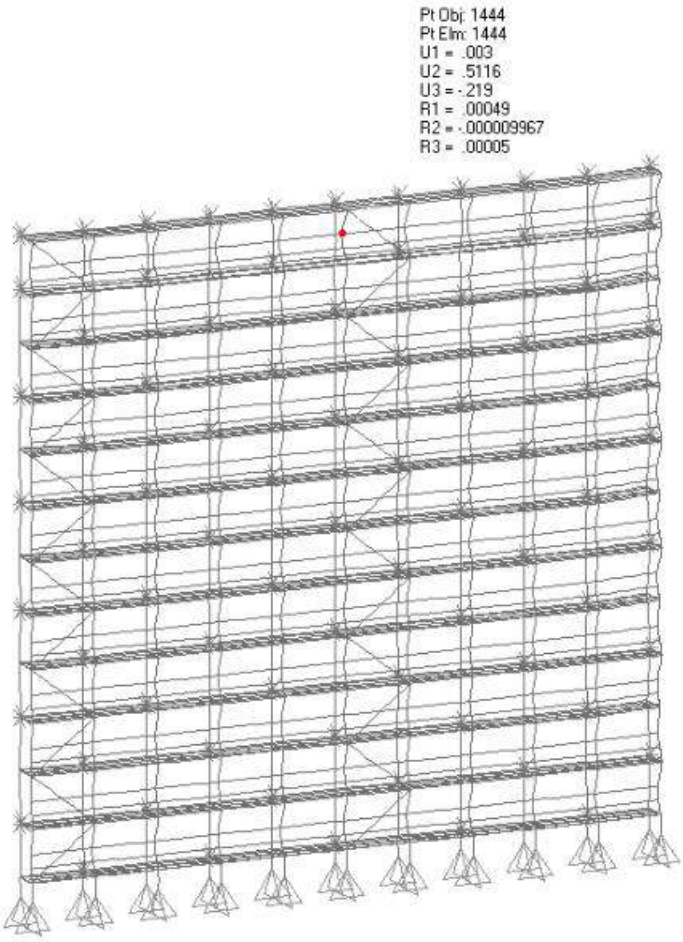
Şekil 10.1: Envelope kombinasyonuna göre mesnet tepki kuvvetleri (ton,m)

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 2m dir. Deplasman değeri L/200 formülüne göre 200/200=1.00cm değerini geçmemelidir.

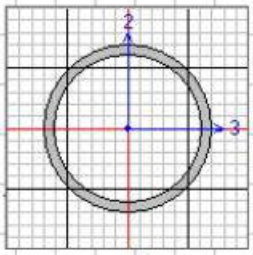
Eleman tiplerine göre en olumsuz kombinasyonda en çok zorlanan kesitlerin detaylı gerilme hesapları aşağıda sırası ile verilmiştir.



Şekil 11 -1: Sistem Deplasmanı (0,52cm<1,00cm)

Units: Tonf, cm, C

EUROCODE 3-1993 STEEL SECTION CHECK
Combo : COMB5
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		
Loc : 185,000	RLLF : 1,000		
Area : 4,269	SMajor : 4,555	rMajor : 1,605	AVMajor: 2,14
IMajor : 11,000	SMinor : 4,555	rMinor : 1,605	AVMinor: 2,14
IMinor : 11,000	ZMajor : 6,165	E : 2100,000	
Ixy : 0,000	ZMinor : 6,165	Fy : 2,400	

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
185,000	-1,242	-0,105	3,135	0,002	-0,122	0,019

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.5.4)	0,752	=	0,402	+	0,009	+	0,350	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	-1,242	3,087	9,315	7,262	3,087

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	-0,105	13,451	13,451	13,451
Minor Moment	3,135	13,451	13,451	

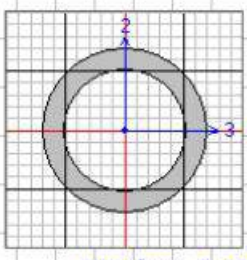
	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,452	0,425	1,177	0,934	2,220
Minor Moment	1,390	0,861	1,500		

SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,002	2,697	0,001	OK	0,000
Minor Shear	0,122	2,697	0,045	OK	0,000

Units Tonf, cm, C

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



Frame : 7	Design Sect: F38*5		
X Mid : 1500,000	Design Type: Column		
Y Mid : 0,000	Frame Type :		
Z Mid : -17,500	Sect Class : Class 1		
Length : 75,000	Major Axis : 0,000 degrees counterclockwise		
Loc : 72,585	RLLF : 1,000		
Area : 5,184	SMajor : 3,799	rMajor : 1,180	AVMajor: 2,631
IMajor : 7,218	SMinor : 3,799	rMinor : 1,180	AVMinor: 2,631
IMinor : 7,218	ZMajor : 5,487	E : 2100,000	
Ixy : 0,000	ZMinor : 5,487	Fy : 2,400	

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
72,585	-1,789	0,063	0,556	-8,696E-04	-0,008	0,000

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.5.4)	0,573	=	0,522	+	0,006	+	0,051	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	-1,789	3,430	11,310	3,430	3,628

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	0,063	11,971	11,971	11,971
Minor Moment	0,556	11,971	11,971	

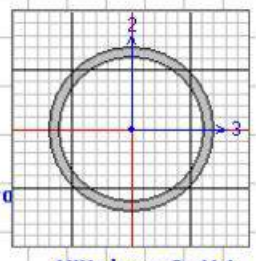
	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	2,550	0,968	1,109	0,869	1,880
Minor Moment	2,470	0,968	1,094		

SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	8,696E-04	3,314	0,000	OK	0,000
Minor Shear	0,008	3,314	0,002	OK	0,000

Units Tonf, cm, C

EUROCODE 3-1993 STEEL SECTION CHECK
Combo : COMB1
Units : Tonf, cm, C



Frame : 1202	Design Sect: F48,3*3		
X Mid : 1000,000	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 fro		
Loc : 57,000	RLLF : 1,000		
Area : 4,269	SMajor : 4,555	rMajor : 1,605	AVMajor: 2,141
IMajor : 11,000	SMinor : 4,555	rMinor : 1,605	AVMinor: 2,141
IMinor : 11,000	ZMajor : 6,165	E : 2100,000	
Ixy : 0,000	ZMinor : 6,165	Fy : 2,400	

STRESS CHECK FORCES & MOMENTS

Location	P	M33	M22	V2	V3	T
57,000	0,004	7,926	0,117	-0,099	-0,007	-0,004

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.4.8.1)	0,590	=	0,000	+	0,589	+	0,009	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	0,004	7,990	9,315	7,990	9,258

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	7,926	13,451	13,451	13,451
Minor Moment	0,117	13,451	13,451	

	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,000	0,954	1,000	1,000	1,000
Minor Moment	1,000	0,321	1,000		

SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,099	2,697	0,037	OK	0,000
Minor Shear	0,007	2,697	0,003	OK	0,000

Units Tonf, cm, C

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

Frame : 1188	Design Sect: KALAS				
X Mid : 125,000	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 f				
Loc : 150,000	RLLF : 1,000				
Area : 7,478	SMajor : 7,068	rMajor : 1,889	AVMajor: 1,531		
IMajor : 26,680	SMinor : 63,917	rMinor : 11,723	AVMinor: 4,822		
IMinor : 1027,710	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
150,000	-0,002	7,635	0,809	0,025	-0,007	-6,734E-04

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(5.5.4)	0,502	=	0,000	+	0,496	+	0,006	1,000	OK

AXIAL FORCE DESIGN

	Fc or Ft Force	Nc.Rd Capacity	Nt.Rd Capacity	Nb33.Rd Major	Nb22.Rd Minor
Axial	-0,002	5,553	16,315	5,553	16,070

MOMENT DESIGN

	M.Sd Moment	Mc.Rd Capacity	Mv.Rd Capacity	Mb.Rd Capacity
Major Moment	7,635	15,420	15,420	15,420
Minor Moment	0,809	139,456	139,456	

	K Factor	L Factor	k Factor	klt Factor	C1 Factor
Major Moment	1,000	1,000	1,001	1,000	1,000
Minor Moment	1,000	1,000	1,000		

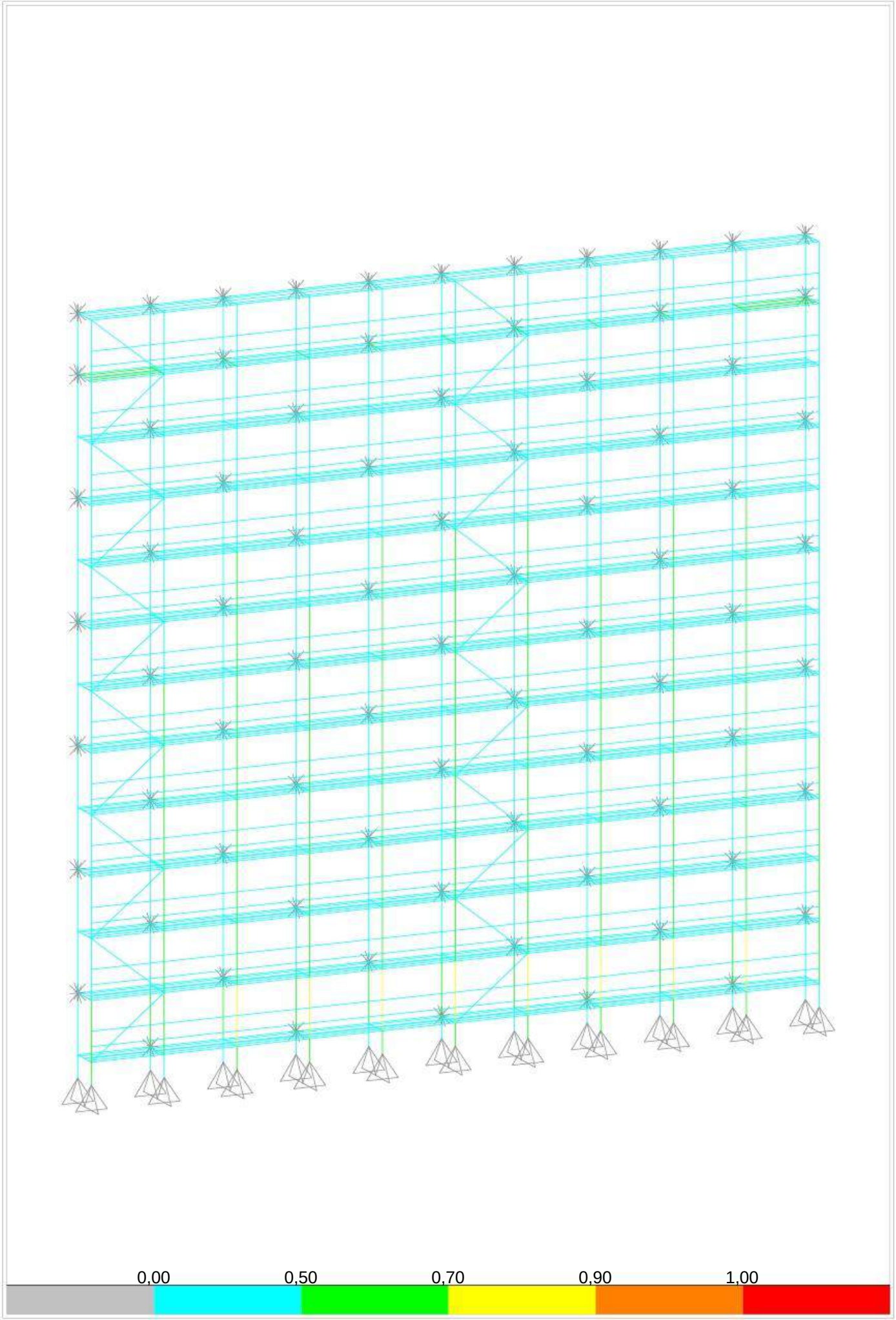
SHEAR DESIGN

	V.Sd Force	V.Rd Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0,025	1,929	0,013	OK	0,000
Minor Shear	0,007	6,074	0,001	OK	0,000

12. SONUÇ

Demirel Yapı firmasının imalatı olan SW09 genişliğine sahip 3 kalaslı, flanşlı, geçirimli kaplamalı dış cephe iskesinin analizi yapılmıştır. Rapor içerisinde iskele hesabında dikkate alınan boyutlar ve iskele yükseklikleri belirtilmiş, yapılan yüklemeler grafik ve sayısal olarak açıkca 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_H_GECIRIMLI - Steel P-M Interaction Ratios (EUROCODE 3-1993) - Tonf,

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	0,751784	PMM	COMB5	185	No Messages	No Messages
103	F48,3*3	Column	No Messages	0,732449	PMM	COMB5	185	No Messages	No Messages
99	F48,3*3	Column	No Messages	0,729568	PMM	COMB5	185	No Messages	No Messages
105	F48,3*3	Column	No Messages	0,728668	PMM	COMB5	185	No Messages	No Messages
112	F48,3*3	Column	No Messages	0,727208	PMM	COMB5	185	No Messages	No Messages
110	F48,3*3	Column	No Messages	0,717126	PMM	COMB5	185	No Messages	No Messages
101	F48,3*3	Column	No Messages	0,717047	PMM	COMB5	185	No Messages	No Messages
114	F48,3*3	Column	No Messages	0,707556	PMM	COMB5	185	No Messages	No Messages
213	F48,3*3	Column	No Messages	0,675131	PMM	COMB5	12,8	No Messages	No Messages
210	F48,3*3	Column	No Messages	0,667404	PMM	COMB5	185	No Messages	No Messages
208	F48,3*3	Column	No Messages	0,661977	PMM	COMB5	12,8	No Messages	No Messages
219	F48,3*3	Column	No Messages	0,65973	PMM	COMB5	185	No Messages	No Messages
204	F48,3*3	Column	No Messages	0,658061	PMM	COMB5	12,8	No Messages	No Messages
318	F48,3*3	Column	No Messages	0,655334	PMM	COMB5	185	No Messages	No Messages
217	F48,3*3	Column	No Messages	0,653707	PMM	COMB5	12,8	No Messages	No Messages
215	F48,3*3	Column	No Messages	0,653369	PMM	COMB5	185	No Messages	No Messages
206	F48,3*3	Column	No Messages	0,653097	PMM	COMB5	185	No Messages	No Messages
97	F48,3*3	Column	No Messages	0,651099	PMM	COMB5	185	No Messages	No Messages
315	F48,3*3	Column	No Messages	0,641829	PMM	COMB5	12,8	No Messages	No Messages
313	F48,3*3	Column	No Messages	0,640672	PMM	COMB5	185	No Messages	No Messages
309	F48,3*3	Column	No Messages	0,636818	PMM	COMB5	185	No Messages	No Messages
324	F48,3*3	Column	No Messages	0,63464	PMM	COMB5	12,8	No Messages	No Messages
322	F48,3*3	Column	No Messages	0,630706	PMM	COMB5	185	No Messages	No Messages
320	F48,3*3	Column	No Messages	0,629845	PMM	COMB5	12,8	No Messages	No Messages
423	F48,3*3	Column	No Messages	0,629783	PMM	COMB5	12,8	No Messages	No Messages
311	F48,3*3	Column	No Messages	0,629432	PMM	COMB5	12,8	No Messages	No Messages
420	F48,3*3	Column	No Messages	0,624729	PMM	COMB5	185	No Messages	No Messages
429	F48,3*3	Column	No Messages	0,616985	PMM	COMB5	185	No Messages	No Messages
418	F48,3*3	Column	No Messages	0,614533	PMM	COMB5	12,8	No Messages	No Messages
425	F48,3*3	Column	No Messages	0,610741	PMM	COMB5	185	No Messages	No Messages
416	F48,3*3	Column	No Messages	0,610484	PMM	COMB5	185	No Messages	No Messages
414	F48,3*3	Column	No Messages	0,609771	PMM	COMB5	12,8	No Messages	No Messages
6	F38*5	Column	No Messages	0,608107	PMM	COMB2	72,585	No Messages	No Messages
202	F48,3*3	Column	No Messages	0,607751	PMM	COMB5	185	No Messages	No Messages
427	F48,3*3	Column	No Messages	0,604545	PMM	COMB5	12,8	No Messages	No Messages
525	F48,3*3	Column	No Messages	0,600269	PMM	COMB5	12,8	No Messages	No Messages
1	F38*5	Column	No Messages	0,597981	PMM	COMB2	72,585	No Messages	No Messages
528	F48,3*3	Column	No Messages	0,597237	PMM	COMB5	185	No Messages	No Messages
534	F48,3*3	Column	No Messages	0,593409	PMM	COMB5	12,8	No Messages	No Messages
1199	F48,3*3	Beam	No Messages	0,590059	PMM	COMB1	57	No Messages	No Messages
1206	F48,3*3	Beam	No Messages	0,589706	PMM	COMB1	57	No Messages	No Messages
1201	F48,3*3	Beam	No Messages	0,589704	PMM	COMB1	57	No Messages	No Messages
1202	F48,3*3	Beam	No Messages	0,5897	PMM	COMB1	57	No Messages	No Messages
1205	F48,3*3	Beam	No Messages	0,589697	PMM	COMB1	57	No Messages	No Messages
1200	F48,3*3	Beam	No Messages	0,589661	PMM	COMB1	57	No Messages	No Messages
1207	F48,3*3	Beam	No Messages	0,589575	PMM	COMB1	57	No Messages	No Messages
1204	F48,3*3	Beam	No Messages	0,58951	PMM	COMB1	57	No Messages	No Messages
1203	F48,3*3	Beam	No Messages	0,589487	PMM	COMB1	57	No Messages	No Messages
530	F48,3*3	Column	No Messages	0,588568	PMM	COMB5	12,8	No Messages	No Messages
521	F48,3*3	Column	No Messages	0,588117	PMM	COMB5	12,8	No Messages	No Messages
523	F48,3*3	Column	No Messages	0,583681	PMM	COMB5	185	No Messages	No Messages
519	F48,3*3	Column	No Messages	0,579722	PMM	COMB5	185	No Messages	No Messages
532	F48,3*3	Column	No Messages	0,57902	PMM	COMB5	12,8	No Messages	No Messages
633	F48,3*3	Column	No Messages	0,574525	PMM	COMB5	12,8	No Messages	No Messages
307	F48,3*3	Column	No Messages	0,57372	PMM	COMB5	12,8	No Messages	No Messages
7	F38*5	Column	No Messages	0,572772	PMM	COMB2	72,585	No Messages	No Messages
4	F38*5	Column	No Messages	0,565386	PMM	COMB2	72,585	No Messages	No Messages
8	F38*5	Column	No Messages	0,565385	PMM	COMB2	72,585	No Messages	No Messages
628	F48,3*3	Column	No Messages	0,56463	PMM	COMB5	12,8	No Messages	No Messages
630	F48,3*3	Column	No Messages	0,563786	PMM	COMB5	185	No Messages	No Messages
116	F48,3*3	Column	No Messages	0,562625	PMM	COMB5	185	No Messages	No Messages
9	F38*5	Column	No Messages	0,562579	PMM	COMB2	72,585	No Messages	No Messages
5	F38*5	Column	No Messages	0,562448	PMM	COMB2	72,585	No Messages	No Messages
412	F48,3*3	Column	No Messages	0,5624	PMM	COMB5	185	No Messages	No Messages
3	F38*5	Column	No Messages	0,561958	PMM	COMB2	72,585	No Messages	No Messages
639	F48,3*3	Column	No Messages	0,560497	PMM	COMB5	185	No Messages	No Messages
624	F48,3*3	Column	No Messages	0,560162	PMM	COMB5	12,8	No Messages	No Messages
10	F38*5	Column	No Messages	0,56003	PMM	COMB2	72,585	No Messages	No Messages
637	F48,3*3	Column	No Messages	0,554286	PMM	COMB5	12,8	No Messages	No Messages
635	F48,3*3	Column	No Messages	0,553684	PMM	COMB5	185	No Messages	No Messages
626	F48,3*3	Column	No Messages	0,553507	PMM	COMB5	185	No Messages	No Messages
735	F48,3*3	Column	No Messages	0,545614	PMM	COMB5	12,8	No Messages	No Messages
744	F48,3*3	Column	No Messages	0,543059	PMM	COMB5	12,8	No Messages	No Messages
740	F48,3*3	Column	No Messages	0,537865	PMM	COMB5	12,8	No Messages	No Messages
731	F48,3*3	Column	No Messages	0,537457	PMM	COMB5	12,8	No Messages	No Messages
221	F48,3*3	Column	No Messages	0,534707	PMM	COMB5	12,8	No Messages	No Messages
738	F48,3*3	Column	No Messages	0,53386	PMM	COMB5	185	No Messages	No Messages
517	F48,3*3	Column	No Messages	0,531818	PMM	COMB5	12,8	No Messages	No Messages
742	F48,3*3	Column	No Messages	0,528195	PMM	COMB5	12,8	No Messages	No Messages
733	F48,3*3	Column	No Messages	0,526149	PMM	COMB5	185	No Messages	No Messages
122	F48,3*3	Column	No Messages	0,524299	PMM	COMB2	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
123	F48,3*3	Column	No Messages	0,523213	PMM	COMB3	15	No Messages	No Messages
729	F48,3*3	Column	No Messages	0,522624	PMM	COMB5	185	No Messages	No Messages
120	F48,3*3	Column	No Messages	0,522152	PMM	COMB2	15	No Messages	No Messages
124	F48,3*3	Column	No Messages	0,522148	PMM	COMB2	15	No Messages	No Messages
125	F48,3*3	Column	No Messages	0,521381	PMM	COMB3	15	No Messages	No Messages
119	F48,3*3	Column	No Messages	0,521321	PMM	COMB3	15	No Messages	No Messages
121	F48,3*3	Column	No Messages	0,521073	PMM	COMB3	15	No Messages	No Messages
126	F48,3*3	Column	No Messages	0,518595	PMM	COMB2	15	No Messages	No Messages
843	F48,3*3	Column	No Messages	0,516537	PMM	COMB5	12,8	No Messages	No Messages
622	F48,3*3	Column	No Messages	0,515118	PMM	COMB5	185	No Messages	No Messages
838	F48,3*3	Column	No Messages	0,512422	PMM	COMB5	12,8	No Messages	No Messages
94	F48,3*3	Column	No Messages	0,5108	PMM	COMB5	185	No Messages	No Messages
326	F48,3*3	Column	No Messages	0,509887	PMM	COMB5	185	No Messages	No Messages
834	F48,3*3	Column	No Messages	0,508345	PMM	COMB5	12,8	No Messages	No Messages
431	F48,3*3	Column	No Messages	0,508327	PMM	COMB5	12,8	No Messages	No Messages
849	F48,3*3	Column	No Messages	0,503788	PMM	COMB5	185	No Messages	No Messages
118	F48,3*3	Column	No Messages	0,503765	PMM	COMB2	15	No Messages	No Messages
840	F48,3*3	Column	No Messages	0,502262	PMM	COMB5	185	No Messages	No Messages
1197	KALAS	Beam	No Messages	0,502253	PMM	COMB2	100	No Messages	No Messages
847	F48,3*3	Column	No Messages	0,501939	PMM	COMB5	12,8	No Messages	No Messages
1188	KALAS	Beam	No Messages	0,501854	PMM	COMB2	150	No Messages	No Messages
1209	KALAS	Beam	No Messages	0,501579	PMM	COMB2	150	No Messages	No Messages
1345	KALAS	Beam	No Messages	0,50144	PMM	COMB2	150	No Messages	No Messages
1218	KALAS	Beam	No Messages	0,501379	PMM	COMB2	100	No Messages	No Messages
1462	KALAS	Beam	No Messages	0,501153	PMM	COMB2	100	No Messages	No Messages
1195	KALAS	Beam	No Messages	0,499871	PMM	COMB2	150	No Messages	No Messages
1196	KALAS	Beam	No Messages	0,498978	PMM	COMB2	150	No Messages	No Messages
1189	KALAS	Beam	No Messages	0,498945	PMM	COMB2	100	No Messages	No Messages
1216	KALAS	Beam	No Messages	0,498671	PMM	COMB2	150	No Messages	No Messages
1190	KALAS	Beam	No Messages	0,498569	PMM	COMB2	100	No Messages	No Messages
1194	KALAS	Beam	No Messages	0,498565	PMM	COMB2	150	No Messages	No Messages
1436	KALAS	Beam	No Messages	0,498446	PMM	COMB2	150	No Messages	No Messages
1358	KALAS	Beam	No Messages	0,498431	PMM	COMB2	100	No Messages	No Messages
1210	KALAS	Beam	No Messages	0,498381	PMM	COMB2	100	No Messages	No Messages
1211	KALAS	Beam	No Messages	0,498308	PMM	COMB2	100	No Messages	No Messages
1217	KALAS	Beam	No Messages	0,498127	PMM	COMB2	150	No Messages	No Messages
1371	KALAS	Beam	No Messages	0,498047	PMM	COMB2	100	No Messages	No Messages
1214	KALAS	Beam	No Messages	0,497863	PMM	COMB2	100	No Messages	No Messages
1449	KALAS	Beam	No Messages	0,497798	PMM	COMB2	150	No Messages	No Messages
1193	KALAS	Beam	No Messages	0,497746	PMM	COMB2	100	No Messages	No Messages
1410	KALAS	Beam	No Messages	0,497689	PMM	COMB2	100	No Messages	No Messages
1212	KALAS	Beam	No Messages	0,497592	PMM	COMB2	150	No Messages	No Messages
1384	KALAS	Beam	No Messages	0,497531	PMM	COMB2	150	No Messages	No Messages
1191	KALAS	Beam	No Messages	0,497525	PMM	COMB2	150	No Messages	No Messages
1213	KALAS	Beam	No Messages	0,497504	PMM	COMB2	150	No Messages	No Messages
1215	KALAS	Beam	No Messages	0,497427	PMM	COMB2	100	No Messages	No Messages
1397	KALAS	Beam	No Messages	0,497277	PMM	COMB2	150	No Messages	No Messages
1192	KALAS	Beam	No Messages	0,49717	PMM	COMB2	150	No Messages	No Messages
1423	KALAS	Beam	No Messages	0,496987	PMM	COMB2	100	No Messages	No Messages
845	F48,3*3	Column	No Messages	0,496307	PMM	COMB5	185	No Messages	No Messages
836	F48,3*3	Column	No Messages	0,496215	PMM	COMB5	185	No Messages	No Messages
954	F48,3*3	Column	No Messages	0,49099	PMM	COMB5	12,8	No Messages	No Messages
945	F48,3*3	Column	No Messages	0,489664	PMM	COMB5	12,8	No Messages	No Messages
727	F48,3*3	Column	No Messages	0,488237	PMM	COMB5	12,8	No Messages	No Messages
641	F48,3*3	Column	No Messages	0,486905	PMM	COMB5	12,8	No Messages	No Messages
950	F48,3*3	Column	No Messages	0,485283	PMM	COMB5	12,8	No Messages	No Messages
941	F48,3*3	Column	No Messages	0,484939	PMM	COMB5	12,8	No Messages	No Messages
536	F48,3*3	Column	No Messages	0,484318	PMM	COMB5	185	No Messages	No Messages
18	F38*5	Column	No Messages	0,483066	PMM	COMB2	72,585	No Messages	No Messages
20	F38*5	Column	No Messages	0,482144	PMM	COMB2	72,585	No Messages	No Messages
16	F38*5	Column	No Messages	0,481961	PMM	COMB2	72,585	No Messages	No Messages
17	F38*5	Column	No Messages	0,480353	PMM	COMB2	72,585	No Messages	No Messages
14	F38*5	Column	No Messages	0,48029	PMM	COMB2	72,585	No Messages	No Messages
15	F38*5	Column	No Messages	0,478722	PMM	COMB2	72,585	No Messages	No Messages
19	F38*5	Column	No Messages	0,478612	PMM	COMB2	72,585	No Messages	No Messages
952	F48,3*3	Column	No Messages	0,475669	PMM	COMB5	12,8	No Messages	No Messages
2	F38*5	Column	No Messages	0,475409	PMM	COMB2	72,585	No Messages	No Messages
21	F38*5	Column	No Messages	0,474558	PMM	COMB2	72,585	No Messages	No Messages
199	F48,3*3	Column	No Messages	0,473959	PMM	COMB5	12,8	No Messages	No Messages
832	F48,3*3	Column	No Messages	0,470489	PMM	COMB5	185	No Messages	No Messages
227	F48,3*3	Column	No Messages	0,468212	PMM	COMB3	15	No Messages	No Messages
948	F48,3*3	Column	No Messages	0,467983	PMM	COMB5	185	No Messages	No Messages
939	F48,3*3	Column	No Messages	0,46723	PMM	COMB5	12,8	No Messages	No Messages
228	F48,3*3	Column	No Messages	0,466897	PMM	COMB3	15	No Messages	No Messages
943	F48,3*3	Column	No Messages	0,466291	PMM	COMB5	12,8	No Messages	No Messages
225	F48,3*3	Column	No Messages	0,466095	PMM	COMB3	15	No Messages	No Messages
229	F48,3*3	Column	No Messages	0,465956	PMM	COMB3	15	No Messages	No Messages
230	F48,3*3	Column	No Messages	0,46576	PMM	COMB3	15	No Messages	No Messages
117	F48,3*3	Column	No Messages	0,46528	PMM	COMB3	15	No Messages	No Messages
226	F48,3*3	Column	No Messages	0,465145	PMM	COMB3	15	No Messages	No Messages
224	F48,3*3	Column	No Messages	0,464859	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
851	F48,3*3	Column	No Messages	0,464273	PMM	COMB5	12,8	No Messages	No Messages
231	F48,3*3	Column	No Messages	0,462802	PMM	COMB3	15	No Messages	No Messages
13	F38*5	Column	No Messages	0,461247	PMM	COMB2	72,585	No Messages	No Messages
746	F48,3*3	Column	No Messages	0,458404	PMM	COMB5	185	No Messages	No Messages
1059	F48,3*3	Column	No Messages	0,457128	PMM	COMB5	185	No Messages	No Messages
1153	F48,3*3	Column	No Messages	0,455828	PMM	COMB5	185	No Messages	No Messages
1048	F48,3*3	Column	No Messages	0,454292	PMM	COMB5	12,8	No Messages	No Messages
1149	F48,3*3	Column	No Messages	0,453505	PMM	COMB5	185	No Messages	No Messages
1050	F48,3*3	Column	No Messages	0,452297	PMM	COMB5	185	No Messages	No Messages
1044	F48,3*3	Column	No Messages	0,450633	PMM	COMB5	12,8	No Messages	No Messages
1053	F48,3*3	Column	No Messages	0,450419	PMM	COMB5	12,8	No Messages	No Messages
333	F48,3*3	Column	No Messages	0,449083	PMM	COMB3	15	No Messages	No Messages
1055	F48,3*3	Column	No Messages	0,448958	PMM	COMB5	185	No Messages	No Messages
1046	F48,3*3	Column	No Messages	0,448908	PMM	COMB5	185	No Messages	No Messages
223	F48,3*3	Column	No Messages	0,448057	PMM	COMB3	15	No Messages	No Messages
332	F48,3*3	Column	No Messages	0,447896	PMM	COMB3	15	No Messages	No Messages
1162	F48,3*3	Column	No Messages	0,447751	PMM	COMB5	185	No Messages	No Messages
329	F48,3*3	Column	No Messages	0,44706	PMM	COMB3	15	No Messages	No Messages
335	F48,3*3	Column	No Messages	0,447057	PMM	COMB3	15	No Messages	No Messages
331	F48,3*3	Column	No Messages	0,44691	PMM	COMB3	15	No Messages	No Messages
937	F48,3*3	Column	No Messages	0,446624	PMM	COMB5	12,8	No Messages	No Messages
334	F48,3*3	Column	No Messages	0,445999	PMM	COMB3	15	No Messages	No Messages
330	F48,3*3	Column	No Messages	0,445968	PMM	COMB3	15	No Messages	No Messages
1158	F48,3*3	Column	No Messages	0,44536	PMM	COMB5	185	No Messages	No Messages
1057	F48,3*3	Column	No Messages	0,444148	PMM	COMB5	12,8	No Messages	No Messages
1042	F48,3*3	Column	No Messages	0,443538	PMM	COMB5	185	No Messages	No Messages
336	F48,3*3	Column	No Messages	0,442345	PMM	COMB2	15	No Messages	No Messages
1151	F48,3*3	Column	No Messages	0,440102	PMM	COMB2	185	No Messages	No Messages
1160	F48,3*3	Column	No Messages	0,439981	PMM	COMB2	185	No Messages	No Messages
1061	F48,3*3	Column	No Messages	0,439346	PMM	COMB5	12,8	No Messages	No Messages
127	F48,3*3	Column	No Messages	0,436259	PMM	COMB3	15	No Messages	No Messages
1155	F48,3*3	Column	No Messages	0,436061	PMM	COMB2	185	No Messages	No Messages
1164	F48,3*3	Column	No Messages	0,434931	PMM	COMB2	185	No Messages	No Messages
304	F48,3*3	Column	No Messages	0,434604	PMM	COMB5	185	No Messages	No Messages
409	F48,3*3	Column	No Messages	0,431963	PMM	COMB5	12,8	No Messages	No Messages
956	F48,3*3	Column	No Messages	0,430943	PMM	COMB5	185	No Messages	No Messages
437	F48,3*3	Column	No Messages	0,430186	PMM	COMB3	15	No Messages	No Messages
438	F48,3*3	Column	No Messages	0,428937	PMM	COMB3	15	No Messages	No Messages
435	F48,3*3	Column	No Messages	0,428107	PMM	COMB3	15	No Messages	No Messages
439	F48,3*3	Column	No Messages	0,428004	PMM	COMB3	15	No Messages	No Messages
328	F48,3*3	Column	No Messages	0,427971	PMM	COMB2	15	No Messages	No Messages
440	F48,3*3	Column	No Messages	0,427696	PMM	COMB3	15	No Messages	No Messages
436	F48,3*3	Column	No Messages	0,427092	PMM	COMB3	15	No Messages	No Messages
434	F48,3*3	Column	No Messages	0,426754	PMM	COMB3	15	No Messages	No Messages
1166	F48,3*3	Column	No Messages	0,425922	PMM	COMB5	185	No Messages	No Messages
441	F48,3*3	Column	No Messages	0,425001	PMM	COMB3	15	No Messages	No Messages
11	F38*5	Column	No Messages	0,41133	PMM	COMB2	72,585	No Messages	No Messages
543	F48,3*3	Column	No Messages	0,4111	PMM	COMB3	15	No Messages	No Messages
433	F48,3*3	Column	No Messages	0,41015	PMM	COMB3	15	No Messages	No Messages
542	F48,3*3	Column	No Messages	0,409773	PMM	COMB3	15	No Messages	No Messages
545	F48,3*3	Column	No Messages	0,409063	PMM	COMB3	15	No Messages	No Messages
539	F48,3*3	Column	No Messages	0,409035	PMM	COMB3	15	No Messages	No Messages
541	F48,3*3	Column	No Messages	0,408966	PMM	COMB3	15	No Messages	No Messages
1147	F48,3*3	Column	No Messages	0,408522	PMM	COMB5	185	No Messages	No Messages
544	F48,3*3	Column	No Messages	0,407996	PMM	COMB3	15	No Messages	No Messages
540	F48,3*3	Column	No Messages	0,407958	PMM	COMB3	15	No Messages	No Messages
222	F48,3*3	Column	No Messages	0,407592	PMM	COMB2	15	No Messages	No Messages
546	F48,3*3	Column	No Messages	0,404539	PMM	COMB2	15	No Messages	No Messages
12	F38*5	Column	No Messages	0,397082	PMM	COMB2	72,585	No Messages	No Messages
619	F48,3*3	Column	No Messages	0,391997	PMM	COMB5	12,8	No Messages	No Messages
647	F48,3*3	Column	No Messages	0,391709	PMM	COMB3	15	No Messages	No Messages
648	F48,3*3	Column	No Messages	0,390475	PMM	COMB3	15	No Messages	No Messages
538	F48,3*3	Column	No Messages	0,390317	PMM	COMB2	15	No Messages	No Messages
645	F48,3*3	Column	No Messages	0,389779	PMM	COMB3	15	No Messages	No Messages
649	F48,3*3	Column	No Messages	0,389702	PMM	COMB3	15	No Messages	No Messages
650	F48,3*3	Column	No Messages	0,389269	PMM	COMB3	15	No Messages	No Messages
646	F48,3*3	Column	No Messages	0,388727	PMM	COMB3	15	No Messages	No Messages
644	F48,3*3	Column	No Messages	0,388347	PMM	COMB3	15	No Messages	No Messages
327	F48,3*3	Column	No Messages	0,388238	PMM	COMB3	15	No Messages	No Messages
651	F48,3*3	Column	No Messages	0,387146	PMM	COMB3	15	No Messages	No Messages
514	F48,3*3	Column	No Messages	0,386528	PMM	COMB5	185	No Messages	No Messages
232	F48,3*3	Column	No Messages	0,374791	PMM	COMB2	15	No Messages	No Messages
432	F48,3*3	Column	No Messages	0,374716	PMM	COMB2	15	No Messages	No Messages
643	F48,3*3	Column	No Messages	0,372843	PMM	COMB3	15	No Messages	No Messages
753	F48,3*3	Column	No Messages	0,372312	PMM	COMB3	15	No Messages	No Messages
752	F48,3*3	Column	No Messages	0,370899	PMM	COMB3	15	No Messages	No Messages
755	F48,3*3	Column	No Messages	0,370394	PMM	COMB3	15	No Messages	No Messages
751	F48,3*3	Column	No Messages	0,370363	PMM	COMB3	15	No Messages	No Messages
749	F48,3*3	Column	No Messages	0,37034	PMM	COMB3	15	No Messages	No Messages
754	F48,3*3	Column	No Messages	0,369334	PMM	COMB3	15	No Messages	No Messages
750	F48,3*3	Column	No Messages	0,369287	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
756	F48,3*3	Column	No Messages	0,366521	PMM	COMB2	15	No Messages	No Messages
22	F38*5	Column	No Messages	0,362905	PMM	COMB2	72,585	No Messages	No Messages
1172	F48,3*3	Column	No Messages	0,362254	PMM	COMB2	185	No Messages	No Messages
337	F48,3*3	Column	No Messages	0,362196	PMM	COMB3	15	No Messages	No Messages
1174	F48,3*3	Column	No Messages	0,361149	PMM	COMB2	185	No Messages	No Messages
1170	F48,3*3	Column	No Messages	0,36114	PMM	COMB2	185	No Messages	No Messages
1173	F48,3*3	Column	No Messages	0,360655	PMM	COMB3	185	No Messages	No Messages
1171	F48,3*3	Column	No Messages	0,3598	PMM	COMB3	185	No Messages	No Messages
1175	F48,3*3	Column	No Messages	0,359596	PMM	COMB3	185	No Messages	No Messages
1169	F48,3*3	Column	No Messages	0,359402	PMM	COMB3	185	No Messages	No Messages
1176	F48,3*3	Column	No Messages	0,358343	PMM	COMB2	185	No Messages	No Messages
1067	F48,3*3	Column	No Messages	0,353719	PMM	COMB3	185	No Messages	No Messages
537	F48,3*3	Column	No Messages	0,353384	PMM	COMB3	15	No Messages	No Messages
748	F48,3*3	Column	No Messages	0,353134	PMM	COMB2	15	No Messages	No Messages
857	F48,3*3	Column	No Messages	0,352983	PMM	COMB3	15	No Messages	No Messages
1068	F48,3*3	Column	No Messages	0,352736	PMM	COMB3	185	No Messages	No Messages
1065	F48,3*3	Column	No Messages	0,352636	PMM	COMB3	185	No Messages	No Messages
1069	F48,3*3	Column	No Messages	0,352601	PMM	COMB3	185	No Messages	No Messages
1070	F48,3*3	Column	No Messages	0,352067	PMM	COMB3	185	No Messages	No Messages
1066	F48,3*3	Column	No Messages	0,35183	PMM	COMB3	185	No Messages	No Messages
858	F48,3*3	Column	No Messages	0,351729	PMM	COMB3	15	No Messages	No Messages
1271	F48,3*3	Column	No Messages	0,351669	PMM	COMB5	12,8	No Messages	No Messages
1064	F48,3*3	Column	No Messages	0,351546	PMM	COMB3	185	No Messages	No Messages
855	F48,3*3	Column	No Messages	0,351309	PMM	COMB3	15	No Messages	No Messages
859	F48,3*3	Column	No Messages	0,351254	PMM	COMB3	15	No Messages	No Messages
860	F48,3*3	Column	No Messages	0,350674	PMM	COMB3	15	No Messages	No Messages
1071	F48,3*3	Column	No Messages	0,350591	PMM	COMB3	185	No Messages	No Messages
856	F48,3*3	Column	No Messages	0,350216	PMM	COMB3	15	No Messages	No Messages
854	F48,3*3	Column	No Messages	0,349797	PMM	COMB3	15	No Messages	No Messages
861	F48,3*3	Column	No Messages	0,349388	PMM	COMB3	15	No Messages	No Messages
829	F48,3*3	Column	No Messages	0,348638	PMM	COMB5	12,8	No Messages	No Messages
1168	F48,3*3	Column	No Messages	0,347959	PMM	COMB2	185	No Messages	No Messages
1312	F48,3*3	Beam	No Messages	0,344926	PMM	COMB5	2,415	No Messages	No Messages
1304	F48,3*3	Beam	No Messages	0,342971	PMM	COMB5	2,415	No Messages	No Messages
442	F48,3*3	Column	No Messages	0,342361	PMM	COMB2	15	No Messages	No Messages
1063	F48,3*3	Column	No Messages	0,341533	PMM	COMB3	185	No Messages	No Messages
1263	F48,3*3	Column	No Messages	0,340834	PMM	COMB5	12,8	No Messages	No Messages
1310	F48,3*3	Beam	No Messages	0,338562	PMM	COMB5	2,415	No Messages	No Messages
642	F48,3*3	Column	No Messages	0,338514	PMM	COMB2	15	No Messages	No Messages
1306	F48,3*3	Beam	No Messages	0,338497	PMM	COMB5	2,415	No Messages	No Messages
724	F48,3*3	Column	No Messages	0,337269	PMM	COMB5	185	No Messages	No Messages
853	F48,3*3	Column	No Messages	0,336321	PMM	COMB3	15	No Messages	No Messages
1258	F48,3*3	Column	No Messages	0,33571	PMM	COMB5	12,8	No Messages	No Messages
1254	F48,3*3	Column	No Messages	0,334584	PMM	COMB5	12,8	No Messages	No Messages
1267	F48,3*3	Column	No Messages	0,333777	PMM	COMB5	12,8	No Messages	No Messages
1311	F48,3*3	Beam	No Messages	0,332389	PMM	COMB5	2,415	No Messages	No Messages
963	F48,3*3	Column	No Messages	0,331192	PMM	COMB3	15	No Messages	No Messages
1307	F48,3*3	Beam	No Messages	0,331097	PMM	COMB5	2,415	No Messages	No Messages
1305	F48,3*3	Beam	No Messages	0,330727	PMM	COMB5	2,415	No Messages	No Messages
1308	F48,3*3	Beam	No Messages	0,330565	PMM	COMB5	2,415	No Messages	No Messages
1309	F48,3*3	Beam	No Messages	0,329751	PMM	COMB1	57	No Messages	No Messages
962	F48,3*3	Column	No Messages	0,329635	PMM	COMB3	15	No Messages	No Messages
961	F48,3*3	Column	No Messages	0,329479	PMM	COMB3	15	No Messages	No Messages
965	F48,3*3	Column	No Messages	0,32943	PMM	COMB3	15	No Messages	No Messages
959	F48,3*3	Column	No Messages	0,329374	PMM	COMB3	15	No Messages	No Messages
547	F48,3*3	Column	No Messages	0,328525	PMM	COMB3	15	No Messages	No Messages
964	F48,3*3	Column	No Messages	0,3284	PMM	COMB3	15	No Messages	No Messages
960	F48,3*3	Column	No Messages	0,328344	PMM	COMB3	15	No Messages	No Messages
1265	F48,3*3	Column	No Messages	0,327372	PMM	COMB5	12,8	No Messages	No Messages
1256	F48,3*3	Column	No Messages	0,32715	PMM	COMB5	12,8	No Messages	No Messages
966	F48,3*3	Column	No Messages	0,32653	PMM	COMB2	15	No Messages	No Messages
1260	F48,3*3	Column	No Messages	0,324366	PMM	COMB5	12,8	No Messages	No Messages
1269	F48,3*3	Column	No Messages	0,32413	PMM	COMB5	100	No Messages	No Messages
1096	F48,3*3	Beam	No Messages	0,318069	PMM	COMB1	57	No Messages	No Messages
1095	F48,3*3	Beam	No Messages	0,318015	PMM	COMB1	57	No Messages	No Messages
1094	F48,3*3	Beam	No Messages	0,317948	PMM	COMB1	57	No Messages	No Messages
1097	F48,3*3	Beam	No Messages	0,317928	PMM	COMB1	57	No Messages	No Messages
1101	F48,3*3	Beam	No Messages	0,317888	PMM	COMB1	57	No Messages	No Messages
1100	F48,3*3	Beam	No Messages	0,317866	PMM	COMB1	57	No Messages	No Messages
1102	F48,3*3	Beam	No Messages	0,317799	PMM	COMB1	57	No Messages	No Messages
1099	F48,3*3	Beam	No Messages	0,317638	PMM	COMB1	57	No Messages	No Messages
1098	F48,3*3	Beam	No Messages	0,317618	PMM	COMB1	57	No Messages	No Messages
1252	F48,3*3	Column	No Messages	0,317545	PMM	COMB5	100	No Messages	No Messages
747	F48,3*3	Column	No Messages	0,316315	PMM	COMB3	15	No Messages	No Messages
958	F48,3*3	Column	No Messages	0,315631	PMM	COMB3	15	No Messages	No Messages
652	F48,3*3	Column	No Messages	0,308558	PMM	COMB2	15	No Messages	No Messages
852	F48,3*3	Column	No Messages	0,300345	PMM	COMB2	15	No Messages	No Messages
1313	F48,3*3	Beam	No Messages	0,300242	PMM	COMB5	2,415	No Messages	No Messages
1039	F48,3*3	Column	No Messages	0,297862	PMM	COMB5	12,8	No Messages	No Messages
1208	F48,3*3	Beam	No Messages	0,296151	PMM	COMB1	57	No Messages	No Messages
1198	F48,3*3	Beam	No Messages	0,295176	PMM	COMB1	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
757	F48,3*3	Column	No Messages	0,294104	PMM	COMB3	15	No Messages	No Messages
1103	F48,3*3	Beam	No Messages	0,29334	PMM	COMB5	57	No Messages	No Messages
934	F48,3*3	Column	No Messages	0,283297	PMM	COMB5	185	No Messages	No Messages
1062	F48,3*3	Column	No Messages	0,279779	PMM	COMB2	185	No Messages	No Messages
893	F48,3*3	Beam	No Messages	0,27906	PMM	COMB5	89	No Messages	No Messages
1344	KALAS	Beam	No Messages	0,27678	PMM	COMB2	150	No Messages	No Messages
1083	KALAS	Beam	No Messages	0,276458	PMM	COMB2	150	No Messages	No Messages
957	F48,3*3	Column	No Messages	0,27625	PMM	COMB3	15	No Messages	No Messages
1104	KALAS	Beam	No Messages	0,276233	PMM	COMB2	150	No Messages	No Messages
1461	KALAS	Beam	No Messages	0,275869	PMM	COMB2	100	No Messages	No Messages
1295	KALAS	Beam	No Messages	0,275189	PMM	COMB2	100	No Messages	No Messages
1092	KALAS	Beam	No Messages	0,275088	PMM	COMB2	100	No Messages	No Messages
1296	KALAS	Beam	No Messages	0,274969	PMM	COMB2	100	No Messages	No Messages
1084	KALAS	Beam	No Messages	0,274695	PMM	COMB2	100	No Messages	No Messages
1113	KALAS	Beam	No Messages	0,274623	PMM	COMB2	100	No Messages	No Messages
1294	KALAS	Beam	No Messages	0,274438	PMM	COMB2	150	No Messages	No Messages
1105	KALAS	Beam	No Messages	0,274421	PMM	COMB2	100	No Messages	No Messages
1297	KALAS	Beam	No Messages	0,274383	PMM	COMB2	100	No Messages	No Messages
862	F48,3*3	Column	No Messages	0,274317	PMM	COMB2	15	No Messages	No Messages
1357	KALAS	Beam	No Messages	0,274174	PMM	COMB2	100	No Messages	No Messages
1293	KALAS	Beam	No Messages	0,273146	PMM	COMB3	100	No Messages	No Messages
1091	KALAS	Beam	No Messages	0,272768	PMM	COMB2	150	No Messages	No Messages
1298	KALAS	Beam	No Messages	0,272644	PMM	COMB3	150	No Messages	No Messages
1088	KALAS	Beam	No Messages	0,272241	PMM	COMB2	100	No Messages	No Messages
1112	KALAS	Beam	No Messages	0,272189	PMM	COMB2	150	No Messages	No Messages
1086	KALAS	Beam	No Messages	0,272166	PMM	COMB2	150	No Messages	No Messages
1090	KALAS	Beam	No Messages	0,271955	PMM	COMB2	100	No Messages	No Messages
1107	KALAS	Beam	No Messages	0,27194	PMM	COMB2	150	No Messages	No Messages
1448	KALAS	Beam	No Messages	0,271851	PMM	COMB2	150	No Messages	No Messages
1299	KALAS	Beam	No Messages	0,271797	PMM	COMB3	100	No Messages	No Messages
1089	KALAS	Beam	No Messages	0,271744	PMM	COMB2	100	No Messages	No Messages
1383	KALAS	Beam	No Messages	0,271676	PMM	COMB2	150	No Messages	No Messages
1109	KALAS	Beam	No Messages	0,271635	PMM	COMB2	100	No Messages	No Messages
1409	KALAS	Beam	No Messages	0,27142	PMM	COMB2	100	No Messages	No Messages
1087	KALAS	Beam	No Messages	0,271323	PMM	COMB2	100	No Messages	No Messages
1111	KALAS	Beam	No Messages	0,271316	PMM	COMB2	100	No Messages	No Messages
1110	KALAS	Beam	No Messages	0,271139	PMM	COMB2	100	No Messages	No Messages
1300	KALAS	Beam	No Messages	0,271122	PMM	COMB3	100	No Messages	No Messages
1435	KALAS	Beam	No Messages	0,2711	PMM	COMB2	100	No Messages	No Messages
1422	KALAS	Beam	No Messages	0,271036	PMM	COMB2	100	No Messages	No Messages
1108	KALAS	Beam	No Messages	0,271021	PMM	COMB2	150	No Messages	No Messages
1085	KALAS	Beam	No Messages	0,270983	PMM	COMB2	150	No Messages	No Messages
1317	KALAS	Beam	No Messages	0,270962	PMM	COMB2	100	No Messages	No Messages
1396	KALAS	Beam	No Messages	0,270937	PMM	COMB2	100	No Messages	No Messages
1318	KALAS	Beam	No Messages	0,270883	PMM	COMB2	100	No Messages	No Messages
1316	KALAS	Beam	No Messages	0,270823	PMM	COMB2	100	No Messages	No Messages
1106	KALAS	Beam	No Messages	0,270729	PMM	COMB2	150	No Messages	No Messages
1319	KALAS	Beam	No Messages	0,270647	PMM	COMB2	100	No Messages	No Messages
1370	KALAS	Beam	No Messages	0,27063	PMM	COMB2	150	No Messages	No Messages
1301	KALAS	Beam	No Messages	0,270516	PMM	COMB3	100	No Messages	No Messages
1315	KALAS	Beam	No Messages	0,270414	PMM	COMB2	150	No Messages	No Messages
1320	KALAS	Beam	No Messages	0,270355	PMM	COMB3	100	No Messages	No Messages
1314	KALAS	Beam	No Messages	0,270133	PMM	COMB2	100	No Messages	No Messages
1321	KALAS	Beam	No Messages	0,270041	PMM	COMB3	100	No Messages	No Messages
1302	KALAS	Beam	No Messages	0,269832	PMM	COMB2	100	No Messages	No Messages
1322	KALAS	Beam	No Messages	0,26973	PMM	COMB3	100	No Messages	No Messages
1346	KALAS	Beam	No Messages	0,269641	PMM	COMB3	100	No Messages	No Messages
1385	KALAS	Beam	No Messages	0,269523	PMM	COMB2	100	No Messages	No Messages
1398	KALAS	Beam	No Messages	0,269516	PMM	COMB2	100	No Messages	No Messages
1372	KALAS	Beam	No Messages	0,26951	PMM	COMB2	100	No Messages	No Messages
1323	KALAS	Beam	No Messages	0,269483	PMM	COMB3	150	No Messages	No Messages
1411	KALAS	Beam	No Messages	0,269464	PMM	COMB2	100	No Messages	No Messages
1359	KALAS	Beam	No Messages	0,269454	PMM	COMB3	150	No Messages	No Messages
1424	KALAS	Beam	No Messages	0,269396	PMM	COMB3	100	No Messages	No Messages
1437	KALAS	Beam	No Messages	0,269297	PMM	COMB3	100	No Messages	No Messages
1450	KALAS	Beam	No Messages	0,269212	PMM	COMB3	100	No Messages	No Messages
1463	KALAS	Beam	No Messages	0,269205	PMM	COMB3	150	No Messages	No Messages
683	F48,3*3	Beam	No Messages	0,266369	PMM	COMB5	89	No Messages	No Messages
1167	F48,3*3	Column	No Messages	0,260974	PMM	COMB3	185	No Messages	No Messages
967	F48,3*3	Column	No Messages	0,258321	PMM	COMB3	15	No Messages	No Messages
1072	F48,3*3	Column	No Messages	0,257795	PMM	COMB2	185	No Messages	No Messages
473	F48,3*3	Beam	No Messages	0,253735	PMM	COMB5	89	No Messages	No Messages
1277	F48,3*3	Column	No Messages	0,253091	PMM	COMB3	15	No Messages	No Messages
1278	F48,3*3	Column	No Messages	0,252042	PMM	COMB3	15	No Messages	No Messages
1279	F48,3*3	Column	No Messages	0,251894	PMM	COMB3	15	No Messages	No Messages
1275	F48,3*3	Column	No Messages	0,251893	PMM	COMB3	15	No Messages	No Messages
1276	F48,3*3	Column	No Messages	0,251138	PMM	COMB3	15	No Messages	No Messages
1280	F48,3*3	Column	No Messages	0,25102	PMM	COMB3	15	No Messages	No Messages
1274	F48,3*3	Column	No Messages	0,250413	PMM	COMB3	15	No Messages	No Messages
1281	F48,3*3	Column	No Messages	0,248384	PMM	COMB3	15	No Messages	No Messages
1177	F48,3*3	Column	No Messages	0,24662	PMM	COMB3	185	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
1144	F48,3*3	Column	No Messages	0,246049	PMM	COMB5	185	No Messages	No Messages
263	F48,3*3	Beam	No Messages	0,24123	PMM	COMB5	89	No Messages	No Messages
1273	F48,3*3	Column	No Messages	0,238064	PMM	COMB3	15	No Messages	No Messages
892	F48,3*3	Beam	No Messages	0,223601	PMM	COMB5	89	No Messages	No Messages
682	F48,3*3	Beam	No Messages	0,214076	PMM	COMB5	89	No Messages	No Messages
472	F48,3*3	Beam	No Messages	0,204668	PMM	COMB5	89	No Messages	No Messages
262	F48,3*3	Beam	No Messages	0,1953	PMM	COMB5	89	No Messages	No Messages
1249	F48,3*3	Column	No Messages	0,194413	PMM	COMB5	12,8	No Messages	No Messages
53	F48,3*3	Beam	No Messages	0,166395	PMM	COMB5	23	No Messages	No Messages
1303	F48,3*3	Beam	No Messages	0,166033	PMM	COMB1	57	No Messages	No Messages
1272	F48,3*3	Column	No Messages	0,163513	PMM	COMB3	15	No Messages	No Messages
1093	F48,3*3	Beam	No Messages	0,159422	PMM	COMB1	57	No Messages	No Messages
52	F48,3*3	Beam	No Messages	0,154482	PMM	COMB5	23	No Messages	No Messages
1282	F48,3*3	Column	No Messages	0,148438	PMM	COMB3	15	No Messages	No Messages
998	F48,3*3	Beam	No Messages	0,146234	PMM	COMB5	89	No Messages	No Messages
990	F48,3*3	Beam	No Messages	0,143646	PMM	COMB5	103,585	No Messages	No Messages
46	F48,3*3	Beam	No Messages	0,143285	PMM	COMB5	23	No Messages	No Messages
996	F48,3*3	Beam	No Messages	0,142988	PMM	COMB5	103,585	No Messages	No Messages
48	F48,3*3	Beam	No Messages	0,141978	PMM	COMB5	23	No Messages	No Messages
50	F48,3*3	Beam	No Messages	0,141715	PMM	COMB5	23	No Messages	No Messages
44	F48,3*3	Beam	No Messages	0,141514	PMM	COMB5	23	No Messages	No Messages
788	F48,3*3	Beam	No Messages	0,141186	PMM	COMB5	89	No Messages	No Messages
994	F48,3*3	Beam	No Messages	0,140008	PMM	COMB5	103,585	No Messages	No Messages
992	F48,3*3	Beam	No Messages	0,137155	PMM	COMB5	103,585	No Messages	No Messages
47	F48,3*3	Beam	No Messages	0,137017	PMM	COMB5	23	No Messages	No Messages
45	F48,3*3	Beam	No Messages	0,136892	PMM	COMB5	23	No Messages	No Messages
49	F48,3*3	Beam	No Messages	0,136744	PMM	COMB5	23	No Messages	No Messages
888	F48,3*3	Beam	No Messages	0,136634	PMM	COMB5	103,585	No Messages	No Messages
578	F48,3*3	Beam	No Messages	0,136057	PMM	COMB5	89	No Messages	No Messages
51	F48,3*3	Beam	No Messages	0,135859	PMM	COMB5	23	No Messages	No Messages
780	F48,3*3	Beam	No Messages	0,134821	PMM	COMB5	103,585	No Messages	No Messages
786	F48,3*3	Beam	No Messages	0,134138	PMM	COMB5	103,585	No Messages	No Messages
368	F48,3*3	Beam	No Messages	0,131509	PMM	COMB5	57	No Messages	No Messages
784	F48,3*3	Beam	No Messages	0,131261	PMM	COMB5	103,585	No Messages	No Messages
106	F48,3*3	Brace	No Messages	0,130515	PMM	COMB2	160,078	No Messages	No Messages
158	F48,3*3	Beam	No Messages	0,130416	PMM	COMB5	89	No Messages	No Messages
678	F48,3*3	Beam	No Messages	0,129894	PMM	COMB5	103,585	No Messages	No Messages
886	F48,3*3	Beam	No Messages	0,129887	PMM	COMB5	103,585	No Messages	No Messages
883	F48,3*3	Beam	No Messages	0,129737	PMM	COMB5	89	No Messages	No Messages
782	F48,3*3	Beam	No Messages	0,128561	PMM	COMB5	103,585	No Messages	No Messages
570	F48,3*3	Beam	No Messages	0,127309	PMM	COMB5	103,585	No Messages	No Messages
1459	KALAS	Beam	No Messages	0,127193	PMM	COMB5	0	No Messages	No Messages
576	F48,3*3	Beam	No Messages	0,126581	PMM	COMB5	103,585	No Messages	No Messages
574	F48,3*3	Beam	No Messages	0,12371	PMM	COMB5	103,585	No Messages	No Messages
884	F48,3*3	Beam	No Messages	0,123487	PMM	COMB5	103,585	No Messages	No Messages
676	F48,3*3	Beam	No Messages	0,123479	PMM	COMB5	103,585	No Messages	No Messages
890	F48,3*3	Beam	No Messages	0,123191	PMM	COMB5	103,585	No Messages	No Messages
468	F48,3*3	Beam	No Messages	0,121713	PMM	COMB5	103,585	No Messages	No Messages
673	F48,3*3	Beam	No Messages	0,121638	PMM	COMB5	89	No Messages	No Messages
903	KALAS	Beam	No Messages	0,121392	PMM	COMB5	0	No Messages	No Messages
572	F48,3*3	Beam	No Messages	0,121282	PMM	COMB5	103,585	No Messages	No Messages
1457	KALAS	Beam	No Messages	0,120677	PMM	COMB5	0	No Messages	No Messages
882	KALAS	Beam	No Messages	0,119549	PMM	COMB5	0	No Messages	No Messages
360	F48,3*3	Beam	No Messages	0,119157	PMM	COMB5	103,585	No Messages	No Messages
674	F48,3*3	Beam	No Messages	0,118833	PMM	COMB5	103,585	No Messages	No Messages
1145	F48,3*3	Brace	No Messages	0,118677	PMM	COMB3	160,078	No Messages	No Messages
366	F48,3*3	Beam	No Messages	0,118394	PMM	COMB5	103,585	No Messages	No Messages
680	F48,3*3	Beam	No Messages	0,117155	PMM	COMB5	103,585	No Messages	No Messages
466	F48,3*3	Beam	No Messages	0,115831	PMM	COMB5	103,585	No Messages	No Messages
364	F48,3*3	Beam	No Messages	0,115253	PMM	COMB5	103,585	No Messages	No Messages
693	KALAS	Beam	No Messages	0,115149	PMM	COMB5	0	No Messages	No Messages
1455	KALAS	Beam	No Messages	0,114142	PMM	COMB5	0	No Messages	No Messages
463	F48,3*3	Beam	No Messages	0,113805	PMM	COMB5	57	No Messages	No Messages
464	F48,3*3	Beam	No Messages	0,11344	PMM	COMB5	103,585	No Messages	No Messages
672	KALAS	Beam	No Messages	0,113381	PMM	COMB5	0	No Messages	No Messages
362	F48,3*3	Beam	No Messages	0,113373	PMM	COMB5	103,585	No Messages	No Messages
1123	F48,3*3	Beam	No Messages	0,113333	PMM	COMB5	250	No Messages	No Messages
150	F48,3*3	Beam	No Messages	0,112329	PMM	COMB5	103,585	No Messages	No Messages
258	F48,3*3	Beam	No Messages	0,111542	PMM	COMB5	103,585	No Messages	No Messages
156	F48,3*3	Beam	No Messages	0,110174	PMM	COMB5	103,585	No Messages	No Messages
988	F48,3*3	Beam	No Messages	0,110078	PMM	COMB5	89	No Messages	No Messages
470	F48,3*3	Beam	No Messages	0,109897	PMM	COMB5	103,585	No Messages	No Messages
154	F48,3*3	Beam	No Messages	0,109323	PMM	COMB5	103,585	No Messages	No Messages
483	KALAS	Beam	No Messages	0,108886	PMM	COMB5	0	No Messages	No Messages
1453	KALAS	Beam	No Messages	0,108166	PMM	COMB5	50	No Messages	No Messages
913	F48,3*3	Beam	No Messages	0,107838	PMM	COMB5	250	No Messages	No Messages
462	KALAS	Beam	No Messages	0,107516	PMM	COMB5	50	No Messages	No Messages
152	F48,3*3	Beam	No Messages	0,107116	PMM	COMB5	103,585	No Messages	No Messages
881	KALAS	Beam	No Messages	0,106868	PMM	COMB5	200	No Messages	No Messages
253	F48,3*3	Beam	No Messages	0,106773	PMM	COMB5	57	No Messages	No Messages
254	F48,3*3	Beam	No Messages	0,106699	PMM	COMB5	103,585	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
256	F48,3*3	Beam	No Messages	0,106459	PMM	COMB5	103,585	No Messages	No Messages
902	KALAS	Beam	No Messages	0,104202	PMM	COMB5	200	No Messages	No Messages
211	F48,3*3	Brace	No Messages	0,103711	PMM	COMB5	160,078	No Messages	No Messages
252	KALAS	Beam	No Messages	0,103003	PMM	COMB5	50	No Messages	No Messages
703	F48,3*3	Beam	No Messages	0,102783	PMM	COMB5	250	No Messages	No Messages
273	KALAS	Beam	No Messages	0,102752	PMM	COMB5	0	No Messages	No Messages
671	KALAS	Beam	No Messages	0,102592	PMM	COMB5	200	No Messages	No Messages
1446	KALAS	Beam	No Messages	0,101821	PMM	COMB5	200	No Messages	No Messages
778	F48,3*3	Beam	No Messages	0,101738	PMM	COMB5	89	No Messages	No Messages
260	F48,3*3	Beam	No Messages	0,101313	PMM	COMB5	57	No Messages	No Messages
316	F48,3*3	Brace	No Messages	0,100023	PMM	COMB5	160,078	No Messages	No Messages
692	KALAS	Beam	No Messages	0,099986	PMM	COMB5	200	No Messages	No Messages
421	F48,3*3	Brace	No Messages	0,099594	PMM	COMB5	160,078	No Messages	No Messages
935	F48,3*3	Brace	No Messages	0,098681	PMM	COMB3	160,078	No Messages	No Messages
493	F48,3*3	Beam	No Messages	0,098328	PMM	COMB5	0	No Messages	No Messages
461	KALAS	Beam	No Messages	0,098288	PMM	COMB5	200	No Messages	No Messages
1444	KALAS	Beam	No Messages	0,097711	PMM	COMB5	200	No Messages	No Messages
482	KALAS	Beam	No Messages	0,095743	PMM	COMB5	200	No Messages	No Messages
283	F48,3*3	Beam	No Messages	0,095089	PMM	COMB5	0	No Messages	No Messages
251	KALAS	Beam	No Messages	0,094107	PMM	COMB5	200	No Messages	No Messages
526	F48,3*3	Brace	No Messages	0,093897	PMM	COMB5	160,078	No Messages	No Messages
568	F48,3*3	Beam	No Messages	0,093636	PMM	COMB5	89	No Messages	No Messages
1442	KALAS	Beam	No Messages	0,093572	PMM	COMB5	200	No Messages	No Messages
631	F48,3*3	Brace	No Messages	0,093079	PMM	COMB5	160,078	No Messages	No Messages
272	KALAS	Beam	No Messages	0,091627	PMM	COMB5	200	No Messages	No Messages
1440	KALAS	Beam	No Messages	0,089557	PMM	COMB5	200	No Messages	No Messages
891	F48,3*3	Beam	No Messages	0,088317	PMM	COMB5	23	No Messages	No Messages
736	F48,3*3	Brace	No Messages	0,088196	PMM	COMB5	160,078	No Messages	No Messages
841	F48,3*3	Brace	No Messages	0,087467	PMM	COMB5	160,078	No Messages	No Messages
358	F48,3*3	Beam	No Messages	0,085539	PMM	COMB5	89	No Messages	No Messages
95	F48,3*3	Brace	No Messages	0,084127	PMM	COMB3	160,078	No Messages	No Messages
1051	F48,3*3	Brace	No Messages	0,083569	PMM	COMB5	160,078	No Messages	No Messages
725	F48,3*3	Brace	No Messages	0,083239	PMM	COMB3	160,078	No Messages	No Messages
681	F48,3*3	Beam	No Messages	0,081885	PMM	COMB5	23	No Messages	No Messages
43	F48,3*3	Beam	No Messages	0,081619	PMM	COMB5	23	No Messages	No Messages
946	F48,3*3	Brace	No Messages	0,080999	PMM	COMB2	160,078	No Messages	No Messages
1342	KALAS	Beam	No Messages	0,079518	PMM	COMB5	200	No Messages	No Messages
148	F48,3*3	Beam	No Messages	0,079065	PMM	COMB5	89	No Messages	No Messages
515	F48,3*3	Brace	No Messages	0,077851	PMM	COMB3	160,078	No Messages	No Messages
305	F48,3*3	Brace	No Messages	0,07733	PMM	COMB3	160,078	No Messages	No Messages
1340	KALAS	Beam	No Messages	0,07712	PMM	COMB5	200	No Messages	No Messages
155	F48,3*3	Beam	No Messages	0,076972	PMM	COMB5	2,415	No Messages	No Messages
1156	F48,3*3	Brace	No Messages	0,076873	PMM	COMB5	160,078	No Messages	No Messages
151	F48,3*3	Beam	No Messages	0,076698	PMM	COMB5	2,415	No Messages	No Messages
894	KALAS	Beam	No Messages	0,07615	PMM	COMB5	200	No Messages	No Messages
149	F48,3*3	Beam	No Messages	0,076008	PMM	COMB5	2,415	No Messages	No Messages
873	KALAS	Beam	No Messages	0,075989	PMM	COMB5	200	No Messages	No Messages
993	F48,3*3	Beam	No Messages	0,075759	PMM	COMB5	23	No Messages	No Messages
779	F48,3*3	Beam	No Messages	0,07573	PMM	COMB5	57	No Messages	No Messages
153	F48,3*3	Beam	No Messages	0,075699	PMM	COMB5	2,415	No Messages	No Messages
783	F48,3*3	Beam	No Messages	0,075654	PMM	COMB5	23	No Messages	No Messages
569	F48,3*3	Beam	No Messages	0,075574	PMM	COMB5	57	No Messages	No Messages
157	F48,3*3	Beam	No Messages	0,075555	PMM	COMB5	2,415	No Messages	No Messages
471	F48,3*3	Beam	No Messages	0,075384	PMM	COMB5	23	No Messages	No Messages
995	F48,3*3	Beam	No Messages	0,07538	PMM	COMB5	23	No Messages	No Messages
359	F48,3*3	Beam	No Messages	0,075315	PMM	COMB5	57	No Messages	No Messages
785	F48,3*3	Beam	No Messages	0,075222	PMM	COMB5	23	No Messages	No Messages
1338	KALAS	Beam	No Messages	0,074743	PMM	COMB5	200	No Messages	No Messages
987	KALAS	Beam	No Messages	0,0744	PMM	COMB5	100	No Messages	No Messages
989	F48,3*3	Beam	No Messages	0,073998	PMM	COMB5	57	No Messages	No Messages
684	KALAS	Beam	No Messages	0,073968	PMM	COMB5	200	No Messages	No Messages
978	KALAS	Beam	No Messages	0,073876	PMM	COMB5	150	No Messages	No Messages
885	F48,3*3	Beam	No Messages	0,07387	PMM	COMB5	23	No Messages	No Messages
663	KALAS	Beam	No Messages	0,073828	PMM	COMB5	200	No Messages	No Messages
573	F48,3*3	Beam	No Messages	0,073428	PMM	COMB5	23	No Messages	No Messages
889	F48,3*3	Beam	No Messages	0,073262	PMM	COMB5	23	No Messages	No Messages
575	F48,3*3	Beam	No Messages	0,07316	PMM	COMB5	23	No Messages	No Messages
777	KALAS	Beam	No Messages	0,07295	PMM	COMB5	100	No Messages	No Messages
261	F48,3*3	Beam	No Messages	0,07269	PMM	COMB5	57	No Messages	No Messages
1460	KALAS	Beam	No Messages	0,072523	PMM	COMB5	50	No Messages	No Messages
1008	KALAS	Beam	No Messages	0,072389	PMM	COMB5	50	No Messages	No Messages
887	F48,3*3	Beam	No Messages	0,07237	PMM	COMB5	23	No Messages	No Messages
1336	KALAS	Beam	No Messages	0,072351	PMM	COMB5	200	No Messages	No Messages
768	KALAS	Beam	No Messages	0,072325	PMM	COMB5	150	No Messages	No Messages
1343	KALAS	Beam	No Messages	0,072234	PMM	COMB5	150	No Messages	No Messages
999	KALAS	Beam	No Messages	0,072207	PMM	COMB5	150	No Messages	No Messages
474	KALAS	Beam	No Messages	0,071811	PMM	COMB5	200	No Messages	No Messages
453	KALAS	Beam	No Messages	0,071705	PMM	COMB5	200	No Messages	No Messages
567	KALAS	Beam	No Messages	0,071504	PMM	COMB5	100	No Messages	No Messages
991	F48,3*3	Beam	No Messages	0,071253	PMM	COMB5	23	No Messages	No Messages
997	F48,3*3	Beam	No Messages	0,071184	PMM	COMB5	23	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
365	F48,3*3	Beam	No Messages	0,071148	PMM	COMB5	57	No Messages	No Messages
363	F48,3*3	Beam	No Messages	0,07095	PMM	COMB5	23	No Messages	No Messages
675	F48,3*3	Beam	No Messages	0,070858	PMM	COMB5	23	No Messages	No Messages
1341	KALAS	Beam	No Messages	0,070846	PMM	COMB5	150	No Messages	No Messages
789	KALAS	Beam	No Messages	0,070821	PMM	COMB5	150	No Messages	No Messages
558	KALAS	Beam	No Messages	0,070782	PMM	COMB5	150	No Messages	No Messages
798	KALAS	Beam	No Messages	0,07055	PMM	COMB5	100	No Messages	No Messages
255	F48,3*3	Beam	No Messages	0,070486	PMM	COMB5	57	No Messages	No Messages
1458	KALAS	Beam	No Messages	0,07043	PMM	COMB5	50	No Messages	No Messages
781	F48,3*3	Beam	No Messages	0,070406	PMM	COMB5	23	No Messages	No Messages
243	KALAS	Beam	No Messages	0,070305	PMM	COMB5	150	No Messages	No Messages
357	KALAS	Beam	No Messages	0,070067	PMM	COMB5	100	No Messages	No Messages
679	F48,3*3	Beam	No Messages	0,070021	PMM	COMB5	23	No Messages	No Messages
571	F48,3*3	Beam	No Messages	0,069658	PMM	COMB5	57	No Messages	No Messages
264	KALAS	Beam	No Messages	0,069628	PMM	COMB5	200	No Messages	No Messages
787	F48,3*3	Beam	No Messages	0,069554	PMM	COMB5	23	No Messages	No Messages
1339	KALAS	Beam	No Messages	0,069458	PMM	COMB5	150	No Messages	No Messages
579	KALAS	Beam	No Messages	0,069429	PMM	COMB5	150	No Messages	No Messages
677	F48,3*3	Beam	No Messages	0,069423	PMM	COMB5	23	No Messages	No Messages
465	F48,3*3	Beam	No Messages	0,069418	PMM	COMB5	57	No Messages	No Messages
147	KALAS	Beam	No Messages	0,069409	PMM	COMB5	100	No Messages	No Messages
361	F48,3*3	Beam	No Messages	0,069336	PMM	COMB5	57	No Messages	No Messages
348	KALAS	Beam	No Messages	0,069225	PMM	COMB5	150	No Messages	No Messages
588	KALAS	Beam	No Messages	0,069096	PMM	COMB5	100	No Messages	No Messages
874	KALAS	Beam	No Messages	0,068918	PMM	COMB5	50	No Messages	No Messages
1456	KALAS	Beam	No Messages	0,068794	PMM	COMB5	100	No Messages	No Messages
895	KALAS	Beam	No Messages	0,068387	PMM	COMB5	50	No Messages	No Messages
138	KALAS	Beam	No Messages	0,068268	PMM	COMB5	150	No Messages	No Messages
1337	KALAS	Beam	No Messages	0,068068	PMM	COMB5	150	No Messages	No Messages
369	KALAS	Beam	No Messages	0,068032	PMM	COMB5	150	No Messages	No Messages
257	F48,3*3	Beam	No Messages	0,067764	PMM	COMB5	57	No Messages	No Messages
378	KALAS	Beam	No Messages	0,06764	PMM	COMB5	100	No Messages	No Messages
1355	KALAS	Beam	No Messages	0,067522	PMM	COMB5	50	No Messages	No Messages
664	KALAS	Beam	No Messages	0,067361	PMM	COMB5	50	No Messages	No Messages
1334	KALAS	Beam	No Messages	0,067345	PMM	COMB5	150	No Messages	No Messages
1454	KALAS	Beam	No Messages	0,067323	PMM	COMB5	100	No Messages	No Messages
577	F48,3*3	Beam	No Messages	0,067302	PMM	COMB5	57	No Messages	No Messages
159	KALAS	Beam	No Messages	0,067294	PMM	COMB5	150	No Messages	No Messages
467	F48,3*3	Beam	No Messages	0,067096	PMM	COMB5	57	No Messages	No Messages
259	F48,3*3	Beam	No Messages	0,067038	PMM	COMB5	57	No Messages	No Messages
469	F48,3*3	Beam	No Messages	0,066969	PMM	COMB5	23	No Messages	No Messages
685	KALAS	Beam	No Messages	0,066875	PMM	COMB5	50	No Messages	No Messages
168	KALAS	Beam	No Messages	0,066837	PMM	COMB5	100	No Messages	No Messages
1452	KALAS	Beam	No Messages	0,066653	PMM	COMB5	100	No Messages	No Messages
1356	KALAS	Beam	No Messages	0,066649	PMM	COMB5	50	No Messages	No Messages
1451	KALAS	Beam	No Messages	0,066524	PMM	COMB5	100	No Messages	No Messages
367	F48,3*3	Beam	No Messages	0,066377	PMM	COMB5	57	No Messages	No Messages
986	KALAS	Beam	No Messages	0,066166	PMM	COMB5	200	No Messages	No Messages
1353	KALAS	Beam	No Messages	0,066045	PMM	COMB5	50	No Messages	No Messages
1000	KALAS	Beam	No Messages	0,065962	PMM	COMB5	50	No Messages	No Messages
454	KALAS	Beam	No Messages	0,065881	PMM	COMB5	50	No Messages	No Messages
985	KALAS	Beam	No Messages	0,065759	PMM	COMB5	200	No Messages	No Messages
979	KALAS	Beam	No Messages	0,065419	PMM	COMB5	50	No Messages	No Messages
475	KALAS	Beam	No Messages	0,065417	PMM	COMB5	50	No Messages	No Messages
1447	KALAS	Beam	No Messages	0,065146	PMM	COMB5	200	No Messages	No Messages
42	KALAS	Beam	No Messages	0,065059	PMM	COMB5	100	No Messages	No Messages
1354	KALAS	Beam	No Messages	0,065001	PMM	COMB5	50	No Messages	No Messages
879	KALAS	Beam	No Messages	0,0649	PMM	COMB5	50	No Messages	No Messages
1007	KALAS	Beam	No Messages	0,064807	PMM	COMB5	200	No Messages	No Messages
1351	KALAS	Beam	No Messages	0,064613	PMM	COMB5	50	No Messages	No Messages
1434	KALAS	Beam	No Messages	0,064588	PMM	COMB5	200	No Messages	No Messages
775	KALAS	Beam	No Messages	0,064423	PMM	COMB5	200	No Messages	No Messages
776	KALAS	Beam	No Messages	0,0644	PMM	COMB5	200	No Messages	No Messages
790	KALAS	Beam	No Messages	0,064363	PMM	COMB5	50	No Messages	No Messages
244	KALAS	Beam	No Messages	0,064332	PMM	COMB5	50	No Messages	No Messages
1006	KALAS	Beam	No Messages	0,064214	PMM	COMB5	200	No Messages	No Messages
769	KALAS	Beam	No Messages	0,063973	PMM	COMB5	50	No Messages	No Messages
265	KALAS	Beam	No Messages	0,063889	PMM	COMB5	50	No Messages	No Messages
63	KALAS	Beam	No Messages	0,063795	PMM	COMB5	100	No Messages	No Messages
1369	KALAS	Beam	No Messages	0,063361	PMM	COMB5	50	No Messages	No Messages
1352	KALAS	Beam	No Messages	0,063339	PMM	COMB5	50	No Messages	No Messages
1445	KALAS	Beam	No Messages	0,063131	PMM	COMB5	200	No Messages	No Messages
1349	KALAS	Beam	No Messages	0,063111	PMM	COMB5	50	No Messages	No Messages
565	KALAS	Beam	No Messages	0,063066	PMM	COMB5	200	No Messages	No Messages
900	KALAS	Beam	No Messages	0,062988	PMM	COMB5	50	No Messages	No Messages
1432	KALAS	Beam	No Messages	0,06298	PMM	COMB5	200	No Messages	No Messages
669	KALAS	Beam	No Messages	0,062962	PMM	COMB5	50	No Messages	No Messages
797	KALAS	Beam	No Messages	0,062861	PMM	COMB5	200	No Messages	No Messages
580	KALAS	Beam	No Messages	0,062736	PMM	COMB5	50	No Messages	No Messages
796	KALAS	Beam	No Messages	0,062677	PMM	COMB5	200	No Messages	No Messages
566	KALAS	Beam	No Messages	0,062636	PMM	COMB5	200	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
1001	KALAS	Beam	No Messages	0,062596	PMM	COMB5	50	No Messages	No Messages
1420	KALAS	Beam	No Messages	0,062479	PMM	COMB5	50	No Messages	No Messages
878	KALAS	Beam	No Messages	0,062442	PMM	COMB5	50	No Messages	No Messages
559	KALAS	Beam	No Messages	0,062425	PMM	COMB5	50	No Messages	No Messages
41	KALAS	Beam	No Messages	0,06232	PMM	COMB5	150	No Messages	No Messages
355	KALAS	Beam	No Messages	0,061724	PMM	COMB5	200	No Messages	No Messages
980	KALAS	Beam	No Messages	0,061705	PMM	COMB5	50	No Messages	No Messages
1350	KALAS	Beam	No Messages	0,061677	PMM	COMB5	50	No Messages	No Messages
1367	KALAS	Beam	No Messages	0,061486	PMM	COMB5	50	No Messages	No Messages
145	KALAS	Beam	No Messages	0,06142	PMM	COMB5	200	No Messages	No Messages
1430	KALAS	Beam	No Messages	0,061375	PMM	COMB5	200	No Messages	No Messages
1443	KALAS	Beam	No Messages	0,061136	PMM	COMB5	200	No Messages	No Messages
586	KALAS	Beam	No Messages	0,061133	PMM	COMB5	200	No Messages	No Messages
668	KALAS	Beam	No Messages	0,061111	PMM	COMB5	50	No Messages	No Messages
370	KALAS	Beam	No Messages	0,061097	PMM	COMB5	50	No Messages	No Messages
690	KALAS	Beam	No Messages	0,061046	PMM	COMB5	50	No Messages	No Messages
459	KALAS	Beam	No Messages	0,061021	PMM	COMB5	50	No Messages	No Messages
62	KALAS	Beam	No Messages	0,060943	PMM	COMB5	150	No Messages	No Messages
1347	KALAS	Beam	No Messages	0,060935	PMM	COMB5	50	No Messages	No Messages
587	KALAS	Beam	No Messages	0,060927	PMM	COMB5	200	No Messages	No Messages
356	KALAS	Beam	No Messages	0,06088	PMM	COMB5	200	No Messages	No Messages
349	KALAS	Beam	No Messages	0,060827	PMM	COMB5	50	No Messages	No Messages
791	KALAS	Beam	No Messages	0,060776	PMM	COMB5	50	No Messages	No Messages
877	KALAS	Beam	No Messages	0,060641	PMM	COMB5	200	No Messages	No Messages
1114	F48,3*3	Beam	No Messages	0,060617	PMM	COMB5	0	No Messages	No Messages
1418	KALAS	Beam	No Messages	0,060586	PMM	COMB5	50	No Messages	No Messages
898	KALAS	Beam	No Messages	0,060447	PMM	COMB5	200	No Messages	No Messages
1394	KALAS	Beam	No Messages	0,06044	PMM	COMB5	200	No Messages	No Messages
139	KALAS	Beam	No Messages	0,060392	PMM	COMB5	50	No Messages	No Messages
160	KALAS	Beam	No Messages	0,06039	PMM	COMB5	50	No Messages	No Messages
146	KALAS	Beam	No Messages	0,06005	PMM	COMB5	200	No Messages	No Messages
770	KALAS	Beam	No Messages	0,059995	PMM	COMB5	50	No Messages	No Messages
899	KALAS	Beam	No Messages	0,059969	PMM	COMB5	50	No Messages	No Messages
1408	KALAS	Beam	No Messages	0,059857	PMM	COMB5	50	No Messages	No Messages
1439	KALAS	Beam	No Messages	0,059848	PMM	COMB5	150	No Messages	No Messages
458	KALAS	Beam	No Messages	0,059796	PMM	COMB5	50	No Messages	No Messages
1428	KALAS	Beam	No Messages	0,059775	PMM	COMB5	200	No Messages	No Messages
1365	KALAS	Beam	No Messages	0,059631	PMM	COMB5	50	No Messages	No Messages
1407	KALAS	Beam	No Messages	0,059621	PMM	COMB5	50	No Messages	No Messages
249	KALAS	Beam	No Messages	0,059605	PMM	COMB5	100	No Messages	No Messages
376	KALAS	Beam	No Messages	0,059592	PMM	COMB5	200	No Messages	No Messages
876	KALAS	Beam	No Messages	0,059276	PMM	COMB5	200	No Messages	No Messages
1004	KALAS	Beam	No Messages	0,059227	PMM	COMB5	50	No Messages	No Messages
1441	KALAS	Beam	No Messages	0,059136	PMM	COMB5	200	No Messages	No Messages
480	KALAS	Beam	No Messages	0,059092	PMM	COMB5	50	No Messages	No Messages
1425	KALAS	Beam	No Messages	0,059023	PMM	COMB5	200	No Messages	No Messages
377	KALAS	Beam	No Messages	0,058986	PMM	COMB5	200	No Messages	No Messages
581	KALAS	Beam	No Messages	0,05896	PMM	COMB5	50	No Messages	No Messages
166	KALAS	Beam	No Messages	0,05892	PMM	COMB5	200	No Messages	No Messages
667	KALAS	Beam	No Messages	0,058737	PMM	COMB5	200	No Messages	No Messages
1395	KALAS	Beam	No Messages	0,05868	PMM	COMB5	200	No Messages	No Messages
1416	KALAS	Beam	No Messages	0,058678	PMM	COMB5	50	No Messages	No Messages
1392	KALAS	Beam	No Messages	0,058672	PMM	COMB5	200	No Messages	No Messages
688	KALAS	Beam	No Messages	0,058662	PMM	COMB5	200	No Messages	No Messages
689	KALAS	Beam	No Messages	0,058605	PMM	COMB5	50	No Messages	No Messages
983	KALAS	Beam	No Messages	0,058561	PMM	COMB5	50	No Messages	No Messages
1406	KALAS	Beam	No Messages	0,058475	PMM	COMB5	50	No Messages	No Messages
248	KALAS	Beam	No Messages	0,058399	PMM	COMB5	50	No Messages	No Messages
897	KALAS	Beam	No Messages	0,058329	PMM	COMB5	200	No Messages	No Messages
1381	KALAS	Beam	No Messages	0,058266	PMM	COMB5	200	No Messages	No Messages
1405	KALAS	Beam	No Messages	0,058233	PMM	COMB5	50	No Messages	No Messages
560	KALAS	Beam	No Messages	0,058231	PMM	COMB5	50	No Messages	No Messages
1382	KALAS	Beam	No Messages	0,058154	PMM	COMB5	200	No Messages	No Messages
666	KALAS	Beam	No Messages	0,057934	PMM	COMB5	200	No Messages	No Messages
794	KALAS	Beam	No Messages	0,057931	PMM	COMB5	50	No Messages	No Messages
1438	KALAS	Beam	No Messages	0,057906	PMM	COMB5	200	No Messages	No Messages
167	KALAS	Beam	No Messages	0,057824	PMM	COMB5	200	No Messages	No Messages
1363	KALAS	Beam	No Messages	0,057772	PMM	COMB5	50	No Messages	No Messages
1003	KALAS	Beam	No Messages	0,057759	PMM	COMB5	200	No Messages	No Messages
904	F48,3*3	Beam	No Messages	0,057447	PMM	COMB5	0	No Messages	No Messages
1002	KALAS	Beam	No Messages	0,057293	PMM	COMB5	200	No Messages	No Messages
479	KALAS	Beam	No Messages	0,057255	PMM	COMB5	50	No Messages	No Messages
773	KALAS	Beam	No Messages	0,057239	PMM	COMB5	50	No Messages	No Messages
270	KALAS	Beam	No Messages	0,057172	PMM	COMB5	100	No Messages	No Messages
371	KALAS	Beam	No Messages	0,057127	PMM	COMB5	50	No Messages	No Messages
1404	KALAS	Beam	No Messages	0,057084	PMM	COMB5	50	No Messages	No Messages
687	KALAS	Beam	No Messages	0,057081	PMM	COMB5	200	No Messages	No Messages
984	KALAS	Beam	No Messages	0,057042	PMM	COMB5	50	No Messages	No Messages
1393	KALAS	Beam	No Messages	0,057016	PMM	COMB5	200	No Messages	No Messages
1379	KALAS	Beam	No Messages	0,056971	PMM	COMB5	200	No Messages	No Messages
1421	KALAS	Beam	No Messages	0,056964	PMM	COMB5	50	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
1335	KALAS	Beam	No Messages	0,056927	PMM	COMB5	150	No Messages	No Messages
1390	KALAS	Beam	No Messages	0,056891	PMM	COMB5	200	No Messages	No Messages
1380	KALAS	Beam	No Messages	0,056876	PMM	COMB5	200	No Messages	No Messages
478	KALAS	Beam	No Messages	0,056869	PMM	COMB5	200	No Messages	No Messages
1403	KALAS	Beam	No Messages	0,056853	PMM	COMB5	50	No Messages	No Messages
457	KALAS	Beam	No Messages	0,056846	PMM	COMB5	200	No Messages	No Messages
1414	KALAS	Beam	No Messages	0,056789	PMM	COMB5	50	No Messages	No Messages
33	KALAS	Beam	No Messages	0,056777	PMM	COMB5	150	No Messages	No Messages
456	KALAS	Beam	No Messages	0,056629	PMM	COMB5	200	No Messages	No Messages
584	KALAS	Beam	No Messages	0,05661	PMM	COMB5	50	No Messages	No Messages
1360	KALAS	Beam	No Messages	0,056572	PMM	COMB5	50	No Messages	No Messages
1005	KALAS	Beam	No Messages	0,056513	PMM	COMB5	50	No Messages	No Messages
982	KALAS	Beam	No Messages	0,056439	PMM	COMB5	200	No Messages	No Messages
350	KALAS	Beam	No Messages	0,05641	PMM	COMB5	50	No Messages	No Messages
981	KALAS	Beam	No Messages	0,056192	PMM	COMB5	200	No Messages	No Messages
793	KALAS	Beam	No Messages	0,056142	PMM	COMB5	200	No Messages	No Messages
792	KALAS	Beam	No Messages	0,056067	PMM	COMB5	200	No Messages	No Messages
161	KALAS	Beam	No Messages	0,055972	PMM	COMB5	50	No Messages	No Messages
54	KALAS	Beam	No Messages	0,055942	PMM	COMB5	150	No Messages	No Messages
563	KALAS	Beam	No Messages	0,055897	PMM	COMB5	50	No Messages	No Messages
477	KALAS	Beam	No Messages	0,055853	PMM	COMB5	200	No Messages	No Messages
269	KALAS	Beam	No Messages	0,055845	PMM	COMB5	50	No Messages	No Messages
774	KALAS	Beam	No Messages	0,055705	PMM	COMB5	50	No Messages	No Messages
1402	KALAS	Beam	No Messages	0,055691	PMM	COMB5	50	No Messages	No Messages
1377	KALAS	Beam	No Messages	0,055688	PMM	COMB5	200	No Messages	No Messages
1378	KALAS	Beam	No Messages	0,055592	PMM	COMB5	200	No Messages	No Messages
875	KALAS	Beam	No Messages	0,055568	PMM	COMB5	200	No Messages	No Messages
1368	KALAS	Beam	No Messages	0,055499	PMM	COMB5	200	No Messages	No Messages
1401	KALAS	Beam	No Messages	0,055417	PMM	COMB5	50	No Messages	No Messages
140	KALAS	Beam	No Messages	0,055397	PMM	COMB5	50	No Messages	No Messages
1419	KALAS	Beam	No Messages	0,055382	PMM	COMB5	50	No Messages	No Messages
1391	KALAS	Beam	No Messages	0,055365	PMM	COMB5	200	No Messages	No Messages
374	KALAS	Beam	No Messages	0,055277	PMM	COMB5	50	No Messages	No Messages
246	KALAS	Beam	No Messages	0,055256	PMM	COMB5	200	No Messages	No Messages
896	KALAS	Beam	No Messages	0,055214	PMM	COMB5	200	No Messages	No Messages
1388	KALAS	Beam	No Messages	0,055109	PMM	COMB5	200	No Messages	No Messages
268	KALAS	Beam	No Messages	0,055081	PMM	COMB5	200	No Messages	No Messages
1399	KALAS	Beam	No Messages	0,055008	PMM	COMB5	50	No Messages	No Messages
795	KALAS	Beam	No Messages	0,055007	PMM	COMB5	50	No Messages	No Messages
771	KALAS	Beam	No Messages	0,054988	PMM	COMB5	200	No Messages	No Messages
247	KALAS	Beam	No Messages	0,054981	PMM	COMB5	200	No Messages	No Messages
880	KALAS	Beam	No Messages	0,05493	PMM	COMB5	100	No Messages	No Messages
772	KALAS	Beam	No Messages	0,054884	PMM	COMB5	200	No Messages	No Messages
582	KALAS	Beam	No Messages	0,054818	PMM	COMB5	200	No Messages	No Messages
1082	F48,3*3	Beam	No Messages	0,054746	PMM	COMB5	250	No Messages	No Messages
164	KALAS	Beam	No Messages	0,054675	PMM	COMB5	50	No Messages	No Messages
267	KALAS	Beam	No Messages	0,054547	PMM	COMB5	200	No Messages	No Messages
583	KALAS	Beam	No Messages	0,054521	PMM	COMB5	200	No Messages	No Messages
353	KALAS	Beam	No Messages	0,054514	PMM	COMB5	50	No Messages	No Messages
670	KALAS	Beam	No Messages	0,054484	PMM	COMB5	100	No Messages	No Messages
564	KALAS	Beam	No Messages	0,054331	PMM	COMB5	50	No Messages	No Messages
1375	KALAS	Beam	No Messages	0,054331	PMM	COMB5	200	No Messages	No Messages
1376	KALAS	Beam	No Messages	0,054307	PMM	COMB5	200	No Messages	No Messages
694	F48,3*3	Beam	No Messages	0,054244	PMM	COMB5	0	No Messages	No Messages
460	KALAS	Beam	No Messages	0,054043	PMM	COMB5	100	No Messages	No Messages
665	KALAS	Beam	No Messages	0,053962	PMM	COMB5	200	No Messages	No Messages
1366	KALAS	Beam	No Messages	0,053934	PMM	COMB5	200	No Messages	No Messages
1417	KALAS	Beam	No Messages	0,05382	PMM	COMB5	50	No Messages	No Messages
561	KALAS	Beam	No Messages	0,053807	PMM	COMB5	200	No Messages	No Messages
1389	KALAS	Beam	No Messages	0,053705	PMM	COMB5	200	No Messages	No Messages
1373	KALAS	Beam	No Messages	0,053699	PMM	COMB5	200	No Messages	No Messages
73	F48,3*3	Beam	No Messages	0,05369	PMM	COMB5	0	No Messages	No Messages
143	KALAS	Beam	No Messages	0,053669	PMM	COMB5	50	No Messages	No Messages
686	KALAS	Beam	No Messages	0,053642	PMM	COMB5	200	No Messages	No Messages
250	KALAS	Beam	No Messages	0,053576	PMM	COMB5	100	No Messages	No Messages
372	KALAS	Beam	No Messages	0,053554	PMM	COMB5	200	No Messages	No Messages
585	KALAS	Beam	No Messages	0,053506	PMM	COMB5	50	No Messages	No Messages
144	KALAS	Beam	No Messages	0,05339	PMM	COMB5	150	No Messages	No Messages
562	KALAS	Beam	No Messages	0,053358	PMM	COMB5	200	No Messages	No Messages
354	KALAS	Beam	No Messages	0,053153	PMM	COMB5	150	No Messages	No Messages
162	KALAS	Beam	No Messages	0,052974	PMM	COMB5	200	No Messages	No Messages
373	KALAS	Beam	No Messages	0,052877	PMM	COMB5	200	No Messages	No Messages
351	KALAS	Beam	No Messages	0,052649	PMM	COMB5	200	No Messages	No Messages
1386	KALAS	Beam	No Messages	0,052588	PMM	COMB5	200	No Messages	No Messages
455	KALAS	Beam	No Messages	0,052365	PMM	COMB5	200	No Messages	No Messages
1364	KALAS	Beam	No Messages	0,052349	PMM	COMB5	200	No Messages	No Messages
1415	KALAS	Beam	No Messages	0,052251	PMM	COMB5	50	No Messages	No Messages
141	KALAS	Beam	No Messages	0,052064	PMM	COMB5	200	No Messages	No Messages
476	KALAS	Beam	No Messages	0,052055	PMM	COMB5	200	No Messages	No Messages
375	KALAS	Beam	No Messages	0,051991	PMM	COMB5	50	No Messages	No Messages
872	F48,3*3	Beam	No Messages	0,051988	PMM	COMB5	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
34	KALAS	Beam	No Messages	0,051948	PMM	COMB5	100	No Messages	No Messages
352	KALAS	Beam	No Messages	0,051844	PMM	COMB5	200	No Messages	No Messages
901	KALAS	Beam	No Messages	0,051826	PMM	COMB5	100	No Messages	No Messages
163	KALAS	Beam	No Messages	0,051778	PMM	COMB5	200	No Messages	No Messages
245	KALAS	Beam	No Messages	0,05173	PMM	COMB5	150	No Messages	No Messages
691	KALAS	Beam	No Messages	0,051457	PMM	COMB5	100	No Messages	No Messages
55	KALAS	Beam	No Messages	0,051371	PMM	COMB5	100	No Messages	No Messages
1261	F48,3*3	Brace	No Messages	0,051199	PMM	COMB2	160,078	No Messages	No Messages
1412	KALAS	Beam	No Messages	0,05118	PMM	COMB5	50	No Messages	No Messages
165	KALAS	Beam	No Messages	0,05111	PMM	COMB5	100	No Messages	No Messages
481	KALAS	Beam	No Messages	0,051093	PMM	COMB5	100	No Messages	No Messages
266	KALAS	Beam	No Messages	0,050962	PMM	COMB5	150	No Messages	No Messages
39	KALAS	Beam	No Messages	0,050856	PMM	COMB5	100	No Messages	No Messages
142	KALAS	Beam	No Messages	0,050842	PMM	COMB5	150	No Messages	No Messages
484	F48,3*3	Beam	No Messages	0,050838	PMM	COMB5	0	No Messages	No Messages
1348	KALAS	Beam	No Messages	0,050825	PMM	COMB5	100	No Messages	No Messages
1362	KALAS	Beam	No Messages	0,050735	PMM	COMB5	200	No Messages	No Messages
271	KALAS	Beam	No Messages	0,050708	PMM	COMB5	100	No Messages	No Messages
1433	KALAS	Beam	No Messages	0,050551	PMM	COMB5	100	No Messages	No Messages
1431	KALAS	Beam	No Messages	0,050221	PMM	COMB5	100	No Messages	No Messages
1429	KALAS	Beam	No Messages	0,049893	PMM	COMB5	100	No Messages	No Messages
38	KALAS	Beam	No Messages	0,049645	PMM	COMB5	100	No Messages	No Messages
274	F48,3*3	Beam	No Messages	0,049606	PMM	COMB5	250	No Messages	No Messages
1427	KALAS	Beam	No Messages	0,049546	PMM	COMB5	100	No Messages	No Messages
60	KALAS	Beam	No Messages	0,049504	PMM	COMB5	100	No Messages	No Messages
662	F48,3*3	Beam	No Messages	0,0494	PMM	COMB5	250	No Messages	No Messages
1413	KALAS	Beam	No Messages	0,049002	PMM	COMB5	100	No Messages	No Messages
36	KALAS	Beam	No Messages	0,048733	PMM	COMB5	150	No Messages	No Messages
40	KALAS	Beam	No Messages	0,048434	PMM	COMB5	100	No Messages	No Messages
37	KALAS	Beam	No Messages	0,048221	PMM	COMB5	150	No Messages	No Messages
57	KALAS	Beam	No Messages	0,048219	PMM	COMB5	150	No Messages	No Messages
59	KALAS	Beam	No Messages	0,048161	PMM	COMB5	100	No Messages	No Messages
58	KALAS	Beam	No Messages	0,047917	PMM	COMB5	150	No Messages	No Messages
1374	KALAS	Beam	No Messages	0,047766	PMM	COMB5	150	No Messages	No Messages
134	F48,3*3	Beam	No Messages	0,047724	PMM	COMB2	0	No Messages	No Messages
1400	KALAS	Beam	No Messages	0,047615	PMM	COMB5	100	No Messages	No Messages
1387	KALAS	Beam	No Messages	0,047506	PMM	COMB5	150	No Messages	No Messages
35	KALAS	Beam	No Messages	0,04747	PMM	COMB5	150	No Messages	No Messages
1040	F48,3*3	Brace	No Messages	0,047357	PMM	COMB2	160,078	No Messages	No Messages
1250	F48,3*3	Brace	No Messages	0,047152	PMM	COMB2	160,078	No Messages	No Messages
452	F48,3*3	Beam	No Messages	0,047069	PMM	COMB5	0	No Messages	No Messages
61	KALAS	Beam	No Messages	0,046976	PMM	COMB5	100	No Messages	No Messages
56	KALAS	Beam	No Messages	0,046914	PMM	COMB5	150	No Messages	No Messages
1361	KALAS	Beam	No Messages	0,046639	PMM	COMB5	150	No Messages	No Messages
242	F48,3*3	Beam	No Messages	0,046588	PMM	COMB5	0	No Messages	No Messages
1426	KALAS	Beam	No Messages	0,046389	PMM	COMB5	100	No Messages	No Messages
1283	F48,3*3	Beam	No Messages	0,044341	PMM	COMB2	250	No Messages	No Messages
830	F48,3*3	Brace	No Messages	0,042439	PMM	COMB5	160,078	No Messages	No Messages
344	F48,3*3	Beam	No Messages	0,042107	PMM	COMB5	0	No Messages	No Messages
1187	F48,3*3	Beam	No Messages	0,041383	PMM	COMB5	250	No Messages	No Messages
1081	F48,3*3	Beam	No Messages	0,041113	PMM	COMB6	0	No Messages	No Messages
620	F48,3*3	Brace	No Messages	0,041053	PMM	COMB5	160,078	No Messages	No Messages
200	F48,3*3	Brace	No Messages	0,040593	PMM	COMB3	160,078	No Messages	No Messages
977	F48,3*3	Beam	No Messages	0,040262	PMM	COMB5	250	No Messages	No Messages
410	F48,3*3	Brace	No Messages	0,039969	PMM	COMB5	160,078	No Messages	No Messages
1284	F48,3*3	Beam	No Messages	0,039954	PMM	COMB2	0	No Messages	No Messages
554	F48,3*3	Beam	No Messages	0,039723	PMM	COMB5	0	No Messages	No Messages
871	F48,3*3	Beam	No Messages	0,039624	PMM	COMB6	0	No Messages	No Messages
767	F48,3*3	Beam	No Messages	0,038744	PMM	COMB5	250	No Messages	No Messages
661	F48,3*3	Beam	No Messages	0,038378	PMM	COMB6	0	No Messages	No Messages
237	F48,3*3	Beam	No Messages	0,037775	PMM	COMB3	250	No Messages	No Messages
764	F48,3*3	Beam	No Messages	0,037669	PMM	COMB5	0	No Messages	No Messages
451	F48,3*3	Beam	No Messages	0,037173	PMM	COMB6	0	No Messages	No Messages
557	F48,3*3	Beam	No Messages	0,03685	PMM	COMB5	250	No Messages	No Messages
447	F48,3*3	Beam	No Messages	0,036249	PMM	COMB3	250	No Messages	No Messages
241	F48,3*3	Beam	No Messages	0,036133	PMM	COMB6	0	No Messages	No Messages
974	F48,3*3	Beam	No Messages	0,035762	PMM	COMB5	0	No Messages	No Messages
1080	F48,3*3	Beam	No Messages	0,035613	PMM	COMB6	0	No Messages	No Messages
135	F48,3*3	Beam	No Messages	0,035225	PMM	COMB5	0	No Messages	No Messages
347	F48,3*3	Beam	No Messages	0,034592	PMM	COMB5	250	No Messages	No Messages
1228	F48,3*3	Beam	No Messages	0,034235	PMM	COMB3	250	No Messages	No Messages
870	F48,3*3	Beam	No Messages	0,033707	PMM	COMB6	0	No Messages	No Messages
657	F48,3*3	Beam	No Messages	0,033704	PMM	COMB3	250	No Messages	No Messages
345	F48,3*3	Beam	No Messages	0,033471	PMM	COMB5	0	No Messages	No Messages
64	F48,3*3	Beam	No Messages	0,033432	PMM	COMB5	250	No Messages	No Messages
238	F48,3*3	Beam	No Messages	0,033155	PMM	COMB5	250	No Messages	No Messages
968	F48,3*3	Beam	No Messages	0,032781	PMM	COMB5	250	No Messages	No Messages
448	F48,3*3	Beam	No Messages	0,032698	PMM	COMB5	250	No Messages	No Messages
27	F48,3*3	Beam	No Messages	0,032649	PMM	COMB3	250	No Messages	No Messages
1178	F48,3*3	Beam	No Messages	0,032635	PMM	COMB5	250	No Messages	No Messages
137	F48,3*3	Beam	No Messages	0,032458	PMM	COMB5	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
555	F48,3*3	Beam	No Messages	0,032399	PMM	COMB5	0	No Messages	No Messages
660	F48,3*3	Beam	No Messages	0,032172	PMM	COMB6	0	No Messages	No Messages
658	F48,3*3	Beam	No Messages	0,032126	PMM	COMB5	250	No Messages	No Messages
1073	F48,3*3	Beam	No Messages	0,032092	PMM	COMB5	250	No Messages	No Messages
863	F48,3*3	Beam	No Messages	0,031967	PMM	COMB5	250	No Messages	No Messages
1140	F48,3*3	Beam	No Messages	0,031912	PMM	COMB6	100	No Messages	No Messages
1139	F48,3*3	Beam	No Messages	0,031894	PMM	COMB6	100	No Messages	No Messages
929	F48,3*3	Beam	No Messages	0,031649	PMM	COMB6	100	No Messages	No Messages
1138	F48,3*3	Beam	No Messages	0,03164	PMM	COMB6	100	No Messages	No Messages
930	F48,3*3	Beam	No Messages	0,031601	PMM	COMB6	100	No Messages	No Messages
1141	F48,3*3	Beam	No Messages	0,031583	PMM	COMB6	100	No Messages	No Messages
868	F48,3*3	Beam	No Messages	0,031558	PMM	COMB5	250	No Messages	No Messages
1078	F48,3*3	Beam	No Messages	0,031553	PMM	COMB5	250	No Messages	No Messages
1018	F48,3*3	Beam	No Messages	0,031517	PMM	COMB3	250	No Messages	No Messages
1247	F48,3*3	Beam	No Messages	0,031458	PMM	COMB2	100	No Messages	No Messages
765	F48,3*3	Beam	No Messages	0,031426	PMM	COMB5	0	No Messages	No Messages
653	F48,3*3	Beam	No Messages	0,031422	PMM	COMB5	250	No Messages	No Messages
719	F48,3*3	Beam	No Messages	0,031411	PMM	COMB6	100	No Messages	No Messages
1037	F48,3*3	Beam	No Messages	0,031318	PMM	COMB5	100	No Messages	No Messages
720	F48,3*3	Beam	No Messages	0,03129	PMM	COMB6	100	No Messages	No Messages
1137	F48,3*3	Beam	No Messages	0,031282	PMM	COMB6	100	No Messages	No Messages
928	F48,3*3	Beam	No Messages	0,03126	PMM	COMB6	100	No Messages	No Messages
931	F48,3*3	Beam	No Messages	0,03126	PMM	COMB6	100	No Messages	No Messages
1036	F48,3*3	Beam	No Messages	0,031243	PMM	COMB5	100	No Messages	No Messages
136	F48,3*3	Beam	No Messages	0,031219	PMM	COMB5	250	No Messages	No Messages
32	F48,3*3	Beam	No Messages	0,031208	PMM	COMB5	0	No Messages	No Messages
1034	F48,3*3	Beam	No Messages	0,031162	PMM	COMB5	100	No Messages	No Messages
827	F48,3*3	Beam	No Messages	0,031156	PMM	COMB5	100	No Messages	No Messages
824	F48,3*3	Beam	No Messages	0,031133	PMM	COMB5	100	No Messages	No Messages
509	F48,3*3	Beam	No Messages	0,031132	PMM	COMB6	100	No Messages	No Messages
826	F48,3*3	Beam	No Messages	0,031077	PMM	COMB5	100	No Messages	No Messages
614	F48,3*3	Beam	No Messages	0,031054	PMM	COMB5	100	No Messages	No Messages
1246	F48,3*3	Beam	No Messages	0,031015	PMM	COMB2	100	No Messages	No Messages
443	F48,3*3	Beam	No Messages	0,031001	PMM	COMB5	250	No Messages	No Messages
927	F48,3*3	Beam	No Messages	0,030977	PMM	COMB6	100	No Messages	No Messages
1142	F48,3*3	Beam	No Messages	0,030956	PMM	COMB6	100	No Messages	No Messages
758	F48,3*3	Beam	No Messages	0,030956	PMM	COMB5	250	No Messages	No Messages
617	F48,3*3	Beam	No Messages	0,030953	PMM	COMB5	100	No Messages	No Messages
1179	F48,3*3	Beam	No Messages	0,03094	PMM	COMB5	0	No Messages	No Messages
721	F48,3*3	Beam	No Messages	0,030935	PMM	COMB6	100	No Messages	No Messages
510	F48,3*3	Beam	No Messages	0,030931	PMM	COMB6	100	No Messages	No Messages
404	F48,3*3	Beam	No Messages	0,030927	PMM	COMB5	100	No Messages	No Messages
718	F48,3*3	Beam	No Messages	0,030924	PMM	COMB6	100	No Messages	No Messages
1285	F48,3*3	Beam	No Messages	0,030883	PMM	COMB2	250	No Messages	No Messages
1136	F48,3*3	Beam	No Messages	0,030882	PMM	COMB6	100	No Messages	No Messages
616	F48,3*3	Beam	No Messages	0,030869	PMM	COMB5	100	No Messages	No Messages
194	F48,3*3	Beam	No Messages	0,030864	PMM	COMB5	100	No Messages	No Messages
1219	F48,3*3	Beam	No Messages	0,030818	PMM	COMB2	0	No Messages	No Messages
299	F48,3*3	Beam	No Messages	0,030814	PMM	COMB6	100	No Messages	No Messages
1035	F48,3*3	Beam	No Messages	0,030802	PMM	COMB5	100	No Messages	No Messages
867	F48,3*3	Beam	No Messages	0,030799	PMM	COMB3	0	No Messages	No Messages
717	F48,3*3	Beam	No Messages	0,030701	PMM	COMB6	100	No Messages	No Messages
407	F48,3*3	Beam	No Messages	0,030699	PMM	COMB5	100	No Messages	No Messages
932	F48,3*3	Beam	No Messages	0,030684	PMM	COMB6	100	No Messages	No Messages
1248	F48,3*3	Beam	No Messages	0,030682	PMM	COMB3	100	No Messages	No Messages
926	F48,3*3	Beam	No Messages	0,030679	PMM	COMB6	100	No Messages	No Messages
450	F48,3*3	Beam	No Messages	0,030673	PMM	COMB6	0	No Messages	No Messages
825	F48,3*3	Beam	No Messages	0,03066	PMM	COMB5	100	No Messages	No Messages
1244	F48,3*3	Beam	No Messages	0,030632	PMM	COMB2	100	No Messages	No Messages
406	F48,3*3	Beam	No Messages	0,030604	PMM	COMB5	100	No Messages	No Messages
1245	F48,3*3	Beam	No Messages	0,030598	PMM	COMB2	100	No Messages	No Messages
233	F48,3*3	Beam	No Messages	0,030589	PMM	COMB5	250	No Messages	No Messages
511	F48,3*3	Beam	No Messages	0,030562	PMM	COMB6	100	No Messages	No Messages
508	F48,3*3	Beam	No Messages	0,030561	PMM	COMB6	100	No Messages	No Messages
300	F48,3*3	Beam	No Messages	0,030534	PMM	COMB6	100	No Messages	No Messages
1079	F48,3*3	Beam	No Messages	0,030482	PMM	COMB6	250	No Messages	No Messages
716	F48,3*3	Beam	No Messages	0,030479	PMM	COMB6	100	No Messages	No Messages
615	F48,3*3	Beam	No Messages	0,030468	PMM	COMB5	100	No Messages	No Messages
1033	F48,3*3	Beam	No Messages	0,030449	PMM	COMB5	100	No Messages	No Messages
197	F48,3*3	Beam	No Messages	0,03044	PMM	COMB5	100	No Messages	No Messages
975	F48,3*3	Beam	No Messages	0,030428	PMM	COMB5	0	No Messages	No Messages
507	F48,3*3	Beam	No Messages	0,030402	PMM	COMB6	100	No Messages	No Messages
722	F48,3*3	Beam	No Messages	0,030401	PMM	COMB6	100	No Messages	No Messages
823	F48,3*3	Beam	No Messages	0,0304	PMM	COMB5	100	No Messages	No Messages
196	F48,3*3	Beam	No Messages	0,030351	PMM	COMB5	100	No Messages	No Messages
1243	F48,3*3	Beam	No Messages	0,030318	PMM	COMB2	100	No Messages	No Messages
1135	F48,3*3	Beam	No Messages	0,030305	PMM	COMB6	100	No Messages	No Messages
613	F48,3*3	Beam	No Messages	0,030282	PMM	COMB5	100	No Messages	No Messages
506	F48,3*3	Beam	No Messages	0,030257	PMM	COMB6	100	No Messages	No Messages
1038	F48,3*3	Beam	No Messages	0,030227	PMM	COMB5	100	No Messages	No Messages
405	F48,3*3	Beam	No Messages	0,030218	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
346	F48,3*3	Beam	No Messages	0,030212	PMM	COMB5	0	No Messages	No Messages
925	F48,3*3	Beam	No Messages	0,03021	PMM	COMB6	100	No Messages	No Messages
298	F48,3*3	Beam	No Messages	0,030203	PMM	COMB6	100	No Messages	No Messages
301	F48,3*3	Beam	No Messages	0,030157	PMM	COMB6	100	No Messages	No Messages
828	F48,3*3	Beam	No Messages	0,030138	PMM	COMB5	100	No Messages	No Messages
1242	F48,3*3	Beam	No Messages	0,030126	PMM	COMB2	100	No Messages	No Messages
403	F48,3*3	Beam	No Messages	0,030124	PMM	COMB5	100	No Messages	No Messages
715	F48,3*3	Beam	No Messages	0,030104	PMM	COMB6	100	No Messages	No Messages
297	F48,3*3	Beam	No Messages	0,0301	PMM	COMB6	100	No Messages	No Messages
1241	F48,3*3	Beam	No Messages	0,030085	PMM	COMB2	100	No Messages	No Messages
1186	F48,3*3	Beam	No Messages	0,030083	PMM	COMB5	0	No Messages	No Messages
1032	F48,3*3	Beam	No Messages	0,030072	PMM	COMB5	100	No Messages	No Messages
512	F48,3*3	Beam	No Messages	0,03007	PMM	COMB6	100	No Messages	No Messages
556	F48,3*3	Beam	No Messages	0,030062	PMM	COMB5	0	No Messages	No Messages
193	F48,3*3	Beam	No Messages	0,030039	PMM	COMB5	100	No Messages	No Messages
618	F48,3*3	Beam	No Messages	0,030027	PMM	COMB5	100	No Messages	No Messages
296	F48,3*3	Beam	No Messages	0,03002	PMM	COMB6	100	No Messages	No Messages
766	F48,3*3	Beam	No Messages	0,030006	PMM	COMB5	0	No Messages	No Messages
822	F48,3*3	Beam	No Messages	0,030004	PMM	COMB5	100	No Messages	No Messages
869	F48,3*3	Beam	No Messages	0,03	PMM	COMB5	250	No Messages	No Messages
976	F48,3*3	Beam	No Messages	0,029991	PMM	COMB5	0	No Messages	No Messages
195	F48,3*3	Beam	No Messages	0,029989	PMM	COMB5	100	No Messages	No Messages
505	F48,3*3	Beam	No Messages	0,029987	PMM	COMB6	100	No Messages	No Messages
1184	F48,3*3	Beam	No Messages	0,029958	PMM	COMB5	0	No Messages	No Messages
240	F48,3*3	Beam	No Messages	0,029947	PMM	COMB5	0	No Messages	No Messages
1031	F48,3*3	Beam	No Messages	0,029936	PMM	COMB5	100	No Messages	No Messages
408	F48,3*3	Beam	No Messages	0,029888	PMM	COMB5	100	No Messages	No Messages
1143	F48,3*3	Beam	No Messages	0,029884	PMM	COMB6	100	No Messages	No Messages
612	F48,3*3	Beam	No Messages	0,02987	PMM	COMB5	100	No Messages	No Messages
821	F48,3*3	Beam	No Messages	0,029855	PMM	COMB5	100	No Messages	No Messages
295	F48,3*3	Beam	No Messages	0,029852	PMM	COMB6	100	No Messages	No Messages
198	F48,3*3	Beam	No Messages	0,029742	PMM	COMB5	100	No Messages	No Messages
933	F48,3*3	Beam	No Messages	0,029739	PMM	COMB6	100	No Messages	No Messages
611	F48,3*3	Beam	No Messages	0,029718	PMM	COMB5	100	No Messages	No Messages
302	F48,3*3	Beam	No Messages	0,029708	PMM	COMB6	100	No Messages	No Messages
402	F48,3*3	Beam	No Messages	0,029701	PMM	COMB5	100	No Messages	No Messages
659	F48,3*3	Beam	No Messages	0,0297	PMM	COMB5	250	No Messages	No Messages
1240	F48,3*3	Beam	No Messages	0,029677	PMM	COMB2	100	No Messages	No Messages
1134	F48,3*3	Beam	No Messages	0,02962	PMM	COMB6	100	No Messages	No Messages
319	F48,3*3	Beam	No Messages	0,029619	PMM	COMB5	100	No Messages	No Messages
924	F48,3*3	Beam	No Messages	0,029613	PMM	COMB6	100	No Messages	No Messages
714	F48,3*3	Beam	No Messages	0,029604	PMM	COMB6	100	No Messages	No Messages
1030	F48,3*3	Beam	No Messages	0,029603	PMM	COMB5	100	No Messages	No Messages
504	F48,3*3	Beam	No Messages	0,029597	PMM	COMB6	100	No Messages	No Messages
1159	F48,3*3	Beam	No Messages	0,029597	PMM	COMB5	100	No Messages	No Messages
321	F48,3*3	Beam	No Messages	0,029597	PMM	COMB5	100	No Messages	No Messages
192	F48,3*3	Beam	No Messages	0,029594	PMM	COMB5	100	No Messages	No Messages
723	F48,3*3	Beam	No Messages	0,029584	PMM	COMB6	100	No Messages	No Messages
294	F48,3*3	Beam	No Messages	0,029578	PMM	COMB6	100	No Messages	No Messages
401	F48,3*3	Beam	No Messages	0,029555	PMM	COMB5	100	No Messages	No Messages
1239	F48,3*3	Beam	No Messages	0,02955	PMM	COMB6	100	No Messages	No Messages
820	F48,3*3	Beam	No Messages	0,02954	PMM	COMB5	100	No Messages	No Messages
529	F48,3*3	Beam	No Messages	0,029536	PMM	COMB5	100	No Messages	No Messages
1056	F48,3*3	Beam	No Messages	0,029511	PMM	COMB5	100	No Messages	No Messages
89	F48,3*3	Beam	No Messages	0,029507	PMM	COMB6	100	No Messages	No Messages
531	F48,3*3	Beam	No Messages	0,029489	PMM	COMB5	100	No Messages	No Messages
739	F48,3*3	Beam	No Messages	0,029464	PMM	COMB5	100	No Messages	No Messages
846	F48,3*3	Beam	No Messages	0,029461	PMM	COMB5	100	No Messages	No Messages
610	F48,3*3	Beam	No Messages	0,029445	PMM	COMB5	100	No Messages	No Messages
1054	F48,3*3	Beam	No Messages	0,029443	PMM	COMB5	100	No Messages	No Messages
84	F48,3*3	Beam	No Messages	0,029442	PMM	COMB6	100	No Messages	No Messages
1058	F48,3*3	Beam	No Messages	0,029437	PMM	COMB5	100	No Messages	No Messages
191	F48,3*3	Beam	No Messages	0,029429	PMM	COMB5	100	No Messages	No Messages
636	F48,3*3	Beam	No Messages	0,029412	PMM	COMB5	100	No Messages	No Messages
1161	F48,3*3	Beam	No Messages	0,029408	PMM	COMB5	100	No Messages	No Messages
949	F48,3*3	Beam	No Messages	0,029404	PMM	COMB5	100	No Messages	No Messages
844	F48,3*3	Beam	No Messages	0,029402	PMM	COMB5	100	No Messages	No Messages
513	F48,3*3	Beam	No Messages	0,029402	PMM	COMB6	100	No Messages	No Messages
741	F48,3*3	Beam	No Messages	0,029396	PMM	COMB5	100	No Messages	No Messages
848	F48,3*3	Beam	No Messages	0,029382	PMM	COMB5	100	No Messages	No Messages
808	F48,3*3	Beam	No Messages	0,029381	PMM	COMB3	250	No Messages	No Messages
634	F48,3*3	Beam	No Messages	0,02936	PMM	COMB5	100	No Messages	No Messages
85	F48,3*3	Beam	No Messages	0,029359	PMM	COMB6	100	No Messages	No Messages
426	F48,3*3	Beam	No Messages	0,029359	PMM	COMB5	100	No Messages	No Messages
1052	F48,3*3	Beam	No Messages	0,029339	PMM	COMB5	100	No Messages	No Messages
400	F48,3*3	Beam	No Messages	0,029338	PMM	COMB5	100	No Messages	No Messages
449	F48,3*3	Beam	No Messages	0,029332	PMM	COMB5	250	No Messages	No Messages
638	F48,3*3	Beam	No Messages	0,029327	PMM	COMB5	100	No Messages	No Messages
951	F48,3*3	Beam	No Messages	0,029319	PMM	COMB5	100	No Messages	No Messages
424	F48,3*3	Beam	No Messages	0,029315	PMM	COMB5	100	No Messages	No Messages
842	F48,3*3	Beam	No Messages	0,029305	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
216	F48,3*3	Beam	No Messages	0,029304	PMM	COMB5	100	No Messages	No Messages
1157	F48,3*3	Beam	No Messages	0,029277	PMM	COMB5	100	No Messages	No Messages
214	F48,3*3	Beam	No Messages	0,029267	PMM	COMB5	100	No Messages	No Messages
632	F48,3*3	Beam	No Messages	0,029266	PMM	COMB5	100	No Messages	No Messages
428	F48,3*3	Beam	No Messages	0,029266	PMM	COMB5	100	No Messages	No Messages
190	F48,3*3	Beam	No Messages	0,029242	PMM	COMB5	100	No Messages	No Messages
422	F48,3*3	Beam	No Messages	0,029226	PMM	COMB5	100	No Messages	No Messages
548	F48,3*3	Beam	No Messages	0,02921	PMM	COMB5	250	No Messages	No Messages
218	F48,3*3	Beam	No Messages	0,029203	PMM	COMB5	100	No Messages	No Messages
303	F48,3*3	Beam	No Messages	0,029203	PMM	COMB6	100	No Messages	No Messages
90	F48,3*3	Beam	No Messages	0,029187	PMM	COMB6	100	No Messages	No Messages
212	F48,3*3	Beam	No Messages	0,029183	PMM	COMB5	100	No Messages	No Messages
609	F48,3*3	Beam	No Messages	0,029175	PMM	COMB3	100	No Messages	No Messages
86	F48,3*3	Beam	No Messages	0,029175	PMM	COMB6	100	No Messages	No Messages
399	F48,3*3	Beam	No Messages	0,029174	PMM	COMB3	100	No Messages	No Messages
819	F48,3*3	Beam	No Messages	0,029171	PMM	COMB3	100	No Messages	No Messages
189	F48,3*3	Beam	No Messages	0,02915	PMM	COMB3	100	No Messages	No Messages
111	F48,3*3	Beam	No Messages	0,029139	PMM	COMB5	100	No Messages	No Messages
1029	F48,3*3	Beam	No Messages	0,029138	PMM	COMB3	100	No Messages	No Messages
109	F48,3*3	Beam	No Messages	0,029129	PMM	COMB5	100	No Messages	No Messages
1154	F48,3*3	Beam	No Messages	0,029127	PMM	COMB5	100	No Messages	No Messages
323	F48,3*3	Beam	No Messages	0,029097	PMM	COMB5	100	No Messages	No Messages
1049	F48,3*3	Beam	No Messages	0,029065	PMM	COMB5	100	No Messages	No Messages
91	F48,3*3	Beam	No Messages	0,029046	PMM	COMB6	100	No Messages	No Messages
839	F48,3*3	Beam	No Messages	0,029027	PMM	COMB5	100	No Messages	No Messages
87	F48,3*3	Beam	No Messages	0,029014	PMM	COMB6	100	No Messages	No Messages
92	F48,3*3	Beam	No Messages	0,028994	PMM	COMB6	100	No Messages	No Messages
533	F48,3*3	Beam	No Messages	0,028975	PMM	COMB5	100	No Messages	No Messages
629	F48,3*3	Beam	No Messages	0,028971	PMM	COMB5	100	No Messages	No Messages
1060	F48,3*3	Beam	No Messages	0,02897	PMM	COMB5	100	No Messages	No Messages
88	F48,3*3	Beam	No Messages	0,028964	PMM	COMB6	100	No Messages	No Messages
850	F48,3*3	Beam	No Messages	0,028934	PMM	COMB5	100	No Messages	No Messages
1268	F48,3*3	Beam	No Messages	0,028927	PMM	COMB2	100	No Messages	No Messages
1047	F48,3*3	Beam	No Messages	0,028923	PMM	COMB5	100	No Messages	No Messages
419	F48,3*3	Beam	No Messages	0,028916	PMM	COMB5	100	No Messages	No Messages
93	F48,3*3	Beam	No Messages	0,028914	PMM	COMB6	100	No Messages	No Messages
640	F48,3*3	Beam	No Messages	0,028899	PMM	COMB5	100	No Messages	No Messages
837	F48,3*3	Beam	No Messages	0,02889	PMM	COMB5	100	No Messages	No Messages
743	F48,3*3	Beam	No Messages	0,028876	PMM	COMB5	100	No Messages	No Messages
1152	F48,3*3	Beam	No Messages	0,028866	PMM	COMB5	100	No Messages	No Messages
209	F48,3*3	Beam	No Messages	0,028863	PMM	COMB5	100	No Messages	No Messages
430	F48,3*3	Beam	No Messages	0,028861	PMM	COMB5	100	No Messages	No Messages
239	F48,3*3	Beam	No Messages	0,028856	PMM	COMB5	250	No Messages	No Messages
1163	F48,3*3	Beam	No Messages	0,028842	PMM	COMB5	100	No Messages	No Messages
627	F48,3*3	Beam	No Messages	0,028837	PMM	COMB5	100	No Messages	No Messages
1045	F48,3*3	Beam	No Messages	0,028836	PMM	COMB5	100	No Messages	No Messages
220	F48,3*3	Beam	No Messages	0,028821	PMM	COMB5	100	No Messages	No Messages
835	F48,3*3	Beam	No Messages	0,028812	PMM	COMB5	100	No Messages	No Messages
1270	F48,3*3	Beam	No Messages	0,028805	PMM	COMB2	100	No Messages	No Messages
133	F48,3*3	Beam	No Messages	0,028801	PMM	COMB2	0	No Messages	No Messages
953	F48,3*3	Beam	No Messages	0,028796	PMM	COMB5	100	No Messages	No Messages
417	F48,3*3	Beam	No Messages	0,028787	PMM	COMB5	100	No Messages	No Messages
113	F48,3*3	Beam	No Messages	0,02878	PMM	COMB5	100	No Messages	No Messages
947	F48,3*3	Beam	No Messages	0,02877	PMM	COMB5	100	No Messages	No Messages
625	F48,3*3	Beam	No Messages	0,028767	PMM	COMB5	100	No Messages	No Messages
737	F48,3*3	Beam	No Messages	0,028761	PMM	COMB5	100	No Messages	No Messages
317	F48,3*3	Beam	No Messages	0,02876	PMM	COMB5	100	No Messages	No Messages
527	F48,3*3	Beam	No Messages	0,028759	PMM	COMB5	100	No Messages	No Messages
207	F48,3*3	Beam	No Messages	0,028738	PMM	COMB5	100	No Messages	No Messages
415	F48,3*3	Beam	No Messages	0,028726	PMM	COMB5	100	No Messages	No Messages
1266	F48,3*3	Beam	No Messages	0,028726	PMM	COMB2	100	No Messages	No Messages
1043	F48,3*3	Beam	No Messages	0,028708	PMM	COMB5	100	No Messages	No Messages
833	F48,3*3	Beam	No Messages	0,028694	PMM	COMB5	100	No Messages	No Messages
205	F48,3*3	Beam	No Messages	0,028687	PMM	COMB5	100	No Messages	No Messages
623	F48,3*3	Beam	No Messages	0,028666	PMM	COMB5	100	No Messages	No Messages
413	F48,3*3	Beam	No Messages	0,028643	PMM	COMB5	100	No Messages	No Messages
203	F48,3*3	Beam	No Messages	0,028621	PMM	COMB5	100	No Messages	No Messages
1074	F48,3*3	Beam	No Messages	0,028607	PMM	COMB2	0	No Messages	No Messages
1264	F48,3*3	Beam	No Messages	0,028603	PMM	COMB2	100	No Messages	No Messages
1150	F48,3*3	Beam	No Messages	0,028571	PMM	COMB5	100	No Messages	No Messages
944	F48,3*3	Beam	No Messages	0,028561	PMM	COMB5	100	No Messages	No Messages
734	F48,3*3	Beam	No Messages	0,028551	PMM	COMB5	100	No Messages	No Messages
524	F48,3*3	Beam	No Messages	0,028544	PMM	COMB5	100	No Messages	No Messages
314	F48,3*3	Beam	No Messages	0,02853	PMM	COMB5	100	No Messages	No Messages
1262	F48,3*3	Beam	No Messages	0,028523	PMM	COMB2	100	No Messages	No Messages
831	F48,3*3	Beam	No Messages	0,028491	PMM	COMB5	100	No Messages	No Messages
1041	F48,3*3	Beam	No Messages	0,02849	PMM	COMB5	100	No Messages	No Messages
621	F48,3*3	Beam	No Messages	0,028483	PMM	COMB5	100	No Messages	No Messages
411	F48,3*3	Beam	No Messages	0,028479	PMM	COMB5	100	No Messages	No Messages
201	F48,3*3	Beam	No Messages	0,028477	PMM	COMB5	100	No Messages	No Messages
1255	F48,3*3	Beam	No Messages	0,028462	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
1259	F48,3*3	Beam	No Messages	0,028441	PMM	COMB2	100	No Messages	No Messages
1165	F48,3*3	Beam	No Messages	0,028439	PMM	COMB6	100	No Messages	No Messages
1251	F48,3*3	Beam	No Messages	0,028427	PMM	COMB6	100	No Messages	No Messages
1257	F48,3*3	Beam	No Messages	0,028415	PMM	COMB2	100	No Messages	No Messages
955	F48,3*3	Beam	No Messages	0,028415	PMM	COMB6	100	No Messages	No Messages
325	F48,3*3	Beam	No Messages	0,028414	PMM	COMB5	100	No Messages	No Messages
1253	F48,3*3	Beam	No Messages	0,028406	PMM	COMB2	100	No Messages	No Messages
942	F48,3*3	Beam	No Messages	0,028402	PMM	COMB6	100	No Messages	No Messages
1148	F48,3*3	Beam	No Messages	0,028386	PMM	COMB5	100	No Messages	No Messages
745	F48,3*3	Beam	No Messages	0,028383	PMM	COMB6	100	No Messages	No Messages
940	F48,3*3	Beam	No Messages	0,028382	PMM	COMB3	100	No Messages	No Messages
732	F48,3*3	Beam	No Messages	0,028382	PMM	COMB6	100	No Messages	No Messages
522	F48,3*3	Beam	No Messages	0,028361	PMM	COMB6	100	No Messages	No Messages
1292	F48,3*3	Beam	No Messages	0,028359	PMM	COMB2	250	No Messages	No Messages
730	F48,3*3	Beam	No Messages	0,028358	PMM	COMB6	100	No Messages	No Messages
535	F48,3*3	Beam	No Messages	0,028351	PMM	COMB5	100	No Messages	No Messages
1077	F48,3*3	Beam	No Messages	0,028344	PMM	COMB3	0	No Messages	No Messages
312	F48,3*3	Beam	No Messages	0,02834	PMM	COMB6	100	No Messages	No Messages
938	F48,3*3	Beam	No Messages	0,028339	PMM	COMB6	100	No Messages	No Messages
520	F48,3*3	Beam	No Messages	0,028336	PMM	COMB6	100	No Messages	No Messages
728	F48,3*3	Beam	No Messages	0,028322	PMM	COMB6	100	No Messages	No Messages
310	F48,3*3	Beam	No Messages	0,028312	PMM	COMB6	100	No Messages	No Messages
518	F48,3*3	Beam	No Messages	0,028304	PMM	COMB6	100	No Messages	No Messages
1146	F48,3*3	Beam	No Messages	0,028302	PMM	COMB6	100	No Messages	No Messages
936	F48,3*3	Beam	No Messages	0,028299	PMM	COMB6	100	No Messages	No Messages
726	F48,3*3	Beam	No Messages	0,028295	PMM	COMB6	100	No Messages	No Messages
516	F48,3*3	Beam	No Messages	0,028291	PMM	COMB6	100	No Messages	No Messages
306	F48,3*3	Beam	No Messages	0,028288	PMM	COMB6	100	No Messages	No Messages
107	F48,3*3	Beam	No Messages	0,028287	PMM	COMB6	100	No Messages	No Messages
104	F48,3*3	Beam	No Messages	0,028286	PMM	COMB6	100	No Messages	No Messages
308	F48,3*3	Beam	No Messages	0,028285	PMM	COMB6	100	No Messages	No Messages
1286	F48,3*3	Beam	No Messages	0,028273	PMM	COMB2	0	No Messages	No Messages
96	F48,3*3	Beam	No Messages	0,028271	PMM	COMB6	100	No Messages	No Messages
102	F48,3*3	Beam	No Messages	0,028266	PMM	COMB6	100	No Messages	No Messages
100	F48,3*3	Beam	No Messages	0,028243	PMM	COMB6	100	No Messages	No Messages
115	F48,3*3	Beam	No Messages	0,028237	PMM	COMB5	100	No Messages	No Messages
98	F48,3*3	Beam	No Messages	0,028234	PMM	COMB6	100	No Messages	No Messages
1009	F48,3*3	Beam	No Messages	0,028074	PMM	COMB2	0	No Messages	No Messages
864	F48,3*3	Beam	No Messages	0,028023	PMM	COMB2	0	No Messages	No Messages
129	F48,3*3	Beam	No Messages	0,027901	PMM	COMB5	250	No Messages	No Messages
1287	F48,3*3	Beam	No Messages	0,027872	PMM	COMB2	0	No Messages	No Messages
236	F48,3*3	Beam	No Messages	0,027832	PMM	COMB6	0	No Messages	No Messages
343	F48,3*3	Beam	No Messages	0,02779	PMM	COMB5	0	No Messages	No Messages
23	F48,3*3	Beam	No Messages	0,027692	PMM	COMB5	250	No Messages	No Messages
338	F48,3*3	Beam	No Messages	0,027565	PMM	COMB5	250	No Messages	No Messages
446	F48,3*3	Beam	No Messages	0,027561	PMM	COMB6	0	No Messages	No Messages
1185	F48,3*3	Beam	No Messages	0,027457	PMM	COMB5	0	No Messages	No Messages
28	F48,3*3	Beam	No Messages	0,027164	PMM	COMB5	250	No Messages	No Messages
170	F48,3*3	Beam	No Messages	0,027113	PMM	COMB5	0	No Messages	No Messages
598	F48,3*3	Beam	No Messages	0,027078	PMM	COMB3	250	No Messages	No Messages
553	F48,3*3	Beam	No Messages	0,027073	PMM	COMB5	0	No Messages	No Messages
656	F48,3*3	Beam	No Messages	0,026936	PMM	COMB6	0	No Messages	No Messages
339	F48,3*3	Beam	No Messages	0,026816	PMM	COMB5	0	No Messages	No Messages
549	F48,3*3	Beam	No Messages	0,026783	PMM	COMB5	0	No Messages	No Messages
654	F48,3*3	Beam	No Messages	0,026765	PMM	COMB2	0	No Messages	No Messages
31	F48,3*3	Beam	No Messages	0,026466	PMM	COMB5	0	No Messages	No Messages
763	F48,3*3	Beam	No Messages	0,026445	PMM	COMB5	0	No Messages	No Messages
759	F48,3*3	Beam	No Messages	0,026388	PMM	COMB5	0	No Messages	No Messages
380	F48,3*3	Beam	No Messages	0,026366	PMM	COMB5	250	No Messages	No Messages
866	F48,3*3	Beam	No Messages	0,026209	PMM	COMB6	0	No Messages	No Messages
590	F48,3*3	Beam	No Messages	0,026179	PMM	COMB5	250	No Messages	No Messages
800	F48,3*3	Beam	No Messages	0,026004	PMM	COMB5	250	No Messages	No Messages
969	F48,3*3	Beam	No Messages	0,025982	PMM	COMB2	0	No Messages	No Messages
799	F48,3*3	Beam	No Messages	0,025962	PMM	COMB3	0	No Messages	No Messages
128	F48,3*3	Beam	No Messages	0,025873	PMM	COMB5	250	No Messages	No Messages
973	F48,3*3	Beam	No Messages	0,025841	PMM	COMB5	0	No Messages	No Messages
1010	F48,3*3	Beam	No Messages	0,025797	PMM	COMB5	250	No Messages	No Messages
1220	F48,3*3	Beam	No Messages	0,02579	PMM	COMB5	250	No Messages	No Messages
444	F48,3*3	Beam	No Messages	0,025672	PMM	COMB5	0	No Messages	No Messages
1076	F48,3*3	Beam	No Messages	0,025381	PMM	COMB6	0	No Messages	No Messages
1122	F48,3*3	Beam	No Messages	0,025369	PMM	COMB5	0	No Messages	No Messages
234	F48,3*3	Beam	No Messages	0,024967	PMM	COMB5	0	No Messages	No Messages
445	F48,3*3	Beam	No Messages	0,0247	PMM	COMB6	0	No Messages	No Messages
235	F48,3*3	Beam	No Messages	0,024624	PMM	COMB6	0	No Messages	No Messages
655	F48,3*3	Beam	No Messages	0,024602	PMM	COMB6	0	No Messages	No Messages
912	F48,3*3	Beam	No Messages	0,024565	PMM	COMB5	0	No Messages	No Messages
281	F48,3*3	Beam	No Messages	0,024557	PMM	COMB6	0	No Messages	No Messages
30	F48,3*3	Beam	No Messages	0,024551	PMM	COMB5	0	No Messages	No Messages
388	F48,3*3	Beam	No Messages	0,024542	PMM	COMB3	250	No Messages	No Messages
865	F48,3*3	Beam	No Messages	0,024428	PMM	COMB6	0	No Messages	No Messages
1075	F48,3*3	Beam	No Messages	0,024393	PMM	COMB6	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
26	F48,3*3	Beam	No Messages	0,024387	PMM	COMB6	0	No Messages	No Messages
29	F48,3*3	Beam	No Messages	0,024386	PMM	COMB5	250	No Messages	No Messages
491	F48,3*3	Beam	No Messages	0,024383	PMM	COMB6	0	No Messages	No Messages
1333	F48,3*3	Beam	No Messages	0,024289	PMM	COMB3	250	No Messages	No Messages
174	F48,3*3	Beam	No Messages	0,024163	PMM	COMB5	0	No Messages	No Messages
701	F48,3*3	Beam	No Messages	0,024084	PMM	COMB6	0	No Messages	No Messages
176	F48,3*3	Beam	No Messages	0,023941	PMM	COMB5	250	No Messages	No Messages
24	F48,3*3	Beam	No Messages	0,023918	PMM	COMB5	250	No Messages	No Messages
178	F48,3*3	Beam	No Messages	0,023881	PMM	COMB5	0	No Messages	No Messages
911	F48,3*3	Beam	No Messages	0,023778	PMM	COMB6	0	No Messages	No Messages
589	F48,3*3	Beam	No Messages	0,023767	PMM	COMB3	0	No Messages	No Messages
702	F48,3*3	Beam	No Messages	0,023757	PMM	COMB5	0	No Messages	No Messages
172	F48,3*3	Beam	No Messages	0,023719	PMM	COMB5	250	No Messages	No Messages
132	F48,3*3	Beam	No Messages	0,023651	PMM	COMB3	0	No Messages	No Messages
275	F48,3*3	Beam	No Messages	0,023571	PMM	COMB2	0	No Messages	No Messages
1227	F48,3*3	Beam	No Messages	0,023556	PMM	COMB5	0	No Messages	No Messages
384	F48,3*3	Beam	No Messages	0,023513	PMM	COMB5	0	No Messages	No Messages
1324	F48,3*3	Beam	No Messages	0,02338	PMM	COMB3	0	No Messages	No Messages
1291	F48,3*3	Beam	No Messages	0,023347	PMM	COMB2	0	No Messages	No Messages
386	F48,3*3	Beam	No Messages	0,023307	PMM	COMB5	250	No Messages	No Messages
1121	F48,3*3	Beam	No Messages	0,023304	PMM	COMB6	0	No Messages	No Messages
277	F48,3*3	Beam	No Messages	0,02328	PMM	COMB2	0	No Messages	No Messages
279	F48,3*3	Beam	No Messages	0,023183	PMM	COMB2	250	No Messages	No Messages
594	F48,3*3	Beam	No Messages	0,02317	PMM	COMB5	0	No Messages	No Messages
1120	F48,3*3	Beam	No Messages	0,02307	PMM	COMB5	250	No Messages	No Messages
65	F48,3*3	Beam	No Messages	0,023068	PMM	COMB2	0	No Messages	No Messages
485	F48,3*3	Beam	No Messages	0,023064	PMM	COMB2	0	No Messages	No Messages
382	F48,3*3	Beam	No Messages	0,023059	PMM	COMB5	250	No Messages	No Messages
487	F48,3*3	Beam	No Messages	0,023014	PMM	COMB2	0	No Messages	No Messages
596	F48,3*3	Beam	No Messages	0,022965	PMM	COMB5	250	No Messages	No Messages
489	F48,3*3	Beam	No Messages	0,022923	PMM	COMB2	250	No Messages	No Messages
492	F48,3*3	Beam	No Messages	0,022911	PMM	COMB5	0	No Messages	No Messages
804	F48,3*3	Beam	No Messages	0,02284	PMM	COMB5	0	No Messages	No Messages
71	F48,3*3	Beam	No Messages	0,022828	PMM	COMB6	0	No Messages	No Messages
342	F48,3*3	Beam	No Messages	0,022811	PMM	COMB3	0	No Messages	No Messages
131	F48,3*3	Beam	No Messages	0,022769	PMM	COMB5	250	No Messages	No Messages
592	F48,3*3	Beam	No Messages	0,022704	PMM	COMB5	250	No Messages	No Messages
806	F48,3*3	Beam	No Messages	0,022643	PMM	COMB5	0	No Messages	No Messages
1118	F48,3*3	Beam	No Messages	0,022613	PMM	COMB5	250	No Messages	No Messages
697	F48,3*3	Beam	No Messages	0,022603	PMM	COMB2	0	No Messages	No Messages
552	F48,3*3	Beam	No Messages	0,02258	PMM	COMB3	0	No Messages	No Messages
695	F48,3*3	Beam	No Messages	0,022575	PMM	COMB2	250	No Messages	No Messages
341	F48,3*3	Beam	No Messages	0,022542	PMM	COMB5	250	No Messages	No Messages
67	F48,3*3	Beam	No Messages	0,02252	PMM	COMB2	0	No Messages	No Messages
699	F48,3*3	Beam	No Messages	0,022517	PMM	COMB2	250	No Messages	No Messages
1183	F48,3*3	Beam	No Messages	0,022477	PMM	COMB5	0	No Messages	No Messages
1014	F48,3*3	Beam	No Messages	0,022474	PMM	COMB5	0	No Messages	No Messages
762	F48,3*3	Beam	No Messages	0,022448	PMM	COMB3	0	No Messages	No Messages
69	F48,3*3	Beam	No Messages	0,022429	PMM	COMB2	250	No Messages	No Messages
551	F48,3*3	Beam	No Messages	0,022385	PMM	COMB5	250	No Messages	No Messages
972	F48,3*3	Beam	No Messages	0,022369	PMM	COMB3	0	No Messages	No Messages
802	F48,3*3	Beam	No Messages	0,022355	PMM	COMB5	250	No Messages	No Messages
1016	F48,3*3	Beam	No Messages	0,022302	PMM	COMB5	0	No Messages	No Messages
761	F48,3*3	Beam	No Messages	0,022264	PMM	COMB5	250	No Messages	No Messages
907	F48,3*3	Beam	No Messages	0,022234	PMM	COMB2	0	No Messages	No Messages
910	F48,3*3	Beam	No Messages	0,02223	PMM	COMB5	250	No Messages	No Messages
905	F48,3*3	Beam	No Messages	0,022226	PMM	COMB2	250	No Messages	No Messages
169	F48,3*3	Beam	No Messages	0,022198	PMM	COMB5	250	No Messages	No Messages
971	F48,3*3	Beam	No Messages	0,022183	PMM	COMB5	250	No Messages	No Messages
909	F48,3*3	Beam	No Messages	0,022142	PMM	COMB2	250	No Messages	No Messages
282	F48,3*3	Beam	No Messages	0,022132	PMM	COMB5	0	No Messages	No Messages
1288	F48,3*3	Beam	No Messages	0,0221	PMM	COMB2	0	No Messages	No Messages
1290	F48,3*3	Beam	No Messages	0,022015	PMM	COMB2	0	No Messages	No Messages
1224	F48,3*3	Beam	No Messages	0,021978	PMM	COMB5	0	No Messages	No Messages
1017	F48,3*3	Beam	No Messages	0,02197	PMM	COMB5	0	No Messages	No Messages
1012	F48,3*3	Beam	No Messages	0,021966	PMM	COMB5	250	No Messages	No Messages
908	F48,3*3	Beam	No Messages	0,02186	PMM	COMB5	250	No Messages	No Messages
1226	F48,3*3	Beam	No Messages	0,021786	PMM	COMB5	0	No Messages	No Messages
25	F48,3*3	Beam	No Messages	0,02178	PMM	COMB5	250	No Messages	No Messages
1180	F48,3*3	Beam	No Messages	0,02174	PMM	COMB3	250	No Messages	No Messages
970	F48,3*3	Beam	No Messages	0,021591	PMM	COMB5	250	No Messages	No Messages
1289	F48,3*3	Beam	No Messages	0,021514	PMM	COMB3	250	No Messages	No Messages
1115	F48,3*3	Beam	No Messages	0,021504	PMM	COMB2	250	No Messages	No Messages
1117	F48,3*3	Beam	No Messages	0,021499	PMM	COMB6	0	No Messages	No Messages
1131	TOZLUK	Beam	No Messages	0,021489	PMM	COMB5	100	No Messages	No Messages
1222	F48,3*3	Beam	No Messages	0,021473	PMM	COMB5	250	No Messages	No Messages
379	F48,3*3	Beam	No Messages	0,021433	PMM	COMB3	0	No Messages	No Messages
700	F48,3*3	Beam	No Messages	0,02142	PMM	COMB5	250	No Messages	No Messages
1119	F48,3*3	Beam	No Messages	0,021401	PMM	COMB6	0	No Messages	No Messages
177	F48,3*3	Beam	No Messages	0,021381	PMM	COMB6	250	No Messages	No Messages
280	F48,3*3	Beam	No Messages	0,021321	PMM	COMB6	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
760	F48,3*3	Beam	No Messages	0,021312	PMM	COMB5	250	No Messages	No Messages
490	F48,3*3	Beam	No Messages	0,021301	PMM	COMB6	250	No Messages	No Messages
1182	F48,3*3	Beam	No Messages	0,021295	PMM	COMB5	0	No Messages	No Messages
807	F48,3*3	Beam	No Messages	0,02126	PMM	COMB5	0	No Messages	No Messages
921	TOZLUK	Beam	No Messages	0,021219	PMM	COMB5	100	No Messages	No Messages
698	F48,3*3	Beam	No Messages	0,021162	PMM	COMB5	250	No Messages	No Messages
278	F48,3*3	Beam	No Messages	0,021156	PMM	COMB6	0	No Messages	No Messages
1132	TOZLUK	Beam	No Messages	0,021154	PMM	COMB5	100	No Messages	No Messages
488	F48,3*3	Beam	No Messages	0,021135	PMM	COMB6	0	No Messages	No Messages
550	F48,3*3	Beam	No Messages	0,021122	PMM	COMB5	250	No Messages	No Messages
387	F48,3*3	Beam	No Messages	0,021122	PMM	COMB6	0	No Messages	No Messages
597	F48,3*3	Beam	No Messages	0,021093	PMM	COMB6	0	No Messages	No Messages
175	F48,3*3	Beam	No Messages	0,021077	PMM	COMB3	0	No Messages	No Messages
711	TOZLUK	Beam	No Messages	0,021068	PMM	COMB5	100	No Messages	No Messages
276	F48,3*3	Beam	No Messages	0,020986	PMM	COMB6	0	No Messages	No Messages
340	F48,3*3	Beam	No Messages	0,020984	PMM	COMB5	250	No Messages	No Messages
173	F48,3*3	Beam	No Messages	0,02094	PMM	COMB3	0	No Messages	No Messages
171	F48,3*3	Beam	No Messages	0,020935	PMM	COMB3	250	No Messages	No Messages
1181	F48,3*3	Beam	No Messages	0,020933	PMM	COMB5	250	No Messages	No Messages
501	TOZLUK	Beam	No Messages	0,020926	PMM	COMB5	100	No Messages	No Messages
486	F48,3*3	Beam	No Messages	0,02088	PMM	COMB6	0	No Messages	No Messages
1223	F48,3*3	Beam	No Messages	0,020869	PMM	COMB5	0	No Messages	No Messages
922	TOZLUK	Beam	No Messages	0,020841	PMM	COMB5	100	No Messages	No Messages
1116	F48,3*3	Beam	No Messages	0,020838	PMM	COMB5	250	No Messages	No Messages
72	F48,3*3	Beam	No Messages	0,020818	PMM	COMB6	250	No Messages	No Messages
291	TOZLUK	Beam	No Messages	0,020779	PMM	COMB5	100	No Messages	No Messages
130	F48,3*3	Beam	No Messages	0,020751	PMM	COMB5	250	No Messages	No Messages
696	F48,3*3	Beam	No Messages	0,020718	PMM	COMB6	250	No Messages	No Messages
1332	F48,3*3	Beam	No Messages	0,020706	PMM	COMB3	0	No Messages	No Messages
1013	F48,3*3	Beam	No Messages	0,020695	PMM	COMB5	0	No Messages	No Messages
712	TOZLUK	Beam	No Messages	0,020649	PMM	COMB5	100	No Messages	No Messages
385	F48,3*3	Beam	No Messages	0,020642	PMM	COMB3	0	No Messages	No Messages
803	F48,3*3	Beam	No Messages	0,020635	PMM	COMB5	0	No Messages	No Messages
381	F48,3*3	Beam	No Messages	0,020611	PMM	COMB3	250	No Messages	No Messages
383	F48,3*3	Beam	No Messages	0,020591	PMM	COMB3	0	No Messages	No Messages
68	F48,3*3	Beam	No Messages	0,020588	PMM	COMB3	250	No Messages	No Messages
593	F48,3*3	Beam	No Messages	0,020585	PMM	COMB5	0	No Messages	No Messages
66	F48,3*3	Beam	No Messages	0,020574	PMM	COMB3	250	No Messages	No Messages
1130	TOZLUK	Beam	No Messages	0,02056	PMM	COMB5	100	No Messages	No Messages
906	F48,3*3	Beam	No Messages	0,02056	PMM	COMB6	250	No Messages	No Messages
70	F48,3*3	Beam	No Messages	0,020557	PMM	COMB6	0	No Messages	No Messages
1225	F48,3*3	Beam	No Messages	0,020539	PMM	COMB5	250	No Messages	No Messages
595	F48,3*3	Beam	No Messages	0,020511	PMM	COMB5	0	No Messages	No Messages
502	TOZLUK	Beam	No Messages	0,020482	PMM	COMB5	100	No Messages	No Messages
805	F48,3*3	Beam	No Messages	0,020482	PMM	COMB5	0	No Messages	No Messages
1015	F48,3*3	Beam	No Messages	0,020471	PMM	COMB5	0	No Messages	No Messages
591	F48,3*3	Beam	No Messages	0,020434	PMM	COMB3	250	No Messages	No Messages
920	TOZLUK	Beam	No Messages	0,020403	PMM	COMB5	100	No Messages	No Messages
1221	F48,3*3	Beam	No Messages	0,020388	PMM	COMB5	250	No Messages	No Messages
801	F48,3*3	Beam	No Messages	0,020379	PMM	COMB5	250	No Messages	No Messages
1011	F48,3*3	Beam	No Messages	0,020373	PMM	COMB5	250	No Messages	No Messages
710	TOZLUK	Beam	No Messages	0,02037	PMM	COMB5	100	No Messages	No Messages
500	TOZLUK	Beam	No Messages	0,020351	PMM	COMB5	100	No Messages	No Messages
292	TOZLUK	Beam	No Messages	0,020341	PMM	COMB5	100	No Messages	No Messages
290	TOZLUK	Beam	No Messages	0,020314	PMM	COMB5	100	No Messages	No Messages
1331	F48,3*3	Beam	No Messages	0,019795	PMM	COMB3	250	No Messages	No Messages
1325	F48,3*3	Beam	No Messages	0,019781	PMM	COMB3	250	No Messages	No Messages
1328	F48,3*3	Beam	No Messages	0,01959	PMM	COMB3	0	No Messages	No Messages
1326	F48,3*3	Beam	No Messages	0,019545	PMM	COMB5	250	No Messages	No Messages
1327	F48,3*3	Beam	No Messages	0,019534	PMM	COMB2	0	No Messages	No Messages
1330	F48,3*3	Beam	No Messages	0,019518	PMM	COMB6	250	No Messages	No Messages
1129	TOZLUK	Beam	No Messages	0,019499	PMM	COMB5	100	No Messages	No Messages
1329	F48,3*3	Beam	No Messages	0,019494	PMM	COMB3	0	No Messages	No Messages
289	TOZLUK	Beam	No Messages	0,019449	PMM	COMB5	100	No Messages	No Messages
499	TOZLUK	Beam	No Messages	0,019439	PMM	COMB5	100	No Messages	No Messages
919	TOZLUK	Beam	No Messages	0,019417	PMM	COMB5	100	No Messages	No Messages
709	TOZLUK	Beam	No Messages	0,019415	PMM	COMB5	100	No Messages	No Messages
1133	TOZLUK	Beam	No Messages	0,018985	PMM	COMB6	100	No Messages	No Messages
923	TOZLUK	Beam	No Messages	0,018654	PMM	COMB6	100	No Messages	No Messages
713	TOZLUK	Beam	No Messages	0,018356	PMM	COMB6	100	No Messages	No Messages
503	TOZLUK	Beam	No Messages	0,018047	PMM	COMB6	100	No Messages	No Messages
186	TOZLUK	Beam	No Messages	0,017913	PMM	COMB5	100	No Messages	No Messages
1027	TOZLUK	Beam	No Messages	0,017813	PMM	COMB5	100	No Messages	No Messages
817	TOZLUK	Beam	No Messages	0,017806	PMM	COMB5	100	No Messages	No Messages
607	TOZLUK	Beam	No Messages	0,017759	PMM	COMB5	100	No Messages	No Messages
293	TOZLUK	Beam	No Messages	0,01775	PMM	COMB6	100	No Messages	No Messages
187	TOZLUK	Beam	No Messages	0,01772	PMM	COMB5	100	No Messages	No Messages
397	TOZLUK	Beam	No Messages	0,017688	PMM	COMB5	100	No Messages	No Messages
1237	TOZLUK	Beam	No Messages	0,017578	PMM	COMB5	100	No Messages	No Messages
396	TOZLUK	Beam	No Messages	0,017572	PMM	COMB5	100	No Messages	No Messages
1028	TOZLUK	Beam	No Messages	0,017564	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
818	TOZLUK	Beam	No Messages	0,017518	PMM	COMB5	100	No Messages	No Messages
1238	TOZLUK	Beam	No Messages	0,017484	PMM	COMB5	100	No Messages	No Messages
608	TOZLUK	Beam	No Messages	0,017455	PMM	COMB5	100	No Messages	No Messages
606	TOZLUK	Beam	No Messages	0,017395	PMM	COMB5	100	No Messages	No Messages
188	TOZLUK	Beam	No Messages	0,017383	PMM	COMB5	100	No Messages	No Messages
398	TOZLUK	Beam	No Messages	0,017383	PMM	COMB5	100	No Messages	No Messages
185	TOZLUK	Beam	No Messages	0,01732	PMM	COMB5	100	No Messages	No Messages
816	TOZLUK	Beam	No Messages	0,017224	PMM	COMB5	100	No Messages	No Messages
81	TOZLUK	Beam	No Messages	0,017109	PMM	COMB5	100	No Messages	No Messages
80	TOZLUK	Beam	No Messages	0,017078	PMM	COMB5	100	No Messages	No Messages
1026	TOZLUK	Beam	No Messages	0,017036	PMM	COMB5	100	No Messages	No Messages
395	TOZLUK	Beam	No Messages	0,016977	PMM	COMB5	100	No Messages	No Messages
605	TOZLUK	Beam	No Messages	0,016795	PMM	COMB5	100	No Messages	No Messages
79	TOZLUK	Beam	No Messages	0,016749	PMM	COMB5	100	No Messages	No Messages
1128	TOZLUK	Beam	No Messages	0,016725	PMM	COMB5	100	No Messages	No Messages
82	TOZLUK	Beam	No Messages	0,016693	PMM	COMB5	100	No Messages	No Messages
815	TOZLUK	Beam	No Messages	0,016609	PMM	COMB5	100	No Messages	No Messages
1229	TOZLUK	Beam	No Messages	0,016557	PMM	COMB5	100	No Messages	No Messages
918	TOZLUK	Beam	No Messages	0,016534	PMM	COMB5	100	No Messages	No Messages
708	TOZLUK	Beam	No Messages	0,01653	PMM	COMB6	100	No Messages	No Messages
498	TOZLUK	Beam	No Messages	0,016523	PMM	COMB6	100	No Messages	No Messages
1236	TOZLUK	Beam	No Messages	0,016487	PMM	COMB5	100	No Messages	No Messages
288	TOZLUK	Beam	No Messages	0,016432	PMM	COMB6	100	No Messages	No Messages
1025	TOZLUK	Beam	No Messages	0,016396	PMM	COMB5	100	No Messages	No Messages
1019	TOZLUK	Beam	No Messages	0,016246	PMM	COMB5	100	No Messages	No Messages
809	TOZLUK	Beam	No Messages	0,016163	PMM	COMB5	100	No Messages	No Messages
497	TOZLUK	Beam	No Messages	0,016159	PMM	COMB6	100	No Messages	No Messages
707	TOZLUK	Beam	No Messages	0,016125	PMM	COMB6	100	No Messages	No Messages
287	TOZLUK	Beam	No Messages	0,016098	PMM	COMB6	100	No Messages	No Messages
1127	TOZLUK	Beam	No Messages	0,01609	PMM	COMB5	100	No Messages	No Messages
599	TOZLUK	Beam	No Messages	0,016083	PMM	COMB5	100	No Messages	No Messages
83	TOZLUK	Beam	No Messages	0,016064	PMM	COMB6	100	No Messages	No Messages
917	TOZLUK	Beam	No Messages	0,016053	PMM	COMB6	100	No Messages	No Messages
915	TOZLUK	Beam	No Messages	0,016009	PMM	COMB5	100	No Messages	No Messages
389	TOZLUK	Beam	No Messages	0,015998	PMM	COMB5	100	No Messages	No Messages
1235	TOZLUK	Beam	No Messages	0,015988	PMM	COMB5	100	No Messages	No Messages
1125	TOZLUK	Beam	No Messages	0,015985	PMM	COMB5	100	No Messages	No Messages
1126	TOZLUK	Beam	No Messages	0,015982	PMM	COMB5	100	No Messages	No Messages
179	TOZLUK	Beam	No Messages	0,015957	PMM	COMB5	100	No Messages	No Messages
916	TOZLUK	Beam	No Messages	0,015925	PMM	COMB5	100	No Messages	No Messages
705	TOZLUK	Beam	No Messages	0,015906	PMM	COMB5	100	No Messages	No Messages
495	TOZLUK	Beam	No Messages	0,015873	PMM	COMB5	100	No Messages	No Messages
285	TOZLUK	Beam	No Messages	0,015842	PMM	COMB5	100	No Messages	No Messages
1230	TOZLUK	Beam	No Messages	0,015748	PMM	COMB5	100	No Messages	No Messages
706	TOZLUK	Beam	No Messages	0,015746	PMM	COMB5	100	No Messages	No Messages
496	TOZLUK	Beam	No Messages	0,015635	PMM	COMB5	100	No Messages	No Messages
286	TOZLUK	Beam	No Messages	0,015541	PMM	COMB5	100	No Messages	No Messages
1124	TOZLUK	Beam	No Messages	0,015478	PMM	COMB6	100	No Messages	No Messages
183	TOZLUK	Beam	No Messages	0,015381	PMM	COMB3	100	No Messages	No Messages
184	TOZLUK	Beam	No Messages	0,01523	PMM	COMB3	100	No Messages	No Messages
914	TOZLUK	Beam	No Messages	0,015183	PMM	COMB6	100	No Messages	No Messages
75	TOZLUK	Beam	No Messages	0,015089	PMM	COMB5	100	No Messages	No Messages
180	TOZLUK	Beam	No Messages	0,015033	PMM	COMB5	100	No Messages	No Messages
704	TOZLUK	Beam	No Messages	0,01501	PMM	COMB6	100	No Messages	No Messages
1231	TOZLUK	Beam	No Messages	0,014968	PMM	COMB2	100	No Messages	No Messages
393	TOZLUK	Beam	No Messages	0,01495	PMM	COMB3	100	No Messages	No Messages
78	TOZLUK	Beam	No Messages	0,014892	PMM	COMB6	100	No Messages	No Messages
76	TOZLUK	Beam	No Messages	0,014891	PMM	COMB5	100	No Messages	No Messages
390	TOZLUK	Beam	No Messages	0,014872	PMM	COMB5	100	No Messages	No Messages
600	TOZLUK	Beam	No Messages	0,014856	PMM	COMB5	100	No Messages	No Messages
494	TOZLUK	Beam	No Messages	0,014821	PMM	COMB6	100	No Messages	No Messages
394	TOZLUK	Beam	No Messages	0,014814	PMM	COMB3	100	No Messages	No Messages
810	TOZLUK	Beam	No Messages	0,014788	PMM	COMB5	100	No Messages	No Messages
603	TOZLUK	Beam	No Messages	0,014761	PMM	COMB3	100	No Messages	No Messages
77	TOZLUK	Beam	No Messages	0,014709	PMM	COMB6	100	No Messages	No Messages
1023	TOZLUK	Beam	No Messages	0,01468	PMM	COMB3	100	No Messages	No Messages
1020	TOZLUK	Beam	No Messages	0,014658	PMM	COMB5	100	No Messages	No Messages
813	TOZLUK	Beam	No Messages	0,014652	PMM	COMB3	100	No Messages	No Messages
284	TOZLUK	Beam	No Messages	0,01465	PMM	COMB5	100	No Messages	No Messages
604	TOZLUK	Beam	No Messages	0,014614	PMM	COMB3	100	No Messages	No Messages
182	TOZLUK	Beam	No Messages	0,01461	PMM	COMB3	100	No Messages	No Messages
814	TOZLUK	Beam	No Messages	0,014486	PMM	COMB3	100	No Messages	No Messages
1024	TOZLUK	Beam	No Messages	0,014479	PMM	COMB3	100	No Messages	No Messages
392	TOZLUK	Beam	No Messages	0,014364	PMM	COMB2	100	No Messages	No Messages
1022	TOZLUK	Beam	No Messages	0,014363	PMM	COMB2	100	No Messages	No Messages
1234	TOZLUK	Beam	No Messages	0,014327	PMM	COMB5	100	No Messages	No Messages
602	TOZLUK	Beam	No Messages	0,01427	PMM	COMB2	100	No Messages	No Messages
812	TOZLUK	Beam	No Messages	0,014257	PMM	COMB2	100	No Messages	No Messages
1232	TOZLUK	Beam	No Messages	0,014233	PMM	COMB5	100	No Messages	No Messages
74	TOZLUK	Beam	No Messages	0,014084	PMM	COMB5	100	No Messages	No Messages
1233	TOZLUK	Beam	No Messages	0,014058	PMM	COMB5	100	No Messages	No Messages

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Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo	Location	ErrMsg	WarnMsg
Text	Text	Text	Text	Unitless	Text	Text	cm	Text	Text
811	TOZLUK	Beam	No Messages	0,013791	PMM	COMB6	100	No Messages	No Messages
1021	TOZLUK	Beam	No Messages	0,013789	PMM	COMB6	100	No Messages	No Messages
601	TOZLUK	Beam	No Messages	0,013766	PMM	COMB6	100	No Messages	No Messages
391	TOZLUK	Beam	No Messages	0,013704	PMM	COMB6	100	No Messages	No Messages
181	TOZLUK	Beam	No Messages	0,013687	PMM	COMB5	100	No Messages	No Messages