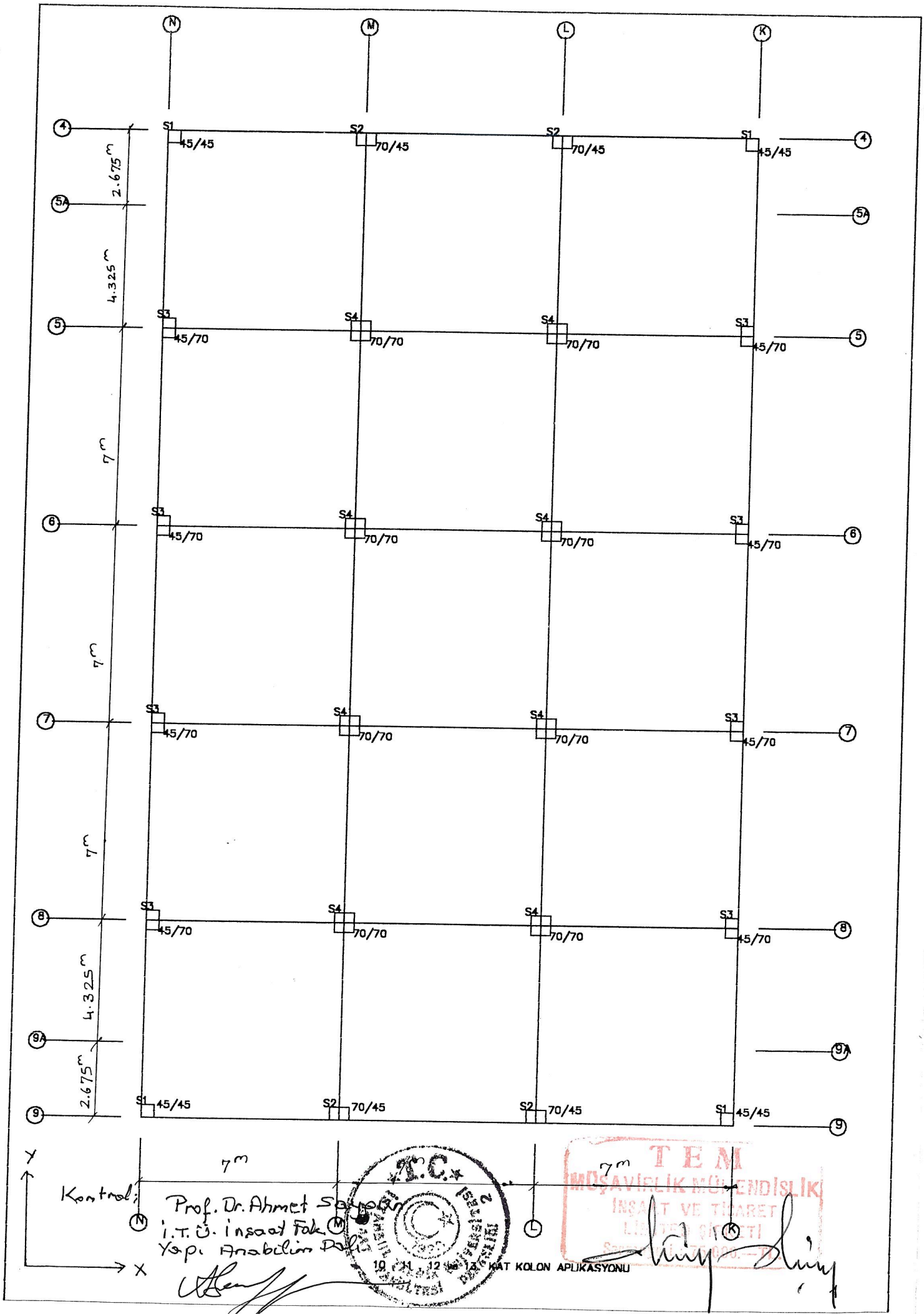
TEM Mühendislik Müşavirlik Ltd. Şti

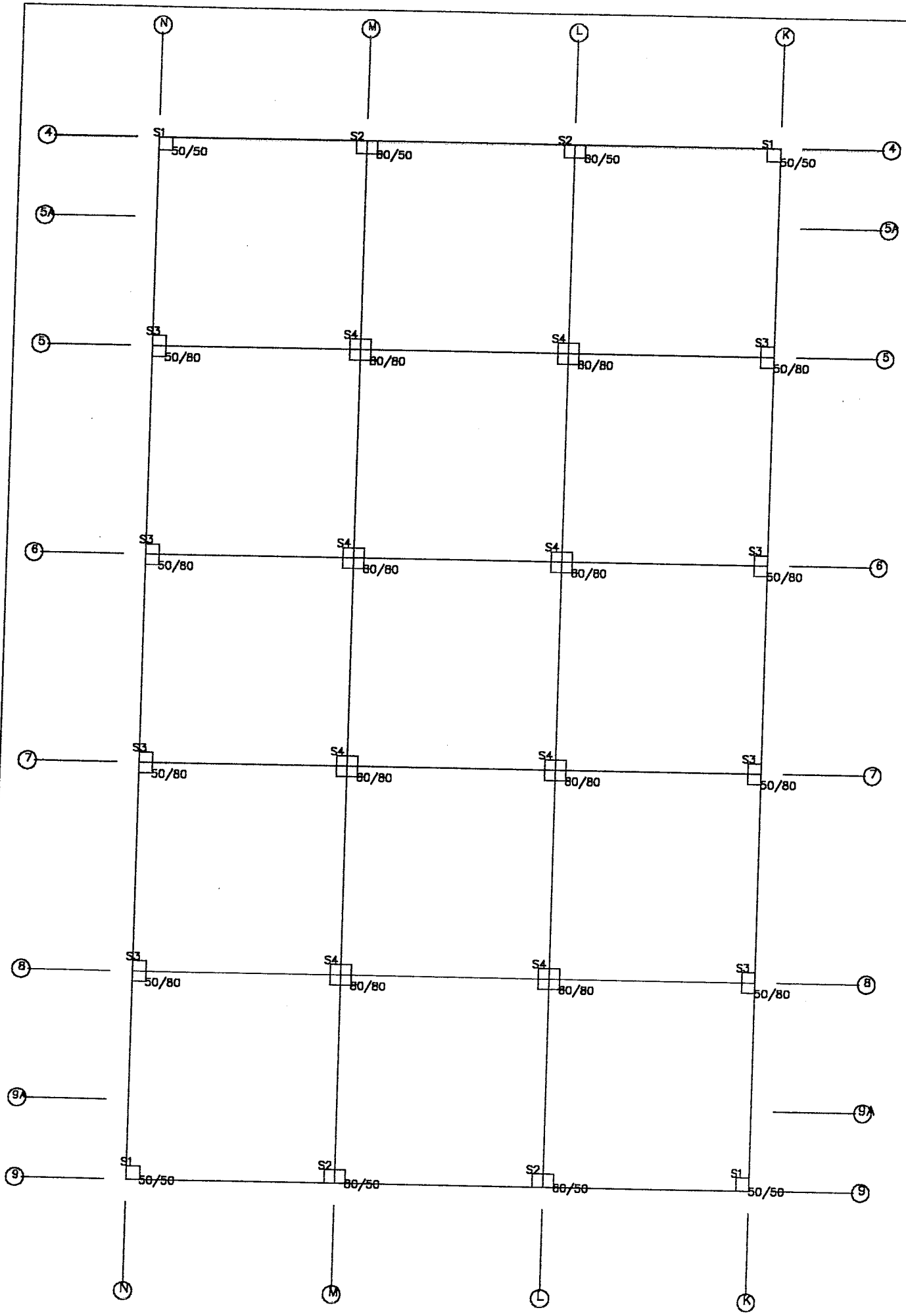
TEM
Mühendislik Müşavirlik Ltd. Şti

PERPA TİCARET MERKEZİ

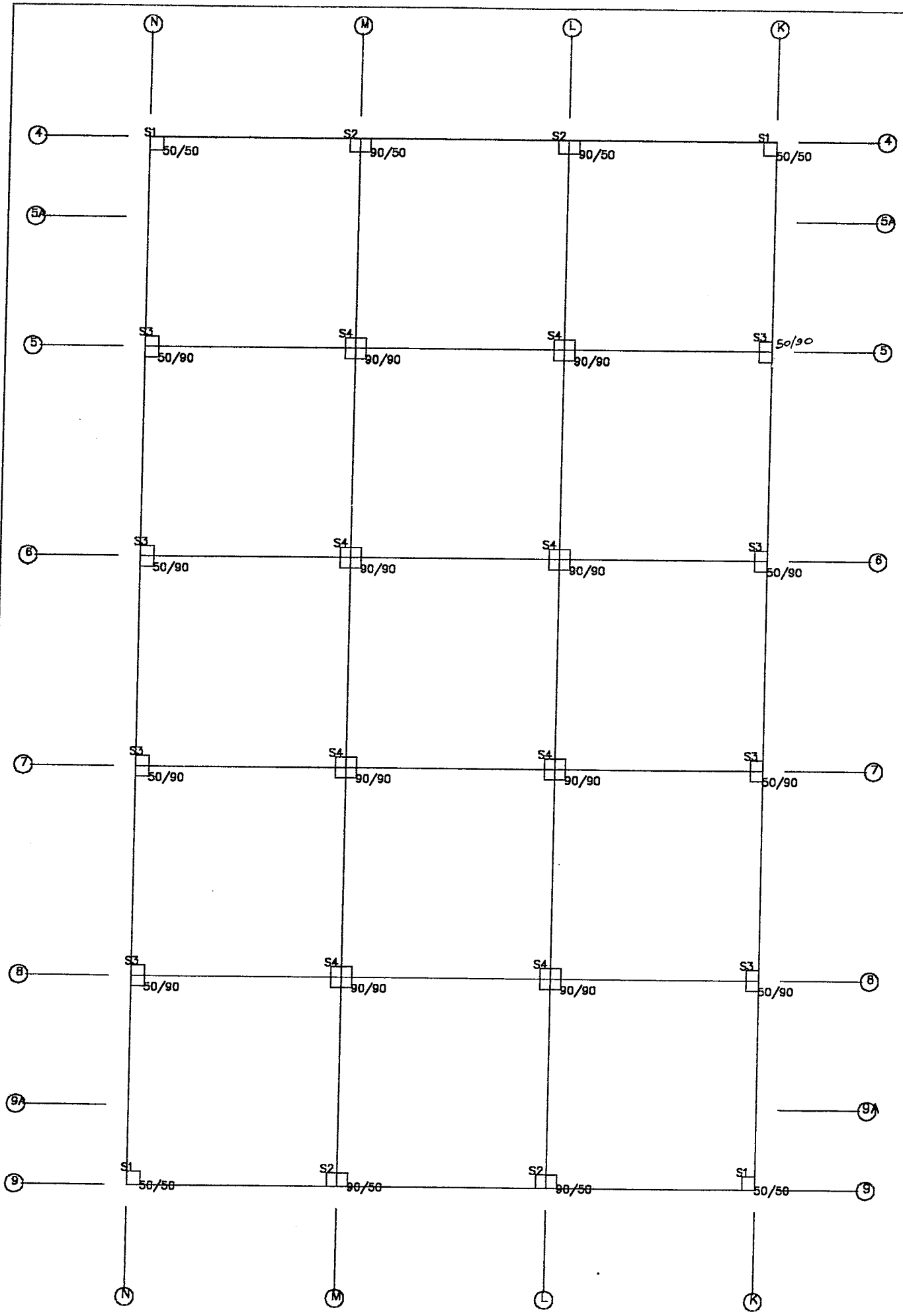
1998 Deprem Yönetmeliğine Göre Tahkik
Statik , Betonarme ve Kapasite Hesapları



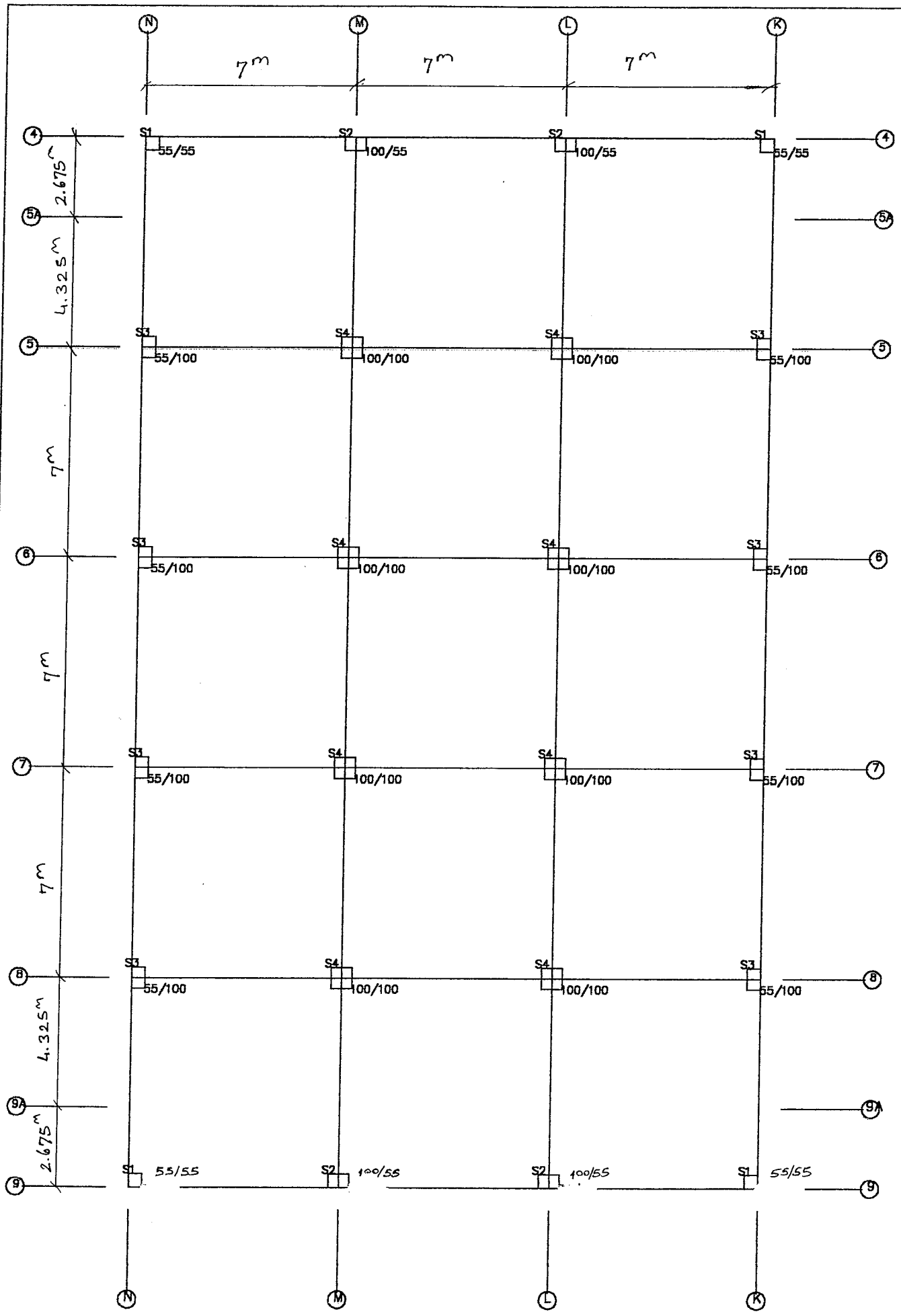
10, 11, 12 ve 13. KAT KOLON APLIKASYONU



7 , 8 ve 9. KAT KOLON APLIKASYONU



4 , 5 ve 6. KAT KOLON APLIKASYONU



1 , 2 ve 3. KAT KOLON APLIKASYONU

TASARIM VE ÇÖZÜM PRENSİPLERİ

1. Yükler

ZATİ YÜKLER:

Boşluklu panel döşeme .....= 0,325 t/m ^{2}

Kaplama.....= 0,110 t/m ^{2}

+

g = 0,435 t/m ^{2}

HAREKETLİ YÜKLER:

Bütün katlarda;

q.....= 0,5 t/m ^{2}

2. Deprem Yükleri :

1998 AFET BÖLGELERİNDE YAPILACAK YAPILAR HAKKINDAKİ YÖNETMELİĞE göre yapılmıştır.

Buna göre ;

Spektral ivme katsayısı : $A(T) = A_o \times I \times S(T)$

A_o = Etkin yer ivmesi katsayısı $A_o = 0{,}30$ (2. derece deprem bölgesi)

I = Yapı önem katsayısı : I = 1 alınmıştır

S : Spektrum katsayısı

$S(T_1) = 1+(1{,}5*T_1 / T_A)$ $\quad 0 \leq T \leq T_A$

$S(T_1) = 2{,}5$ $\quad T_A < T \leq T_B$

$S(T_1) = 2{,}5*(T_B / T)^{0{,}8}$ $\quad T > T_B$ olarak hesaplanacaktır

Toplam eşdeğer deprem kuvveti $V_t = W \times A(T) / R$ formülü ile hesaplanacaktır

W : Bina toplam ağırlığı (W = G + nQ)

G : Toplam zati yükler

Q : Toplam hareketli yükler

n : Hareketli yük katılım katsayısı (n = 0,~~3~~6 0 alınmıştır)

R : Taşıyıcı sistem davranış katsayısı

R = 8,0 (Süneklik düzeyi yüksek çerçeveli sistemler)

Deprem Hesaplarında Kullanılacak Zemin Sınıfı :

Yeni deprem şartnamesinde belirtilen tanımlara istinaden ;

Zemin sınıfı : B

Yerel zemin sınıfı : Z1 olarak kabul edilmiştir.

Temeller Radye jeneral ve sağlam kayaya oturtulmuştur.

3. Malzeme

3.1 Betonarme Betonu :

Yapının yerinde bütnünde **BS20 (C20)**, kalitesinde betonarme betonu kullanılmıştır.

* *C20 için karakteristik değerler :*

$f_{ck} = 20\ N / mm^2$ (28 günlük)

$f_{cd} = 13\ N / mm^2$ (28 günlük)

$E_c = 28500\ N / mm^2$ (28 günlük)

* Test çekici okumaları bu verileri doğrulamıştır.

3.2 Betonarme Çeliği :

Yapının tüm taşıyıcı elemanlarında ;

Akma sınırı : $f_{yk} = 420\ N / mm^2$

Elastisite modülü $Es = 20000\ N / mm^2$ karakteristik değerlere sahip **S420** çeliği kullanılmıştır.

DEPREM HESABI

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 13 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	0.759	3.623	5.329	3.675	13.386	0.000	0.000	0.000	0.000
4	M	1.181	5.648	5.329	3.675	15.833	7.000	0.000	110.830	0.000
4	L	1.181	5.648	5.329	3.675	15.833	14.000	0.000	221.659	0.000
4	K	0.759	3.623	5.329	3.675	13.386	21.000	0.000	281.111	0.000
5	N	1.181	7.489	10.658	7.350	26.677	0.000	-7.000	0.000	-186.741
5	M	1.837	15.469	15.986	11.025	44.318	7.000	-7.000	310.223	-310.223
5	L	1.837	15.469	15.986	11.025	44.318	14.000	-7.000	620.445	-310.223
5	K	1.181	7.489	10.658	7.350	26.677	21.000	-7.000	560.224	-186.741
6	N	1.181	7.518	10.658	7.350	26.707	0.000	-14.000	0.000	-373.892
6	M	1.837	15.531	21.315	14.700	53.383	7.000	-14.000	373.682	-747.364
6	L	1.837	15.531	21.315	14.700	53.383	14.000	-14.000	747.364	-747.364
6	K	1.181	7.518	10.658	7.350	26.707	21.000	-14.000	560.838	-373.892
7	N	1.181	7.518	10.658	7.350	26.707	0.000	-21.000	0.000	-560.838
7	M	1.837	15.531	21.315	14.700	53.383	7.000	-21.000	373.682	-1121.046
7	L	1.837	15.531	21.315	14.700	53.383	14.000	-21.000	747.364	-1121.046
7	K	1.181	7.518	10.658	7.350	26.707	21.000	-21.000	560.838	-560.838
8	N	1.181	7.489	10.658	7.350	26.677	0.000	-28.000	0.000	-746.966
8	M	1.837	15.469	15.986	11.025	44.318	7.000	-28.000	310.223	-1240.890
8	L	1.837	15.469	15.986	11.025	44.318	14.000	-28.000	620.445	-1240.890
8	K	1.181	7.489	10.658	7.350	26.677	21.000	-28.000	560.224	-746.966
9	N	0.759	3.623	5.329	3.675	13.386	0.000	-35.000	0.000	-468.519
9	M	1.181	5.648	5.329	3.675	15.833	7.000	-35.000	110.830	-554.148
9	L	1.181	5.648	5.329	3.675	15.833	14.000	-35.000	221.659	-554.148
9	K	0.759	3.623	5.329	3.675	13.386	21.000	-35.000	281.111	-468.519
		31.912	221.107	277.095	191.100	721.214			7572.751	-12621.251

EX =	10.500	
EY =	-17.500	
Toplam Alan =	637.000	
Ortalama Yük =	1.132 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 12 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.519	3.623	5.329	3.675	14.146	0.000	0.000	0.000	0.000
4	M	2.362	5.648	5.329	3.675	17.014	7.000	0.000	119.098	0.000
4	L	2.362	5.648	5.329	3.675	17.014	14.000	0.000	238.197	0.000
4	K	1.519	3.623	5.329	3.675	14.146	21.000	0.000	297.058	0.000
5	N	2.362	7.489	10.658	7.350	27.859	0.000	-7.000	0.000	-195.010
5	M	3.675	15.469	15.986	11.025	46.155	7.000	-7.000	323.085	-323.085
5	L	3.675	15.469	15.986	11.025	46.155	14.000	-7.000	646.170	-323.085
5	K	2.362	7.489	10.658	7.350	27.859	21.000	-7.000	585.031	-195.010
6	N	2.362	7.518	10.658	7.350	27.888	0.000	-14.000	0.000	-390.429
6	M	3.675	15.531	21.315	14.700	55.221	7.000	-14.000	386.544	-773.089
6	L	3.675	15.531	21.315	14.700	55.221	14.000	-14.000	773.089	-773.089
6	K	2.362	7.518	10.658	7.350	27.888	21.000	-14.000	585.644	-390.429
7	N	2.362	7.518	10.658	7.350	27.888	0.000	-21.000	0.000	-585.644
7	M	3.675	15.531	21.315	14.700	55.221	7.000	-21.000	386.544	-1159.633
7	L	3.675	15.531	21.315	14.700	55.221	14.000	-21.000	773.089	-1159.633
7	K	2.362	7.518	10.658	7.350	27.888	21.000	-21.000	585.644	-585.644
8	N	2.362	7.489	10.658	7.350	27.859	0.000	-28.000	0.000	-780.041
8	M	3.675	15.469	15.986	11.025	46.155	7.000	-28.000	323.085	-1292.340
8	L	3.675	15.469	15.986	11.025	46.155	14.000	-28.000	646.170	-1292.340
8	K	2.362	7.489	10.658	7.350	27.859	21.000	-28.000	585.031	-780.041
9	N	1.519	3.623	5.329	3.675	14.146	0.000	-35.000	0.000	-495.097
9	M	2.362	5.648	5.329	3.675	17.014	7.000	-35.000	119.098	-595.492
9	L	2.362	5.648	5.329	3.675	17.014	14.000	-35.000	238.197	-595.492
9	K	1.519	3.623	5.329	3.675	14.146	21.000	-35.000	297.058	-495.097
		63.825	221.107	277.095	191.100	753.127			7907.832	-13179.721

EX =	10.500	
EY =	-17.500	
Toplam Alan =	637.000	
Ortalama Yük =	1.182 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 11 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.519	3.623	5.329	3.675	14.146	0.000	0.000	0.000	0.000
4	M	2.362	5.648	5.329	3.675	17.014	7.000	0.000	119.098	0.000
4	L	2.362	5.648	5.329	3.675	17.014	14.000	0.000	238.197	0.000
4	K	1.519	3.623	5.329	3.675	14.146	21.000	0.000	297.058	0.000
5	N	2.362	7.489	10.658	7.350	27.859	0.000	-7.000	0.000	-195.010
5	M	3.675	15.469	15.986	11.025	46.155	7.000	-7.000	323.085	-323.085
5	L	3.675	15.469	15.986	11.025	46.155	14.000	-7.000	646.170	-323.085
5	K	2.362	7.489	10.658	7.350	27.859	21.000	-7.000	585.031	-195.010
6	N	2.362	7.518	10.658	7.350	27.888	0.000	-14.000	0.000	-390.429
6	M	3.675	15.531	21.315	14.700	55.221	7.000	-14.000	386.544	-773.089
6	L	3.675	15.531	21.315	14.700	55.221	14.000	-14.000	773.089	-773.089
6	K	2.362	7.518	10.658	7.350	27.888	21.000	-14.000	585.644	-390.429
7	N	2.362	7.518	10.658	7.350	27.888	0.000	-21.000	0.000	-585.644
7	M	3.675	15.531	21.315	14.700	55.221	7.000	-21.000	386.544	-1159.633
7	L	3.675	15.531	21.315	14.700	55.221	14.000	-21.000	773.089	-1159.633
7	K	2.362	7.518	10.658	7.350	27.888	21.000	-21.000	585.644	-585.644
8	N	2.362	7.489	10.658	7.350	27.859	0.000	-28.000	0.000	-780.041
8	M	3.675	15.469	15.986	11.025	46.155	7.000	-28.000	323.085	-1292.340
8	L	3.675	15.469	15.986	11.025	46.155	14.000	-28.000	646.170	-1292.340
8	K	2.362	7.489	10.658	7.350	27.859	21.000	-28.000	585.031	-780.041
9	N	1.519	3.623	5.329	3.675	14.146	0.000	-35.000	0.000	-495.097
9	M	2.362	5.648	5.329	3.675	17.014	7.000	-35.000	119.098	-595.492
9	L	2.362	5.648	5.329	3.675	17.014	14.000	-35.000	238.197	-595.492
9	K	1.519	3.623	5.329	3.675	14.146	21.000	-35.000	297.058	-495.097
		63.825	221.107	277.095	191.100	753.127			7907.832	-13179.721

EX =	10.500	
EY =	-17.500	
Toplam Alan =	637.000	
Ortalama Yük =	1.182 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 10 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.519	3.623	5.329	3.675	14.146	0.000	0.000	0.000	0.000
4	M	2.362	6.987	10.658	7.350	27.357	7.000	0.000	191.496	0.000
4	L	2.362	6.987	10.658	7.350	27.357	14.000	0.000	382.992	0.000
4	K	1.519	3.623	5.329	3.675	14.146	21.000	0.000	297.058	0.000
5	N	2.362	7.489	10.658	7.350	27.859	0.000	-7.000	0.000	-195.010
5	M	3.675	15.469	21.315	14.700	55.159	7.000	-7.000	386.111	-386.111
5	L	3.675	15.469	21.315	14.700	55.159	14.000	-7.000	772.223	-386.111
5	K	2.362	7.489	10.658	7.350	27.859	21.000	-7.000	585.031	-195.010
6	N	2.362	7.518	10.658	7.350	27.888	0.000	-14.000	0.000	-390.429
6	M	3.675	15.531	21.315	14.700	55.221	7.000	-14.000	386.544	-773.089
6	L	3.675	15.531	21.315	14.700	55.221	14.000	-14.000	773.089	-773.089
6	K	2.362	7.518	10.658	7.350	27.888	21.000	-14.000	585.644	-390.429
7	N	2.362	7.518	10.658	7.350	27.888	0.000	-21.000	0.000	-585.644
7	M	3.675	15.531	21.315	14.700	55.221	7.000	-21.000	386.544	-1159.633
7	L	3.675	15.531	21.315	14.700	55.221	14.000	-21.000	773.089	-1159.633
7	K	2.362	7.518	10.658	7.350	27.888	21.000	-21.000	585.644	-585.644
8	N	2.362	7.489	10.658	7.350	27.859	0.000	-28.000	0.000	-780.041
8	M	3.675	15.469	21.315	14.700	55.159	7.000	-28.000	386.111	-1544.445
8	L	3.675	15.469	21.315	14.700	55.159	14.000	-28.000	772.223	-1544.445
8	K	2.362	7.489	10.658	7.350	27.859	21.000	-28.000	585.031	-780.041
9	N	1.519	3.623	5.329	3.675	14.146	0.000	-35.000	0.000	-495.097
9	M	2.362	6.987	10.658	7.350	27.357	7.000	-35.000	191.496	-957.480
9	L	2.362	6.987	10.658	7.350	27.357	14.000	-35.000	382.992	-957.480
9	K	1.519	3.623	5.329	3.675	14.146	21.000	-35.000	297.058	-495.097
		63.825	226.462	319.725	220.500	830.512			8720.376	-14533.958

EX =	10.500	
EY =	-17.500	
Toplam Alan =	735.000	
Ortalama Yük =	1.130 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 9 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.697	3.565	5.329	3.675	14.265	0.000	0.000	0.000	0.000
4	M	2.681	6.874	10.658	7.350	27.563	7.000	0.000	192.941	0.000
4	L	2.681	6.874	10.658	7.350	27.563	14.000	0.000	385.882	0.000
4	K	1.697	3.565	5.329	3.675	14.265	21.000	0.000	299.572	0.000
5	N	2.681	7.368	10.658	7.350	28.057	0.000	-7.000	0.000	-196.399
5	M	4.238	15.221	21.315	14.700	55.474	7.000	-7.000	388.316	-388.316
5	L	4.238	15.221	21.315	14.700	55.474	14.000	-7.000	776.633	-388.316
5	K	2.681	7.368	10.658	7.350	28.057	21.000	-7.000	589.198	-196.399
6	N	2.681	7.398	10.658	7.350	28.086	0.000	-14.000	0.000	-393.208
6	M	4.238	15.283	21.315	14.700	55.536	7.000	-14.000	388.749	-777.499
6	L	4.238	15.283	21.315	14.700	55.536	14.000	-14.000	777.499	-777.499
6	K	2.681	7.398	10.658	7.350	28.086	21.000	-14.000	589.811	-393.208
7	N	2.681	7.398	10.658	7.350	28.086	0.000	-21.000	0.000	-589.811
7	M	4.238	15.283	21.315	14.700	55.536	7.000	-21.000	388.749	-1166.248
7	L	4.238	15.283	21.315	14.700	55.536	14.000	-21.000	777.499	-1166.248
7	K	2.681	7.398	10.658	7.350	28.086	21.000	-21.000	589.811	-589.811
8	N	2.681	7.368	10.658	7.350	28.057	0.000	-28.000	0.000	-785.597
8	M	4.238	15.221	21.315	14.700	55.474	7.000	-28.000	388.316	-1553.265
8	L	4.238	15.221	21.315	14.700	55.474	14.000	-28.000	776.633	-1553.265
8	K	2.681	7.368	10.658	7.350	28.057	21.000	-28.000	589.198	-785.597
9	N	1.697	3.565	5.329	3.675	14.265	0.000	-35.000	0.000	-499.286
9	M	2.681	6.874	10.658	7.350	27.563	7.000	-35.000	192.941	-964.704
9	L	2.681	6.874	10.658	7.350	27.563	14.000	-35.000	385.882	-964.704
9	K	1.697	3.565	5.329	3.675	14.265	21.000	-35.000	299.572	-499.286
		72.863	222.836	319.725	220.500	835.924			8777.200	-14628.665

EX =	10.500	
EY =	-17.500	
Toplam Alan =	735.000	
Ortalama Yük =	1.137 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 8 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.875	3.565	5.329	3.675	14.443	0.000	0.000	0.000	0.000
4	M	3.000	5.557	5.329	3.675	17.560	7.000	0.000	122.923	0.000
4	L	3.000	5.557	5.329	3.675	17.560	14.000	0.000	245.847	0.000
4	K	1.875	3.565	5.329	3.675	14.443	21.000	0.000	303.312	0.000
5	N	3.000	7.368	10.658	7.350	28.376	0.000	-7.000	0.000	-198.630
5	M	4.800	15.221	15.986	11.025	47.033	7.000	-7.000	329.228	-329.228
5	L	4.800	15.221	15.986	11.025	47.033	14.000	-7.000	658.455	-329.228
5	K	3.000	7.368	10.658	7.350	28.376	21.000	-7.000	595.891	-198.630
6	N	3.000	7.398	10.658	7.350	28.405	0.000	-14.000	0.000	-397.670
6	M	4.800	15.283	21.315	14.700	56.098	7.000	-14.000	392.687	-785.374
6	L	4.800	15.283	21.315	14.700	56.098	14.000	-14.000	785.374	-785.374
6	K	3.000	7.398	10.658	7.350	28.405	21.000	-14.000	596.505	-397.670
7	N	3.000	7.398	10.658	7.350	28.405	0.000	-21.000	0.000	-596.505
7	M	4.800	15.283	21.315	14.700	56.098	7.000	-21.000	392.687	-1178.061
7	L	4.800	15.283	21.315	14.700	56.098	14.000	-21.000	785.374	-1178.061
7	K	3.000	7.398	10.658	7.350	28.405	21.000	-21.000	596.505	-596.505
8	N	3.000	7.368	10.658	7.350	28.376	0.000	-28.000	0.000	-794.522
8	M	4.800	15.221	15.986	11.025	47.033	7.000	-28.000	329.228	-1316.910
8	L	4.800	15.221	15.986	11.025	47.033	14.000	-28.000	658.455	-1316.910
8	K	3.000	7.368	10.658	7.350	28.376	21.000	-28.000	595.891	-794.522
9	N	1.875	3.565	5.329	3.675	14.443	0.000	-35.000	0.000	-505.520
9	M	3.000	5.557	5.329	3.675	17.560	7.000	-35.000	122.923	-614.616
9	L	3.000	5.557	5.329	3.675	17.560	14.000	-35.000	245.847	-614.616
9	K	1.875	3.565	5.329	3.675	14.443	21.000	-35.000	303.312	-505.520
		81.900	217.566	277.095	191.100	767.661			8060.443	-13434.071

EX =	10.500	
EY =	-17.500	
Toplam Alan =	637.000	
Ortalama Yük =	1.205 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 7 . KAT AğIRLIğI VE EKSANTRiSiTELER

ADI		KOLON	KiRiŞ	DöŞEME	DöŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.875	3.565	5.329	3.675	14.443	0.000	0.000	0.000	0.000
4	M	3.000	6.874	10.658	7.350	27.882	7.000	0.000	195.172	0.000
4	L	3.000	6.874	10.658	7.350	27.882	14.000	0.000	390.344	0.000
4	K	1.875	3.565	5.329	3.675	14.443	21.000	0.000	303.312	0.000
5	N	3.000	7.368	10.658	7.350	28.376	0.000	-7.000	0.000	-198.630
5	M	4.800	15.221	21.315	14.700	56.036	7.000	-7.000	392.254	-392.254
5	L	4.800	15.221	21.315	14.700	56.036	14.000	-7.000	784.508	-392.254
5	K	3.000	7.368	10.658	7.350	28.376	21.000	-7.000	595.891	-198.630
6	N	3.000	7.398	10.658	7.350	28.405	0.000	-14.000	0.000	-397.670
6	M	4.800	15.283	21.315	14.700	56.098	7.000	-14.000	392.687	-785.374
6	L	4.800	15.283	21.315	14.700	56.098	14.000	-14.000	785.374	-785.374
6	K	3.000	7.398	10.658	7.350	28.405	21.000	-14.000	596.505	-397.670
7	N	3.000	7.398	10.658	7.350	28.405	0.000	-21.000	0.000	-596.505
7	M	4.800	15.283	21.315	14.700	56.098	7.000	-21.000	392.687	-1178.061
7	L	4.800	15.283	21.315	14.700	56.098	14.000	-21.000	785.374	-1178.061
7	K	3.000	7.398	10.658	7.350	28.405	21.000	-21.000	596.505	-596.505
8	N	3.000	7.368	10.658	7.350	28.376	0.000	-28.000	0.000	-794.522
8	M	4.800	15.221	21.315	14.700	56.036	7.000	-28.000	392.254	-1569.015
8	L	4.800	15.221	21.315	14.700	56.036	14.000	-28.000	784.508	-1569.015
8	K	3.000	7.368	10.658	7.350	28.376	21.000	-28.000	595.891	-794.522
9	N	1.875	3.565	5.329	3.675	14.443	0.000	-35.000	0.000	-505.520
9	M	3.000	6.874	10.658	7.350	27.882	7.000	-35.000	195.172	-975.860
9	L	3.000	6.874	10.658	7.350	27.882	14.000	-35.000	390.344	-975.860
9	K	1.875	3.565	5.329	3.675	14.443	21.000	-35.000	303.312	-505.520
		81.900	222.836	319.725	220.500	844.961			8872.094	-14786.821

EX =	10.500
EY =	-17.500
Toplam Alan =	735.000
Ortalama Yük =	1.150 t/m2
X Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.875	3.535	5.329	3.675	14.414	0.000	0.000	0.000	0.000
4	M	3.188	6.807	10.658	7.350	28.002	7.000	0.000	196.017	0.000
4	L	3.188	6.807	10.658	7.350	28.002	14.000	0.000	392.034	0.000
4	K	1.875	3.535	5.329	3.675	14.414	21.000	0.000	302.699	0.000
5	N	3.188	7.294	10.658	7.350	28.489	0.000	-7.000	0.000	-199.420
5	M	5.438	15.036	21.315	14.700	56.488	7.000	-7.000	395.417	-395.417
5	L	5.438	15.036	21.315	14.700	56.488	14.000	-7.000	790.834	-395.417
5	K	3.188	7.294	10.658	7.350	28.489	21.000	-7.000	598.259	-199.420
6	N	3.188	7.308	10.658	7.350	28.503	0.000	-14.000	0.000	-399.044
6	M	5.438	15.067	21.315	14.700	56.519	7.000	-14.000	395.633	-791.267
6	L	5.438	15.067	21.315	14.700	56.519	14.000	-14.000	791.267	-791.267
6	K	3.188	7.308	10.658	7.350	28.503	21.000	-14.000	598.566	-399.044
7	N	3.188	7.308	10.658	7.350	28.503	0.000	-21.000	0.000	-598.566
7	M	5.438	15.067	21.315	14.700	56.519	7.000	-21.000	395.633	-1186.900
7	L	5.438	15.067	21.315	14.700	56.519	14.000	-21.000	791.267	-1186.900
7	K	3.188	7.308	10.658	7.350	28.503	21.000	-21.000	598.566	-598.566
8	N	3.188	7.294	10.658	7.350	28.489	0.000	-28.000	0.000	-797.678
8	M	5.438	15.036	21.315	14.700	56.488	7.000	-28.000	395.417	-1581.667
8	L	5.438	15.036	21.315	14.700	56.488	14.000	-28.000	790.834	-1581.667
8	K	3.188	7.294	10.658	7.350	28.489	21.000	-28.000	598.259	-797.678
9	N	1.875	3.535	5.329	3.675	14.414	0.000	-35.000	0.000	-504.498
9	M	3.188	6.807	10.658	7.350	28.002	7.000	-35.000	196.017	-980.085
9	L	3.188	6.807	10.658	7.350	28.002	14.000	-35.000	392.034	-980.085
9	K	1.875	3.535	5.329	3.675	14.414	21.000	-35.000	302.699	-504.498
		89.250	220.187	319.725	220.500	849.662			8921.449	-14869.085

EX =	10.500	
EY =	-17.500	
Toplam Alan =	735.000	
Ortalama Yük =	1.156 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 5 . KAT AğIRLIğI VE EKSANTRiSiTELER

ADI		KOLON	KiRiŞ	DöŞEME	DöŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.875	3.535	5.329	3.675	14.414	0.000	0.000	0.000	0.000
4	M	3.375	5.511	5.329	3.675	17.890	7.000	0.000	125.229	0.000
4	L	3.375	5.511	5.329	3.675	17.890	14.000	0.000	250.459	0.000
4	K	1.875	3.535	5.329	3.675	14.414	21.000	0.000	302.699	0.000
5	N	3.375	7.294	10.658	7.350	28.676	0.000	-7.000	0.000	-200.732
5	M	6.075	15.036	15.986	11.025	48.122	7.000	-7.000	336.853	-336.853
5	L	6.075	15.036	15.986	11.025	48.122	14.000	-7.000	673.706	-336.853
5	K	3.375	7.294	10.658	7.350	28.676	21.000	-7.000	602.196	-200.732
6	N	3.375	7.308	10.658	7.350	28.691	0.000	-14.000	0.000	-401.669
6	M	6.075	15.067	21.315	14.700	57.157	7.000	-14.000	400.096	-800.192
6	L	6.075	15.067	21.315	14.700	57.157	14.000	-14.000	800.192	-800.192
6	K	3.375	7.308	10.658	7.350	28.691	21.000	-14.000	602.503	-401.669
7	N	3.375	7.308	10.658	7.350	28.691	0.000	-21.000	0.000	-602.503
7	M	6.075	15.067	21.315	14.700	57.157	7.000	-21.000	400.096	-1200.288
7	L	6.075	15.067	21.315	14.700	57.157	14.000	-21.000	800.192	-1200.288
7	K	3.375	7.308	10.658	7.350	28.691	21.000	-21.000	602.503	-602.503
8	N	3.375	7.294	10.658	7.350	28.676	0.000	-28.000	0.000	-802.928
8	M	6.075	15.036	15.986	11.025	48.122	7.000	-28.000	336.853	-1347.412
8	L	6.075	15.036	15.986	11.025	48.122	14.000	-28.000	673.706	-1347.412
8	K	3.375	7.294	10.658	7.350	28.676	21.000	-28.000	602.196	-802.928
9	N	1.875	3.535	5.329	3.675	14.414	0.000	-35.000	0.000	-504.498
9	M	3.375	5.511	5.329	3.675	17.890	7.000	-35.000	125.229	-626.147
9	L	3.375	5.511	5.329	3.675	17.890	14.000	-35.000	250.459	-626.147
9	K	1.875	3.535	5.329	3.675	14.414	21.000	-35.000	302.699	-504.498
		96.600	215.002	277.095	191.100	779.797			8187.867	-13646.446

EX =	10.500
EY =	-17.500
Toplam Alan =	637.000
Ortalama Yük =	1.224 t/m2
X Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 4 . KAT AğIRLIğI VE EKSANTRiSiTELER

ADI		KOLON	KiRiŞ	DöŞEME	DöŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	1.875	3.535	5.329	3.675	14.414	0.000	0.000	0.000	0.000
4	M	3.375	6.807	10.658	7.350	28.190	7.000	0.000	197.329	0.000
4	L	3.375	6.807	10.658	7.350	28.190	14.000	0.000	394.659	0.000
4	K	1.875	3.535	5.329	3.675	14.414	21.000	0.000	302.699	0.000
5	N	3.375	7.294	10.658	7.350	28.676	0.000	-7.000	0.000	-200.732
5	M	6.075	15.036	21.315	14.700	57.126	7.000	-7.000	399.879	-399.879
5	L	6.075	15.036	21.315	14.700	57.126	14.000	-7.000	799.759	-399.879
5	K	3.375	7.294	10.658	7.350	28.676	21.000	-7.000	602.196	-200.732
6	N	3.375	7.308	10.658	7.350	28.691	0.000	-14.000	0.000	-401.669
6	M	6.075	15.067	21.315	14.700	57.157	7.000	-14.000	400.096	-800.192
6	L	6.075	15.067	21.315	14.700	57.157	14.000	-14.000	800.192	-800.192
6	K	3.375	7.308	10.658	7.350	28.691	21.000	-14.000	602.503	-401.669
7	N	3.375	7.308	10.658	7.350	28.691	0.000	-21.000	0.000	-602.503
7	M	6.075	15.067	21.315	14.700	57.157	7.000	-21.000	400.096	-1200.288
7	L	6.075	15.067	21.315	14.700	57.157	14.000	-21.000	800.192	-1200.288
7	K	3.375	7.308	10.658	7.350	28.691	21.000	-21.000	602.503	-602.503
8	N	3.375	7.294	10.658	7.350	28.676	0.000	-28.000	0.000	-802.928
8	M	6.075	15.036	21.315	14.700	57.126	7.000	-28.000	399.879	-1599.518
8	L	6.075	15.036	21.315	14.700	57.126	14.000	-28.000	799.759	-1599.518
8	K	3.375	7.294	10.658	7.350	28.676	21.000	-28.000	602.196	-802.928
9	N	1.875	3.535	5.329	3.675	14.414	0.000	-35.000	0.000	-504.498
9	M	3.375	6.807	10.658	7.350	28.190	7.000	-35.000	197.329	-986.647
9	L	3.375	6.807	10.658	7.350	28.190	14.000	-35.000	394.659	-986.647
9	K	1.875	3.535	5.329	3.675	14.414	21.000	-35.000	302.699	-504.498
		96.600	220.187	319.725	220.500	857.012			8998.625	-14997.710

EX =	10.500	
EY =	-17.500	
Toplam Alan =	735.000	
Ortalama Yük =	1.166 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 3 . KAT AğIRLIğI VE EKSANTRiSiTELER

ADI		KOLON	KiRiŞ	DöŞEME	DöŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	3.206	3.477	5.329	3.675	15.687	0.000	0.000	0.000	0.000
4	M	5.813	6.695	10.658	7.350	30.515	7.000	0.000	213.606	0.000
4	L	5.813	6.695	10.658	7.350	30.515	14.000	0.000	427.211	0.000
4	K	3.206	3.477	5.329	3.675	15.687	21.000	0.000	329.428	0.000
5	N	3.750	7.173	10.658	7.350	28.931	0.000	-7.000	0.000	-202.515
5	M	10.538	14.788	21.315	14.700	61.341	7.000	-7.000	429.384	-429.384
5	L	10.538	14.788	21.315	14.700	61.341	14.000	-7.000	858.769	-429.384
5	K	3.750	7.173	10.658	7.350	28.931	21.000	-7.000	607.545	-202.515
6	N	3.750	7.188	10.658	7.350	28.945	0.000	-14.000	0.000	-405.234
6	M	10.538	14.819	21.315	14.700	61.372	7.000	-14.000	429.601	-859.202
6	L	10.538	14.819	21.315	14.700	61.372	14.000	-14.000	859.202	-859.202
6	K	3.750	7.188	10.658	7.350	28.945	21.000	-14.000	607.852	-405.234
7	N	3.750	7.188	10.658	7.350	28.945	0.000	-21.000	0.000	-607.852
7	M	10.538	14.819	21.315	14.700	61.372	7.000	-21.000	429.601	-1288.803
7	L	10.538	14.819	21.315	14.700	61.372	14.000	-21.000	859.202	-1288.803
7	K	3.750	7.188	10.658	7.350	28.945	21.000	-21.000	607.852	-607.852
8	N	3.750	7.173	10.658	7.350	28.931	0.000	-28.000	0.000	-810.060
8	M	10.538	14.788	21.315	14.700	61.341	7.000	-28.000	429.384	-1717.537
8	L	10.538	14.788	21.315	14.700	61.341	14.000	-28.000	858.769	-1717.537
8	K	3.750	7.173	10.658	7.350	28.931	21.000	-28.000	607.545	-810.060
9	N	3.206	3.477	5.329	3.675	15.687	0.000	-35.000	0.000	-549.046
9	M	5.813	6.695	10.658	7.350	30.515	7.000	-35.000	213.606	-1068.028
9	L	5.813	6.695	10.658	7.350	30.515	14.000	-35.000	427.211	-1068.028
9	K	3.206	3.477	5.329	3.675	15.687	21.000	-35.000	329.428	-549.046
		150.375	216.561	319.725	220.500	907.161			9525.192	-15875.319

EX =	10.500	
EY =	-17.500	
Toplam Alan =	735.000	
Ortalama Yük =	1.234 t/m2	
X Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 2 . KAT AĞIRLIĞI VE EKSANTRİSİTELER

ADI		KOLON	KİRİŞ	DÖŞEME	DÖŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	4.538	3.477	2.036	1.404	11.455	0.000	0.000	0.000	0.000
4	M	8.250	6.695	4.073	2.809	21.827	7.000	0.000	152.786	0.000
4	L	8.250	4.957	2.036	1.404	16.647	14.000	0.000	233.062	0.000
4	K	4.538	0.000	0.000	0.000	4.538	21.000	0.000	95.288	0.000
5A	N	0.000	3.266	5.329	3.675	12.270	0.000	-2.675	0.000	-32.822
5A	M	0.000	6.635	10.658	7.350	24.642	7.000	-2.675	172.497	-65.919
5A	L	0.000	3.369	5.329	3.675	12.373	14.000	-2.675	173.215	-33.096
5	N	4.125	7.173	8.621	5.946	25.865	0.000	-7.000	0.000	-181.055
5	M	15.000	20.710	11.914	8.216	55.840	7.000	-7.000	390.880	-390.880
5	L	15.000	18.611	3.292	2.271	39.174	14.000	-7.000	548.438	-274.219
5	K	6.188	0.000	0.000	0.000	6.188	21.000	-7.000	129.938	-43.313
6	N	4.125	1.753	5.329	3.675	14.882	0.000	-14.000	0.000	-208.346
6	M	15.000	14.930	5.329	3.675	38.933	7.000	-14.000	272.533	-545.066
6	L	15.000	0.000	0.000	0.000	15.000	14.000	-14.000	210.000	-210.000
6	K	6.188	0.000	0.000	0.000	6.188	21.000	-14.000	129.938	-86.625
7	N	4.125	1.753	5.329	3.675	14.882	0.000	-21.000	0.000	-312.519
7	M	15.000	14.540	5.329	3.675	38.544	7.000	-21.000	269.808	-809.423
7	L	15.000	0.000	0.000	0.000	15.000	14.000	-21.000	210.000	-315.000
7	K	6.188	0.000	0.000	0.000	6.188	21.000	-21.000	129.938	-129.938
8	N	4.125	7.173	8.621	5.946	25.865	0.000	-28.000	0.000	-724.220
8	M	15.000	20.710	11.914	8.216	55.840	7.000	-28.000	390.880	-1563.518
8	L	15.000	18.222	3.292	2.271	38.785	14.000	-28.000	542.987	-1085.975
8	K	6.188	0.000	0.000	0.000	6.188	21.000	-28.000	129.938	-173.250
9A	N	0.000	3.266	5.329	3.675	12.270	0.000	-32.325	0.000	-396.628
9A	M	0.000	6.635	10.658	7.350	24.642	7.000	-32.325	172.497	-796.569
9A	L	0.000	3.369	5.329	3.675	12.373	14.000	-32.325	173.215	-399.941
9	N	4.538	3.477	2.036	1.404	11.455	0.000	-35.000	0.000	-400.934
9	M	8.250	6.695	4.073	2.809	21.827	7.000	-35.000	152.786	-763.928
9	L	8.250	4.957	2.036	1.404	16.647	14.000	-35.000	233.062	-582.655
9	K	3.403	0.000	0.000	0.000	3.403	21.000	-35.000	71.466	-119.109
		211.266	182.373	127.890	88.200	609.729			4985.149	-10644.947

EX =	8.176
EY =	-17.458
Toplam Alan =	294.000
Ortalama Yük =	2.074 t/m2
X Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 1 . KAT AğIRLIğI VE EKSANTRiSiTELER

ADI		KOLON	KiRiŞ	DöŞEME	DöŞEME	TOPLAM	EX	EY	AG * EX	AG * EY
4	N	4.538	3.477	2.036	1.404	11.455	0.000	0.000	0.000	0.000
4	M	8.250	7.173	4.073	2.809	22.305	7.000	0.000	156.132	0.000
4	L	8.250	6.699	7.365	5.079	27.394	14.000	0.000	383.509	0.000
4	K	4.538	3.003	5.329	3.675	16.544	21.000	0.000	347.427	0.000
5A	N	0.000	3.266	5.329	3.675	12.270	0.000	-2.675	0.000	-32.822
5A	M	0.000	6.635	10.658	7.350	24.642	7.000	-2.675	172.497	-65.919
5A	L	0.000	3.369	5.329	3.675	12.373	14.000	-2.675	173.215	-33.096
5	N	6.188	7.173	8.621	5.946	27.927	0.000	-7.000	0.000	-195.492
5	M	15.000	14.788	17.242	11.891	58.922	7.000	-7.000	412.452	-412.452
5	L	15.000	13.784	19.279	13.296	61.358	14.000	-7.000	859.017	-429.508
5	K	8.250	6.169	10.658	7.350	32.427	21.000	-7.000	680.959	-226.986
6	N	6.188	6.710	10.658	7.350	30.905	0.000	-14.000	0.000	-432.666
6	M	15.000	14.819	21.315	14.700	65.834	7.000	-14.000	460.838	-921.677
6	L	15.000	13.815	21.315	14.700	64.830	14.000	-14.000	907.620	-907.620
6	K	8.250	5.706	10.658	7.350	31.963	21.000	-14.000	671.226	-447.484
7	N	6.188	6.710	10.658	7.350	30.905	0.000	-21.000	0.000	-648.998
7	M	15.000	14.819	21.315	14.700	65.834	7.000	-21.000	460.838	-1382.515
7	L	15.000	13.815	21.315	14.700	64.830	14.000	-21.000	907.620	-1361.430
7	K	8.250	5.706	10.658	7.350	31.963	21.000	-21.000	671.226	-671.226
8	N	6.188	7.173	8.621	5.946	27.927	0.000	-28.000	0.000	-781.970
8	M	15.000	14.788	17.242	11.891	58.922	7.000	-28.000	412.452	-1649.807
8	L	15.000	13.784	19.279	13.296	61.358	14.000	-28.000	859.017	-1718.034
8	K	8.250	6.169	10.658	7.350	32.427	21.000	-28.000	680.959	-907.946
9A	N	0.000	3.266	5.329	3.675	12.270	0.000	-32.325	0.000	-396.628
9A	M	0.000	6.635	10.658	7.350	24.642	7.000	-32.325	172.497	-796.569
9A	L	0.000	3.369	5.329	3.675	12.373	14.000	-32.325	173.215	-399.941
9	N	4.538	3.477	2.036	1.404	11.455	0.000	-35.000	0.000	-400.934
9	M	8.250	7.173	4.073	2.809	22.305	7.000	-35.000	156.132	-780.662
9	L	8.250	6.699	7.365	5.079	27.394	14.000	-35.000	383.509	-958.774
9	K	3.403	3.003	5.329	3.675	15.410	21.000	-35.000	323.605	-539.342
		227.766	233.172	319.725	220.500	1001.163			10425.965	-17500.498

EX =	10.414
EY =	-17.480
Toplam Alan =	735.000
Ortalama Yük =	1.362 t/m2
X Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000
Y Yönü Perde Alan Toplamı, Yüzdesi	0.000 0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ ÖN DEPREM YÜKLERİ

Toplam Yapı Ağırlığı = 10511.05
Fiktif Deprem KatSayisi X ve Y Yönü = 0.10
Yatay Yükler X ve Y Yönü = 1051.10

KAT	H	W	WH	FX	FY
13	39.00	721.21	28127.36	136.97	136.97
12	36.00	753.13	27112.57	132.03	132.03
11	33.00	753.13	24853.19	121.03	121.03
10	30.00	830.51	24915.36	121.33	121.33
9	27.00	835.92	22569.94	109.91	109.91
8	24.00	767.66	18423.87	89.72	89.72
7	21.00	844.96	17744.19	86.41	86.41
6	18.00	849.66	15293.92	74.48	74.48
5	15.00	779.80	11696.95	56.96	56.96
4	12.00	857.01	10284.14	50.08	50.08
3	9.00	907.16	8164.45	39.76	39.76
2	6.00	609.73	3658.37	17.82	17.82
1	3.00	1001.16	3003.49	14.63	14.63

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ YATAY YÜKLERE GÖRE HESAP

KAT DEPLASMANLARI

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.12802	-0.00008	0.00046	-0.01254	0.00070	0.10102
12	0.12621	-0.00008	0.00046	-0.01254	0.00070	0.09935
11	0.12297	-0.00008	0.00046	-0.01254	0.00070	0.09633
10	0.11835	-0.00008	0.00046	-0.01254	0.00070	0.09199
9	0.11236	-0.00008	0.00046	-0.01254	0.00070	0.08633
8	0.10580	-0.00008	0.00046	-0.01254	0.00070	0.08011
7	0.09831	-0.00008	0.00046	-0.01253	0.00070	0.07300
6	0.08996	-0.00008	0.00046	-0.01252	0.00069	0.06504
5	0.08109	-0.00008	0.00046	-0.01247	0.00069	0.05668
4	0.07132	-0.00008	0.00044	-0.01234	0.00068	0.04760
3	0.06016	-0.00007	0.00042	-0.01193	0.00066	0.03742
2	0.03308	-0.00006	0.00031	-0.00929	0.00052	0.02014
1	0.00514	-0.00000	0.00002	-0.00046	0.00003	0.00416

X YÖNÜNDE T = 1.832 SN. Sx = 0.588 Sx/R = 0.073hesaplandı. 0.100alındı.

Y YÖNÜNDE T = 1.672 SN. Sy = 0.633 Sy/R = 0.100

DEPREM YÜKLERİ

Etkin Yer İvmesi KatSayısı = 0.30
Yapı önem KatSayısı = 1.00
Zemin Cinsi = 1
Davranış KatSayısı = 8.00
Toplam Yapı Ağırlığı = 10511.05
Deprem KatSayıları X Yönü = 0.03 Y Yönü = 0.03

Yatay Yükler X Yönü = 315.33 Y Yönü = 315.33
Tepe Kuvvetleri X Yönü = 40.44 Y Yönü = 36.90

KAT	H	W	WH	FX	FY
13	39.00	721.21	28127.36	76.27	73.18
12	36.00	753.13	27112.57	34.53	34.97
11	33.00	753.13	24853.19	31.65	32.06
10	30.00	830.51	24915.36	31.73	32.14
9	27.00	835.92	22569.94	28.74	29.11
8	24.00	767.66	18423.87	23.46	23.77
7	21.00	844.96	17744.19	22.60	22.89
6	18.00	849.66	15293.92	19.48	19.73
5	15.00	779.80	11696.95	14.90	15.09
4	12.00	857.01	10284.14	13.10	13.27
3	9.00	907.16	8164.45	10.40	10.53
2	6.00	609.73	3658.37	4.66	4.72
1	3.00	1001.16	3003.49	3.83	3.87

9TsOPsi6.66Hs10Vk3G18D
BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ YATAY YÜKLERE GÖRE HESAP

KAT DEPLASMANLARI

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.04027	-0.00002	0.00014	-0.00378	0.00021	0.03188
12	0.03939	-0.00002	0.00014	-0.00378	0.00021	0.03110
11	0.03807	-0.00002	0.00014	-0.00378	0.00021	0.02990
10	0.03638	-0.00002	0.00014	-0.00378	0.00021	0.02834
9	0.03435	-0.00002	0.00014	-0.00378	0.00021	0.02643
8	0.03220	-0.00002	0.00014	-0.00378	0.00021	0.02441
7	0.02982	-0.00002	0.00014	-0.00377	0.00021	0.02216
6	0.02721	-0.00002	0.00014	-0.00377	0.00021	0.01968
5	0.02448	-0.00002	0.00014	-0.00376	0.00021	0.01711
4	0.02149	-0.00002	0.00013	-0.00372	0.00021	0.01435
3	0.01811	-0.00002	0.00013	-0.00359	0.00020	0.01126
2	0.00995	-0.00002	0.00009	-0.00280	0.00016	0.00606
1	0.00154	-0.00000	0.00000	-0.00014	0.00000	0.00125

KAT DEPLASMANLARI (+0.05 DIŞMERKEZLiK iÇiN)

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.04473	-0.00028	0.00258	-0.01117	0.00063	0.02784
12	0.04374	-0.00027	0.00251	-0.01099	0.00062	0.02716
11	0.04225	-0.00026	0.00241	-0.01072	0.00060	0.02613
10	0.04035	-0.00025	0.00228	-0.01038	0.00058	0.02477
9	0.03806	-0.00023	0.00213	-0.00996	0.00056	0.02311
8	0.03565	-0.00022	0.00197	-0.00952	0.00054	0.02136
7	0.03297	-0.00020	0.00179	-0.00902	0.00051	0.01941
6	0.03003	-0.00018	0.00159	-0.00847	0.00048	0.01726
5	0.02695	-0.00016	0.00139	-0.00788	0.00044	0.01503
4	0.02360	-0.00014	0.00116	-0.00722	0.00040	0.01263
3	0.01981	-0.00012	0.00092	-0.00642	0.00036	0.00994
2	0.01093	-0.00007	0.00051	-0.00442	0.00025	0.00537
1	0.00171	-0.00001	0.00010	-0.00042	0.00002	0.00110

KAT DEPLASMANLARI (-0.05 DIŞMERKEZLiK iÇiN)

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.03581	0.00023	-0.00230	0.00362	-0.00021	0.03592
12	0.03505	0.00022	-0.00223	0.00344	-0.00020	0.03503
11	0.03389	0.00021	-0.00213	0.00317	-0.00019	0.03367
10	0.03241	0.00020	-0.00201	0.00283	-0.00017	0.03191
9	0.03063	0.00019	-0.00186	0.00241	-0.00014	0.02975
8	0.02875	0.00017	-0.00169	0.00197	-0.00012	0.02746
7	0.02667	0.00015	-0.00151	0.00147	-0.00009	0.02491
6	0.02438	0.00014	-0.00132	0.00093	-0.00006	0.02211
5	0.02200	0.00012	-0.00111	0.00037	-0.00002	0.01920
4	0.01939	0.00010	-0.00090	-0.00021	0.00000	0.01606
3	0.01641	0.00007	-0.00067	-0.00076	0.00004	0.01259

2	0.00897	0.00004	-0.00032	-0.00117	0.00006	0.00675
1	0.00138	0.00000	-0.00009	0.00014	-0.00000	0.00141

RELATiF DEPLASMANLAR VE DÜZENSiZLiK KATSAYILARI

KAT No	Yön	Ortalama Rel. Dep.	Max. Rel. Dep	Burulma Oranı (A1)	Etkili Kesme Alanı	Zayif Kat Oranı (B1)	Yumuşak Kat Oranı (B2)	Rel. Dep./ Kat Yks.
13	X	0.00088	0.00088	1.000	8.510			0.000293
	Y	0.00078	0.00078	1.000	8.510			0.000261
12	X	0.00132	0.00132	1.000	8.510	1.000	1.504	0.000441
	Y	0.00120	0.00120	1.000	8.510	1.000	1.529	0.000400
11	X	0.00169	0.00169	1.000	8.510	1.000	1.278	0.000563
	Y	0.00156	0.00156	1.000	8.510	1.000	1.301	0.000520
10	X	0.00204	0.00204	1.000	8.510	1.000	1.206	0.000679
	Y	0.00191	0.00191	1.000	8.510	1.000	1.224	0.000636
9	X	0.00214	0.00214	1.000	10.920	1.283	1.052	0.000714
	Y	0.00202	0.00202	1.000	10.920	1.283	1.057	0.000673
8	X	0.00239	0.00239	1.000	10.920	1.000	1.113	0.000795
	Y	0.00225	0.00225	1.000	10.920	1.000	1.117	0.000751
7	X	0.00261	0.00261	1.000	10.920	1.000	1.094	0.000870
	Y	0.00248	0.00248	1.001	10.920	1.000	1.100	0.000827
6	X	0.00273	0.00273	1.001	12.880	1.179	1.045	0.000910
	Y	0.00258	0.00259	1.003	12.880	1.179	1.040	0.000862
5	X	0.00297	0.00298	1.002	12.880	1.000	1.090	0.000994
	Y	0.00279	0.00281	1.008	12.880	1.000	1.083	0.000938
4	X	0.00336	0.00338	1.006	12.880	1.000	1.131	0.001127
	Y	0.00316	0.00323	1.023	12.880	1.000	1.131	0.001076
3	X	0.00808	0.00816	1.011	15.810	1.227	2.401	0.002721
	Y	0.00567	0.00613	1.082	15.810	1.227	1.796	0.002044
2	X	0.00813	0.00840	1.034	17.010	1.076	1.007	0.002802
	Y	0.00636	0.00791	1.244	22.970	1.453	1.121	0.002636
1	X	0.00152	0.00154	1.013	15.810	0.929	0.188	0.000515
	Y	0.00133	0.00141	1.060	15.810	0.688	0.209	0.000470

RELATiF DEPLASMANLAR VE DÜZENSiZLiK KATSAYILARI (+0.05 DIŞMERKEZLiK iÇiN)

KAT No	Yön	Ortalama Rel. Dep.	Max. Rel. Dep	Burulma Oranı (A1)	Etkili Kesme Alanı	Zayif Kat Oranı (B1)	Yumuşak Kat Oranı (B2)	Rel. Dep./ Kat Yks.
13	X	0.00088	0.00099	1.127	8.510			0.000330
	Y	0.00078	0.00089	1.138	8.510			0.000297
12	X	0.00132	0.00149	1.125	8.510	1.000	1.504	0.000496
	Y	0.00120	0.00136	1.135	8.510	1.000	1.529	0.000453
11	X	0.00169	0.00190	1.124	8.510	1.000	1.278	0.000633
	Y	0.00156	0.00177	1.132	8.510	1.000	1.301	0.000589
10	X	0.00204	0.00229	1.123	8.510	1.000	1.206	0.000763

	Y	0.00191	0.00216	1.130	8.510	1.000	1.224	0.000719
9	X	0.00214	0.00241	1.126	10.920	1.283	1.052	0.000805
	Y	0.00202	0.00229	1.133	10.920	1.283	1.057	0.000762
8	X	0.00239	0.00269	1.126	10.920	1.000	1.113	0.000895
	Y	0.00225	0.00255	1.133	10.920	1.000	1.117	0.000851
7	X	0.00261	0.00294	1.125	10.920	1.000	1.094	0.000979
	Y	0.00248	0.00281	1.132	10.920	1.000	1.101	0.000936
6	X	0.00273	0.00308	1.128	12.880	1.179	1.045	0.001025
	Y	0.00258	0.00293	1.137	12.880	1.179	1.040	0.000977
5	X	0.00297	0.00335	1.127	12.880	1.000	1.090	0.001117
	Y	0.00280	0.00319	1.141	12.880	1.000	1.084	0.001063
4	X	0.00336	0.00379	1.126	12.880	1.000	1.131	0.001262
	Y	0.00317	0.00365	1.150	12.880	1.000	1.134	0.001216
3	X	0.00808	0.00889	1.100	15.810	1.227	2.402	0.002963
	Y	0.00575	0.00693	1.205	15.810	1.227	1.814	0.002311
2	X	0.00814	0.00921	1.131	17.010	1.076	1.008	0.003070
	Y	0.00661	0.00895	1.354	22.970	1.453	1.150	0.002984
1	X	0.00153	0.00171	1.123	15.810	0.929	0.187	0.000571
	Y	0.00134	0.00159	1.184	15.810	0.688	0.203	0.000530

RELATiF DEPLASMANLAR VE DÜZENSiZLiK KATSAYILARI (-0.05 DIŞMERKEZLiK iÇiN)

KAT No	Yön	Ortalama Rel. Dep.	Max. Rel. Dep	Burulma Oranı (A1)	Etkili Kesme Alanı	Zayif Kat Oranı (B1)	Yumuşak Kat Oranı (B2)	Rel. Dep./ Kat Yks.
13	X	0.00088	0.00099	1.127	8.510			0.000330
	Y	0.00078	0.00089	1.138	8.510			0.000297
12	X	0.00132	0.00149	1.125	8.510	1.000	1.504	0.000496
	Y	0.00120	0.00136	1.135	8.510	1.000	1.529	0.000453
11	X	0.00169	0.00190	1.124	8.510	1.000	1.278	0.000633
	Y	0.00156	0.00177	1.132	8.510	1.000	1.301	0.000589
10	X	0.00204	0.00229	1.123	8.510	1.000	1.206	0.000763
	Y	0.00191	0.00216	1.130	8.510	1.000	1.224	0.000719
9	X	0.00214	0.00241	1.126	10.920	1.283	1.052	0.000804
	Y	0.00202	0.00229	1.133	10.920	1.283	1.057	0.000762
8	X	0.00239	0.00269	1.126	10.920	1.000	1.113	0.000895
	Y	0.00225	0.00255	1.132	10.920	1.000	1.117	0.000850
7	X	0.00261	0.00294	1.125	10.920	1.000	1.094	0.000979
	Y	0.00248	0.00280	1.130	10.920	1.000	1.100	0.000934
6	X	0.00273	0.00307	1.126	12.880	1.179	1.045	0.001024
	Y	0.00258	0.00291	1.131	12.880	1.179	1.039	0.000971
5	X	0.00297	0.00334	1.122	12.880	1.000	1.090	0.001113
	Y	0.00279	0.00313	1.125	12.880	1.000	1.082	0.001045
4	X	0.00336	0.00375	1.114	12.880	1.000	1.130	0.001249
	Y	0.00314	0.00347	1.105	12.880	1.000	1.127	0.001157

3	X	0.00807	0.00870	1.078	15.810	1.227	2.400	0.002900
	Y	0.00559	0.00584	1.046	15.810	1.227	1.779	0.001948
2	X	0.00811	0.00862	1.063	17.010	1.076	1.005	0.002875
	Y	0.00610	0.00686	1.125	22.970	1.453	1.092	0.002288
1	X	0.00152	0.00167	1.097	15.810	0.929	0.188	0.000557
	Y	0.00132	0.00141	1.067	15.810	0.688	0.216	0.000469

YENi DIŞMERKEZLiKLER

KAT NO	X Yönü	Y Yönü
13	0.050	0.050
12	0.050	0.050
11	0.050	0.050
10	0.050	0.050
9	0.050	0.050
8	0.050	0.050
7	0.050	0.050
6	0.050	0.050
5	0.050	0.050
4	0.050	0.050
3	0.050	0.050
2	0.050	0.064
1	0.050	0.050

KAT DEPLASMANLARI (POZiTiF DIŞMERKEZLiK iÇiN)

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.04473	-0.00028	0.00258	-0.01118	0.00063	0.02784
12	0.04374	-0.00027	0.00251	-0.01100	0.00062	0.02716
11	0.04225	-0.00026	0.00241	-0.01073	0.00060	0.02612
10	0.04035	-0.00025	0.00228	-0.01039	0.00058	0.02477
9	0.03806	-0.00023	0.00213	-0.00997	0.00056	0.02311
8	0.03565	-0.00022	0.00197	-0.00952	0.00054	0.02136
7	0.03297	-0.00020	0.00179	-0.00902	0.00051	0.01941
6	0.03003	-0.00018	0.00159	-0.00848	0.00048	0.01726
5	0.02695	-0.00016	0.00139	-0.00789	0.00044	0.01503
4	0.02360	-0.00014	0.00116	-0.00723	0.00040	0.01263
3	0.01981	-0.00012	0.00092	-0.00643	0.00036	0.00993
2	0.01093	-0.00007	0.00051	-0.00443	0.00025	0.00537
1	0.00171	-0.00001	0.00010	-0.00042	0.00002	0.00110

KAT DEPLASMANLARI (NEGATiF DIŞMERKEZLiK iÇiN)

KAT NO	DX(X)	TETA(X)	DY(X)	DX(Y)	TETA(Y)	DY(Y)
13	0.03581	0.00023	-0.00230	0.00363	-0.00021	0.03593
12	0.03505	0.00022	-0.00223	0.00345	-0.00020	0.03504
11	0.03389	0.00021	-0.00213	0.00318	-0.00019	0.03367
10	0.03241	0.00020	-0.00201	0.00283	-0.00017	0.03191
9	0.03063	0.00019	-0.00186	0.00242	-0.00014	0.02975
8	0.02875	0.00017	-0.00169	0.00197	-0.00012	0.02747
7	0.02667	0.00015	-0.00151	0.00148	-0.00009	0.02492
6	0.02438	0.00014	-0.00132	0.00094	-0.00006	0.02211
5	0.02200	0.00012	-0.00111	0.00038	-0.00003	0.01920
4	0.01939	0.00010	-0.00090	-0.00020	0.00000	0.01607
3	0.01641	0.00007	-0.00067	-0.00075	0.00004	0.01259
2	0.00897	0.00004	-0.00032	-0.00116	0.00006	0.00675
1	0.00138	0.00000	-0.00009	0.00014	-0.00000	0.00141

4 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	4+N	4+M	K1301	-2.91	-3.54	-0.95	0.53	0.65	0.17
	4+L	4+K	K1302	-3.54	-2.91	-0.95	0.65	0.53	0.17
12	4+N	4+M	K1201	-5.47	-5.97	-1.69	0.99	1.08	0.31
	4+L	4+K	K1202	-5.97	-5.47	-1.69	1.08	0.99	0.31
11	4+N	4+M	K1101	-7.41	-8.26	-2.31	1.34	1.50	0.42
	4+L	4+K	K1102	-8.26	-7.41	-2.31	1.50	1.34	0.42
10	4+N	4+M	K1001	-8.97	-9.77	-2.77	1.62	1.76	0.50
	4+M	4+L	K1002	-4.02	-4.02	-1.15	0.72	0.72	0.21
	4+L	4+K	K1001	-9.77	-8.97	-2.77	1.76	1.62	0.50
9	4+N	4+M	K901	-10.74	-11.48	-3.29	1.97	2.11	0.60
	4+M	4+L	K902	-4.63	-4.63	-1.32	0.85	0.85	0.24
	4+L	4+K	K901	-11.48	-10.74	-3.29	2.11	1.97	0.60
8	4+N	4+M	K801	-12.29	-13.25	-3.78	2.29	2.47	0.70
	4+L	4+K	K801A	-13.25	-12.29	-3.78	2.47	2.29	0.70
7	4+N	4+M	K701	-13.40	-14.19	-4.09	2.48	2.63	0.76
	4+M	4+L	K702	-5.68	-5.68	-1.62	1.05	1.05	0.30
	4+L	4+K	K701	-14.19	-13.40	-4.09	2.63	2.48	0.76
6	4+N	4+M	K601	-14.35	-15.30	-4.39	2.71	2.90	0.83
	4+M	4+L	K602	-6.16	-6.16	-1.76	1.17	1.17	0.33
	4+L	4+K	K601	-15.31	-14.37	-4.40	2.90	2.72	0.83
5	4+N	4+M	K501	-15.43	-16.76	-4.77	2.96	3.20	0.91
	4+L	4+K	K501A	-16.72	-15.37	-4.75	3.19	2.94	0.91
4	4+N	4+M	K401	-17.10	-18.27	-5.24	3.55	3.83	1.09
	4+M	4+L	K402	-7.38	-7.39	-2.11	1.56	1.57	0.45
	4+L	4+K	K401	-18.47	-17.41	-5.32	3.90	3.66	1.12
3	4+N	4+M	K301	-19.04	-20.59	-5.89	3.75	3.95	1.15
	4+M	4+L	K302	-8.30	-8.24	-2.36	1.54	1.52	0.44
	4+L	4+K	K301	-19.57	-17.47	-5.51	3.59	3.21	1.01
2	4+N	4+M	K201	-21.51	-24.10	-6.78	7.52	8.51	2.38
	4+M	4+L	K202	-10.39	-10.71	-3.01	3.70	3.81	1.07
1	4+N	4+M	K101	-15.22	-16.12	-4.66	5.40	5.71	1.65
	4+M	4+L	K102	-16.42	-16.49	-4.70	5.81	5.83	1.66
	4+L	4+K	K101	-6.58	-6.37	-1.93	2.33	2.27	0.68

5 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	5+N	5+M	K1303	-4.96	-5.75	-1.58	0.57	0.66	0.18
	5+M	5+L	K1304	-5.64	-5.28	-1.56	0.65	0.60	0.18
	5+L	5+K	K1303	-6.11	-4.96	-1.64	0.70	0.57	0.19
12	5+N	5+M	K1203	-10.01	-10.89	-3.09	1.14	1.24	0.35
	5+M	5+L	K1204	-10.16	-9.75	-2.85	1.16	1.11	0.32
	5+L	5+K	K1203	-11.30	-10.01	-3.15	1.29	1.14	0.36

11	5+N	5+M	K1103	-13.50	-14.79	-4.18	1.54	1.68	0.47
	5+M	5+L	K1104	-13.87	-13.28	-3.88	1.58	1.51	0.44
	5+L	5+K	K1103	-15.38	-13.50	-4.26	1.75	1.54	0.48
10	5+N	5+M	K1003	-16.49	-17.94	-5.08	1.87	2.03	0.58
	5+M	5+L	K1004	-18.76	-18.05	-5.26	2.12	2.04	0.60
	5+L	5+K	K1003	-18.65	-16.49	-5.19	2.11	1.87	0.59
9	5+N	5+M	K903	-20.34	-21.82	-6.25	2.34	2.52	0.72
	5+M	5+L	K904	-22.48	-21.75	-6.32	2.59	2.51	0.73
	5+L	5+K	K903	-22.55	-20.34	-6.35	2.60	2.34	0.73
8	5+N	5+M	K803	-23.53	-25.16	-7.21	2.75	2.94	0.84
	5+M	5+L	K804	-23.03	-22.28	-6.47	2.69	2.60	0.76
	5+L	5+K	K803	-25.91	-23.53	-7.33	3.03	2.75	0.86
7	5+N	5+M	K703	-25.75	-27.31	-7.86	3.00	3.18	0.92
	5+M	5+L	K704	-27.84	-27.07	-7.84	3.24	3.15	0.91
	5+L	5+K	K703	-28.07	-25.74	-7.97	3.27	3.00	0.93
6	5+N	5+M	K603	-28.05	-30.15	-8.62	3.33	3.59	1.03
	5+M	5+L	K604	-31.11	-30.08	-8.74	3.71	3.58	1.04
	5+L	5+K	K603	-31.20	-28.06	-8.78	3.72	3.33	1.04
5	5+N	5+M	K503	-31.34	-33.38	-9.59	3.77	4.01	1.15
	5+M	5+L	K504	-30.43	-29.46	-8.56	3.65	3.54	1.03
	5+L	5+K	K503	-34.26	-31.29	-9.71	4.12	3.79	1.17
4	5+N	5+M	K403	-30.32	-34.80	-9.65	4.08	4.63	1.29
	5+M	5+L	K404	-37.99	-35.94	-10.56	5.03	4.76	1.40
	5+L	5+K	K403	-37.27	-30.62	-10.06	4.94	4.01	1.33
3	5+N	5+M	K303	-57.98	-50.88	-16.19	6.70	6.00	1.89
	5+M	5+L	K304	-41.61	-44.35	-12.28	4.98	5.34	1.47
	5+L	5+K	K303	-46.17	-56.35	-15.24	5.55	7.08	1.88
2	5+N	5+M	K203	-87.20	-68.80	-23.20	18.94	15.14	5.07
	5+M	5+L	K204	-45.18	-47.15	-13.19	10.16	3.76	1.99
1	5+N	5+M	K103	-49.27	-42.10	-13.59	13.05	10.44	3.49
	5+M	5+L	K104	-33.94	-33.39	-9.62	7.63	7.62	2.18
	5+L	5+K	K103	-13.70	-11.32	-3.72	3.13	2.79	0.88

6 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	6+N	6+M	K1305	-4.70	-5.73	-1.54	0.19	0.23	0.06
	6+M	6+L	K1306	-5.55	-5.88	-1.63	0.22	0.24	0.07
	6+L	6+K	K1305	-5.39	-4.70	-1.49	0.22	0.19	0.06
12	6+N	6+M	K1205	-9.50	-10.68	-2.98	0.38	0.43	0.12
	6+M	6+L	K1206	-10.34	-10.73	-3.01	0.41	0.43	0.12
	6+L	6+K	K1205	-10.30	-9.50	-2.92	0.41	0.38	0.12
11	6+N	6+M	K1105	-12.82	-14.49	-4.03	0.51	0.58	0.16
	6+M	6+L	K1106	-14.02	-14.57	-4.08	0.56	0.58	0.16
	6+L	6+K	K1105	-13.94	-12.82	-3.95	0.55	0.51	0.16
10	6+N	6+M	K1005	-15.74	-17.82	-4.95	0.62	0.70	0.20
	6+M	6+L	K1006	-17.25	-17.93	-5.03	0.68	0.71	0.20
	6+L	6+K	K1005	-17.13	-15.74	-4.85	0.68	0.62	0.19

9	6+N	6+M	K905	-19.40	-21.57	-6.07	0.78	0.87	0.24
	6+M	6+L	K906	-20.80	-21.51	-6.04	0.84	0.87	0.24
	6+L	6+K	K905	-20.85	-19.40	-5.96	0.84	0.78	0.24
8	6+N	6+M	K805	-22.35	-24.46	-6.94	0.91	1.00	0.28
	6+M	6+L	K806	-23.59	-24.28	-6.84	0.96	0.99	0.28
	6+L	6+K	K805	-23.77	-22.35	-6.83	0.97	0.91	0.28
7	6+N	6+M	K705	-24.55	-26.81	-7.61	1.00	1.09	0.31
	6+M	6+L	K706	-25.85	-26.59	-7.49	1.05	1.08	0.30
	6+L	6+K	K705	-26.06	-24.55	-7.50	1.06	1.00	0.31
6	6+N	6+M	K605	-26.78	-29.80	-8.38	1.12	1.24	0.35
	6+M	6+L	K606	-28.74	-29.74	-8.35	1.20	1.24	0.35
	6+L	6+K	K605	-28.80	-26.76	-8.23	1.20	1.11	0.34
5	6+N	6+M	K505	-29.59	-32.37	-9.18	1.24	1.36	0.39
	6+M	6+L	K506	-31.21	-32.11	-9.05	1.31	1.35	0.38
	6+L	6+K	K505	-31.51	-29.74	-9.07	1.33	1.27	0.38
4	6+N	6+M	K405	-29.93	-35.93	-9.76	1.47	1.72	0.47
	6+M	6+L	K406	-34.65	-36.69	-10.19	1.65	1.74	0.49
	6+L	6+K	K405	-33.63	-29.17	-9.30	1.58	1.35	0.44
3	6+N	6+M	K305	-49.72	-42.13	-13.66	1.82	1.66	0.52
	6+M	6+L	K306	-40.47	-37.80	-11.18	1.60	1.53	0.45
	6+L	6+K	K305	-46.49	-53.77	-14.91	2.00	2.42	0.66
1	6+N	6+M	K105	-41.76	-34.38	-11.32	4.29	3.11	1.10
	6+M	6+L	K106	-33.03	-31.38	-9.20	2.98	2.67	0.81
	6+L	6+K	K105	-11.87	-10.62	-3.34	1.06	0.99	0.30

7 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	7+N	7+M	K1317	-4.70	-5.73	-1.54	0.19	0.23	0.06
	7+M	7+L	K1306	-5.55	-5.88	-1.63	0.22	0.24	0.07
	7+L	7+K	K1305	-5.39	-4.70	-1.49	0.22	0.19	0.06
12	7+N	7+M	K1217	-9.50	-10.68	-2.98	0.38	0.43	0.12
	7+M	7+L	K1206	-10.34	-10.73	-3.01	0.41	0.43	0.12
	7+L	7+K	K1205	-10.30	-9.50	-2.92	0.41	0.38	0.12
11	7+N	7+M	K1117	-12.82	-14.49	-4.03	0.51	0.58	0.16
	7+M	7+L	K1106	-14.02	-14.57	-4.08	0.56	0.58	0.16
	7+L	7+K	K1105	-13.94	-12.82	-3.95	0.55	0.51	0.16
10	7+N	7+M	K1017	-15.74	-17.82	-4.95	0.62	0.70	0.20
	7+M	7+L	K1006	-17.25	-17.93	-5.03	0.68	0.71	0.20
	7+L	7+K	K1005	-17.13	-15.74	-4.85	0.68	0.62	0.19
9	7+N	7+M	K917	-19.40	-21.57	-6.07	0.78	0.87	0.24
	7+M	7+L	K906	-20.80	-21.51	-6.04	0.84	0.87	0.24
	7+L	7+K	K905	-20.85	-19.40	-5.96	0.84	0.78	0.24
8	7+N	7+M	K817	-22.35	-24.46	-6.93	0.91	1.00	0.28
	7+M	7+L	K806	-23.59	-24.28	-6.84	0.96	0.99	0.28
	7+L	7+K	K805	-23.77	-22.35	-6.83	0.97	0.91	0.28
7	7+N	7+M	K717	-24.54	-26.80	-7.61	0.99	1.08	0.31
	7+M	7+L	K706	-25.85	-26.59	-7.49	1.04	1.07	0.30

	7+L	7+K	K705	-26.06	-24.55	-7.50	1.05	0.99	0.30
6	7+N	7+M	K617	-26.78	-29.80	-8.38	1.08	1.20	0.34
	7+M	7+L	K606	-28.73	-29.73	-8.35	1.16	1.20	0.34
	7+L	7+K	K605	-28.79	-26.75	-8.23	1.16	1.08	0.33
5	7+N	7+M	K517	-29.58	-32.35	-9.17	1.17	1.29	0.36
	7+M	7+L	K506	-31.20	-32.09	-9.04	1.24	1.28	0.36
	7+L	7+K	K505	-31.49	-29.72	-9.07	1.25	1.16	0.36
4	7+N	7+M	K417	-29.87	-35.86	-9.74	1.09	1.28	0.35
	7+M	7+L	K406	-34.58	-36.61	-10.17	1.24	1.30	0.36
	7+L	7+K	K405	-33.56	-29.12	-9.29	1.24	1.13	0.35
3	7+N	7+M	K317	-49.62	-42.01	-13.63	1.45	1.26	0.40
	7+M	7+L	K306	-40.36	-37.70	-11.15	1.21	1.15	0.34
	7+L	7+K	K305	-46.36	-53.59	-14.86	1.21	1.22	0.36
1	7+N	7+M	K117	-41.05	-33.88	-11.14	-0.77	-0.25	-0.15
	7+M	7+L	K106	-32.55	-30.97	-9.07	-0.24	-0.08	-0.05
	7+L	7+K	K105	-11.71	-10.47	-3.30	-0.06	-0.08	-0.02

8 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	8+N	8+M	K1318	-4.96	-5.75	-1.58	0.57	0.66	0.18
	8+M	8+L	K1304	-5.64	-5.28	-1.56	0.65	0.60	0.18
	8+L	8+K	K1303	-6.11	-4.96	-1.64	0.70	0.57	0.19
12	8+N	8+M	K1218	-10.01	-10.89	-3.09	1.14	1.24	0.35
	8+M	8+L	K1204	-10.16	-9.75	-2.85	1.16	1.11	0.32
	8+L	8+K	K1203	-11.30	-10.01	-3.15	1.29	1.14	0.36
11	8+N	8+M	K1118	-13.50	-14.79	-4.18	1.54	1.68	0.47
	8+M	8+L	K1104	-13.87	-13.28	-3.88	1.58	1.51	0.44
	8+L	8+K	K1103	-15.38	-13.50	-4.26	1.75	1.54	0.48
10	8+N	8+M	K1018	-16.49	-17.94	-5.08	1.87	2.03	0.58
	8+M	8+L	K1004	-18.76	-18.05	-5.26	2.12	2.04	0.60
	8+L	8+K	K1003	-18.65	-16.49	-5.19	2.11	1.87	0.59
9	8+N	8+M	K918	-20.34	-21.82	-6.25	2.34	2.51	0.72
	8+M	8+L	K904	-22.48	-21.75	-6.32	2.59	2.51	0.73
	8+L	8+K	K903	-22.55	-20.34	-6.35	2.60	2.34	0.73
8	8+N	8+M	K818	-23.53	-25.16	-7.21	2.74	2.93	0.84
	8+M	8+L	K804	-23.03	-22.28	-6.47	2.69	2.60	0.75
	8+L	8+K	K803	-25.91	-23.53	-7.33	3.02	2.74	0.85
7	8+N	8+M	K718	-25.74	-27.30	-7.86	2.97	3.15	0.91
	8+M	8+L	K704	-27.84	-27.07	-7.84	3.22	3.13	0.91
	8+L	8+K	K703	-28.07	-25.74	-7.97	3.24	2.97	0.92
6	8+N	8+M	K618	-28.04	-30.13	-8.62	3.24	3.48	1.00
	8+M	8+L	K604	-31.09	-30.07	-8.74	3.59	3.47	1.01
	8+L	8+K	K603	-31.18	-28.05	-8.77	3.60	3.25	1.01
5	8+N	8+M	K518	-31.29	-33.33	-9.57	3.50	3.75	1.07
	8+M	8+L	K504	-30.39	-29.42	-8.54	3.45	3.33	0.97
	8+L	8+K	K503	-34.21	-31.23	-9.70	3.87	3.48	1.09
4	8+N	8+M	K418	-30.17	-34.62	-9.60	3.27	3.65	1.03

	8+M	8+L	K404	-37.79	-35.76	-10.51	3.87	3.71	1.08
	8+L	8+K	K403	-37.08	-30.49	-10.01	3.84	3.37	1.07
3	8+N	8+M	K318	-57.59	-50.54	-16.08	4.05	3.73	1.16
	8+N	8+L	K304	-41.32	-44.01	-12.19	3.31	3.35	0.95
	8+L	8+K	K303	-45.81	-55.84	-15.12	3.49	3.53	1.04
2	8+N	8+M	K218	-84.65	-66.74	-22.51	-2.92	-2.60	-0.82
	8+M	8+L	K204	-43.84	-46.42	-12.89	-2.03	3.35	0.19
1	8+N	8+M	K118	-47.36	-40.62	-13.08	-2.93	-1.73	-0.69
	8+M	8+L	K104	-32.89	-32.33	-9.32	-0.54	-0.60	-0.16
	8+L	8+K	K103	-13.27	-10.93	-3.60	-0.25	-0.34	-0.09

9 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	9+N	9+M	K1307	-2.91	-3.54	-0.95	0.53	0.65	0.17
	9+L	9+K	K1308	-3.54	-2.91	-0.95	0.65	0.53	0.17
12	9+N	9+M	K1207	-5.47	-5.97	-1.69	0.99	1.08	0.31
	9+L	9+K	K1208	-5.97	-5.47	-1.69	1.08	0.99	0.31
11	9+N	9+M	K1107	-7.41	-8.26	-2.31	1.34	1.50	0.42
	9+L	9+K	K1108	-8.26	-7.41	-2.31	1.50	1.34	0.42
10	9+N	9+M	K1007	-8.97	-9.77	-2.77	1.62	1.76	0.50
	9+M	9+L	K1008	-4.02	-4.02	-1.15	0.72	0.72	0.21
	9+L	9+K	K1007	-9.77	-8.97	-2.77	1.76	1.62	0.50
9	9+N	9+M	K907	-10.74	-11.48	-3.29	1.97	2.11	0.60
	9+M	9+L	K908	-4.63	-4.63	-1.32	0.85	0.85	0.24
	9+L	9+K	K907	-11.48	-10.74	-3.29	2.11	1.97	0.60
8	9+N	9+M	K807	-12.29	-13.25	-3.78	2.28	2.46	0.70
	9+L	9+K	K807A	-13.25	-12.29	-3.78	2.46	2.28	0.70
7	9+N	9+M	K707	-13.39	-14.19	-4.09	2.47	2.61	0.75
	9+M	9+L	K708	-5.68	-5.68	-1.62	1.04	1.04	0.30
	9+L	9+K	K707	-14.18	-13.39	-4.08	2.61	2.47	0.75
6	9+N	9+M	K607	-14.34	-15.29	-4.39	2.63	2.81	0.81
	9+M	9+L	K608	-6.15	-6.15	-1.76	1.13	1.13	0.32
	9+L	9+K	K607	-15.30	-14.37	-4.40	2.81	2.63	0.81
5	9+N	9+M	K507	-15.39	-16.73	-4.76	2.77	3.02	0.86
	9+L	9+K	K507A	-16.65	-15.25	-4.73	3.03	2.79	0.86
4	9+N	9+M	K407	-16.97	-18.12	-5.20	2.80	2.97	0.85
	9+M	9+L	K408	-7.31	-7.32	-2.09	1.19	1.19	0.34
	9+L	9+K	K407	-18.52	-17.72	-5.37	2.92	2.69	0.83
3	9+N	9+M	K307	-18.82	-20.37	-5.83	2.27	2.56	0.72
	9+M	9+L	K308	-8.24	-8.20	-2.35	1.08	1.08	0.31
	9+L	9+K	K307	-18.31	-15.03	-4.96	2.84	2.80	0.84
2	9+N	9+M	K207	-20.50	-22.95	-6.46	-1.47	-1.75	-0.48
	9+M	9+L	K208	-9.89	-10.19	-2.87	-0.79	-0.82	-0.23
1	9+N	9+M	K107	-14.50	-15.36	-4.44	-0.50	-0.50	-0.15
	9+M	9+L	K108	-15.61	-15.64	-4.46	-0.47	-0.46	-0.13
	9+L	9+K	K107	-8.14	-9.87	-2.68	-0.51	-0.84	-0.20

N AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	9+N	8+N	K1309	0.19	0.21	0.06	-2.49	-2.78	-0.78
	8+N	7+N	K1310	0.22	0.22	0.06	-2.96	-2.94	-0.84
	7+N	6+N	K1311	0.22	0.22	0.06	-2.93	-2.93	-0.84
	6+N	5+N	K1310	0.22	0.22	0.06	-2.94	-2.96	-0.84
	5+N	4+N	K1309	0.21	0.19	0.06	-2.78	-2.49	-0.78
12	9+N	8+N	K1209	0.36	0.38	0.11	-4.82	-5.10	-1.46
	8+N	7+N	K1210	0.39	0.39	0.11	-5.22	-5.22	-1.49
	7+N	6+N	K1211	0.39	0.39	0.11	-5.22	-5.22	-1.49
	6+N	5+N	K1210	0.39	0.39	0.11	-5.22	-5.22	-1.49
	5+N	4+N	K1209	0.38	0.36	0.11	-5.10	-4.82	-1.46
11	9+N	8+N	K1109	0.48	0.51	0.15	-6.61	-7.04	-2.01
	8+N	7+N	K1110	0.52	0.52	0.15	-7.22	-7.21	-2.06
	7+N	6+N	K1111	0.52	0.52	0.15	-7.20	-7.20	-2.06
	6+N	5+N	K1110	0.52	0.52	0.15	-7.21	-7.22	-2.06
	5+N	4+N	K1109	0.51	0.48	0.15	-7.04	-6.61	-2.01
10	9+N	8+N	K1009	0.58	0.62	0.18	-8.26	-8.81	-2.52
	8+N	7+N	K1010	0.63	0.63	0.18	-9.05	-9.04	-2.58
	7+N	6+N	K1011	0.63	0.63	0.18	-9.03	-9.03	-2.58
	6+N	5+N	K1010	0.63	0.63	0.18	-9.04	-9.05	-2.58
	5+N	4+N	K1009	0.62	0.58	0.18	-8.81	-8.26	-2.52
9	9+N	8+N	K909	0.71	0.75	0.22	-10.03	-10.59	-3.06
	8+N	7+N	K910	0.76	0.76	0.22	-10.75	-10.75	-3.07
	7+N	6+N	K911	0.76	0.76	0.22	-10.74	-10.74	-3.07
	6+N	5+N	K910	0.76	0.76	0.22	-10.75	-10.75	-3.07
	5+N	4+N	K909	0.75	0.71	0.22	-10.59	-10.03	-3.06
8	9+N	8+N	K809	0.81	0.85	0.24	-11.38	-11.91	-3.45
	8+N	7+N	K810	0.85	0.85	0.24	-12.00	-12.00	-3.43
	7+N	6+N	K811	0.85	0.85	0.24	-12.00	-12.00	-3.43
	6+N	5+N	K810	0.85	0.85	0.24	-12.00	-12.00	-3.43
	5+N	4+N	K809	0.85	0.81	0.24	-11.91	-11.38	-3.45
7	9+N	8+N	K709	0.88	0.93	0.27	-12.62	-13.22	-3.83
	8+N	7+N	K710	0.93	0.93	0.27	-13.33	-13.32	-3.81
	7+N	6+N	K711	0.93	0.93	0.27	-13.32	-13.32	-3.81
	6+N	5+N	K710	0.93	0.93	0.27	-13.32	-13.33	-3.81
	5+N	4+N	K709	0.93	0.88	0.27	-13.22	-12.62	-3.83
6	9+N	8+N	K609	0.95	1.00	0.29	-13.55	-14.26	-4.12
	8+N	7+N	K610	1.01	1.01	0.29	-14.44	-14.44	-4.13
	7+N	6+N	K611	1.01	1.01	0.29	-14.45	-14.45	-4.13
	6+N	5+N	K610	1.01	1.01	0.29	-14.44	-14.44	-4.13
	5+N	4+N	K609	1.00	0.95	0.29	-14.26	-13.55	-4.12
5	9+N	8+N	K509	1.01	1.08	0.31	-14.29	-15.40	-4.40
	8+N	7+N	K510	1.12	1.12	0.32	-15.89	-15.87	-4.54
	7+N	6+N	K511	1.12	1.12	0.32	-15.84	-15.84	-4.53
	6+N	5+N	K510	1.12	1.12	0.32	-15.87	-15.89	-4.54
	5+N	4+N	K509	1.08	1.01	0.31	-15.40	-14.29	-4.40
4	9+N	8+N	K409	1.05	1.06	0.31	-15.66	-15.79	-4.66
	8+N	7+N	K410	1.03	1.04	0.30	-15.41	-15.47	-4.41
	7+N	6+N	K411	1.04	1.04	0.30	-15.53	-15.53	-4.44
	6+N	5+N	K410	1.04	1.03	0.30	-15.47	-15.41	-4.41

	5+N	4+N	K409	1.06	1.05	0.31	-15.79	-15.66	-4.66
3	9+N	8+N	K309	1.13	1.42	0.38	-17.71	-22.21	-5.94
	8+N	7+N	K310	1.64	1.63	0.47	-25.46	-25.25	-7.24
	7+N	6+N	K311	1.62	1.62	0.46	-25.05	-25.05	-7.16
	6+N	5+N	K310	1.63	1.64	0.47	-25.25	-25.46	-7.24
	5+N	4+N	K309	1.42	1.13	0.38	-22.21	-17.71	-5.94
2	9+N	8+N	K209	0.87	1.32	0.33	-17.28	-26.08	-6.45
	8+N	7+N	K210	1.72	1.75	0.50	-33.96	-34.42	-9.77
	6+N	5+N	K210	1.75	1.72	0.50	-34.42	-33.96	-9.77
	5+N	4+N	K209	1.32	0.87	0.33	-26.08	-17.28	-6.45
1	9+N	8+N	K109	0.65	0.77	0.21	-12.80	-16.07	-4.29
	8+N	7+N	K110	0.86	0.86	0.25	-18.61	-18.64	-5.32
	7+N	6+N	K111	0.34	0.34	0.10	-7.34	-7.34	-2.10
	6+N	5+N	K110	0.86	0.86	0.25	-18.64	-18.61	-5.32
	5+N	4+N	K109	0.77	0.65	0.21	-16.07	-12.80	-4.29

M AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	9+M	8+M	K1312	0.11	0.12	0.03	-4.01	-4.52	-1.26
	8+M	7+M	K1313	0.15	0.14	0.04	-5.37	-5.25	-1.52
	7+M	6+M	K1314	0.14	0.14	0.04	-5.25	-5.25	-1.50
	6+M	5+M	K1313	0.14	0.15	0.04	-5.25	-5.37	-1.52
	5+M	4+M	K1312	0.12	0.11	0.03	-4.52	-4.01	-1.26
12	9+M	8+M	K1212	0.22	0.23	0.07	-8.04	-8.60	-2.46
	8+M	7+M	K1213	0.27	0.26	0.08	-9.90	-9.82	-2.82
	7+M	6+M	K1214	0.26	0.26	0.08	-9.82	-9.82	-2.81
	6+M	5+M	K1213	0.26	0.27	0.08	-9.82	-9.90	-2.82
	5+M	4+M	K1212	0.23	0.22	0.07	-8.60	-8.04	-2.46
11	9+M	8+M	K1112	0.29	0.31	0.09	-11.14	-11.93	-3.41
	8+M	7+M	K1113	0.36	0.35	0.10	-13.70	-13.55	-3.89
	7+M	6+M	K1114	0.35	0.35	0.10	-13.55	-13.55	-3.87
	6+M	5+M	K1113	0.35	0.36	0.10	-13.55	-13.70	-3.89
	5+M	4+M	K1112	0.31	0.29	0.09	-11.93	-11.14	-3.41
10	9+M	8+M	K1012	0.38	0.41	0.12	-14.86	-16.21	-4.59
	8+M	7+M	K1013	0.43	0.43	0.12	-16.95	-16.91	-4.84
	7+M	6+M	K1014	0.43	0.43	0.12	-16.91	-16.91	-4.83
	6+M	5+M	K1013	0.43	0.43	0.12	-16.91	-16.95	-4.84
	5+M	4+M	K1012	0.41	0.38	0.12	-16.21	-14.86	-4.59
9	9+M	8+M	K912	0.47	0.51	0.14	-18.42	-19.86	-5.67
	8+M	7+M	K913	0.52	0.52	0.15	-20.53	-20.53	-5.87
	7+M	6+M	K914	0.52	0.52	0.15	-20.53	-20.53	-5.87
	6+M	5+M	K913	0.52	0.52	0.15	-20.53	-20.53	-5.87
	5+M	4+M	K912	0.51	0.47	0.14	-19.86	-18.42	-5.67
8	9+M	8+M	K812	0.51	0.53	0.15	-19.86	-20.84	-6.03
	8+M	7+M	K813	0.60	0.60	0.17	-23.48	-23.32	-6.69
	7+M	6+M	K814	0.60	0.60	0.17	-23.32	-23.32	-6.66
	6+M	5+M	K813	0.60	0.60	0.17	-23.32	-23.48	-6.69
	5+M	4+M	K812	0.53	0.51	0.15	-20.84	-19.86	-6.03
7	9+M	8+M	K712	0.60	0.63	0.18	-23.56	-25.06	-7.20
	8+M	7+M	K713	0.65	0.65	0.18	-25.62	-25.62	-7.32
	7+M	6+M	K714	0.65	0.65	0.18	-25.62	-25.62	-7.32
	6+M	5+M	K713	0.65	0.65	0.18	-25.62	-25.62	-7.32

	5+M	4+M	K712	0.63	0.60	0.18	-25.06	-23.56	-7.20
6	9+M	8+M	K612	0.65	0.70	0.20	-25.80	-27.75	-7.93
	8+M	7+M	K613	0.72	0.72	0.21	-28.64	-28.65	-8.18
	7+M	6+M	K614	0.72	0.72	0.21	-28.65	-28.65	-8.18
	6+M	5+M	K613	0.72	0.72	0.21	-28.65	-28.64	-8.18
	5+M	4+M	K612	0.70	0.65	0.20	-27.75	-25.80	-7.93
5	9+M	8+M	K512	0.64	0.68	0.20	-25.55	-27.08	-7.80
	8+M	7+M	K513	0.78	0.78	0.22	-30.83	-30.65	-8.78
	7+M	6+M	K514	0.78	0.78	0.22	-30.65	-30.65	-8.76
	6+M	5+M	K513	0.78	0.78	0.22	-30.65	-30.83	-8.78
	5+M	4+M	K512	0.68	0.64	0.20	-27.08	-25.55	-7.80
4	9+M	8+M	K412	0.73	0.78	0.22	-31.31	-33.78	-9.64
	8+M	7+M	K413	0.81	0.81	0.23	-35.01	-35.09	-10.01
	7+M	6+M	K414	0.81	0.81	0.23	-35.09	-35.09	-10.03
	6+M	5+M	K413	0.81	0.81	0.23	-35.09	-35.01	-10.01
	5+M	4+M	K412	0.78	0.73	0.22	-33.78	-31.31	-9.64
3	9+M	8+M	K312	0.62	0.68	0.19	-29.97	-32.51	-9.29
	8+M	7+M	K313	0.71	0.71	0.20	-33.39	-32.96	-9.48
	7+M	6+M	K314	0.71	0.71	0.20	-32.96	-32.96	-9.42
	6+M	5+M	K313	0.71	0.71	0.20	-32.96	-33.39	-9.48
	5+M	4+M	K312	0.68	0.62	0.19	-32.51	-29.97	-9.29
2	9+M	8+M	K212	0.24	0.25	0.07	-26.94	-30.01	-8.47
	8+M	7+M	K213	0.24	8.56	1.26	-29.47	-30.48	-8.56
	6+M	5+M	K213	-10.34	0.24	-1.44	-29.69	-29.47	-8.45
	5+M	4+M	K212	0.25	0.24	0.07	-30.01	-26.94	-8.47
1	9+M	8+M	K112	0.31	0.34	0.10	-22.93	-24.80	-7.10
	8+M	7+M	K113	0.35	0.35	0.10	-25.42	-25.10	-7.22
	7+M	6+M	K114	0.35	0.35	0.10	-25.10	-25.10	-7.17
	6+M	5+M	K113	0.35	0.35	0.10	-25.10	-25.42	-7.22
	5+M	4+M	K112	0.34	0.31	0.10	-24.80	-22.93	-7.10

L AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	9+L	8+L	K1316	0.11	0.13	0.04	-4.01	-4.74	-1.29
	8+L	7+L	K1313	0.14	0.15	0.04	-5.15	-5.29	-1.49
	7+L	6+L	K1314	0.14	0.14	0.04	-5.22	-5.22	-1.49
	6+L	5+L	K1313	0.15	0.14	0.04	-5.29	-5.15	-1.49
	5+L	4+L	K1312	0.13	0.11	0.04	-4.74	-4.01	-1.29
12	9+L	8+L	K1216	0.22	0.24	0.07	-8.04	-8.87	-2.50
	8+L	7+L	K1213	0.26	0.26	0.07	-9.63	-9.85	-2.78
	7+L	6+L	K1214	0.26	0.26	0.08	-9.80	-9.80	-2.80
	6+L	5+L	K1213	0.26	0.26	0.07	-9.85	-9.63	-2.78
	5+L	4+L	K1212	0.24	0.22	0.07	-8.87	-8.04	-2.50
11	9+L	8+L	K1116	0.29	0.32	0.09	-11.14	-12.29	-3.46
	8+L	7+L	K1113	0.35	0.35	0.10	-13.34	-13.60	-3.85
	7+L	6+L	K1114	0.35	0.35	0.10	-13.50	-13.50	-3.86
	6+L	5+L	K1113	0.35	0.35	0.10	-13.60	-13.34	-3.85
	5+L	4+L	K1112	0.32	0.29	0.09	-12.29	-11.14	-3.46
10	9+L	8+L	K1016	0.38	0.43	0.12	-14.86	-16.85	-4.68
	8+L	7+L	K1013	0.41	0.43	0.12	-16.31	-16.93	-4.75
	7+L	6+L	K1014	0.43	0.43	0.12	-16.90	-16.90	-4.83
	6+L	5+L	K1013	0.43	0.41	0.12	-16.93	-16.31	-4.75

	5+L	4+L	K1012	0.43	0.38	0.12	-16.85	-14.86	-4.68
9	9+L	8+L	K916	0.47	0.52	0.15	-18.42	-20.56	-5.78
	8+L	7+L	K913	0.51	0.52	0.15	-19.83	-20.53	-5.77
	7+L	6+L	K914	0.52	0.52	0.15	-20.53	-20.53	-5.87
	6+L	5+L	K913	0.52	0.51	0.15	-20.53	-19.83	-5.77
	5+L	4+L	K912	0.52	0.47	0.15	-20.56	-18.42	-5.78
8	9+L	8+L	K816	0.51	0.55	0.16	-19.86	-21.30	-6.10
	8+L	7+L	K813	0.59	0.60	0.17	-23.03	-23.38	-6.63
	7+L	6+L	K814	0.60	0.60	0.17	-23.27	-23.27	-6.65
	6+L	5+L	K813	0.60	0.59	0.17	-23.38	-23.03	-6.63
	5+L	4+L	K812	0.55	0.51	0.16	-21.30	-19.86	-6.10
7	9+L	8+L	K716	0.60	0.66	0.19	-23.57	-25.81	-7.32
	8+L	7+L	K713	0.63	0.65	0.18	-24.89	-25.63	-7.22
	7+L	6+L	K714	0.65	0.65	0.19	-25.63	-25.63	-7.32
	6+L	5+L	K713	0.65	0.63	0.18	-25.63	-24.89	-7.22
	5+L	4+L	K712	0.66	0.60	0.19	-25.81	-23.57	-7.32
6	9+L	8+L	K616	0.67	0.74	0.21	-25.85	-28.78	-8.09
	8+L	7+L	K613	0.72	0.74	0.21	-27.75	-28.72	-8.07
	7+L	6+L	K614	0.74	0.74	0.21	-28.72	-28.72	-8.21
	6+L	5+L	K613	0.74	0.72	0.21	-28.72	-27.75	-8.07
	5+L	4+L	K612	0.74	0.67	0.21	-28.78	-25.85	-8.09
5	9+L	8+L	K516	0.68	0.74	0.21	-25.66	-27.90	-7.94
	8+L	7+L	K513	0.80	0.81	0.23	-30.17	-30.78	-8.71
	7+L	6+L	K514	0.81	0.81	0.23	-30.66	-30.66	-8.76
	6+L	5+L	K513	0.81	0.80	0.23	-30.78	-30.18	-8.71
	5+L	4+L	K512	0.74	0.68	0.21	-27.90	-25.66	-7.94
4	9+L	8+L	K416	0.89	1.01	0.28	-31.85	-35.75	-10.02
	8+L	7+L	K413	0.97	1.02	0.28	-34.48	-35.87	-10.05
	7+L	6+L	K414	1.02	1.02	0.29	-35.95	-35.95	-10.27
	6+L	5+L	K413	1.02	0.97	0.28	-35.86	-34.47	-10.05
	5+L	4+L	K412	1.01	0.89	0.28	-35.75	-31.85	-10.01
3	9+L	8+L	K316	0.93	0.98	0.28	-30.69	-33.87	-9.60
	8+L	7+L	K313	0.94	0.93	0.27	-32.54	-33.07	-9.37
	7+L	6+L	K314	0.92	0.92	0.26	-32.68	-32.68	-9.34
	6+L	5+L	K313	0.94	0.94	0.27	-33.08	-32.56	-9.38
	5+L	4+L	K312	0.98	0.93	0.28	-33.89	-30.70	-9.60
2	9+L	8+L	K216	1.63	9.31	1.63	-30.79	-35.32	-9.83
	5+L	4+L	K212A	-7.75	1.63	-0.91	-33.50	-30.75	-9.55
1	9+L	8+L	K116	1.30	1.43	0.41	-26.36	-29.12	-8.25
	8+L	7+L	K113	1.37	1.40	0.40	-27.98	-28.50	-8.07
	7+L	6+L	K114	1.38	1.38	0.39	-28.22	-28.22	-8.06
	6+L	5+L	K113	1.40	1.38	0.40	-28.51	-28.00	-8.07
	5+L	4+L	K112	1.43	1.30	0.41	-29.14	-26.37	-8.25

K AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
13	9+K	8+K	K1320	0.19	0.21	0.06	-2.49	-2.78	-0.78
	8+K	7+K	K1310	0.22	0.22	0.06	-2.96	-2.94	-0.84
	7+K	6+K	K1311	0.22	0.22	0.06	-2.93	-2.93	-0.84
	6+K	5+K	K1310	0.22	0.22	0.06	-2.94	-2.96	-0.84
	5+K	4+K	K1309	0.21	0.19	0.06	-2.78	-2.49	-0.78

12	9+K	8+K	K1220	0.36	0.38	0.11	-4.82	-5.10	-1.46
	8+K	7+K	K1210	0.39	0.39	0.11	-5.22	-5.22	-1.49
	7+K	6+K	K1211	0.39	0.39	0.11	-5.22	-5.22	-1.49
	6+K	5+K	K1210	0.39	0.39	0.11	-5.22	-5.22	-1.49
	5+K	4+K	K1209	0.38	0.36	0.11	-5.10	-4.82	-1.46
11	9+K	8+K	K1120	0.48	0.51	0.15	-6.61	-7.04	-2.01
	8+K	7+K	K1110	0.52	0.52	0.15	-7.22	-7.21	-2.06
	7+K	6+K	K1111	0.52	0.52	0.15	-7.20	-7.20	-2.06
	6+K	5+K	K1110	0.52	0.52	0.15	-7.21	-7.22	-2.06
	5+K	4+K	K1109	0.51	0.48	0.15	-7.04	-6.61	-2.01
10	9+K	8+K	K1020	0.58	0.62	0.18	-8.26	-8.81	-2.52
	8+K	7+K	K1010	0.63	0.63	0.18	-9.05	-9.04	-2.58
	7+K	6+K	K1011	0.63	0.63	0.18	-9.03	-9.03	-2.58
	6+K	5+K	K1010	0.63	0.63	0.18	-9.04	-9.05	-2.58
	5+K	4+K	K1009	0.62	0.58	0.18	-8.81	-8.26	-2.52
9	9+K	8+K	K920	0.71	0.75	0.22	-10.03	-10.59	-3.06
	8+K	7+K	K910	0.76	0.76	0.22	-10.75	-10.75	-3.07
	7+K	6+K	K911	0.76	0.76	0.22	-10.74	-10.74	-3.07
	6+K	5+K	K910	0.76	0.76	0.22	-10.75	-10.75	-3.07
	5+K	4+K	K909	0.75	0.71	0.22	-10.59	-10.03	-3.06
8	9+K	8+K	K820	0.81	0.85	0.25	-11.39	-11.92	-3.45
	8+K	7+K	K810	0.85	0.85	0.24	-12.00	-12.00	-3.43
	7+K	6+K	K811	0.85	0.85	0.24	-12.00	-12.00	-3.43
	6+K	5+K	K810	0.85	0.85	0.24	-12.00	-12.00	-3.43
	5+K	4+K	K809	0.85	0.81	0.25	-11.92	-11.39	-3.45
7	9+K	8+K	K720	0.89	0.93	0.27	-12.63	-13.24	-3.83
	8+K	7+K	K710	0.94	0.94	0.27	-13.35	-13.34	-3.81
	7+K	6+K	K711	0.94	0.94	0.27	-13.34	-13.34	-3.81
	6+K	5+K	K710	0.94	0.94	0.27	-13.34	-13.35	-3.81
	5+K	4+K	K709	0.93	0.89	0.27	-13.24	-12.64	-3.83
6	9+K	8+K	K620	0.97	1.01	0.29	-13.63	-14.31	-4.14
	8+K	7+K	K610	1.02	1.02	0.29	-14.45	-14.46	-4.13
	7+K	6+K	K611	1.02	1.02	0.29	-14.46	-14.46	-4.13
	6+K	5+K	K610	1.02	1.02	0.29	-14.46	-14.46	-4.13
	5+K	4+K	K609	1.01	0.96	0.29	-14.30	-13.61	-4.13
5	9+K	8+K	K520	1.02	1.12	0.32	-14.27	-15.55	-4.42
	8+K	7+K	K510	1.17	1.17	0.33	-16.20	-16.17	-4.62
	7+K	6+K	K511	1.17	1.17	0.33	-16.14	-16.14	-4.61
	6+K	5+K	K510	1.17	1.17	0.33	-16.16	-16.19	-4.62
	5+K	4+K	K509	1.13	1.03	0.32	-15.60	-14.37	-4.44
4	9+K	8+K	K420	1.24	1.18	0.36	-16.91	-16.35	-4.93
	8+K	7+K	K410	1.09	1.09	0.31	-15.29	-15.35	-4.38
	7+K	6+K	K411	1.10	1.10	0.31	-15.41	-15.41	-4.40
	6+K	5+K	K410	1.10	1.09	0.31	-15.36	-15.31	-4.38
	5+K	4+K	K409	1.16	1.19	0.35	-16.11	-16.39	-4.82
3	9+K	8+K	K320	1.05	1.70	0.41	-15.26	-23.05	-5.70
	8+K	7+K	K310	2.24	2.23	0.64	-29.51	-29.38	-8.41
	7+K	6+K	K311	2.22	2.22	0.63	-29.25	-29.25	-8.36
	6+K	5+K	K310	2.23	2.24	0.64	-29.35	-29.46	-8.40
	5+K	4+K	K309	1.82	1.31	0.47	-24.31	-17.84	-6.27
1	9+K	8+K	K120	2.09	1.67	0.56	-22.24	-17.89	-5.97
	8+K	7+K	K110	1.22	1.25	0.35	-13.27	-13.53	-3.83
	7+K	6+K	K111	0.50	0.50	0.14	-5.42	-5.42	-1.55
	6+K	5+K	K110	1.26	1.24	0.36	-13.63	-13.46	-3.87
	5+K	4+K	K109	1.22	1.17	0.36	-13.37	-12.91	-3.91

E1 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
2	6+M	5+L	K210	14.98	14.18	2.95	-1.26	-12.84	-1.42

E2 AKSI KIRIS MOMENTLERI

KAT NO	I	J	ADI	MIX	MJX	TX	MIY	MJY	TY
2	7+M	8+L	K210A	11.75	10.06	2.20	0.15	8.21	0.84

13. KAT KOLON VE PERDE MOMENTLERi

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)	TYY
1	4	N	2.91	1.91	1.61	-0.53	-0.35	-0.29	-0.19	-0.13	-0.10	2.49	1.63	1.37
2	4	M	3.54	0.35	1.30	0.00	0.00	0.00	-0.11	-0.08	-0.06	4.01	2.84	2.28
3	4	L	3.54	0.35	1.30	-0.65	-0.07	-0.24	-0.11	-0.08	-0.06	4.01	2.84	2.29
4	4	K	2.91	1.91	1.61	-0.53	-0.35	-0.29	-0.19	-0.13	-0.10	2.49	1.63	1.37
8	5	N	4.96	3.66	2.87	-0.57	-0.42	-0.33	0.00	0.00	0.00	5.74	2.50	2.74
9	5	M	11.39	6.21	5.87	-1.30	-0.72	-0.67	-0.27	-0.15	-0.14	9.89	5.29	5.06
10	5	L	11.39	6.21	5.87	-1.30	-0.72	-0.67	-0.27	-0.15	-0.14	9.89	5.29	5.06
11	5	K	4.96	3.66	2.87	-0.57	-0.42	-0.33	-0.43	-0.20	-0.21	5.74	2.50	2.74
12	6	N	4.70	3.47	2.72	-0.19	-0.14	-0.11	-0.44	-0.21	-0.22	5.87	2.57	2.81
13	6	M	11.28	6.33	5.87	-0.45	-0.26	-0.24	-0.29	-0.17	-0.15	10.51	5.83	5.45
14	6	L	11.28	6.33	5.87	-0.45	-0.26	-0.24	-0.29	-0.17	-0.15	10.51	5.83	5.45
15	6	K	4.70	3.47	2.72	-0.19	-0.14	-0.11	-0.44	-0.21	-0.22	5.87	2.57	2.81
16	7	N	4.70	3.47	2.72	-0.19	-0.14	-0.11	-0.44	-0.21	-0.22	5.87	2.57	2.81
17	7	M	11.28	6.33	5.87	-0.45	-0.26	-0.24	-0.29	-0.17	-0.15	10.51	5.83	5.45
18	7	L	11.28	6.33	5.87	-0.45	-0.26	-0.24	-0.29	-0.17	-0.15	10.51	5.83	5.45
19	7	K	4.70	3.47	2.72	-0.19	-0.14	-0.11	-0.44	-0.21	-0.22	5.87	2.57	2.81
20	8	N	4.96	3.66	2.87	-0.57	-0.42	-0.33	-0.43	-0.20	-0.21	5.74	2.50	2.74
21	8	M	11.39	6.21	5.87	-1.30	-0.72	-0.67	-0.27	-0.15	-0.14	9.89	5.29	5.06
22	8	L	11.39	6.21	5.87	-1.30	-0.72	-0.67	-0.27	-0.15	-0.14	9.89	5.29	5.06
23	8	K	4.96	3.66	2.87	-0.57	-0.42	-0.33	0.00	0.00	0.00	5.74	2.50	2.74
27	9	N	2.91	1.91	1.61	-0.53	-0.35	-0.29	-0.19	-0.13	-0.10	2.49	1.63	1.37

28	9	M	3.54	0.35	1.30	0.00	0.00	0.00	-0.11	-0.08	-0.06	4.01	2.84
2.28													
29	9	L	3.54	0.35	1.30	-0.65	-0.07	-0.24	-0.11	-0.08	-0.06	4.01	2.84
2.29													
30	9	K	2.91	1.91	1.61	-0.53	-0.35	-0.29	-0.19	-0.13	-0.10	2.49	1.63
1.37													

12. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	3.55	2.96	2.17	-0.64	-0.54	-0.39	-0.23	-0.19	-0.14	3.19	2.58
1.92													
2	4	M	5.62	1.95	2.52	0.00	0.00	0.00	-0.14	-0.12	-0.08	5.20	4.35
3.18													
3	4	L	5.62	1.95	2.52	-1.01	-0.35	-0.46	-0.14	-0.12	-0.08	5.20	4.35
3.18													
4	4	K	3.55	2.96	2.17	-0.64	-0.54	-0.39	-0.23	-0.19	-0.14	3.19	2.58
1.92													
8	5	N	6.35	5.54	3.96	-0.72	-0.63	-0.45	0.00	0.00	0.00	7.82	4.94
4.25													
9	5	M	14.85	10.60	8.48	-1.69	-1.21	-0.96	-0.35	-0.25	-0.20	13.21	9.27
7.49													
10	5	L	14.85	10.60	8.48	-1.69	-1.21	-0.96	-0.35	-0.25	-0.20	13.21	9.27
7.49													
11	5	K	6.35	5.54	3.96	-0.72	-0.63	-0.45	-0.56	-0.37	-0.31	7.82	4.94
4.25													
12	6	N	6.03	5.25	3.76	-0.24	-0.21	-0.15	-0.57	-0.38	-0.31	7.86	5.00
4.29													
13	6	M	14.70	10.78	8.49	-0.58	-0.43	-0.34	-0.36	-0.27	-0.21	13.82	10.04
7.95													
14	6	L	14.70	10.78	8.49	-0.58	-0.43	-0.34	-0.36	-0.27	-0.21	13.82	10.04
7.95													
15	6	K	6.03	5.25	3.76	-0.24	-0.21	-0.15	-0.57	-0.38	-0.31	7.86	5.00
4.29													
16	7	N	6.03	5.25	3.76	-0.24	-0.21	-0.15	-0.57	-0.38	-0.31	7.86	5.00
4.29													
17	7	M	14.70	10.78	8.49	-0.58	-0.43	-0.34	-0.36	-0.27	-0.21	13.82	10.04
7.95													
18	7	L	14.70	10.78	8.49	-0.58	-0.43	-0.34	-0.36	-0.27	-0.21	13.82	10.04
7.95													
19	7	K	6.03	5.25	3.76	-0.24	-0.21	-0.15	-0.57	-0.38	-0.31	7.86	5.00
4.29													
20	8	N	6.35	5.54	3.96	-0.72	-0.63	-0.45	-0.56	-0.37	-0.31	7.82	4.94
4.25													
21	8	M	14.85	10.60	8.48	-1.69	-1.21	-0.96	-0.35	-0.25	-0.20	13.21	9.27
7.49													
22	8	L	14.85	10.60	8.48	-1.69	-1.21	-0.96	-0.35	-0.25	-0.20	13.21	9.27
7.49													
23	8	K	6.35	5.54	3.96	-0.72	-0.63	-0.45	0.00	0.00	0.00	7.82	4.94
4.25													
27	9	N	3.55	2.96	2.17	-0.64	-0.54	-0.39	-0.23	-0.19	-0.14	3.19	2.58
1.92													
28	9	M	5.62	1.95	2.52	0.00	0.00	0.00	-0.14	-0.12	-0.08	5.20	4.35
3.18													
29	9	L	5.62	1.95	2.52	-1.01	-0.35	-0.46	-0.14	-0.12	-0.08	5.20	4.35
3.18													
30	9	K	3.55	2.96	2.17	-0.64	-0.54	-0.39	-0.23	-0.19	-0.14	3.19	2.58
1.92													

11. KAT KOLON VE PERDE MOMENTLERİ

NO.	MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)

TYY													
1	4	N	4.45	3.85	2.77	-0.81	-0.70	-0.50	-0.29	-0.25	-0.18	4.03	3.46
2.50													
2	4	M	6.31	4.27	3.53	0.00	0.00	0.00	-0.17	-0.16	-0.11	6.79	6.29
4.36													
3	4	L	6.31	4.27	3.53	-1.14	-0.79	-0.64	-0.17	-0.16	-0.11	6.79	6.29
4.36													
4	4	K	4.45	3.85	2.77	-0.81	-0.70	-0.50	-0.29	-0.25	-0.18	4.03	3.46
2.50													
8	5	N	7.96	7.22	5.06	-0.90	-0.82	-0.58	0.00	0.00	0.00	9.32	6.69
5.33													
9	5	M	18.06	14.79	10.95	-2.05	-1.69	-1.25	-0.42	-0.35	-0.25	16.36	13.11
9.82													
10	5	L	18.06	14.79	10.95	-2.05	-1.69	-1.25	-0.42	-0.35	-0.25	16.36	13.11
9.82													
11	5	K	7.96	7.22	5.06	-0.90	-0.82	-0.58	-0.66	-0.49	-0.38	9.32	6.69
5.34													
12	6	N	7.57	6.88	4.82	-0.30	-0.27	-0.19	-0.66	-0.50	-0.39	9.42	6.80
5.40													
13	6	M	17.73	14.30	10.68	-0.70	-0.57	-0.43	-0.44	-0.36	-0.26	17.07	13.60
10.22													
14	6	L	17.73	14.30	10.68	-0.70	-0.57	-0.43	-0.44	-0.36	-0.26	17.07	13.60
10.22													
15	6	K	7.57	6.88	4.82	-0.30	-0.27	-0.19	-0.66	-0.50	-0.39	9.42	6.80
5.40													
16	7	N	7.57	6.88	4.82	-0.30	-0.27	-0.19	-0.66	-0.50	-0.39	9.42	6.80
5.40													
17	7	M	17.73	14.30	10.68	-0.70	-0.57	-0.43	-0.44	-0.36	-0.26	17.07	13.60
10.22													
18	7	L	17.73	14.30	10.68	-0.70	-0.57	-0.43	-0.44	-0.36	-0.26	17.07	13.60
10.22													
19	7	K	7.57	6.88	4.82	-0.30	-0.27	-0.19	-0.66	-0.50	-0.39	9.42	6.80
5.40													
20	8	N	7.96	7.22	5.06	-0.90	-0.82	-0.58	-0.66	-0.49	-0.38	9.32	6.69
5.33													
21	8	M	18.06	14.79	10.95	-2.05	-1.69	-1.25	-0.42	-0.35	-0.25	16.36	13.11
9.82													
22	8	L	18.06	14.79	10.95	-2.05	-1.69	-1.25	-0.42	-0.35	-0.25	16.36	13.11
9.82													
23	8	K	7.96	7.22	5.06	-0.90	-0.82	-0.58	0.00	0.00	0.00	9.32	6.69
5.34													
27	9	N	4.45	3.85	2.77	-0.81	-0.70	-0.50	-0.29	-0.25	-0.18	4.03	3.46
2.50													
28	9	M	6.31	4.27	3.53	0.00	0.00	0.00	-0.17	-0.16	-0.11	6.79	6.29
4.36													
29	9	L	6.31	4.27	3.53	-1.14	-0.79	-0.64	-0.17	-0.16	-0.11	6.79	6.29
4.36													
30	9	K	4.45	3.85	2.77	-0.81	-0.70	-0.50	-0.29	-0.25	-0.18	4.03	3.46
2.50													

10. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	5.12	4.46	3.19	-0.92	-0.79	-0.57	-0.33	-0.29	-0.21	4.80	4.16
2.99													
2	4	M	9.52	7.27	5.60	0.00	0.00	0.00	-0.21	-0.19	-0.13	8.57	7.68
5.42													
3	4	L	9.52	7.27	5.60	-1.70	-1.24	-0.98	-0.21	-0.19	-0.13	8.57	7.68
5.42													
4	4	K	5.12	4.46	3.19	-0.92	-0.79	-0.57	-0.33	-0.29	-0.21	4.80	4.16
2.99													
8	5	N	9.27	8.29	5.85	-1.05	-0.92	-0.66	0.00	0.00	0.00	11.17	8.72

6.63													
9	5	M	21.91	18.12	13.34	-2.46	-1.98	-1.48	-0.50	-0.40	-0.30	20.05	16.42
12.16													
10	5	L	21.91	18.12	13.34	-2.46	-1.98	-1.48	-0.50	-0.40	-0.30	20.05	16.42
12.16													
11	5	K	9.27	8.29	5.85	-1.05	-0.92	-0.66	-0.76	-0.58	-0.45	11.17	8.72
6.63													
12	6	N	8.86	7.93	5.59	-0.35	-0.31	-0.22	-0.77	-0.59	-0.45	11.27	8.80
6.69													
13	6	M	20.77	17.12	12.63	-0.81	-0.65	-0.49	-0.50	-0.40	-0.30	20.23	16.51
12.25													
14	6	L	20.77	17.12	12.63	-0.81	-0.65	-0.49	-0.50	-0.40	-0.30	20.23	16.51
12.25													
15	6	K	8.86	7.93	5.59	-0.35	-0.31	-0.22	-0.77	-0.59	-0.45	11.27	8.79
6.69													
16	7	N	8.86	7.93	5.59	-0.35	-0.31	-0.22	-0.77	-0.59	-0.45	11.27	8.80
6.69													
17	7	M	20.77	17.12	12.63	-0.81	-0.65	-0.49	-0.50	-0.40	-0.30	20.23	16.51
12.25													
18	7	L	20.77	17.12	12.63	-0.81	-0.65	-0.49	-0.50	-0.40	-0.30	20.23	16.51
12.25													
19	7	K	8.86	7.93	5.59	-0.35	-0.31	-0.22	-0.77	-0.59	-0.45	11.27	8.79
6.69													
20	8	N	9.27	8.29	5.85	-1.05	-0.92	-0.66	-0.76	-0.58	-0.45	11.17	8.72
6.63													
21	8	M	21.91	18.12	13.34	-2.46	-1.98	-1.48	-0.50	-0.40	-0.30	20.05	16.42
12.16													
22	8	L	21.91	18.12	13.34	-2.46	-1.98	-1.48	-0.50	-0.40	-0.30	20.05	16.42
12.16													
23	8	K	9.27	8.29	5.85	-1.05	-0.92	-0.66	0.00	0.00	0.00	11.17	8.72
6.63													
27	9	N	5.12	4.46	3.19	-0.92	-0.79	-0.57	-0.33	-0.29	-0.21	4.80	4.16
2.99													
28	9	M	9.52	7.27	5.60	0.00	0.00	0.00	-0.21	-0.19	-0.13	8.57	7.68
5.42													
29	9	L	9.52	7.27	5.60	-1.70	-1.24	-0.98	-0.21	-0.19	-0.13	8.57	7.68
5.42													
30	9	K	5.12	4.46	3.19	-0.92	-0.79	-0.57	-0.33	-0.29	-0.21	4.80	4.16
2.99													

9. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	6.28	5.53	3.94	-1.18	-1.03	-0.74	-0.42	-0.36	-0.26	5.87	5.10
3.66													
2	4	M	8.84	4.28	4.37	0.00	0.00	0.00	-0.28	-0.23	-0.17	10.74	9.02
6.59													
3	4	L	8.84	4.28	4.37	-1.72	-0.80	-0.84	-0.28	-0.23	-0.17	10.74	9.02
6.59													
4	4	K	6.28	5.53	3.94	-1.18	-1.03	-0.74	-0.42	-0.36	-0.26	5.87	5.09
3.65													
8	5	N	12.05	10.80	7.62	-1.42	-1.26	-0.89	0.00	0.00	0.00	12.63	9.65
7.43													
9	5	M	26.18	20.33	15.51	-3.12	-2.38	-1.83	-0.63	-0.48	-0.37	23.97	18.63
14.20													
10	5	L	26.18	20.33	15.50	-3.12	-2.38	-1.83	-0.63	-0.48	-0.37	23.97	18.63
14.20													
11	5	K	12.05	10.80	7.62	-1.42	-1.26	-0.89	-0.92	-0.69	-0.54	12.63	9.66
7.43													
12	6	N	11.48	10.25	7.24	-0.47	-0.42	-0.30	-0.92	-0.70	-0.54	12.69	9.69
7.46													
13	6	M	25.24	20.41	15.22	-1.05	-0.83	-0.63	-0.64	-0.51	-0.39	24.55	19.79
14.78													

14	6	L	25.24	20.41	15.22	-1.05	-0.83	-0.63	-0.64	-0.51	-0.39	24.55	19.79
14.78													
15	6	K	11.48	10.25	7.24	-0.47	-0.42	-0.30	-0.92	-0.70	-0.54	12.70	9.70
7.47													
16	7	N	11.48	10.25	7.24	-0.47	-0.42	-0.30	-0.92	-0.70	-0.54	12.69	9.69
7.46													
17	7	M	25.24	20.41	15.22	-1.05	-0.84	-0.63	-0.64	-0.51	-0.39	24.55	19.79
14.78													
18	7	L	25.24	20.41	15.22	-1.05	-0.84	-0.63	-0.64	-0.51	-0.39	24.55	19.79
14.78													
19	7	K	11.48	10.25	7.24	-0.47	-0.42	-0.30	-0.92	-0.70	-0.54	12.70	9.70
7.47													
20	8	N	12.05	10.80	7.62	-1.42	-1.26	-0.89	-0.92	-0.69	-0.54	12.63	9.65
7.43													
21	8	M	26.18	20.34	15.51	-3.12	-2.38	-1.83	-0.63	-0.48	-0.37	23.97	18.63
14.20													
22	8	L	26.18	20.33	15.50	-3.12	-2.38	-1.83	-0.63	-0.48	-0.37	23.97	18.63
14.20													
23	8	K	12.05	10.80	7.62	-1.42	-1.26	-0.89	0.00	0.00	0.00	12.63	9.66
7.43													
27	9	N	6.28	5.53	3.94	-1.18	-1.03	-0.74	-0.42	-0.36	-0.26	5.87	5.10
3.66													
28	9	M	8.84	4.28	4.37	0.00	0.00	0.00	-0.28	-0.23	-0.17	10.74	9.02
6.59													
29	9	L	8.84	4.28	4.37	-1.72	-0.81	-0.84	-0.28	-0.23	-0.17	10.74	9.02
6.59													
30	9	K	6.28	5.53	3.94	-1.18	-1.03	-0.74	-0.42	-0.36	-0.26	5.87	5.09
3.65													

8. KAT KOLON VE PERDE MOMENTLERi

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	6.76	6.04	4.27	-1.26	-1.12	-0.79	-0.44	-0.40	-0.28	6.29	5.63
3.97													
2	4	M	8.97	7.19	5.39	0.00	0.00	0.00	-0.28	-0.27	-0.18	10.83	10.47
7.10													
3	4	L	8.97	7.19	5.39	-1.67	-1.38	-1.02	-0.28	-0.27	-0.18	10.84	10.47
7.10													
4	4	K	6.76	6.04	4.27	-1.26	-1.13	-0.79	-0.44	-0.40	-0.28	6.29	5.63
3.98													
8	5	N	12.73	11.80	8.18	-1.49	-1.38	-0.96	0.00	0.00	0.00	14.27	11.10
8.45													
9	5	M	27.86	24.36	17.41	-3.26	-2.88	-2.04	-0.65	-0.58	-0.41	25.68	22.15
15.94													
10	5	L	27.87	24.38	17.41	-3.26	-2.88	-2.05	-0.66	-0.58	-0.41	25.70	22.15
15.95													
11	5	K	12.73	11.80	8.18	-1.49	-1.38	-0.96	-1.00	-0.80	-0.60	14.27	11.05
8.44													
12	6	N	12.10	11.24	7.78	-0.49	-0.46	-0.32	-1.01	-0.81	-0.61	14.31	11.16
8.49													
13	6	M	27.64	23.62	17.09	-1.13	-0.98	-0.70	-0.68	-0.59	-0.43	26.84	22.72
16.52													
14	6	L	27.64	23.63	17.09	-1.13	-0.98	-0.70	-0.69	-0.59	-0.43	26.85	22.73
16.53													
15	6	K	12.10	11.23	7.78	-0.49	-0.46	-0.32	-1.01	-0.81	-0.61	14.31	11.11
8.47													
16	7	N	12.10	11.24	7.78	-0.49	-0.46	-0.32	-1.01	-0.81	-0.61	14.31	11.16
8.49													
17	7	M	27.64	23.62	17.09	-1.12	-0.98	-0.70	-0.68	-0.59	-0.43	26.84	22.72
16.52													
18	7	L	27.64	23.63	17.09	-1.12	-0.97	-0.70	-0.69	-0.59	-0.43	26.85	22.73
16.53													
19	7	K	12.10	11.23	7.78	-0.49	-0.46	-0.32	-1.01	-0.81	-0.61	14.31	11.11

8.47													
20	8	N	12.73	11.80	8.18	-1.48	-1.38	-0.95	-1.00	-0.81	-0.60	14.27	11.10
8.45													
21	8	M	27.86	24.36	17.41	-3.23	-2.88	-2.04	-0.65	-0.58	-0.41	25.68	22.15
15.94													
22	8	L	27.86	24.38	17.41	-3.23	-2.88	-2.04	-0.66	-0.58	-0.41	25.70	22.15
15.95													
23	8	K	12.73	11.80	8.18	-1.48	-1.38	-0.95	0.00	0.00	0.00	14.26	11.04
8.44													
27	9	N	6.76	6.04	4.27	-1.25	-1.13	-0.79	-0.44	-0.40	-0.28	6.29	5.63
3.97													
28	9	M	8.97	7.19	5.39	0.00	0.00	0.00	-0.28	-0.27	-0.18	10.83	10.47
7.10													
29	9	L	8.97	7.19	5.39	-1.65	-1.38	-1.01	-0.28	-0.27	-0.18	10.84	10.47
7.10													
30	9	K	6.76	6.05	4.27	-1.25	-1.13	-0.79	-0.44	-0.40	-0.28	6.30	5.64
3.98													

7. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	7.36	6.91	4.76	-1.36	-1.26	-0.87	-0.48	-0.45	-0.31	7.00	6.54
4.51													
2	4	M	12.68	9.77	7.48	0.00	0.00	0.00	-0.33	-0.31	-0.21	13.08	12.34
8.48													
3	4	L	12.67	9.74	7.47	-2.30	-1.58	-1.29	-0.33	-0.31	-0.21	13.10	12.35
8.48													
4	4	K	7.35	6.89	4.75	-1.36	-1.25	-0.87	-0.48	-0.44	-0.31	7.00	6.50
4.50													
8	5	N	13.95	13.22	9.06	-1.62	-1.51	-1.04	0.00	0.00	0.00	15.45	12.81
9.42													
9	5	M	30.79	25.11	18.63	-3.54	-2.73	-2.09	-0.70	-0.57	-0.42	28.54	23.29
17.28													
10	5	L	30.77	25.04	18.60	-3.54	-2.71	-2.08	-0.71	-0.55	-0.42	28.56	23.20
17.25													
11	5	K	13.95	13.22	9.05	-1.62	-1.52	-1.05	-1.06	-0.86	-0.64	15.54	12.91
9.48													
12	6	N	13.31	12.60	8.64	-0.54	-0.50	-0.35	-1.05	-0.85	-0.63	15.48	12.79
9.43													
13	6	M	29.04	23.57	17.54	-1.17	-0.89	-0.68	-0.70	-0.57	-0.42	28.53	23.26
17.26													
14	6	L	29.03	23.53	17.52	-1.16	-0.88	-0.68	-0.71	-0.54	-0.42	28.54	23.15
17.23													
15	6	K	13.32	12.64	8.65	-0.54	-0.51	-0.35	-1.06	-0.85	-0.64	15.57	12.89
9.49													
16	7	N	13.31	12.60	8.64	-0.53	-0.50	-0.34	-1.05	-0.85	-0.63	15.48	12.79
9.43													
17	7	M	29.03	23.57	17.54	-1.15	-0.94	-0.70	-0.70	-0.57	-0.42	28.53	23.26
17.26													
18	7	L	29.02	23.54	17.52	-1.15	-0.94	-0.70	-0.71	-0.54	-0.42	28.54	23.15
17.23													
19	7	K	13.32	12.63	8.65	-0.53	-0.50	-0.34	-1.06	-0.85	-0.64	15.57	12.89
9.49													
20	8	N	13.94	13.22	9.05	-1.59	-1.50	-1.03	-1.05	-0.85	-0.63	15.45	12.81
9.42													
21	8	M	30.78	25.13	18.64	-3.49	-2.85	-2.11	-0.70	-0.57	-0.42	28.54	23.29
17.28													
22	8	L	30.76	25.06	18.61	-3.50	-2.85	-2.12	-0.71	-0.55	-0.42	28.56	23.19
17.25													
23	8	K	13.94	13.21	9.05	-1.59	-1.50	-1.03	0.00	0.00	0.00	15.55	12.93
9.49													
27	9	N	7.35	6.91	4.75	-1.34	-1.26	-0.86	-0.48	-0.45	-0.31	7.00	6.54
4.51													

28	9	M	12.67	9.79	7.49	0.00	0.00	0.00	-0.33	-0.31	-0.21	13.08	12.34
8.48													
29	9	L	12.67	9.79	7.49	-2.27	-1.75	-1.34	-0.33	-0.31	-0.21	13.10	12.35
8.48													
30	9	K	7.34	6.87	4.74	-1.34	-1.26	-0.87	-0.48	-0.44	-0.31	6.99	6.47
4.49													

6. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	7.44	7.06	4.83	-1.46	-1.35	-0.93	-0.50	-0.49	-0.33	7.00	6.81
4.60													
2	4	M	11.69	5.62	5.77	0.00	0.00	0.00	-0.35	-0.31	-0.22	13.46	12.03
8.49													
3	4	L	11.73	5.76	5.83	-2.49	-1.33	-1.27	-0.36	-0.31	-0.22	13.50	12.03
8.51													
4	4	K	7.47	7.14	4.87	-1.46	-1.37	-0.95	-0.52	-0.50	-0.34	7.10	6.97
4.69													
8	5	N	14.83	13.29	9.37	-1.82	-1.61	-1.15	0.00	0.00	0.00	15.89	10.84
8.91													
9	5	M	36.15	27.62	21.26	-4.57	-3.45	-2.67	-0.86	-0.69	-0.52	33.10	26.67
19.92													
10	5	L	36.24	27.99	21.41	-4.59	-3.55	-2.71	-0.92	-0.70	-0.54	33.33	26.86
20.06													
11	5	K	14.85	13.32	9.39	-1.81	-1.59	-1.13	-1.18	-0.67	-0.62	15.84	9.85
8.56													
12	6	N	14.18	12.81	9.00	-0.61	-0.55	-0.39	-1.18	-0.83	-0.67	16.09	11.35
9.15													
13	6	M	34.97	28.25	21.07	-1.56	-1.25	-0.94	-0.88	-0.74	-0.54	34.03	28.60
20.88													
14	6	L	35.01	28.44	21.15	-1.56	-1.27	-0.95	-0.94	-0.76	-0.57	34.28	28.88
21.05													
15	6	K	14.12	12.62	8.91	-0.60	-0.52	-0.38	-1.19	-0.71	-0.63	16.03	10.34
8.79													
16	7	N	14.18	12.81	9.00	-0.58	-0.54	-0.37	-1.18	-0.83	-0.67	16.09	11.35
9.15													
17	7	M	34.95	28.27	21.07	-1.43	-1.20	-0.88	-0.88	-0.74	-0.54	34.03	28.60
20.88													
18	7	L	34.99	28.44	21.14	-1.43	-1.19	-0.87	-0.94	-0.76	-0.57	34.28	28.87
21.05													
19	7	K	14.12	12.62	8.91	-0.58	-0.55	-0.38	-1.19	-0.71	-0.63	16.03	10.34
8.79													
20	8	N	14.82	13.29	9.37	-1.74	-1.63	-1.12	-1.16	-0.80	-0.65	15.89	10.84
8.91													
21	8	M	36.09	27.64	21.24	-4.22	-3.45	-2.56	-0.86	-0.69	-0.52	33.10	26.67
19.92													
22	8	L	36.19	28.01	21.40	-4.22	-3.41	-2.54	-0.92	-0.70	-0.54	33.33	26.88
20.07													
23	8	K	14.84	13.33	9.39	-1.75	-1.65	-1.13	0.00	0.00	0.00	15.83	9.78
8.53													
27	9	N	7.43	7.06	4.83	-1.38	-1.34	-0.91	-0.50	-0.49	-0.33	7.00	6.81
4.60													
28	9	M	11.65	5.64	5.76	0.00	0.00	0.00	-0.35	-0.31	-0.22	13.46	12.03
8.49													
29	9	L	11.67	5.69	5.79	-2.19	-1.27	-1.15	-0.36	-0.31	-0.22	13.50	12.03
8.51													
30	9	K	7.51	7.28	4.93	-1.37	-1.31	-0.89	-0.52	-0.52	-0.35	7.16	7.13
4.76													

5. KAT KOLON VE PERDE MOMENTLERİ

NO.	MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)

TYY													
1	4	N	8.37	7.34	5.24	-1.62	-1.31	-0.97	-0.52	-0.46	-0.33	7.48	6.15
4.54													
2	4	M	11.14	6.77	5.97	0.00	0.00	0.00	-0.33	-0.34	-0.22	13.52	12.64
8.72													
3	4	L	10.96	6.16	5.71	-1.85	0.49	-0.46	-0.37	-0.33	-0.23	13.63	12.62
8.75													
4	4	K	8.23	6.92	5.05	-1.57	-1.16	-0.91	-0.53	-0.38	-0.30	7.40	5.42
4.27													
8	5	N	18.05	19.65	12.57	-2.16	-2.16	-1.44	0.00	0.00	0.00	20.45	22.40
14.28													
9	5	M	36.19	25.79	20.66	-4.22	-1.73	-1.98	-0.77	-0.70	-0.49	31.24	20.08
17.11													
10	5	L	35.73	24.23	19.99	-4.11	-1.31	-1.81	-0.83	-0.30	-0.38	31.21	18.17
16.46													
11	5	K	17.96	19.41	12.46	-2.20	-2.28	-1.49	-1.63	-1.92	-1.18	21.94	25.19
15.71													
12	6	N	16.78	17.61	11.46	-0.69	-0.63	-0.44	-1.40	-1.65	-1.02	20.36	21.41
13.92													
13	6	M	35.33	22.88	19.40	-1.42	-0.36	-0.60	-0.81	-0.71	-0.51	32.70	20.06
17.59													
14	6	L	35.18	22.24	19.14	-1.41	-0.28	-0.56	-0.86	-0.26	-0.37	32.57	17.81
16.79													
15	6	K	17.12	18.62	11.91	-0.74	-0.78	-0.51	-1.63	-1.86	-1.16	21.96	24.45
15.47													
16	7	N	16.76	17.62	11.46	-0.63	-0.69	-0.44	-1.40	-1.65	-1.02	20.36	21.41
13.92													
17	7	M	35.28	22.97	19.42	-1.33	-1.27	-0.87	-0.81	-0.71	-0.51	32.70	20.06
17.59													
18	7	L	35.15	22.41	19.19	-1.33	-1.30	-0.88	-0.86	-0.26	-0.37	32.57	17.82
16.79													
19	7	K	17.10	18.60	11.90	-0.61	-0.64	-0.42	-1.63	-1.86	-1.16	21.96	24.44
15.47													
20	8	N	18.00	19.63	12.55	-1.87	-2.03	-1.30	-1.40	-1.71	-1.04	20.45	22.40
14.28													
21	8	M	36.09	26.12	20.73	-3.76	-3.72	-2.49	-0.77	-0.70	-0.49	31.24	20.08
17.11													
22	8	L	35.63	24.56	20.06	-3.79	-3.84	-2.54	-0.83	-0.30	-0.38	31.20	18.13
16.44													
23	8	K	17.90	19.36	12.42	-1.82	-1.89	-1.24	0.00	0.00	0.00	21.97	25.39
15.79													
27	9	N	8.34	7.35	5.23	-1.43	-1.37	-0.93	-0.52	-0.46	-0.33	7.48	6.15
4.54													
28	9	M	11.09	7.14	6.08	0.00	0.00	0.00	-0.33	-0.34	-0.22	13.52	12.64
8.72													
29	9	L	10.96	6.81	5.92	-1.76	-2.15	-1.30	-0.37	-0.33	-0.23	13.63	12.63
8.75													
30	9	K	7.97	6.24	4.74	-1.48	-1.53	-1.00	-0.51	-0.30	-0.27	7.14	4.62
3.92													

4. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	9.77	8.93	6.23	-2.24	-2.09	-1.44	-0.59	-0.71	-0.44	9.51	10.84
6.78													
2	4	M	18.87	10.26	9.71	0.00	0.00	0.00	-0.39	-0.44	-0.28	18.68	19.38
12.68													
3	4	L	19.71	12.97	10.89	-5.96	-6.59	-4.18	-0.57	-0.54	-0.37	19.23	19.66
12.96													
4	4	K	10.49	11.08	7.19	-2.50	-2.83	-1.78	-0.81	-1.05	-0.62	10.98	13.99
8.32													
8	5	N	10.67	-7.33	1.11	-1.92	-0.15	-0.69	0.00	0.00	0.00	8.80	-26.25

														-5.82
9	5	M	47.00	35.34	27.45	-7.93	-7.66	-5.20	-0.90	-1.16	-0.69	48.70	52.24	33.65
10	5	L	48.98	41.96	30.31	-8.38	-9.28	-5.89	-1.68	-1.78	-1.15	52.04	57.14	36.39
11	5	K	11.21	-5.85	1.79	-1.72	0.46	-0.42	-0.33	3.61	1.09	6.23	-42.40	-12.06
12	6	N	12.32	-0.89	3.81	-0.84	-0.56	-0.47	-0.42	1.53	0.37	9.60	-22.75	-4.38
13	6	M	47.70	43.60	30.43	-3.01	-3.49	-2.16	-0.91	-1.21	-0.71	50.13	56.58	35.57
14	6	L	48.08	45.49	31.19	-3.04	-3.71	-2.25	-1.78	-2.08	-1.29	54.00	63.11	39.04
15	6	K	10.55	-6.12	1.47	-0.58	0.21	-0.12	-0.34	3.47	1.05	6.32	-40.73	-11.47
16	7	N	12.25	-0.97	3.76	-0.40	-0.12	-0.17	-0.42	1.53	0.37	9.60	-22.75	-4.38
17	7	M	47.48	43.58	30.35	-1.25	-1.69	-0.98	-0.91	-1.21	-0.71	50.13	56.58	35.57
18	7	L	47.77	45.14	30.97	-1.24	-1.63	-0.95	-1.78	-2.08	-1.29	54.00	63.11	39.03
19	7	K	10.52	-6.05	1.49	-0.49	-0.40	-0.30	-0.34	3.47	1.05	6.31	-40.72	-11.47
20	8	N	10.54	-7.32	1.07	-1.25	-0.57	-0.61	-0.38	1.73	0.45	8.80	-26.25	-5.82
21	8	M	46.29	34.88	27.06	-3.80	-5.48	-3.09	-0.90	-1.16	-0.69	48.70	52.24	33.65
22	8	L	48.29	41.53	29.94	-3.71	-5.08	-2.93	-1.69	-1.79	-1.16	52.10	57.33	36.48
23	8	K	11.13	-5.70	1.81	-1.48	-1.27	-0.92	0.00	0.00	0.00	6.24	-42.76	-12.17
27	9	N	9.62	8.85	6.16	-1.42	-1.79	-1.07	-0.59	-0.71	-0.44	9.51	10.84	6.78
28	9	M	18.29	9.83	9.37	0.00	0.00	0.00	-0.39	-0.44	-0.28	18.68	19.38	12.68
29	9	L	19.03	11.87	10.30	-1.96	-2.88	-1.61	-0.57	-0.53	-0.37	19.22	19.66	12.96
30	9	K	11.48	14.40	8.62	-1.16	-1.00	-0.72	-0.94	-1.45	-0.80	12.28	17.92	10.07

3. KAT KOLON VE PERDE MOMENTLERi

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)	TYY
1	4	N	10.10	9.52	3.27	-1.67	-0.45	-0.35	-0.41	-0.58	-0.17	6.86	8.80	2.61
2	4	M	18.63	7.41	4.34	0.00	0.00	0.00	-0.18	-0.30	-0.08	10.59	11.81	3.73
3	4	L	14.84	-3.63	1.87	1.47	17.24	3.12	-0.39	-0.16	-0.09	11.03	10.58	3.60
4	4	K	6.39	-0.52	0.98	-0.37	3.05	0.45	-0.26	0.51	0.04	3.85	-3.44	0.07
8	5	N	65.32	37.77	34.36	-6.55	3.87	-0.89	0.00	0.00	0.00	73.91	33.69	35.87
9	5	M	57.14	43.60	16.79	-3.32	9.04	0.95	-0.24	-1.21	-0.24	13.67	17.69	5.23
10	5	L	48.56	17.84	11.07	-1.61	14.57	2.16	-0.14	2.62	0.41	9.32	-8.48	0.14
11	5	K	62.20	27.96	30.05	-7.53	0.40	-2.38	-7.67	-1.68	-3.12	96.17	43.48	46.55
12	6	N	50.61	-4.20	15.47	-1.25	4.88	1.21	-4.78	-3.98	-2.92	73.06	22.65	31.90
13	6	M	39.01	-5.34	5.61	0.23	7.47	1.28	-0.21	-1.09	-0.22	9.34	3.49	2.14

14	6	L	38.80	-8.36	5.07	0.18	7.68	1.31	0.23	3.74	0.66	2.65	-29.44
-4.47													
15	6	K	59.90	27.23	29.04	-2.64	0.22	-0.81	-7.92	-1.80	-3.24	99.33	44.88
48.07													
16	7	N	50.59	-3.17	15.81	-1.33	-3.17	-1.50	-4.78	-3.98	-2.92	73.06	22.65
31.90													
17	7	M	38.79	-4.84	5.66	-0.78	-4.80	-0.93	-0.21	-1.09	-0.22	9.34	3.49
2.14													
18	7	L	38.91	-6.76	5.36	-0.74	-4.82	-0.93	0.23	3.74	0.66	2.64	-29.45
-4.47													
19	7	K	59.64	27.43	29.02	-0.83	-1.48	-0.77	-7.93	-1.80	-3.24	99.35	44.89
48.08													
20	8	N	64.91	39.13	34.68	-3.48	-8.66	-4.05	-4.79	-4.53	-3.11	73.91	33.69
35.87													
21	8	M	56.98	46.06	17.17	-1.56	-13.19	-2.46	-0.24	-1.21	-0.24	13.67	17.69
5.23													
22	8	L	48.30	20.09	11.40	-1.76	-14.12	-2.65	-0.13	2.66	0.42	9.08	-9.20
-0.02													
23	8	K	61.54	28.47	30.00	-2.26	-4.52	-2.26	0.00	0.00	0.00	95.32	42.87
46.06													
27	9	N	9.97	9.65	3.27	-0.48	-1.77	-0.38	-0.41	-0.58	-0.17	6.86	8.80
2.61													
28	9	M	18.79	10.22	4.83	0.00	0.00	0.00	-0.18	-0.30	-0.08	10.59	11.81
3.73													
29	9	L	14.64	-0.57	2.35	-1.04	-13.61	-2.44	-0.39	-0.16	-0.09	11.04	10.60
3.61													
30	9	K	0.64	-15.79	-2.52	-1.81	-5.40	-1.20	0.39	2.30	0.45	-2.67	-21.27
-3.99													

2. KAT KOLON VE PERDE MOMENTLERİ

NO.			MXX(ÜST)	MXX(ALT)	TXX	MXY(ÜST)	MXY(ALT)	TXY	MYX(ÜST)	MYX(ALT)	TYX	MYY(ÜST)	MYY(ALT)
TYY													
1	4	N	11.99	13.87	4.31	-7.07	-7.65	-2.45	-0.29	-0.24	-0.09	8.49	8.06
2.76													
2	4	M	27.08	50.94	13.00	0.00	0.00	0.00	0.06	0.08	0.02	15.13	16.08
5.20													
3	4	L	14.33	43.72	9.67	-21.05	-31.58	-8.77	-1.46	-1.58	-0.51	20.17	21.99
7.03													
4	4	K	0.52	7.29	1.30	-3.05	-5.34	-1.40	-0.51	-1.15	-0.28	3.44	10.28
2.29													
8	5	N	49.43	82.86	44.10	-22.81	-27.61	-16.81	0.00	0.00	0.00	26.34	102.85
43.06													
9	5	M	70.38	102.01	28.73	-34.34	-41.53	-12.64	0.72	0.91	0.27	41.79	54.90
16.12													
10	5	L	39.33	82.83	20.36	-27.40	-37.01	-10.74	-4.90	-6.69	-1.93	51.06	79.00
21.68													
11	5	K	-27.96	2.19	-4.30	-0.40	-4.92	-0.89	1.68	-3.93	-0.38	-43.48	24.61
-3.14													
12	6	N	4.20	64.35	22.85	-4.88	-8.85	-4.58	2.23	-2.42	-0.06	11.78	94.95
35.58													
13	6	M	15.94	76.97	15.48	-8.36	-13.48	-3.64	0.84	0.96	0.30	27.09	49.55
12.77													
14	6	L	8.36	67.63	12.66	-7.68	-12.58	-3.38	-3.74	-6.27	-1.67	29.44	71.03
16.75													
15	6	K	-27.23	1.78	-4.24	-0.22	-1.81	-0.34	1.80	-3.70	-0.32	-44.88	21.98
-3.82													
16	7	N	3.17	62.79	21.98	3.17	3.18	2.12	2.23	-2.42	-0.06	11.78	94.95
35.58													
17	7	M	13.15	74.06	14.53	4.91	6.37	1.88	0.84	0.96	0.30	27.09	49.55
12.77													
18	7	L	6.76	65.26	12.00	4.82	6.24	1.84	-3.74	-6.27	-1.67	29.45	71.02
16.75													
19	7	K	-27.43	1.39	-4.34	1.48	1.30	0.46	1.80	-3.69	-0.32	-44.89	21.95

28	9	N	-14.29	65.62	17.11	0.00	0.00	0.00	-0.38	-0.57	-0.32	6.85	21.17
9.34													
29	9	L	-15.20	65.16	16.65	-17.80	-15.52	-11.11	0.27	-0.55	-0.09	4.37	20.96
8.44													
30	9	K	-24.19	0.01	-8.06	-7.06	-4.63	-3.89	2.28	0.22	0.83	-20.56	1.25
-6.44													

9TsOPs16.66Hs10Vk3G18D
BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi ELVERiŞSiZ YATAY YÜK KESiT TESiRLERi

4 AKSI ELVERiŞSiZ KiRiŞ MOMENTLERi

KAT NO	I	J	ADI	MI	MJ	T
13	4+N	4+M	K1301	2.96	3.60	0.97
	4+L	4+K	K1302	3.60	2.96	0.97
12	4+N	4+M	K1201	5.56	6.07	1.72
	4+L	4+K	K1202	6.07	5.56	1.72
11	4+N	4+M	K1101	7.53	8.39	2.35
	4+L	4+K	K1102	8.39	7.53	2.35
10	4+N	4+M	K1001	9.12	9.93	2.81
	4+M	4+L	K1002	4.09	4.09	1.17
	4+L	4+K	K1001	9.93	9.12	2.81
9	4+N	4+M	K901	10.92	11.67	3.35
	4+M	4+L	K902	4.71	4.71	1.35
	4+L	4+K	K901	11.67	10.92	3.35
8	4+N	4+M	K801	12.50	13.47	3.85
	4+L	4+K	K801A	13.48	12.50	3.85
7	4+N	4+M	K701	13.63	14.43	4.16
	4+M	4+L	K702	5.78	5.78	1.65
	4+L	4+K	K701	14.43	13.62	4.16
6	4+N	4+M	K601	14.61	15.57	4.47
	4+M	4+L	K602	6.27	6.27	1.79
	4+L	4+K	K601	15.58	14.62	4.47
5	4+N	4+M	K501	15.71	17.07	4.86
	4+L	4+K	K501A	17.02	15.65	4.84
4	4+N	4+M	K401	17.47	18.66	5.35
	4+M	4+L	K402	7.54	7.56	2.16
	4+L	4+K	K401	18.88	17.79	5.43
3	4+N	4+M	K301	19.41	20.96	6.00
	4+M	4+L	K302	8.45	8.38	2.40
	4+L	4+K	K301	19.90	17.76	5.60
2	4+N	4+M	K201	22.78	25.56	7.19
	4+M	4+L	K202	11.03	11.36	3.20
1	4+N	4+M	K101	16.15	17.10	4.94
	4+M	4+L	K102	17.41	17.49	4.99
	4+L	4+K	K101	6.98	6.77	2.04

5 AKSI ELVERiŞSiZ KiRiŞ MOMENTLERi

KAT NO	I	J	ADI	MI	MJ	T
13	5+N	5+M	K1303	5.00	5.79	1.59
	5+M	5+L	K1304	5.68	5.31	1.57
	5+L	5+K	K1303	6.15	5.00	1.65
12	5+N	5+M	K1203	10.08	10.96	3.11
	5+M	5+L	K1204	10.23	9.82	2.86
	5+L	5+K	K1203	11.38	10.08	3.17
11	5+N	5+M	K1103	13.59	14.88	4.20
	5+M	5+L	K1104	13.96	13.36	3.90
	5+L	5+K	K1103	15.48	13.59	4.29
10	5+N	5+M	K1003	16.60	18.05	5.11
	5+M	5+L	K1004	18.88	18.16	5.29
	5+L	5+K	K1003	18.77	16.60	5.22
9	5+N	5+M	K903	20.47	21.97	6.29
	5+M	5+L	K904	22.62	21.89	6.36
	5+L	5+K	K903	22.70	20.47	6.40
8	5+N	5+M	K803	23.69	25.33	7.26
	5+M	5+L	K804	23.19	22.43	6.52
	5+L	5+K	K803	26.09	23.69	7.38
7	5+N	5+M	K703	25.92	27.49	7.91
	5+M	5+L	K704	28.03	27.25	7.90
	5+L	5+K	K703	28.26	25.92	8.03
6	5+N	5+M	K603	28.25	30.37	8.68
	5+M	5+L	K604	31.33	30.30	8.80
	5+L	5+K	K603	31.42	28.26	8.84
5	5+N	5+M	K503	31.57	33.62	9.66
	5+M	5+L	K504	30.65	29.67	8.62
	5+L	5+K	K503	34.51	31.51	9.78
4	5+N	5+M	K403	30.59	35.11	9.73
	5+M	5+L	K404	38.32	36.25	10.65
	5+L	5+K	K403	37.60	30.88	10.14
3	5+N	5+M	K303	58.37	51.23	16.30
	5+M	5+L	K304	41.91	44.67	12.37
	5+L	5+K	K303	46.50	56.79	15.36
2	5+N	5+M	K203	89.24	70.45	23.75
	5+M	5+L	K204	46.31	47.30	13.34
1	5+N	5+M	K103	50.97	43.37	14.03
	5+M	5+L	K104	34.78	34.25	9.86
	5+L	5+K	K103	14.06	11.66	3.82

6 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	6+N	6+M	K1305	4.71	5.74	1.54
	6+M	6+L	K1306	5.55	5.89	1.63
	6+L	6+K	K1305	5.40	4.71	1.49
12	6+N	6+M	K1205	9.51	10.69	2.98

	6+N	6+L	K1206	10.35	10.74	3.01
	6+L	6+K	K1205	10.30	9.51	2.92
11	6+N	6+M	K1105	12.83	14.50	4.03
	6+M	6+L	K1106	14.03	14.58	4.09
	6+L	6+K	K1105	13.95	12.83	3.95
10	6+N	6+M	K1005	15.75	17.83	4.96
	6+M	6+L	K1006	17.26	17.95	5.03
	6+L	6+K	K1005	17.15	15.75	4.86
9	6+N	6+M	K905	19.42	21.58	6.07
	6+M	6+L	K906	20.81	21.53	6.05
	6+L	6+K	K905	20.87	19.42	5.97
8	6+N	6+M	K805	22.37	24.48	6.94
	6+M	6+L	K806	23.61	24.30	6.84
	6+L	6+K	K805	23.79	22.37	6.84
7	6+N	6+M	K705	24.57	26.83	7.61
	6+M	6+L	K706	25.87	26.61	7.50
	6+L	6+K	K705	26.08	24.57	7.50
6	6+N	6+M	K605	26.81	29.83	8.39
	6+M	6+L	K606	28.76	29.76	8.36
	6+L	6+K	K605	28.82	26.78	8.24
5	6+N	6+M	K505	29.62	32.40	9.19
	6+M	6+L	K506	31.24	32.14	9.05
	6+L	6+K	K505	31.54	29.76	9.08
4	6+N	6+M	K405	29.97	35.97	9.77
	6+M	6+L	K406	34.69	36.73	10.20
	6+L	6+K	K405	33.67	29.20	9.31
3	6+N	6+M	K305	49.75	42.16	13.67
	6+M	6+L	K306	40.51	37.83	11.19
	6+L	6+K	K305	46.53	53.83	14.92
1	6+N	6+M	K105	41.98	34.52	11.38
	6+M	6+L	K106	33.17	31.50	9.24
	6+L	6+K	K105	11.92	10.67	3.36

7 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	7+N	7+M	K1317	4.71	5.74	1.54
	7+M	7+L	K1306	5.55	5.89	1.63
	7+L	7+K	K1305	5.40	4.71	1.49
12	7+N	7+M	K1217	9.51	10.69	2.98
	7+M	7+L	K1206	10.35	10.74	3.01
	7+L	7+K	K1205	10.30	9.51	2.92
11	7+N	7+M	K1117	12.83	14.50	4.03
	7+M	7+L	K1106	14.03	14.58	4.09
	7+L	7+K	K1105	13.95	12.83	3.95
10	7+N	7+M	K1017	15.75	17.83	4.96
	7+M	7+L	K1006	17.26	17.95	5.03
	7+L	7+K	K1005	17.15	15.75	4.86

9	7+N	7+M	K917	19.42	21.58	6.07
	7+M	7+L	K906	20.81	21.53	6.05
	7+L	7+K	K905	20.87	19.42	5.97
8	7+N	7+M	K817	22.37	24.48	6.94
	7+M	7+L	K806	23.61	24.30	6.84
	7+L	7+K	K805	23.79	22.37	6.84
7	7+N	7+M	K717	24.56	26.83	7.61
	7+M	7+L	K706	25.87	26.61	7.50
	7+L	7+K	K705	26.08	24.57	7.50
6	7+N	7+M	K617	26.80	29.82	8.39
	7+M	7+L	K606	28.76	29.76	8.36
	7+L	7+K	K605	28.82	26.77	8.24
5	7+N	7+M	K517	29.60	32.38	9.18
	7+M	7+L	K506	31.22	32.12	9.05
	7+L	7+K	K505	31.52	29.74	9.08
4	7+N	7+M	K417	29.89	35.89	9.74
	7+M	7+L	K406	34.60	36.63	10.18
	7+L	7+K	K405	33.59	29.14	9.29
3	7+N	7+M	K317	49.64	42.03	13.63
	7+M	7+L	K306	40.38	37.72	11.16
	7+L	7+K	K305	46.37	53.60	14.87
1	7+N	7+M	K117	41.06	33.88	11.14
	7+M	7+L	K106	32.55	30.97	9.07
	7+L	7+K	K105	11.71	10.47	3.30

8 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	8+N	8+M	K1318	5.00	5.79	1.59
	8+M	8+L	K1304	5.68	5.31	1.57
	8+L	8+K	K1303	6.15	5.00	1.65
12	8+N	8+M	K1218	10.08	10.96	3.11
	8+M	8+L	K1204	10.23	9.82	2.86
	8+L	8+K	K1203	11.38	10.08	3.17
11	8+N	8+M	K1118	13.59	14.88	4.20
	8+M	8+L	K1104	13.96	13.36	3.90
	8+L	8+K	K1103	15.48	13.59	4.29
10	8+N	8+M	K1018	16.60	18.05	5.11
	8+M	8+L	K1004	18.88	18.16	5.29
	8+L	8+K	K1003	18.77	16.60	5.22
9	8+N	8+M	K918	20.47	21.97	6.29
	8+M	8+L	K904	22.62	21.89	6.36
	8+L	8+K	K903	22.70	20.47	6.40
8	8+N	8+M	K818	23.69	25.33	7.26
	8+M	8+L	K804	23.19	22.43	6.52
	8+L	8+K	K803	26.09	23.69	7.37
7	8+N	8+M	K718	25.91	27.49	7.91
	8+M	8+L	K704	28.02	27.25	7.90
	8+L	8+K	K703	28.26	25.91	8.02

6	8+N	8+M	K618	28.22	30.34	8.68
	8+M	8+L	K604	31.29	30.27	8.79
	8+L	8+K	K603	31.39	28.24	8.83
5	8+N	8+M	K518	31.49	33.54	9.63
	8+M	8+L	K504	30.59	29.61	8.60
	8+L	8+K	K503	34.43	31.43	9.76
4	8+N	8+M	K418	30.35	34.82	9.65
	8+M	8+L	K404	37.99	35.95	10.56
	8+L	8+K	K403	37.28	30.68	10.07
3	8+N	8+M	K318	57.74	50.67	16.12
	8+M	8+L	K304	41.45	44.14	12.23
	8+L	8+K	K303	45.95	55.95	15.15
2	8+N	8+M	K218	84.70	66.79	22.53
	8+M	8+L	K204	43.89	46.54	12.90
1	8+N	8+M	K118	47.45	40.65	13.10
	8+M	8+L	K104	32.90	32.34	9.32
	8+L	8+K	K103	13.27	10.93	3.60

9 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	9+N	9+M	K1307	2.96	3.60	0.97
	9+L	9+K	K1308	3.60	2.96	0.97
12	9+N	9+M	K1207	5.56	6.07	1.72
	9+L	9+K	K1208	6.07	5.56	1.72
11	9+N	9+M	K1107	7.53	8.39	2.35
	9+L	9+K	K1108	8.39	7.53	2.35
10	9+N	9+M	K1007	9.12	9.93	2.81
	9+M	9+L	K1008	4.09	4.09	1.17
	9+L	9+K	K1007	9.93	9.12	2.81
9	9+N	9+M	K907	10.92	11.67	3.35
	9+M	9+L	K908	4.71	4.71	1.35
	9+L	9+K	K907	11.67	10.92	3.35
8	9+N	9+M	K807	12.50	13.47	3.85
	9+L	9+K	K807A	13.47	12.50	3.85
7	9+N	9+M	K707	13.62	14.42	4.15
	9+M	9+L	K708	5.77	5.77	1.65
	9+L	9+K	K707	14.42	13.61	4.15
6	9+N	9+M	K607	14.58	15.54	4.46
	9+M	9+L	K608	6.26	6.26	1.79
	9+L	9+K	K607	15.56	14.61	4.47
5	9+N	9+M	K507	15.64	17.00	4.84
	9+L	9+K	K507A	16.92	15.50	4.80
4	9+N	9+M	K407	17.20	18.36	5.27
	9+M	9+L	K408	7.41	7.41	2.12
	9+L	9+K	K407	18.75	17.92	5.43

3	9+N	9+M	K307	18.95	20.53	5.87
	9+M	9+L	K308	8.31	8.27	2.37
	9+L	9+K	K307	18.53	15.29	5.03
2	9+N	9+M	K207	20.55	23.02	6.48
	9+M	9+L	K208	9.92	10.22	2.88
1	9+N	9+M	K107	14.51	15.37	4.44
	9+M	9+L	K108	15.62	15.65	4.47
	9+L	9+K	K107	8.16	9.91	2.69

N AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	9+N	8+N	K1309	2.50	2.79	0.78
	8+N	7+N	K1310	2.96	2.95	0.84
	7+N	6+N	K1311	2.93	2.93	0.84
	6+N	5+N	K1310	2.95	2.96	0.84
	5+N	4+N	K1309	2.79	2.50	0.78
12	9+N	8+N	K1209	4.83	5.12	1.47
	8+N	7+N	K1210	5.23	5.23	1.49
	7+N	6+N	K1211	5.23	5.23	1.49
	6+N	5+N	K1210	5.23	5.23	1.49
	5+N	4+N	K1209	5.12	4.83	1.47
11	9+N	8+N	K1109	6.63	7.06	2.02
	8+N	7+N	K1110	7.24	7.23	2.07
	7+N	6+N	K1111	7.22	7.22	2.06
	6+N	5+N	K1110	7.23	7.24	2.07
	5+N	4+N	K1109	7.06	6.63	2.02
10	9+N	8+N	K1009	8.28	8.83	2.53
	8+N	7+N	K1010	9.07	9.06	2.59
	7+N	6+N	K1011	9.05	9.05	2.59
	6+N	5+N	K1010	9.06	9.07	2.59
	5+N	4+N	K1009	8.83	8.28	2.53
9	9+N	8+N	K909	10.06	10.62	3.06
	8+N	7+N	K910	10.78	10.77	3.08
	7+N	6+N	K911	10.77	10.77	3.08
	6+N	5+N	K910	10.77	10.78	3.08
	5+N	4+N	K909	10.62	10.06	3.06
8	9+N	8+N	K809	11.41	11.94	3.46
	8+N	7+N	K810	12.03	12.03	3.44
	7+N	6+N	K811	12.03	12.03	3.44
	6+N	5+N	K810	12.03	12.03	3.44
	5+N	4+N	K809	11.94	11.41	3.46
7	9+N	8+N	K709	12.66	13.26	3.84
	8+N	7+N	K710	13.36	13.35	3.82
	7+N	6+N	K711	13.35	13.35	3.81
	6+N	5+N	K710	13.35	13.36	3.82
	5+N	4+N	K709	13.26	12.66	3.84
6	9+N	8+N	K609	13.58	14.29	4.13
	8+N	7+N	K610	14.48	14.48	4.14
	7+N	6+N	K611	14.48	14.48	4.14
	6+N	5+N	K610	14.48	14.48	4.14
	5+N	4+N	K609	14.29	13.58	4.13

5	9+N	8+N	K509	14.32	15.44	4.41
	8+N	7+N	K510	15.93	15.91	4.55
	7+N	6+N	K511	15.88	15.88	4.54
	6+N	5+N	K510	15.91	15.93	4.55
	5+N	4+N	K509	15.44	14.32	4.41
4	9+N	8+N	K409	15.69	15.82	4.67
	8+N	7+N	K410	15.45	15.51	4.42
	7+N	6+N	K411	15.57	15.57	4.45
	6+N	5+N	K410	15.51	15.45	4.42
	5+N	4+N	K409	15.82	15.69	4.67
3	9+N	8+N	K309	17.74	22.25	5.95
	8+N	7+N	K310	25.51	25.31	7.26
	7+N	6+N	K311	25.10	25.10	7.17
	6+N	5+N	K310	25.31	25.51	7.26
	5+N	4+N	K309	22.25	17.74	5.95
2	9+N	8+N	K209	17.31	26.11	6.46
	8+N	7+N	K210	34.00	34.47	9.78
	6+N	5+N	K210	34.47	34.00	9.78
	5+N	4+N	K209	26.11	17.31	6.46
1	9+N	8+N	K109	12.82	16.09	4.30
	8+N	7+N	K110	18.63	18.66	5.33
	7+N	6+N	K111	7.35	7.35	2.10
	6+N	5+N	K110	18.66	18.63	5.33
	5+N	4+N	K109	16.09	12.82	4.30

M AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	9+M	8+M	K1312	4.01	4.52	1.26
	8+M	7+M	K1313	5.37	5.26	1.52
	7+M	6+M	K1314	5.26	5.26	1.50
	6+M	5+M	K1313	5.26	5.37	1.52
	5+M	4+M	K1312	4.52	4.01	1.26
12	9+M	8+M	K1212	8.04	8.60	2.46
	8+M	7+M	K1213	9.90	9.83	2.82
	7+M	6+M	K1214	9.83	9.83	2.81
	6+M	5+M	K1213	9.83	9.90	2.82
	5+M	4+M	K1212	8.60	8.04	2.46
11	9+M	8+M	K1112	11.15	11.93	3.41
	8+M	7+M	K1113	13.71	13.56	3.89
	7+M	6+M	K1114	13.56	13.56	3.87
	6+M	5+M	K1113	13.56	13.71	3.89
	5+M	4+M	K1112	11.93	11.15	3.41
10	9+M	8+M	K1012	14.87	16.21	4.59
	8+M	7+M	K1013	16.96	16.92	4.84
	7+M	6+M	K1014	16.92	16.92	4.83
	6+M	5+M	K1013	16.92	16.96	4.84
	5+M	4+M	K1012	16.21	14.87	4.59
9	9+M	8+M	K912	18.42	19.86	5.67
	8+M	7+M	K913	20.54	20.54	5.87
	7+M	6+M	K914	20.54	20.54	5.87
	6+M	5+M	K913	20.54	20.54	5.87
	5+M	4+M	K912	19.86	18.42	5.67

8	9+M	8+M	K812	19.86	20.84	6.03
	8+M	7+M	K813	23.49	23.32	6.69
	7+M	6+M	K814	23.32	23.32	6.66
	6+M	5+M	K813	23.32	23.49	6.69
	5+M	4+M	K812	20.84	19.86	6.03
7	9+M	8+M	K712	23.56	25.07	7.21
	8+M	7+M	K713	25.63	25.63	7.32
	7+M	6+M	K714	25.63	25.63	7.32
	6+M	5+M	K713	25.63	25.63	7.32
	5+M	4+M	K712	25.07	23.56	7.21
6	9+M	8+M	K612	25.81	27.76	7.94
	8+M	7+M	K613	28.65	28.66	8.19
	7+M	6+M	K614	28.66	28.66	8.19
	6+M	5+M	K613	28.66	28.65	8.19
	5+M	4+M	K612	27.76	25.81	7.94
5	9+M	8+M	K512	25.56	27.09	7.80
	8+M	7+M	K513	30.84	30.66	8.79
	7+M	6+M	K514	30.66	30.66	8.76
	6+M	5+M	K513	30.66	30.84	8.79
	5+M	4+M	K512	27.09	25.56	7.80
4	9+M	8+M	K412	31.32	33.79	9.65
	8+M	7+M	K413	35.01	35.10	10.02
	7+M	6+M	K414	35.10	35.10	10.03
	6+M	5+M	K413	35.10	35.01	10.02
	5+M	4+M	K412	33.79	31.32	9.65
3	9+M	8+M	K312	29.98	32.52	9.29
	8+M	7+M	K313	33.40	32.96	9.48
	7+M	6+M	K314	32.96	32.96	9.42
	6+M	5+M	K313	32.96	33.40	9.48
	5+M	4+M	K312	32.52	29.98	9.29
2	9+M	8+M	K212	26.94	30.02	8.47
	8+M	7+M	K213	29.47	31.66	8.66
	6+M	5+M	K213	31.44	29.47	8.57
	5+M	4+M	K212	30.02	26.94	8.47
1	9+M	8+M	K112	22.94	24.81	7.10
	8+M	7+M	K113	25.42	25.11	7.22
	7+M	6+M	K114	25.11	25.11	7.17
	6+M	5+M	K113	25.11	25.42	7.22
	5+M	4+M	K112	24.81	22.94	7.10

L AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	9+L	8+L	K1316	4.01	4.74	1.29
	8+L	7+L	K1313	5.15	5.30	1.49
	7+L	6+L	K1314	5.22	5.22	1.49
	6+L	5+L	K1313	5.30	5.15	1.49
	5+L	4+L	K1312	4.74	4.01	1.29
12	9+L	8+L	K1216	8.04	8.87	2.50
	8+L	7+L	K1213	9.63	9.85	2.78
	7+L	6+L	K1214	9.80	9.80	2.80
	6+L	5+L	K1213	9.85	9.63	2.78
	5+L	4+L	K1212	8.87	8.04	2.50

11	9+L	8+L	K1116	11.15	12.29	3.46
	8+L	7+L	K1113	13.34	13.61	3.85
	7+L	6+L	K1114	13.51	13.51	3.86
	6+L	5+L	K1113	13.61	13.34	3.85
	5+L	4+L	K1112	12.29	11.15	3.46
10	9+L	8+L	K1016	14.87	16.86	4.68
	8+L	7+L	K1013	16.31	16.93	4.75
	7+L	6+L	K1014	16.90	16.90	4.83
	6+L	5+L	K1013	16.93	16.31	4.75
	5+L	4+L	K1012	16.86	14.87	4.68
9	9+L	8+L	K916	18.43	20.57	5.78
	8+L	7+L	K913	19.83	20.54	5.77
	7+L	6+L	K914	20.54	20.54	5.87
	6+L	5+L	K913	20.54	19.83	5.77
	5+L	4+L	K912	20.57	18.43	5.78
8	9+L	8+L	K816	19.87	21.30	6.10
	8+L	7+L	K813	23.04	23.38	6.63
	7+L	6+L	K814	23.27	23.27	6.65
	6+L	5+L	K813	23.38	23.04	6.63
	5+L	4+L	K812	21.30	19.87	6.10
7	9+L	8+L	K716	23.58	25.82	7.32
	8+L	7+L	K713	24.90	25.64	7.22
	7+L	6+L	K714	25.64	25.64	7.33
	6+L	5+L	K713	25.64	24.90	7.22
	5+L	4+L	K712	25.82	23.58	7.32
6	9+L	8+L	K616	25.86	28.79	8.10
	8+L	7+L	K613	27.76	28.73	8.07
	7+L	6+L	K614	28.73	28.73	8.21
	6+L	5+L	K613	28.73	27.76	8.07
	5+L	4+L	K612	28.79	25.86	8.10
5	9+L	8+L	K516	25.67	27.91	7.94
	8+L	7+L	K513	30.18	30.79	8.71
	7+L	6+L	K514	30.67	30.67	8.76
	6+L	5+L	K513	30.79	30.19	8.71
	5+L	4+L	K512	27.91	25.67	7.94
4	9+L	8+L	K416	31.86	35.77	10.02
	8+L	7+L	K413	34.49	35.88	10.05
	7+L	6+L	K414	35.96	35.96	10.27
	6+L	5+L	K413	35.88	34.48	10.05
	5+L	4+L	K412	35.76	31.86	10.02
3	9+L	8+L	K316	30.71	33.88	9.60
	8+L	7+L	K313	32.55	33.08	9.38
	7+L	6+L	K314	32.69	32.69	9.34
	6+L	5+L	K313	33.09	32.58	9.38
	5+L	4+L	K312	33.91	30.71	9.61
2	9+L	8+L	K216	30.83	36.52	9.96
	5+L	4+L	K212A	34.38	30.79	9.60
1	9+L	8+L	K116	26.39	29.16	8.26
	8+L	7+L	K113	28.01	28.54	8.08
	7+L	6+L	K114	28.25	28.25	8.07
	6+L	5+L	K113	28.55	28.03	8.08
	5+L	4+L	K112	29.18	26.40	8.26

K AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
13	9+K	8+K	K1320	2.50	2.79	0.78
	8+K	7+K	K1310	2.96	2.95	0.84
	7+K	6+K	K1311	2.93	2.93	0.84
	6+K	5+K	K1310	2.95	2.96	0.84
	5+K	4+K	K1309	2.79	2.50	0.78
12	9+K	8+K	K1220	4.83	5.12	1.47
	8+K	7+K	K1210	5.23	5.23	1.49
	7+K	6+K	K1211	5.23	5.23	1.49
	6+K	5+K	K1210	5.23	5.23	1.49
	5+K	4+K	K1209	5.12	4.83	1.47
11	9+K	8+K	K1120	6.63	7.06	2.02
	8+K	7+K	K1110	7.24	7.23	2.07
	7+K	6+K	K1111	7.22	7.22	2.06
	6+K	5+K	K1110	7.23	7.24	2.07
	5+K	4+K	K1109	7.06	6.63	2.02
10	9+K	8+K	K1020	8.28	8.83	2.53
	8+K	7+K	K1010	9.07	9.06	2.59
	7+K	6+K	K1011	9.05	9.05	2.59
	6+K	5+K	K1010	9.06	9.07	2.59
	5+K	4+K	K1009	8.83	8.28	2.53
9	9+K	8+K	K920	10.06	10.62	3.06
	8+K	7+K	K910	10.78	10.78	3.08
	7+K	6+K	K911	10.77	10.77	3.08
	6+K	5+K	K910	10.78	10.78	3.08
	5+K	4+K	K909	10.62	10.06	3.06
8	9+K	8+K	K820	11.42	11.95	3.46
	8+K	7+K	K810	12.03	12.03	3.44
	7+K	6+K	K811	12.03	12.03	3.44
	6+K	5+K	K810	12.03	12.03	3.44
	5+K	4+K	K809	11.95	11.42	3.46
7	9+K	8+K	K720	12.66	13.27	3.84
	8+K	7+K	K710	13.38	13.38	3.82
	7+K	6+K	K711	13.37	13.37	3.82
	6+K	5+K	K710	13.38	13.38	3.82
	5+K	4+K	K709	13.27	12.67	3.84
6	9+K	8+K	K620	13.66	14.34	4.15
	8+K	7+K	K610	14.49	14.50	4.14
	7+K	6+K	K611	14.50	14.50	4.14
	6+K	5+K	K610	14.50	14.49	4.14
	5+K	4+K	K609	14.33	13.64	4.14
5	9+K	8+K	K520	14.31	15.59	4.43
	8+K	7+K	K510	16.24	16.21	4.64
	7+K	6+K	K511	16.18	16.18	4.62
	6+K	5+K	K510	16.21	16.23	4.63
	5+K	4+K	K509	15.64	14.41	4.45
4	9+K	8+K	K420	16.95	16.39	4.94
	8+K	7+K	K410	15.32	15.39	4.39
	7+K	6+K	K411	15.45	15.45	4.41
	6+K	5+K	K410	15.40	15.35	4.39
	5+K	4+K	K409	16.15	16.44	4.83
3	9+K	8+K	K320	15.29	23.12	5.71
	8+K	7+K	K310	29.59	29.46	8.44

	7+K	6+K	K311	29.33	29.33	8.38
	6+K	5+K	K310	29.44	29.55	8.43
	5+K	4+K	K309	24.37	17.88	6.28
1	9+K	8+K	K120	22.34	17.97	5.99
	8+K	7+K	K110	13.33	13.59	3.85
	7+K	6+K	K111	5.45	5.45	1.56
	6+K	5+K	K110	13.68	13.51	3.89
	5+K	4+K	K109	13.43	12.97	3.92

E1 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
2	6+M	5+L	K210	15.03	19.13	3.27

E2 AKSI ELVERİŞSİZ KİRİŞ MOMENTLERİ

KAT NO	I	J	ADI	MI	MJ	T
2	7+M	8+L	K210A	11.75	12.98	2.36

13. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	2.92	1.92	1.61	2.54	1.66	1.40
2	4	M	3.55	0.36	1.30	4.01	2.84	2.28
3	4	L	3.55	0.36	1.30	4.06	2.84	2.30
4	4	K	2.92	1.92	1.61	2.54	1.66	1.40
8	5	N	4.96	3.66	2.87	5.76	2.53	2.76
9	5	M	11.40	6.21	5.87	9.97	5.34	5.10
10	5	L	11.40	6.21	5.87	9.97	5.34	5.10
11	5	K	4.98	3.67	2.88	5.76	2.53	2.76
12	6	N	4.72	3.48	2.73	5.87	2.58	2.82
13	6	M	11.28	6.33	5.87	10.52	5.83	5.45
14	6	L	11.28	6.33	5.87	10.52	5.83	5.45
15	6	K	4.72	3.48	2.73	5.87	2.58	2.82
16	7	N	4.72	3.48	2.73	5.87	2.58	2.82
17	7	M	11.28	6.33	5.87	10.52	5.83	5.45
18	7	L	11.28	6.33	5.87	10.52	5.83	5.45
19	7	K	4.72	3.48	2.73	5.87	2.58	2.82
20	8	N	4.98	3.67	2.88	5.76	2.53	2.76
21	8	M	11.39	6.21	5.87	9.97	5.34	5.10
22	8	L	11.39	6.21	5.87	9.97	5.34	5.10
23	8	K	4.96	3.66	2.87	5.76	2.53	2.76
27	9	N	2.92	1.92	1.61	2.54	1.66	1.40
28	9	M	3.55	0.36	1.30	4.01	2.84	2.28
29	9	L	3.55	0.36	1.30	4.06	2.84	2.30
30	9	K	2.92	1.92	1.61	2.54	1.66	1.40

12. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	3.56	2.97	2.18	3.26	2.63	1.96
2	4	M	5.62	1.95	2.53	5.20	4.35	3.18
3	4	L	5.62	1.95	2.53	5.29	4.36	3.21

4	4	K	3.56	2.97	2.18	3.26	2.63	1.96
8	5	N	6.35	5.54	3.96	7.86	4.98	4.28
9	5	M	14.85	10.60	8.48	13.31	9.35	7.55
10	5	L	14.85	10.60	8.48	13.31	9.35	7.55
11	5	K	6.37	5.55	3.97	7.86	4.98	4.28
12	6	N	6.06	5.26	3.77	7.86	5.00	4.29
13	6	M	14.70	10.78	8.49	13.83	10.04	7.96
14	6	L	14.70	10.78	8.49	13.83	10.04	7.96
15	6	K	6.06	5.26	3.77	7.86	5.00	4.29
16	7	N	6.06	5.26	3.77	7.86	5.00	4.29
17	7	M	14.70	10.78	8.49	13.83	10.04	7.96
18	7	L	14.70	10.78	8.49	13.83	10.04	7.96
19	7	K	6.06	5.26	3.77	7.86	5.00	4.29
20	8	N	6.37	5.55	3.97	7.86	4.98	4.28
21	8	M	14.85	10.60	8.48	13.31	9.35	7.55
22	8	L	14.85	10.60	8.48	13.31	9.35	7.55
23	8	K	6.35	5.54	3.96	7.86	4.98	4.28
27	9	N	3.56	2.97	2.18	3.26	2.63	1.96
28	9	M	5.62	1.95	2.53	5.20	4.35	3.18
29	9	L	5.62	1.95	2.53	5.29	4.36	3.21
30	9	K	3.56	2.97	2.18	3.26	2.63	1.96

11. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	4.46	3.86	2.77	4.11	3.53	2.55
2	4	M	6.31	4.27	3.53	6.79	6.29	4.36
3	4	L	6.31	4.27	3.53	6.89	6.34	4.41
4	4	K	4.46	3.86	2.77	4.11	3.53	2.55
8	5	N	7.96	7.22	5.06	9.36	6.74	5.37
9	5	M	18.07	14.79	10.95	16.49	13.22	9.90
10	5	L	18.07	14.79	10.95	16.49	13.22	9.90
11	5	K	7.99	7.24	5.08	9.36	6.74	5.37
12	6	N	7.60	6.90	4.83	9.42	6.80	5.41
13	6	M	17.74	14.30	10.68	17.08	13.61	10.23
14	6	L	17.74	14.30	10.68	17.08	13.61	10.23
15	6	K	7.60	6.90	4.83	9.42	6.80	5.41
16	7	N	7.60	6.90	4.83	9.42	6.80	5.41
17	7	M	17.74	14.30	10.68	17.08	13.61	10.23
18	7	L	17.74	14.30	10.68	17.08	13.61	10.23
19	7	K	7.60	6.90	4.83	9.42	6.80	5.41
20	8	N	7.99	7.24	5.08	9.36	6.74	5.37
21	8	M	18.07	14.79	10.95	16.49	13.22	9.90
22	8	L	18.07	14.79	10.95	16.49	13.22	9.90
23	8	K	7.96	7.22	5.06	9.36	6.74	5.37
27	9	N	4.46	3.86	2.77	4.11	3.53	2.55
28	9	M	6.31	4.28	3.53	6.79	6.29	4.36
29	9	L	6.31	4.28	3.53	6.89	6.34	4.41
30	9	K	4.46	3.86	2.77	4.11	3.53	2.55

10. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	5.13	4.47	3.20	4.89	4.24	3.04
2	4	M	9.52	7.28	5.60	8.57	7.68	5.42
3	4	L	9.52	7.28	5.60	8.74	7.78	5.50
4	4	K	5.13	4.47	3.20	4.89	4.24	3.04
8	5	N	9.27	8.29	5.85	11.22	8.77	6.66
9	5	M	21.92	18.12	13.35	20.20	16.54	12.25
10	5	L	21.92	18.12	13.35	20.20	16.54	12.25
11	5	K	9.30	8.31	5.87	11.22	8.77	6.66
12	6	N	8.89	7.95	5.61	11.27	8.80	6.69

13	6	M	20.78	17.12	12.63	20.24	16.53	12.26
14	6	L	20.78	17.12	12.63	20.24	16.53	12.26
15	6	K	8.89	7.95	5.61	11.27	8.80	6.69
16	7	N	8.89	7.95	5.61	11.27	8.80	6.69
17	7	M	20.78	17.12	12.63	20.24	16.53	12.26
18	7	L	20.78	17.12	12.63	20.24	16.53	12.26
19	7	K	8.89	7.95	5.61	11.27	8.80	6.69
20	8	N	9.30	8.31	5.87	11.22	8.77	6.66
21	8	M	21.92	18.12	13.35	20.20	16.54	12.25
22	8	L	21.92	18.12	13.35	20.20	16.54	12.25
23	8	K	9.27	8.29	5.85	11.22	8.77	6.66
27	9	N	5.13	4.47	3.20	4.89	4.24	3.04
28	9	M	9.52	7.28	5.60	8.57	7.68	5.42
29	9	L	9.52	7.28	5.60	8.74	7.78	5.50
30	9	K	5.13	4.47	3.20	4.89	4.24	3.04

9. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	6.29	5.54	3.95	5.99	5.20	3.73
2	4	M	8.85	4.28	4.38	10.74	9.02	6.59
3	4	L	8.85	4.28	4.38	10.88	9.06	6.64
4	4	K	6.29	5.54	3.94	5.99	5.20	3.73
8	5	N	12.05	10.80	7.62	12.71	9.73	7.48
9	5	M	26.19	20.34	15.51	24.17	18.79	14.32
10	5	L	26.19	20.34	15.51	24.17	18.78	14.32
11	5	K	12.09	10.82	7.64	12.71	9.74	7.48
12	6	N	11.51	10.28	7.26	12.70	9.70	7.47
13	6	M	25.25	20.41	15.22	24.57	19.81	14.79
14	6	L	25.25	20.41	15.22	24.57	19.81	14.79
15	6	K	11.51	10.28	7.26	12.71	9.71	7.47
16	7	N	11.51	10.28	7.26	12.70	9.70	7.47
17	7	M	25.25	20.42	15.22	24.57	19.81	14.79
18	7	L	25.25	20.41	15.22	24.57	19.81	14.79
19	7	K	11.51	10.28	7.26	12.71	9.71	7.47
20	8	N	12.09	10.82	7.64	12.71	9.73	7.48
21	8	M	26.19	20.34	15.51	24.17	18.79	14.32
22	8	L	26.19	20.34	15.51	24.17	18.78	14.32
23	8	K	12.05	10.80	7.62	12.71	9.74	7.48
27	9	N	6.29	5.54	3.94	5.99	5.20	3.73
28	9	M	8.85	4.29	4.38	10.74	9.02	6.59
29	9	L	8.85	4.29	4.38	10.88	9.06	6.64
30	9	K	6.29	5.54	3.94	5.99	5.19	3.73

8. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	6.77	6.05	4.28	6.41	5.74	4.05
2	4	M	8.97	7.19	5.39	10.83	10.47	7.10
3	4	L	8.98	7.20	5.39	10.96	10.56	7.17
4	4	K	6.77	6.06	4.28	6.42	5.75	4.05
8	5	N	12.73	11.80	8.18	14.34	11.18	8.51
9	5	M	27.87	24.37	17.41	25.89	22.33	16.07
10	5	L	27.87	24.38	17.42	25.90	22.34	16.08
11	5	K	12.77	11.83	8.20	14.34	11.13	8.49
12	6	N	12.14	11.27	7.80	14.31	11.17	8.49
13	6	M	27.65	23.62	17.09	26.86	22.74	16.54
14	6	L	27.65	23.64	17.10	26.88	22.75	16.54
15	6	K	12.14	11.26	7.80	14.32	11.12	8.48
16	7	N	12.14	11.27	7.80	14.31	11.17	8.49
17	7	M	27.65	23.63	17.09	26.86	22.74	16.54
18	7	L	27.65	23.64	17.10	26.88	22.75	16.54

19	7	K	12.14	11.26	7.80	14.32	11.12	8.48
20	8	N	12.77	11.83	8.20	14.34	11.18	8.51
21	8	M	27.86	24.37	17.41	25.89	22.33	16.07
22	8	L	27.87	24.38	17.42	25.90	22.34	16.08
23	8	K	12.73	11.80	8.18	14.34	11.13	8.49
27	9	N	6.77	6.05	4.28	6.41	5.74	4.05
28	9	M	8.97	7.19	5.39	10.83	10.47	7.10
29	9	L	8.97	7.19	5.39	10.96	10.56	7.17
30	9	K	6.77	6.06	4.28	6.42	5.75	4.06

7. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	7.37	6.92	4.77	7.13	6.66	4.60
2	4	M	12.69	9.77	7.49	13.08	12.34	8.48
3	4	L	12.68	9.75	7.47	13.30	12.45	8.58
4	4	K	7.37	6.91	4.76	7.13	6.62	4.58
8	5	N	13.95	13.22	9.06	15.54	12.90	9.48
9	5	M	30.80	25.12	18.64	28.76	23.45	17.40
10	5	L	30.78	25.05	18.61	28.77	23.35	17.38
11	5	K	13.99	13.24	9.08	15.63	13.00	9.54
12	6	N	13.35	12.63	8.66	15.49	12.80	9.43
13	6	M	29.04	23.58	17.54	28.55	23.28	17.28
14	6	L	29.03	23.54	17.52	28.56	23.17	17.24
15	6	K	13.36	12.66	8.68	15.58	12.90	9.49
16	7	N	13.35	12.63	8.66	15.49	12.80	9.43
17	7	M	29.04	23.58	17.54	28.55	23.28	17.28
18	7	L	29.03	23.54	17.53	28.56	23.17	17.24
19	7	K	13.36	12.66	8.67	15.58	12.90	9.49
20	8	N	13.98	13.25	9.08	15.53	12.90	9.48
21	8	M	30.79	25.14	18.64	28.76	23.46	17.41
22	8	L	30.77	25.07	18.61	28.77	23.37	17.38
23	8	K	13.94	13.21	9.05	15.63	13.02	9.55
27	9	N	7.37	6.92	4.76	7.12	6.66	4.60
28	9	M	12.68	9.80	7.49	13.08	12.34	8.48
29	9	L	12.68	9.79	7.49	13.29	12.47	8.59
30	9	K	7.36	6.88	4.75	7.12	6.59	4.57

6. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	7.46	7.07	4.85	7.15	6.94	4.70
2	4	M	11.70	5.63	5.77	13.46	12.03	8.49
3	4	L	11.73	5.77	5.83	13.73	12.10	8.60
4	4	K	7.49	7.16	4.88	7.25	7.11	4.79
8	5	N	14.83	13.29	9.37	15.99	10.96	8.98
9	5	M	36.16	27.63	21.26	33.42	26.89	20.10
10	5	L	36.25	28.00	21.42	33.64	27.10	20.25
11	5	K	14.89	13.34	9.41	15.95	9.98	8.64
12	6	N	14.23	12.84	9.02	16.11	11.36	9.16
13	6	M	34.98	28.26	21.08	34.07	28.63	20.90
14	6	L	35.02	28.45	21.16	34.32	28.90	21.07
15	6	K	14.17	12.64	8.93	16.04	10.35	8.80
16	7	N	14.23	12.84	9.02	16.10	11.36	9.16
17	7	M	34.96	28.28	21.08	34.06	28.63	20.90
18	7	L	35.00	28.45	21.15	34.31	28.90	21.07
19	7	K	14.17	12.64	8.93	16.04	10.36	8.80
20	8	N	14.86	13.31	9.39	15.98	10.96	8.98
21	8	M	36.10	27.65	21.25	33.37	26.89	20.09
22	8	L	36.20	28.01	21.40	33.60	27.09	20.23
23	8	K	14.84	13.33	9.39	15.92	9.92	8.61
27	9	N	7.45	7.07	4.84	7.14	6.94	4.69

28	9	M	11.65	5.65	5.77	13.46	12.03	8.49
29	9	L	11.67	5.70	5.79	13.68	12.09	8.59
30	9	K	7.52	7.30	4.94	7.29	7.25	4.85

5. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	8.39	7.35	5.25	7.65	6.29	4.65
2	4	M	11.15	6.78	5.98	13.52	12.64	8.72
3	4	L	10.97	6.17	5.71	13.76	12.63	8.76
4	4	K	8.25	6.93	5.06	7.56	5.54	4.37
8	5	N	18.05	19.65	12.57	20.57	22.50	14.36
9	5	M	36.20	25.80	20.67	31.53	20.15	17.22
10	5	L	35.74	24.23	19.99	31.48	18.22	16.56
11	5	K	18.04	19.50	12.51	22.05	25.29	15.78
12	6	N	16.84	17.69	11.51	20.37	21.42	13.93
13	6	M	35.34	22.89	19.41	32.73	20.06	17.60
14	6	L	35.19	22.24	19.14	32.60	17.82	16.80
15	6	K	17.20	18.71	11.97	21.98	24.46	15.48
16	7	N	16.82	17.70	11.51	20.37	21.42	13.93
17	7	M	35.29	22.98	19.42	32.73	20.10	17.61
18	7	L	35.16	22.41	19.19	32.59	17.86	16.82
19	7	K	17.17	18.69	11.96	21.97	24.45	15.47
20	8	N	18.06	19.71	12.59	20.54	22.49	14.34
21	8	M	36.09	26.13	20.74	31.47	20.42	17.29
22	8	L	35.64	24.56	20.06	31.43	18.53	16.64
23	8	K	17.90	19.36	12.42	22.05	25.46	15.84
27	9	N	8.35	7.36	5.24	7.61	6.30	4.64
28	9	M	11.10	7.15	6.08	13.52	12.64	8.72
29	9	L	10.97	6.81	5.93	13.75	12.81	8.85
30	9	K	7.98	6.25	4.74	7.29	4.87	4.05

4. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	9.79	8.96	6.25	9.77	11.04	6.93
2	4	M	18.88	10.27	9.72	18.68	19.38	12.68
3	4	L	19.72	12.98	10.90	20.13	20.74	13.62
4	4	K	10.52	11.13	7.22	11.26	14.27	8.51
8	5	N	10.67	7.33	1.11	9.01	26.25	5.86
9	5	M	47.01	35.36	27.46	49.35	52.80	34.05
10	5	L	49.01	42.00	30.34	52.71	57.89	36.87
11	5	K	11.22	6.87	2.09	6.46	42.40	12.06
12	6	N	12.33	1.78	3.83	9.64	22.76	4.41
13	6	M	47.71	43.61	30.44	50.22	56.69	35.63
14	6	L	48.11	45.53	31.22	54.08	63.22	39.10
15	6	K	10.55	7.04	1.81	6.34	40.73	11.47
16	7	N	12.25	1.81	3.78	9.61	22.75	4.39
17	7	M	47.49	43.59	30.36	50.14	56.60	35.58
18	7	L	47.80	45.19	31.00	54.01	63.13	39.05
19	7	K	10.52	6.98	1.82	6.33	40.73	11.47
20	8	N	10.54	7.52	1.16	8.89	26.25	5.85
21	8	M	46.30	34.90	27.07	48.85	52.53	33.79
22	8	L	48.32	41.57	29.96	52.23	57.55	36.59
23	8	K	11.13	5.70	1.81	6.41	42.78	12.21
27	9	N	9.64	8.88	6.17	9.61	10.99	6.87
28	9	M	18.29	9.84	9.38	18.68	19.38	12.68
29	9	L	19.04	11.88	10.31	19.32	19.87	13.06
30	9	K	11.51	14.47	8.66	12.34	17.95	10.09

3. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERI

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	10.11	9.54	3.27	7.06	8.81	2.63
2	4	M	18.63	7.42	4.34	10.59	11.81	3.73
3	4	L	14.85	3.63	1.87	11.13	20.23	4.77
4	4	K	6.40	0.73	0.98	3.87	4.60	0.45
8	5	N	65.32	37.77	34.36	74.20	33.92	35.88
9	5	M	57.15	43.62	16.79	14.06	19.86	5.31
10	5	L	48.56	18.04	11.07	9.46	16.86	2.16
11	5	K	62.67	28.01	30.21	96.46	43.48	46.61
12	6	N	50.83	5.79	15.74	73.07	23.17	31.92
13	6	M	39.01	5.45	5.61	9.34	8.24	2.49
14	6	L	38.80	9.16	5.12	2.65	30.43	4.65
15	6	K	60.42	27.29	29.22	99.37	44.88	48.08
16	7	N	50.81	5.09	16.08	73.07	22.87	31.94
17	7	M	38.79	4.96	5.66	9.37	5.94	2.33
18	7	L	38.91	7.73	5.40	2.74	29.84	4.56
19	7	K	60.17	27.49	29.20	99.35	44.92	48.09
20	8	N	65.09	39.39	34.82	73.99	34.79	36.10
21	8	M	56.98	46.07	17.17	13.76	22.07	5.78
22	8	L	48.30	20.27	11.41	9.25	16.85	2.65
23	8	K	61.54	28.47	30.00	95.35	43.11	46.12
27	9	N	9.98	9.66	3.27	6.88	8.97	2.64
28	9	M	18.79	10.23	4.84	10.59	11.81	3.73
29	9	L	14.65	0.60	2.35	11.09	17.25	4.36
30	9	K	0.75	15.95	2.56	3.22	21.95	4.17

2. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	11.99	13.87	4.31	11.04	11.11	3.69
2	4	M	27.08	50.94	13.00	15.13	16.08	5.20
3	4	L	14.41	43.75	9.69	29.15	38.48	11.24
4	4	K	0.73	7.38	1.33	4.60	11.58	2.68
8	5	N	49.43	82.86	44.10	34.85	106.49	46.23
9	5	M	70.39	102.02	28.73	54.09	68.84	20.48
10	5	L	39.63	83.10	20.45	57.95	87.24	24.19
11	5	K	28.01	4.50	4.31	43.48	25.10	3.27
12	6	N	4.76	64.40	22.85	12.75	95.36	35.87
13	6	M	15.96	76.98	15.49	28.35	51.35	13.28
14	6	L	9.16	67.91	12.77	30.43	72.13	17.08
15	6	K	27.29	4.10	4.25	44.88	22.05	3.83
16	7	N	3.87	62.83	21.98	12.19	95.01	35.64
17	7	M	13.18	74.07	14.54	27.53	49.96	12.91
18	7	L	7.73	65.56	12.12	29.84	71.30	16.85
19	7	K	27.49	3.95	4.35	44.92	21.99	3.85
20	8	N	45.55	78.52	41.33	28.78	103.43	43.72
21	8	M	64.53	95.08	26.60	45.44	58.92	17.39
22	8	L	33.79	76.46	18.37	52.98	81.36	22.38
23	8	K	28.47	1.21	4.54	43.11	26.33	3.16
27	9	N	10.86	12.66	3.92	9.08	8.79	2.98
28	9	M	22.62	45.26	11.31	15.13	16.08	5.20
29	9	L	10.86	39.02	8.31	24.81	28.91	8.95
30	9	K	15.95	34.35	16.77	21.95	43.52	21.81

1. KAT ELVERİŞSİZ KOLON VE PERDE MOMENTLERİ

NO.			MX(ÜST)	MX(ALT)	TX	MY(ÜST)	MY(ALT)	TY
1	4	N	1.41	13.12	4.83	5.25	12.71	5.77
2	4	M	18.41	65.43	15.68	6.85	21.17	9.34
3	4	L	20.65	64.30	14.55	23.82	22.00	10.13

4	4	K	0.91	12.00	3.70	4.05	12.93	5.19
8	5	N	33.59	4.79	9.60	69.70	27.44	14.99
9	5	M	26.03	116.79	30.30	23.92	104.67	33.58
10	5	L	35.94	111.89	25.39	34.17	102.20	27.45
11	5	K	9.26	26.59	11.82	3.08	70.43	24.20
12	6	N	22.63	9.84	4.48	69.13	26.78	14.20
13	6	M	9.70	119.05	36.52	7.41	107.05	35.91
14	6	L	24.62	111.63	29.08	16.82	105.77	30.55
15	6	K	9.06	25.43	11.32	3.04	67.82	21.63
16	7	N	21.77	10.12	4.10	69.02	26.80	14.14
17	7	M	7.81	119.18	37.20	5.91	107.14	36.09
18	7	L	22.85	111.69	29.70	15.55	105.88	30.73
19	7	K	9.28	25.41	11.39	3.23	67.79	21.61
20	8	N	31.13	6.54	8.50	68.64	27.66	14.37
21	8	M	21.63	116.88	31.80	19.67	105.68	35.32
22	8	L	30.81	112.37	27.27	29.24	103.51	29.50
23	8	K	9.72	26.09	11.94	6.38	71.92	25.77
27	9	N	1.89	13.06	4.97	5.63	12.83	6.07
28	9	M	14.30	65.62	17.11	6.85	21.17	9.34
29	9	L	15.21	65.17	16.65	18.33	26.09	13.95
30	9	K	24.30	0.22	8.10	21.73	4.79	7.52

DEVRiLME MOMENTLERi HESABI

		X Yönü		Y Yönü	
Kat No	Yükseklik	Deprem Yükü	Devrilme Momenti	Deprem Yükü	Devrilme Momenti
13	39.000	76.270	2974.530	73.180	2854.020
12	36.000	34.530	1243.080	34.970	1258.920
11	33.000	31.650	1044.450	32.060	1057.980
10	30.000	31.730	951.900	32.140	964.200
9	27.000	28.740	775.980	29.110	785.970

8	24.000	23.460	563.040	23.770	570.480
7	21.000	22.600	474.600	22.890	480.690
6	18.000	19.480	350.640	19.730	355.140
5	15.000	14.900	223.500	15.090	226.350
4	12.000	13.100	157.200	13.270	159.240
3	9.000	10.400	93.600	10.530	94.770
2	6.000	4.660	27.960	4.720	28.320
1	3.000	3.830	11.490	3.870	11.610
			8891.970		8847.690

PERDE TABAN MOMENTLERi HESABI

P E R D E

Perde Adı	Düğüm Noktası	Taban Momenti	Kiriş Momenti	Moment Toplamı	Toplam	X Yönü	Y Yönü
						0.00	0.00
					Alfa M =	0.00	0.00

KİRİŞ HESAPLARI

-21 KOTU KAT KİRİŞLERİ

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K001B

	ACIKLIK MOMENTLERI				KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 2.378	-4.756
												MG= 1.036	-2.072
												MQ= 0.580	-1.160
					TA=	7.518	7.157	5.139	XA=	-7.135	-5.167	-7.899	
					TAG=	3.380	3.204	2.235	XAG=	-3.108	-2.227	-3.479	
		XA=	-7.135		TAQ=	1.741	1.669	1.256	XAQ=	-1.740	-1.281	-1.893	
K001B	3.198	5.063		3.045									
		XB=	-9.567		TB=	-7.130	-7.522	-4.879	XB=	-9.711	-5.950	-7.899	
					TBG=	-3.275	-3.451	-2.133	XBG=	-4.295	-2.569	-3.479	
					TBQ=	-1.591	-1.681	-1.183	XBQ=	-2.311	-1.470	-1.893	
												M= -1.165	2.330
												MG= -0.014	0.028
												MQ= -0.716	1.431
					TA=	7.431	7.487	4.839	XA=	-9.647	-5.904	-7.283	
					TAG=	3.411	3.428	2.109	XAG=	-4.252	-2.538	-3.222	
		XA=	-9.504		TAQ=	1.660	1.680	1.179	XAQ=	-2.309	-1.469	-1.732	
K002B	3.510	4.989		2.975									
		XB=	-9.327		TB=	-7.431	-7.417	-4.769	XB=	-9.378	-5.670	-7.283	
					TBG=	-3.411	-3.393	-2.075	XBG=	-4.130	-2.433	-3.222	
					TBQ=	-1.660	-1.666	-1.165	XBQ=	-2.247	-1.414	-1.732	
												M= -2.039	4.078
												MG= -0.626	1.253
												MQ= -0.727	1.453
					TA=	3.578	3.678	2.355	XA=	-4.468	-2.629	-3.732	
					TAG=	1.862	1.912	1.182	XAG=	-2.251	-1.295	-1.886	
		XA=	-4.409		TAQ=	0.607	0.626	0.437	XAQ=	-0.823	-0.510	-0.682	
K003	3.445	2.211		1.536									
		XB=	-3.823		TB=	-3.700	-3.613	-2.661	XB=	-3.823	-2.829	-3.732	
					TBG=	-1.885	-1.835	-1.335	XBG=	-1.916	-1.411	-1.886	
					TBQ=	-0.663	-0.652	-0.495	XBQ=	-0.713	-0.533	-0.682	
												M= -1.274	2.549
												MG= -0.639	1.277
												MQ= -0.238	0.475

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K001B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

1. KAT 4 AKSINA BENZERDİR

				ACIKLIK							MESNET							
				MinM	Rou	Asu					Vg	Ver	XG	Mu	Rou	Asu	Mevu	Eku
	B	D	Rob	MaxM	Roa	Asa	DUZ	PLIYE	MONTAJ	ETRIYE	Vq	Vd	XQ	Ma	Roa	Asa	Meva	Eka
						Asm		1. PLIYE			Ve	Asw	XE			Asm		

								2.23	14.25	-3.11	-17.04	0.45	9.89
								1.26	7.57	-1.74	9.39	0.24	5.25
								4.08	3.53	12.19			0.00
				3.04	0.00	0.00							
K001B	43.0	51.0	1.36	5.06	0.13	2.78							
						3.61		2.13	14.25	-3.48	-17.43	0.46	10.14
								1.18	7.40	-1.89	8.93	0.23	4.98
								4.08	3.53	12.06			
								2.11	14.25	-3.22	-17.26	0.46	10.03
								1.18	7.40	-1.73	9.40	0.24	5.26
								4.11	3.53	12.30			
				2.97	0.00	0.00							
K002B	43.0	51.0	1.36	4.99	0.12	2.74							
						3.56		2.07	14.25	-3.22	-17.32	0.46	10.07
								1.17	7.35	-1.73	9.46	0.24	5.30
								4.11	3.53	12.36			
								1.18	10.06	-1.89	-7.47	0.39	6.08
								0.44	3.31	-0.68	3.21	0.16	2.51
								1.69	3.53	4.90			7.24
				1.54	0.00	0.00							
K003	43.0	36.0	1.36	2.21	0.11	1.71							
						2.58		1.33	10.06	-1.89	-7.68	0.40	6.27
								0.50	3.52	-0.68	3.42	0.17	2.68
								1.69	3.53	5.12			

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K004B

		ACIKLIK MOMENTLERİ			KESME KUVVETLERİ					MESNET MOMETLERİ			KOLON MOMENTLERİ	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP			MIN	DUZ	SER	UST	ALT
													M= 7.647	-7.647
													MG= 3.014	-3.014
													MQ= 2.143	-2.143
					TA=	16.364	15.513	11.079	XA=	-15.295	-11.029	-17.151		
					TAG=	6.726	6.311	4.378	XAG=	-6.027	-4.292	-6.917		
			XA= -15.295		TAQ=	4.342	4.173	3.094	XAQ=	-4.285	-3.138	-4.667		
K004B	3.185	10.969		5.812										
			XB= -21.021		TB=	-15.456	-16.507	-10.782	XB=	-21.971	-13.718	-17.151		
					TBG=	-6.506	-6.921	-4.305	XBG=	-8.818	-5.358	-6.917		
					TBQ=	-3.967	-4.261	-2.973	XBQ=	-6.016	-3.886	-4.667		
													M= 7.482	-14.964
													MG= 1.451	-2.901
													MQ= 3.407	-6.814
					TA=	27.429	27.600	18.537	XA=	-36.196	-22.396	-27.704		
					TAG=	10.293	10.341	6.674	XAG=	-13.170	-7.999	-10.087		
			XA= -35.736		TAQ=	8.137	8.201	5.746	XAQ=	-11.099	-6.998	-8.489		
K005B	3.508	19.468		9.557										
			XB= -35.217		TB=	-27.429	-27.399	-18.336	XB=	-35.428	-21.729	-27.704		
					TBG=	-10.293	-10.244	-6.577	XBG=	-12.830	-7.708	-10.087		
					TBQ=	-8.137	-8.161	-5.705	XBQ=	-10.916	-6.836	-8.489		
													M= -9.517	19.033
													MG= -2.783	5.566
													MQ= -3.513	7.026
					TA=	7.992	8.372	5.490	XA=	-10.649	-6.463	-8.438		
					TAG=	3.535	3.689	2.307	XAG=	-4.482	-2.637	-3.585		
			XA= -10.251		TAQ=	1.902	2.004	1.413	XAQ=	-2.734	-1.732	-2.137		
K006B	3.485	5.062		2.855										
			XB= -8.277		TB=	-8.337	-8.043	-5.928	XB=	-8.277	-6.065	-8.438		
					TBG=	-3.582	-3.428	-2.478	XBG=	-3.446	-2.504	-3.585		
					TBQ=	-2.076	-2.027	-1.537	XBQ=	-2.157	-1.600	-2.137		
													M= -2.759	5.518
													MG= -1.149	2.297
													MQ= -0.719	1.438

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K004B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT 5 AKSINA BENZERDİR

			ACIKLIK								MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka

									4.39	29.83	-6.03	-49.17	0.64	29.56
									3.09	19.04	-4.29	33.43	0.42	19.30
									11.57	7.40	38.86			0.00
					5.81	0.00	0.00							
K004B	90.0	51.0	1.36		10.97	0.08	5.97							
							7.76		4.30	29.83	-6.92	-41.57	0.53	24.49
									2.97	18.85	-4.67	23.76	0.29	13.41
									11.57	7.40	29.99			
									6.67	29.83	-10.09	-43.20	0.56	25.56
									5.75	20.55	-8.49	15.55	0.19	8.62
									8.13	7.40	24.62			
					9.56	0.00	0.00							
K005B	90.0	51.0	1.36		19.47	0.16	10.74							
							13.96		6.58	29.83	-10.09	-42.77	0.55	25.28
									5.71	20.41	-8.49	15.12	0.18	8.37
									8.13	7.40	24.19			
									2.31	21.06	-3.58	-15.74	0.40	12.82
									1.41	6.88	-2.14	6.79	0.16	5.31
									3.16	7.40	10.02			15.15
					2.85	0.00	0.00							
K006B	90.0	36.0	1.36		5.06	0.08	3.90							
							5.40		2.48	21.06	-3.45	-14.35	0.36	11.61
									1.54	7.17	-2.14	5.67	0.14	4.41
									3.16	7.40	8.77			

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5A AKSI K022B

	ACIKLIK MOMENTLERI				KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI		
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER		UST	ALT
												M=	0.000	0.000
												MG=	0.000	0.000
												MQ=	0.000	0.000
					TA=	16.751	13.081	12.394	XA= 0.000	0.000	0.000			
					TAG=	6.544	4.712	4.221	XAG= -0.000	0.000	0.000			
		XA=	0.000		TAQ=	4.743	4.053	4.053	XAQ= -0.000	0.000	0.000			
K022B	2.763	21.003		6.038										
		XB=	-24.913		TB=	-17.435	-22.292	-21.302	XB= -32.963	-32.963	-31.972			
					TBG=	-6.729	-8.561	-7.989	XBG= -12.438	-12.438	-12.059			
					TBQ=	-5.009	-6.441	-6.324	XBQ= -9.719	-9.719	-9.431			
												M=	0.000	0.000
												MG=	0.000	0.000
												MQ=	0.000	0.000
					TA=	17.192	21.901	21.214	XA= -32.963	-32.963	-33.765			
					TAG=	6.727	8.504	8.013	XAG= -12.438	-12.438	-12.762			
		XA=	-25.462		TAQ=	4.859	6.248	6.248	XAQ= -9.719	-9.719	-9.936			
K022	4.135	22.566		7.209										
		XB=	-0.000		TB=	-17.192	-13.555	-12.868	XB= -0.000	0.000	0.000			
					TBG=	-6.727	-4.950	-4.459	XBG= 0.000	0.000	0.000			
					TBQ=	-4.859	-4.141	-4.141	XBQ= -0.000	0.000	0.000			
												M=	0.000	0.000
												MG=	0.000	0.000
												MQ=	0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5A AKSI K022B

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

	A C I K L I K									M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											4.22	23.20	0.00	0.00	0.00	0.00		
											4.05	12.39	0.00	0.00	0.00	0.00		
											0.00	5.75	0.00					
				6.04	0.00	0.00												
K022B	70.0	51.0	1.36	21.00	0.18	11.64												
						12.70					7.99	23.20	-12.44	-11.19	0.55	19.46		
											6.32	21.30	-9.72	-32.96	0.00	0.00		
											0.00	5.75	0.00			0.00		

							8.01	23.20	-12.44	-11.19	0.55	19.46
							6.25	21.21	-9.72	-32.36	0.00	0.00
							0.00	5.75	0.00			0.00
				7.21	0.00	0.00						
K022	70.0	51.0	1.36	22.57	0.19	12.53						
						12.70	4.46	23.20	0.00	0.00	0.00	0.00
							4.14	12.87	0.00	0.00	0.00	0.00
							0.00	5.75	0.00			

9TsOPs16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K004B

		ACIKLIK MOMENTLERI			KESME KUVVETLERI					MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP			MIN	DUZ	SER	UST	ALT
													M= 7.647	-7.647
													MG= 3.014	-3.014
													MQ= 2.143	-2.143
					TA=	16.364	15.513	11.079	XA=	-15.295	-11.029	-17.151		
					TAG=	6.726	6.311	4.378	XAG=	-6.027	-4.292	-6.917		
			XA= -15.295		TAQ=	4.342	4.173	3.094	XAQ=	-4.285	-3.138	-4.667		
K004B	3.185	10.969		5.812										
			XB= -21.021		TB=	-15.456	-16.507	-10.782	XB=	-21.971	-13.718	-17.151		
					TBG=	-6.506	-6.921	-4.305	XBG=	-8.818	-5.358	-6.917		
					TBQ=	-3.967	-4.261	-2.973	XBQ=	-6.016	-3.886	-4.667		
													M= 7.482	-14.964
													MG= 1.451	-2.901
													MQ= 3.407	-6.814
					TA=	27.429	27.600	18.537	XA=	-36.196	-22.396	-27.704		
					TAG=	10.293	10.341	6.674	XAG=	-13.170	-7.999	-10.087		
			XA= -35.736		TAQ=	8.137	8.201	5.746	XAQ=	-11.099	-6.998	-8.489		
K005B	3.508	19.468		9.557										
			XB= -35.217		TB=	-27.429	-27.399	-18.336	XB=	-35.428	-21.729	-27.704		
					TBG=	-10.293	-10.244	-6.577	XBG=	-12.830	-7.708	-10.087		
					TBQ=	-8.137	-8.161	-5.705	XBQ=	-10.916	-6.836	-8.489		
													M= -9.517	19.033
													MG= -2.783	5.566
													MQ= -3.513	7.026
					TA=	7.992	8.372	5.490	XA=	-10.649	-6.463	-8.438		
					TAG=	3.535	3.689	2.307	XAG=	-4.482	-2.637	-3.585		
			XA= -10.251		TAQ=	1.902	2.004	1.413	XAQ=	-2.734	-1.732	-2.137		
K006B	3.485	5.062		2.855										
			XB= -8.277		TB=	-8.337	-8.043	-5.928	XB=	-8.277	-6.065	-8.438		
					TBG=	-3.582	-3.428	-2.478	XBG=	-3.446	-2.504	-3.585		
					TBQ=	-2.076	-2.027	-1.537	XBQ=	-2.157	-1.600	-2.137		
													M= -2.759	5.518
													MG= -1.149	2.297
													MQ= -0.719	1.438

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K004B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

1. KAT 5 AKSINA BENZERDIR

A C I K L I K											M E S N E T								
			MinM	Rou	Asu						Vg	Vcr	XG	Mu	Rou	Asu		Mevu	Eku
B	D	Rob	MaxM	Roa	Asa	DUZ	PLIYE	MONTAJ	ETRIYE		Vq	Vd	XQ	Ma	Roa	Asa		Meva	Eka
					Asm		1. PLIYE				Ve	Asw	XE			Asm			

							4.38	29.83	-6.03	-49.17	0.64	29.56
							3.09	19.04	-4.29	33.43	0.42	19.30
							11.57	7.40	38.86			0.00
				5.81	0.00	0.00						
K004B	90.0	51.0	1.36	10.97	0.08	5.97						
						7.76	4.30	29.83	-6.92	-41.57	0.53	24.49
							2.97	18.85	-4.67	23.76	0.29	13.41
							11.57	7.40	29.99			
							6.67	29.83	-10.09	-43.20	0.56	25.56
							5.75	20.55	-8.49	15.55	0.19	8.62
							8.13	7.40	24.62			
				9.56	0.00	0.00						
K005B	90.0	51.0	1.36	19.47	0.16	10.74						
						13.96	6.53	29.83	-10.09	-42.77	0.55	25.28
							5.71	20.41	-8.49	15.12	0.18	8.37
							8.13	7.40	24.19			
							2.31	21.06	-3.58	-15.74	0.40	12.82
							1.41	6.88	-2.14	6.79	0.16	5.31
							3.16	7.40	10.02			15.15
				2.85	0.00	0.00						
K006B	90.0	36.0	1.36	5.06	0.08	3.90						
						5.40	2.48	21.06	-3.45	-14.35	0.36	11.61
							1.54	7.17	-2.14	5.67	0.14	4.41
							3.16	7.40	8.77			

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K007B

		ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 10.331	-10.331
												MG= 3.829	-3.829
												MQ= 3.107	-3.107
					TA=	21.797	20.703	14.981	XA= -20.662	-14.969	-23.059		
					TAG=	8.403	7.899	5.568	XAG= -7.657	-5.485	-8.741		
			XA= -20.662		TAQ=	6.270	6.027	4.491	XAQ= -6.214	-4.557	-6.763		
K007B	3.191	14.833		7.402									
			XB= -28.019		TB=	-20.420	-21.761	-14.481	XB= -29.195	-18.315	-23.059		
					TBG=	-8.038	-8.542	-5.445	XBG= -11.045	-6.774	-8.741		
					TBQ=	-5.729	-6.126	-4.286	XBQ= -8.583	-5.520	-6.763		
												M= 8.663	-17.327
												MG= 1.415	-2.830
												MQ= 4.177	-8.353
					TA=	32.609	32.787	22.161	XA= -43.278	-26.884	-33.108		
					TAG=	11.892	11.913	7.763	XAG= -15.290	-9.333	-11.755		
			XA= -42.612		TAQ=	9.975	10.068	7.058	XAQ= -13.670	-8.636	-10.407		
K008B	3.503	23.212		10.930									
			XB= -42.350		TB=	-32.609	-32.711	-22.085	XB= -43.010	-26.655	-33.108		
					TBG=	-11.892	-11.871	-7.721	XBG= -15.141	-9.205	-11.755		
					TBQ=	-9.975	-10.057	-7.047	XBQ= -13.633	-8.604	-10.407		
												M= -9.687	19.374
												MG= -1.998	3.995
												MQ= -4.307	8.613
					TA=	18.851	19.537	13.932	XA= -25.732	-15.963	-21.305		
					TAG=	6.909	7.158	4.913	XAG= -9.148	-5.569	-7.565		
			XA= -25.243		TAQ=	5.736	5.947	4.409	XAQ= -8.078	-5.104	-6.696		
K009B	3.468	13.152		6.319									
			XB= -21.338		TB=	-20.191	-19.611	-15.395	XB= -21.338	-15.945	-21.305		
					TBG=	-7.265	-7.016	-5.395	XBG= -7.472	-5.542	-7.565		
					TBQ=	-6.263	-6.118	-4.901	XBQ= -6.798	-5.116	-6.696		
												M= -7.113	14.225
												MG= -2.491	4.981
												MQ= -2.266	4.532

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K007B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT 7 AKSINA BENZERDIR

			ACIKLIK								MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka

									5.57	29.83	-7.66	-45.24	0.59	26.91
									4.49	19.26	-6.21	24.48	0.30	13.84
									9.20	7.40	31.37			0.00
					7.40	0.00	0.00							
K007B	90.0	51.0	1.36		14.83	0.11	8.12							
							10.55		5.45	29.83	-8.74	-38.86	0.50	22.74
									4.29	18.93	-6.76	15.49	0.19	8.59
									9.20	7.40	23.36			
									7.76	29.83	-11.76	-45.28	0.59	26.93
									7.06	22.31	-10.41	12.54	0.15	6.91
									7.49	7.40	23.12			
					10.93	0.00	0.00							
K008B	90.0	51.0	1.36		23.21	0.19	12.88							
							16.34		7.72	29.83	-11.76	-43.98	0.57	26.07
									7.05	22.26	-10.41	11.24	0.13	6.17
									7.49	7.40	21.81			
									4.91	21.06	-7.57	-22.57	0.59	19.02
									4.41	13.93	-6.70	1.50	0.04	1.15
									2.73	7.40	8.31			
					6.32	0.00	0.00							
K009B	90.0	36.0	1.36		13.15	0.20	10.35							
							11.88		5.39	21.06	-7.47	-22.08	0.57	18.56
									4.90	15.39	-6.70	1.18	0.03	0.91
									2.73	7.40	7.91			

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K010B

		ACIKLIK MOMENTLERI		KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 5.768	-11.536
											MG= 2.475	-4.950
											MQ= 1.440	-2.879
				TA=	15.647	15.866	14.427	XA= -17.304	-12.941	-16.977		
				TAG=	6.905	6.934	6.122	XAG= -7.424	-5.518	-7.415		
		XA= -17.304		TAQ=	3.737	3.850	3.661	XAQ= -4.319	-3.260	-4.122		
K010B	2.274	15.261	8.887									
		XB= -15.832		TB=	-10.074	-9.921	-8.091	XB= -16.147	-11.187	-16.977		
				TBG=	-4.758	-4.730	-3.616	XBG= -7.236	-4.871	-7.415		
				TBQ=	-2.133	-2.062	-1.893	XBQ= -3.761	-2.730	-4.122		
											M= 5.532	-5.532
											MG= 0.377	-0.377
											MQ= 3.127	-3.127
				TA=	17.365	17.674	10.676	XA= -21.684	-12.847	-16.110		
				TAG=	6.460	6.559	3.919	XAG= -7.991	-4.711	-5.948		
		XA= -21.509		TAQ=	5.200	5.307	3.244	XAQ= -6.560	-3.907	-4.864		
K011B	3.489	11.070	5.585									
		XB= -19.604		TB=	-14.444	-14.181	-10.770	XB= -19.646	-12.556	-16.110		
				TBG=	-5.593	-5.494	-3.918	XBG= -7.898	-4.551	-5.948		
				TBQ=	-4.134	-4.056	-3.302	XBQ= -5.893	-3.865	-4.864		
											M= -8.148	8.148
											MG= -2.486	2.486
											MQ= -2.917	2.917
				TA=	3.726	3.749	2.426	XA= -4.686	-2.812	-3.476		
				TAG=	1.938	1.937	1.208	XAG= -2.326	-1.358	-1.759		
		XA= -4.572		TAQ=	0.633	0.648	0.459	XAQ= -0.893	-0.569	-0.633		
K012B	3.499	2.255	1.510									
		XB= -4.584		TB=	-3.726	-3.755	-2.432	XB= -4.709	-2.832	-3.476		
				TBG=	-1.938	-1.940	-1.210	XBG= -2.335	-1.365	-1.759		
				TBQ=	-0.633	-0.650	-0.461	XBQ= -0.900	-0.576	-0.633		
											M= 8.919	-8.919
											MG= 2.712	-2.712
											MQ= 3.201	-3.201
				TA=	17.365	17.548	10.550	XA= -21.216	-12.442	-16.110		
				TAG=	6.460	6.492	3.851	XAG= -7.759	-4.513	-5.948		
		XA= -21.174		TAQ=	5.200	5.287	3.224	XAQ= -6.471	-3.827	-4.864		
K011B	3.471	11.067	5.577									
		XB= -19.950		TB=	-14.444	-14.310	-10.899	XB= -20.145	-12.990	-16.110		
				TBG=	-5.593	-5.561	-3.986	XBG= -7.538	-4.757	-5.948		
				TBQ=	-4.134	-4.078	-3.325	XBQ= -5.995	-3.956	-4.864		
											M= -4.401	4.401
											MG= 0.110	-0.110
											MQ= -2.847	2.847
				TA=	10.801	10.868	8.926	XA= -17.489	-12.055	-15.362		
				TAG=	5.024	5.082	3.946	XAG= -7.758	-5.218	-6.781		
		XA= -17.202		TAQ=	2.354	2.346	2.126	XAQ= -4.142	-2.969	-3.668		
K010B	4.195	16.452	9.586									
		XB= -17.158		TB=	-14.916	-14.909	-13.586	XB= -17.158	-13.058	-15.362		
				TBG=	-6.638	-6.581	-5.792	XBG= -7.374	-5.564	-6.781		
				TBQ=	-3.514	-3.560	-3.424	XBQ= -4.272	-3.293	-3.668		
											M= -5.719	11.439

MÜ= -2.458 4.916
MÜ= -1.424 2.848

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K010B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT N AKSINA BENZERDİR

	A C I K L I K									M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											6.12	14.25	-7.42	-21.13	0.57	12.54		
											3.66	14.43	-4.12	2.92	0.07	1.59		
											3.54	7.75	9.60			0.00		
				8.89	0.00	0.00												
K010B	43.0	51.0	1.36	15.26	0.40	8.78												
											3.62	14.25	-7.24	-22.49	0.61	13.44		
											1.89	9.05	-3.76	4.98	0.12	2.73		
											3.54	3.53	11.49					
											3.92	14.25	-5.95	-23.98	0.66	14.45		
											3.24	11.55	-4.86	7.81	0.20	4.34		
											4.39	3.53	13.16					
				5.58	0.00	0.00												
K011B	43.0	51.0	1.36	11.07	0.28	6.24												
						7.80					3.92	14.25	-5.95	-24.00	0.66	14.47		
											3.30	11.61	-4.86	7.83	0.20	4.35		
											4.39	3.53	13.19					
											1.21	10.06	-1.76	-7.59	0.40	6.18		
											0.46	3.40	-0.63	3.61	0.18	2.83		
											1.73	3.53	5.19			7.24		
				1.51	0.00	0.00												
K012B	43.0	36.0	1.36	2.25	0.11	1.75												
						2.58					1.21	10.06	-1.76	-7.59	0.40	6.18		
											0.46	3.40	-0.63	3.61	0.18	2.83		
											1.73	3.53	5.19					
											3.85	14.25	-5.95	-24.00	0.66	14.47		
											3.22	11.47	-4.86	7.83	0.20	4.35		
											4.39	3.53	13.19					
				5.58	0.00	0.00												
K011B	43.0	51.0	1.36	11.07	0.28	6.24												
						7.80					3.99	14.25	-5.95	-23.98	0.66	14.45		
											3.32	11.70	-4.86	7.81	0.20	4.34		
											4.39	3.53	13.16					
											3.95	14.25	-6.78	-21.94	0.60	13.07		
											2.13	9.61	-3.67	5.39	0.13	2.96		
											3.54	3.53	11.49					
				9.59	0.00	0.00												
K010B	43.0	51.0	1.36	16.45	0.43	9.52												
											5.79	14.25	-6.78	-20.05	0.54	11.82		
											3.42	13.59	-3.67	3.49	0.09	1.90		
											3.54	3.53	9.60					

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BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K013B

		ACIKLIK MOMENTLERI		KESME KUVVETLERI						MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER		UST	ALT
											M=	13.737	-27.474
											MG=	5.663	-11.325
											MQ=	3.631	-7.262
				TA=	39.628	39.742	36.403	XA=	-41.211	-30.282	-43.100		
				TAG=	16.685	16.610	14.901	XAG=	-16.988	-12.420	-18.009		
		XA= -41.211		TAQ=	10.169	10.305	9.713	XAQ=	-10.892	-8.058	-11.180		
K013B	2.274	41.004	23.204										
		XB= -40.448		TB=	-25.300	-25.332	-20.811	XB=	-41.152	-28.486	-43.100		
				TBG=	-11.157	-11.232	-8.831	XBG=	-17.491	-11.875	-18.009		
				TBQ=	-6.050	-6.004	-5.280	XBQ=	-10.415	-7.413	-11.180		
											M=	-8.009	16.018
											MG=	-2.098	4.195
											MQ=	-3.170	6.340
				TA=	22.854	23.447	14.266	XA=	-29.478	-17.754	-21.247		
				TAG=	8.822	9.017	5.380	XAG=	-11.198	-6.690	-8.085		
		XA= -28.631		TAQ=	6.565	6.765	4.209	XAQ=	-8.625	-5.243	-6.205		
K014B	3.510	14.544	7.218										
		XB= -25.733		TB=	-19.811	-19.446	-14.002	XB=	-25.965	-16.242	-21.247		
				TBG=	-7.955	-7.760	-5.187	XBG=	-9.833	-5.953	-8.085		
				TBQ=	-5.421	-5.364	-4.212	XBQ=	-7.625	-4.943	-6.205		
											M=	-5.747	11.495
											MG=	-1.329	2.657
											MQ=	-2.430	4.859
				TA=	9.976	10.109	6.133	XA=	-12.870	-7.815	-9.328		
				TAG=	4.860	4.855	2.803	XAG=	-5.847	-3.419	-4.396		
		XA= -12.213		TAQ=	1.982	2.070	1.381	XAQ=	-2.928	-1.893	-1.983		
K015B	3.498	6.105	3.523										
		XB= -12.256		TB=	-9.976	-10.133	-6.157	XB=	-12.966	-7.899	-9.328		
				TBG=	-4.860	-4.865	-2.813	XBG=	-5.880	-3.447	-4.396		
				TBQ=	-1.982	-2.076	-1.387	XBQ=	-2.959	-1.921	-1.983		
											M=	6.223	-12.447
											MG=	1.458	-2.916
											MQ=	2.614	-5.228
				TA=	22.854	22.924	13.743	XA=	-27.514	-16.052	-21.247		
				TAG=	8.822	8.742	5.105	XAG=	-10.253	-5.882	-8.085		
		XA= -27.283		TAQ=	6.565	6.679	4.123	XAQ=	-8.224	-4.885	-6.205		
K014B	3.454	14.525	7.181										
		XB= -27.135		TB=	-19.811	-19.987	-14.543	XB=	-28.069	-18.075	-21.247		
				TBG=	-7.955	-8.035	-5.463	XBG=	-10.815	-6.798	-8.085		
				TBQ=	-5.421	-5.461	-4.310	XBQ=	-8.080	-5.349	-6.205		
											M=	9.331	-18.661
											MG=	2.669	-5.338
											MQ=	3.496	-6.992
				TA=	26.926	27.517	23.066	XA=	-44.616	-30.857	-38.901		
				TAG=	11.799	12.089	9.697	XAG=	-18.823	-12.778	-16.360		
		XA= -43.964		TAQ=	6.504	6.621	5.932	XAQ=	-11.415	-8.105	-9.998		
K013B	4.195	43.926	24.847										
		XB= -40.896		TB=	-37.864	-37.408	-34.137	XB=	-40.896	-30.609	-38.901		
				TBG=	-16.024	-15.735	-14.036	XBG=	-16.877	-12.550	-16.360		
				TBQ=	-9.644	-9.612	-9.055	XBQ=	-10.792	-8.149	-9.998		
											M=	-13.632	27.264

NG= -5.626 11.251
MG= -3.597 7.195

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K013B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT M AKSINA BENZERDIR

	A C I K L I K									M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											14.90	29.83	-16.99	-45.17	0.59	26.86		
											9.71	36.40	-10.89	2.00	0.02	1.08		
											5.85	19.56	17.29			0.00		
				23.20	0.00	0.00												
K013B	90.0	51.0	1.36	41.00	0.32	23.24												
											8.83	29.83	-17.49	-45.42	0.59	27.03		
											5.28	20.81	-10.42	1.77	0.02	0.96		
											5.85	7.40	17.52					
											5.38	29.83	-8.09	-32.27	0.40	18.57		
											4.21	15.54	-6.20	10.70	0.13	5.87		
											5.95	7.40	17.98					
				7.22	0.00	0.00												
K014B	90.0	51.0	1.36	14.54	0.12	7.97												
						10.36					5.19	29.83	-8.09	-32.01	0.40	18.41		
											4.21	15.35	-6.20	10.44	0.12	5.73		
											5.95	7.40	17.72					
											2.80	29.83	-4.40	-24.11	0.30	13.62		
											1.38	10.09	-1.98	13.78	0.17	7.61		
											5.91	7.40	17.74			15.15		
				3.52	0.00	0.00												
K015B	90.0	51.0	1.36	6.11	0.05	3.31												
						7.43					2.81	29.83	-4.40	-24.11	0.30	13.62		
											1.39	10.11	-1.98	13.78	0.17	7.61		
											5.91	7.40	17.74			15.15		
											5.10	29.83	-8.09	-32.01	0.40	18.41		
											4.12	15.18	-6.20	10.44	0.12	5.73		
											5.95	7.40	17.72					
				7.18	0.00	0.00												
K014B	90.0	51.0	1.36	14.52	0.12	7.96												
						10.35					5.46	29.83	-8.09	-32.27	0.40	18.57		
											4.31	15.72	-6.20	10.70	0.13	5.87		
											5.95	7.40	17.98					
											9.70	29.83	-16.36	-43.87	0.57	26.00		
											5.93	23.07	-10.00	2.79	0.03	1.51		
											5.85	7.40	17.52					
				24.85	0.00	0.00												
K013B	90.0	51.0	1.36	43.93	0.34	25.01												
											14.04	29.83	-16.36	-43.65	0.56	25.85		
											9.05	34.14	-10.00	2.57	0.03	1.39		
											5.85	18.34	17.29					

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ L AKSI K016B

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 12.086	-24.173
											MG= 4.636	-9.271
											MQ= 3.498	-6.996
				TA=	38.287	37.538	29.998	XA= -36.259	-25.937	-39.611		
				TAG=	14.824	14.454	11.532	XAG= -13.907	-9.932	-15.358		
		XA= -36.259		TAQ=	10.958	10.814	8.658	XAQ= -10.494	-7.520	-11.319		
K016B	2.274	30.703	16.514									
		XB= -41.295		TB=	-26.730	-27.625	-22.081	XB= -41.999	-28.187	-39.611		
				TBG=	-10.848	-11.218	-8.491	XBG= -16.398	-10.788	-15.358		
				TBQ=	-7.215	-7.450	-6.371	XBQ= -11.902	-8.177	-11.319		
											M= -8.276	16.553
											MG= -1.752	3.505
											MQ= -3.639	7.279
				TA=	22.854	23.457	14.275	XA= -29.523	-17.794	-21.247		
				TAG=	8.822	9.005	5.368	XAG= -11.140	-6.638	-8.085		
		XA= -28.550		TAQ=	6.565	6.781	4.225	XAQ= -8.704	-5.313	-6.205		
K017B	3.507	14.565	7.205									
		XB= -25.772		TB=	-19.811	-19.463	-14.019	XB= -26.004	-16.272	-21.247		
				TBG=	-7.955	-7.772	-5.200	XBG= -9.860	-5.974	-8.085		
				TBQ=	-5.421	-5.364	-4.212	XBQ= -7.625	-4.943	-6.205		
											M= -5.760	11.521
											MG= -1.338	2.676
											MQ= -2.430	4.859
				TA=	9.976	10.109	6.133	XA= -12.870	-7.816	-9.328		
				TAG=	4.860	4.855	2.803	XAG= -5.847	-3.419	-4.396		
		XA= -12.210		TAQ=	1.982	2.070	1.381	XAQ= -2.928	-1.893	-1.983		
K018B	3.498	6.104	3.521									
		XB= -12.260		TB=	-9.976	-10.134	-6.158	XB= -12.971	-7.904	-9.328		
				TBG=	-4.860	-4.865	-2.813	XBG= -5.882	-3.450	-4.396		
				TBQ=	-1.982	-2.077	-1.388	XBQ= -2.960	-1.922	-1.983		
											M= 6.253	-12.505
											MG= 1.479	-2.958
											MQ= 2.614	-5.228
				TA=	22.854	22.965	13.783	XA= -27.605	-16.123	-21.247		
				TAG=	8.822	8.771	5.133	XAG= -10.319	-5.934	-8.085		
		XA= -27.374		TAQ=	6.565	6.679	4.123	XAQ= -8.224	-4.885	-6.205		
K017B	3.459	14.573	7.217									
		XB= -26.944		TB=	-19.811	-19.956	-14.512	XB= -27.921	-17.942	-21.247		
				TBG=	-7.955	-8.006	-5.434	XBG= -10.679	-6.676	-8.085		
				TBQ=	-5.421	-5.467	-4.315	XBQ= -8.106	-5.373	-6.205		
											M= 8.448	-16.896
											MG= 1.858	-3.715
											MQ= 3.655	-7.309
				TA=	28.949	30.489	21.069	XA= -41.821	-26.576	-34.457		
				TAG=	11.402	11.985	8.178	XAG= -16.252	-10.259	-13.425		
		XA= -41.168		TAQ=	8.117	8.569	6.013	XAQ= -11.917	-7.633	-9.789		
K016B	4.195	28.702	15.570									
		XB= -31.720		TB=	-31.153	-29.748	-25.899	XB= -31.720	-23.539	-34.457		
				TBG=	-12.489	-11.905	-10.012	XBG= -12.327	-9.053	-13.425		
				TBQ=	-8.543	-8.175	-7.427	XBQ= -9.039	-6.791	-9.789		
											M= -10.573	21.147

NG= -4.109 8.218
NG= -3.013 6.026

S.S. KARAKöY PERŞEMBE PAZARI TUCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ L AKSI K016B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT L AKSINA BENZERDIR

				ACIKLIK								MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asw	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asw	Mevu Meva	Eku Eka
											11.53	29.83	-13.91	-44.27	0.57	26.26		
											8.66	30.00	-10.49	7.35	0.09	4.01		
											6.80	16.11	19.87			0.00		
				16.51	0.00	0.00												
K016B	90.0	51.0	1.36	30.70	0.23	17.16												
											8.49	29.83	-15.36	-47.30	0.62	28.29		
											6.37	22.08	-11.32	6.80	0.08	3.70		
											6.80	7.40	20.62					
											5.37	29.83	-8.09	-34.04	0.43	19.68		
											4.23	16.25	-6.20	12.47	0.15	6.87		
											6.66	7.40	19.75					
				7.21	0.00	0.00												
K017B	90.0	51.0	1.36	14.57	0.12	7.98												
						10.37					5.20	29.83	-8.09	-34.47	0.43	19.95		
											4.21	16.07	-6.20	12.90	0.15	7.11		
											6.66	7.40	20.18					
											2.80	29.83	-4.40	-26.33	0.33	14.95		
											1.38	10.83	-1.98	16.00	0.19	8.88		
											6.65	7.40	19.95			15.15		
				3.52	0.00	0.00												
K018B	90.0	51.0	1.36	6.10	0.05	3.31												
						7.43					2.81	29.83	-4.40	-26.33	0.33	14.95		
											1.39	10.85	-1.98	16.00	0.19	8.88		
											6.65	7.40	19.95			15.15		
											5.13	29.83	-8.09	-34.48	0.43	19.96		
											4.12	15.92	-6.20	12.91	0.16	7.12		
											6.66	7.40	20.19					
				7.22	0.00	0.00												
K017B	90.0	51.0	1.36	14.57	0.12	7.98												
						10.38					5.43	29.83	-8.09	-34.05	0.43	19.69		
											4.32	16.41	-6.20	12.48	0.15	6.88		
											6.66	7.40	19.76					
											8.18	29.83	-13.42	-43.85	0.57	25.99		
											6.01	21.07	-9.79	8.55	0.10	4.67		
											6.81	7.40	20.64					
				15.57	0.00	0.00												
K016B	90.0	51.0	1.36	28.70	0.22	15.99												
						16.34					10.01	29.83	-12.33	-41.24	0.53	24.28		
											7.43	25.90	-9.04	8.78	0.10	4.80		
											6.81	7.40	19.88					

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ K AKSI K019B

		ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 7.450	-7.450
												MG= 2.614	-2.614
												MQ= 2.369	-2.369
					TA=	17.211	16.518	10.977	XA= -14.899	-10.357	-16.780		
					TAG=	6.153	5.843	3.869	XAG= -5.228	-3.621	-6.021		
			XA= -14.899		TAQ=	5.373	5.211	3.475	XAQ= -4.738	-3.305	-5.220		
K019B	3.160	11.201		5.349									
			XB= -19.559		TB=	-13.251	-14.079	-10.876	XB= -20.210	-13.170	-16.780		
					TBG=	-4.977	-5.287	-3.868	XBG= -7.311	-4.668	-6.021		
					TBQ=	-3.926	-4.173	-3.413	XBQ= -6.234	-4.147	-5.220		
												M= 3.324	-6.648
												MG= 0.108	-0.215
												MQ= 1.983	-3.967
					TA=	16.840	17.278	10.506	XA= -21.420	-12.781	-15.642		
					TAG=	6.086	6.218	3.739	XAG= -7.634	-4.525	-5.614		
			XA= -20.856		TAQ=	5.200	5.358	3.294	XAQ= -6.708	-4.029	-4.864		
K020B	3.497	10.968		5.219									
			XB= -18.627		TB=	-13.920	-13.620	-10.435	XB= -18.714	-11.904	-15.642		
					TBG=	-5.219	-5.086	-3.672	XBG= -6.705	-4.162	-5.614		
					TBQ=	-4.134	-4.062	-3.309	XBQ= -5.829	-3.798	-4.864		
												M= -5.276	10.552
												MG= -1.594	3.189
												MQ= -1.902	3.805
					TA=	3.207	3.255	2.133	XA= -4.235	-2.607	-3.012		
					TAG=	1.567	1.565	0.980	XAG= -1.922	-1.140	-1.428		
			XA= -3.996		TAQ=	0.633	0.665	0.476	XAQ= -0.965	-0.632	-0.633		
K021B	3.497	1.917		1.097									
			XB= -4.017		TB=	-3.207	-3.266	-2.144	XB= -4.279	-2.646	-3.012		
					TBG=	-1.567	-1.570	-0.985	XBG= -1.938	-1.154	-1.428		
					TBQ=	-0.633	-0.668	-0.479	XBQ= -0.978	-0.644	-0.633		
												M= 5.754	-11.507
												MG= 1.733	-3.465
												MQ= 2.080	-4.160
					TA=	16.840	16.961	10.190	XA= -20.201	-11.720	-15.642		
					TAG=	6.086	6.073	3.594	XAG= -7.136	-4.100	-5.614		
			XA= -20.115		TAQ=	5.200	5.287	3.223	XAQ= -6.381	-3.738	-4.864		
K020B	3.456	10.959		5.196									
			XB= -19.395		TB=	-13.920	-13.951	-10.766	XB= -20.029	-13.053	-15.642		
					TBG=	-5.219	-5.231	-3.817	XBG= -7.223	-4.607	-5.614		
					TBQ=	-4.134	-4.142	-3.389	XBQ= -6.198	-4.127	-4.864		
												M= 3.623	-7.245
												MG= 0.233	-0.466
												MQ= 2.060	-4.120
					TA=	16.286	17.648	10.876	XA= -22.162	-13.338	-17.042		
					TAG=	5.878	6.361	3.882	XAG= -7.922	-4.742	-6.098		
			XA= -21.576		TAQ=	5.035	5.464	3.401	XAQ= -6.919	-4.187	-5.315		
K019B	3.568	11.551		5.536									
			XB= -13.223		TB=	-14.360	-13.118	-10.962	XB= -13.223	-9.616	-17.042		
					TBG=	-5.307	-4.824	-3.855	XBG= -4.676	-3.349	-6.098		
					TBQ=	-4.332	-3.978	-3.478	XBQ= -4.173	-3.079	-5.315		
												M= -4.408	8.815

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MG= -1.559 3.117
MQ= -1.391 2.782

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ K AKSI K019B

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2 1. KAT K AKSINA BENZERDIR

				ACIKLIK							MESNET							
				MinM	Rou	Asu					Vg	Vcr	XG	Mu	Rou	Asu	Mevu	Eku
	B	D	Rob	MaxM	Roa	Asa	DUZ	PLIYE	MONTAJ	ETRIYE	Vq	Vd	XQ	Ma	Roa	Asa	Meva	Eka
						Asm		1. PLIYE			Ve	Asw	XE			Asm		
											3.87	14.25	-5.23	-27.00	0.76	16.57		
											3.48	12.28	-4.74	12.33	0.32	6.99		
											4.94	3.53	17.03			0.00		
				5.35	0.00	0.00												
K019B	43.0	51.0	1.36	11.20	0.08	6.10												
						7.80					3.87	14.25	-6.02	-23.57	0.65	14.18		
											3.41	12.22	-5.22	6.51	0.17	3.82		
											4.94	3.53	12.33					
											3.74	14.25	-5.61	-19.88	0.53	11.71		
											3.29	10.51	-4.86	4.35	0.11	2.38		
											3.17	3.53	9.40					
				5.22	0.00	0.00												
K020B	43.0	51.0	1.36	10.97	0.09	5.98												
						7.78					3.67	14.25	-5.61	-20.10	0.54	11.86		
											3.31	10.43	-4.86	4.57	0.11	2.50		
											3.17	3.53	9.62					
											0.98	10.06	-1.43	-5.91	0.31	4.74		
											0.48	2.74	-0.63	2.56	0.13	1.99		
											1.28	3.53	3.85			6.16		
				1.10	0.00	0.00												
K021B	43.0	36.0	1.36	1.92	0.03	1.47												
						2.58					0.98	10.06	-1.43	-5.92	0.31	4.75		
											0.48	2.74	-0.64	2.56	0.13	1.99		
											1.28	3.53	3.85			5.11		
											3.59	14.25	-5.61	-20.17	0.54	11.90		
											3.22	10.19	-4.86	4.64	0.12	2.54		
											3.20	3.53	9.69					
				5.20	0.00	0.00												
K020B	43.0	51.0	1.36	10.96	0.09	5.98												
						7.77					3.82	14.25	-5.61	-20.03	0.54	11.81		
											3.39	10.77	-4.86	4.50	0.11	2.46		
											3.20	3.53	9.55					
											3.88	14.25	-6.10	-20.87	0.56	12.36		
											3.40	10.88	-5.32	3.97	0.10	2.17		
											3.23	3.53	9.45					
				5.54	0.00	0.00												
K019B	43.0	51.0	1.36	11.55	0.08	6.29												
						7.80					3.85	14.25	-4.68	-18.64	0.50	10.91		
											3.48	10.96	-4.17	5.58	0.14	3.07		
											3.23	3.53	9.79					

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-18 KOTLU KAT KİRİŞLERİ

9TsOPs16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K001A

	ACIKLIK MOMENTLERI					KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN		IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
													M= 3.255	-3.255
													MG= 1.415	-1.415
													MQ= 0.796	-0.796
					TA=	7.518	7.034	5.017	XA=	-6.511	-4.576	-7.899		
					TAG=	3.380	3.148	2.178	XAG=	-2.830	-1.965	-3.479		
		XA=	-6.511		TAQ=	1.741	1.642	1.229	XAQ=	-1.593	-1.141	-1.893		
K001A	3.147	5.299		3.166										
		XB=	-9.765		TB=	-7.130	-7.657	-5.014	XB=	-9.973	-6.145	-7.899		
					TBG=	-3.275	-3.507	-2.190	XBG=	-4.396	-2.643	-3.479		
					TBQ=	-1.591	-1.716	-1.218	XBQ=	-2.386	-1.528	-1.893		
													M= -2.306	2.306
													MG= -0.389	0.389
													MQ= -1.101	1.101
					TA=	6.647	6.698	4.715	XA=	-8.734	-5.385	-6.583		
					TAG=	2.851	2.873	1.930	XAG=	-3.619	-2.182	-2.722		
		XA=	-8.648		TAQ=	1.660	1.672	1.259	XAQ=	-2.292	-1.456	-1.732		
K002A	3.515	4.496		2.542										
		XB=	-8.423		TB=	-6.647	-6.615	-4.632	XB=	-8.423	-5.115	-5.583		
					TBG=	-2.851	-2.828	-1.885	XBG=	-3.463	-2.049	-2.722		
					TBQ=	-1.660	-1.659	-1.246	XBQ=	-2.234	-1.404	-1.732		
													M= -4.211	4.211
													MG= -1.731	1.731
													MQ= -1.117	1.117

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K001A

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

2. KAT 4 AKSINA BENZERDİR

				ACIKLIK							MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Revu Reva	Eku Eka
											2.18	14.25	-2.83	-21.52	0.58	12.79		
											1.23	9.32	-1.59	14.55	0.38	8.34		
											5.91	3.53	17.09			0.00		
				3.17	0.00	0.00												
K001A	43.0	51.0	1.36	5.30	0.13	2.91												
						3.78					2.19	14.25	-3.48	-23.42	0.64	14.07		
											1.22	9.32	-1.89	14.91	0.39	8.56		
											5.91	3.53	18.05					
											1.93	10.06	-2.72	-12.21	0.68	10.46		
											1.26	5.87	1.73	5.30	0.23	4.23		

							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
							2.63	3.53	7.75			
				2.54	0.00	0.00						
K002A	43.0	36.0	1.36	4.50	0.23	3.56						
						4.62	1.89	10.06	-2.72	-12.48	0.69	10.72
							1.25	5.76	-1.73	5.57	0.29	4.45
							2.63	3.53	8.02			

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5A AKSI K011A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 0.000	0.000
											MG= 0.000	0.000
											MQ= 0.000	0.000
				TA=	16.751	13.081	12.394	XA= 0.000	0.000	0.000		
				TAG=	6.544	4.712	4.221	XAG= -0.000	0.000	0.000		
		XA= 0.000		TAQ=	4.743	4.053	4.053	XAQ= -0.000	0.000	0.000		
K011A	2.763	21.003	6.038									
		XB= -24.913		TB=	-17.435	-22.292	-21.302	XB= -32.963	-32.963	-31.972		
				TBG=	-6.729	-8.561	-7.989	XBG= -12.438	-12.438	-12.059		
				TBQ=	-5.009	-6.441	-6.324	XBQ= -9.719	-9.719	-9.431		
											M= 0.000	0.000
											MG= 0.000	0.000
											MQ= 0.000	0.000
				TA=	17.192	21.901	21.214	XA= -32.963	-32.963	-33.765		
				TAG=	6.727	8.504	8.013	XAG= -12.438	-12.438	-12.762		
		XA= -25.462		TAQ=	4.859	6.248	6.248	XAQ= -9.719	-9.719	-9.936		
K011	4.135	22.566	7.209									
		XB= -0.000		TB=	-17.192	-13.555	-12.868	XB= -0.000	0.000	0.000		
				TBG=	-6.727	-4.950	-4.459	XBG= 0.000	0.000	0.000		
				TBQ=	-4.859	-4.141	-4.141	XBQ= -0.000	0.000	0.000		
											M= 0.000	0.000
											MG= 0.000	0.000
											MQ= 0.000	0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5A AKSI K011A

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

				A C I K L I K							M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											4.22	23.20	0.00	0.00	0.00	0.00		
											4.05	12.39	0.00	0.00	0.00	0.00		
											0.00	5.75	0.00					
				6.04	0.00	0.00												
K011A	70.0	51.0	1.36	21.00	0.18	11.64												
						12.70												
											7.99	23.20	-12.44	-11.19	0.55	19.46		
											6.32	21.30	-9.72	-32.96	0.00	0.00		
											0.00	5.75	0.00			0.00		
											8.01	23.20	-12.44	-11.19	0.55	19.46		

							0.00	5.75	0.00			0.00
				7.21	0.00	0.00						
K011	70.0	51.0	1.36	22.57	0.19	12.53						
						12.70	4.46	23.20	0.00	0.00	0.00	0.00
							4.14	12.87	0.00	0.00	0.00	0.00
							0.00	5.75	0.00			

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi 5 AKSI K003A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI						MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN		IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER		UST	ALT
												M=	7.684	-7.684
												MG=	3.012	-3.012
												MQ=	2.167	-2.167
				TA=	16.364	15.550	11.116	XA=	-15.368	-11.092	-17.151			
				TAG=	6.726	6.309	4.376	XAG=	-6.023	-4.288	-6.917			
		XA= -15.368		TAQ=	4.342	4.198	3.119	XAQ=	-4.334	-3.180	-4.667			
K003A	3.192	11.014	5.914											
		XB= -20.845		TB=	-15.456	-16.381	-10.656	XB=	-21.370	-13.180	-17.151			
				TBG=	-6.506	-6.923	-4.306	XBG=	-8.827	-5.366	-6.917			
				TBQ=	-3.967	-4.181	-2.892	XBQ=	-5.632	-3.542	-4.667			
												M=	5.135	-5.135
												MG=	1.503	-1.503
												MQ=	-2.414	2.414
				TA=	18.442	18.844	11.937	XA=	-23.916	-14.494	-17.684			
				TAG=	9.574	9.740	5.892	XAG=	-11.834	-6.964	-8.876			
		XA= -23.153		TAQ=	3.149	3.255	2.305	XAQ=	-4.593	-2.965	-3.286			
K004A	3.542	12.604	8.504											
		XB= -21.457		TB=	-18.442	-18.200	-11.293	XB=	-21.457	-12.357	-17.684			
				TBG=	-9.574	-9.408	-5.560	XBG=	-10.672	-5.968	-8.876			
				TBQ=	-3.149	-3.143	-2.193	XBQ=	-4.073	-2.501	-3.286			
												M=	-10.729	10.729
												MG=	-5.336	5.336
												MQ=	-2.036	2.036

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi 5 AKSI K003A

MALZEME ÖZELLiKLERi

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

2. KAT 5 AKSINA BENZERDIR

				ACIKLIK							MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											4.38	29.83	-6.02	-78.25	1.12	51.62		
											3.12	26.99	-4.33	62.47	0.85	39.04		
											19.50	7.40	67.89			0.00		
				5.91	0.00	0.00												
K003A	90.0	51.0	1.36	11.01	0.08	6.00												
						7.80												
											4.31	29.83	-6.92	-59.69	0.81	36.99		
											2.89	26.70	-4.67	41.88	0.54	24.69		
											19.50	7.40	48.11					
											5.89	29.83	-8.88	-44.73	0.58	26.57		
											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

							[illegible]					
							10.96	7.40	32.57			
				8.50	0.00	0.00						
K004A	90.0	51.0	1.36	12.60	0.07	6.85						
						8.90	5.56	29.83	-8.88	-45.54	0.59	27.11
							2.19	18.71	-3.29	25.39	0.31	14.38
							10.96	7.40	33.38			

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K006A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMENTLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 10.597	-10.597
											MG= 3.861	-3.861
											MQ= 3.245	-3.245
				TA=	18.466	18.633	10.514	XA= -21.194	-11.878	-16.179		
				TAG=	6.787	6.807	3.833	XAG= -7.721	-4.318	-5.968		
		XA= -21.194		TAQ=	5.602	5.690	3.217	XAQ= -6.490	-3.645	-4.890		
K006A	3.466	11.093	5.609									
		XB= -20.020		TB=	-14.484	-14.340	-10.928	XB= -20.224	-13.054	-16.179		
				TBG=	-5.599	-5.580	-4.004	XBG= -7.585	-4.795	-5.968		
				TBQ=	-4.141	-4.080	-3.327	XBQ= -6.003	-3.963	-4.890		
											M= -4.200	4.200
											MG= 0.257	-0.257
											MQ= -2.850	2.850
				TA=	10.801	11.225	9.283	XA= -18.277	-12.664	-15.362		
				TAG=	5.024	5.236	4.100	XAG= -8.100	-5.482	-6.781		
		XA= -17.996		TAQ=	2.354	2.434	2.214	XAQ= -4.336	-3.119	-3.668		
K005A	4.195	17.165	10.010									
		XB= -15.537		TB=	-14.916	-14.550	-13.227	XB= -15.537	-11.535	-15.362		
				TBG=	-6.638	-6.427	-5.637	XBG= -6.677	-4.909	-6.781		
				TBQ=	-3.514	-3.470	-3.334	XBQ= -3.868	-2.914	-3.668		
											M= -7.768	7.768
											MG= -3.338	3.338
											MQ= -1.934	1.934

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K006A

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

2. KAT N AKSINA BENZERDIR

	A C I K L I K									M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											3.83	14.25	-5.97	-35.12	1.04	22.77		
											3.22	15.07	-4.89	18.89	0.50	11.07		
											8.02	8.10	24.26			0.00		
				5.61	0.00	0.00												
K006A	43.0	51.0	1.36	11.09	0.29	6.25												
						7.80												
											4.00	14.25	-5.97	-34.74	1.02	22.46		
											3.33	15.35	-4.89	18.51	0.49	10.83		
											8.02	8.25	23.88					
											4.10	14.25	-6.78	-29.22	0.83	18.19		

						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.15
				10.01	0.00	0.00	5.30	3.53	18.77		
K005A	43.0	51.0	1.36	17.17	0.45	9.37					
						5.64	14.25	-6.68	-23.09	0.63	13.85
						3.33	14.27	-3.67	6.73	0.17	3.72
						5.30	7.67	12.74			

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K008A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 14.082	-14.082
											MG= 6.235	-6.235
											MQ= 3.345	-3.345
				TA=	26.331	26.026	14.507	XA= -28.164	-15.151	-23.189		
				TAG=	11.946	11.639	6.440	XAG= -12.471	-6.651	-10.575		
		XA= -28.164		TAQ=	6.004	6.082	3.432	XAQ= -6.691	-3.650	-5.240		
K008A	3.412	16.232	9.672									
		XB= -30.303		TB=	-22.162	-22.810	-16.196	XB= -31.938	-20.533	-23.189		
				TBG=	-10.758	-11.065	-7.264	XBG= -14.621	-9.088	-10.575		
				TBQ=	-4.438	-4.574	-3.767	XBQ= -7.168	-4.881	-5.240		
											M= 11.924	-11.924
											MG= 2.606	-2.606
											MQ= 5.173	-5.173
				TA=	26.926	28.528	24.076	XA= -46.710	-32.446	-38.901		
				TAG=	11.799	12.536	10.144	XAG= -19.832	-13.564	-16.360		
		XA= -45.952		TAQ=	6.504	6.860	6.171	XAQ= -11.840	-8.410	-9.998		
K007A	4.195	46.103	26.031									
		XB= -36.207		TB=	-37.864	-36.415	-33.145	XB= -36.207	-26.193	-38.901		
				TBG=	-16.024	-15.287	-13.588	XBG= -14.875	-10.671	-16.360		
				TBQ=	-9.644	-9.383	-8.826	XBQ= -9.614	-7.033	-9.998		
											M= -18.104	18.104
											MG= -7.438	7.438
											MQ= -4.807	4.807

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K008A

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

2. KAT M AKSINA BENZERDIR

	A C I K L I K									M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											6.44	29.83	-10.57	-38.12	0.49	22.26		
											3.43	16.91	-5.24	12.79	0.15	7.05		
											7.04	7.40	22.31			0.00		
				9.67	0.00	0.00												
K008A	90.0	51.0	1.36	16.23	0.09	8.85												
						11.50												
											7.26	29.83	-10.57	-36.50	0.46	21.23		
											3.77	18.07	-5.24	11.17	0.13	6.14		
											7.04	7.40	20.69					
											10.14	29.83	-16.36	-47.53	0.62	28.44		
											5.17	24.08	10.08	5.45	0.04	3.51		

							6.17	24.08	10.00	0.40	0.08	3.31
				26.03	0.00	0.00	6.96	7.40	21.17			
K007A	90.0	51.0	1.36	46.10	0.36	26.33						
							13.59	29.83	-14.88	-44.69	0.58	26.55
							8.83	33.14	-9.61	6.82	0.08	3.71
							6.96	17.81	20.21			

9TsOPsi6.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi L AKSI K009A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI				KOLON MOMENTLERI		
	YER	MAX	MIN		IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER		UST	ALT
												M=	10.906	-10.906
												MG=	5.114	-5.114
												MQ=	2.341	-2.341
				TA=	14.053	14.879	11.584	XA=	-21.811	-14.371	-18.764			
				TAG=	6.929	7.353	5.393	XAG=	-10.228	-6.551	-8.726			
		XA= -21.811		TAQ=	2.721	2.866	2.521	XAQ=	-4.682	-3.250	-4.093			
K009A	4.195	20.884	12.776											
		XB= -16.258		TB=	-18.264	-17.438	-15.182	XB=	-16.258	-11.463	-18.764			
				TBG=	-8.588	-8.164	-6.796	XBG=	-7.376	-5.131	-8.725			
				TBQ=	-3.900	-3.755	-3.542	XBQ=	-3.708	-2.675	-4.093			
												M=	-8.129	8.129
												MG=	-3.688	3.688
												MQ=	-1.854	1.854

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi L AKSI K009A

MALZEME ÖZELLiKLERi

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

2. KAT L AKSINA BENZERDIK

A C I K L I K

M E S N E T

	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											5.39	29.83	-8.73	-37.12	0.47	21.62		
											2.52	15.79	-4.09	16.45	0.20	9.14		
				12.78	0.00	0.00					7.88	7.40	24.30			0.00		
K009A	90.0	51.0	1.36	20.88	0.11	11.42												
						14.85												
											6.80	29.83	-7.38	-34.21	0.43	19.78		
											3.54	18.22	-3.71	16.48	0.20	9.16		
											7.88	7.40	23.12					

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ E2 AKSI K010A

	ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
											M= 9.955	-9.955
											MG= 7.111	-7.111
											MQ= 0.000	-0.000
				TA= 12.251	12.251	11.112	XA=	-19.910	-19.910	-30.318		
				TAG= 8.751	8.751	7.937	XAG=	-14.222	-14.222	-21.656		
		XA= -19.910		TAQ= 0.000	0.000	0.000	XAQ=	0.000	0.000	0.000		
K010A	4.949	10.408	10.408									
		XB= -19.910		TB= -12.251	-12.251	-11.112	XB=	-19.910	-19.910	-30.318		
				TBG= -8.751	-8.751	-7.937	XBG=	-14.222	-14.222	-21.656		
				TBQ= -0.000	0.000	0.000	XBQ=	0.000	0.000	0.000		
											M= -9.955	9.955
											MG= -7.111	7.111
											MQ= 0.000	-0.000

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ E2 AKSI K010A

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

2. KAT E2 AKSINA BENZERDIR

	A C I K L I K											M E S N E T									
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											7.94	20.93	-14.22	-3.14	0.48	15.45		
											0.00	11.11	0.00	-23.88	0.00	0.00		
				10.41	0.00	0.00					1.94	5.75	9.66			0.00		
K010A	70.0	46.0	1.36	10.41	0.20	6.41												
						8.33												
											7.94	20.93	-14.22	-2.14	0.50	16.16		
											0.00	11.11	0.00	-24.88	0.00	0.00		
											1.94	5.75	10.66					

+6 KOTLU KAT KİRİŞLERİ

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K701

		ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMENTLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 7.351	-7.351
												MG= 2.683	-2.683
												MQ= 2.247	-2.247
					TA=	16.327	15.409	12.045	XA= -14.702	-11.235	-20.702		
					TAG=	6.110	5.747	4.390	XAG= -5.365	-4.072	-7.621		
			XA= -14.702		TAQ=	4.858	4.602	3.687	XAQ= -4.494	-3.459	-6.271		
K701	3.200	12.470		6.327									
			XB= -20.926		TB=	-15.371	-16.319	-12.744	XB= -21.072	-15.360	-20.702		
					TBG=	-5.827	-6.190	-4.677	XBG= -7.828	-5.662	-7.621		
					TBQ=	-4.508	-4.783	-3.873	XBQ= -6.320	-4.646	-6.271		
												M= -8.665	8.665
												MG= -2.706	2.706
												MQ= -3.048	3.048
					TA=	3.726	3.814	2.828	XA= -5.095	-3.760	-4.360		
					TAG=	1.938	1.938	1.379	XAG= -2.417	-1.738	-2.207		
			XA= -4.681		TAQ=	0.633	0.688	0.561	XAQ= -1.070	-0.829	-0.794		
K702	3.500	2.151		1.236									
			XB= -4.682		TB=	-3.726	-3.814	-2.828	XB= -5.096	-3.761	-4.360		
					TBG=	-1.938	-1.938	-1.379	XBG= -2.417	-1.738	-2.207		
					TBQ=	-0.633	-0.688	-0.561	XBQ= -1.070	-0.829	-0.794		
												M= 8.668	-8.668
												MG= 2.707	-2.707
												MQ= 3.049	-3.049
					TA=	15.385	16.335	12.743	XA= -21.080	-15.362	-20.547		
					TAG=	5.831	6.195	4.677	XAG= -7.830	-5.662	-7.575		
			XA= -20.933		TAQ=	4.514	4.789	3.872	XAQ= -6.323	-4.647	-6.214		
K701	3.575	12.470		6.327									
			XB= -14.699		TB=	-16.312	-15.392	-12.046	XB= -14.699	-11.236	-20.547		
					TBG=	-6.106	-5.742	-4.391	XBG= -5.364	-4.072	-7.575		
					TBQ=	-4.853	-4.596	-3.687	XBQ= -4.493	-3.459	-6.214		
												M= -7.349	7.349
												MG= -2.682	2.682
												MQ= -2.247	2.247

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K701

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

10. KAT 4 AKSINA BENZERDİR

			ACIKLIK							MESNET							
B	D	Rob	NinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
										4.39	14.85	-5.37	-15.70	0.41	9.05		

				6.33	0.00	0.00
K701	43.0	51.0	1.36	12.47	0.32	7.08
						7.80

				1.24	0.00	0.00
K702	43.0	36.0	1.36	2.15	0.11	1.67
						2.58

				6.33	0.00	0.00
K701	43.0	51.0	1.36	12.47	0.32	7.08
						7.80

3.69	12.05	-4.49	1.01	0.02	0.55
1.94	3.53	5.84			0.00

4.68	14.25	-7.62	-0.69	0.56	12.25
3.87	12.74	-6.27	-20.70	0.00	0.00
1.94	3.53	6.17			

1.38	10.06	-2.21	-5.57	0.29	4.45
0.56	2.83	-0.83	0.55	0.03	0.42
0.81	3.53	2.54			6.01

1.38	10.06	-2.21	-5.57	0.29	4.45
0.56	2.83	-0.83	0.55	0.03	0.42
0.81	3.53	2.54			5.11

4.68	14.25	-7.57	-0.65	0.55	12.15
3.87	12.74	-6.21	-20.55	0.00	0.00
1.94	3.53	6.17			

4.39	14.25	-5.36	-15.70	0.41	9.05
3.69	12.05	-4.49	1.02	0.02	0.55
1.94	3.53	5.84			

9TsOPs16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K703

		ACIKLIK MOMENTLERI			KESME KUVVETLERI					MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP			MIN	DUZ	SER	UST	ALT
													N= 8.107	-8.107
													MG= 2.960	-2.960
													MQ= 2.477	-2.477
					TA=	21.763	19.837	15.076	XA=	-16.214	-11.751	-27.246		
					TAG=	8.416	7.549	5.551	XAG=	-5.920	-4.221	-10.330		
		XA= -16.214			TAQ=	6.238	5.793	4.565	XAQ=	-4.954	-3.650	-7.990		
K703	3.100	17.249		8.363										
		XB= -29.261			TB=	-20.620	-22.912	-17.733	XB=	-31.133	-23.113	-27.246		
					TBG=	-8.113	-8.979	-6.675	XBG=	-11.791	-8.649	-10.330		
					TBQ=	-5.789	-6.463	-5.242	XBQ=	-9.140	-6.878	-7.990		
													N= -6.655	6.655
													MG= -0.569	0.569
													MQ= -3.661	3.661
					TA=	21.293	21.682	16.491	XA=	-28.838	-21.249	-26.616		
					TAG=	8.376	8.376	6.070	XAG=	-10.653	-7.722	-10.130		
		XA= -26.954			TAQ=	5.979	6.222	4.995	XAQ=	-8.702	-6.524	-7.771		
K704	3.500	15.062		6.373										
		XB= -26.955			TB=	-21.293	-21.683	-16.491	XB=	-28.839	-21.250	-26.616		
					TBG=	-8.376	-8.376	-6.070	XBG=	-10.654	-7.722	-10.130		
					TBQ=	-5.979	-6.223	-4.996	XBQ=	-8.702	-6.525	-7.771		
													N= 6.658	-6.658
													MG= 0.570	-0.570
													MQ= 3.662	-3.662
					TA=	20.637	22.930	17.731	XA=	-31.141	-23.115	-27.069		
					TAG=	8.116	8.983	6.675	XAG=	-11.794	-8.649	-10.282		
		XA= -29.269			TAQ=	5.796	6.471	5.241	XAQ=	-9.144	-6.879	-7.922		
K703	3.675	17.248		8.362										
		XB= -16.211			TB=	-21.745	-19.818	-15.078	XB=	-16.211	-11.752	-27.069		
					TBG=	-8.411	-7.544	-5.552	XBG=	-5.919	-4.222	-10.282		
					TBQ=	-6.231	-5.785	-4.566	XBQ=	-4.953	-3.651	-7.922		
													N= -8.105	8.105
													MG= -2.960	2.960
													MQ= -2.476	2.476

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K703

MALZEME ÖZELLiKLERi

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

10. KAT 5 AKSINA BENZERDIR

A C I K L I K										M E S N E T								
B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka	

								5.55	29.83	-5.92	-21.48	0.26	12.08
								4.57	15.08	-4.95	5.30	0.06	2.88
								3.52	7.40	10.63			0.00
				8.36	0.00	0.00							
K703	90.0	51.0	1.36	17.25	0.13	9.47		6.68	29.83	-10.33	-29.52	0.37	16.88
						12.31		5.24	17.73	-7.99	1.90	0.02	1.03
								3.52	7.40	11.20			
								6.07	29.83	-10.13	-29.63	0.37	16.95
								5.00	16.49	-7.77	2.61	0.03	1.41
				6.37	0.00	0.00		3.64	7.40	11.73			
K704	90.0	51.0	1.36	15.06	0.12	8.26							
						10.74							
								6.07	29.83	-10.13	-29.13	0.36	16.64
								5.00	16.49	-7.77	2.11	0.02	1.14
								3.64	7.40	11.23			
								6.67	29.83	-10.28	-29.87	0.37	17.10
								5.24	17.73	-7.92	2.41	0.03	1.30
				8.36	0.00	0.00		3.59	7.40	11.66			
K703	90.0	51.0	1.36	17.25	0.13	9.47							
						12.31							
								5.55	29.83	-5.92	-21.48	0.26	12.07
								4.57	15.08	-4.95	5.29	0.06	2.87
								3.59	7.40	10.61			15.15

9TsOPs16.66He10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K705

		ACIKLIK MOMENTLERI			KESME KUVVETLERI				MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 8.090	-8.090
												MG= 2.955	-2.955
												MQ= 2.471	-2.471
					TA= 21.721	19.799	15.046	XA= -16.181	-11.726	-27.192			
					TAG= 8.403	7.537	5.542	XAG= -5.910	-4.214	-10.313			
			XA= -16.181		TAQ= 6.224	5.779	4.554	XAQ= -4.942	-3.642	-7.971			
K705	3.100	17.213		8.347									
			XB= -29.207		TB= -20.582	-22.871	-17.699	XB= -31.079	-23.074	-27.192			
					TBG= -8.101	-8.966	-6.665	XBG= -11.775	-8.637	-10.313			
					TBQ= -5.775	-6.449	-5.230	XBQ= -9.121	-6.864	-7.971			
												M= -6.630	6.630
												MG= -0.561	0.561
												MQ= -3.652	3.652
					TA= 21.293	21.681	16.490	XA= -28.831	-21.243	-26.616			
					TAG= 8.376	8.376	6.070	XAG= -10.652	-7.720	-10.130			
			XA= -26.952		TAQ= 5.979	6.222	4.995	XAQ= -8.699	-6.522	-7.771			
K706	3.500	15.064		6.377									
			XB= -26.953		TB= -21.293	-21.682	-16.490	XB= -28.833	-21.244	-26.616			
					TBG= -8.376	-8.376	-6.070	XBG= -10.652	-7.721	-10.130			
					TBQ= -5.979	-6.222	-4.995	XBQ= -8.700	-6.522	-7.771			
												M= 6.633	-6.633
												MG= 0.562	-0.562
												MQ= 3.654	-3.654
					TA= 20.598	22.889	17.697	XA= -31.087	-23.076	-27.016			
					TAG= 8.104	8.970	6.665	XAG= -11.777	-8.637	-10.265			
			XA= -29.216		TAQ= 5.783	6.456	5.229	XAQ= -9.124	-6.865	-7.903			
K705	3.675	17.213		8.347									
			XB= -16.178		TB= -21.703	-19.779	-15.047	XB= -16.178	-11.727	-27.016			
					TBG= -8.398	-7.532	-5.542	XBG= -5.909	-4.214	-10.265			
					TBQ= -6.216	-5.772	-4.555	XBQ= -4.941	-3.642	-7.903			
												M= -8.089	8.089
												MG= -2.954	2.954
												MQ= -2.470	2.470

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K705

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

10. KAT 6 AKSINA BENZERDIR

ACIKLIK									MESNET							
B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Meva Meva	Eku Eka

							5.54	29.83	-5.91	-20.93	0.26	11.73
							4.55	15.05	-4.94	4.74	0.06	2.57
							3.41	7.40	10.06			0.00
				8.35	0.00	0.00						
K705	90.0	51.0	1.36	17.21	0.13	9.45						
						12.28						
							6.66	29.83	-10.31	-29.36	0.37	16.79
							5.23	17.70	-7.97	1.79	0.02	0.97
							3.41	7.40	11.08			
							6.07	29.83	-10.13	-28.56	0.36	16.30
							4.99	16.49	-7.77	1.54	0.02	0.83
				6.38	0.00	0.00	3.46	7.40	10.66			
K706	90.0	51.0	1.36	15.06	0.12	8.26						
						10.74						
							6.07	29.83	-10.13	-29.04	0.36	16.59
							4.99	16.49	-7.77	2.02	0.02	1.09
							3.46	7.40	11.14			
							6.66	29.83	-10.27	-28.79	0.36	16.44
							5.23	17.70	-7.90	1.38	0.02	0.74
							3.34	7.40	10.62			
				8.35	0.00	0.00						
K705	90.0	51.0	1.36	17.21	0.13	9.45						
						12.28						
							5.54	29.83	-5.91	-20.93	0.26	11.74
							4.55	15.05	-4.94	4.76	0.06	2.58
							3.34	7.40	10.08			15.15

9TsOPs16.66Hs10VK3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ H AKSI K709

	ACIKLIK MOMENTLERI				KESME KUVVETLERI						MESNET MOMENTLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP				MIN	DUZ	SER	UST	ALT
														M= 1.693	-1.693
														MG= 0.878	-0.878
														MQ= 0.289	-0.289
					TA=	4.467	4.024	2.822	XA=	-3.385	-2.480	-5.306			
			XA= -3.385		TAG=	2.438	2.161	1.482	XAG=	-1.757	-1.271	-2.863			
K709	3.055	2.892		1.880	TAQ=	0.659	0.624	0.467	XAQ=	-0.578	-0.438	-0.811			
			XB= -6.383		TB=	-4.366	-5.008	-3.580	XB=	-7.362	-5.609	-5.306			
					TBG=	-2.418	-2.625	-1.856	XBG=	-3.631	-2.687	-2.863			
					TBQ=	-0.613	-0.772	-0.613	XBQ=	-1.424	-1.154	-0.811			
														M= 7.345	-7.345
														MG= 2.036	-2.036
														MQ= 2.809	-2.809
					TA=	17.365	17.619	12.234	XA=	-20.876	-14.709	-20.208			
			XA= -20.746		TAG=	6.460	6.530	4.480	XAG=	-7.704	-5.418	-7.461			
K710	3.480	11.676		5.831	TAQ=	5.200	5.298	3.726	XAQ=	-6.307	-4.453	-6.102			
			XB= -19.159		TB=	-14.444	-14.253	-12.455	XB=	-19.331	-14.342	-20.208			
					TBG=	-5.593	-5.523	-4.538	XBG=	-7.215	-5.282	-7.461			
					TBQ=	-4.134	-4.075	-3.813	XBQ=	-5.768	-4.342	-6.102			
														M= -7.143	7.143
														MG= -2.027	2.027
														MQ= -2.691	2.691
					TA=	4.510	4.689	3.264	XA=	-6.596	-4.955	-5.238			
			XA= -5.682		TAG=	2.498	2.489	1.651	XAG=	-3.161	-2.290	-2.834			
K711	3.491	2.479		1.226	TAQ=	0.633	0.752	0.595	XAQ=	-1.357	-1.093	-0.794			
			XB= -5.769		TB=	-4.510	-4.732	-3.306	XB=	-6.767	-5.111	-5.238			
					TBG=	-2.498	-2.507	-1.669	XBG=	-3.224	-2.346	-2.834			
					TBQ=	-0.633	-0.763	-0.606	XBQ=	-1.409	-1.142	-0.794			
														M= 7.759	-7.759
														MG= 2.210	-2.210
														MQ= 2.916	-2.916
					TA=	17.365	17.585	12.200	XA=	-20.769	-14.614	-20.208			
			XA= -20.601		TAG=	6.460	6.513	4.463	XAG=	-7.643	-5.364	-7.461			
K710	3.472	11.675		5.831	TAQ=	5.200	5.292	3.720	XAQ=	-6.293	-4.440	-6.102			
			XB= -19.307		TB=	-14.444	-14.286	-12.488	XB=	-19.438	-14.437	-20.208			
					TBG=	-5.593	-5.541	-4.556	XBG=	-7.277	-5.337	-7.461			
					TBQ=	-4.134	-4.081	-3.819	XBQ=	-5.782	-4.353	-6.102			
														M= -6.696	6.696
														MG= -1.844	1.844
														MQ= -2.572	2.572
					TA=	4.364	4.977	3.551	XA=	-7.221	-5.479	-5.295			
			XA= -6.324		TAG=	2.418	2.686	1.848	XAG=	-3.589	-2.649	-2.861			
K709	3.711	2.906		1.913	TAQ=	0.612	0.760	0.603	XAQ=	-1.373	-1.107	-0.806			
			XB= -3.407		TB=	-4.465	-4.034	-2.834	XB=	-3.407	-2.499	-5.295			
					TBG=	-2.437	-2.169	-1.491	XBG=	-1.772	-1.284	-2.861			
					TBQ=	-0.658	-0.623	-0.467	XBQ=	-0.578	-0.438	-0.806			
														M= -1.703	1.703
														MG= -0.886	0.886

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S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K709

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

10. KAT N AKSINA BENZERDİR

	AÇIKLIK									MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ 1. PLIYE	PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											1.48 0.47 1.84	14.25 3.79 3.53	-1.76 -0.58 5.63	-7.96 4.04	0.20 0.10	4.42 2.21 0.00		
K709	43.0	51.0	1.36	1.88 2.89	0.00 0.07	0.00 1.57 3.55												
											1.86 0.61 1.84	14.25 4.31 3.53	-2.86 -1.15 5.80	-9.81 3.22	0.25 0.08	5.50 1.75 7.15		
											4.48 3.73 1.89	14.25 12.23 3.53	-7.46 -6.10 5.96	-0.76 -20.21	0.54 0.00	11.93 0.00		
K710	43.0	51.0	1.36	5.83 11.68	0.00 0.30	0.00 6.60 7.80												
											4.54 3.81 1.89	14.25 12.46 3.53	-7.22 -5.77 5.95	-0.55 -19.33	0.52 0.00	11.36 0.00		
											1.65 0.59 1.89	14.25 4.14 3.53	-2.83 -1.09 5.94	-9.87 3.39	0.25 0.08	5.53 1.85 7.19		
K711	43.0	51.0	1.36	1.23 2.48	0.00 0.06	0.00 1.35 3.55												
											1.67 0.61 1.89	14.25 4.16 3.53	-2.83 -1.14 5.94	-9.91 3.39	0.25 0.08	5.56 1.85 7.23		
											4.46 3.72 1.89	14.25 12.20 3.53	-7.46 -6.10 5.95	-0.77 -20.21	0.54 0.00	11.93 0.00		
K710	43.0	51.0	1.36	5.83 11.67	0.00 0.30	0.00 6.60 7.80												
											4.56 3.82 1.89	14.25 12.49 3.53	-7.28 -5.78 5.96	-0.59 -19.44	0.52 0.00	11.42 0.00		
											1.85 0.60 1.84	14.25 4.29 3.53	-2.86 -1.11 5.80	-9.76 3.22	0.25 0.08	5.47 1.75 7.11		
K709	43.0	51.0	1.36	1.91 2.91	0.00 0.07	0.00 1.58 3.55												
											1.49 0.47 1.84	14.25 3.80 3.53	-1.77 -0.58 5.63	-7.98 4.03	0.20 0.10	4.43 2.20 6.01		

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K712

		AÇIKLIK MOMENTLERİ			KESME KUVVETLERİ				MESNET MOMENTLERİ			KOLON MOMENTLERİ	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 8.110	-8.110
												MG= 2.958	-2.958
												MQ= 2.481	-2.481
					TA=	23.306	21.528	14.906	XA= -16.220	-11.377	-26.912		
					TAG=	8.854	8.026	5.499	XAG= -5.915	-4.110	-10.233		
		XA= -16.220			TAQ=	6.819	6.432	4.505	XAQ= -4.962	-3.515	-7.866		
K712	3.080	17.118		8.299									
		XB= -28.272			TB=	-19.048	-21.201	-17.846	XB= -30.187	-22.766	-26.912		
					TBG=	-7.662	-8.490	-6.708	XBG= -11.525	-8.553	-10.233		
					TBQ=	-5.201	-5.822	-5.285	XBQ= -8.782	-6.745	-7.866		
												M= -6.071	6.071
												MG= -0.353	0.353
												MQ= -3.486	3.486
					TA=	22.854	23.486	16.418	XA= -29.314	-21.094	-26.652		
					TAG=	8.822	8.905	6.064	XAG= -10.820	-7.703	-10.142		
		XA= -27.521			TAQ=	6.565	6.887	4.955	XAQ= -8.854	-6.443	-7.783		
K713	3.488	15.117		6.478									
		XB= -25.698			TB=	-19.811	-19.949	-16.618	XB= -27.623	-20.640	-26.652		
					TBG=	-7.955	-7.872	-6.096	XBG= -10.242	-7.486	-10.142		
					TBQ=	-5.421	-5.580	-5.052	XBQ= -8.303	-6.350	-7.783		
												M= 5.880	-5.880
												MG= 0.190	-0.190
												MQ= 3.509	-3.509
					TA=	22.810	23.367	16.313	XA= -28.897	-20.718	-26.600		
					TAG=	8.808	8.854	6.017	XAG= -10.621	-7.522	-10.126		
		XA= -27.100			TAQ=	6.549	6.857	4.930	XAQ= -8.767	-6.367	-7.765		
K714	3.477	15.196		6.574									
		XB= -25.798			TB=	-19.776	-19.989	-16.660	XB= -27.727	-20.731	-26.600		
					TBG=	-7.944	-7.898	-6.123	XBG= -10.301	-7.537	-10.126		
					TBQ=	-5.409	-5.582	-5.055	XBQ= -8.316	-6.362	-7.765		
												M= 5.765	-5.765
												MG= 0.130	-0.130
												MQ= 3.489	-3.489
					TA=	22.854	23.336	16.268	XA= -28.792	-20.624	-26.652		
					TAG=	8.822	8.831	5.990	XAG= -10.562	-7.471	-10.142		
		XA= -26.999			TAQ=	6.565	6.858	4.926	XAQ= -8.753	-6.353	-7.783		
K713	3.466	15.117		6.481									
		XB= -26.227			TB=	-19.811	-20.097	-16.766	XB= -28.141	-21.107	-26.652		
					TBG=	-7.955	-7.946	-6.170	XBG= -10.501	-7.720	-10.142		
					TBQ=	-5.421	-5.608	-5.080	XBQ= -8.399	-6.437	-7.783		
												M= 6.862	-6.862
												MG= 0.681	-0.681
												MQ= 3.693	-3.693
					TA=	22.171	24.570	17.516	XA= -31.369	-22.769	-27.149		
					TAG=	8.552	9.451	6.614	XAG= -11.864	-8.556	-10.303		
		XA= -29.586			TAQ=	6.374	7.087	5.160	XAQ= -9.224	-6.744	-7.953		
K714	3.652	17.080		8.311									
		XB= -15.693			TB=	-20.131	-18.080	-15.211	XB= -15.693	-11.625	-27.149		
					TBG=	-7.950	-7.051	-5.592	XBG= -5.777	-4.190	-10.303		
					TBQ=	-5.625	-5.130	-4.613	XBQ= -4.754	-3.599	-7.953		
												M= -7.847	7.847
												MG= -2.888	2.888
												MQ= [illegible]	[illegible]

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S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K712

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

10. KAT M AKSINA BENZERDİR

	AÇIKLIK										MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											5.50	29.83	-5.92	-20.97	0.26	11.77		
											4.50	14.91	-4.96	4.77	0.06	2.59		
				8.30	0.00	0.00					3.35	7.40	10.10			0.00		
K712	90.0	51.0	1.36	17.12	0.13	9.39												
						12.21												
											6.71	29.83	-10.23	-28.76	0.36	16.42		
											5.28	17.85	-7.87	1.45	0.02	0.78		
											3.35	7.40	10.66					
											6.06	29.83	-10.14	-29.07	0.36	16.61		
											4.96	16.42	-7.78	2.02	0.02	1.09		
				6.48	0.00	0.00					3.53	7.40	11.14					
K713	90.0	51.0	1.36	15.12	0.12	8.29												
						10.78												
											6.10	29.83	-10.14	-29.04	0.36	16.59		
											5.05	16.62	-7.78	1.99	0.02	1.07		
											3.53	7.40	11.11					
											6.02	29.83	-10.13	-29.01	0.36	16.57		
											4.93	16.31	-7.76	2.00	0.02	1.08		
				6.57	0.00	0.00					3.53	7.40	11.11					
K714	90.0	51.0	1.36	15.20	0.12	8.33												
						10.83												
											6.12	29.83	-10.13	-29.01	0.36	16.57		
											5.05	16.66	-7.76	2.00	0.02	1.08		
											3.53	7.40	11.11					
											5.99	29.83	-10.14	-29.04	0.36	16.59		
											4.93	16.27	-7.78	1.99	0.02	1.07		
											3.53	7.40	11.11					
				6.48	0.00	0.00												
K713	90.0	51.0	1.36	15.12	0.12	8.29												
						10.78												
											6.17	29.83	-10.14	-29.07	0.36	16.61		
											5.08	16.77	-7.78	2.02	0.02	1.09		
											3.53	7.40	11.14					
											6.61	29.83	-10.30	-28.91	0.36	16.51		
											5.16	17.52	-7.95	1.38	0.02	0.75		
				8.31	0.00	0.00					3.35	7.40	10.66					
K714	90.0	51.0	1.36	17.08	0.13	9.37												
						12.18												
											5.59	29.83	-5.78	-20.63	0.25	11.56		
											4.61	15.21	-4.75	4.90	0.06	2.66		
											3.35	7.40	10.10			15.03		

0.00 KOTLU KAT KİRİŞLERİ

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K501

	AÇIKLIK MOMENTLERİ				KESME KUVVETLERİ				MESNET MOMENTLERİ			KOLON MOMENTLERİ	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 8.053	-8.053
												MG= 2.960	-2.960
												MQ= 2.444	-2.444
					TA= 16.366	15.722	11.977	XA=	-16.107	-12.177	-19.456		
					TAG= 6.117	5.876	4.387	XAG=	-5.919	-4.450	-7.161		
			XA= -16.107		TAQ= 4.876	4.685	3.647	XAQ=	-4.887	-3.716	-5.895		
K501	3.238	11.755		6.034									
			XB= -20.454		TB= -15.310	-15.954	-11.842	XB=	-20.454	-14.072	-19.456		
					TBG= -5.804	-6.045	-4.336	XBG=	-7.543	-5.130	-7.161		
					TBQ= -4.490	-4.682	-3.607	XBQ=	-6.179	-4.306	-5.895		
												M= -10.227	10.227
												MG= -3.774	3.774
												MQ= -3.089	3.089

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4 AKSI K501

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

8. KAT 4 AKSINA BENZERDİR

	A Ç I K L I K										M E S N E T							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											4.39	14.25	-5.92	-19.15	0.51	11.24		
											3.65	11.98	-4.89	3.02	0.07	1.64		
				6.03	0.00	0.00					2.78	3.53	8.35			0.00		
K501	43.0	51.0	1.36	11.75	0.30	6.65												
						7.80												
											4.34	14.25	-7.16	-21.69	0.59	12.91		
											3.61	11.84	-5.89	2.19	0.05	1.19		
											2.78	3.53	8.64					

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K502

	AÇIKLIK MOMENTLERI			KESME KUVVETLERI						MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX	MIN		IZOSTATIK	MAX MIN	HESAP			MIN	DUZ	SER	UST	ALT
													M= 9.291	-9.291
													MG= 3.428	-3.428
													MQ= 2.807	-2.807
				TA=	21.801	20.309	15.063	XA=	-18.581	-13.504	-25.602			
		XA= -18.581		TAG=	8.416	7.748	5.583	XAG=	-6.856	-4.919	-9.704			
K502	3.148	15.987	8.011	TAQ=	6.262	5.913	4.529	XAQ=	-5.614	-4.136	-7.510			
		XB= -28.650		TB=	-20.539	-22.238	-16.355	XB=	-29.670	-20.775	-25.602			
				TBG=	-8.081	-8.749	-6.180	XBG=	-11.361	-7.861	-9.704			
				TBQ=	-5.766	-6.244	-4.815	XBQ=	-8.603	-6.105	-7.510			
													M= -6.258	6.258
													MG= -0.113	0.113
													MQ= -3.812	3.812
				TA=	20.438	20.655	14.899	XA=	-27.075	-18.813	-23.613			
		XA= -26.042		TAG=	8.898	8.898	6.107	XAG=	-11.135	-7.575	-9.930			
K503	3.500	14.037	7.386	TAQ=	4.987	5.123	3.968	XAQ=	-7.179	-5.130	-6.069			
		XB= -26.043		TB=	-20.438	-20.655	-14.900	XB=	-27.076	-18.814	-23.613			
				TBG=	-8.898	-8.898	-6.107	XBG=	-11.135	-7.575	-9.930			
				TBQ=	-4.988	-5.123	-3.968	XBQ=	-7.180	-5.130	-6.069			
													M= 6.262	-6.262
													MG= 0.114	-0.114
													MQ= 3.814	-3.814
				TA=	20.556	22.257	16.353	XA=	-29.679	-20.776	-25.422			
		XA= -28.659		TAG=	8.085	8.753	6.179	XAG=	-11.363	-7.862	-9.655			
K502	3.602	15.987	8.011	TAQ=	5.773	6.252	4.814	XAQ=	-8.607	-6.106	-7.441			
		XB= -18.578		TB=	-21.782	-20.289	-15.064	XB=	-18.578	-13.506	-25.422			
				TBG=	-8.411	-7.743	-5.583	XBG=	-6.855	-4.919	-9.655			
				TBQ=	-6.254	-5.905	-4.530	XBQ=	-5.613	-4.137	-7.441			
													M= -9.289	9.289
													MG= -3.428	3.428
													MQ= -2.806	2.806

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5 AKSI K502

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

8. KAT 5 AKSINA BENZERDIR

A Ç I K L I K									M E S N E T							
B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Ver Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva

				8.01	0.00	0.00
K502	90.0	51.0	1.36	15.99	0.12	8.76
						11.39
				7.39	0.00	0.00
K503	90.0	51.0	1.36	14.04	0.17	7.76
						10.08
				8.01	0.00	0.00
K502	90.0	51.0	1.36	15.99	0.12	8.76
						11.39

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4.53	15.36	-5.61	9.65	0.12	5.28
5.25	7.40	15.82			0.00
6.18	29.83	-9.70	-33.43	0.42	19.30
4.81	16.35	-7.51	7.49	0.09	4.08
5.25	7.40	16.22			
6.11	29.83	-9.93	-30.89	0.39	17.72
3.97	14.90	-6.07	5.95	0.07	3.23
4.71	7.40	14.89			
6.11	29.83	-9.93	-30.34	0.38	17.38
3.97	14.90	-6.07	5.40	0.06	2.93
4.71	7.40	14.34			
6.18	29.83	-9.65	-33.83	0.43	19.55
4.81	16.35	-7.44	8.05	0.10	4.39
5.33	7.40	16.74			
5.58	29.83	-6.86	-28.27	0.35	16.12
4.53	15.44	-5.61	9.63	0.11	5.27
5.33	7.40	15.80			

9Ts0Ps16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K504

		AÇIKLIK MOMENTLERİ			KESME KUVVETLERİ				MESNET MOMENTLERİ			KOLON MOMENTLERİ	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP		MIN	DUZ	SER	UST	ALT
												M= 9.284	-9.284
												MG= 3.432	-3.432
												MQ= 2.800	-2.800
					TA= 21.759	20.283	15.045	XA= -18.567	-13.496	-25.551			
			XA= -18.567		TAG= 8.403	7.747	5.583	XAG= -6.863	-4.927	-9.688			
K504	3.150	15.971		7.967	TAQ= 6.247	5.898	4.518	XAQ= -5.599	-4.125	-7.492			
			XB= -28.533		TB= -20.499	-22.220	-16.348	XB= -29.737	-20.849	-25.551			
					TBG= -8.068	-8.725	-6.159	XBG= -11.293	-7.804	-9.688			
					TBQ= -5.752	-6.254	-4.828	XBQ= -8.704	-6.203	-7.492			
												M= -6.540	6.540
												MG= -0.352	0.352
												MQ= -3.780	3.780
					TA= 21.293	21.539	15.645	XA= -28.372	-19.756	-24.749			
			XA= -27.194		TAG= 8.376	8.376	5.805	XAG= -10.589	-7.239	-9.420			
K505	3.500	14.822		6.873	TAQ= 5.979	6.133	4.699	XAQ= -8.467	-6.014	-7.226			
			XB= -27.194		TB= -21.293	-21.540	-15.645	XB= -28.373	-19.757	-24.749			
					TBG= -8.376	-8.376	-5.805	XBG= -10.589	-7.239	-9.420			
					TBQ= -5.979	-6.133	-4.699	XBQ= -8.467	-6.014	-7.226			
												M= 6.544	-6.544
												MG= 0.353	-0.353
												MQ= 3.781	-3.781
					TA= 20.518	22.241	16.346	XA= -29.746	-20.850	-25.371			
			XA= -28.542		TAG= 8.073	8.730	6.159	XAG= -11.296	-7.804	-9.639			
K504	3.600	15.971		7.967	TAQ= 5.760	6.262	4.827	XAQ= -8.708	-6.203	-7.423			
			XB= -18.564		TB= -21.740	-20.262	-15.046	XB= -18.564	-13.498	-25.371			
					TBG= -8.398	-7.741	-5.584	XBG= -6.862	-4.927	-9.639			
					TBQ= -6.239	-5.890	-4.518	XBQ= -5.598	-4.125	-7.423			
												M= -5.282	5.282
												MG= -3.431	3.431
												MQ= -2.799	2.799

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6 AKSI K504

MALZEME ÖZELLİKLERİ

Beton	Basınç Dayanımı :	130.00 kg/cm2
Beton	Çekme Dayanımı :	10.00 kg/cm2
Çelik	Çekme Dayanımı :	3650.00 kg/cm2
Etriye	Çekme Dayanımı :	3650.00 kg/cm2

8. KAT 6 AKSINA BENZERDİR

A Ç I K L I K									M E S N E T							
B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka

112 558

				7.97	0.00	0.00
K504	90.0	51.0	1.36	15.97	0.12	8.75
						11.38

				6.87	0.00	0.00
K505	90.0	51.0	1.36	14.82	0.12	8.12
						10.56

				7.97	0.00	0.00
K504	90.0	51.0	1.36	15.97	0.12	8.75
						11.38

5.58	29.83	6.86	27.39	0.34	15.59	
4.52	15.12	-5.60	8.74	0.10	4.78	
5.02	7.40	14.91			0.00	

6.16	29.83	-9.69	-32.86	0.41	18.95
4.83	16.35	-7.49	6.96	0.08	3.79
5.02	7.40	15.68			

5.81	29.83	-9.42	-31.73	0.40	18.24
4.70	15.64	-7.23	6.60	0.08	3.59
4.95	7.40	15.08			

5.81	29.83	-9.42	-32.24	0.40	18.56
4.70	15.65	-7.23	7.11	0.08	3.87
4.95	7.40	15.59			

6.16	29.83	-9.64	-32.28	0.40	18.58
4.83	16.35	-7.42	6.54	0.08	3.56
4.94	7.40	15.21			

5.58	29.83	-6.86	-27.39	0.34	15.59
4.52	15.05	-5.60	8.76	0.10	4.79
4.94	7.40	14.94			

9TsOPs16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K506

	ACIKLIK MOMENTLERI				KESME KUVVETLERI						MESNET MOMETLERI			KOLON MOMENTLERI	
	YER	MAX		MIN	IZOSTATIK	MAX MIN	HESAP				MIN	DUZ	SER	UST	ALT
														M= 1.910	-1.910
														MG= 1.005	-1.005
														MQ= 0.314	-0.314
					TA=	4.461	4.142	2.860	XA=	-3.820	-2.784	-4.982			
					TAG=	2.431	2.232	1.515	XAG=	-2.010	-1.452	-2.638			
			XA= -3.820		TAQ=	0.662	0.635	0.462	XAQ=	-0.629	-0.470	-0.762			
K506	3.133	2.785		1.904											
			XB= -5.980		TB=	-4.349	-4.803	-3.241	XB=	-6.619	-4.698	-4.982			
					TBG=	-2.409	-2.608	-1.697	XBG=	-3.351	-2.308	-2.688			
					TBQ=	-0.610	-0.720	-0.541	XBQ=	-1.205	-0.917	-0.762			
														M= 7.854	-7.854
														MG= 2.213	-2.213
														MQ= 2.972	-2.972
					TA=	17.365	17.606	11.683	XA=	-21.118	-14.075	-18.791			
					TAG=	6.460	6.527	4.281	XAG=	-7.777	-5.166	-6.938			
			XA= -21.036		TAQ=	5.200	5.292	3.557	XAQ=	-6.393	-4.276	-5.674			
K507	3.480	11.377		5.741											
			XB= -19.466		TB=	-14.444	-14.241	-11.905	XB=	-19.567	-13.870	-18.791			
					TBG=	-5.593	-5.526	-4.344	XBG=	-7.307	-5.096	-6.938			
					TBQ=	-4.134	-4.065	-3.640	XBQ=	-5.836	-4.210	-5.674			
														M= -7.436	7.436
														MG= -2.112	2.112
														MQ= -2.799	2.799
					TA=	4.510	4.626	3.065	XA=	-6.184	-4.333	-4.871			
					TAG=	2.498	2.492	1.582	XAG=	-3.083	-2.086	-2.635			
			XA= -5.597		TAQ=	0.633	0.710	0.532	XAQ=	-1.168	-0.883	-0.738			
K508	3.494	2.578		1.539											
			XB= -5.655		TB=	-4.510	-4.654	-3.094	XB=	-6.298	-4.436	-4.871			
					TBG=	-2.498	-2.504	-1.594	XBG=	-3.124	-2.123	-2.635			
					TBQ=	-0.633	-0.718	-0.539	XBQ=	-1.292	-0.915	-0.738			
														M= 8.122	-8.122
														MG= 2.316	-2.316
														MQ= 3.050	-3.050
					TA=	17.365	17.593	11.671	XA=	-21.078	-14.041	-18.791			
					TAG=	6.460	6.521	4.274	XAG=	-7.756	-5.147	-6.938			
			XA= -20.979		TAQ=	5.200	5.290	3.554	XAQ=	-6.387	-4.272	-5.674			
K507	3.477	11.376		5.741											
			XB= -19.525		TB=	-14.444	-14.253	-11.917	XB=	-19.606	-13.905	-18.791			
					TBG=	-5.593	-5.532	-4.350	XBG=	-7.329	-5.116	-6.938			
					TBQ=	-4.134	-4.068	-3.642	XBQ=	-5.841	-4.214	-5.674			
														M= -7.146	7.146
														MG= -2.003	2.003
														MQ= -2.713	2.713
					TA=	4.348	4.781	3.221	XA=	-6.523	-4.611	-4.971			
					TAG=	2.409	2.602	1.691	XAG=	-3.323	-2.282	-2.686			
			XA= -5.939		TAQ=	0.610	0.712	0.533	XAQ=	-1.170	-0.885	-0.757			
K506	3.611	2.795		1.926											
			XB= -3.836		TB=	-4.459	-4.147	-2.868	XB=	-3.836	-2.799	-4.971			
					TBG=	-2.430	-2.237	-1.521	XBG=	-2.021	-1.462	-2.686			
					TBQ=	-0.660	-0.634	-0.462	XBQ=	-0.629	-0.470	-0.757			
														M= -1.918	1.918
														MG= -1.011	1.011
														MQ= -0.314	0.314

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S.S. KARAKÖY PERŞEMBE PAZARI TOCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ N AKSI K506

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

8. KAT N AKSINA BENZERDIR

	AÇIKLIK										MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
K506	43.0	51.0	1.36	1.90 2.79	0.00 0.07	0.00 1.51 3.55					1.51 0.46 2.59	14.25 4.57 3.53	-2.01 -0.63 7.89	-10.53 6.08	0.27 0.15	5.92 3.35 0.00		
											1.70 0.54 2.59	14.25 4.83 3.53	-2.69 -0.92 7.90	-11.51 5.48	0.30 0.14	6.50 3.01 7.24		
K507	43.0	51.0	1.36	5.74 11.38	0.00 0.29	0.00 6.42 7.80					4.28 3.56 2.57	14.25 11.68 3.53	-6.94 -5.67 7.97	-20.58 1.73	0.56 0.04	12.17 0.93		
											4.34 3.64 2.57	14.25 11.91 3.53	-6.94 -5.67 7.97	-20.58 1.73	0.56 0.04	12.17 0.93		
K508	43.0	51.0	1.36	1.54 2.58	0.00 0.06	0.00 1.40 3.55					1.58 0.53 2.57	14.25 4.68 3.53	-2.64 -0.88 7.97	-11.49 5.60	0.30 0.14	6.49 3.08 7.24		
											1.59 0.54 2.57	14.25 4.70 3.53	-2.64 -0.92 7.97	-11.52 5.60	0.30 0.14	6.51 3.08 7.24		
K507	43.0	51.0	1.36	5.74 11.38	0.00 0.29	0.00 6.42 7.30					4.27 3.55 2.57	14.25 11.67 3.53	-6.94 -5.67 7.97	-20.58 1.73	0.56 0.04	12.17 0.93		
											4.35 3.64 2.57	14.25 11.92 3.53	-6.94 -5.67 7.97	-20.58 1.73	0.56 0.04	12.17 0.93		
K506	43.0	51.0	1.36	1.93 2.79	0.00 0.07	0.00 1.52 3.55					1.69 0.53 2.59	14.25 4.81 3.53	-2.69 -0.88 7.90	-11.47 5.49	0.30 0.14	6.48 3.02 7.24		
											1.52 0.46 2.59	14.25 4.57 3.53	-2.02 -0.63 7.89	-10.54 6.07	0.27 0.15	5.93 3.35 7.24		

9TsOPs16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TüCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi N AKSI K509

	AÇIKLIK MOMENTLERI			KESME KUVVETLERI						MESNET MOMENTLERI			KOLON MOMENTLERI	
	YER	MAX	MIN	IZOSTATIK	MAX MIN	HESAP				MIN	DUZ	SER	UST	ALT
													M= 2.686	-2.686
													MG= 1.422	-1.422
													MQ= 0.435	-0.435
				TA=	7.362	6.642	4.514	XA=	-5.372	-3.712	-8.204			
		XA= -5.372		TAG=	4.074	3.623	2.414	XAG=	-2.844	-1.938	-4.496			
K509	3.046	4.905	3.325	TAQ=	1.036	0.981	0.709	XAQ=	-0.869	-0.624	-1.193			
		XB= -10.234		TB=	-7.203	-8.202	-5.584	XB=	-11.613	-8.333	-8.204			
				TBG=	-4.053	-4.504	-2.955	XBG=	-5.888	-4.087	-4.496			
				TBQ=	-0.956	-1.185	-0.904	XBQ=	-2.106	-1.632	-1.193			
													M= 8.760	-8.760
													MG= 2.188	-2.188
													MQ= 3.560	-3.560
				TA=	22.854	22.993	15.221	XA=	-27.274	-18.077	-24.783			
		XA= -27.086		TAG=	8.822	8.791	5.685	XAG=	-10.265	-6.748	-9.431			
K510	3.465	14.993	7.339	TAQ=	6.565	6.679	4.539	XAQ=	-8.065	-5.393	-7.237			
		XB= -26.388		TB=	-19.811	-19.967	-15.931	XB=	-27.606	-19.619	-24.783			
				TBG=	-7.955	-7.986	-5.945	XBG=	-10.483	-7.288	-9.431			
				TBQ=	-5.421	-5.491	-4.756	XBQ=	-8.081	-5.885	-7.237			
													M= 5.907	-5.907
													MG= 0.090	-0.090
													MQ= 3.614	-3.614
				TA=	22.810	23.242	15.485	XA=	-28.663	-19.366	-24.734			
		XA= -27.570		TAG=	8.808	8.861	5.760	XAG=	-10.662	-7.118	-9.415			
K511	3.480	14.788	6.910	TAQ=	6.549	6.773	4.638	XAQ=	-8.585	-5.876	-7.220			
		XB= -26.145		TB=	-19.776	-19.819	-15.787	XB=	-27.322	-19.394	-24.734			
				TBG=	-7.944	-7.891	-5.851	XBG=	-10.291	-7.135	-9.415			
				TBQ=	-5.409	-5.482	-4.748	XBQ=	-8.071	-5.878	-7.220			
													M= 6.391	-6.391
													MG= 0.292	-0.292
													MQ= 3.738	-3.738
				TA=	22.854	23.413	15.641	XA=	-28.981	-19.616	-24.783			
		XA= -27.851		TAG=	8.822	8.968	5.862	XAG=	-10.876	-7.288	-9.431			
K510	3.496	15.003	7.364	TAQ=	6.565	6.786	4.646	XAQ=	-8.597	-5.883	-7.237			
		XB= -25.596		TB=	-19.811	-19.529	-15.493	XB=	-25.785	-17.973	-24.783			
				TBG=	-7.955	-7.809	-5.767	XBG=	-9.851	-6.728	-9.431			
				TBQ=	-5.421	-5.373	-4.637	XBQ=	-7.495	-5.346	-7.237			
													M= -8.092	8.092
													MG= -2.003	2.003
													MQ= -3.305	3.305
				TA=	7.201	8.168	5.553	XA=	-11.457	-8.190	-8.188			
		XA= -10.177		TAG=	4.052	4.495	2.946	XAG=	-5.845	-4.047	-4.494			
K509	3.698	4.919	3.362	TAQ=	0.955	1.172	0.892	XAQ=	-2.046	-1.577	-1.185			
		XB= -5.392		TB=	-7.358	-6.649	-4.526	XB=	-5.392	-3.730	-8.188			
				TBG=	-4.074	-3.631	-2.423	XBG=	-2.859	-1.952	-4.494			
				TBQ=	-1.034	-0.978	-0.709	XBQ=	-0.868	-0.623	-1.185			
													M= -2.696	2.696
													MG= -1.430	1.430
													MQ= -0.474	0.474

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S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ M AKSI K509

MALZEME ÖZELLİKLERİ

Beton Basınç Dayanımı : 130.00 kg/cm2
Beton Çekme Dayanımı : 10.00 kg/cm2
Çelik Çekme Dayanımı : 3650.00 kg/cm2
Etriye Çekme Dayanımı : 3650.00 kg/cm2

8. KAT M AKSINA BENZERDIR

				AÇIKLIK							MESNET							
	B	D	Rob	MinM MaxM	Rou Roa	Asu Asa Asm	DUZ	PLIYE 1. PLIYE	MONTAJ	ETRIYE	Vg Vq Ve	Vcr Vd Asw	XG XQ XE	Mu Ma	Rou Roa	Asu Asa Asm	Mevu Meva	Eku Eka
											2.41	29.83	-2.84	-17.45	0.21	9.71		
											0.71	7.63	-0.87	11.17	0.13	6.14		
				3.32	0.00	0.00					4.51	7.40	13.73			0.00		
K509	90.0	51.0	1.36	4.90	0.03	2.65												
						7.43												
											2.95	29.83	-4.50	-19.92	0.24	11.15		
											0.90	8.37	-1.63	9.75	0.12	5.34		
											4.51	7.40	13.80			14.50		
											5.68	29.83	-9.43	-32.25	0.40	18.56		
											4.54	15.22	-7.24	7.09	0.08	3.86		
				7.34	0.00	0.00					5.00	7.40	15.58					
K510	90.0	51.0	1.36	14.99	0.12	8.22												
						10.69												
											5.94	29.83	-9.43	-32.12	0.40	18.48		
											4.76	15.93	-7.24	6.96	0.08	3.79		
											5.00	7.40	15.45					
											5.76	29.83	-9.42	-32.09	0.40	18.47		
											4.84	15.48	-7.22	6.98	0.08	3.80		
				6.91	0.00	0.00					4.99	7.40	15.45					
K511	90.0	51.0	1.36	14.79	0.12	8.11												
						10.54												
											5.85	29.83	-9.42	-32.09	0.40	18.47		
											4.75	15.79	-7.22	6.98	0.08	3.80		
											4.99	7.40	15.45					
											5.86	29.83	-9.43	-32.12	0.40	18.48		
											4.65	15.64	-7.24	6.96	0.08	3.79		
				7.36	0.00	0.00					5.00	7.40	15.45					
K510	90.0	51.0	1.36	15.00	0.12	8.23												
						10.69												
											5.77	29.83	-9.43	-32.25	0.40	18.56		
											4.64	15.49	-7.24	7.09	0.08	3.86		
											5.00	7.40	15.58					
											2.95	29.83	-4.49	-19.87	0.24	11.12		
											0.89	8.35	-1.58	9.75	0.12	5.34		
				3.36	0.00	0.00					4.51	7.40	13.80			14.45		
K509	90.0	51.0	1.36	4.92	0.03	2.65												
						7.43												
											2.42	29.83	-2.86	-17.46	0.21	9.72		
											0.71	7.64	-0.87	11.16	0.13	6.13		
											4.51	7.40	13.73			12.64		

KOLON HESAPLARI

9TsOPs16.66Hs10Vk3G18D
BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 1.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.55	0.55	132.70 63.10	-2.07 -0.95	-1.04 -0.47	5.28 2.34	2.64 1.17	52.01	0.08	13.12	-47.07	3.67	12.71	0.00	0.00
4	M	1.00	0.55	246.14 109.73	0.07 1.17	0.04 0.58	12.38 5.92	6.19 2.96	-33.31	14.44	65.43	-80.86	4.28	21.17	0.00	0.00
4	L	1.00	0.55	232.21 102.19	0.79 1.18	0.39 0.59	8.67 5.14	4.33 2.57	22.88	17.05	64.30	-84.65	21.03	22.00	0.00	0.00
4	K	0.55	0.55	122.13 61.98	1.69 0.48	0.84 0.24	2.88 2.60	1.44 1.30	-41.59	0.17	12.00	-40.79	2.62	12.93	0.00	0.00
5	N	0.55	1.00	260.69 125.12	-3.61 -1.81	-1.80 -0.90	-0.78 2.66	-0.39 1.33	117.62	31.70	4.79	-5.74	65.58	27.44	0.00	0.00
5	M	1.00	1.00	543.49 251.74	-1.62 -5.74	-0.81 -2.87	-6.39 -5.86	-3.19 -2.93	-19.58	18.13	116.79	-4.35	14.68	104.67	0.00	0.00
5	L	1.00	1.00	527.20 240.77	3.47 5.92	1.73 2.96	-3.77 -6.31	-1.88 -3.16	-13.97	29.66	111.89	7.86	26.62	102.20	0.00	0.00
5	K	0.55	1.00	243.11 123.45	3.92 1.44	1.96 0.72	-0.52 -3.85	-0.26 -1.93	-84.07	7.06	26.59	-2.02	-3.58	70.43	0.00	0.00
6	N	0.55	1.00	258.89 134.88	-4.29 -2.77	-2.15 -1.39	-2.01 -2.99	-1.00 -1.50	86.53	21.91	9.84	13.10	65.22	26.78	0.00	0.00
6	M	1.00	1.00	536.90 271.42	-1.54 -7.28	-0.77 -3.64	-1.72 -4.66	-0.86 -2.33	-4.33	-0.35	119.05	8.77	-2.46	107.05	0.00	0.00
6	L	1.00	1.00	514.76 266.06	2.70 7.51	1.35 3.75	-1.77 -4.66	-0.89 -2.33	-3.75	17.02	111.63	-0.69	8.42	105.77	0.00	0.00
6	K	0.55	1.00	248.60 135.27	5.65 4.04	2.82 2.02	-2.57 -3.89	-1.28 -1.94	-78.45	6.95	25.43	2.38	-2.91	67.82	0.00	0.00
7	N	0.55	1.00	254.94 126.27	-4.29 -2.77	-2.15 -1.39	1.81 2.73	0.91 1.36	86.23	21.14	10.12	-13.10	65.13	26.80	0.00	0.00
7	M	1.00	1.00	523.96 264.97	-1.54 -7.28	-0.77 -3.64	1.48 4.34	0.74 2.17	-4.26	-2.48	119.18	-8.85	-4.01	107.14	0.00	0.00
7	L	1.00	1.00	513.80 264.92	2.70 7.51	1.35 3.75	1.53 4.34	0.77 2.17	-3.67	15.04	111.69	0.70	7.10	105.88	0.00	0.00
7	K	0.55	1.00	239.11 122.14	5.65 4.04	2.82 2.02	2.33 3.56	1.17 1.78	-78.30	7.18	25.41	-2.35	-2.71	67.79	0.00	0.00
8	N	0.55	1.00	281.66 144.99	-3.61 -1.81	-1.80 -0.91	0.31 -2.92	0.16 -1.46	115.19	29.49	6.54	5.74	64.69	27.66	0.00	0.00
8	M	1.00	1.00	520.34 250.47	-1.62 -5.75	-0.81 -2.87	5.25 5.34	2.62 2.67	-18.39	13.20	116.88	4.43	9.96	105.68	0.00	0.00

8	L	1.00	1.00	527.48	3.46	1.73	2.88	1.44	-13.27	23.87	112.37	-8.22	21.13	103.51	0.00	0.00
				247.36	5.92	2.96	5.77	2.89								
8	K	0.55	1.00	252.11	3.94	1.97	-0.08	-0.04	-83.53	7.51	26.09	0.40	-0.70	71.92	0.00	0.00
				135.61	1.44	0.72	-3.71	-1.85								
9	N	0.55	0.55	135.89	-1.64	-0.82	-5.32	-2.66	50.55	0.53	13.06	47.07	3.96	12.83	0.00	0.00
				66.54	-0.84	-0.42	-2.37	-1.18								
9	M	1.00	0.55	227.25	0.15	0.08	-12.47	-6.24	-32.77	9.82	65.62	80.86	4.28	21.17	0.00	0.00
				109.53	1.17	0.59	-5.98	-2.99								
9	L	1.00	0.55	232.40	0.73	0.37	-8.82	-4.41	23.83	10.89	65.17	85.01	14.50	26.09	0.00	0.00
				110.81	1.16	0.58	-5.30	-2.65								
9	K	0.55	0.55	118.63	1.06	0.53	-2.41	-1.21	-41.61	23.23	0.22	42.38	19.66	4.79	0.00	0.00
				63.04	0.35	0.17	-2.21	-1.11								

9TsOPs16.66Hs10Vk3G18D
BiLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 1.KAT KOLON ÇÖZÜMLERİ

BETON = BS20 DEMİR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.55	0.55	166.500	-1.510	-10.334	0.50	15.12	15.02	5.15				
				148.730	-1.510	16.520	0.50	15.12	15.08	5.08				
				143.790	-14.630	3.810	0.50	15.12	5.38	14.78				
								15.12	15.08	14.78				
4	M	1.00	0.55	302.386	0.620	-15.599	0.50	27.50	27.50	9.17				
				275.010	0.620	30.320	0.50	27.50	27.50	9.17				
				322.560	66.050	9.150	0.50	27.50	9.75	26.92				
								27.50	27.50	26.92				
4	L	1.00	0.55	293.639	0.980	-18.103	0.50	27.50	27.49	9.17				
				357.280	65.280	6.900	0.50	27.50	9.51	27.16				
								27.50	27.49	27.16				
4	K	0.55	0.55	150.707	1.080	-11.634	0.50	15.12	15.08	5.09				
				143.320	1.080	15.670	0.50	15.12	15.10	5.07				
				142.520	13.080	2.740	0.50	15.12	5.26	14.90				
								15.12	15.10	14.90				
5	N	0.55	1.00	240.361	-5.420	-66.282	0.50	27.50	27.30	9.37				
				380.070	-5.420	67.460	0.50	27.50	27.30	9.36				
				268.190	-37.890	1.880	0.50	27.50	9.17	27.49				
								27.50	27.30	27.49				
5	M	1.00	1.00	493.491	-3.680	-107.541	0.50	50.00	49.98	16.69				
				799.580	-3.680	-110.790	0.50	50.00	49.98	16.69				
				814.810	-120.470	-6.120	0.50	50.00	16.71	49.96				
								50.00	49.98	49.96				
5	L	1.00	1.00	466.620	4.690	-103.892	0.50	50.00	49.97	16.70				
				760.110	4.690	-107.240	0.50	50.00	49.97	16.70				
				754.000	116.580	-5.040	0.50	50.00	16.70	49.97				
								50.00	49.97	49.97				
5	K	0.55	1.00	220.819	2.680	-70.664	0.50	27.50	27.46	9.21				
				368.580	2.680	-72.620	0.50	27.50	27.46	9.21				
				282.490	29.270	-2.190	0.50	27.50	9.18	27.48				
								27.50	27.46	27.48				
6	N	0.55	1.00	219.901	-7.060	-67.029	0.50	27.50	27.16	9.50				
				380.670	-7.060	-70.220	0.50	27.50	27.19	9.47				
				307.240	-29.500	-5.000	0.50	27.50	9.25	27.42				
								27.50	27.19	27.42				
6	M	1.00	1.00	474.440	-4.410	-107.824	0.50	50.00	49.97	16.69				

				799.550	-4.410	-110.240	0.50	50.00	49.97	16.69
				812.650	-123.460	-3.190	0.50	50.00	16.68	49.99
								50.00	49.97	49.99
6	L	1.00	1.00	463.974	5.100	-106.571	0.50	50.00	49.96	16.70
				781.510	5.100	-108.990	0.50	50.00	49.96	16.70
				777.070	116.730	-3.220	0.50	50.00	16.68	49.99
								50.00	49.96	49.99
6	K	0.55	1.00	221.360	4.840	-68.972	0.50	27.50	27.35	9.32
				381.490	4.840	-71.040	0.50	27.50	27.36	9.31
				305.420	30.270	-3.220	0.50	27.50	9.20	27.47
								27.50	27.36	27.47
7	N	0.55	1.00	242.546	-7.060	-63.501	0.50	27.50	27.13	9.54
				368.110	-7.060	69.670	0.50	27.50	27.19	9.48
				294.980	-28.710	4.540	0.50	27.50	9.24	27.43
								27.50	27.19	27.43
7	M	1.00	1.00	480.414	-4.410	-106.474	0.50	50.00	49.97	16.70
				780.080	-4.410	110.050	0.50	50.00	49.97	16.69
				793.190	-123.590	2.910	0.50	50.00	16.68	49.99
								50.00	49.97	49.99
7	L	1.00	1.00	461.720	5.100	-105.187	0.50	50.00	49.96	16.71
				779.420	5.100	108.820	0.50	50.00	49.96	16.70
				775.050	116.790	2.940	0.50	50.00	16.68	49.99
								50.00	49.96	49.99
7	K	0.55	1.00	217.549	4.840	-66.737	0.50	27.50	27.34	9.33
				358.900	4.840	70.740	0.50	27.50	27.36	9.31
				282.950	30.250	2.950	0.50	27.50	9.19	27.47
								27.50	27.36	27.47
8	N	0.55	1.00	247.754	-5.420	-64.411	0.50	27.50	27.29	9.38
				420.910	-5.420	-67.300	0.50	27.50	27.30	9.36
				311.460	-35.620	-2.610	0.50	27.50	9.18	27.49
								27.50	27.30	27.49
8	M	1.00	1.00	463.876	-3.680	-103.322	0.50	50.00	49.98	16.69
				775.240	-3.680	110.970	0.50	50.00	49.98	16.68
				789.200	-120.560	5.290	0.50	50.00	16.70	49.97
								50.00	49.98	49.97
8	L	1.00	1.00	482.952	4.690	-102.214	0.50	50.00	49.96	16.70
				766.620	4.690	107.840	0.50	50.00	49.97	16.70
				761.570	117.060	4.330	0.50	50.00	16.69	49.98
								50.00	49.97	49.98
8	K	0.55	1.00	226.499	2.690	-71.956	0.50	27.50	27.46	9.21
				387.320	2.690	-73.810	0.50	27.50	27.46	9.21
				304.190	28.780	-1.890	0.50	27.50	9.18	27.49
								27.50	27.46	27.49
9	N	0.55	0.55	75.231	-1.240	-15.224	0.50	15.12	15.09	5.08

				155.360	-1.240	-16.670	0.50	15.12	15.10	5.07
				151.880	-14.300	-3.840	0.50	15.12	5.41	14.76
								15.12	15.10	14.76
9	M	1.00	0.55	123.665	0.670	-26.786	0.50	27.50	27.50	9.17
				255.920	0.670	-30.400	0.50	27.50	27.50	9.17
				304.010	66.290	-9.230	0.50	27.50	9.75	26.91
								27.50	27.50	26.91
9	L	1.00	0.55	124.150	0.950	-30.059	0.50	27.50	27.50	9.17
				258.200	0.950	-33.150	0.50	27.50	27.50	9.17
				367.040	66.120	-7.060	0.50	27.50	9.51	27.15
								27.50	27.50	27.15
9	K	0.55	0.55	65.157	24.744	-4.620	0.53	16.10	5.55	15.91
				139.290	1.410	-24.280	0.50	15.12	15.11	5.06
								16.10	15.11	15.91

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S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 2.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.55	0.55	119.97 58.74	-1.42 -0.65	1.04 0.47	0.00 0.00	-2.64 -1.17	47.07	14.11	13.00	-42.77	11.04	10.10	0.00	0.00
4	M	1.00	0.55	217.32 98.97	0.41 0.90	-0.04 -0.58	8.21 3.96	-6.19 -2.96	-33.35	30.68	48.51	-73.76	13.70	14.65	0.00	0.00
4	L	1.00	0.55	209.17 92.88	1.71 0.91	-0.39 -0.59	4.07 1.54	-4.33 -2.57	25.83	16.27	42.07	-76.38	26.06	35.39	0.00	0.00
4	K	0.55	0.55	112.57 57.27	0.00 0.00	-0.84 -0.24	0.00 0.00	-1.44 -1.30	-39.54	0.95	7.28	-36.87	4.60	10.85	0.00	0.00
5	N	0.55	1.00	238.01 115.59	-3.60 -1.83	3.61 1.81	0.00 0.00	0.78 -2.66	103.60	48.69	72.44	-4.71	34.85	93.78	0.00	0.00
5	M	1.00	1.00	495.13 230.70	-1.03 2.04	0.81 2.87	-4.00 -4.33	3.19 2.93	-15.41	81.54	96.39	-4.23	48.46	63.21	0.00	0.00
5	L	1.00	1.00	482.50 219.55	5.51 1.62	-1.73 -2.96	-5.78 -1.98	1.88 3.16	-7.94	44.39	79.35	7.68	51.29	80.59	0.00	0.00
5	K	0.55	1.00	222.58 112.40	0.00 0.00	-1.96 -0.72	0.00 0.00	0.26 1.93	-80.25	36.56	3.73	-2.06	43.48	24.20	0.00	0.00
6	N	0.55	1.00	237.17 123.69	0.00 0.00	4.29 2.77	0.00 0.00	2.01 2.99	75.16	6.21	59.52	9.87	12.75	85.50	0.00	0.00
6	M	1.00	1.00	492.29 249.15	0.00 0.00	0.77 3.64	-5.96 -2.92	0.86 2.33	-2.19	20.83	74.48	8.73	24.70	47.70	0.00	0.00
6	L	1.00	1.00	471.54 243.97	0.00 0.00	-1.35 -3.75	0.00 0.00	0.89 2.33	2.13	11.95	65.96	-0.70	30.43	67.44	0.00	0.00
6	K	0.55	1.00	228.79 124.07	0.00 0.00	-2.82 -2.02	0.00 0.00	1.28 1.94	-75.09	35.62	3.33	0.05	44.88	21.00	0.00	0.00
7	N	0.55	1.00	234.00 116.17	0.00 0.00	4.29 2.77	3.48 2.95	-1.81 -2.73	75.09	5.05	58.17	-9.87	2.39	85.21	0.00	0.00
7	M	1.00	1.00	480.14 243.81	0.00 0.00	0.77 3.64	0.00 0.00	-0.74 -2.17	-2.19	17.20	71.77	-8.81	27.53	46.41	0.00	0.00
7	L	1.00	1.00	471.38 243.93	0.00 0.00	-1.35 -3.75	0.00 0.00	-0.77 -2.17	2.11	10.09	63.74	0.71	29.84	66.67	0.00	0.00
7	K	0.55	1.00	220.04 112.03	0.00 0.00	-2.82 -2.02	0.00 0.00	-1.17 -1.78	-75.00	35.88	3.15	-0.06	44.92	20.93	0.00	0.00
8	N	0.55	1.00	258.52 134.55	-3.58 -1.83	3.61 1.81	0.41 -2.96	-0.31 2.92	102.08	44.61	68.78	4.71	16.76	91.41	0.00	0.00
8	M	1.00	1.00	471.89	-1.67	0.81	0.00	-2.62	-14.60	74.67	89.90	4.31	45.44	54.14	0.00	0.00

				228.75	2.09	2.87	0.00	-2.67								
8	L	1.00	1.00	483.23	6.16	-1.73	5.52	-1.44	-7.55	37.51	73.14	-8.04	46.83	75.20	0.00	0.00
				226.39	1.73	-2.96	1.83	-2.89								
8	K	0.55	1.00	231.68	0.00	-1.97	0.00	0.04	-79.93	37.16	0.31	2.55	43.11	25.47	0.00	0.00
				124.62	0.00	-0.72	0.00	1.85								
9	N	0.55	0.55	123.19	-1.08	0.82	-3.61	2.66	46.11	12.76	11.86	42.77	8.27	7.97	0.00	0.00
				61.94	-0.56	0.42	-1.61	1.18								
9	M	1.00	0.55	198.38	0.46	-0.08	0.00	6.24	-32.80	25.46	43.17	73.76	15.13	14.65	0.00	0.00
				98.20	0.90	-0.59	0.00	2.99								
9	L	1.00	0.55	208.92	1.47	-0.37	-4.09	4.41	25.61	12.01	37.62	76.75	22.35	26.45	0.00	0.00
				100.30	0.90	-0.58	-1.56	2.65								
9	K	0.55	0.55	108.67	0.00	-1.06	0.00	2.41	-38.93	20.82	31.74	36.39	21.95	37.52	0.00	0.00
				57.36	0.00	-0.35	0.00	2.21								

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S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 2.KAT KOLON ÇöZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.55	0.55	150.743	1.510	-12.476	0.50	15.12	15.05	5.12				
				221.480	1.510	-13.910	0.50	15.12	15.07	5.10				
				60.903	-19.698	0.000	0.50	15.12	5.05	15.11				
								15.12	15.07	15.11				
4	M	1.00	0.55	269.348	-0.620	-20.221	0.50	27.50	27.50	9.17				
				390.050	-0.620	-23.800	0.50	27.50	27.50	9.17				
				349.640	-50.300	-9.150	0.50	27.50	10.17	26.50				
								27.50	27.50	26.50				
4	L	1.00	0.55	264.633	-0.980	-39.287	0.50	27.50	27.50	9.17				
				378.430	-0.980	-42.290	0.50	27.50	27.50	9.17				
				276.220	-44.070	-6.900	0.50	27.50	9.91	26.76				
								27.50	27.50	26.76				
4	K	0.55	0.55	138.183	-1.080	-12.146	0.50	15.12	15.09	5.08				
				206.710	-1.080	-13.590	0.50	15.12	15.09	5.07				
				209.380	-8.540	-2.740	0.50	15.12	5.56	14.61				
								15.12	15.09	14.61				
5	N	0.55	1.00	457.200	79.610	-1.880	1.25	68.56	22.86	68.56				
				358.310	5.420	-95.660	0.50	27.50	27.40	9.26				
								68.56	27.40	68.56				
5	M	1.00	1.00	449.847	3.680	-60.339	0.50	50.00	49.94	16.73				
				721.600	3.680	69.330	0.50	50.00	49.95	16.71				
				710.420	107.430	-8.330	0.50	50.00	16.77	49.90				
								50.00	49.95	49.90				
5	L	1.00	1.00	426.570	-4.690	-78.898	0.50	50.00	49.94	16.73				
				709.730	-4.690	85.630	0.50	50.00	49.95	16.72				
				709.990	-85.960	5.040	0.50	50.00	16.72	49.94				
								50.00	49.95	49.94				
5	K	0.55	1.00	202.382	0.000	-43.480	0.50	27.50	27.50	9.17				
				280.572	-47.710	0.000	0.50	27.50	9.19	27.48				
								27.50	27.50	27.48				
6	N	0.55	1.00	436.020	68.020	5.000	0.95	52.35	17.48	52.32				
				370.730	7.060	90.500	0.50	27.50	27.32	9.35				
								52.35	27.32	52.32				
6	M	1.00	1.00	434.331	4.410	-46.926	0.50	50.00	49.85	16.81				

				1087.846	0.000	-13.016	0.50	50.00	50.00	16.67
				739.250	80.690	3.190	0.50	50.00	16.69	49.97
								50.00	50.00	49.97
6	L	1.00	1.00	425.086	-5.100	-66.639	0.50	50.00	49.90	16.76
				714.810	-5.100	70.660	0.50	50.00	49.91	16.75
				713.380	-72.660	3.220	0.50	50.00	16.70	49.97
								50.00	49.91	49.97
6	K	0.55	1.00	205.861	0.000	-44.880	0.50	27.50	27.50	9.17
				281.001	-46.490	0.000	0.50	27.50	9.19	27.48
								27.50	27.50	27.48
7	N	0.55	1.00	425.260	66.640	-4.540	0.89	48.80	16.29	48.78
				360.040	7.060	-89.750	0.50	27.50	27.31	9.35
								48.80	27.31	48.78
7	M	1.00	1.00	440.936	4.410	-47.076	0.50	50.00	49.85	16.81
				732.760	4.410	-49.320	0.50	50.00	49.87	16.80
				721.760	77.920	-2.910	0.50	50.00	16.69	49.98
								50.00	49.87	49.98
7	L	1.00	1.00	423.532	-5.100	-67.363	0.50	50.00	49.90	16.76
				714.600	-5.100	-69.610	0.50	50.00	49.91	16.76
				713.200	-70.380	-2.940	0.50	50.00	16.70	49.97
								50.00	49.91	49.97
7	K	0.55	1.00	198.096	0.000	-44.920	0.50	27.50	27.50	9.17
				273.036	-46.830	0.000	0.50	27.50	9.19	27.48
								27.50	27.50	27.48
8	N	0.55	1.00	495.150	75.870	2.610	1.30	71.23	23.75	71.23
				397.780	5.420	94.020	0.58	32.10	31.99	10.82
								71.23	31.99	71.23
8	M	1.00	1.00	420.391	3.680	-56.498	0.50	50.00	49.93	16.74
				696.330	3.680	-59.430	0.50	50.00	49.94	16.73
				439.301	-98.953	0.000	0.50	50.00	16.71	49.96
								50.00	49.94	49.96
8	L	1.00	1.00	442.947	-4.690	-76.496	0.50	50.00	49.94	16.73
				717.660	-4.690	-79.530	0.50	50.00	49.94	16.72
				717.170	-79.600	-4.330	0.50	50.00	16.72	49.95
								50.00	49.94	49.95
8	K	0.55	1.00	436.230	-48.500	0.000	0.51	27.92	9.33	27.90
				205.962	0.000	-43.110	0.50	27.50	27.50	9.17
								27.92	27.50	27.90
9	N	0.55	0.55	68.101	-1.640	-11.519	0.50	15.12	15.02	5.14
				227.900	1.240	11.810	0.50	15.12	15.07	5.10
				139.020	-18.290	-5.220	0.50	15.12	5.45	14.71
								15.12	15.07	14.71

9	M	1.00	0.55	104.782	1.360	-15.130	0.50	27.50	27.48	9.19
				370.340	-0.670	23.880	0.50	27.50	27.50	9.17
				329.380	-44.890	9.230	0.50	27.50	10.45	26.22
								27.50	27.50	26.22
9	L	1.00	0.55	111.278	2.370	-26.031	0.50	27.50	27.48	9.19
				385.970	-0.950	33.510	0.50	27.50	27.50	9.17
				283.610	-39.480	7.060	0.50	27.50	10.14	26.53
								27.50	27.50	26.53
9	K	0.55	0.55	202.420	-1.410	42.140	0.94	28.31	28.29	9.45
				58.873	31.556	4.620	0.85	25.85	8.80	25.67
								28.31	28.29	25.67

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 3.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.55	0.55	114.41 57.32	-2.19 -1.84	1.42 0.65	1.06 0.25	0.00 0.00	39.88	15.36	11.28	-36.31	6.34	8.81	0.00	0.00
4	M	1.00	0.55	188.99 88.19	1.82 2.50	-0.41 -0.90	3.14 1.99	-8.21 -3.96	-29.36	29.08	8.12	-65.29	9.57	10.78	0.00	0.00
4	L	1.00	0.55	192.83 88.25	-1.82 -2.50	-1.71 -0.91	3.14 1.99	-4.07 -1.54	29.03	23.89	4.24	-66.79	9.82	18.92	0.00	0.00
4	K	0.55	0.55	110.39 57.27	2.19 1.84	0.00 0.00	0.79 0.22	0.00 0.00	-39.54	10.22	0.95	-36.87	3.74	4.60	0.00	0.00
5	N	0.55	1.00	226.09 111.92	-4.96 -3.21	3.60 1.83	1.69 3.17	0.00 0.00	79.85	93.15	36.96	-1.38	64.33	33.92	0.00	0.00
5	M	1.00	1.00	444.18 214.75	0.25 2.93	1.03 -2.04	-0.53 -3.08	4.00 4.33	-5.00	87.58	50.90	-4.13	12.60	18.40	0.00	0.00
5	L	1.00	1.00	447.73 214.57	-0.25 -2.93	-5.51 -1.62	-0.53 -3.08	5.78 1.98	5.40	75.88	19.56	-1.92	8.86	16.26	0.00	0.00
5	K	0.55	1.00	218.62 112.40	4.96 3.21	0.00 0.00	1.57 3.08	0.00 0.00	-80.25	90.63	36.56	-2.06	83.65	43.48	0.00	0.00
6	N	0.55	1.00	233.21 123.69	-4.96 -3.20	0.00 0.00	-2.04 -3.54	0.00 0.00	75.16	77.53	7.56	0.09	64.29	23.17	0.00	0.00
6	M	1.00	1.00	464.35 243.85	0.24 2.92	0.00 0.00	-0.16 -2.97	5.96 2.92	-2.19	62.46	7.11	0.15	8.65	7.56	0.00	0.00
6	L	1.00	1.00	464.34 243.97	-0.24 -2.92	0.00 0.00	-0.16 -2.97	0.00 0.00	2.13	62.34	11.95	-0.70	1.37	30.43	0.00	0.00
6	K	0.55	1.00	224.83 124.07	4.96 3.20	0.00 0.00	-1.99 -3.46	0.00 0.00	-75.09	87.33	35.62	0.05	86.14	44.88	0.00	0.00
7	N	0.55	1.00	224.39 111.70	-4.96 -3.20	0.00 0.00	1.81 3.23	-3.48 -2.95	75.09	77.34	6.64	-0.09	64.29	14.08	0.00	0.00
7	M	1.00	1.00	464.19 243.81	0.24 2.92	0.00 0.00	-0.16 -2.97	0.00 0.00	-2.19	62.07	6.47	-0.15	8.73	5.94	0.00	0.00
7	L	1.00	1.00	464.18 243.93	-0.24 -2.92	0.00 0.00	-0.16 -2.97	0.00 0.00	2.11	62.41	10.09	0.71	1.49	29.84	0.00	0.00
7	K	0.55	1.00	216.08 112.03	4.96 3.20	0.00 0.00	1.77 3.17	0.00 0.00	-75.00	86.92	35.88	-0.06	86.13	44.92	0.00	0.00
8	N	0.55	1.00	235.12 124.05	-4.97 -3.21	3.58 1.83	-1.93 -3.48	-0.41 2.96	79.56	92.55	38.92	1.38	64.07	24.86	0.00	0.00
8	M	1.00	1.00	444.81	0.25	1.67	0.20	0.00	-4.97	87.12	53.97	4.13	12.17	22.07	0.00	0.00

				221.73	2.93	-2.09	-2.89	0.00								
8	L	1.00	1.00	448.40	-0.25	-6.16	0.20	-5.52	5.34	75.31	22.36	1.92	8.52	16.13	0.00	0.00
				221.52	-2.93	-1.73	-2.89	-1.83								
8	K	0.55	1.00	227.72	4.97	0.00	-1.79	0.00	-79.93	88.85	37.16	2.55	82.66	43.11	0.00	0.00
				124.62	3.21	0.00	-3.38	0.00								
9	N	0.55	0.55	110.51	-1.80	1.08	-1.06	3.61	39.63	15.14	11.43	36.31	6.16	8.25	0.00	0.00
				57.42	-1.62	0.56	-0.25	1.61								
9	M	1.00	0.55	188.74	1.88	-0.46	-3.20	0.00	-29.20	29.11	11.62	65.29	9.57	11.81	0.00	0.00
				95.38	2.53	-0.90	-2.07	0.00								
9	L	1.00	0.55	192.61	-1.88	-1.47	-3.20	4.09	28.49	23.34	0.17	66.78	9.89	16.05	0.00	0.00
				95.45	-2.54	-0.90	-2.07	1.56								
9	K	0.55	0.55	106.49	1.80	0.00	-0.79	0.00	-38.93	0.07	20.82	36.39	2.07	21.95	0.00	0.00
				57.36	1.62	0.00	-0.22	0.00								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 3.KAT KOLON ÇÖZÜMLERİ

BETON = BS20 DEMİR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.55	0.55	63.089	-27.581	1.310	0.52	15.87	5.30	15.85				
				139.279	2.070	-8.810	0.50	15.12	14.85	5.32				
								15.87	14.85	15.85				
4	M	1.00	0.55	235.381	-1.310	-18.169	0.50	27.50	27.49	9.18				
				342.470	-1.310	-22.950	0.50	27.50	27.49	9.18				
				247.820	52.800	5.130	0.50	27.50	9.45	27.21				
								27.50	27.49	27.21				
4	L	1.00	0.55	240.337	-2.620	-22.583	0.50	27.50	27.46	9.20				
				347.870	-2.620	-24.530	0.50	27.50	27.47	9.20				
				252.050	-44.150	5.130	0.50	27.50	9.58	27.09				
								27.50	27.47	27.09				
4	K	0.55	0.55	136.221	4.030	-3.029	0.50	15.12	7.89	12.28				
				130.790	4.030	4.750	0.50	15.12	11.50	8.67				
				128.120	21.070	1.010	0.50	15.12	5.05	15.11				
								15.12	11.50	15.11				
5	N	0.55	1.00	123.631	-159.774	4.860	2.73	150.08	50.04	150.07				
								150.08	50.04	150.07				
5	M	1.00	1.00	403.892	3.180	-13.077	0.50	50.00	49.01	17.65				
				654.800	-1.010	26.730	0.50	50.00	49.98	16.69				
				653.930	149.200	-3.610	0.50	50.00	16.68	49.99				
								50.00	49.98	49.99				
5	L	1.00	1.00	404.877	-7.130	-11.058	0.50	50.00	43.07	23.60				
				664.220	-3.180	-12.470	0.50	50.00	48.92	17.75				
				656.900	-129.690	-3.610	0.50	50.00	16.68	49.99				
								50.00	48.92	49.99				
5	K	0.55	1.00	116.508	155.574	4.650	2.66	146.51	48.85	146.50				
								146.51	48.85	146.50				
6	N	0.55	1.00	134.729	-133.724	-5.580	2.17	119.54	39.87	119.52				
								119.54	39.87	119.52				
6	M	1.00	1.00	417.765	3.160	-8.794	0.50	50.00	47.85	18.82				
				418.065	0.000	12.924	0.50	50.00	50.00	16.67				
				706.010	107.300	-3.130	0.50	50.00	16.68	49.99				
								50.00	50.00	49.99				

								50.00	50.00	49.99
6	L	1.00	1.00	418.606	0.000	-30.430	0.50	50.00	50.00	16.67
				706.180	-107.100	-3.130	0.50	50.00	16.68	49.99
								50.00	50.00	49.99
6	K	0.55	1.00	127.257	150.064	-5.450	2.52	138.87	46.31	138.85
								138.87	46.31	138.85
7	N	0.55	1.00	126.861	-133.414	5.040	2.19	120.23	40.09	120.21
								120.23	40.09	120.21
7	M	1.00	1.00	417.921	3.160	-8.874	0.50	50.00	47.89	18.78
				708.150	3.160	-11.860	0.50	50.00	48.82	17.85
				705.810	106.650	-3.130	0.50	50.00	16.68	49.99
								50.00	48.82	49.99
7	L	1.00	1.00	417.052	0.000	-29.840	0.50	50.00	50.00	16.67
				706.000	-107.210	-3.130	0.50	50.00	16.68	49.99
								50.00	50.00	49.99
7	K	0.55	1.00	119.472	149.384	4.940	2.53	139.21	46.42	139.19
								139.21	46.42	139.19
8	N	0.55	1.00	132.048	-158.783	-5.410	2.69	147.84	49.30	147.83
								147.84	49.30	147.83
8	M	1.00	1.00	396.199	-0.420	-22.070	0.50	50.00	49.99	16.67
				661.570	148.430	-2.690	0.50	50.00	16.67	49.99
								50.00	49.99	49.99
8	L	1.00	1.00	401.640	-7.890	-21.098	0.50	50.00	47.67	19.00
				668.000	-7.890	-23.480	0.50	50.00	48.12	18.55
				664.580	-128.740	-2.690	0.50	50.00	16.67	49.99
								50.00	48.12	49.99
8	K	0.55	1.00	125.018	152.613	-5.170	2.58	141.98	47.34	141.96
								141.98	47.34	141.96
9	N	0.55	0.55	59.829	-26.860	-1.310	0.52	15.65	5.23	15.64
				204.240	1.640	13.470	0.50	15.12	15.05	5.12
								15.65	15.05	15.64
9	M	1.00	0.55	104.576	4.410	-12.450	0.50	27.50	27.15	9.51
				235.156	-1.360	11.810	0.50	27.50	27.46	9.20
				254.920	52.940	-5.270	0.50	27.50	9.47	27.20
								27.50	27.46	27.20
9	L	1.00	0.55	106.569	-4.420	-12.770	0.50	27.50	27.17	9.50
				354.840	-2.370	21.700	0.50	27.50	27.47	9.20
				259.570	-43.330	-5.270	0.50	27.50	9.61	27.05
								27.50	27.47	27.05
9	K	0.55	0.55	56.911	27.170	0.000	0.52	15.44	5.31	15.47

59.451	0.000	-21.950	0.50	15.12	15.12	5.04
				15.88	15.12	15.87

9TsOPs16.66Hs10Vk3G18D

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	103.54 52.09	-2.69 -2.26	2.99 2.52	1.30 0.31	-1.45 -0.34	33.88	8.07	12.07	-30.36	7.86	9.13	0.00	0.00
4	M	0.90	0.50	167.91 78.04	2.11 2.92	-2.41 -3.32	3.88 2.44	-4.24 -2.69	-25.76	16.21	12.67	-56.00	15.19	15.89	0.00	0.00
4	L	0.90	0.50	171.75 78.10	-2.11 -2.92	2.41 3.32	3.88 2.44	-4.24 -2.69	25.83	16.72	16.66	-57.18	16.38	16.99	0.00	0.00
4	K	0.50	0.50	99.89 52.03	2.69 2.26	-2.99 -2.51	0.99 0.28	-1.08 -0.30	-33.94	8.54	15.24	-30.59	8.92	11.93	0.00	0.00
5	N	0.50	0.90	204.49 101.76	-3.96 -2.55	3.36 2.17	1.40 2.60	-1.12 -2.10	63.55	10.36	11.72	-0.07	7.40	24.64	0.00	0.00
5	M	0.90	0.90	399.37 192.81	0.44 3.52	-0.32 -3.84	-0.59 -3.58	0.70 4.04	-1.07	39.46	46.37	-3.94	39.98	43.44	0.00	0.00
5	L	0.90	0.90	402.92 192.62	-0.44 -3.52	0.33 3.84	-0.59 -3.58	0.70 4.04	2.41	40.66	56.12	-2.15	42.58	47.75	0.00	0.00
5	K	0.50	0.90	197.70 102.21	3.96 2.55	-3.36 -2.17	1.29 2.51	-1.04 -2.04	-64.89	10.64	10.50	0.08	3.15	39.09	0.00	0.00
6	N	0.50	0.90	210.90 112.47	-3.96 -2.54	3.35 2.16	-1.68 -2.91	1.35 2.34	61.49	11.28	1.20	0.00	8.43	21.55	0.00	0.00
6	M	0.90	0.90	420.07 222.06	0.43 3.51	-0.31 -3.83	-0.19 -3.47	0.20 3.90	0.28	39.34	58.75	0.09	40.42	46.89	0.00	0.00
6	L	0.90	0.90	420.05 222.17	-0.43 -3.51	0.31 3.83	-0.19 -3.47	0.20 3.90	-1.60	39.53	61.61	-0.74	43.33	52.47	0.00	0.00
6	K	0.50	0.90	203.27 112.83	3.96 2.54	-3.35 -2.16	-1.63 -2.83	1.32 2.29	-60.17	10.06	10.90	0.00	3.19	37.58	0.00	0.00
7	N	0.50	0.90	202.88 101.56	-3.96 -2.54	3.35 2.16	1.49 2.66	-1.20 -2.14	61.46	11.21	1.30	0.00	8.40	21.55	0.00	0.00
7	M	0.90	0.90	419.90 222.03	0.43 3.51	-0.31 -3.83	-0.19 -3.47	0.21 3.90	0.28	39.14	58.75	-0.09	40.36	46.82	0.00	0.00
7	L	0.90	0.90	419.88 222.14	-0.43 -3.51	0.31 3.83	-0.19 -3.47	0.21 3.90	-1.60	39.28	61.14	0.74	43.27	52.39	0.00	0.00
7	K	0.50	0.90	195.33 101.88	3.96 2.54	-3.35 -2.16	1.46 2.60	-1.18 -2.10	-60.14	10.02	10.80	0.00	3.17	37.57	0.00	0.00
8	N	0.50	0.90	212.70 112.80	-3.96 -2.55	3.36 2.17	-1.59 -2.86	1.28 2.31	63.44	10.22	12.00	0.07	7.28	24.65	0.00	0.00
8	M	0.90	0.90	400.07	0.44	-0.33	0.21	-0.27	-1.08	38.86	45.78	3.94	39.56	43.23	0.00	0.00

				199.78	3.52	-3.85	-3.38	3.79								
8	L	0.90	0.90	403.65	-0.44	0.33	0.21	-0.27	2.42	40.08	55.57	2.15	42.17	47.49	0.00	0.00
				199.56	-3.53	3.85	-3.38	3.79								
8	K	0.50	0.90	205.98	3.96	-3.36	-1.47	1.19	-64.78	10.63	8.67	-0.18	3.05	39.42	0.00	0.00
				113.34	2.55	-2.17	-2.75	2.24								
9	N	0.50	0.50	100.00	-2.24	2.45	-1.30	1.44	33.76	7.94	11.97	30.36	7.72	9.10	0.00	0.00
				52.17	-2.01	2.21	-0.31	0.34								
9	N	0.90	0.50	167.49	2.19	-2.49	-3.96	4.33	-25.69	15.71	12.10	56.00	15.19	15.89	0.00	0.00
				84.15	2.96	-3.36	-2.55	2.80								
9	L	0.90	0.50	171.36	-2.19	2.49	-3.96	4.33	25.83	16.21	15.07	57.18	15.73	16.27	0.00	0.00
				84.20	-2.96	3.36	-2.55	2.80								
9	K	0.50	0.50	96.34	2.24	-2.45	-0.98	1.08	-33.90	9.13	20.16	30.68	9.56	15.17	0.00	0.00
				52.12	2.01	-2.21	-0.28	0.30								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi 4.KAT KOLON ÇÖZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	189.510	25.630	-1.790	0.91	22.68	7.60	22.65				
				185.990	5.510	-10.920	0.50	12.50	11.44	5.23				
								22.68	11.44	22.65				
4	M	0.90	0.50	207.119	-5.730	-19.706	0.50	22.50	22.30	7.70				
				189.950	5.030	21.510	0.50	22.50	22.37	7.63				
				271.710	-26.850	-6.930	0.50	22.50	9.12	20.88				
								22.50	22.37	20.88				
4	L	0.90	0.50	211.755	5.730	-20.806	0.50	22.50	22.32	7.68				
				192.670	-5.030	22.700	0.50	22.50	22.39	7.61				
				275.680	33.510	-6.930	0.50	22.50	8.54	21.46				
								22.50	22.39	21.46				
4	K	0.50	0.50	185.860	-30.910	-1.380	1.03	25.71	8.59	25.70				
				182.510	-5.500	-13.310	0.50	12.50	11.79	4.88				
								25.71	11.79	25.70				
5	N	0.50	0.90	184.111	5.530	-25.648	0.50	22.50	21.37	8.63				
				306.320	5.530	-27.860	0.50	22.50	21.54	8.46				
				369.800	25.070	-3.220	0.50	22.50	7.54	22.46				
								22.50	21.54	22.46				
5	M	0.90	0.90	363.373	-4.160	-42.810	0.50	40.50	40.37	13.63				
				588.240	-4.160	48.180	0.50	40.50	40.40	13.60				
				593.250	-81.470	4.740	0.50	40.50	13.55	40.45				
								40.50	40.40	40.45				
5	L	0.90	0.90	364.778	4.170	-47.120	0.50	40.50	40.39	13.61				
				593.390	4.170	52.490	0.50	40.50	40.41	13.59				
				597.950	97.740	4.740	0.50	40.50	13.53	40.47				
								40.50	40.41	40.47				
5	K	0.50	0.90	177.850	-5.530	-40.026	0.50	22.50	22.04	7.96				
				299.830	-5.530	-42.170	0.50	22.50	22.08	7.92				
				364.800	-23.040	-3.080	0.50	22.50	7.54	22.46				
								22.50	22.08	22.46				
6	N	0.50	0.90	189.810	5.510	-20.335	0.50	22.50	20.72	9.28				
				323.370	5.510	25.240	0.50	22.50	21.34	8.66				
				261.880	-17.780	-4.590	0.50	22.50	7.65	22.35				
								22.50	21.34	22.35				

6	M	0.90	0.90	377.973	-4.140	-46.710	0.50	40.50	40.39	13.61
				642.220	-4.140	50.990	0.50	40.50	40.41	13.59
				641.850	-102.090	4.100	0.50	40.50	13.52	40.48
								40.50	40.41	40.48
6	L	0.90	0.90	378.785	4.140	-52.290	0.50	40.50	40.42	13.58
				641.480	4.140	56.570	0.50	40.50	40.43	13.57
				640.620	106.860	4.100	0.50	40.50	13.52	40.48
								40.50	40.43	40.48
6	K	0.50	0.90	182.943	-5.510	-36.392	0.50	22.50	21.94	8.06
				316.100	-5.510	41.190	0.50	22.50	22.07	7.93
				376.270	-23.680	3.610	0.50	22.50	7.55	22.45
								22.50	22.07	22.45
7	N	0.50	0.90	182.592	5.510	-22.630	0.50	22.50	21.06	8.94
				304.440	5.510	-24.890	0.50	22.50	21.31	8.69
				242.980	-17.710	4.150	0.50	22.50	7.63	22.37
								22.50	21.31	22.37
7	M	0.90	0.90	378.000	-4.140	-46.631	0.50	40.50	40.39	13.61
				641.840	-4.140	50.930	0.50	40.50	40.41	13.59
				641.650	-102.090	4.110	0.50	40.50	13.52	40.48
								40.50	40.41	40.48
7	L	0.90	0.90	377.152	4.140	-52.201	0.50	40.50	40.42	13.58
				642.760	4.140	56.500	0.50	40.50	40.43	13.57
				640.420	106.080	4.110	0.50	40.50	13.52	40.48
								40.50	40.43	40.48
7	K	0.50	0.90	175.797	-5.510	-38.632	0.50	22.50	22.01	7.99
				297.210	-5.510	-40.850	0.50	22.50	22.06	7.94
				357.350	-23.520	-3.280	0.50	22.50	7.55	22.45
								22.50	22.06	22.45
8	N	0.50	0.90	191.360	5.530	-23.498	0.50	22.50	21.15	8.85
				325.570	5.530	28.240	0.50	22.50	21.57	8.43
				388.940	25.540	3.590	0.50	22.50	7.55	22.45
								22.50	21.57	22.45
8	M	0.90	0.90	356.123	-4.180	-43.473	0.50	40.50	40.38	13.62
				603.790	-4.180	46.750	0.50	40.50	40.39	13.61
				600.930	-80.510	3.520	0.50	40.50	13.53	40.47
								40.50	40.39	40.47
8	L	0.90	0.90	361.135	4.180	-47.733	0.50	40.50	40.40	13.60
				605.360	4.180	51.010	0.50	40.50	40.41	13.59
				605.630	96.830	3.520	0.50	40.50	13.52	40.48
								40.50	40.41	40.48
8	K	0.50	0.90	185.562	-5.530	-38.349	0.50	22.50	21.99	8.01
				319.140	-5.530	42.850	0.50	22.50	22.10	7.90
				384.100	-19.990	3.430	0.50	22.50	7.57	22.43
								22.50	22.10	22.43

9	N	0.50	0.50	185.930	24.620	1.780	0.82	20.53	6.88	20.49
				182.530	4.660	10.880	0.50	12.50	11.74	4.93
								20.53	11.74	20.49
9	M	0.90	0.50	94.741	5.150	-18.754	0.50	22.50	22.33	7.67
				195.640	5.150	-21.700	0.50	22.50	22.37	7.63
				277.330	-26.020	7.130	0.50	22.50	9.32	20.68
								22.50	22.37	20.68
9	L	0.90	0.50	97.044	-5.150	-19.294	0.50	22.50	22.34	7.66
				198.380	-5.150	-22.240	0.50	22.50	22.38	7.62
				281.390	30.980	7.130	0.50	22.50	8.79	21.21
								22.50	22.38	21.21
9	K	0.50	0.50	182.360	-38.270	1.380	1.39	34.65	11.56	34.63
				179.140	-4.660	16.550	0.50	12.50	12.17	4.50
								34.65	12.17	34.63

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	93.05 46.87	-2.72 -2.26	2.69 2.26	1.30 0.31	-1.30 -0.31	28.52	6.95	5.91	-25.69	6.37	5.01	0.00	0.00
4	M	0.90	0.50	147.56 67.93	3.57 2.94	-2.11 -2.92	1.99 0.44	-3.88 -2.44	-22.57	9.51	5.14	-46.35	11.12	10.24	0.00	0.00
4	L	0.90	0.50	151.40 67.98	-3.57 -2.94	2.11 2.92	2.52 0.47	-3.88 -2.44	22.56	9.40	4.60	-47.16	11.35	10.22	0.00	0.00
4	K	0.50	0.50	89.76 46.82	2.72 2.26	-2.69 -2.26	0.99 0.28	-0.99 -0.28	-28.51	6.86	5.54	-25.76	6.36	4.34	0.00	0.00
5	N	0.50	0.90	183.60 91.62	-3.97 -2.55	3.96 2.55	1.40 2.60	-1.40 -2.60	53.82	14.60	16.20	-0.32	16.62	18.55	0.00	0.00
5	M	0.90	0.90	355.83 170.82	0.85 3.53	-0.44 -3.52	1.94 3.11	0.59 3.58	-1.99	30.51	20.12	-3.57	26.79	15.42	0.00	0.00
5	L	0.90	0.90	359.37 170.63	-0.85 -3.53	0.44 3.52	1.63 3.16	0.59 3.58	2.92	30.24	18.74	-2.12	26.93	13.67	0.00	0.00
5	K	0.50	0.90	177.50 92.03	3.97 2.55	-3.96 -2.55	1.29 2.51	-1.29 -2.51	-54.74	14.59	16.06	-0.35	17.71	20.95	0.00	0.00
6	N	0.50	0.90	189.30 101.26	-3.96 -2.54	3.96 2.54	-1.68 -2.91	1.68 2.91	51.72	13.67	14.52	0.03	16.54	17.58	0.00	0.00
6	M	0.90	0.90	377.01 200.22	0.43 3.51	-0.43 -3.51	-0.26 -3.47	0.19 3.47	-0.15	30.00	17.56	0.10	27.89	15.23	0.00	0.00
6	L	0.90	0.90	376.98 200.32	-0.43 -3.51	0.43 3.51	-0.25 -3.47	0.19 3.47	-0.72	29.93	16.98	-0.52	27.98	13.19	0.00	0.00
6	K	0.50	0.90	182.44 101.60	3.96 2.54	-3.96 -2.54	-1.63 -2.83	1.63 2.83	-50.86	13.90	15.42	0.03	17.72	20.21	0.00	0.00
7	N	0.50	0.90	182.10 91.44	-3.96 -2.54	3.96 2.54	1.49 2.66	-1.49 -2.66	51.71	13.66	14.53	-0.03	16.54	17.59	0.00	0.00
7	M	0.90	0.90	376.83 200.19	0.43 3.51	-0.43 -3.51	-0.12 -3.39	0.19 3.47	-0.15	29.95	17.64	-0.10	27.89	15.26	0.00	0.00
7	L	0.90	0.90	376.80 200.29	-0.43 -3.51	0.43 3.51	-0.13 -3.39	0.19 3.47	-0.72	29.89	17.13	0.52	27.97	13.24	0.00	0.00
7	K	0.50	0.90	175.30 91.73	3.96 2.54	-3.96 -2.54	1.46 2.60	-1.46 -2.60	-50.85	13.89	15.41	-0.03	17.72	20.20	0.00	0.00
8	N	0.50	0.90	191.00 101.56	-3.96 -2.55	3.96 2.55	-1.59 -2.86	1.59 2.86	53.78	14.59	16.25	0.32	16.59	18.55	0.00	0.00
8	M	0.90	0.90	356.60	0.44	-0.44	-2.13	-0.21	-1.99	30.39	20.42	3.57	26.71	15.67	0.00	0.00

				177.78	3.51	-3.52	-3.35	3.38								
8	L	0.90	0.90	360.17	-0.44	0.44	-1.82	-0.21	2.91	30.12	19.04	2.12	26.85	13.95	0.00	0.00
				177.55	-3.51	3.53	-3.41	3.38								
8	K	0.50	0.90	184.96	3.96	-3.96	-1.47	1.47	-54.71	14.48	15.95	0.37	17.69	21.11	0.00	0.00
				102.07	2.55	-2.55	-2.75	2.75								
9	N	0.50	0.50	89.86	-2.25	2.24	-1.30	1.30	28.49	6.91	5.92	25.69	6.34	5.03	0.00	0.00
				46.95	-1.99	2.01	-0.31	0.31								
9	M	0.90	0.50	146.94	3.42	-2.19	-1.99	3.96	-22.54	9.42	5.48	46.35	11.12	10.24	0.00	0.00
				72.91	3.00	-2.96	-0.44	2.55								
9	L	0.90	0.50	150.81	-3.42	2.19	-2.52	3.96	22.52	9.34	5.18	47.16	11.31	10.38	0.00	0.00
				72.96	-3.00	2.96	-0.47	2.55								
9	K	0.50	0.50	86.57	2.25	-2.24	-0.98	0.98	-28.47	6.68	4.94	25.74	6.18	3.76	0.00	0.00
				46.90	1.99	-2.01	-0.28	0.28								

9TsOPsi6.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 5.KAT KOLON ÇÖZÜMLERİ

BETON = BS20 DEMİR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	109.435	4.950	-6.180	0.50	12.50	9.83	6.84				
				114.230	-4.980	7.980	0.50	12.50	10.88	5.79				
				111.400	-11.930	1.610	0.50	12.50	4.24	12.42				
								12.50	10.88	12.42				
4	M	0.90	0.50	179.154	-5.030	-13.732	0.50	22.50	22.19	7.81				
				261.840	-5.030	-16.560	0.50	22.50	22.29	7.71				
				192.520	16.020	2.430	0.50	22.50	8.06	21.94				
								22.50	22.29	21.94				
4	L	0.90	0.50	183.420	5.030	-13.712	0.50	22.50	22.19	7.81				
				266.540	5.030	-16.540	0.50	22.50	22.29	7.71				
				196.820	-15.910	2.990	0.50	22.50	8.36	21.64				
								22.50	22.29	21.64				
4	K	0.50	0.50	106.544	4.980	-5.469	0.50	12.50	9.05	7.62				
				110.820	4.980	7.630	0.50	12.50	10.72	5.94				
				108.070	11.840	1.270	0.50	12.50	4.21	12.45				
								12.50	10.72	12.45				
5	N	0.50	0.90	165.560	6.510	-19.810	0.50	22.50	19.88	10.12				
				275.540	6.510	-22.550	0.50	22.50	20.47	9.53				
				329.040	22.710	-4.000	0.50	22.50	7.57	22.43				
								22.50	20.47	22.43				
5	M	0.90	0.90	323.817	4.380	-25.044	0.50	40.50	40.09	13.91				
				523.080	4.380	31.840	0.50	40.50	40.24	13.76				
				524.660	34.890	5.050	0.50	40.50	13.78	40.22				
								40.50	40.24	40.22				
5	L	0.90	0.90	325.553	-4.380	-25.463	0.50	40.50	40.10	13.90				
				527.880	-4.380	31.720	0.50	40.50	40.24	13.76				
				527.080	-34.620	4.790	0.50	40.50	13.76	40.24				
								40.50	40.24	40.24				
5	K	0.50	0.90	160.100	-6.510	-22.111	0.50	22.50	20.39	9.61				
				269.880	-6.510	-24.750	0.50	22.50	20.82	9.18				
				324.270	-22.570	-3.800	0.50	22.50	7.57	22.43				
								22.50	20.82	22.43				
6	N	0.50	0.90	170.340	-6.500	-18.052	0.50	22.50	19.35	10.65				
				290.590	6.500	22.170	0.50	22.50	20.41	9.59				
				342.280	21.020	4.590	0.50	22.50	7.61	22.39				

								22.50	20.41	22.39
6	M	0.90	0.90	339.209	3.940	-28.124	0.50	40.50	40.24	13.76
				577.130	3.940	-31.620	0.50	40.50	40.29	13.71
				577.080	33.940	-3.730	0.50	40.50	13.66	40.34
								40.50	40.29	40.34
6	L	0.90	0.90	339.802	-3.940	-28.205	0.50	40.50	40.24	13.76
				577.820	-3.940	-31.700	0.50	40.50	40.29	13.71
				578.020	-33.870	-3.720	0.50	40.50	13.66	40.34
								40.50	40.29	40.34
6	K	0.50	0.90	164.166	6.500	-19.187	0.50	22.50	19.71	10.29
				284.070	-6.500	24.670	0.50	22.50	20.81	9.19
				334.900	-21.920	4.460	0.50	22.50	7.60	22.40
								22.50	20.81	22.40
7	N	0.50	0.90	163.920	6.500	-18.931	0.50	22.50	19.64	10.36
				273.570	6.500	-21.740	0.50	22.50	20.33	9.67
				325.250	21.030	-4.150	0.50	22.50	7.59	22.41
								22.50	20.33	22.41
7	M	0.90	0.90	339.247	3.940	-27.998	0.50	40.50	40.23	13.77
				577.120	3.940	-31.400	0.50	40.50	40.29	13.71
				576.870	33.890	-3.510	0.50	40.50	13.64	40.36
								40.50	40.29	40.36
7	L	0.90	0.90	338.600	-3.940	-28.087	0.50	40.50	40.23	13.77
				576.570	-3.940	-31.490	0.50	40.50	40.29	13.71
				577.810	-33.830	-3.520	0.50	40.50	13.65	40.35
								40.50	40.29	40.35
7	K	0.50	0.90	157.800	-6.500	-21.514	0.50	22.50	20.28	9.72
				267.060	-6.500	-24.260	0.50	22.50	20.76	9.24
				317.880	-21.910	-4.060	0.50	22.50	7.58	22.42
								22.50	20.76	22.42
8	N	0.50	0.90	171.580	-6.510	-18.021	0.50	22.50	19.33	10.67
				292.880	6.510	23.000	0.50	22.50	20.55	9.45
				346.340	22.760	4.450	0.50	22.50	7.59	22.41
								22.50	20.55	22.41
8	M	0.90	0.90	317.370	3.950	-28.627	0.50	40.50	40.24	13.76
				530.810	3.950	-32.190	0.50	40.50	40.30	13.70
				532.390	34.340	-5.480	0.50	40.50	13.84	40.16
								40.50	40.30	40.16
8	L	0.90	0.90	322.033	-3.950	-28.488	0.50	40.50	40.24	13.76
				535.600	-3.950	-32.080	0.50	40.50	40.30	13.70
				534.810	-34.070	-5.230	0.50	40.50	13.82	40.18
								40.50	40.30	40.18
8	K	0.50	0.90	166.094	-6.510	-19.787	0.50	22.50	19.87	10.13
				287.400	-6.510	25.330	0.50	22.50	20.89	9.11
				341.740	-22.460	4.220	0.50	22.50	7.58	22.42

								22.50	20.89	22.42
9	N	0.50	0.50	55.184	-4.240	-7.510	0.50	12.50	11.17	5.49
				111.120	-4.240	-7.950	0.50	12.50	11.31	5.35
				108.320	-11.150	-1.610	0.50	12.50	4.25	12.41
								12.50	11.31	12.41
9	M	0.90	0.50	85.896	6.420	-12.911	0.50	22.50	21.93	8.07
				266.200	-5.150	16.750	0.50	22.50	22.28	7.72
				197.310	15.840	-2.430	0.50	22.50	8.07	21.93
								22.50	22.28	21.93
9	L	0.90	0.50	88.569	-6.420	-13.578	0.50	22.50	21.98	8.02
				270.930	5.150	16.890	0.50	22.50	22.28	7.72
				201.250	-15.760	-2.990	0.50	22.50	8.37	21.63
								22.50	22.28	21.63
9	K	0.50	0.50	52.173	4.240	-7.062	0.50	12.50	11.00	5.67
				107.730	4.240	-7.440	0.50	12.50	11.15	5.52
				105.000	10.920	-1.260	0.50	12.50	4.22	12.44
								12.50	11.15	12.44

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 6.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YMX	YMXU	YMXA	YMY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	82.56 41.65	-2.70 -2.27	2.72 2.26	1.30 0.31	-1.30 -0.31	23.67	6.13	5.74	-21.29	5.86	5.65	0.00	0.00
4	M	0.90	0.50	133.42 62.50	2.46 3.39	-3.57 -2.94	4.04 2.56	-1.99 -0.44	-17.71	10.11	4.04	-38.55	11.12	9.69	0.00	0.00
4	L	0.90	0.50	136.49 62.54	-2.46 -3.40	3.57 2.94	4.04 2.56	-2.52 -0.47	17.72	10.13	4.16	-39.22	11.36	9.73	0.00	0.00
4	K	0.50	0.50	79.64 41.61	2.70 2.27	-2.72 -2.26	0.98 0.28	-0.99 -0.28	-23.67	6.15	5.81	-21.31	5.94	5.79	0.00	0.00
5	N	0.50	0.90	162.72 81.48	-4.13 -2.67	3.97 2.55	1.63 3.03	-1.40 -2.60	44.16	12.25	10.71	-0.18	13.52	8.49	0.00	0.00
5	M	0.90	0.90	317.38 154.89	0.56 4.27	-0.85 -3.53	-0.75 -4.34	-1.94 -3.11	-0.95	30.31	21.78	-2.58	27.89	21.36	0.00	0.00
5	L	0.90	0.90	320.22 154.72	-0.57 -4.27	0.85 3.53	-0.75 -4.34	-1.63 -3.16	1.76	30.36	22.11	-1.34	28.08	21.53	0.00	0.00
5	K	0.50	0.90	157.30 81.86	4.13 2.67	-3.97 -2.55	1.49 2.90	-1.29 -2.51	-44.96	12.31	10.75	-0.17	13.57	7.60	0.00	0.00
6	N	0.50	0.90	167.71 90.05	-4.12 -2.66	3.96 2.54	-1.95 -3.39	1.68 2.91	42.53	11.75	10.36	0.02	13.59	8.84	0.00	0.00
6	M	0.90	0.90	333.88 178.38	0.55 4.26	-0.43 -3.51	-0.22 -4.21	0.26 3.47	-0.02	29.18	22.46	0.08	28.32	22.88	0.00	0.00
6	L	0.90	0.90	333.86 178.47	-0.55 -4.26	0.43 3.51	-0.22 -4.21	0.25 3.47	-0.74	29.20	22.63	-0.47	28.52	23.11	0.00	0.00
6	K	0.50	0.90	161.61 90.37	4.12 2.66	-3.96 -2.54	-1.89 -3.29	1.63 2.83	-41.77	11.71	10.18	0.02	13.62	7.93	0.00	0.00
7	N	0.50	0.90	161.31 81.31	-4.12 -2.66	3.96 2.54	1.74 3.11	-1.49 -2.66	42.53	11.75	10.36	-0.02	13.59	8.84	0.00	0.00
7	M	0.90	0.90	333.76 178.35	0.55 4.26	-0.43 -3.51	-0.23 -4.20	0.12 3.39	-0.02	29.17	22.48	-0.08	28.32	22.88	0.00	0.00
7	L	0.90	0.90	333.73 178.44	-0.55 -4.26	0.43 3.51	-0.23 -4.20	0.13 3.39	-0.74	29.18	22.63	0.47	28.52	23.10	0.00	0.00
7	K	0.50	0.90	155.27 81.59	4.12 2.66	-3.96 -2.54	1.69 3.02	-1.46 -2.60	-41.77	11.71	10.18	-0.02	13.62	7.94	0.00	0.00
8	N	0.50	0.90	169.30 90.32	-4.13 -2.67	3.96 2.55	-1.84 -3.32	1.59 2.86	44.15	12.28	10.73	0.18	13.51	8.49	0.00	0.00
8	M	0.90	0.90	316.74	0.57	-0.44	0.28	2.13	-0.95	30.26	21.80	2.58	27.85	21.37	0.00	0.00

				159.71	4.28	-3.51	-4.08	3.35								
8	L	0.90	0.90	319.59	-0.57	0.44	0.28	1.82	1.76	30.31	22.13	1.34	28.03	21.53	0.00	0.00
				159.51	-4.28	3.51	-4.08	3.41								
8	K	0.50	0.90	163.94	4.13	-3.96	-1.70	1.47	-44.95	12.25	10.75	0.17	13.56	7.55	0.00	0.00
				90.79	2.67	-2.55	-3.17	2.75								
9	N	0.50	0.50	79.72	-2.25	2.25	-1.29	1.30	23.66	6.12	5.74	21.29	5.85	5.65	0.00	0.00
				41.72	-2.02	1.99	-0.31	0.31								
9	N	0.90	0.50	133.06	2.53	-3.42	-4.12	1.99	-17.71	10.07	4.06	38.55	11.12	9.69	0.00	0.00
				67.37	3.43	-3.00	-2.67	0.44								
9	L	0.90	0.50	136.16	-2.53	3.42	-4.12	2.52	17.71	10.08	4.11	39.22	11.31	9.73	0.00	0.00
				67.42	-3.43	3.00	-2.67	0.47								
9	K	0.50	0.50	76.80	2.25	-2.25	-0.98	0.98	-23.66	6.16	5.94	21.31	5.95	5.92	0.00	0.00
				41.68	2.02	-1.99	-0.28	0.28								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6.KAT KOLON ÇÖZÜMLERİ

BETON = BS20 DEMİR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	95.594	4.980	-6.820	0.50	12.50	10.28	6.39				
				102.920	-4.970	7.470	0.50	12.50	10.66	6.01				
				100.540	-11.100	1.610	0.50	12.50	4.25	12.41				
								12.50	10.66	12.41				
4	M	0.90	0.50	158.628	-6.510	-11.481	0.50	22.50	21.76	8.24				
				157.370	5.850	17.720	0.50	22.50	22.25	7.75				
				178.210	15.960	6.600	0.50	22.50	11.66	18.34				
								22.50	22.25	18.34				
4	L	0.90	0.50	162.061	6.510	-11.998	0.50	22.50	21.82	8.18				
				159.810	-5.860	17.960	0.50	22.50	22.25	7.75				
				181.310	-15.990	6.600	0.50	22.50	11.64	18.36				
								22.50	22.25	18.36				
4	K	0.50	0.50	92.986	-4.980	-6.681	0.50	12.50	10.18	6.48				
				99.940	4.970	7.200	0.50	12.50	10.51	6.15				
				97.580	11.120	1.260	0.50	12.50	4.22	12.45				
								12.50	10.51	12.45				
5	N	0.50	0.90	146.628	-6.800	-12.053	0.50	22.50	14.77	15.23				
				244.020	-6.800	18.180	0.50	22.50	19.10	10.90				
				288.360	17.230	-4.000	0.50	22.50	7.62	22.38				
								22.50	19.10	22.38				
5	M	0.90	0.90	288.222	4.830	-28.565	0.50	40.50	40.11	13.89				
				474.850	4.830	-32.980	0.50	40.50	40.21	13.79				
				471.320	35.140	-5.090	0.50	40.50	13.78	40.22				
								40.50	40.21	40.22				
5	L	0.90	0.90	289.538	-4.840	-28.755	0.50	40.50	40.12	13.88				
				476.280	-4.840	-33.170	0.50	40.50	40.21	13.79				
				473.180	-35.200	-5.090	0.50	40.50	13.78	40.22				
								40.50	40.21	40.22				
5	K	0.50	0.90	141.740	6.800	-12.229	0.50	22.50	14.99	15.01				
				238.990	6.800	17.960	0.50	22.50	19.02	10.98				
				284.120	-17.270	-3.800	0.50	22.50	7.61	22.39				
								22.50	19.02	22.39				
6	N	0.50	0.90	150.919	-6.780	-15.345	0.50	22.50	17.76	12.24				
				257.740	-6.780	-18.930	0.50	22.50	19.38	10.62				
				300.290	16.860	4.590	0.50	22.50	7.67	22.33				

								22.50	19.38	22.33
6	M	0.90	0.90	300.412	4.810	-28.518	0.50	40.50	40.12	13.88
				512.180	4.810	-32.750	0.50	40.50	40.21	13.79
				512.240	33.990	-4.430	0.50	40.50	13.73	40.27
								40.50	40.21	40.27
6	L	0.90	0.90	300.944	-4.810	-28.718	0.50	40.50	40.12	13.88
				512.800	-4.810	-32.950	0.50	40.50	40.21	13.79
				513.070	-34.010	-4.430	0.50	40.50	13.73	40.27
								40.50	40.21	40.27
6	K	0.50	0.90	145.429	6.780	-15.321	0.50	22.50	17.74	12.26
				251.960	6.780	-18.800	0.50	22.50	19.34	10.66
				293.750	-16.680	4.460	0.50	22.50	7.67	22.33
								22.50	19.34	22.33
7	N	0.50	0.90	145.199	-6.780	-12.024	0.50	22.50	14.78	15.22
				242.600	-6.780	18.440	0.50	22.50	19.21	10.79
				285.150	16.860	-4.150	0.50	22.50	7.64	22.36
								22.50	19.21	22.36
7	M	0.90	0.90	300.464	4.810	-28.527	0.50	40.50	40.12	13.88
				512.190	4.810	-32.750	0.50	40.50	40.21	13.79
				512.090	33.980	-4.430	0.50	40.50	13.73	40.27
								40.50	40.21	40.27
7	L	0.90	0.90	299.887	-4.810	-28.727	0.50	40.50	40.12	13.88
				511.700	-4.810	-32.950	0.50	40.50	40.21	13.79
				512.910	-33.990	-4.430	0.50	40.50	13.73	40.27
								40.50	40.21	40.27
7	K	0.50	0.90	139.763	6.780	-12.099	0.50	22.50	14.87	15.13
				236.840	6.780	18.330	0.50	22.50	19.18	10.82
				278.630	-16.680	-4.060	0.50	22.50	7.64	22.36
								22.50	19.18	22.36
8	N	0.50	0.90	152.190	-6.800	-15.166	0.50	22.50	17.61	12.39
				259.440	-6.800	-18.670	0.50	22.50	19.28	10.72
				303.770	17.240	4.450	0.50	22.50	7.65	22.35
								22.50	19.28	22.35
8	M	0.90	0.90	282.486	4.850	-27.598	0.50	40.50	40.08	13.92
				479.030	-3.950	26.850	0.50	40.50	40.21	13.79
				475.500	35.110	-3.800	0.50	40.50	13.66	40.34
								40.50	40.21	40.34
8	L	0.90	0.90	286.291	-4.850	-27.778	0.50	40.50	40.09	13.91
				480.440	3.950	26.760	0.50	40.50	40.21	13.79
				477.340	-35.160	-3.800	0.50	40.50	13.66	40.34
								40.50	40.21	40.34
8	K	0.50	0.90	147.376	6.800	-15.090	0.50	22.50	17.57	12.43
				254.560	6.800	-18.430	0.50	22.50	19.19	10.81
				299.680	-17.260	4.220	0.50	22.50	7.64	22.36

								22.50	19.19	22.36
9	N	0.50	0.50	50.458	-4.270	-7.011	0.50	12.50	10.95	5.71
				100.150	-4.270	-7.450	0.50	12.50	11.13	5.54
				97.780	-10.390	-1.600	0.50	12.50	4.27	12.40
								12.50	11.13	12.40
9	M	0.90	0.50	81.204	5.960	-14.828	0.50	22.50	22.13	7.87
				161.880	5.960	-17.910	0.50	22.50	22.24	7.76
				182.720	16.030	-6.790	0.50	22.50	11.86	18.14
								22.50	22.24	18.14
9	L	0.90	0.50	83.324	-5.960	-15.018	0.50	22.50	22.14	7.86
				164.360	-5.960	-18.100	0.50	22.50	22.25	7.75
				185.870	-16.040	-6.790	0.50	22.50	11.85	18.15
								22.50	22.25	18.15
9	K	0.50	0.50	47.810	4.270	-6.832	0.50	12.50	10.87	5.79
				139.790	-4.240	7.180	0.50	12.50	11.05	5.62
				94.820	10.430	-1.260	0.50	12.50	4.23	12.44
								12.50	11.05	12.44

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 7.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	72.07 36.44	-2.71 -2.28	2.70 2.27	1.29 0.31	-1.30 -0.31	19.20	6.06	5.61	-17.16	5.86	5.40	0.00	0.00
4	M	0.80	0.50	113.08 52.39	2.07 2.85	-1.73 -2.38	3.75 2.40	-3.59 -2.28	-15.03	10.63	7.71	-30.62	10.75	10.01	0.00	0.00
4	L	0.80	0.50	116.15 52.43	-2.07 -2.85	1.73 2.38	3.75 2.40	-3.59 -2.28	15.03	10.62	7.69	-31.13	10.94	10.09	0.00	0.00
4	K	0.50	0.50	69.51 36.40	2.71 2.28	-2.70 -2.27	0.97 0.28	-0.98 -0.28	-19.20	6.06	5.60	-17.16	5.87	5.36	0.00	0.00
5	N	0.50	0.80	141.83 71.33	-3.83 -2.50	3.67 2.37	1.36 2.54	-1.14 -2.12	35.48	11.46	10.73	-0.17	12.93	10.29	0.00	0.00
5	M	0.80	0.80	273.79 132.83	0.47 3.38	-0.35 -2.67	-0.61 -3.43	0.47 2.71	-1.07	25.67	19.99	-2.33	23.98	18.66	0.00	0.00
5	L	0.80	0.80	276.62 132.65	-0.48 -3.38	0.35 2.67	-0.61 -3.43	0.47 2.71	1.72	25.66	19.93	-1.37	24.00	18.57	0.00	0.00
5	K	0.50	0.80	137.09 71.67	3.83 2.50	-3.67 -2.37	1.24 2.41	-1.05 -2.04	-36.12	11.49	10.75	-0.17	13.00	10.38	0.00	0.00
6	N	0.50	0.80	146.12 78.83	-3.83 -2.50	3.66 2.37	-1.64 -2.85	1.37 2.38	34.14	10.97	10.25	0.02	12.90	10.21	0.00	0.00
6	M	0.80	0.80	290.81 156.46	0.46 3.37	-0.34 -2.66	-0.16 -3.34	0.14 2.63	0.01	24.22	18.75	0.08	23.80	18.53	0.00	0.00
6	L	0.80	0.80	290.77 156.55	-0.47 -3.37	0.34 2.66	-0.16 -3.34	0.14 2.63	-0.62	24.21	18.72	-0.33	23.82	18.43	0.00	0.00
6	K	0.50	0.80	140.77 79.13	3.82 2.50	-3.66 -2.37	-1.58 -2.75	1.33 2.31	-33.54	10.98	10.28	0.02	12.97	10.29	0.00	0.00
7	N	0.50	0.80	140.53 71.18	-3.83 -2.50	3.66 2.37	1.46 2.62	-1.22 -2.18	34.14	10.97	10.25	-0.02	12.90	10.21	0.00	0.00
7	M	0.80	0.80	290.67 156.44	0.46 3.37	-0.34 -2.66	-0.18 -3.34	0.14 2.63	0.01	24.22	18.76	-0.08	23.80	18.53	0.00	0.00
7	L	0.80	0.80	290.63 156.52	-0.47 -3.37	0.34 2.66	-0.18 -3.34	0.14 2.63	-0.62	24.21	18.73	0.33	23.82	18.43	0.00	0.00
7	K	0.50	0.80	135.24 71.44	3.82 2.50	-3.66 -2.37	1.42 2.53	-1.19 -2.12	-33.53	10.98	10.28	-0.02	12.97	10.29	0.00	0.00
8	N	0.50	0.80	147.59 79.07	-3.83 -2.51	3.67 2.38	-1.54 -2.78	1.30 2.33	35.47	11.49	10.75	0.17	12.93	10.29	0.00	0.00
8	M	0.80	0.80	273.20	0.48	-0.35	0.25	-0.18	-1.07	25.66	20.01	2.33	23.97	18.68	0.00	0.00

				137.63	3.38	-2.67	3.21	2.55								
8	L	0.80	0.80	276.05	-0.48	0.36	0.25	-0.18	1.72	25.65	19.95	1.37	23.99	18.59	0.00	0.00
				137.43	-3.39	2.67	3.21	2.55								
8	K	0.50	0.80	142.91	3.83	-3.67	-1.41	1.19	-36.12	11.45	10.73	0.17	13.00	10.39	0.00	0.00
				79.50	2.51	-2.38	-2.64	2.23								
9	N	0.50	0.50	69.59	-2.26	2.25	-1.29	1.29	19.19	6.06	5.61	17.16	5.86	5.40	0.00	0.00
				36.50	-2.04	2.02	-0.31	0.31								
9	M	0.80	0.50	112.52	2.11	-1.78	-3.83	3.67	-15.03	10.62	7.74	30.62	10.75	10.01	0.00	0.00
				56.14	2.86	-2.41	-2.51	2.38								
9	L	0.80	0.50	115.62	-2.11	1.78	-3.83	3.67	15.03	10.62	7.73	31.13	10.93	10.11	0.00	0.00
				56.18	-2.86	2.41	-2.51	2.38								
9	K	0.50	0.50	67.03	2.26	-2.25	-0.97	0.98	-19.19	6.05	5.57	17.16	5.86	5.34	0.00	0.00
				36.46	2.04	-2.02	-0.28	0.28								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 7.KAT KOLON ÇÖZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	82.023	4.970	-6.570	0.50	12.50	10.12	6.55				
				91.350	-4.990	7.460	0.50	12.50	10.64	6.03				
				89.310	-11.050	1.600	0.50	12.50	4.25	12.41				
								12.50	10.64	12.41				
4	M	0.80	0.50	132.392	-4.110	-13.241	0.50	20.00	19.75	6.92				
				196.090	-4.110	-15.880	0.50	20.00	19.83	6.84				
				150.440	15.550	6.150	0.50	20.00	9.34	17.33				
								20.00	19.83	17.33				
4	L	0.80	0.50	135.665	4.110	-13.321	0.50	20.00	19.75	6.91				
				199.710	4.110	-15.960	0.50	20.00	19.83	6.84				
				153.550	-15.540	6.150	0.50	20.00	9.34	17.33				
								20.00	19.83	17.33				
4	K	0.50	0.50	79.719	-4.970	-6.242	0.50	12.50	9.86	6.81				
				88.750	4.990	7.120	0.50	12.50	10.45	6.21				
				86.710	11.050	1.250	0.50	12.50	4.22	12.45				
								12.50	10.45	12.45				
5	N	0.50	0.80	127.817	-6.330	-11.706	0.50	20.00	15.01	11.66				
				212.990	-6.330	16.830	0.50	20.00	17.59	9.08				
				248.640	16.770	-3.260	0.50	20.00	6.77	19.90				
								20.00	17.59	19.90				
5	M	0.80	0.80	248.741	3.850	-24.529	0.50	32.00	31.74	10.93				
				408.950	3.850	-28.020	0.50	32.00	31.80	10.87				
				405.550	29.520	-4.040	0.50	32.00	10.87	31.80				
								32.00	31.80	31.80				
5	L	0.80	0.80	250.328	-3.860	-24.549	0.50	32.00	31.74	10.93				
				410.640	-3.860	-28.040	0.50	32.00	31.80	10.87				
				407.550	-29.520	-4.040	0.50	32.00	10.87	31.80				
								32.00	31.80	31.80				
5	K	0.50	0.80	123.551	6.330	-11.884	0.50	20.00	15.16	11.51				
				208.590	6.330	16.650	0.50	20.00	17.53	9.13				
				244.880	-16.790	-3.090	0.50	20.00	6.75	19.91				
								20.00	17.53	19.91				
6	N	0.50	0.80	131.488	-6.330	-14.376	0.50	20.00	16.69	9.98				
				224.930	-6.330	-17.390	0.50	20.00	17.74	8.93				
				259.090	16.280	3.750	0.50	20.00	6.80	19.86				

								20.00	17.74	19.86
6	M	0.80	0.80	261.649	3.830	-23.944	0.50	32.00	31.73	10.94
				447.190	3.830	-27.300	0.50	32.00	31.79	10.88
				447.280	28.050	-3.500	0.50	32.00	10.83	31.83
								32.00	31.79	31.83
6	L	0.80	0.80	262.023	-3.840	-23.964	0.50	32.00	31.73	10.94
				447.650	-3.840	-27.320	0.50	32.00	31.79	10.88
				447.940	-28.050	-3.500	0.50	32.00	10.83	31.83
								32.00	31.79	31.83
6	K	0.50	0.80	126.673	6.320	-14.392	0.50	20.00	16.71	9.96
				219.880	6.320	-17.300	0.50	20.00	17.72	8.94
				253.440	-16.310	3.640	0.50	20.00	6.80	19.87
								20.00	17.72	19.87
7	N	0.50	0.80	126.497	-6.330	-11.586	0.50	20.00	14.91	11.76
				211.690	-6.330	16.980	0.50	20.00	17.63	9.04
				245.850	16.280	-3.400	0.50	20.00	6.78	19.89
								20.00	17.63	19.89
7	M	0.80	0.80	261.683	3.830	-23.962	0.50	32.00	31.73	10.94
				447.190	3.830	-27.320	0.50	32.00	31.79	10.88
				447.120	28.050	-3.520	0.50	32.00	10.83	31.83
								32.00	31.79	31.83
7	L	0.80	0.80	261.237	-3.840	-23.982	0.50	32.00	31.73	10.94
				446.820	-3.840	-27.340	0.50	32.00	31.79	10.88
				447.770	-28.050	-3.520	0.50	32.00	10.83	31.83
								32.00	31.79	31.83
7	K	0.50	0.80	121.736	6.320	-11.692	0.50	20.00	15.01	11.65
				206.660	6.320	16.920	0.50	20.00	17.62	9.05
				240.210	-16.310	-3.310	0.50	20.00	6.77	19.89
								20.00	17.62	19.89
8	N	0.50	0.80	132.661	-6.340	-14.316	0.50	20.00	16.65	10.01
				226.490	-6.340	-17.250	0.50	20.00	17.69	8.97
				262.130	16.800	3.630	0.50	20.00	6.79	19.88
								20.00	17.69	19.88
8	M	0.80	0.80	243.550	3.860	-23.745	0.50	32.00	31.72	10.95
				413.160	3.860	27.430	0.50	32.00	31.79	10.88
				411.900	-23.030	2.370	0.50	32.00	10.78	31.89
								32.00	31.79	31.89
8	L	0.80	0.80	247.075	-3.870	-23.765	0.50	32.00	31.72	10.95
				414.850	-3.870	27.450	0.50	32.00	31.79	10.88
				415.200	22.980	2.370	0.50	32.00	10.78	31.89
								32.00	31.79	31.89
8	K	0.50	0.80	128.449	6.340	-14.269	0.50	20.00	16.63	10.04
				222.240	6.340	-17.050	0.50	20.00	17.64	9.03
				258.530	-16.780	3.420	0.50	20.00	6.77	19.89

								20.00	17.64	19.89
9	N	0.50	0.50	45.471	-4.300	-7.021	0.50	12.50	10.94	5.73
				88.930	-4.300	-7.460	0.50	12.50	11.12	5.55
				86.900	-10.360	-1.600	0.50	12.50	4.27	12.40
								12.50	11.12	12.40
9	M	0.80	0.50	70.648	4.970	-14.197	0.50	20.00	19.68	6.99
				199.280	-4.190	16.060	0.50	20.00	19.82	6.84
				153.630	15.590	-6.340	0.50	20.00	9.49	17.18
								20.00	19.82	17.18
9	L	0.80	0.50	72.928	-4.970	-14.377	0.50	20.00	19.69	6.98
				202.930	4.190	16.160	0.50	20.00	19.82	6.84
				156.770	-15.590	-6.340	0.50	20.00	9.49	17.18
								20.00	19.82	17.18
9	K	0.50	0.50	43.167	4.300	-6.733	0.50	12.50	10.80	5.87
				86.330	4.300	-7.110	0.50	12.50	10.98	5.69
				84.300	10.350	-1.250	0.50	12.50	4.23	12.44
								12.50	10.98	12.44

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 8.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	61.58 31.22	-2.75 -2.28	2.71 2.28	1.29 0.31	-1.29 -0.31	15.04	5.60	4.88	-13.32	5.30	4.63	0.00	0.00
4	M	0.80	0.50	93.11 42.28	3.50 2.89	-2.07 -2.85	1.90 0.43	-3.75 -2.40	-12.53	7.49	5.71	-23.41	8.88	8.52	0.00	0.00
4	L	0.80	0.50	96.18 42.32	-3.50 -2.89	2.07 2.85	2.43 0.47	-3.75 -2.40	12.53	7.49	5.72	-23.81	8.99	8.59	0.00	0.00
4	K	0.50	0.50	59.39 31.19	2.75 2.28	-2.71 -2.28	0.97 0.28	-0.97 -0.28	-15.04	5.60	4.88	-13.32	5.30	4.63	0.00	0.00
5	N	0.50	0.80	121.29 61.16	-3.85 -2.50	3.83 2.50	1.36 2.54	-1.36 -2.54	27.56	10.48	9.55	-0.19	12.00	8.84	0.00	0.00
5	M	0.80	0.80	231.36 110.68	1.07 3.40	-0.47 -3.38	1.78 2.95	0.61 3.43	-1.06	23.08	19.58	-2.21	21.47	17.91	0.00	0.00
5	L	0.80	0.80	234.18 110.49	-1.07 -3.40	0.48 3.38	1.50 3.03	0.61 3.43	1.59	23.08	19.59	-1.47	21.48	17.92	0.00	0.00
5	K	0.50	0.80	117.24 61.47	3.85 2.50	-3.83 -2.50	1.24 2.41	-1.24 -2.41	-28.09	10.52	9.57	-0.19	12.01	8.80	0.00	0.00
6	N	0.50	0.80	124.89 67.60	-3.83 -2.50	3.83 2.50	-1.64 -2.85	1.64 2.85	26.53	9.99	9.12	0.02	11.98	8.83	0.00	0.00
6	M	0.80	0.80	248.93 134.44	0.46 3.37	-0.46 -3.37	-0.27 -3.33	0.16 3.34	0.13	22.95	18.92	0.08	22.32	18.20	0.00	0.00
6	L	0.80	0.80	248.89 134.52	-0.47 -3.37	0.47 3.37	-0.26 -3.34	0.16 3.34	-0.63	22.95	18.93	-0.22	22.33	18.20	0.00	0.00
6	K	0.50	0.80	120.30 67.86	3.82 2.50	-3.82 -2.50	-1.58 -2.75	1.58 2.75	-26.03	9.99	9.12	0.02	11.98	8.79	0.00	0.00
7	N	0.50	0.80	120.10 61.03	-3.83 -2.50	3.83 2.50	1.46 2.62	-1.46 -2.62	26.53	9.99	9.12	-0.02	11.98	8.83	0.00	0.00
7	M	0.80	0.80	248.78 134.42	0.46 3.37	-0.46 -3.37	-0.08 -3.22	0.18 3.34	0.13	22.95	18.93	-0.08	22.32	18.20	0.00	0.00
7	L	0.80	0.80	248.74 134.50	-0.47 -3.37	0.47 3.37	-0.09 -3.22	0.18 3.34	-0.63	22.95	18.93	0.22	22.33	18.20	0.00	0.00
7	K	0.50	0.80	115.57 61.27	3.82 2.50	-3.82 -2.50	1.42 2.53	-1.42 -2.53	-26.03	9.99	9.12	-0.02	11.98	8.79	0.00	0.00
8	N	0.50	0.80	126.24 67.81	-3.87 -2.51	3.83 2.51	-1.54 -2.78	1.54 2.78	27.56	10.52	9.57	0.19	12.00	8.84	0.00	0.00
8	M	0.80	0.80	230.84	1.45	-0.48	-1.95	-0.25	-1.06	23.08	19.58	2.21	21.47	17.91	0.00	0.00

				115.47	3.37	-3.38	-3.18	-3.21								
8	L	0.80	0.80	233.68	-1.45	0.48	-1.67	-0.25	1.59	23.08	19.59	1.47	21.48	17.92	0.00	0.00
				115.25	-3.37	3.39	-3.25	-3.21								
8	K	0.50	0.80	122.24	3.87	-3.83	-1.41	1.41	-28.09	10.48	9.55	0.19	12.01	8.79	0.00	0.00
				68.19	2.51	-2.51	-2.64	2.64								
9	N	0.50	0.50	59.45	-2.29	2.26	-1.29	1.29	15.04	5.60	4.88	13.32	5.30	4.63	0.00	0.00
				31.27	-2.03	2.04	-0.31	0.31								
9	M	0.80	0.50	92.36	3.32	-2.11	-1.89	3.83	-12.53	7.49	5.71	23.41	8.88	8.52	0.00	0.00
				44.92	2.91	-2.86	-0.43	2.51								
9	L	0.80	0.50	95.46	-3.32	2.11	-2.42	3.83	12.53	7.49	5.71	23.81	8.99	8.59	0.00	0.00
				44.95	-2.91	2.86	-0.47	2.51								
9	K	0.50	0.50	57.26	2.29	-2.26	-0.97	0.97	-15.04	5.60	4.89	13.32	5.30	4.64	0.00	0.00
				31.24	2.03	-2.04	-0.28	0.28								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 8.KAT KOLON ÇöZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	68.742	4.990	-5.791	0.50	12.50	9.41	7.26				
				79.480	-5.030	6.900	0.50	12.50	10.29	6.38				
				77.760	-10.630	1.600	0.50	12.50	4.26	12.41				
								12.50	10.29	12.41				
4	M	0.80	0.50	107.209	-4.920	-11.895	0.50	20.00	19.55	7.11				
				158.800	-4.920	-14.670	0.50	20.00	19.71	6.96				
				122.860	13.880	2.330	0.50	20.00	7.15	19.52				
								20.00	19.71	19.52				
4	L	0.80	0.50	110.372	4.920	-11.965	0.50	20.00	19.56	7.11				
				162.310	4.920	-14.740	0.50	20.00	19.71	6.96				
				125.970	-13.880	2.900	0.50	20.00	7.41	19.25				
								20.00	19.71	19.25				
4	K	0.50	0.50	66.771	-4.990	-5.503	0.50	12.50	9.07	7.59				
				77.260	5.030	6.550	0.50	12.50	10.04	6.62				
				75.540	10.630	1.250	0.50	12.50	4.22	12.44				
								12.50	10.04	12.44				
5	N	0.50	0.80	109.351	-6.350	-10.776	0.50	20.00	14.07	12.59				
				182.260	-6.350	15.900	0.50	20.00	17.28	9.39				
				154.890	-16.830	3.900	0.50	20.00	6.81	19.86				
								20.00	17.28	19.86				
5	M	0.80	0.80	210.434	4.470	-19.868	0.50	32.00	31.46	11.21				
				339.830	4.470	26.200	0.50	32.00	31.69	10.98				
				340.980	27.550	4.730	0.50	32.00	10.98	31.69				
								32.00	31.69	31.69				
5	L	0.80	0.80	212.232	-4.470	-20.130	0.50	32.00	31.47	11.19				
				343.200	-4.470	26.010	0.50	32.00	31.68	10.98				
				343.080	-27.550	4.530	0.50	32.00	10.96	31.71				
								32.00	31.68	31.71				
5	K	0.50	0.80	105.706	6.350	-10.894	0.50	20.00	14.20	12.47				
				178.520	6.350	15.660	0.50	20.00	17.19	9.47				
				150.620	16.870	3.650	0.50	20.00	6.79	19.88				
								20.00	17.19	19.88				
6	N	0.50	0.80	112.381	-6.330	-13.456	0.50	20.00	16.22	10.44				
				192.470	-6.330	-16.470	0.50	20.00	17.48	9.19				
				165.960	-16.320	-4.490	0.50	20.00	6.86	19.80				

								20.00	17.48	19.80
6	M	0.80	0.80	223.957	3.830	-22.563	0.50	32.00	31.69	10.97
				383.290	3.830	-25.920	0.50	32.00	31.77	10.90
				383.500	26.780	-3.600	0.50	32.00	10.86	31.81
								32.00	31.77	31.81
6	L	0.80	0.80	224.221	-3.840	-22.564	0.50	32.00	31.69	10.98
				383.630	-3.840	-25.930	0.50	32.00	31.77	10.90
				384.040	-26.790	-3.600	0.50	32.00	10.86	31.81
								32.00	31.77	31.81
6	K	0.50	0.80	108.250	6.320	-13.402	0.50	20.00	16.20	10.46
				188.140	6.320	-16.310	0.50	20.00	17.44	9.23
				162.130	16.310	-4.330	0.50	20.00	6.85	19.82
								20.00	17.44	19.82
7	N	0.50	0.80	108.110	-6.330	-10.666	0.50	20.00	13.99	12.68
				181.110	-6.330	16.060	0.50	20.00	17.35	9.32
				154.600	-16.320	4.080	0.50	20.00	6.83	19.84
								20.00	17.35	19.84
7	M	0.80	0.80	223.982	3.830	-22.392	0.50	32.00	31.69	10.98
				383.280	3.830	-25.620	0.50	32.00	31.76	10.91
				383.330	26.780	-3.300	0.50	32.00	10.83	31.84
								32.00	31.76	31.84
7	L	0.80	0.80	223.646	-3.840	-22.411	0.50	32.00	31.69	10.98
				383.020	-3.840	-25.640	0.50	32.00	31.76	10.91
				383.870	-26.790	-3.310	0.50	32.00	10.83	31.84
								32.00	31.76	31.84
7	K	0.50	0.80	104.033	6.320	-10.702	0.50	20.00	14.05	12.62
				176.820	6.320	15.930	0.50	20.00	17.31	9.35
				150.810	16.310	3.950	0.50	20.00	6.82	19.85
								20.00	17.31	19.85
8	N	0.50	0.80	113.426	-6.380	-13.386	0.50	20.00	16.12	10.54
				193.860	-6.380	-16.320	0.50	20.00	17.39	9.27
				166.490	-16.900	-4.320	0.50	20.00	6.84	19.83
								20.00	17.39	19.83
8	M	0.80	0.80	205.546	4.820	-23.225	0.50	32.00	31.54	11.13
				344.100	4.820	-26.600	0.50	32.00	31.65	11.02
				347.370	-23.440	-3.460	0.50	32.00	10.90	31.77
								32.00	31.65	31.77
8	L	0.80	0.80	208.842	-4.820	-22.983	0.50	32.00	31.53	11.14
				347.460	-4.820	-26.400	0.50	32.00	31.64	11.02
				350.520	23.460	-3.460	0.50	32.00	10.90	31.77
								32.00	31.64	31.77
8	K	0.50	0.80	109.826	6.380	-13.279	0.50	20.00	16.06	10.61
				190.240	6.380	-16.060	0.50	20.00	17.31	9.36
				162.340	16.860	-4.050	0.50	20.00	6.82	19.85

								20.00	17.31	19.85
9	N	0.50	0.50	40.185	-4.320	-6.461	0.50	12.50	10.64	6.03
				77.400	-4.320	-6.900	0.50	12.50	10.87	5.80
				75.680	-9.920	-1.600	0.50	12.50	4.28	12.39
								12.50	10.87	12.39
9	M	0.80	0.50	59.714	6.230	-10.581	0.50	20.00	19.10	7.57
				160.690	-4.970	14.860	0.50	20.00	19.71	6.96
				124.750	13.720	-2.320	0.50	20.00	7.15	19.51
								20.00	19.71	19.51
9	L	0.80	0.50	62.104	-6.230	-11.168	0.50	20.00	19.19	7.48
				164.220	4.970	14.930	0.50	20.00	19.71	6.96
				127.880	-13.720	-2.890	0.50	20.00	7.42	19.24
								20.00	19.71	19.24
9	K	0.50	0.50	38.214	4.320	-6.173	0.50	12.50	10.46	6.21
				75.180	4.320	-6.550	0.50	12.50	10.69	5.98
				73.460	9.920	-1.250	0.50	12.50	4.23	12.43
								12.50	10.69	12.43

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 9.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.50	0.50	51.09 26.00	-3.14 -2.66	2.75 2.28	1.48 0.37	-1.29 -0.31	11.19	5.21	4.46	-9.86	4.96	4.17	0.00	0.00
4	M	0.80	0.50	79.35 36.87	2.60 3.55	-3.50 -2.89	4.29 2.78	-1.90 -0.43	-8.68	7.64	3.08	-17.38	8.93	7.21	0.00	0.00
4	L	0.80	0.50	81.65 36.90	-2.60 -3.55	3.50 2.89	4.29 2.78	-2.43 -0.47	8.68	7.64	3.08	-17.71	9.05	7.23	0.00	0.00
4	K	0.50	0.50	49.26 25.98	3.14 2.65	-2.75 -2.28	1.09 0.32	-0.97 -0.28	-11.19	5.21	4.46	-9.86	4.96	4.17	0.00	0.00
5	N	0.50	0.80	100.76 51.00	-4.38 -2.89	3.85 2.50	1.64 3.10	-1.36 -2.54	20.30	9.96	8.71	-0.22	10.65	7.68	0.00	0.00
5	M	0.80	0.80	194.43 94.63	0.71 4.21	-1.07 -3.40	-0.86 -4.26	-1.78 -2.95	-0.31	21.93	16.08	-1.56	20.23	14.85	0.00	0.00
5	L	0.80	0.80	196.56 94.48	-0.71 -4.21	1.07 3.40	-0.86 -4.26	-1.50 -3.03	0.73	21.92	16.07	-0.93	20.23	14.84	0.00	0.00
5	K	0.50	0.80	97.38 51.27	4.38 2.89	-3.85 -2.50	1.47 2.92	-1.24 -2.41	-20.72	9.99	8.72	-0.22	10.65	7.68	0.00	0.00
6	N	0.50	0.80	103.66 56.37	-4.38 -2.89	3.83 2.50	-2.01 -3.50	1.64 2.85	19.59	9.52	8.28	0.02	10.65	7.65	0.00	0.00
6	M	0.80	0.80	206.96 112.43	0.70 4.19	-0.46 -3.37	-0.18 -4.10	0.27 3.33	0.22	21.06	16.23	0.05	20.50	15.74	0.00	0.00
6	L	0.80	0.80	206.92 112.50	-0.70 -4.20	0.47 3.37	-0.18 -4.10	0.26 3.34	-0.62	21.06	16.23	-0.21	20.51	15.74	0.00	0.00
6	K	0.50	0.80	99.83 56.60	4.38 2.89	-3.82 -2.50	-1.91 -3.34	1.58 2.75	-19.19	9.52	8.28	0.02	10.65	7.65	0.00	0.00
7	N	0.50	0.80	99.67 50.89	-4.38 -2.89	3.83 2.50	1.80 3.21	-1.46 -2.62	19.59	9.52	8.28	-0.02	10.65	7.65	0.00	0.00
7	M	0.80	0.80	206.86 112.41	0.70 4.19	-0.46 -3.37	-0.23 -4.11	0.08 3.22	0.22	21.06	16.23	-0.05	20.50	15.74	0.00	0.00
7	L	0.80	0.80	206.82 112.48	-0.70 -4.20	0.47 3.37	-0.23 -4.11	0.09 3.22	-0.62	21.06	16.23	0.21	20.51	15.74	0.00	0.00
7	K	0.50	0.80	95.90 51.10	4.38 2.89	-3.82 -2.50	1.72 3.09	-1.42 -2.53	-19.19	9.52	8.28	-0.02	10.65	7.65	0.00	0.00
8	N	0.50	0.80	104.89 56.56	-4.39 -2.90	3.87 2.51	-1.85 -3.39	1.54 2.78	20.30	9.99	8.72	0.22	10.65	7.68	0.00	0.00
8	M	0.80	0.80	193.91	0.71	-1.45	0.43	1.95	-0.31	21.92	16.08	1.56	20.23	14.85	0.00	0.00

				98.27	4.21	-3.37	4.00	3.18								
8	L	0.80	0.80	196.05	-0.72	1.45	0.43	1.67	0.73	21.92	16.07	0.93	20.23	14.84	0.00	0.00
				98.09	-4.21	3.37	4.00	3.25								
8	K	0.50	0.80	101.56	4.39	-3.87	-1.67	1.41	-20.72	9.96	8.71	0.22	10.65	7.68	0.00	0.00
				56.89	2.90	-2.51	-3.19	2.64								
9	N	0.50	0.50	49.32	-2.58	2.29	-1.47	1.29	11.19	5.21	4.46	9.86	4.96	4.17	0.00	0.00
				26.05	-2.34	2.03	-0.37	0.31								
9	M	0.80	0.50	78.88	2.64	-3.32	-4.38	1.89	-8.68	7.64	3.08	17.38	8.93	7.21	0.00	0.00
				39.42	3.54	-2.91	-2.90	0.43								
9	L	0.80	0.50	81.21	-2.64	3.32	-4.38	2.42	8.68	7.64	3.08	17.71	9.05	7.23	0.00	0.00
				39.44	-3.54	2.91	-2.90	0.47								
9	K	0.50	0.50	47.48	2.58	-2.29	-1.08	0.97	-11.19	5.21	4.46	9.86	4.96	4.17	0.00	0.00
				26.02	2.34	-2.03	-0.32	0.28								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 9.KAT KOLON ÇÖZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.50	0.50	55.841	5.030	-5.331	0.50	12.50	8.79	7.88				
				67.230	-5.800	6.810	0.50	12.50	9.48	7.19				
				65.900	-11.010	1.850	0.50	12.50	4.28	12.38				
								12.50	9.48	12.38				
4	M	0.80	0.50	88.795	-6.390	-8.920	0.50	20.00	18.66	8.00				
				98.840	6.150	16.000	0.50	20.00	19.62	7.05				
				124.900	-9.470	-2.330	0.50	20.00	7.70	18.97				
								20.00	19.62	18.97				
4	L	0.80	0.50	91.195	6.390	-9.417	0.50	20.00	18.80	7.87				
				100.840	-6.150	16.120	0.50	20.00	19.62	7.05				
				127.230	9.470	-2.900	0.50	20.00	8.27	18.40				
								20.00	19.62	18.40				
4	K	0.50	0.50	54.194	-5.030	-5.043	0.50	12.50	8.35	8.31				
				65.380	5.790	6.370	0.50	12.50	9.06	7.61				
				64.050	11.000	1.410	0.50	12.50	4.24	12.43				
								12.50	9.06	12.43				
5	N	0.50	0.80	90.904	-7.270	-9.174	0.50	20.00	10.81	15.85				
				151.540	-7.270	15.390	0.50	20.00	16.19	10.48				
				172.060	15.060	-3.900	0.50	20.00	6.84	19.83				
								20.00	16.19	19.83				
5	M	0.80	0.80	176.547	4.920	-21.004	0.50	32.00	31.41	11.25				
				290.620	4.920	-25.350	0.50	32.00	31.60	11.07				
				288.750	26.850	-5.120	0.50	32.00	11.05	31.61				
								32.00	31.60	31.61				
5	L	0.80	0.80	177.834	-4.920	-21.004	0.50	32.00	31.41	11.25				
				291.970	-4.920	-25.350	0.50	32.00	31.60	11.07				
				290.310	-26.840	-5.120	0.50	32.00	11.05	31.61				
								32.00	31.60	31.61				
5	K	0.50	0.80	87.862	7.270	-9.327	0.50	20.00	10.95	15.71				
				148.430	7.270	15.040	0.50	20.00	16.01	10.65				
				169.370	-15.070	-3.650	0.50	20.00	6.82	19.85				
								20.00	16.01	19.85				
6	N	0.50	0.80	93.274	-7.270	-12.459	0.50	20.00	14.19	12.48				
				160.010	-7.270	-16.160	0.50	20.00	16.55	10.12				
				179.620	14.610	4.490	0.50	20.00	6.91	19.75				

								20.00	16.55	19.75
6	M	0.80	0.80	186.214	4.890	-20.662	0.50	32.00	31.40	11.26
				319.340	4.890	-24.780	0.50	32.00	31.58	11.08
				319.610	25.950	-4.280	0.50	32.00	10.96	31.71
								32.00	31.58	31.71
6	L	0.80	0.80	186.438	-4.900	-20.672	0.50	32.00	31.40	11.27
				319.630	-4.900	-24.790	0.50	32.00	31.58	11.08
				320.040	-25.960	-4.280	0.50	32.00	10.96	31.71
								32.00	31.58	31.71
6	K	0.50	0.80	89.827	7.270	-12.369	0.50	20.00	14.10	12.56
				156.410	7.270	-15.900	0.50	20.00	16.43	10.23
				175.620	-14.600	4.330	0.50	20.00	6.90	19.77
								20.00	16.43	19.77
7	N	0.50	0.80	89.723	-7.270	-9.030	0.50	20.00	10.68	15.98
				150.540	-7.270	15.660	0.50	20.00	16.32	10.34
				170.150	14.610	-4.080	0.50	20.00	6.87	19.80
								20.00	16.32	19.80
7	M	0.80	0.80	186.224	4.890	-20.707	0.50	32.00	31.41	11.26
				319.320	4.890	-24.840	0.50	32.00	31.59	11.08
				319.050	-20.060	3.300	0.50	32.00	10.96	31.71
								32.00	31.59	31.71
7	L	0.80	0.80	185.928	-4.900	-20.717	0.50	32.00	31.40	11.26
				319.090	-4.900	-24.850	0.50	32.00	31.59	11.08
				318.680	20.070	3.310	0.50	32.00	10.96	31.71
								32.00	31.59	31.71
7	K	0.50	0.80	86.330	7.270	-9.102	0.50	20.00	10.75	15.92
				146.980	7.270	15.460	0.50	20.00	16.23	10.44
				166.190	-14.600	-3.950	0.50	20.00	6.86	19.81
								20.00	16.23	19.81
8	N	0.50	0.80	94.181	-7.290	-12.315	0.50	20.00	14.02	12.65
				161.230	-7.290	-15.890	0.50	20.00	16.41	10.26
				181.750	15.100	4.320	0.50	20.00	6.88	19.79
								20.00	16.41	19.79
8	M	0.80	0.80	172.959	4.920	-19.843	0.50	32.00	31.34	11.32
				293.740	4.920	24.660	0.50	32.00	31.58	11.09
				291.870	26.840	4.430	0.50	32.00	10.96	31.71
								32.00	31.58	31.71
8	L	0.80	0.80	175.515	-4.930	-19.843	0.50	32.00	31.34	11.33
				295.070	-4.930	24.660	0.50	32.00	31.57	11.09
				293.410	-26.850	4.430	0.50	32.00	10.96	31.71
								32.00	31.57	31.71
8	K	0.50	0.80	91.184	7.290	-12.153	0.50	20.00	13.86	12.81
				158.230	7.290	-15.510	0.50	20.00	16.23	10.44
				179.170	-15.090	4.050	0.50	20.00	6.85	19.81

								20.00	16.23	19.81
9	N	0.50	0.50	34.528	-4.920	-6.283	0.50	12.50	9.95	6.72
				65.510	-4.920	-6.800	0.50	12.50	10.32	6.35
				64.180	-10.130	-1.840	0.50	12.50	4.30	12.36
								12.50	10.32	12.36
9	M	0.80	0.50	53.612	6.180	-12.872	0.50	20.00	19.40	7.27
				126.980	-1.460	-7.280	0.50	20.00	19.90	6.77
				109.620	13.820	-7.280	0.50	20.00	11.40	15.26
								20.00	19.90	15.26
9	L	0.80	0.50	55.379	-6.180	-12.992	0.50	20.00	19.41	7.26
				102.940	-6.180	-16.330	0.50	20.00	19.63	7.04
				129.330	9.310	2.890	0.50	20.00	8.31	18.36
								20.00	19.63	18.36
9	K	0.50	0.50	32.872	4.920	-5.932	0.50	12.50	9.63	7.03
				63.640	4.920	-6.360	0.50	12.50	10.01	6.66
				62.310	10.130	-1.400	0.50	12.50	4.25	12.42
								12.50	10.01	12.42

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 10.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.45	0.45	40.60 20.79	-2.47 -2.10	2.06 1.74	1.15 0.29	-0.97 -0.24	7.85	4.25	3.59	-6.79	4.05	3.40	0.00	0.00
4	M	0.70	0.45	59.34 26.73	2.12 2.85	-1.57 -2.14	3.23 2.12	-2.74 -1.77	-6.68	7.98	5.74	-11.71	7.08	6.19	0.00	0.00
4	L	0.70	0.45	61.64 26.76	-2.13 -2.85	1.57 2.14	3.23 2.12	-2.74 -1.77	6.68	7.98	5.74	-11.93	7.22	6.26	0.00	0.00
4	K	0.45	0.45	39.14 20.77	2.47 2.10	-2.06 -1.74	0.82 0.25	-0.72 -0.21	-7.85	4.25	3.59	-6.79	4.05	3.40	0.00	0.00
5	N	0.45	0.70	80.19 40.83	-3.30 -2.21	2.80 1.85	1.22 2.40	-0.99 -1.87	14.01	7.66	6.68	-0.20	9.39	6.94	0.00	0.00
5	M	0.70	0.70	151.81 72.28	0.70 3.27	-0.42 -2.46	-0.79 -3.29	0.50 2.50	-0.38	18.25	14.45	-1.36	16.83	13.17	0.00	0.00
5	L	0.70	0.70	153.93 72.13	-0.70 -3.27	0.42 2.47	-0.79 -3.29	0.50 2.50	0.69	18.25	14.45	-0.94	16.83	13.17	0.00	0.00
5	K	0.45	0.70	77.49 41.05	3.30 2.21	-2.80 -1.85	1.09 2.23	-0.89 -1.76	-14.32	7.68	6.69	-0.20	9.39	6.93	0.00	0.00
6	N	0.45	0.70	82.43 45.12	-3.30 -2.20	2.79 1.84	-1.56 -2.72	1.21 2.11	13.51	7.35	6.40	0.00	9.43	6.96	0.00	0.00
6	M	0.70	0.70	164.99 90.26	0.69 3.26	-0.41 -2.46	-0.11 -3.11	0.11 2.40	0.25	17.30	13.65	0.05	16.87	13.16	0.00	0.00
6	L	0.70	0.70	164.95 90.32	-0.69 -3.26	0.41 2.46	-0.11 -3.11	0.11 2.40	-0.54	17.30	13.65	-0.10	16.87	13.16	0.00	0.00
6	K	0.45	0.70	79.36 45.32	3.30 2.20	-2.79 -1.84	-1.47 -2.57	1.15 2.01	-13.22	7.35	6.40	0.00	9.43	6.96	0.00	0.00
7	N	0.45	0.70	79.25 40.73	-3.30 -2.20	2.79 1.84	1.40 2.51	-1.08 -1.94	13.51	7.35	6.40	-0.00	9.43	6.96	0.00	0.00
7	M	0.70	0.70	164.87 90.24	0.69 3.26	-0.41 -2.46	-0.18 -3.13	0.13 2.41	0.25	17.30	13.65	-0.05	16.87	13.16	0.00	0.00
7	L	0.70	0.70	164.83 90.31	-0.69 -3.26	0.41 2.46	-0.18 -3.13	0.13 2.41	-0.54	17.30	13.65	0.10	16.87	13.16	0.00	0.00
7	K	0.45	0.70	76.23 40.91	3.30 2.20	-2.79 -1.84	1.33 2.38	-1.04 -1.86	-13.22	7.35	6.40	-0.00	9.43	6.96	0.00	0.00
8	N	0.45	0.70	83.50 45.27	-3.30 -2.21	2.80 1.85	-1.39 -2.62	1.12 2.04	14.01	7.68	6.69	0.20	9.39	6.94	0.00	0.00
8	M	0.70	0.70	151.33	0.71	-0.42	0.48	-0.25	-0.38	18.25	14.45	1.36	16.83	13.17	0.00	0.00

				75.91	3.27	-2.47	3.11	-2.35								
8	L	0.70	0.70	153.47	-0.71	0.42	0.48	-0.25	0.69	18.25	14.45	0.94	16.83	13.17	0.00	0.00
				75.72	-3.27	2.47	3.11	-2.35								
8	K	0.45	0.70	80.84	3.30	-2.80	-1.24	1.01	-14.32	7.66	6.68	0.20	9.39	6.93	0.00	0.00
				45.55	2.21	-1.85	-2.43	1.92								
9	N	0.45	0.45	39.18	-2.00	1.69	-1.14	0.97	7.85	4.25	3.59	6.79	4.05	3.40	0.00	0.00
				20.82	-1.82	1.53	-0.29	0.24								
9	M	0.70	0.45	58.68	2.13	-1.59	-3.30	2.79	-6.68	7.98	5.74	11.71	7.08	6.19	0.00	0.00
				28.15	2.81	-2.13	-2.21	1.85								
9	L	0.70	0.45	61.01	-2.13	1.59	-3.30	2.79	6.68	7.98	5.74	11.93	7.22	6.26	0.00	0.00
				28.17	-2.81	2.13	-2.21	1.85								
9	K	0.45	0.45	37.71	2.00	-1.69	-0.81	0.71	-7.85	4.25	3.59	6.79	4.05	3.40	0.00	0.00
				20.80	1.82	-1.53	-0.25	0.21								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi 10.KAT KOLON ÇÖZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.45	0.45	43.330	3.800	-4.273	0.50	10.12	7.46	6.04				
				68.180	3.800	-4.610	0.50	10.12	7.83	5.67				
				53.540	-8.820	1.440	0.50	10.12	3.46	10.04				
								10.12	7.83	10.04				
4	M	0.70	0.45	65.116	-3.710	-8.656	0.50	15.75	15.35	5.65				
				97.780	-3.710	-10.700	0.50	15.75	15.49	5.51				
				79.390	12.950	5.350	0.50	15.75	7.42	13.58				
								15.75	15.49	13.58				
4	L	0.70	0.45	67.406	3.710	-8.726	0.50	15.75	15.36	5.64				
				100.330	3.710	-10.770	0.50	15.75	15.49	5.51				
				81.720	-12.960	5.350	0.50	15.75	7.41	13.59				
								15.75	15.49	13.59				
4	K	0.45	0.45	42.016	4.570	-3.312	0.50	10.12	5.15	8.35				
				66.700	-3.800	-4.330	0.50	10.12	7.53	5.97				
				52.060	8.820	1.070	0.50	10.12	3.42	10.08				
								10.12	7.53	10.08				
5	N	0.45	0.70	72.371	-5.510	-8.292	0.50	15.75	10.16	10.84				
				120.820	-5.510	13.010	0.50	15.75	13.47	7.53				
				135.030	11.330	-2.860	0.50	15.75	5.39	15.61				
								15.75	13.47	15.61				
5	M	0.70	0.70	137.989	3.970	-17.541	0.50	24.50	24.08	8.58				
				222.730	-2.880	16.170	0.50	24.50	24.24	8.43				
				224.470	-17.330	3.000	0.50	24.50	8.41	24.26				
								24.50	24.24	24.26				
5	L	0.70	0.70	139.477	-3.970	-17.541	0.50	24.50	24.08	8.58				
				225.120	2.890	16.170	0.50	24.50	24.24	8.43				
				226.750	17.340	3.000	0.50	24.50	8.41	24.26				
								24.50	24.24	24.26				
5	K	0.45	0.70	69.941	5.510	-8.409	0.50	15.75	10.30	10.70				
				118.340	5.510	12.710	0.50	15.75	13.36	7.64				
				132.860	-11.340	-2.650	0.50	15.75	5.37	15.63				
								15.75	13.36	15.63				
6	N	0.45	0.70	74.187	-5.500	-10.834	0.50	15.75	12.48	8.52				
				127.550	-5.500	-13.710	0.50	15.75	13.71	7.29				
				141.060	11.030	3.320	0.50	15.75	5.45	15.55				

								15.75	13.71	15.55
6	M	0.70	0.70	148.441	3.950	-16.969	0.50	24.50	24.06	8.61
				255.300	-2.870	15.670	0.50	24.50	24.23	8.44
				255.500	21.250	-3.220	0.50	24.50	8.35	24.31
								24.50	24.23	24.31
6	L	0.70	0.70	148.555	-3.950	-16.969	0.50	24.50	24.06	8.61
				255.170	2.870	15.670	0.50	24.50	24.23	8.44
				255.810	-21.250	-3.220	0.50	24.50	8.35	24.31
								24.50	24.23	24.31
6	K	0.45	0.70	71.424	5.500	-10.753	0.50	15.75	12.43	8.57
				124.680	5.500	-13.470	0.50	15.75	13.63	7.37
				137.900	-11.030	3.160	0.50	15.75	5.43	15.57
								15.75	13.63	15.57
7	N	0.45	0.70	71.325	-5.500	-8.170	0.50	15.75	10.04	10.96
				119.980	-5.500	13.340	0.50	15.75	13.59	7.41
				133.490	11.030	-3.020	0.50	15.75	5.41	15.59
								15.75	13.59	15.59
7	M	0.70	0.70	148.433	3.950	-17.032	0.50	24.50	24.06	8.61
				255.060	-2.870	15.700	0.50	24.50	24.23	8.44
				254.860	-16.520	2.540	0.50	24.50	8.36	24.31
								24.50	24.23	24.31
7	L	0.70	0.70	148.247	-3.950	-17.032	0.50	24.50	24.06	8.61
				255.240	2.870	15.700	0.50	24.50	24.23	8.44
				254.600	16.520	2.540	0.50	24.50	8.36	24.31
								24.50	24.23	24.31
7	K	0.45	0.70	68.607	5.500	-8.233	0.50	15.75	10.11	10.89
				117.140	5.500	13.140	0.50	15.75	13.52	7.48
				130.360	-11.030	-2.900	0.50	15.75	5.40	15.60
								15.75	13.52	15.60
8	N	0.45	0.70	74.950	-5.510	-10.641	0.50	15.75	12.34	8.66
				128.570	-5.510	-13.400	0.50	15.75	13.60	7.40
				142.780	11.340	3.160	0.50	15.75	5.42	15.58
								15.75	13.60	15.58
8	M	0.70	0.70	134.837	3.980	-16.398	0.50	24.50	24.02	8.65
				225.880	-2.890	-15.770	0.50	24.50	24.23	8.44
				227.620	-17.340	-2.600	0.50	24.50	8.35	24.32
								24.50	24.23	24.32
8	L	0.70	0.70	137.183	-3.980	-16.398	0.50	24.50	24.02	8.65
				228.250	2.890	-15.770	0.50	24.50	24.23	8.44
				229.880	17.340	-2.600	0.50	24.50	8.35	24.32
								24.50	24.23	24.32
8	K	0.45	0.70	72.556	5.510	-10.506	0.50	15.75	12.26	8.74
				126.190	5.510	-13.060	0.50	15.75	13.49	7.51
				140.710	-11.330	2.930	0.50	15.75	5.40	15.60

								15.75	13.49	15.60
9	N	0.45	0.45	28.472	-3.820	-5.076	0.50	10.12	8.21	5.29
				53.210	-3.820	-5.480	0.50	10.12	8.49	5.01
				52.150	-8.070	-1.430	0.50	10.12	3.48	10.02
								10.12	8.49	10.02
9	M	0.70	0.45	41.102	4.940	-10.050	0.50	15.75	15.23	5.77
				98.540	-3.720	10.830	0.50	15.75	15.49	5.51
				80.150	12.920	-5.510	0.50	15.75	7.56	13.44
								15.75	15.49	13.44
9	L	0.70	0.45	42.979	-4.940	-10.190	0.50	15.75	15.24	5.76
				101.110	3.720	10.900	0.50	15.75	15.50	5.50
				82.500	-12.920	-5.510	0.50	15.75	7.56	13.44
								15.75	15.50	13.44
9	K	0.45	0.45	27.149	3.820	-4.779	0.50	10.12	7.97	5.53
				65.300	-3.220	4.320	0.50	10.12	8.25	5.25
				50.660	8.070	-1.060	0.50	10.12	3.43	10.07
								10.12	8.25	10.07

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 11.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.45	0.45	30.45 15.59	-2.53 -2.10	2.47 2.10	1.15 0.29	-1.15 -0.29	5.03	3.69	3.10	-4.27	3.41	2.83	0.00	0.00
4	M	0.70	0.45	39.87 16.55	3.53 2.90	-2.12 -2.85	1.58 0.38	-3.23 -2.12	-5.03	5.34	3.30	-7.12	5.59	5.09	0.00	0.00
4	L	0.70	0.45	42.16 16.56	-3.53 -2.91	2.13 2.85	2.10 0.42	-3.23 -2.12	5.03	5.34	3.30	-7.25	5.68	5.13	0.00	0.00
4	K	0.45	0.45	29.35 15.58	2.53 2.10	-2.47 -2.10	0.82 0.25	-0.82 -0.25	-5.03	3.69	3.10	-4.27	3.41	2.83	0.00	0.00
5	N	0.45	0.70	60.18 30.64	-3.33 -2.21	3.30 2.21	1.22 2.40	-1.22 -2.40	8.90	6.57	5.83	-0.14	7.89	5.26	0.00	0.00
5	M	0.70	0.70	109.93 49.62	1.17 3.30	-0.70 -3.27	1.46 2.71	0.79 3.29	-0.56	15.05	11.78	-1.11	13.77	10.50	0.00	0.00
5	L	0.70	0.70	112.04 49.46	-1.17 -3.30	0.70 3.27	1.21 2.81	0.79 3.29	0.77	15.05	11.78	-0.88	13.77	10.50	0.00	0.00
5	K	0.45	0.70	58.15 30.81	3.33 2.21	-3.30 -2.21	1.09 2.23	-1.09 -2.23	-9.10	6.60	5.84	-0.14	7.89	5.26	0.00	0.00
6	N	0.45	0.70	61.82 33.86	-3.30 -2.20	3.30 2.20	-1.56 -2.72	1.56 2.72	8.56	6.27	5.57	0.00	7.94	5.31	0.00	0.00
6	M	0.70	0.70	123.96 67.84	0.69 3.26	-0.69 -3.26	-0.27 -3.11	0.11 3.11	0.18	14.80	11.37	0.05	14.27	10.80	0.00	0.00
6	L	0.70	0.70	123.91 67.89	-0.69 -3.26	0.69 3.26	-0.25 -3.12	0.11 3.11	-0.37	14.80	11.37	-0.02	14.27	10.80	0.00	0.00
6	K	0.45	0.70	59.52 34.01	3.30 2.20	-3.30 -2.20	-1.47 -2.57	1.47 2.57	-8.37	6.27	5.57	0.00	7.94	5.31	0.00	0.00
7	N	0.45	0.70	59.44 30.57	-3.30 -2.20	3.30 2.20	1.40 2.51	-1.40 -2.51	8.56	6.27	5.57	0.00	7.94	5.31	0.00	0.00
7	M	0.70	0.70	123.80 67.83	0.69 3.26	-0.69 -3.26	-0.03 -2.96	0.18 3.13	0.18	14.80	11.37	-0.05	14.27	10.80	0.00	0.00
7	L	0.70	0.70	123.75 67.88	-0.69 -3.26	0.69 3.26	-0.05 -2.96	0.18 3.13	-0.37	14.80	11.37	0.02	14.27	10.80	0.00	0.00
7	K	0.45	0.70	57.17 30.70	3.30 2.20	-3.30 -2.20	1.33 2.38	-1.33 -2.38	-8.37	6.27	5.57	0.00	7.94	5.31	0.00	0.00
8	N	0.45	0.70	62.67 33.98	-3.35 -2.21	3.30 2.21	-1.39 -2.62	1.39 2.62	8.90	6.60	5.84	0.14	7.89	5.26	0.00	0.00
8	M	0.70	0.70	109.48	1.59	-0.71	-1.60	-0.48	-0.56	15.05	11.78	1.11	13.77	10.50	0.00	0.00

				53.22	3.24	-3.27	-2.90	-3.11								
8	L	0.70	0.70	111.61	-1.59	0.71	-1.36	-0.48	0.77	15.05	11.78	0.88	13.77	10.50	0.00	0.00
				53.04	-3.25	3.27	-3.01	-3.11								
8	K	0.45	0.70	60.67	3.35	-3.30	-1.24	1.24	-9.10	6.57	5.83	0.14	7.89	5.26	0.00	0.00
				34.20	2.21	-2.21	-2.43	2.43								
9	N	0.45	0.45	29.38	-2.04	2.00	-1.14	1.14	5.03	3.69	3.10	4.27	3.41	2.83	0.00	0.00
				15.62	-1.80	1.82	-0.29	0.29								
9	M	0.70	0.45	38.99	3.29	-2.13	-1.57	3.30	-5.03	5.34	3.30	7.12	5.59	5.09	0.00	0.00
				16.79	2.89	-2.81	-0.38	2.21								
9	L	0.70	0.45	41.31	-3.29	2.13	-2.10	3.30	5.03	5.34	3.30	7.25	5.68	5.13	0.00	0.00
				16.81	-2.89	2.81	-0.42	2.21								
9	K	0.45	0.45	28.28	2.04	-2.00	-0.81	0.81	-5.03	3.69	3.10	4.27	3.41	2.83	0.00	0.00
				15.60	1.80	-1.82	-0.25	0.25								

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S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 11.KAT KOLON ÇÖZÜMLERi
1.14

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.45	0.45	31.675	4.570	-3.865	0.50	10.12	5.79	7.71				
				41.770	-4.630	4.850	0.50	10.12	7.05	6.45				
				41.010	-8.320	1.440	0.50	10.12	3.48	10.02				
								10.12	7.05	10.02				
4	M	0.70	0.45	43.003	-4.970	-7.997	0.50	15.75	14.91	6.09				
				63.540	-4.970	-10.440	0.50	15.75	15.26	5.74				
				51.390	11.770	1.960	0.50	15.75	5.60	15.40				
								15.75	15.26	15.40				
4	L	0.70	0.45	45.194	4.980	-8.037	0.50	15.75	14.92	6.08				
				65.970	4.980	-10.480	0.50	15.75	15.26	5.74				
				53.690	-11.780	2.520	0.50	15.75	5.83	15.17				
								15.75	15.26	15.17				
4	K	0.45	0.45	30.685	-4.570	-3.568	0.50	10.12	5.43	8.07				
				40.660	4.630	4.480	0.50	10.12	6.53	6.97				
				39.900	8.320	1.070	0.50	10.12	3.43	10.07				
								10.12	6.53	10.07				
5	N	0.45	0.70	54.302	-5.540	-6.792	0.50	15.75	8.51	12.49				
				90.680	-5.540	11.510	0.50	15.75	12.81	8.19				
				81.920	-12.110	3.620	0.50	15.75	5.44	15.56				
								15.75	12.81	15.56				
5	M	0.70	0.70	100.047	4.470	-12.456	0.50	24.50	23.45	9.22				
				158.440	4.470	17.940	0.50	24.50	23.99	8.67				
				158.990	19.520	4.170	0.50	24.50	8.54	24.13				
								24.50	23.99	24.13				
5	L	0.70	0.70	101.716	-4.470	-12.681	0.50	24.50	23.49	9.18				
				160.620	-4.470	17.790	0.50	24.50	23.98	8.68				
				160.730	-19.520	4.020	0.50	24.50	8.51	24.15				
								24.50	23.98	24.15				
5	K	0.45	0.70	52.475	5.540	-6.909	0.50	15.75	8.62	12.38				
				88.820	5.540	11.210	0.50	15.75	12.65	8.35				
				79.860	12.140	3.320	0.50	15.75	5.41	15.59				
								15.75	12.65	15.59				
6	N	0.45	0.70	55.638	-5.500	-9.344	0.50	15.75	11.35	9.65				
				95.680	-5.500	-12.220	0.50	15.75	13.18	7.82				
				87.120	-11.770	-4.280	0.50	15.75	5.54	15.46				
								15.75	13.18	15.46				

6	N	0.70	0.70	111.514	3.950	-14.513	0.50	24.50	23.90	8.77
				191.750	3.950	-17.650	0.50	24.50	24.09	8.58
				191.980	18.750	-3.380	0.50	24.50	8.43	24.23
								24.50	24.09	24.23
6	L	0.70	0.70	111.539	-3.950	-14.495	0.50	24.50	23.89	8.77
				191.820	-3.950	-17.640	0.50	24.50	24.09	8.58
				192.170	-18.750	-3.370	0.50	24.50	8.43	24.24
								24.50	24.09	24.24
6	K	0.45	0.70	53.568	5.500	-9.263	0.50	15.75	11.27	9.73
				93.530	5.500	-11.980	0.50	15.75	13.07	7.93
				85.160	11.770	-4.040	0.50	15.75	5.51	15.49
								15.75	13.07	15.49
7	N	0.45	0.70	53.496	-5.500	-6.680	0.50	15.75	8.45	12.55
				90.010	-5.500	11.850	0.50	15.75	13.01	7.99
				81.450	-11.770	3.910	0.50	15.75	5.49	15.51
								15.75	13.01	15.51
7	N	0.70	0.70	111.470	3.950	-14.297	0.50	24.50	23.88	8.79
				191.680	3.950	-17.260	0.50	24.50	24.07	8.59
				191.810	18.750	-2.990	0.50	24.50	8.37	24.29
								24.50	24.07	24.29
7	L	0.70	0.70	111.355	-3.950	-14.315	0.50	24.50	23.88	8.79
				191.610	-3.950	-17.280	0.50	24.50	24.07	8.59
				192.000	-18.750	-3.010	0.50	24.50	8.38	24.29
								24.50	24.07	24.29
7	K	0.45	0.70	51.453	5.500	-6.743	0.50	15.75	8.51	12.49
				87.870	5.500	11.650	0.50	15.75	12.92	8.08
				79.500	11.770	3.710	0.50	15.75	5.47	15.53
								15.75	12.92	15.53
8	N	0.45	0.70	56.263	-5.560	-9.141	0.50	15.75	11.05	9.95
				96.510	-5.560	-11.900	0.50	15.75	12.98	8.02
				87.750	-12.160	-4.010	0.50	15.75	5.49	15.51
								15.75	12.98	15.51
8	M	0.70	0.70	97.422	4.830	-15.210	0.50	24.50	23.68	8.99
				161.590	4.830	-18.270	0.50	24.50	23.93	8.74
				162.140	19.880	-4.500	0.50	24.50	8.59	24.08
								24.50	23.93	24.08
8	L	0.70	0.70	99.569	-4.840	-14.994	0.50	24.50	23.65	9.02
				163.770	-4.840	-18.140	0.50	24.50	23.92	8.75
				163.880	-19.890	-4.370	0.50	24.50	8.56	24.11
								24.50	23.92	24.11
8	K	0.45	0.70	54.463	5.560	-9.006	0.50	15.75	10.91	10.09
				94.730	5.560	-11.560	0.50	15.75	12.81	8.19
				85.770	12.130	-3.670	0.50	15.75	5.45	15.55
								15.75	12.81	15.55

9	N	0.45	0.45	22.172	-3.840	-4.436	0.50	10.12	7.60	5.90
				40.730	-3.840	-4.840	0.50	10.12	8.00	5.50
				39.970	-7.530	-1.430	0.50	10.12	3.50	10.00
								10.12	8.00	10.00
9	M	0.70	0.45	27.971	6.180	-7.003	0.50	15.75	14.06	6.94
				62.900	-4.940	10.600	0.50	15.75	15.28	5.72
				50.750	11.520	-1.950	0.50	15.75	5.61	15.39
								15.75	15.28	15.39
9	L	0.70	0.45	29.929	-6.180	-7.570	0.50	15.75	14.30	6.70
				65.370	4.940	10.640	0.50	15.75	15.28	5.72
				53.090	-11.520	-2.520	0.50	15.75	5.86	15.14
								15.75	15.28	15.14
9	K	0.45	0.45	21.182	3.840	-4.139	0.50	10.12	7.22	6.28
				39.610	3.840	-4.470	0.50	10.12	7.63	5.87
				38.850	7.530	-1.060	0.50	10.12	3.44	10.06
								10.12	7.63	10.06

9TsOPs16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 12.KAT KOLON BİLGİLERİ

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G. Cap	G. Ara
4	N	0.45	0.45	20.30 10.39	-2.53 -2.10	2.53 2.10	1.15 0.29	-1.15 -0.29	2.68	2.96	2.37	-2.25	2.72	2.09	0.00	0.00
4	M	0.70	0.45	26.62 11.07	3.53 2.90	-3.53 -2.90	1.58 0.38	-1.58 -0.38	-2.68	4.93	1.26	-3.72	4.32	3.47	0.00	0.00
4	L	0.70	0.45	28.15 11.08	-3.53 -2.91	3.53 2.91	2.10 0.42	-2.10 -0.42	2.68	4.93	1.26	-3.79	4.41	3.48	0.00	0.00
4	K	0.45	0.45	19.57 10.38	2.53 2.10	-2.53 -2.10	0.82 0.25	-0.82 -0.25	-2.68	2.96	2.37	-2.25	2.72	2.09	0.00	0.00
5	N	0.45	0.70	40.17 20.45	-3.33 -2.21	3.33 2.21	1.22 2.40	-1.22 -2.40	4.70	5.26	4.45	-0.09	6.68	3.80	0.00	0.00
5	M	0.70	0.70	73.49 33.26	1.17 3.30	-1.17 -3.30	1.46 2.71	-1.46 -2.71	-0.26	12.52	8.27	-0.62	11.24	7.27	0.00	0.00
5	L	0.70	0.70	74.90 33.14	-1.17 -3.30	1.17 3.30	1.21 2.81	-1.21 -2.81	0.38	12.52	8.27	-0.49	11.24	7.27	0.00	0.00
5	K	0.45	0.70	38.82 20.58	3.33 2.21	-3.33 -2.21	1.09 2.23	-1.09 -2.23	-4.81	5.28	4.46	-0.09	6.68	3.80	0.00	0.00
6	N	0.45	0.70	41.21 22.60	-3.30 -2.20	3.30 2.20	-1.56 -2.72	1.56 2.72	4.52	5.02	4.22	0.00	6.69	3.82	0.00	0.00
6	M	0.70	0.70	82.77 45.44	0.69 3.26	-0.69 -3.26	-0.27 -3.11	0.27 3.11	0.12	12.37	8.44	0.03	11.64	7.86	0.00	0.00
6	L	0.70	0.70	82.73 45.48	-0.69 -3.26	0.69 3.26	-0.25 -3.12	0.25 3.12	-0.23	12.37	8.44	-0.02	11.64	7.86	0.00	0.00
6	K	0.45	0.70	39.67 22.71	3.30 2.20	-3.30 -2.20	-1.47 -2.57	1.47 2.57	-4.42	5.02	4.22	0.00	6.69	3.82	0.00	0.00
7	N	0.45	0.70	39.62 20.40	-3.30 -2.20	3.30 2.20	1.40 2.51	-1.40 -2.51	4.52	5.02	4.22	0.00	6.69	3.82	0.00	0.00
7	M	0.70	0.70	82.66 45.43	0.69 3.26	-0.69 -3.26	-0.03 -2.96	0.03 2.96	0.12	12.37	8.44	-0.03	11.64	7.86	0.00	0.00
7	L	0.70	0.70	82.63 45.47	-0.69 -3.26	0.69 3.26	-0.05 -2.96	0.05 2.96	-0.23	12.37	8.44	0.02	11.64	7.86	0.00	0.00
7	K	0.45	0.70	38.11 20.50	3.30 2.20	-3.30 -2.20	1.33 2.38	-1.33 -2.38	-4.42	5.02	4.22	0.00	6.69	3.82	0.00	0.00
8	N	0.45	0.70	41.83 22.69	-3.35 -2.21	3.35 2.21	-1.39 -2.62	1.39 2.62	4.70	5.28	4.46	0.09	6.68	3.80	0.00	0.00
8	M	0.70	0.70	73.18	1.59	-1.59	-1.60	1.60	-0.26	12.52	8.27	0.62	11.24	7.27	0.00	0.00

				35.67	3.24	-3.24	-2.90	2.90									
8	L	0.70	0.70	74.61	-1.59	1.59	-1.36	1.36	0.38	12.52	8.27	0.49	11.24	7.27	0.00	0.00
				35.54	-3.25	3.25	-3.01	3.01									
8	K	0.45	0.70	40.51	3.35	-3.35	-1.24	1.24	-4.81	5.26	4.45	0.09	6.68	3.80	0.00	0.00
				22.84	2.21	-2.21	-2.43	2.43									
9	N	0.45	0.45	19.59	-2.04	2.04	-1.14	1.14	2.68	2.96	2.37	2.25	2.72	2.09	0.00	0.00
				10.41	-1.80	1.80	-0.29	0.29									
9	M	0.70	0.45	26.02	3.29	-3.29	-1.57	1.57	-2.68	4.93	1.26	3.72	4.32	3.47	0.00	0.00
				11.22	2.89	-2.89	-0.38	0.38									
9	L	0.70	0.45	27.57	-3.29	3.29	-2.10	2.10	2.68	4.93	1.26	3.79	4.41	3.48	0.00	0.00
				11.23	-2.89	2.89	-0.42	0.42									
9	K	0.45	0.45	18.86	2.04	-2.04	-0.81	0.81	-2.68	2.96	2.37	2.25	2.72	2.09	0.00	0.00
				10.40	1.80	-1.80	-0.25	0.25									

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 12.KAT KOLON ÇöZÜMLERi

BETON = BS20 DEMiR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	B	D	ETR
4	N	0.45	0.45	20.520	4.630	-3.125	0.50	10.12	4.91	8.59				
				28.440	-4.630	4.160	0.50	10.12	6.10	7.40				
				28.010	-7.590	1.440	0.50	10.12	3.50	10.00				
								10.12	6.10	10.00				
4	M	0.70	0.45	27.678	-6.430	-4.892	0.50	15.75	12.00	9.00				
				33.970	6.430	6.280	0.50	15.75	13.48	7.52				
				35.010	11.360	1.960	0.50	15.75	5.63	15.37				
								15.75	13.48	15.37				
4	L	0.70	0.45	29.125	6.440	-5.370	0.50	15.75	12.63	8.37				
				35.440	-6.440	6.930	0.50	15.75	13.88	7.12				
				36.550	-11.370	2.520	0.50	15.75	5.87	15.13				
								15.75	13.88	15.13				
4	K	0.45	0.45	19.863	-4.630	-2.828	0.50	10.12	4.63	8.87				
				27.700	4.630	3.790	0.50	10.12	5.64	7.86				
				27.270	7.590	1.070	0.50	10.12	3.44	10.06				
								10.12	5.64	10.06				
5	N	0.45	0.70	36.243	-5.540	-5.582	0.50	15.75	7.45	13.55				
				60.530	-5.540	10.300	0.50	15.75	12.07	8.93				
				55.920	-10.800	3.620	0.50	15.75	5.49	15.51				
								15.75	12.07	15.51				
5	M	0.70	0.70	66.761	4.470	-9.926	0.50	24.50	22.84	9.82				
				106.130	4.470	15.410	0.50	24.50	23.81	8.85				
				106.490	16.990	4.170	0.50	24.50	8.66	24.01				
								24.50	23.81	24.01				
5	L	0.70	0.70	67.900	-4.470	-10.151	0.50	24.50	22.92	9.75				
				107.550	-4.470	15.260	0.50	24.50	23.80	8.87				
				107.660	-16.990	4.020	0.50	24.50	8.62	24.04				
								24.50	23.80	24.04				
5	K	0.45	0.70	35.028	5.540	-5.699	0.50	15.75	7.55	13.45				
				59.310	5.540	10.000	0.50	15.75	11.85	9.15				
				54.590	10.820	3.320	0.50	15.75	5.45	15.55				
								15.75	11.85	15.55				
6	N	0.45	0.70	37.089	-5.500	-8.094	0.50	15.75	9.95	11.05				
				63.810	-5.500	-10.970	0.50	15.75	12.56	8.44				
				59.290	-10.520	-4.280	0.50	15.75	5.61	15.39				

								15.75	12.56	15.39
6	M	0.70	0.70	74.463	3.950	-11.883	0.50	24.50	23.60	9.07
				128.180	3.950	-15.020	0.50	24.50	23.94	8.73
				128.330	16.320	-3.380	0.50	24.50	8.52	24.15
								24.50	23.94	24.15
6	L	0.70	0.70	74.477	-3.950	-11.865	0.50	24.50	23.59	9.07
				128.230	-3.950	-15.010	0.50	24.50	23.93	8.73
				128.440	-16.320	-3.370	0.50	24.50	8.51	24.15
								24.50	23.93	24.15
6	K	0.45	0.70	35.703	5.500	-8.013	0.50	15.75	9.86	11.14
				62.380	5.500	-10.730	0.50	15.75	12.41	8.59
				57.960	10.520	-4.040	0.50	15.75	5.57	15.43
								15.75	12.41	15.43
7	N	0.45	0.70	35.658	-5.500	-5.430	0.50	15.75	7.36	13.64
				60.020	-5.500	10.600	0.50	15.75	12.33	8.67
				55.500	-10.520	3.910	0.50	15.75	5.55	15.45
								15.75	12.33	15.45
7	M	0.70	0.70	74.424	3.950	-11.667	0.50	24.50	23.56	9.10
				128.120	3.950	-14.630	0.50	24.50	23.90	8.76
				128.210	16.320	-2.990	0.50	24.50	8.44	24.23
								24.50	23.90	24.23
7	L	0.70	0.70	74.347	-3.950	-11.685	0.50	24.50	23.57	9.10
				128.080	-3.950	-14.650	0.50	24.50	23.91	8.76
				128.330	-16.320	-3.010	0.50	24.50	8.44	24.22
								24.50	23.91	24.22
7	K	0.45	0.70	34.299	5.500	-5.493	0.50	15.75	7.41	13.59
				58.610	5.500	10.400	0.50	15.75	12.20	8.80
				54.190	10.520	3.710	0.50	15.75	5.52	15.48
								15.75	12.20	15.48
8	N	0.45	0.70	37.557	-5.560	-7.931	0.50	15.75	9.66	11.34
				64.430	-5.560	-10.690	0.50	15.75	12.31	8.69
				59.820	-10.840	-4.010	0.50	15.75	5.55	15.45
								15.75	12.31	15.45
8	M	0.70	0.70	65.242	4.830	-12.680	0.50	24.50	23.32	9.35
				108.230	4.830	-15.740	0.50	24.50	23.73	8.94
				108.590	17.350	-4.500	0.50	24.50	8.72	23.95
								24.50	23.73	23.95
8	L	0.70	0.70	66.659	-4.840	-12.464	0.50	24.50	23.27	9.40
				109.660	-4.840	-15.610	0.50	24.50	23.71	8.95
				109.770	-17.360	-4.370	0.50	24.50	8.68	23.98
								24.50	23.71	23.98
8	K	0.45	0.70	36.369	5.560	-7.796	0.50	15.75	9.52	11.48
				63.260	5.560	-10.350	0.50	15.75	12.08	8.92
				58.540	10.820	-3.670	0.50	15.75	5.50	15.50

								15.75	12.08	15.50
9	N	0.45	0.45	15.381	-3.840	-3.746	0.50	10.12	6.59	6.91
				27.750	-3.840	-4.150	0.50	10.12	7.24	6.26
				27.320	-6.800	-1.430	0.50	10.12	3.52	9.98
								10.12	7.24	9.98
9	M	0.70	0.45	19.698	6.180	-5.733	0.50	15.75	13.23	7.77
				33.520	6.180	-6.270	0.50	15.75	13.64	7.36
				34.560	11.110	-1.950	0.50	15.75	5.64	15.36
								15.75	13.64	15.36
9	L	0.70	0.45	21.023	-6.180	-6.300	0.50	15.75	13.66	7.34
				35.010	-6.180	-6.930	0.50	15.75	14.02	6.98
				36.120	-11.110	-2.520	0.50	15.75	5.90	15.10
								15.75	14.02	15.10
9	K	0.45	0.45	14.724	3.840	-3.449	0.50	10.12	6.10	7.40
				27.010	3.840	-3.780	0.50	10.12	6.65	6.85
				26.580	6.800	-1.060	0.50	10.12	3.46	10.04
								10.12	6.65	10.04

9TsOPs16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEN MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERi YAPI KOOPERATiFi 13.KAT KOLON BiLGiLERi

KOLON		B	D	GDNK QDNK	GDMXU QDMXU	GDMXA QDMXA	GDMYU QDMYU	GDMYA QDMYA	YNX	YMXU	YMXA	YNY	YMYU	YMYA	G.Cap	G.Ara
4	N	0.45	0.45	10.15 5.20	-4.09 -3.39	2.53 2.10	1.71 0.46	-1.15 -0.29	0.97	2.47	1.48	-0.78	2.16	1.28	0	0
4	M	0.70	0.45	13.37 5.59	6.94 5.72	-3.53 -2.90	2.13 0.59	-1.58 -0.38	-0.97	3.19	0.00	-1.26	3.38	2.21	0	0
4	L	0.70	0.45	14.14 5.59	-6.94 -5.72	3.53 2.91	3.03 0.67	-2.10 -0.42	0.97	3.19	0.00	-1.29	3.43	2.21	0	0
4	K	0.45	0.45	9.78 5.19	4.09 3.39	-2.53 -2.10	1.11 0.37	-0.82 -0.25	-0.97	2.47	1.48	-0.78	2.16	1.28	0	0
5	N	0.45	0.70	20.16 10.27	-4.81 -3.33	3.33 2.21	1.99 4.27	-1.22 -2.40	1.59	4.17	2.87	-0.07	5.00	1.77	0	0
5	M	0.70	0.70	37.04 16.89	2.63 5.97	-1.17 -3.30	2.05 4.54	-1.46 -2.71	-0.02	9.78	4.60	-0.26	8.57	3.94	0	0
5	L	0.70	0.70	37.76 16.82	-2.63 -5.98	1.17 3.30	1.63 4.80	-1.21 -2.81	0.08	9.78	4.60	-0.20	8.57	3.94	0	0
5	K	0.45	0.70	19.48 10.34	4.81 3.33	-3.33 -2.21	1.70 3.77	-1.09 -2.23	-1.65	4.19	2.88	-0.07	5.00	1.77	0	0
6	N	0.45	0.70	20.59 11.35	-4.74 -3.31	3.30 2.20	-2.79 -4.90	1.56 2.72	1.54	3.97	2.73	0.00	5.10	1.80	0	0
6	M	0.70	0.70	41.58 23.03	1.80 5.86	-0.69 -3.26	-0.49 -5.34	0.27 3.11	0.09	9.67	4.72	0.02	9.02	4.34	0	0
6	L	0.70	0.70	41.56 23.06	-1.80 -5.86	0.69 3.26	-0.44 -5.37	0.25 3.12	-0.14	9.67	4.72	0.00	9.02	4.34	0	0
6	K	0.45	0.70	19.82 11.41	4.74 3.31	-3.30 -2.20	-2.49 -4.42	1.47 2.57	-1.49	3.97	2.73	0.00	5.10	1.80	0	0
7	N	0.45	0.70	19.81 10.24	-4.74 -3.31	3.30 2.20	2.53 4.57	-1.40 -2.51	1.54	3.97	2.73	-0.00	5.10	1.80	0	0
7	M	0.70	0.70	41.53 23.03	1.80 5.86	-0.69 -3.26	0.04 5.07	0.03 2.96	0.09	9.67	4.72	-0.02	9.02	4.34	0	0
7	L	0.70	0.70	41.51 23.06	-1.80 -5.86	0.69 3.26	-0.01 5.10	0.05 2.96	-0.14	9.67	4.72	-0.00	9.02	4.34	0	0
7	K	0.45	0.70	19.06 10.30	4.74 3.31	-3.30 -2.20	2.29 4.15	-1.33 -2.38	-1.49	3.97	2.73	-0.00	5.10	1.80	0	0
8	N	0.45	0.70	21.00 11.40	-4.87 -3.32	3.35 2.21	-2.26 -4.63	1.39 2.62	1.59	4.19	2.88	0.07	5.00	1.77	0	0
8	M	0.70	0.70	36.89	3.29	-1.59	-2.26	1.60	-0.02	9.78	4.60	0.26	8.57	3.94	0	0

				18.11	5.80	-3.24	-4.84	2.90								
8	L	0.70	0.70	37.61	-3.29	1.59	-1.85	1.36	0.08	9.78	4.60	0.20	8.57	3.94	0	0
				18.03	-5.81	3.25	-5.12	3.01								
8	K	0.45	0.70	20.34	4.86	-3.35	-1.93	1.24	-1.65	4.17	2.87	0.07	5.00	1.77	0	0
				11.48	3.32	-2.21	-4.08	2.43								
9	N	0.45	0.45	9.79	-3.09	2.04	-1.69	1.14	0.97	2.47	1.48	0.78	2.16	1.28	0	0
				5.21	-2.73	1.80	-0.46	0.29								
9	M	0.70	0.45	13.06	6.20	-3.29	-2.11	1.57	-0.97	3.19	0.00	1.26	3.38	2.21	0	0
				5.65	5.45	-2.89	-0.59	0.38								
9	L	0.70	0.45	13.83	-6.21	3.29	-3.02	2.10	0.97	3.19	0.00	1.29	3.43	2.21	0	0
				5.66	-5.45	2.89	-0.67	0.42								
9	K	0.45	0.45	9.43	3.09	-2.04	-1.09	0.81	-0.97	2.47	1.48	0.78	2.16	1.28	0	0
				5.20	2.73	-1.80	-0.37	0.25								

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BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 13.KAT KOLON ÇÖZÜMLERİ

BETON = BS20 DEMİR = 3650.0

KOLON		B	D	N	MX	MY	Ro	As	Asb	Asd	Köşe	R	D	ETR
4	N	0.45	0.45	22.530	-11.150	3.130	0.59	11.92	4.29	11.61				
				14.570	-7.480	4.330	0.50	10.12	4.51	8.99				
								11.92	4.51	11.61				
4	M	0.70	0.45	13.293	12.660	-1.463	0.50	15.75	5.42	15.58				
				13.003	3.056	2.720	0.50	15.75	13.01	7.99				
				20.220	12.660	-0.660	0.50	15.75	5.28	15.72				
								15.75	13.01	15.72				
4	L	0.70	0.45	14.016	-12.660	-0.703	0.50	15.75	5.29	15.71				
				13.696	-3.056	3.700	0.50	15.75	14.27	6.73				
								15.75	14.27	15.71				
4	K	0.45	0.45	21.996	11.150	2.146	0.57	11.45	3.96	11.31				
				14.190	7.480	3.640	0.50	10.12	4.17	9.33				
								11.45	4.17	11.31				
5	N	0.45	0.70	18.214	-8.140	-3.209	0.50	15.75	5.59	15.41				
				30.360	-8.140	11.260	0.50	15.75	9.40	11.60				
								15.75	9.40	15.41				
5	M	0.70	0.70	33.596	8.600	-6.725	0.50	24.50	13.16	19.51				
				54.190	-4.470	-8.110	0.50	24.50	22.02	10.65				
				53.910	18.380	6.590	0.50	24.50	9.22	23.45				
								24.50	22.02	23.45				
5	L	0.70	0.70	34.184	-8.610	-7.103	0.50	24.50	13.72	18.94				
				54.780	4.470	-7.960	0.50	24.50	21.92	10.74				
				54.500	-18.390	6.430	0.50	24.50	9.17	23.50				
								24.50	21.92	23.50				
5	K	0.45	0.70	17.602	8.140	-3.470	0.50	15.75	5.64	15.36				
				29.750	8.140	10.470	0.50	15.75	8.84	12.16				
				31.470	-8.420	-3.320	0.50	15.75	5.59	15.41				
								15.75	8.84	15.41				
6	N	0.45	0.70	18.531	-8.050	-7.611	0.50	15.75	7.19	13.81				
				31.940	-8.050	-12.790	0.50	15.75	10.72	10.28				
				18.531	-8.050	2.589	0.50	15.75	5.47	15.53				
								15.75	10.72	15.53				
6	M	0.70	0.70	37.402	7.660	-9.461	0.50	24.50	19.15	13.52				

				64.630	-3.950	7.720	0.50	24.50	22.36	10.30
				64.700	17.330	-5.830	0.50	24.50	9.09	23.58
								24.50	22.36	23.58
6	L	0.70	0.70	37.404	-7.660	-9.416	0.50	24.50	19.10	13.57
				64.620	3.950	7.710	0.50	24.50	22.36	10.31
				64.760	-17.330	-5.810	0.50	24.50	9.08	23.58
								24.50	22.36	23.58
6	K	0.45	0.70	17.838	8.050	-7.341	0.50	15.75	7.05	13.95
				31.230	8.050	-12.010	0.50	15.75	10.08	10.92
				17.838	8.050	2.859	0.50	15.75	5.52	15.48
								15.75	10.08	15.48
7	N	0.45	0.70	17.829	-8.050	-2.823	0.50	15.75	5.52	15.48
				30.050	-8.050	12.200	0.50	15.75	10.23	10.77
				30.050	-8.050	2.000	0.50	15.75	5.38	15.62
								15.75	10.23	15.62
7	M	0.70	0.70	37.397	7.660	-8.984	0.50	24.50	18.56	14.10
				64.540	7.660	14.130	0.50	24.50	22.10	10.57
				64.650	17.330	5.110	0.50	24.50	8.88	23.79
								24.50	22.10	23.79
7	L	0.70	0.70	37.359	-7.660	-9.029	0.50	24.50	18.62	14.04
				64.570	-7.660	14.110	0.50	24.50	22.09	10.57
				64.710	-17.330	5.090	0.50	24.50	8.87	23.80
								24.50	22.09	23.80
7	K	0.45	0.70	17.154	8.050	-3.039	0.50	15.75	5.56	15.44
				29.360	8.050	11.540	0.50	15.75	9.71	11.29
								15.75	9.71	15.44
8	N	0.45	0.70	18.830	-8.190	-7.034	0.50	15.75	6.85	14.15
				32.330	-8.190	-11.890	0.50	15.75	9.82	11.18
				32.470	-8.190	-1.890	0.50	15.75	5.37	15.63
								15.75	9.82	15.63
8	M	0.70	0.70	32.941	9.090	-10.604	0.50	24.50	18.50	14.17
				55.260	-4.830	8.440	0.50	24.50	21.83	10.84
				54.980	18.870	-7.100	0.50	24.50	9.32	23.34
								24.50	21.83	23.34
8	L	0.70	0.70	33.649	-9.100	-10.235	0.50	24.50	18.04	14.62
				55.840	4.840	8.310	0.50	24.50	21.73	10.94
				55.560	-18.880	-6.970	0.50	24.50	9.28	23.39
								24.50	21.73	23.39
8	K	0.45	0.70	18.236	8.180	-6.737	0.50	15.75	6.72	14.28
				31.750	8.180	-11.010	0.50	15.75	9.18	11.82
				18.376	8.180	3.263	0.50	15.75	5.60	15.40
								15.75	9.18	15.40
9	N	0.45	0.45	8.031	-5.820	-3.681	0.50	10.12	4.73	8.77
				14.220	-5.820	-4.310	0.50	10.12	5.23	8.27

				9.591	-5.820	0.639	0.50	10.12	3.42	10.08
								10.12	5.23	10.08
9	M	0.70	0.45	10.494	11.650	-5.279	0.50	15.75	7.86	13.14
				12.724	2.390	-2.700	0.50	15.75	14.05	6.95
				19.970	11.650	0.680	0.50	15.75	5.29	15.71
								15.75	14.05	15.71
9	L	0.70	0.45	11.157	-11.660	-6.148	0.50	15.75	8.78	12.22
				13.417	-2.399	-3.690	0.50	15.75	14.83	6.17
				13.737	-11.660	0.712	0.50	15.75	5.30	15.70
								15.75	14.83	15.70
9	K	0.45	0.45	7.707	5.820	-3.141	0.50	10.12	4.36	9.14
				13.850	5.820	-3.620	0.50	10.12	4.68	8.82
				15.410	5.820	0.700	0.50	10.12	3.42	10.08
								10.12	4.68	10.08

SÜNEKLİK BİLGİLERİ

9Ts0Ps16.66Hs10Vk3G18D
BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKöY PERŞEMBE PAZARI TÜCCARLARI TOPLU iŞYERi YAPI KOOPERATiFi 1. KAT SÜNEKLiK BiLGiLERi

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                                   X   Y ö N ü                                                                  Y   Y ö N ü
                        K i R i Ş                    K O L O N                          K i R i Ş                                K O L O N
                   SOL          SAĞ     TOPLAM   ÜST    ALT  TOPLAM    Vis      SOL          SAĞ     TOPLAM  ÜST    ALT  TOPLAM   Vis
NOKTA NO    ÜST   ALT   ÜST   ALT   *1.2                                      ÜST   ALT   ÜST   ALT   *1.2

 4   N                        42/ 55        55x 55 55x 55                          42/ 55                        55x 55 55x 55
      As  0.00  0.00 11.40  7.35            24.25  24.25                   13.38  7.10  0.00  0.00            24.25  24.25
      Mr  0.00  0.00 21.56 14.06  25.87     32.73  33.54  66.27   4.83 25.17 13.59  0.00  0.00  30.20  33.47  34.14  67.60   5.77
      N                                     60.90 247.81                                                    65.20 242.87

 4   M        42/ 55       42/ 55        55x 100 55x 100                        90/ 55                       100x 55 100x 55
      As 11.62  7.07 11.62  7.07            51.65  51.65                   31.86 16.34  0.00  0.00            27.39  27.39
      Mr 21.96 13.53 21.96 13.53  42.59 142.41 142.04 284.45  15.68 59.71 31.20  0.00  0.00  71.65  48.28  51.23  99.51   9.34
      N                                    162.24 389.18                                                   121.83 140.67

 4   L        42/ 55       42/ 40        55x 100 55x 100                        90/ 55                       100x 55 100x 55
      As 11.62  6.88 11.62  6.88            51.65  51.65                   28.09 14.20  0.00  0.00            27.39  27.39
      Mr 21.95 13.18 15.59  9.42  37.64 142.45 147.51 289.96  14.55 52.81 27.23  0.00  0.00  63.37  46.60  48.70  95.30  10.13
      N                                    162.42 186.11                                                   111.87 124.34

 4   K        42/ 40                      55x 55 55x 55                          42/ 55                        55x 55 55x 55
      As  7.82  4.21  0.00  0.00            24.25  24.25                   12.41  6.22  0.00  0.00            24.25  24.25
      Mr 10.64  5.90  0.00  0.00  12.77     32.88  33.98  66.86   3.70 23.37 11.95  0.00  0.00  28.04  33.34  34.11  67.45   5.19
      N                                     61.77  68.33                                                    64.44  69.13

 5   N                        90/ 55       100x 55 100x 55                        42/ 55       42/ 55       55x 100 55x 100
      As  0.00  0.00 41.00 27.39            27.39  27.39                   15.93  9.11 15.93  9.11            63.71  51.65
      Mr  0.00  0.00 76.73 51.78  92.07     46.38  42.71  89.09  29.86 17.34 29.86 17.34  56.63 166.99 141.52 308.51  14.99
      N                                    110.61 503.43                                                   358.31 391.55

 5   M        90/ 55       90/ 55       100x 100 100x 100                        90/ 55       90/ 55       100x 100 100x 100
      As 31.10 16.74 31.10 16.74            53.09  53.09                   29.97 21.36 29.97 21.36            53.09  53.09
      Mr 58.37 31.96 58.37 31.96 108.40 193.07 177.25 370.32  30.30 56.44 40.56 56.44 40.56 116.39 195.26 180.73 375.99  33.58
      N                                    741.24 814.81                                                   730.06 799.58

 5   L        90/ 55       90/ 40       100x 100 100x 100                        90/ 55       90/ 55       100x 100 100x 100
      As 29.88 15.11 29.88 15.11            53.09  53.09                   32.70 17.47 32.70 17.47            53.09  53.09
      Mr 56.08 28.92 39.73 20.65  92.08 199.09 184.62 383.70  25.39 61.29 33.31 61.29 33.31 113.53 199.13 185.93 385.07  27.45
      N                                    709.99 781.94                                                   709.73 775.83

 5   K        90/ 40                      100x 55 100x 55                        42/ 55       42/ 55       55x 100 55x 100
      As 15.52  8.33  0.00  0.00            42.47  27.39                   13.38 10.18 13.38 10.18            37.32  51.65
      Mr 21.18 11.71  0.00  0.00  25.41     59.83  49.87 109.70  11.82 25.24 19.32 25.24 19.32  53.47 126.73 146.49 273.22  24.20
      N                                    120.07 450.63                                                   198.26 368.58

 6   N                        90/ 55       100x 55 100x 55                        42/ 40       42/ 55       55x 100 55x 100
      As  0.00  0.00 35.69 22.09            27.39  27.39                   16.96  9.30 16.96  9.30            53.09  51.65
      Mr  0.00  0.00 66.89 41.91  80.27     50.87  46.04  96.92   4.48 22.45 12.59 31.74 17.69  53.20 148.19 138.10 286.29  14.20
      N                                    138.29 480.30                                                   370.73 406.87

 6   M        90/ 55       90/ 55       100x 100 100x 100                        90/ 55       90/ 55       100x 100 100x 100
      As 32.70 17.47 32.70 17.47            53.09  53.09                   21.96 11.81 21.96 11.81            53.09  53.09
      Mr 61.29 33.31 61.29 33.31 113.53 192.59 177.75 370.34  36.52 41.57 22.78 41.57 22.78  77.22 191.27 176.72 367.99  35.91
      N                                    743.63 812.65                                                   750.17 817.09

 6   L        90/ 55       90/ 40       100x 100 100x 100                        90/ 55       90/ 55       100x 100 100x 100
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As 28.81 18.22 28.81 18.22          53.09  53.09                23.15 11.81 23.15 11.81          53.09  53.09
Mr 54.24 34.71 38.47 24.74  94.78 197.65 184.05 381.70  29.08 43.76 22.78 43.76 22.78  79.84 197.92 184.71 382.63  30.55
N                                 717.64 784.57                                                 716.21 781.51

6   K        90/ 40                   100x 55 100x 55                  42/ 40      42/ 55        55x 100 55x 100
As 21.17 10.59  0.00  0.00            42.47  27.39              13.95  7.35 13.95  7.35          37.32  51.65
Mr 28.52 14.69  0.00  0.00  34.22  61.56  48.42 109.99  11.32 18.57 10.03 26.20 14.06  43.49 128.00 142.68 270.69  21.63
N                                 130.82 462.32                                                 205.86 386.25

7   N                   90/ 55        100x 55 100x 55                  42/ 55      42/ 40        55x 100 55x 100
As  0.00  0.00 35.69 17.56            33.80  27.39              16.96  9.30 16.96  9.30          42.47  51.65
Mr  0.00  0.00 66.66 33.49  79.99  55.48  47.76 103.25   4.10 31.74 17.69 22.45 12.59  53.20 134.53 140.91 275.44  14.14
N                                 135.51 467.44                                                 360.04 394.31

7   M        90/ 55       90/ 55        100x 100 100x 100                90/ 55      90/ 55        100x 100 100x 100
As 32.70 17.47 32.70 17.47            53.09  53.09              21.96 11.81 21.96 11.81          53.09  53.09
Mr 61.29 33.31 61.29 33.31 113.53 196.02 182.15 378.18  37.20 41.57 22.78 41.57 22.78  77.22 194.74 181.13 375.87  36.09
N                                 726.14 793.19                                                 732.76 797.78

7   L        90/ 55       90/ 40        100x 100 100x 100                90/ 55      90/ 55        100x 100 100x 100
As 28.81 18.22 28.81 18.22            53.09  53.09              23.15 11.81 23.15 11.81          53.09  53.09
Mr 54.24 34.71 38.47 24.74  94.78 197.69 184.52 382.21  29.70 43.76 22.78 43.76 22.78  79.84 197.95 185.16 383.12  30.73
N                                 717.42 782.39                                                 716.02 779.42

7   K        90/ 40                   100x 55 100x 55                  42/ 55      42/ 40        55x 100 55x 100
As 21.17 10.59  0.00  0.00            42.47  27.39              13.95  7.35 13.95  7.35          37.32  51.65
Mr 28.52 14.69  0.00  0.00  34.22  60.32  50.66 110.98  11.39 26.20 14.06 18.57 10.03  43.49 126.68 147.55 274.23  21.61
N                                 123.04 136.90                                                 197.98 363.60

8   N                   90/ 55        100x 55 100x 55                  42/ 55      42/ 55        55x 100 55x 100
As  0.00  0.00 35.69 22.09            31.86  27.39              15.93  9.11 15.93  9.11          63.71  51.65
Mr  0.00  0.00 66.89 41.91  80.27  46.94  36.46  83.39   8.50 29.86 17.34 29.86 17.34  56.63 157.80 132.20 290.00  14.37
N                                 495.15 541.84                                                 397.78 432.39

8   M        90/ 55       90/ 55        100x 100 100x 100                90/ 55      90/ 55        100x 100 100x 100
As 31.10 15.74 31.10 15.74            53.09  53.09              31.16 21.36 31.16 21.36          53.09  53.09
Mr 58.32 30.09 58.32 30.09 106.10 198.10 183.03 381.14  31.80 58.62 40.56 58.62 40.56 119.02 200.02 186.06 386.08  35.32
N                                 715.24 789.20                                                 704.95 775.24

8   L        90/ 55       90/ 40        100x 100 100x 100                90/ 55      90/ 55        100x 100 100x 100
As 29.88 15.11 29.88 15.11            53.09  53.09              32.70 17.47 32.70 17.47          53.09  53.09
Mr 56.08 28.92 39.73 20.65  92.08 197.74 183.27 381.01  27.27 61.29 33.31 61.29 33.31 113.53 197.64 184.38 382.02  29.50
N                                 717.17 788.11                                                 717.66 783.06

8   K        90/ 40                   100x 55 100x 55                  42/ 55      42/ 55        55x 100 55x 100
As 15.52  8.33  0.00  0.00            42.47  27.39              16.78 10.18 16.78 10.18          37.32  51.65
Mr 21.18 11.71  0.00  0.00  25.41  61.21  47.26 108.47  11.94 31.44 19.32 31.44 19.32  60.91 127.08 142.27 269.35  25.77
N                                 128.58 471.25                                                 358.85 388.12

9   N                   42/ 55        55x 55 55x 55                                42/ 55        55x 55 55x 55
As  0.00  0.00 10.08  6.28            24.25  24.25               0.00  0.00 14.95  4.02          24.25  24.25
Mr  0.00  0.00 19.12 12.07  22.94  33.39  32.90  66.29   4.97  0.00  0.00 27.73  7.85  33.28  33.94  33.34  67.28   6.07
N                                 64.76 252.98                                                  68.10 249.50

9   M        42/ 55       42/ 55        55x 100 55x 100                              90/ 55        100x 55 100x 55
As 10.43  6.53 10.43  6.53            51.65  51.65               0.00  0.00 31.86 15.21          27.39  27.39
Mr 19.76 12.54 19.76 12.54  38.75 138.34 144.55 282.90  17.11  0.00  0.00 59.65 29.10  71.58  45.35  48.59  93.93   9.34
N                                 145.74 171.76                                                 104.78 123.67

9   L        42/ 55       42/ 40        55x 100 55x 100                              90/ 55        100x 55 100x 55
As 10.43  6.53 10.43  6.53            51.65  51.65               0.00  0.00 28.09 10.18          27.39  27.39
Mr 19.76 12.54 14.05  8.96  34.46 142.45 146.82 289.27  16.65  0.00  0.00 52.60 19.73  63.12  46.50  48.66  95.16  13.95
N                                 162.42 367.04                                                 111.28 124.15

9   K        42/ 40                   55x 55 55x 55                                42/ 55        55x 55 55x 55
As 11.40  6.06  0.00  0.00            27.39  24.25               0.00  0.00 20.73 10.18          27.39  24.25
```

Mr	15.29	8.34	0.00	0.00	18.35	34.84	33.46	68.29	8.10	0.00	0.00	38.52	19.32	46.23	35.28	33.33	68.61	7.52
N						58.87	65.16								61.41	64.39		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	396.39	477.34
Tüm Kolonlar Kesme Kuvvetleri Toplamı	405.99	477.34
Sünek / Tüm Oranı	0.98	1.00

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                                  X  Y  ö  N  ü                                          Y  Y  ö  N  ü
                        K i R i Ş            KOLON                          K i R i Ş                KOLON
                     SOL         SAĞ        ÜST    ALT    Ve        SOL         SAĞ        ÜST    ALT    Ve
NOKTA NO    ÜST   ALT   ÜST   ALT                          Vr    ÜST   ALT   ÜST   ALT                    Vr

 4   N                        42/ 55  55x 55 55x 55                42/ 55                55x 55 55x 55
     As  0.00  0.00 11.40  7.35   24.25  24.25          13.38  7.10  0.00  0.00   24.25  24.25
     V         0.00        59.84   21.82  22.36  38.02        70.22        0.00   22.31  22.76  47.91
     N                             60.90 247.81 136.74                                65.20 242.87 136.74

 4   M        42/ 55      42/ 55  55x 100 55x 10                90/ 55                100x 55 100
     As 11.62  7.07 11.62  7.07   51.65  51.65          31.86 16.34  0.00  0.00   27.39  27.39
     V        98.08       98.08   94.94  94.69   3.38       167.14        0.00   32.19  34.15 134.95
     N                            162.24 389.18 248.62                               121.83 140.67 289.57

 4   L        42/ 55      42/ 40  55x 100 55x 10                90/ 55                100x 55 100
     As 11.62  6.88 11.62  6.88   51.65  51.65          28.09 14.20  0.00  0.00   27.39  27.39
     V        97.09       97.09   94.97  98.34   2.12       147.36        0.00   31.07  32.46 116.30
     N                            162.42 186.11 248.62                               111.87 124.34 289.57

 4   K        42/ 40              55x 55 55x 55                42/ 55                55x 55 55x 55
     As  7.82  4.21  0.00  0.00   24.25  24.25          12.41  6.22  0.00  0.00   24.25  24.25
     V        41.04        0.00   21.92  22.65  19.12        65.11        0.00   22.23  22.74  42.88
     N                             61.77  68.33 136.74                                64.44  69.13 136.74

 5   N                        90/ 55  100x 55 100x 5                42/ 55      42/ 5   55x 100 55x
     As  0.00  0.00 41.00 27.39   27.39  27.39          15.93  9.11 15.93  9.11   63.71  51.65
     V         0.00       215.11   30.92  28.47 186.64       131.37       131.37  111.33  94.35  37.03
     N                            110.61 503.43 289.57                               358.31 391.55 248.62

 5   M        90/ 55      90/ 55  100x 100 100x                90/ 55      90/      100x 100
     As 31.10 16.74 31.10 16.74   53.09  53.09          29.97 21.36 29.97 21.36   53.09  53.09
     V       251.04      251.04  128.71 118.17 132.88       269.34       269.34  130.18 120.48 148.86
     N                            741.24 814.81 702.00 K                             730.06 799.58 702.00 K

 5   L        90/ 55      90/ 40  100x 100 100x                90/ 55      90/      100x 100
     As 29.88 15.11 29.88 15.11   53.09  53.09          32.70 17.47 32.70 17.47   53.09  53.09
     V       236.04      236.04  132.72 123.08 112.97       263.24       263.24  132.76 123.96 139.29
     N                            709.99 781.94 702.00 K                             709.73 775.83 702.00 K

 5   K        90/ 40              100x 55 100x 5                42/ 55      42/ 5   55x 100 55x
     As 15.52  8.33  0.00  0.00   42.47  27.39          13.38 10.18 13.38 10.18   37.32  51.65
     V        81.43        0.00   39.89  33.25  48.18       123.63       123.63   84.49  97.66  39.14
     N                            120.07 450.63 289.57                               198.26 368.58 248.62

 6   N                        90/ 55  100x 55 100x 5                42/ 40      42/ 5   55x 100 55x
     As  0.00  0.00 35.69 22.09   27.39  27.39          16.96  9.30 16.96  9.30   53.09  51.65
     V         0.00       187.25   33.92  30.70 156.56       137.80       137.80   98.79  92.07  45.73
     N                            138.29 480.30 289.57                               370.73 406.87 248.62

 6   M        90/ 55      90/ 55  100x 100 100x                90/ 55      90/      100x 100
     As 32.70 17.47 32.70 17.47   53.09  53.09          21.96 11.81 21.96 11.81   53.09  53.09
     V       263.24      263.24  128.39 118.50 144.74       177.20       177.20  127.52 117.81  59.38
     N                            743.63 812.65 702.00 K                             750.17 817.09 702.00 K

 6   L        90/ 55      90/ 40  100x 100 100x                90/ 55      90/      100x 100
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As 28.81 18.22 28.81 18.22   53.09  53.09          23.15 11.81 23.15 11.81   53.09  53.09
V       246.76       246.76  131.77 122.70 124.06      183.46       183.46  131.95 123.14  60.32
N                            717.64 784.57 702.00 K                          716.21 781.51 702.00 K

6   K        90/ 40                 100x 55 100x 5            42/ 40      42/ 5   55x 100 55x
As 21.17 10.59  0.00  0.00   42.47  27.39          13.95  7.35 13.95  7.35   37.32  51.65
V       111.10        0.00   41.04  32.28  78.82      111.76       111.76   85.34  95.12  26.42
N                            130.82 462.32 289.57                            205.86 386.25 248.62

7   N                   90/ 55  100x 55 100x 5            42/ 55      42/ 4   55x 100 55x
As  0.00  0.00 35.69 17.56   33.80  27.39          16.96  9.30 16.96  9.30   42.47  51.65
V         0.00       187.25   36.99  31.84 155.41      137.80       137.80   89.68  93.94  48.12
N                            135.51 467.44 289.57                            360.04 394.31 248.62

7   M        90/ 55      90/ 55  100x 100 100x                 90/ 55      90/     100x 100
As 32.70 17.47 32.70 17.47   53.09  53.09          21.96 11.81 21.96 11.81   53.09  53.09
V       263.24       263.24  130.68 121.44 141.81      177.20       177.20  129.83 120.75  56.44
N                            726.14 793.19 702.00 K                          732.76 797.78 702.00 K

7   L        90/ 55      90/ 40  100x 100 100x                 90/ 55      90/     100x 100
As 28.81 18.22 28.81 18.22   53.09  53.09          23.15 11.81 23.15 11.81   53.09  53.09
V       246.76       246.76  131.79 123.01 123.74      183.46       183.46  131.97 123.44  60.02
N                            717.42 782.39 702.00 K                          716.02 779.42 702.00 K

7   K        90/ 40                 100x 55 100x 5            42/ 55      42/ 4   55x 100 55x
As 21.17 10.59  0.00  0.00   42.47  27.39          13.95  7.35 13.95  7.35   37.32  51.65
V       111.10        0.00   40.21  33.78  77.32      111.76       111.76   84.45  98.37  27.30
N                            123.04 136.90 289.57                            197.98 363.60 248.62

8   N                   90/ 55  100x 55 100x 5            42/ 55      42/ 5   55x 100 55x
As  0.00  0.00 35.69 22.09   31.86  27.39          15.93  9.11 15.93  9.11   63.71  51.65
V         0.00       187.25   31.29  24.30 162.95      131.37       131.37  105.20  88.13  43.24
N                            495.15 541.84 289.57                            397.78 432.39 248.62

8   M        90/ 55      90/ 55  100x 100 100x                 90/ 55      90/     100x 100
As 31.10 15.74 31.10 15.74   53.09  53.09          31.16 21.36 31.16 21.36   53.09  53.09
V       245.77       245.77  132.07 122.02 123.75      275.60       275.60  133.35 124.04 151.57
N                            715.24 789.20 702.00 K                          704.95 775.24 702.00 K

8   L        90/ 55      90/ 40  100x 100 100x                 90/ 55      90/     100x 100
As 29.88 15.11 29.88 15.11   53.09  53.09          32.70 17.47 32.70 17.47   53.09  53.09
V       236.04       236.04  131.82 122.18 113.86      263.24       263.24  131.76 122.92 140.33
N                            717.17 788.11 702.00 K                          717.66 783.06 702.00 K

8   K        90/ 40                 100x 55 100x 5            42/ 55      42/ 5   55x 100 55x
As 15.52  8.33  0.00  0.00   42.47  27.39          16.78 10.18 16.78 10.18   37.32  51.65
V        81.43        0.00   40.81  31.51  49.92      141.43       141.43   84.72  94.85  56.71
N                            128.58 471.25 289.57                            358.85 388.12 248.62

9   N                   42/ 55  55x 55 55x 55                 42/ 55  55x 55 55x 55
As  0.00  0.00 10.08  6.28   24.25  24.25           0.00  0.00 14.95  4.02   24.25  24.25
V         0.00        52.91   22.26  21.94  30.98       0.00        78.46   22.63  22.22  56.24
N                            64.76 252.98 136.74                             68.10 249.50 136.74

9   M        42/ 55      42/ 55  55x 100 55x 10                90/ 5   100x 55 100
As 10.43  6.53 10.43  6.53   51.65  51.65           0.00  0.00 31.86 15.21   27.39  27.39
V        89.01        89.01   92.23  96.37  -3.22       0.00       167.14   30.23  32.39 136.91
N                            145.74 171.76 248.62                            104.78 123.67 289.57

9   L        42/ 55      42/ 40  55x 100 55x 10                90/ 5   100x 55 100
As 10.43  6.53 10.43  6.53   51.65  51.65           0.00  0.00 28.09 10.18   27.39  27.39
V        89.01        89.01   94.97  97.88  -5.96       0.00       147.36   31.00  32.44 116.37
N                            162.42 367.04 248.62                            111.28 124.15 289.57

9   K        42/ 40                 55x 55 55x 55                 42/ 55  55x 55 55x 55
As 11.40  6.06  0.00  0.00   27.39  24.25           0.00  0.00 20.73 10.18   27.39  24.25
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V	59.84	0.00	23.22	22.31	37.53	0.00	108.79	23.52	22.22	86.57
N			58.87	65.16	136.74			61.41	64.39	136.74

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 2. KAT SÜNEKLİK BİLGİLERİ

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                                   X   Y ö N ü                                                                  Y   Y ö N ü
                          K i R i Ş                  K O L O N                                   K i R i Ş                          K O L O N
                   SOL          SAĞ     TOPLAM   ÜST    ALT  TOPLAM    Vis      SOL          SAĞ     TOPLAM  ÜST    ALT  TOPLAM    Vis
NOKTA NO    ÜST   ALT   ÜST   ALT   *1.2                                     ÜST   ALT   ÜST   ALT   *1.2

 4    N                          42/ 55        55x 55 55x 55                          42/ 55                    55x 55 55x 55
      As  0.00  0.00 15.21 11.69               24.25  24.25                   0.00  0.00  0.00  0.00            24.25  24.25
      Mr  0.00  0.00 28.61 22.13  34.33        33.11  32.73  65.84   4.31    0.00  0.00  0.00  0.00   0.00     33.71  33.47  67.17   3.69
      N                                        63.09  60.90                                                     66.66  65.20

 4    M        42/ 55      42/ 40        55x 100 55x 100                          90/ 55                    100x 55 100x 55
      As 16.68 12.13 16.68 12.13                51.65  51.65                  31.86 16.34  0.00  0.00            27.39  27.39
      Mr 31.33 22.94 22.19 16.31  57.16 137.02 142.41 279.43  13.00 59.71 31.20  0.00  0.00  71.65     45.35  48.28  93.63   5.20
      N                                        140.73 162.24                                                    104.80 121.83

 4    L        42/ 40                        55x 100 55x 100                          90/ 55                    100x 55 100x 55
      As 12.13  6.28  0.00  0.00                51.65  51.65                  23.56 12.19  0.00  0.00            27.39  27.39
      Mr 16.22  8.63  0.00  0.00  19.46 138.02 142.45 280.48   9.69 44.51 23.48  0.00  0.00  53.42     45.70  46.60  92.30  11.24
      N                                        144.52 162.42                                                    106.76 111.87

 4    K                                        55x 55 55x 55                                                     55x 55 55x 55
      As  0.00  0.00  0.00  0.00                24.25  24.25                   0.00  0.00  0.00  0.00            24.25  24.25
      Mr  0.00  0.00  0.00  0.00   0.00  32.54  32.88  65.42   1.33    0.00  0.00  0.00  0.00   0.00     33.00  33.34  66.34   2.68
      N                                        59.81  61.77                                                     62.48  64.44

 5    N                          90/ 55        100x 55 100x 55                          42/ 55      42/ 55        55x 100 55x 100
      As  0.00  0.00 67.54 53.94                33.80  27.39                   0.00  0.00  0.00  0.00            42.47  63.71
      Mr  0.00  0.00 125.98 101.13 151.17  53.61  46.38  99.99                 0.00  0.00  0.00  0.00   0.00 135.66 166.99 302.65  46.23
      N                                        123.63 110.61                                                    202.10 358.31

 5    M        90/ 55      90/ 55        100x 100 100x 100                          90/ 55      90/ 55        100x 100 100x 100
      As 45.62 33.55 45.62 33.55                53.09  53.09                  31.95 21.36 31.95 21.36            53.09  53.09
      Mr 85.34 63.23 85.34 63.23 178.28 207.29 193.07 400.36  28.73 60.06 40.56 60.06 40.56 120.74 207.44 195.26 402.71  20.48
      N                                        663.93 741.24                                                    663.06 730.06

 5    L        90/ 55                        100x 100 100x 100                                    90/ 55        100x 100 100x 100
      As 35.69 22.09  0.00  0.00                53.09  53.09                  20.55 11.25 28.09 11.72            53.09  53.09
      Mr 66.89 41.91  0.00  0.00  80.27 206.65 199.09 405.74  20.45   0.00  0.00 52.69 22.60  63.23 207.24 199.13 406.38  24.19
      N                                        667.70 709.99                                                    664.22 709.73

 5    K                                        100x 55 100x 55                                                   55x 100 55x 100
      As  0.00  0.00  0.00  0.00                33.80  42.47                   0.00  0.00  0.00  0.00            42.47  37.32
      Mr  0.00  0.00  0.00  0.00   0.00  52.42  59.83 112.25   4.31    0.00  0.00  0.00  0.00   0.00 134.38 126.73 261.11   3.27
      N                                        116.51 120.07                                                    194.70 198.26

 6    N                                        100x 55 100x 55                                      42/ 55      55x 100 55x 100
      As  0.00  0.00  0.00  0.00                27.39  27.39                   0.00  0.00  0.00  0.00            51.65  53.09
      Mr  0.00  0.00  0.00  0.00   0.00  50.33  50.87 101.21  22.85    0.00  0.00  0.00  0.00   0.00 148.94 148.19 297.13  35.87
      N                                        134.73 138.29                                                    356.99 370.73

 6    M                                        100x 100 100x 100                                    90/ 55      100x 100 100x 100
      As  0.00  0.00  0.00  0.00                53.09  53.09                   0.00  0.00 18.57  6.16            53.09  53.09
      Mr  0.00  0.00  0.00  0.00   0.00 199.01 192.59 391.60  15.49    0.00  0.00 35.26 12.22  42.31 199.39 191.27 390.67  13.28
      N                                        710.39 743.63                                                    708.35 750.17

 6    L                                        100x 100 100x 100                                                 100x 100 100x 100
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     As  0.00  0.00  0.00  0.00          53.09  53.09                0.00  0.00  0.00  0.00          53.09  53.09
     Mr  0.00  0.00  0.00  0.00   0.00 199.00 197.65 396.65  12.77  0.00  0.00  0.00  0.00   0.00 199.27 197.92 397.19  17.08
     N                                 710.44 717.64                                                709.01 716.21

6    K                                 100x 55 100x 55                                             55x 100 55x 100
     As  0.00  0.00  0.00  0.00          33.80  42.47                0.00  0.00  0.00  0.00          42.47  37.32
     Mr  0.00  0.00  0.00  0.00   0.00  54.20  61.56 115.76   4.25  0.00  0.00  0.00  0.00   0.00 135.69 128.00 263.70   3.83
     N                                 127.26 130.82                                                202.30 205.86

7    N                                 100x 55 100x 55                    42/ 55                   55x 100 55x 100
     As  0.00  0.00  0.00  0.00          27.39  33.80               31.35 15.71  0.00  0.00          51.65  42.47
     Mr  0.00  0.00  0.00  0.00   0.00  49.10  55.48 104.59  21.98 54.16 29.61  0.00  0.00  64.99 150.35 134.53 284.88  35.64
     N                                 126.86 135.51                                                201.86 360.04

7    M                                 100x 100 100x 100                  90/ 55                   100x 100 100x 100
     As  0.00  0.00  0.00  0.00          53.09  53.09                0.00  0.00 18.57  6.16          53.09  53.09
     Mr  0.00  0.00  0.00  0.00   0.00 199.05 196.02 395.07  14.54  0.00  0.00  0.00  0.00   0.00 199.43 194.74 394.17  12.91
     N                                 710.19 726.14                                                708.15 732.76

7    L                                 100x 100 100x 100                                           100x 100 100x 100
     As  0.00  0.00  0.00  0.00          53.09  53.09                0.00  0.00  0.00  0.00          53.09  53.09
     Mr  0.00  0.00  0.00  0.00   0.00 199.04 197.69 396.73  12.12  0.00  0.00  0.00  0.00   0.00 199.30 197.95 397.26  16.85
     N                                 710.22 717.42                                                708.82 716.02

7    K                                 100x 55 100x 55                                             55x 100 55x 100
     As  0.00  0.00  0.00  0.00          42.47  42.47                0.00  0.00  0.00  0.00          31.86  37.32
     Mr  0.00  0.00  0.00  0.00   0.00  59.73  60.32 120.04   4.35  0.00  0.00  0.00  0.00   0.00 117.27 126.68 243.95   3.85
     N                                 119.47 123.04                                                194.41 197.98

8    N                   90/ 55        100x 55 100x 55                    42/ 55      42/ 55       55x 100 55x 100
     As  0.00  0.00 62.23 48.63          33.80  31.86               31.13 16.71 31.13 16.71          42.47  63.71
     Mr  0.00  0.00 116.12 91.26 139.34  54.95  46.94 101.89        54.72 31.48 54.72 31.48 103.45 134.43 157.80 292.23  43.72
     N                                 132.05 495.15                                                360.55 397.78

8    M        90/ 55      90/ 55        100x 100 100x 100                  90/ 55      90/ 55       100x 100 100x 100
     As 45.62 33.55 45.62 33.55          53.09  53.09                0.00  0.00  0.00  0.00          53.09  53.09
     Mr 85.34 63.23 85.34 63.23 178.28 205.99 198.10 404.10  26.60  0.00  0.00  0.00  0.00   0.00 206.14 200.02 406.16  17.39
     N                                 671.51 715.24                                                670.67 704.95

8    L        90/ 55                    100x 100 100x 100                  90/ 55                   100x 100 100x 100
     As 35.69 22.09  0.00  0.00          53.09  53.09               31.79 17.47  0.00  0.00          53.09  53.09
     Mr 66.89 41.91  0.00  0.00  80.27 205.34 197.74 403.08  18.37 59.65 33.31  0.00  0.00  71.58 205.94 197.64 403.58  22.38
     N                                 675.26 717.17                                                671.84 717.66

8    K                                 100x 55 100x 55                                             55x 100 55x 100
     As  0.00  0.00  0.00  0.00          42.47  42.47                0.00  0.00  0.00  0.00          31.86  37.32
     Mr  0.00  0.00  0.00  0.00   0.00  60.64  61.21 121.85   4.54  0.00  0.00  0.00  0.00   0.00 118.66 127.08 245.73   3.16
     N                                 125.02 128.58                                                202.40 358.85

9    N                   42/ 55        55x 55 55x 55                          42/ 55        55x 55 55x 55
     As  0.00  0.00 13.23  9.86          24.25  24.25                0.00  0.00 16.78  5.15          24.25  24.25
     Mr  0.00  0.00 24.94 18.74  29.93  32.54  33.39  65.93   3.92  0.00  0.00 30.84  9.96  37.01  33.12  33.94  67.06   2.98
     N                                 59.83  64.76                                                 63.15  68.10

9    M        42/ 55      42/ 40        55x 100 55x 100                        90/ 55        100x 55 100x 55
     As 15.49 10.56 15.49 10.56          51.65  51.65                0.00  0.00  0.00  0.00          27.39  27.39
     Mr 29.10 20.02 20.62 14.24  52.02 137.00 138.34 275.34  11.31  0.00  0.00  0.00  0.00   0.00  45.31  45.35  90.65   5.20
     N                                 140.67 145.74                                                104.58 104.78

9    L        42/ 40                    55x 100 55x 100                        90/ 55        100x 55 100x 55
     As 10.81  5.40  0.00  0.00          51.65  51.65                0.00  0.00 26.48 11.84          27.39  27.39
     Mr 14.51  7.47  0.00  0.00  17.41 138.11 142.45 280.56   8.31  0.00  0.00 49.81 22.83  59.78  45.67  46.50  92.16   8.95
     N                                 144.86 162.42                                                106.57 111.28

9    K                                 55x 55 55x 55                                               55x 55 55x 55
     As  0.00  0.00  0.00  0.00          24.25  27.39                0.00  0.00  0.00  0.00          24.25  27.39
```

Hr	0.00	0.00	0.00	0.00	0.00	32.02	34.84	66.86	16.77	0.00	0.00	0.00	0.00	0.00	32.47	35.28	67.76	21.81
N						56.91	58.87								59.45	61.41		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	280.00	381.87
Tüm Kolonlar Kesme Kuvvetleri Toplamı	365.43	381.87
Sünek / Tüm Oranı	0.77	1.00

9Ts0Ps16.66Hs10Vk3G18D

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 3. KAT SÜNEKLİK BİLGİLERİ

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                                  X   Y ö N ü                                                    Y   Y ö N ü
                       K i R i Ş                 K O L O N                       K i R i Ş                 K O L O N
                 SOL          SAĞ      TOPLAM  ÜST    ALT  TOPLAM    Vis      SOL          SAĞ      TOPLAM  ÜST    ALT  TOPLAM    Vis
NOKTA NO    ÜST   ALT   ÜST   ALT   *1.2                                   ÜST   ALT   ÜST   ALT   *1.2

 4   N                     42/ 55        50x 50 55x 55                    42/ 55                    50x 50 55x 55
     As  0.00  0.00 16.90  7.82          21.36  24.25              11.40  8.29  0.00  0.00          21.36  24.25
     Mr  0.00  0.00 31.53 14.94  37.84   26.46  33.11  59.57   3.27 21.57 15.81  0.00  0.00  25.88  26.95  33.71  60.66   2.63
     N                                   59.31  63.09                                                62.83  66.66

 4   M        42/ 55       42/ 40        50x 90 55x 100                   90/ 55                    90x 50 100x 55
     As 18.44  9.36 18.44  9.36          41.59  51.65              26.48 13.35  0.00  0.00          27.39  27.39
     Mr 34.39 17.80 24.29 12.68  56.48  101.40 137.02 238.42   4.34 49.87 25.64  0.00  0.00  59.84  38.23  45.35  83.58   3.73
     N                                  125.36 140.73                                                95.12 104.80

 4   L        42/ 40       42/ 55        50x 90 55x 100                   90/ 55                    90x 50 100x 55
     As 18.44  9.36 18.44  9.36          41.59  51.65              26.48 13.35  0.00  0.00          27.39  27.39
     Mr 24.29 12.68 34.39 17.80  56.48  102.15 138.02 240.17   1.87 49.87 25.64  0.00  0.00  59.84  38.58  45.70  84.28   4.77
     N                                  128.74 144.52                                                97.39 106.76

 4   K        42/ 55                    50x 50 55x 55                    42/ 55                    50x 50 55x 55
     As 15.71  8.04  0.00  0.00          21.36  24.25              11.40  8.29  0.00  0.00          21.36  24.25
     Mr 29.41 15.35  0.00  0.00  35.29   25.97  32.54  58.51   0.98 21.57 15.81  0.00  0.00  25.88  26.46  33.00  59.46   0.45
     N                                   55.96  59.81                                                59.31  62.48

 5   N                     90/ 55        90x 50 100x 55                   42/ 55       42/ 55       50x 90 55x 100
     As  0.00  0.00 47.72 29.28          28.84  33.80              22.27 11.15 22.27 11.15          41.59  42.47
     Mr  0.00  0.00 88.96 55.29 106.75   40.40  53.61  94.01       41.33 21.14 41.33 21.14  74.96 105.13 135.66 240.79  35.88
     N                                  369.80 123.63                                               306.32 202.10

 5   M        90/ 55       90/ 55        90x 90 100x 100                  90/ 55       90/ 55       90x 90 100x 100
     As 36.41 20.23 36.41 20.23          42.47  53.09              26.58 14.20 26.58 14.20          42.47  53.09
     Mr 68.11 38.46 68.11 38.46 127.88  140.48 207.29 347.77  16.79 50.07 27.23 50.07 27.23  92.75 139.98 207.44 347.42   5.31
     N                                  593.25 663.93                                               596.12 663.06

 5   L        90/ 55       90/ 55        90x 90 100x 100                  90/ 55       90/ 55       90x 90 100x 100
     As 36.41 18.22 36.41 18.22          42.47  53.09              31.10 15.74 31.10 15.74          42.47  53.09
     Mr 68.00 34.71 68.00 34.71 123.25  139.66 206.65 346.31  11.07 58.32 30.09 58.32 30.09 106.10 139.70 207.24 346.95   2.16
     N                                  597.95 667.70                                               597.69 664.22

 5   K        90/ 55                    90x 50 100x 55                   42/ 55       42/ 55       50x 90 55x 100
     As 42.41 29.28  0.00  0.00          28.84  33.80              27.58 14.95 27.58 14.95          41.59  42.47
     Mr 79.36 55.29  0.00  0.00  95.24   40.94  52.42  93.36       49.85 28.21 49.85 28.21  93.67 106.32 134.38 240.70  46.61
     N                                  364.80 116.51                                               299.99 194.70

 6   N                     90/ 55        90x 50 100x 55                   42/ 55       42/ 55       50x 90 55x 100
     As  0.00  0.00 37.10 23.97          27.39  27.39              22.27 11.15 22.27 11.15          41.59  51.65
     Mr  0.00  0.00 69.52 45.41  83.43   37.86  50.33  88.19  15.74 41.33 21.14 41.33 21.14  74.96 101.85 148.94 250.79  31.92
     N                                  384.86 134.73                                               323.37 356.99

 6   M        90/ 55       90/ 55        90x 90 100x 100                  90/ 55       90/ 55       90x 90 100x 100
     As 31.10 15.74 31.10 15.74          42.47  53.09              29.69 14.86 29.69 14.86          42.47  53.09
     Mr 58.32 30.09 58.32 30.09 106.10  131.38 199.01 330.39   5.61 55.73 28.45 55.73 28.45 101.02 131.41 199.39 330.80   2.49
     N                                  642.41 710.39                                               642.22 708.35

 6   L        90/ 55       90/ 55        90x 90 100x 100                  90/ 55       90/ 55       90x 90 100x 100
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     As 36.41 18.22 36.41 18.22          42.47  53.09              29.69 14.86 29.69 14.86          42.47  53.09
     Mr 68.00 34.71 68.00 34.71 123.25 131.10 199.00 330.10   5.12 55.73 28.45 55.73 28.45 101.02 131.27 199.27 330.54   4.65
     N                                 643.82 710.44                                            642.96 709.01

6    K        90/ 55                   90x 50 100x 55                  42/ 55      42/ 55        50x 90 55x 100
     As 42.41 29.28  0.00  0.00          28.84  33.80              27.58 14.95 27.58 14.95          41.59  42.47
     Mr 79.36 55.29  0.00  0.00  95.24  39.69  54.20  93.88        49.85 28.21 49.85 28.21  93.67 103.26 135.69 238.96  48.08
     N                                 376.27 127.26                                            316.10 202.30

7    N                   90/ 55         90x 50 100x 55                  42/ 55      42/ 55        50x 90 55x 100
     As  0.00  0.00 37.10 23.97          27.39  27.39              22.27 11.15 22.27 11.15          41.59  51.65
     Mr  0.00  0.00 69.52 45.41  83.43  39.97  49.10  89.07  16.08 41.33 21.14 41.33 21.14  74.96 105.48 150.35 255.84  31.94
     N                                 365.90 126.86                                            304.44 201.86

7    N        90/ 55      90/ 55        90x 90 100x 100                 90/ 55      90/ 55        90x 90 100x 100
     As 31.10 15.74 31.10 15.74          42.47  53.09              29.69 14.86 29.69 14.86          42.47  53.09
     Mr 58.32 30.09 58.32 30.09 106.10 131.42 199.05 330.46   5.66 55.73 28.45 55.73 28.45 101.02 131.45 199.43 330.88   2.33
     N                                 642.21 710.19                                            642.02 708.15

7    L        90/ 55      90/ 55        90x 90 100x 100                 90/ 55      90/ 55        90x 90 100x 100
     As 36.41 18.22 36.41 18.22          42.47  53.09              29.69 14.86 29.69 14.86          42.47  53.09
     Mr 68.00 34.71 68.00 34.71 123.25 131.14 199.04 330.18   5.40 55.73 28.45 55.73 28.45 101.02 131.31 199.30 330.61   4.56
     N                                 643.62 710.22                                            642.76 708.82

7    K        90/ 55                   90x 50 100x 55                  42/ 55      42/ 55        50x 90 55x 100
     As 42.41 29.28  0.00  0.00          28.84  42.47              27.58 14.95 27.58 14.95          41.59  31.86
     Mr 79.36 55.29  0.00  0.00  95.24  41.71  59.73 101.44  29.20 49.85 28.21 49.85 28.21  93.67 106.84 117.27 224.11  48.09
     N                                 357.35 119.47                                            297.21 194.41

8    N                   90/ 55         90x 50 100x 55                  42/ 55      42/ 55        50x 90 55x 100
     As  0.00  0.00 47.72 29.28          28.84  33.80              22.27 11.15 22.27 11.15          41.59  42.47
     Mr  0.00  0.00 88.96 55.29 106.75  38.23  54.95  93.18        41.33 21.14 41.33 21.14  74.96 101.42 134.43 235.85  36.10
     N                                 388.94 132.05                                            325.57 360.55

8    N        90/ 55      90/ 55        90x 90 100x 100                 90/ 55      90/ 55        90x 90 100x 100
     As 36.41 20.23 36.41 20.23          42.47  53.09              25.79 14.20 25.79 14.20          42.47  53.09
     Mr 68.11 38.46 68.11 38.46 127.88 139.13 205.99 345.13  17.17 48.64 27.23 48.64 27.23  91.03 138.62 206.14 344.76   5.78
     N                                 600.93 671.51                                            603.79 670.67

8    L        90/ 55      90/ 55        90x 90 100x 100                 90/ 55      90/ 55        90x 90 100x 100
     As 36.41 18.22 36.41 18.22          42.47  53.09              26.58 14.20 26.58 14.20          42.47  53.09
     Mr 68.00 34.71 68.00 34.71 123.25 138.30 205.34 343.64  11.41 50.07 27.23 50.07 27.23  92.75 138.34 205.94 344.28   2.65
     N                                 605.63 675.26                                            605.36 671.84

8    K        90/ 55                   90x 50 100x 55                  42/ 55      42/ 55        50x 90 55x 100
     As 42.41 29.28  0.00  0.00          28.84  42.47              27.58 14.95 27.58 14.95          41.59  31.86
     Mr 79.36 55.29  0.00  0.00  95.24  38.79  60.64  99.43  30.00 49.85 28.21 49.85 28.21  93.67 102.61 118.66 221.26  46.12
     N                                 384.10 125.02                                            319.50 202.40

9    N                   42/ 55         50x 50 55x 55                           42/ 55        50x 50 55x 55
     As  0.00  0.00 15.71  7.82          21.36  24.25               0.00  0.00 11.40  8.29          21.36  24.25
     Mr  0.00  0.00 29.40 14.94  35.28  26.01  32.54  58.55   3.27  0.00  0.00 21.57 15.81  25.88  26.51  33.12  59.62   2.64
     N                                  56.24  59.83                                             59.64  63.15

9    M        42/ 55      42/ 40        50x 90 55x 100                           90/ 55        90x 50 100x 55
     As 18.44  9.36 18.44  9.36          41.59  51.65               0.00  0.00 26.48 11.84          27.39  27.39
     Mr 34.39 17.80 24.29 12.68  56.48 101.33 137.00 238.33   4.84  0.00  0.00 49.81 22.83  59.78  38.17  45.31  83.48   3.73
     N                                 125.05 140.67                                             94.74 104.58

9    L        42/ 40      42/ 55        50x 90 55x 100                           90/ 55        90x 50 100x 55
     As 17.25  8.83 17.25  8.83          41.59  51.65               0.00  0.00 26.48 12.06          27.39  27.39
     Mr 22.78 11.98 32.22 16.81  53.03 102.07 138.11 240.18   2.35  0.00  0.00 49.82 23.24  59.79  38.52  45.67  84.19   4.36
     N                                 128.39 144.86                                             97.04 106.57

9    K        42/ 55                   50x 50 55x 55                           42/ 55        50x 50 55x 55
     As 13.89  7.10  0.00  0.00          21.36  24.25               0.00  0.00  9.83  7.35          21.36  24.25
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Mr	26.08	13.59	0.00	0.00	31.30	25.49	32.02	57.51	2.56	0.00	0.00	18.66	14.06	22.40	25.98	32.47	58.45	4.17
N						52.81	56.91								56.03	59.45		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	192.75	381.15
Tüm Kolonlar Kesme Kuvvetleri Toplamı	321.37	381.15
Sünek / Tüm Oranı	0.60	1.00

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 4. KAT SÜNEKLİK BİLGİLERİ

NOKTA NO		X Y ö N ü KiRiŞ SOL ÜST	SOL ALT	SAĞ ÜST	SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	TOPLAM	Vis	Y Y ö N ü KiRiŞ SOL ÜST	SOL ALT	SAĞ ÜST	SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	TOPLAM	Vis
4	N			42/ 55			50x 50	50x 50			42/ 55					50x 50	50x 50		
	As	0.00	0.00	16.90	6.57		21.36	21.36			11.40	7.35	0.00	0.00		21.36	21.36		
	Mr	0.00	0.00	31.42	12.60	37.70	25.86	26.46	52.32	6.25	21.56	14.06	0.00	0.00	25.87	26.28	26.95	53.23	6.93
	N						55.23	59.31								58.06	62.83		
4	M	42/ 55		42/ 40			50x 90	50x 90			90/ 55					90x 50	90x 50		
	As	18.44	9.36	18.44	9.36		41.59	41.59			26.48	13.35	0.00	0.00		28.84	27.39		
	Mr	34.39	17.80	24.29	12.68	56.48	97.82	101.40	199.22	9.72	49.87	25.64	0.00	0.00	59.84	37.86	38.23	76.09	12.68
	N						110.23	125.36								86.45	95.12		
4	L	42/ 40		42/ 55			50x 90	50x 90			90/ 55					90x 50	90x 50		
	As	18.44	9.36	18.44	9.36		41.59	41.59			26.48	13.35	0.00	0.00		28.84	27.39		
	Mr	24.29	12.68	34.39	17.80	56.48	98.68	102.15	200.82	10.90	49.87	25.64	0.00	0.00	59.84	38.28	38.58	76.86	13.62
	N						113.70	128.74								89.10	97.39		
4	K	42/ 55					50x 50	50x 50			42/ 55					50x 50	50x 50		
	As	16.90	9.11	0.00	0.00		21.36	21.36			11.40	8.29	0.00	0.00		21.36	21.36		
	Mr	31.62	17.34	0.00	0.00	37.94	25.41	25.97	51.38	7.22	21.57	15.81	0.00	0.00	25.88	25.83	26.46	52.29	8.51
	N						52.27	55.96								55.02	59.31		
5	N			90/ 55			90x 50	90x 50			42/ 55		42/ 55			50x 90	50x 90		
	As	0.00	0.00	26.48	11.84		27.39	28.84			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	0.00	0.00	49.81	22.83	59.78	40.61	40.40	81.01	1.11	29.55	16.17	29.55	16.17	54.85	108.81	105.13	213.94	5.86
	N						111.42	369.80								164.92	306.32		
5	M	90/ 55		90/ 55			90x 90	90x 90			90/ 55		90/ 55			90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			31.10	15.74	31.10	15.74		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	150.79	140.48	291.27	27.46	58.32	30.09	58.32	30.09	106.10	150.56	139.98	290.54	34.05
	N						528.64	593.25								530.22	596.12		
5	L	90/ 55		90/ 55			90x 90	90x 90			90/ 55		90/ 55			90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			31.10	15.74	31.10	15.74		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	150.16	139.66	289.82	30.34	58.32	30.09	58.32	30.09	106.10	150.28	139.70	289.98	36.87
	N						532.92	597.95								532.12	597.69		
5	K	90/ 55					90x 50	90x 50			42/ 55		42/ 55			50x 90	50x 90		
	As	26.48	13.35	0.00	0.00		27.39	28.84			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	49.87	25.64	0.00	0.00	59.84	39.71	40.94	80.64	2.09	29.55	16.17	29.55	16.17	54.85	107.95	106.32	214.26	12.06
	N						105.01	364.80								159.40	299.99		
6	N			90/ 55			90x 50	90x 50			42/ 55		42/ 55			50x 90	50x 90		
	As	0.00	0.00	26.48	11.84		27.39	27.39			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	0.00	0.00	49.81	22.83	59.78	41.58	37.86	79.44	3.83	29.55	16.17	29.55	16.17	54.85	108.06	101.85	209.91	4.41
	N						118.65	384.86								290.59	323.37		
6	M	90/ 55		90/ 55			90x 90	90x 90			90/ 55		90/ 55			90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			29.69	14.86	29.69	14.86		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	143.17	131.38	274.55	30.44	55.73	28.45	55.73	28.45	101.02	143.18	131.41	274.59	35.63
	N						577.38	642.41								577.33	642.22		
6	L	90/ 55		90/ 55			90x 90	90x 90			90/ 55		90/ 55			90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			29.69	14.86	29.69	14.86		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	143.07	131.10	274.16	31.22	55.73	28.45	55.73	28.45	101.02	143.10	131.27	274.37	39.10

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     N                                578.02 643.82                                                577.82 642.96

6    K        90/ 55                  90x 50 90x 50                  42/ 55      42/ 55        50x 90 50x 90
     As 26.48 13.35  0.00  0.00        27.39  28.84              15.77  8.48 15.77  8.48         41.59  41.59
     Mr 49.87 25.64  0.00  0.00  59.84  40.87  39.69  80.56   1.81 29.55 16.17 29.55 16.17  54.85 108.70 103.26 211.96  11.47
     N                                113.34 376.27                                                164.17 316.10

7    N                   90/ 55       90x 50 90x 50                  42/ 55      42/ 55        50x 90 50x 90
     As  0.00  0.00 26.48 11.84        27.39  27.39              15.77  8.48 15.77  8.48         41.59  41.59
     Mr  0.00  0.00 49.81 22.83  59.78  40.72  39.97  80.69   3.78 29.55 16.17 29.55 16.17  54.85 108.65 105.48 214.13   4.39
     N                                112.18 365.90                                                163.86 304.44

7    M        90/ 55      90/ 55       90x 90 90x 90                  90/ 55      90/ 55        90x 90 90x 90
     As 31.10 15.74 31.10 15.74        42.47  42.47              29.69 14.86 29.69 14.86         42.47  42.47
     Mr 58.32 30.09 58.32 30.09 106.10 143.21 131.42 274.62  30.36 55.73 28.45 55.73 28.45 101.02 143.22 131.45 274.67  35.58
     N                                577.17 642.21                                                577.12 642.02

7    L        90/ 55      90/ 55       90x 90 90x 90                  90/ 55      90/ 55        90x 90 90x 90
     As 31.10 15.74 31.10 15.74        42.47  42.47              29.69 14.86 29.69 14.86         42.47  42.47
     Mr 58.32 30.09 58.32 30.09 106.10 143.10 131.14 274.24  31.00 55.73 28.45 55.73 28.45 101.02 143.13 131.31 274.44  39.05
     N                                577.81 643.62                                                577.61 642.76

7    K        90/ 55                  90x 50 90x 50                  42/ 55      42/ 55        50x 90 50x 90
     As 26.48 13.35  0.00  0.00        27.39  28.84              15.77  8.48 15.77  8.48         41.59  41.59
     Mr 49.87 25.64  0.00  0.00  59.84  39.98  41.71  81.70   1.82 29.55 16.17 29.55 16.17  54.85 107.68 106.84 214.51  11.47
     N                                106.92 357.35                                                157.74 297.21

8    N                   90/ 55       90x 50 90x 50                  42/ 55      42/ 55        50x 90 50x 90
     As  0.00  0.00 26.48 11.84        27.39  28.84              15.77  8.48 15.77  8.48         41.59  41.59
     Mr  0.00  0.00 49.81 22.83  59.78  41.51  38.23  79.74   1.16 29.55 16.17 29.55 16.17  54.85 107.64 101.42 209.06   5.85
     N                                118.12 388.94                                                292.88 325.57

8    M        90/ 55      90/ 55       90x 90 90x 90                  90/ 55      90/ 55        90x 90 90x 90
     As 31.10 15.74 31.10 15.74        42.47  42.47              31.10 15.74 31.10 15.74         42.47  42.47
     Mr 58.32 30.09 58.32 30.09 106.10 149.65 139.13 288.78  27.07 58.32 30.09 58.32 30.09 106.10 149.41 138.62 288.03  33.79
     N                                536.37 600.93                                                537.95 603.79

8    L        90/ 55      90/ 55       90x 90 90x 90                  90/ 55      90/ 55        90x 90 90x 90
     As 31.10 15.74 31.10 15.74        42.47  42.47              31.10 15.74 31.10 15.74         42.47  42.47
     Mr 58.32 30.09 58.32 30.09 106.10 149.00 138.30 287.30  29.96 58.32 30.09 58.32 30.09 106.10 149.12 138.34 287.47  36.59
     N                                540.63 605.63                                                539.84 605.36

8    K        90/ 55                  90x 50 90x 50                  42/ 55      42/ 55        50x 90 50x 90
     As 26.48 13.35  0.00  0.00        27.39  28.84              15.77  8.48 15.77  8.48         41.59  41.59
     Mr 49.87 25.64  0.00  0.00  59.84  40.66  38.79  79.45   1.81 29.55 16.17 29.55 16.17  54.85 108.65 102.61 211.25  12.21
     N                                111.75 384.10                                                287.40 319.50

9    N                   42/ 55       50x 50 50x 50                                 42/ 55        50x 50 50x 50
     As  0.00  0.00 15.71  7.10        21.36  21.36               0.00  0.00 11.40  7.35         21.36  21.36
     Mr  0.00  0.00 29.35 13.59  35.23  25.43  26.01  51.44   6.17  0.00  0.00 21.56 14.06  25.87  25.86  26.51  52.36   6.87
     N                                52.38  56.24                                                 55.18  59.64

9    M        42/ 55      42/ 40       50x 90 50x 90                                 90/ 55        90x 50 90x 50
     As 17.25  8.83 17.25  8.83        41.59  41.59               0.00  0.00 26.48 13.13         28.84  27.39
     Mr 32.22 16.81 22.78 11.98  53.03  97.69 101.33 199.02   9.38  0.00  0.00 49.86 25.23  59.83  37.76  38.17  75.93  12.68
     N                                109.71 125.05                                                 85.90  94.74

9    L        42/ 40      42/ 55       50x 90 50x 90                                 90/ 55        90x 50 90x 50
     As 17.25  8.83 17.25  8.83        41.59  41.59               0.00  0.00 26.48 13.13         28.84  27.39
     Mr 22.78 11.98 32.22 16.81  53.03  98.56 102.07 200.62  10.31  0.00  0.00 49.86 25.23  59.83  38.20  38.52  76.72  13.06
     N                                113.21 128.39                                                 88.57  97.04

9    K        42/ 55                  50x 50 50x 50                                 42/ 55        50x 50 50x 50
     As 15.71  8.04  0.00  0.00        21.36  21.36               0.00  0.00 11.40  8.29         21.36  21.36
     Mr 29.41 15.35  0.00  0.00  35.29  24.96  25.49  50.46   8.66  0.00  0.00 21.57 15.81  25.88  25.40  25.98  51.38  10.09
     N                                49.44  52.81                                                 52.17  56.03
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Sünek Kolonlar Kesme Kuvvetleri Toplamı	323.84	442.83
Tüm Kolonlar Kesme Kuvvetleri Toplamı	323.84	442.83
Sünek / Tüm Oranı	1.00	1.00

		X Y ö N ü										Y Y ö N ü							
		K İ R İ Ş				K O L O N				K İ R İ Ş				K O L O N			
		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis	SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA	NO	ÜST	ALT	ÜST	ALT	*1.2					ÜST	ALT	ÜST	ALT	*1.2				
4	N			42/ 55			50x 50	50x 50				42/ 55				50x 50	50x 50		
	As	0.00	0.00	15.71	5.56		21.36	21.36			9.83	6.28	0.00	0.00		21.36	21.36		
	Mr	0.00	0.00	29.22	10.72	35.07	25.15	25.86	51.01	5.25	18.66	12.07	0.00	0.00	22.39	25.53	26.28	51.80	4.65
	N						50.63	55.23								53.01	58.06		
4	M	42/ 55					50x 90	50x 90				90/ 55				90x 50	90x 50		
	As	16.90	9.11	0.00	0.00		41.59	41.59			17.34	12.13	0.00	0.00		27.39	28.84		
	Mr	31.62	17.34	0.00	0.00	37.94	95.79	97.82	193.61	5.98	33.06	23.36	0.00	0.00	39.68	36.01	37.86	73.86	8.72
	N						102.37	110.23								81.53	86.45		
4	L			42/ 55			50x 90	50x 90				90/ 55				90x 50	90x 50		
	As	0.00	0.00	16.90	5.56		41.59	41.59			17.34	10.81	0.00	0.00		27.39	28.84		
	Mr	0.00	0.00	31.22	10.72	37.47	96.51	98.68	195.19	5.71	33.06	20.90	0.00	0.00	39.67	36.37	38.28	74.65	8.76
	N						105.12	113.70								83.62	89.10		
4	K	42/ 55					50x 50	50x 50				42/ 55				50x 50	50x 50		
	As	15.71	8.04	0.00	0.00		21.36	21.36			9.83	7.35	0.00	0.00		21.36	21.36		
	Mr	29.41	15.35	0.00	0.00	35.29	24.73	25.41	50.14	5.06	18.66	14.06	0.00	0.00	22.40	25.11	25.83	50.94	4.37
	N						48.01	52.27								50.37	55.02		
5	N			90/ 55			90x 50	90x 50				42/ 55		42/ 55		50x 90	50x 90		
	As	0.00	0.00	26.48	13.13		27.39	27.39			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	0.00	0.00	49.86	25.23	59.83	39.31	40.61	79.92	12.57	29.55	16.17	29.55	16.17	54.85	105.67	108.81	214.48	14.36
	N						102.29	111.42								146.27	164.92		
5	M	90/ 55		90/ 55			90x 90	90x 90				90/ 55		90/ 55		90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			28.46	14.48	28.46	14.48		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	147.82	150.79	298.62	20.67	53.50	27.75	53.50	27.75	97.50	147.56	150.56	298.12	17.22
	N						284.69	528.64								283.06	530.22		
5	L	90/ 55		90/ 55			90x 90	90x 90				90/ 55		90/ 55		90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			28.46	14.48	28.46	14.48		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	148.11	150.16	298.27	19.99	53.50	27.75	53.50	27.75	97.50	148.18	150.28	298.46	16.56
	N						286.44	532.92								286.86	532.12		
5	K	90/ 55					90x 50	90x 50				42/ 55		42/ 55		50x 90	50x 90		
	As	26.48	13.35	0.00	0.00		27.39	27.39			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	49.87	25.64	0.00	0.00	59.84	38.46	39.71	78.16	12.51	29.55	16.17	29.55	16.17	54.85	104.75	107.95	212.69	15.78
	N						96.61	105.01								141.40	159.40		
6	N			90/ 55			90x 50	90x 50				42/ 55		42/ 55		50x 90	50x 90		
	As	0.00	0.00	26.48	11.84		27.39	27.39			15.77	8.48	15.77	8.48		41.59	41.59		
	Mr	0.00	0.00	49.81	22.83	59.78	40.19	41.58	81.77	11.51	29.55	16.17	29.55	16.17	54.85	106.51	108.06	214.57	13.93
	N						108.41	118.65								150.92	290.59		
6	M	90/ 55		90/ 55			90x 90	90x 90				90/ 55		90/ 55		90x 90	90x 90		
	As	31.10	15.74	31.10	15.74		42.47	42.47			25.16	13.45	25.16	13.45		42.47	42.47		
	Mr	58.32	30.09	58.32	30.09	106.10	150.28	143.17	293.46	19.41	47.47	25.82	47.47	25.82	87.95	150.27	143.18	293.45	17.60
	N						300.47	577.38								300.41	577.33		
6	L	90/ 55		90/ 55			90x 90	90x 90				90/ 55		90/ 55		90x 90	90x 90		
	As	26.58	14.20	26.58	14.20		42.47	42.47			25.16	13.45	25.16	13.45		42.47	42.47		
	Mr	50.07	27.23	50.07	27.23	92.75	150.17	143.07	293.24	19.14	47.47	25.82	47.47	25.82	87.95	150.21	143.10	293.31	16.80

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     N                                  299.73 578.02                                                    300.00 577.82

6    K        90/ 55                    90x 50 90x 50                    42/ 55      42/ 55        50x 90 50x 90
      As 26.48 13.35  0.00  0.00         27.39  27.39               15.77  8.48 15.77  8.48         41.59  41.59
      Mr 49.87 25.64  0.00  0.00  59.84  39.51  40.87  80.39  11.97 29.55 16.17 29.55 16.17  54.85 105.51 108.70 214.21  15.48
      N                                 103.68 113.34                                                    145.43 164.17

7    N                   90/ 55         90x 50 90x 50                    42/ 55      42/ 55        50x 90 50x 90
      As  0.00  0.00 26.48 11.84         27.39  27.39               15.77  8.48 15.77  8.48         41.59  41.59
      Mr  0.00  0.00 49.81 22.83  59.78  39.36  40.72  80.08  11.51 29.55 16.17 29.55 16.17  54.85 105.46 108.65 214.11  13.93
      N                                 102.65 112.18                                                    145.16 163.86

7    M        90/ 55      90/ 55        90x 90 90x 90                    90/ 55      90/ 55        90x 90 90x 90
      As 31.10 15.74 31.10 15.74         42.47  42.47               25.16 13.45 25.16 13.45         42.47  42.47
      Mr 58.32 30.09 58.32 30.09 106.10 150.27 143.21 293.47  19.42 47.47 25.82 47.47 25.82  87.95 150.26 143.22 293.47  17.61
      N                                 300.36 577.17                                                    300.30 577.12

7    L        90/ 55      90/ 55        90x 90 90x 90                    90/ 55      90/ 55        90x 90 90x 90
      As 26.58 14.20 26.58 14.20         42.47  42.47               25.16 13.45 25.16 13.45         42.47  42.47
      Mr 50.07 27.23 50.07 27.23  92.75 150.16 143.10 293.26  19.19 47.47 25.82 47.47 25.82  87.95 150.20 143.13 293.33  16.82
      N                                 299.62 577.81                                                    299.89 577.61

7    K        90/ 55                    90x 50 90x 50                    42/ 55      42/ 55        50x 90 50x 90
      As 26.48 13.35  0.00  0.00         27.39  27.39               15.77  8.48 15.77  8.48         41.59  41.59
      Mr 49.87 25.64  0.00  0.00  59.84  38.67  39.98  78.65  11.96 29.55 16.17 29.55 16.17  54.85 104.42 107.68 212.09  15.47
      N                                 97.97 106.92                                                     139.72 157.74

8    N                   90/ 55         90x 50 90x 50                    42/ 55      42/ 55        50x 90 50x 90
      As  0.00  0.00 26.48 13.13         27.39  27.39               15.77  8.48 15.77  8.48         41.59  41.59
      Mr  0.00  0.00 49.86 25.23  59.83  40.17  41.51  81.68  12.59 29.55 16.17 29.55 16.17  54.85 106.73 107.64 214.37  14.34
      N                                 108.22 118.12                                                    152.19 292.88

8    M        90/ 55      90/ 55        90x 90 90x 90                    90/ 55      90/ 55        90x 90 90x 90
      As 31.10 15.74 31.10 15.74         42.47  42.47               28.46 14.48 28.46 14.48         42.47  42.47
      Mr 58.32 30.09 58.32 30.09 106.10 147.73 149.65 297.38  20.74 53.50 27.75 53.50 27.75  97.50 147.46 149.41 296.87  17.29
      N                                 284.12 536.37                                                    282.49 537.95

8    L        90/ 55      90/ 55        90x 90 90x 90                    90/ 55      90/ 55        90x 90 90x 90
      As 31.10 15.74 31.10 15.74         42.47  42.47               28.46 14.48 28.46 14.48         42.47  42.47
      Mr 58.32 30.09 58.32 30.09 106.10 148.02 149.00 297.02  20.06 53.50 27.75 53.50 27.75  97.50 148.09 149.12 297.21  16.64
      N                                 285.87 540.63                                                    286.29 539.84

8    K        90/ 55                    90x 50 90x 50                    42/ 55      42/ 55        50x 90 50x 90
      As 26.48 13.35  0.00  0.00         27.39  27.39               15.77  8.48 15.77  8.48         41.59  41.59
      Mr 49.87 25.64  0.00  0.00  59.84  39.36  40.66  80.01  12.42 29.55 16.17 29.55 16.17  54.85 105.87 108.65 214.52  15.84
      N                                 102.60 111.75                                                    147.38 287.40

9    N                   42/ 55         50x 50 50x 50                                42/ 55        50x 50 50x 50
      As  0.00  0.00 13.89  6.03         21.36  21.36                0.00  0.00  9.83  6.28         21.36  21.36
      Mr  0.00  0.00 26.03 11.60  31.23  24.74  25.43  50.17   5.24  0.00  0.00 18.66 12.07  22.39  25.13  25.86  50.98   4.64
      N                                  48.09  52.38                                                     50.46  55.18

9    M        42/ 55                    50x 90 50x 90                                90/ 55        90x 50 90x 50
      As 16.90  9.11  0.00  0.00         41.59  41.59                0.00  0.00 17.34 12.13         27.39  28.84
      Mr 31.62 17.34  0.00  0.00  37.94  95.71  97.69 193.39   6.08  0.00  0.00 33.06 23.36  39.68  35.95  37.76  73.71   8.72
      N                                 102.04 109.71                                                     81.20  85.90

9    L                   42/ 55         50x 90 50x 90                                90/ 55        90x 50 90x 50
      As  0.00  0.00 16.90  5.56         41.59  41.59                0.00  0.00 17.34 10.81         27.39  28.84
      Mr  0.00  0.00 31.22 10.72  37.47  96.44  98.56 195.00   5.93  0.00  0.00 33.06 20.90  39.67  36.32  38.20  74.52   8.85
      N                                 104.83 113.21                                                     83.32  88.57

9    K        42/ 55                    50x 50 50x 50                                42/ 55        50x 50 50x 50
      As 13.89  7.10  0.00  0.00         21.36  21.36                0.00  0.00  9.11  7.35         21.36  21.36
      Mr 26.08 13.59  0.00  0.00  31.30  24.29  24.96  49.25   4.74  0.00  0.00 17.33 14.06  20.79  24.70  25.40  50.09   4.05
      N                                  45.46  49.44                                                     47.81  52.17
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Sünek Kolonlar Kesme Kuvvetleri Toplamı	299.65	308.42
Tüm Kolonlar Kesme Kuvvetleri Toplamı	299.65	308.42
Sünek / Tüm Oranı	1.00	1.00

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 6. KAT SÜNEKLİK BİLGİLERİ

		X Y ö N ü								Y Y ö N ü							
		K İ R İ Ş				K O L O N				K İ R İ Ş				K O L O N			
		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis	SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA	NO	ÜST	ALT	ÜST	ALT	*1.2					ÜST	ALT	ÜST	ALT	*1.2				
4	N				42/ 55		50x 50	50x 50				42/ 55				50x 50	50x 50		
	As	0.00	0.00	15.71	5.15		21.36	21.36			9.11	6.06	0.00	0.00		21.36	21.36		
	Mr	0.00	0.00	29.18	9.96	35.01	24.32	25.15	49.48	4.85	17.32	11.66	0.00	0.00	20.78	24.68	25.53	50.20	4.70
	N						45.66	50.63								47.70	53.01		
4	M	42/ 55		42/ 40			50x 80	50x 90				90/ 55				80x 50	90x 50		
	As	15.43	8.23	15.43	8.23		36.51	41.59			21.17	10.59	0.00	0.00		27.39	27.39		
	Mr	28.91	15.70	20.47	11.19	48.12	73.19	95.79	168.98	5.77	40.11	20.49	0.00	0.00	48.14	33.89	36.01	69.89	8.49
	N						86.74	102.37								71.15	81.53		
4	L	42/ 40		42/ 55			50x 80	50x 90				90/ 55				80x 50	90x 50		
	As	15.43	8.23	15.43	8.23		36.51	41.59			21.17	10.59	0.00	0.00		27.39	27.39		
	Mr	20.47	11.19	28.91	15.70	48.12	73.86	96.51	170.37	5.83	40.11	20.49	0.00	0.00	48.14	34.28	36.37	70.65	8.60
	N						89.51	105.12								73.40	83.62		
4	K	42/ 55					50x 50	50x 50				42/ 55				50x 50	50x 50		
	As	15.71	8.04	0.00	0.00		21.36	21.36			8.89	6.28	0.00	0.00		21.36	21.36		
	Mr	29.41	15.35	0.00	0.00	35.29	23.92	24.73	48.65	4.88	16.91	12.07	0.00	0.00	20.30	24.28	25.11	49.39	4.79
	N						43.36	48.01								45.40	50.37		
5	N				90/ 55		80x 50	90x 50				42/ 55		42/ 55		50x 80	50x 90		
	As	0.00	0.00	26.48	11.12		27.39	27.39			15.77	8.48	15.77	8.48		36.51	41.59		
	Mr	0.00	0.00	49.78	21.49	59.74	37.24	39.31	76.55	9.37	29.55	16.17	29.55	16.17	54.85	81.59	105.67	187.26	8.98
	N						92.17	102.29								127.48	146.27		
5	M	90/ 55		90/ 55			80x 80	90x 90				90/ 55		90/ 55		80x 80	90x 90		
	As	25.79	14.20	25.79	14.20		31.86	42.47			24.60	14.20	24.60	14.20		31.86	42.47		
	Mr	48.64	27.23	48.64	27.23	91.03	103.62	147.82	251.45	21.26	46.45	27.23	46.45	27.23	88.42	103.47	147.56	251.03	20.10
	N						245.34	284.69								244.08	283.06		
5	L	90/ 55		90/ 55			80x 80	90x 90				90/ 55		90/ 55		80x 80	90x 90		
	As	26.58	14.20	26.58	14.20		31.86	42.47			25.79	14.20	25.79	14.20		31.86	42.47		
	Mr	50.07	27.23	50.07	27.23	92.75	103.85	148.11	251.96	21.42	48.64	27.23	48.64	27.23	91.03	103.90	148.18	252.07	20.25
	N						247.24	286.44								247.59	286.86		
5	K	90/ 55					80x 50	90x 50				42/ 55		42/ 55		50x 80	50x 90		
	As	26.48	13.35	0.00	0.00		27.39	27.39			13.95	7.35	13.95	7.35		36.51	41.59		
	Mr	49.87	25.64	0.00	0.00	59.84	36.51	38.46	74.96	9.41	26.20	14.06	26.20	14.06	48.32	80.85	104.75	185.60	8.64
	N						87.26	96.61								123.21	141.40		
6	N				90/ 55		80x 50	90x 50				42/ 55		42/ 55		50x 80	50x 90		
	As	0.00	0.00	21.96	10.05		27.39	27.39			15.77	8.48	15.77	8.48		36.51	41.59		
	Mr	0.00	0.00	41.54	19.49	49.85	37.98	40.19	78.17	9.02	29.55	16.17	29.55	16.17	54.85	82.25	106.51	188.76	9.16
	N						97.37	108.41								131.49	150.92		
6	M	90/ 55		90/ 55			80x 80	90x 90				90/ 55		90/ 55		80x 80	90x 90		
	As	25.79	14.20	25.79	14.20		31.86	42.47			24.38	12.32	24.38	12.32		31.86	42.47		
	Mr	48.64	27.23	48.64	27.23	91.03	99.19	150.28	249.48	21.08	46.01	23.71	46.01	23.71	83.67	99.18	150.27	249.46	20.90
	N						447.28	300.47								447.35	300.41		
6	L	90/ 55		90/ 55			80x 80	90x 90				90/ 55		90/ 55		80x 80	90x 90		
	As	25.79	14.20	25.79	14.20		31.86	42.47			24.38	12.32	24.38	12.32		31.86	42.47		
	Mr	48.64	27.23	48.64	27.23	91.03	99.10	150.17	249.27	21.16	46.01	23.71	46.01	23.71	83.67	99.14	150.21	249.35	21.07

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     N                                447.94 299.73                                                447.65 300.00

6    K        90/ 55                  80x 50 90x 50                  42/ 55      42/ 55        50x 80 50x 90
     As 21.96 11.12  0.00  0.00        27.39  27.39             13.95  7.35 13.95  7.35        36.51  41.59
     Mr 41.56 21.49  0.00  0.00  49.87  37.38  39.51  76.89   8.93 26.20 14.06 26.20 14.06  48.32  81.45 105.51 186.96   8.80
     N                                93.15 103.68                                                126.67 145.43

7    N                   90/ 55       80x 50 90x 50                  42/ 55      42/ 55        50x 80 50x 90
     As  0.00  0.00 21.96 10.05        27.39  27.39             15.77  8.48 15.77  8.48        36.51  41.59
     Mr  0.00  0.00 41.54 19.49  49.85  37.26  39.36  76.62   9.02 29.55 16.17 29.55 16.17  54.85  81.41 105.46 186.88   9.16
     N                                92.34 102.65                                                126.46 145.16

7    M        90/ 55      90/ 55       80x 80 90x 90                  90/ 55      90/ 55        80x 80 90x 90
     As 25.79 14.20 25.79 14.20        31.86  42.47             24.38 12.32 24.38 12.32        31.86  42.47
     Mr 48.64 27.23 48.64 27.23  91.03  99.21 150.27 249.48  21.08 46.01 23.71 46.01 23.71  83.67  99.20 150.26 249.46  20.90
     N                               447.12 300.36                                               447.19 300.30

7    L        90/ 55      90/ 55       80x 80 90x 90                  90/ 55      90/ 55        80x 80 90x 90
     As 25.79 14.20 25.79 14.20        31.86  42.47             24.38 12.32 24.38 12.32        31.86  42.47
     Mr 48.64 27.23 48.64 27.23  91.03  99.12 150.16 249.28  21.15 46.01 23.71 46.01 23.71  83.67  99.16 150.20 249.36  21.07
     N                               447.77 299.62                                               447.48 299.89

7    K        90/ 55                  80x 50 90x 50                  42/ 55      42/ 55        50x 80 50x 90
     As 21.96 11.12  0.00  0.00        27.39  27.39             13.95  7.35 13.95  7.35        36.51  41.59
     Mr 41.56 21.49  0.00  0.00  49.87  36.65  38.67  75.31   8.93 26.20 14.06 26.20 14.06  48.32  80.58 104.42 185.00   8.80
     N                                88.19  97.97                                                121.70 139.72

8    N                   90/ 55       80x 50 90x 50                  42/ 55      42/ 55        50x 80 50x 90
     As  0.00  0.00 26.48 11.12        27.39  27.39             15.77  8.48 15.77  8.48        36.51  41.59
     Mr  0.00  0.00 49.78 21.49  59.74  37.98  40.17  78.14   9.39 29.55 16.17 29.55 16.17  54.85  82.44 106.73 189.18   8.98
     N                                97.36 108.22                                                132.66 152.19

8    M        90/ 55      90/ 55       80x 80 90x 90                  90/ 55      90/ 55        80x 80 90x 90
     As 25.79 14.20 25.79 14.20        31.86  42.47             24.60 14.20 24.60 14.20        31.86  42.47
     Mr 48.64 27.23 48.64 27.23  91.03 103.56 147.73 251.29  21.25 46.45 27.23 46.45 27.23  88.42 103.40 147.46 250.86  20.09
     N                               244.81 284.12                                               243.55 282.49

8    L        90/ 55      90/ 55       80x 80 90x 90                  90/ 55      90/ 55        80x 80 90x 90
     As 26.58 14.20 26.58 14.20        31.86  42.47             25.79 14.20 25.79 14.20        31.86  42.47
     Mr 50.07 27.23 50.07 27.23  92.75 103.42 148.02 251.44  21.40 48.64 27.23 48.64 27.23  91.03 103.47 148.09 251.55  20.23
     N                               415.20 285.87                                               414.85 286.29

8    K        90/ 55                  80x 50 90x 50                  42/ 55      42/ 55        50x 80 50x 90
     As 26.48 13.35  0.00  0.00        27.39  27.39             13.95  7.35 13.95  7.35        36.51  41.59
     Mr 49.87 25.64  0.00  0.00  59.84  37.28  39.36  76.64   9.39 26.20 14.06 26.20 14.06  48.32  81.75 105.87 187.62   8.61
     N                                92.50 102.60                                                128.45 147.38

9    N                   42/ 55       50x 50 50x 50                              42/ 55        50x 50 50x 50
     As  0.00  0.00 13.89  5.56        21.36  21.36              0.00  0.00  9.11  6.06        21.36  21.36
     Mr  0.00  0.00 26.00 10.72  31.20  23.93  24.74  48.68   4.84  0.00  0.00 17.32 11.66  20.78  24.29  25.13  49.42   4.69
     N                                43.44  48.09                                                45.47  50.46

9    M        42/ 55      42/ 40       50x 80 50x 90                              90/ 55        80x 50 90x 50
     As 15.43  7.82 15.43  7.82        36.51  41.59              0.00  0.00 21.96  9.58        27.39  27.39
     Mr 28.89 14.94 20.45 10.65  47.45  73.07  95.71 168.77   5.77  0.00  0.00 41.53 18.62  49.83  33.80  35.95  69.75   8.49
     N                                86.24 102.04                                                70.65  81.20

9    L        42/ 40      42/ 55       50x 80 50x 90                              90/ 55        80x 50 90x 50
     As 15.43  7.82 15.43  7.82        36.51  41.59              0.00  0.00 21.96  9.58        27.39  27.39
     Mr 20.45 10.65 28.89 14.94  47.45  73.74  96.44 170.18   5.79  0.00  0.00 41.53 18.62  49.83  34.20  36.32  70.51   8.59
     N                                89.03 104.83                                                72.93  83.32

9    K        42/ 55                  50x 50 50x 50                              42/ 55        50x 50 50x 50
     As 13.89  7.10  0.00  0.00        21.36  21.36              0.00  0.00  8.89  6.28        21.36  21.36
     Mr 26.08 13.59  0.00  0.00  31.30  23.53  24.29  47.82   4.94  0.00  0.00 16.91 12.07  20.30  23.89  24.70  48.58   4.85
     N                                41.14  45.46                                                43.17  47.81
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Sünek Kolonlar Kesme Kuvvetleri Toplamı	285.96	288.93
Tüm Kolonlar Kesme Kuvvetleri Toplamı	285.96	288.93
Sünek / Tüm Oranı	1.00	1.00

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 7. KAT SÜNEKLİK BİLGİLERİ

			X YÖNÜ									Y YÖNÜ								
			KİRİŞ					KOLON				KİRİŞ					KOLON			
			SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis	SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA	NO		ÜST	ALT	ÜST	ALT	*1.2					ÜST	ALT	ÜST	ALT	*1.2				
4	N				42/ 55			50x 50	50x 50			42/ 55					50x 50	50x 50		
		As	0.00	0.00	13.89	5.15		21.36	21.36			8.89	5.34	0.00	0.00		21.36	21.36		
		Mr	0.00	0.00	25.97	9.96	31.17	23.39	24.32	47.72	4.77	16.91	10.31	0.00	0.00	20.29	23.70	24.68	48.38	4.60
		N						40.38	45.66								42.10	47.70		
4	M		42/ 55		42/ 40			50x 80	50x 80			90/ 55					80x 50	80x 50		
		As	15.43	8.23	15.43	8.23		36.51	36.51			19.98	10.05	0.00	0.00		27.39	27.39		
		Mr	28.91	15.70	20.47	11.19	48.12	69.21	73.19	142.40	7.49	37.92	19.50	0.00	0.00	45.50	31.97	33.89	65.86	8.48
		N						71.27	86.74								60.39	71.15		
4	L		42/ 40		42/ 55			50x 80	50x 80			90/ 55					80x 50	80x 50		
		As	15.43	8.23	15.43	8.23		36.51	36.51			19.98	10.05	0.00	0.00		27.39	27.39		
		Mr	20.47	11.19	28.91	15.70	48.12	69.96	73.86	143.81	7.47	37.92	19.50	0.00	0.00	45.50	32.40	34.28	66.68	8.58
		N						74.03	89.51								62.75	73.40		
4	K		42/ 55					50x 50	50x 50			42/ 55					50x 50	50x 50		
		As	13.89	7.10	0.00	0.00		21.36	21.36			8.89	6.06	0.00	0.00		21.36	21.36		
		Mr	26.08	13.59	0.00	0.00	31.30	23.04	23.92	46.96	4.76	16.91	11.66	0.00	0.00	20.30	23.35	24.28	47.63	4.58
		N						38.41	43.36								40.13	45.40		
5	N				90/ 55			80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
		As	0.00	0.00	21.96	9.58		27.39	27.39			15.77	8.48	15.77	8.48		36.51	36.51		
		Mr	0.00	0.00	41.53	18.62	49.83	35.63	37.24	72.87	9.06	29.55	16.17	29.55	16.17	54.85	78.15	81.59	159.73	9.48
		N						81.60	92.17								108.97	127.48		
5	M		90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
		As	25.79	14.20	25.79	14.20		31.86	31.86			24.60	14.20	24.60	14.20		31.86	31.86		
		Mr	48.64	27.23	48.64	27.23	91.03	98.12	103.62	201.75	18.64	46.45	27.23	46.45	27.23	88.42	97.93	103.47	201.40	17.40
		N						207.16	245.34								206.01	244.08		
5	L		90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
		As	25.79	14.20	25.79	14.20		31.86	31.86			24.60	14.20	24.60	14.20		31.86	31.86		
		Mr	48.64	27.23	48.64	27.23	91.03	98.45	103.85	202.31	18.61	46.45	27.23	46.45	27.23	88.42	98.47	103.90	202.37	17.38
		N						209.17	247.24								209.29	247.59		
5	K		90/ 55					80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
		As	21.96	11.12	0.00	0.00		27.39	27.39			13.95	7.35	13.95	7.35		36.51	36.51		
		Mr	41.56	21.49	0.00	0.00	49.87	34.96	36.51	71.47	9.08	26.20	14.06	26.20	14.06	48.32	77.39	80.85	158.24	9.54
		N						77.43	87.26								105.33	123.21		
6	N				90/ 55			80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
		As	0.00	0.00	21.17	9.17		27.39	27.39			15.77	8.48	15.77	8.48		36.51	36.51		
		Mr	0.00	0.00	40.08	17.85	48.10	36.30	37.98	74.27	8.66	29.55	16.17	29.55	16.17	54.85	78.83	82.25	161.08	9.43
		N						85.87	97.37								112.38	131.49		
6	M		90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
		As	24.60	14.20	24.60	14.20		31.86	31.86			23.18	12.32	23.18	12.32		31.86	31.86		
		Mr	46.45	27.23	46.45	27.23	88.42	100.74	99.19	199.93	17.54	43.83	23.71	43.83	23.71	81.05	100.75	99.18	199.93	17.28
		N						223.91	447.28								223.96	447.35		
6	L		90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
		As	24.60	14.20	24.60	14.20		31.86	31.86			24.38	12.32	24.38	12.32		31.86	31.86		
		Mr	46.45	27.23	46.45	27.23	88.42	100.66	99.10	199.76	17.52	46.01	23.71	46.01	23.71	83.67	100.72	99.14	199.86	17.24

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     N                                  223.37 447.94                                                                  223.78 447.65

6    K        90/ 55                    80x 50 80x 50                    42/ 55      42/ 55        50x 80 50x 80
     As 21.17 10.59  0.00  0.00          27.39  27.39               13.95  7.35 13.95  7.35         36.51  36.51
     Mr 40.11 20.49  0.00  0.00  48.14  35.73  37.38  73.11   8.68 26.20 14.06 26.20 14.06  48.32  78.00  81.45 159.45   9.49
     N                                   82.24  93.15                                                 108.25 126.67

7    N                   90/ 55        80x 50 80x 50                    42/ 55      42/ 55        50x 80 50x 80
     As  0.00  0.00 21.17  9.17          27.39  27.39               15.77  8.48 15.77  8.48         36.51  36.51
     Mr  0.00  0.00 40.08 17.85  48.10  35.63  37.26  72.89   8.66 29.55 16.17 29.55 16.17  54.85  77.96  81.41 159.38   9.43
     N                                   81.56  92.34                                                 108.07 126.46

7    M        90/ 55      90/ 55        80x 80 80x 80                    90/ 55      90/ 55        80x 80 80x 80
     As 24.60 14.20 24.60 14.20          31.86  31.86               23.18 12.32 23.18 12.32         31.86  31.86
     Mr 46.45 27.23 46.45 27.23  88.42 100.72  99.21 199.93  17.54 43.83 23.71 43.83 23.71  81.05 100.73  99.20 199.93  17.28
     N                                  223.77 447.12                                                 223.82 447.19

7    L        90/ 55      90/ 55        80x 80 80x 80                    90/ 55      90/ 55        80x 80 80x 80
     As 24.60 14.20 24.60 14.20          31.86  31.86               24.38 12.32 24.38 12.32         31.86  31.86
     Mr 46.45 27.23 46.45 27.23  88.42 100.64  99.12 199.76  17.53 46.01 23.71 46.01 23.71  83.67 100.70  99.16 199.87  17.24
     N                                  223.24 447.77                                                 223.65 447.48

7    K        90/ 55                    80x 50 80x 50                    42/ 55      42/ 55        50x 80 50x 80
     As 21.17 10.59  0.00  0.00          27.39  27.39               13.95  7.35 13.95  7.35         36.51  36.51
     Mr 40.11 20.49  0.00  0.00  48.14  35.05  36.65  71.70   8.67 26.20 14.06 26.20 14.06  48.32  77.11  80.58 157.69   9.49
     N                                   77.98  88.19                                                 103.99 121.70

8    N                   90/ 55        80x 50 80x 50                    42/ 55      42/ 55        50x 80 50x 80
     As  0.00  0.00 21.96  9.58          27.39  27.39               15.77  8.48 15.77  8.48         36.51  36.51
     Mr  0.00  0.00 41.53 18.62  49.83  36.32  37.98  74.30   9.08 29.55 16.17 29.55 16.17  54.85  79.03  82.44 161.47   9.48
     N                                   86.06  97.36                                                 113.43 132.66

8    M        90/ 55      90/ 55        80x 80 80x 80                    90/ 55      90/ 55        80x 80 80x 80
     As 25.79 14.20 25.79 14.20          31.86  31.86               24.60 14.20 24.60 14.20         31.86  31.86
     Mr 48.64 27.23 48.64 27.23  91.03  98.05 103.56 201.61  18.64 46.45 27.23 46.45 27.23  88.42  97.85 103.40 201.26  17.41
     N                                  206.70 244.81                                                 205.55 243.55

8    L        90/ 55      90/ 55        80x 80 80x 80                    90/ 55      90/ 55        80x 80 80x 80
     As 25.79 14.20 25.79 14.20          31.86  31.86               24.60 14.20 24.60 14.20         31.86  31.86
     Mr 48.64 27.23 48.64 27.23  91.03  98.38 103.42 201.80  18.61 46.45 27.23 46.45 27.23  88.42  98.40 103.47 201.87  17.38
     N                                  208.72 415.20                                                 208.84 414.85

8    K        90/ 55                    80x 50 80x 50                    42/ 55      42/ 55        50x 80 50x 80
     As 21.96 11.12  0.00  0.00          27.39  27.39               13.95  7.35 13.95  7.35         36.51  36.51
     Mr 41.56 21.49  0.00  0.00  49.87  35.68  37.28  72.97   9.05 26.20 14.06 26.20 14.06  48.32  78.32  81.75 160.07   9.55
     N                                   81.93  92.50                                                 109.83 128.45

9    N                   42/ 55        50x 50 50x 50                                42/ 55        50x 50 50x 50
     As  0.00  0.00 13.89  5.15          21.36  21.36                0.00  0.00  8.89  5.34         21.36  21.36
     Mr  0.00  0.00 25.97  9.96  31.17  23.05  23.93  46.98   4.76  0.00  0.00 16.91 10.31  20.29  23.36  24.29  47.65   4.60
     N                                   38.47  43.44                                                  40.19  45.47

9    M        42/ 55      42/ 40        50x 80 50x 80                                90/ 55        80x 50 80x 50
     As 15.43  7.82 15.43  7.82          36.51  36.51                0.00  0.00 19.98  9.17         27.39  27.39
     Mr 28.89 14.94 20.45 10.65  47.45  69.03  73.07 142.10   7.49  0.00  0.00 37.90 17.85  45.48  31.85  33.80  65.65   8.48
     N                                   70.59  86.24                                                  59.71  70.65

9    L        42/ 40      42/ 55        50x 80 50x 80                                90/ 55        80x 50 80x 50
     As 15.43  7.82 15.43  7.82          36.51  36.51                0.00  0.00 19.98  9.17         27.39  27.39
     Mr 20.45 10.65 28.89 14.94  47.45  69.78  73.74 143.52   7.49  0.00  0.00 37.90 17.85  45.48  32.28  34.20  66.48   8.59
     N                                   73.38  89.03                                                  62.10  72.93

9    K        42/ 55                    50x 50 50x 50                                42/ 55        50x 50 50x 50
     As 12.57  6.28  0.00  0.00          21.36  21.36                0.00  0.00  8.89  6.06         21.36  21.36
     Mr 23.66 12.07  0.00  0.00  28.39  22.69  23.53  46.22   4.75  0.00  0.00 16.91 11.66  20.30  23.00  23.89  46.89   4.57
     N                                   36.49  41.14                                                  38.21  43.17
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Sünek Kolonlar Kesme Kuvvetleri Toplamı	264.53	266.97
Tüm Kolonlar Kesme Kuvvetleri Toplamı	264.53	266.97
Sünek / Tüm Oranı	1.00	1.00

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 8. KAT SÜNEKLİK BİLGİLERİ

NOKTA NO		X Y ö N ü KİRİŞ SOL ÜST	SOL ALT	SAĞ ÜST	SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	TOPLAM	Vis	Y Y ö N ü KİRİŞ SOL ÜST	SOL ALT	SAĞ ÜST	SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	TOPLAM	Vis
4	N			42/ 55			50x 50	50x 50			42/ 55					50x 50	50x 50		
	As	0.00	0.00	13.89	4.02		21.36	21.36			8.89	4.81	0.00	0.00		21.36	21.36		
	Mr	0.00	0.00	25.87	7.85	31.05	22.38	23.39	45.77	4.28	16.90	9.32	0.00	0.00	20.28	22.62	23.70	46.32	4.05
	N						34.79	40.38								36.12	42.10		
4	M	42/ 55					50x 80	50x 80			90/ 55					80x 50	80x 50		
	As	15.71	8.04	0.00	0.00		36.51	36.51			15.52	8.33	0.00	0.00		27.39	27.39		
	Mr	29.41	15.35	0.00	0.00	35.29	66.84	69.21	136.05	5.39	29.67	16.27	0.00	0.00	35.61	30.81	31.97	62.78	7.10
	N						62.73	71.27								54.03	60.39		
4	L			42/ 55			50x 80	50x 80			90/ 55					80x 50	80x 50		
	As	0.00	0.00	15.71	5.15		36.51	36.51			15.52	8.33	0.00	0.00		27.39	27.39		
	Mr	0.00	0.00	29.18	9.96	35.01	67.42	69.96	137.38	5.39	29.67	16.27	0.00	0.00	35.61	31.13	32.40	63.53	7.17
	N						64.81	74.03								55.78	62.75		
4	K	42/ 55					50x 50	50x 50			42/ 55					50x 50	50x 50		
	As	13.89	7.10	0.00	0.00		21.36	21.36			7.60	5.34	0.00	0.00		21.36	21.36		
	Mr	26.08	13.59	0.00	0.00	31.30	22.08	23.04	45.11	4.28	14.52	10.31	0.00	0.00	17.43	22.32	23.35	45.67	4.05
	N						33.14	38.41								34.47	40.13		
5	N			90/ 55			80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
	As	0.00	0.00	21.17	9.17		27.39	27.39			13.95	7.35	13.95	7.35		36.51	36.51		
	Mr	0.00	0.00	40.08	17.85	48.10	33.75	35.63	69.38	8.18	26.20	14.06	26.20	14.06	48.32	74.08	78.15	152.23	8.51
	N						70.38	81.60								90.46	108.97		
5	M	90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
	As	24.60	14.20	24.60	14.20		31.86	31.86			21.96	11.81	21.96	11.81		31.86	31.86		
	Mr	46.45	27.23	46.45	27.23	88.42	92.15	98.12	190.27	17.41	41.57	22.78	41.57	22.78	77.22	91.89	97.93	189.83	16.07
	N						174.68	207.16								173.43	206.01		
5	L	90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
	As	24.60	14.20	24.60	14.20		31.86	31.86			21.96	11.81	21.96	11.81		31.86	31.86		
	Mr	46.45	27.23	46.45	27.23	88.42	92.45	98.45	190.90	17.42	41.57	22.78	41.57	22.78	77.22	92.41	98.47	190.88	16.08
	N						176.17	209.17								175.97	209.29		
5	K	90/ 55					80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
	As	21.17	10.59	0.00	0.00		27.39	27.39			13.95	7.35	13.95	7.35		36.51	36.51		
	Mr	40.11	20.49	0.00	0.00	48.14	33.14	34.96	68.11	8.20	26.20	14.06	26.20	14.06	48.32	73.36	77.39	150.75	8.49
	N						66.92	77.43								87.42	105.33		
6	N			90/ 55			80x 50	80x 50			42/ 55		42/ 55			50x 80	50x 80		
	As	0.00	0.00	19.98	8.04		27.39	27.39			13.95	7.35	13.95	7.35		36.51	36.51		
	Mr	0.00	0.00	37.88	15.74	45.46	34.33	36.30	70.62	7.80	26.20	14.06	26.20	14.06	48.32	74.74	78.83	153.57	8.49
	N						73.70	85.87								93.27	112.38		
6	M	90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
	As	24.60	14.20	24.60	14.20		31.86	31.86			23.18	12.32	23.18	12.32		31.86	31.86		
	Mr	46.45	27.23	46.45	27.23	88.42	94.37	100.74	195.11	17.09	43.83	23.71	43.83	23.71	81.05	94.41	100.75	195.15	16.54
	N						186.04	223.91								186.21	223.96		
6	L	90/ 55		90/ 55			80x 80	80x 80			90/ 55		90/ 55			80x 80	80x 80		
	As	22.78	14.20	22.78	14.20		31.86	31.86			23.18	12.32	23.18	12.32		31.86	31.86		
	Mr	43.11	27.23	43.11	27.23	84.41	94.29	100.66	194.95	17.10	43.83	23.71	43.83	23.71	81.05	94.37	100.72	195.09	16.54
	N																		

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     M                                185.61 223.37                                                186.02 223.78

6    K        90/ 55                  80x 50 80x 50                  42/ 55      42/ 55        50x 80 50x 80
     As 19.98 10.05  0.00  0.00        27.39  27.39              13.95  7.35 13.95  7.35        36.51  36.51
     Mr 37.92 19.50  0.00  0.00 45.50  33.80  35.73  69.53   7.80 26.20 14.06 26.20 14.06  48.32  73.93  78.00 151.93   8.48
     N                                 70.66  82.24                                                89.83 108.25

7    N                    90/ 55       80x 50 80x 50                  42/ 55      42/ 55        50x 80 50x 80
     As  0.00  0.00 19.98  8.04        27.39  27.39              13.95  7.35 13.95  7.35        36.51  36.51
     Mr  0.00  0.00 37.88 15.74 45.46  33.70  35.63  69.33   7.80 26.20 14.06 26.20 14.06  48.32  73.90  77.96 151.86   8.49
     N                                 70.11  81.56                                                89.68 108.07

7    M        90/ 55      90/ 55       80x 80 80x 80                  90/ 55      90/ 55        80x 80 80x 80
     As 24.60 14.20 24.60 14.20        31.86  31.86              23.18 12.32 23.18 12.32        31.86  31.86
     Mr 46.45 27.23 46.45 27.23 88.42  94.36 100.72 195.08  17.09 43.83 23.71 43.83 23.71  81.05  94.39 100.73 195.12  16.54
     N                                185.95 223.77                                               186.12 223.82

7    L        90/ 55      90/ 55       80x 80 80x 80                  90/ 55      90/ 55        80x 80 80x 80
     As 22.78 14.20 22.78 14.20        31.86  31.86              23.18 12.32 23.18 12.32        31.86  31.86
     Mr 43.11 27.23 43.11 27.23 84.41  94.27 100.64 194.91  17.10 43.83 23.71 43.83 23.71  81.05  94.35 100.70 195.05  16.54
     N                                185.52 223.24                                               185.93 223.65

7    K        90/ 55                  80x 50 80x 50                  42/ 55      42/ 55        50x 80 50x 80
     As 19.98 10.05  0.00  0.00        27.39  27.39              13.95  7.35 13.95  7.35        36.51  36.51
     Mr 37.92 19.50  0.00  0.00 45.50  33.18  35.05  68.23   7.80 26.20 14.06 26.20 14.06  48.32  73.08  77.11 150.19   8.48
     N                                 67.12  77.98                                                86.29 103.99

8    N                    90/ 55       80x 50 80x 50                  42/ 55      42/ 55        50x 80 50x 80
     As  0.00  0.00 21.17  9.17        27.39  27.39              13.95  7.35 13.95  7.35        36.51  36.51
     Mr  0.00  0.00 40.08 17.85 48.10  34.40  36.32  70.72   8.20 26.20 14.06 26.20 14.06  48.32  74.95  79.03 153.98   8.51
     N                                 74.10  86.06                                                94.18 113.43

8    M        90/ 55      90/ 55       80x 80 80x 80                  90/ 55      90/ 55        80x 80 80x 80
     As 24.60 14.20 24.60 14.20        31.86  31.86              21.96 11.81 21.96 11.81        31.86  31.86
     Mr 46.45 27.23 46.45 27.23 88.42  92.05  98.05 190.10  17.41 41.57 22.78 41.57 22.78  77.22  91.80  97.85 189.65  16.07
     N                                174.21 206.70                                               172.96 205.55

8    L        90/ 55      90/ 55       80x 80 80x 80                  90/ 55      90/ 55        80x 80 80x 80
     As 24.60 14.20 24.60 14.20        31.86  31.86              21.96 11.81 21.96 11.81        31.86  31.86
     Mr 46.45 27.23 46.45 27.23 88.42  92.36  98.38 190.74  17.42 41.57 22.78 41.57 22.78  77.22  92.32  98.40 190.72  16.08
     N                                175.71 208.72                                               175.51 208.84

8    K        90/ 55                  80x 50 80x 50                  42/ 55      42/ 55        50x 80 50x 80
     As 21.17 10.59  0.00  0.00        27.39  27.39              13.95  7.35 13.95  7.35        36.51  36.51
     Mr 40.11 20.49  0.00  0.00 48.14  33.80  35.68  69.49   8.18 26.20 14.06 26.20 14.06  48.32  74.25  78.32 152.57   8.49
     N                                 70.68  81.93                                                91.18 109.83

9    N                    42/ 55       50x 50 50x 50                          42/ 55        50x 50 50x 50
     As  0.00  0.00 12.32  5.15        21.36  21.36               0.00  0.00  8.89  4.81        21.36  21.36
     Mr  0.00  0.00 23.16  9.96 27.79  22.09  23.05  45.13   4.28  0.00  0.00 16.90  9.32  20.28  22.33  23.36  45.69   4.05
     N                                 33.20  38.47                                                34.53  40.19

9    M        42/ 55                  50x 80 50x 80                          90/ 55        80x 50 80x 50
     As 15.71  8.04  0.00  0.00        36.51  36.51               0.00  0.00 13.01  8.33        27.39  27.39
     Mr 29.41 15.35  0.00  0.00 35.29  66.71  69.03 135.74   5.39  0.00  0.00 25.01 16.27  30.01  30.73  31.85  62.58   7.10
     N                                 62.31  70.59                                                53.61  59.71

9    L                    42/ 55       50x 80 50x 80                          90/ 55        80x 50 80x 50
     As  0.00  0.00 15.71  5.15        36.51  36.51               0.00  0.00 13.95  8.33        27.39  27.39
     Mr  0.00  0.00 29.18  9.96 35.01  67.31  69.78 137.10   5.39  0.00  0.00 26.76 16.27  32.11  31.06  32.28  63.34   7.17
     N                                 64.41  73.38                                                55.38  62.10

9    K        42/ 55                  50x 50 50x 50                          42/ 55        50x 50 50x 50
     As 12.32  6.28  0.00  0.00        21.36  21.36               0.00  0.00  7.60  5.34        21.36  21.36
     Mr 23.20 12.07  0.00  0.00 27.84  21.78  22.69  44.47   4.28  0.00  0.00 14.52 10.31  17.43  22.03  23.00  45.03   4.06
     N                                 31.54  36.49                                                32.87  38.21
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2

Sünek Kolonlar Kesme Kuvvetleri Toplamı	240.65	243.17
Tüm Kolonlar Kesme Kuvvetleri Toplamı	240.65	243.17
Sünek / Tüm Oranı	1.00	1.00

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEN MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 9. KAT SÜNEKLİK BİLGİLERİ

X YÖNÜ

NOKTA	NO		KİRİŞ SOL ÜST	KİRİŞ SOL ALT	KİRİŞ SAĞ ÜST	KİRİŞ SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	KOLON TOPLAM	Vis
4	N				42/ 55			45x 45	50x 50		
		As	0.00	0.00	11.59	4.02		12.32	21.36		
		Mr	0.00	0.00	21.80	7.85	26.16	13.03	22.38	35.41	3.95
		N						28.69	34.79		
4	M		42/ 55		42/ 40			45x 70	50x 80		
		As	13.85	7.10	13.85	7.10		27.33	36.51		
		Mr	26.02	13.59	18.44	9.70	42.87	43.09	66.84	109.92	4.38
		N						46.73	62.73		
4	L		42/ 40		42/ 55			45x 70	50x 80		
		As	13.85	7.10	13.85	7.10		27.33	36.51		
		Mr	18.44	9.70	26.02	13.59	42.87	43.62	67.42	111.04	4.38
		N						48.80	64.81		
4	K		42/ 55					45x 45	50x 50		
		As	11.59	6.03	0.00	0.00		12.32	21.36		
		Mr	21.88	11.60	0.00	0.00	26.25	12.82	22.08	34.90	3.94
		N						27.38	33.14		
5	N				90/ 55			70x 45	80x 50		
		As	0.00	0.00	18.16	8.04		24.25	27.39		
		Mr	0.00	0.00	34.54	15.74	41.45	25.46	33.75	59.21	7.62
		N						58.16	70.38		
5	M		90/ 55		90/ 55			70x 70	80x 80		
		As	22.78	14.20	22.78	14.20		33.80	31.86		
		Mr	43.11	27.23	43.11	27.23	84.41	71.47	92.15	163.61	15.51
		N						136.25	174.68		
5	L		90/ 55		90/ 55			70x 70	80x 80		
		As	22.78	14.20	22.78	14.20		33.80	31.86		
		Mr	43.11	27.23	43.11	27.23	84.41	71.74	92.45	164.19	15.51
		N						137.85	176.17		
5	K		90/ 55					70x 45	80x 50		
		As	18.16	9.17	0.00	0.00		24.25	27.39		
		Mr	34.55	17.85	0.00	0.00	41.46	25.04	33.14	58.18	7.64
		N						55.42	66.92		
6	N				90/ 55			70x 45	80x 50		
		As	0.00	0.00	18.16	8.04		24.25	27.39		
		Mr	0.00	0.00	34.54	15.74	41.45	25.84	34.33	60.17	7.26
		N						60.68	73.70		
6	M		90/ 55		90/ 55			70x 70	80x 80		
		As	21.46	14.20	21.46	14.20		33.80	31.86		
		Mr	40.68	27.23	40.68	27.23	81.49	73.46	94.37	167.83	15.22
		N						148.24	186.04		
6	L		90/ 55		90/ 55			70x 70	80x 80		
		As	21.21	14.20	21.21	14.20		33.80	31.86		
		Mr	40.22	27.23	40.22	27.23	80.93	73.41	94.29	167.70	15.22
		N						[illegible]	[illegible]		

Y YÖNÜ

NOKTA	NO		KİRİŞ SOL ÜST	KİRİŞ SOL ALT	KİRİŞ SAĞ ÜST	KİRİŞ SAĞ ALT	TOPLAM *1.2	KOLON ÜST	KOLON ALT	KOLON TOPLAM	Vis
4	N		42/ 55					45x 45	50x 50		
		As	7.60	4.27	0.00	0.00		12.32	21.36		
		Mr	14.52	8.32	0.00	0.00	17.43	13.20	22.62	35.83	3.73
		N						29.75	36.12		
4	M		90/ 55					70x 45	80x 50		
		As	16.59	9.17	0.00	0.00		24.25	27.39		
		Mr	31.65	17.85	0.00	0.00	37.98	22.87	30.81	53.68	6.59
		N						41.70	54.03		
4	L		90/ 55					70x 45	80x 50		
		As	16.59	9.17	0.00	0.00		24.25	27.39		
		Mr	31.65	17.85	0.00	0.00	37.98	23.16	31.13	54.30	6.64
		N						43.55	55.78		
4	K		42/ 55					45x 45	50x 50		
		As	7.60	4.27	0.00	0.00		12.32	21.36		
		Mr	14.52	8.32	0.00	0.00	17.43	12.99	22.32	35.31	3.73
		N						28.44	34.47		
5	N		42/ 55		42/ 55			45x 70	50x 80		
		As	13.51	6.88	13.51	6.88		27.33	36.51		
		Mr	25.39	13.18	25.39	13.18	46.28	48.91	74.08	122.99	7.48
		N						71.97	90.46		
5	M		90/ 55		90/ 55			70x 70	80x 80		
		As	20.48	14.20	20.48	14.20		36.44	31.86		
		Mr	38.88	27.23	38.88	27.23	79.33	74.09	91.89	165.98	14.32
		N						135.27	173.43		
5	L		90/ 55		90/ 55			70x 70	80x 80		
		As	21.21	14.20	21.21	14.20		36.44	31.86		
		Mr	40.22	27.23	40.22	27.23	80.93	74.49	92.41	166.90	14.32
		N						137.60	175.97		
5	K		42/ 55		42/ 55			45x 70	50x 80		
		As	12.38	7.35	12.38	7.35		27.33	36.51		
		Mr	23.34	14.06	23.34	14.06	44.88	48.41	73.36	121.76	7.48
		N						69.54	87.42		
6	N		42/ 55		42/ 55			45x 70	50x 80		
		As	13.51	6.88	13.51	6.88		27.33	36.51		
		Mr	25.39	13.18	25.39	13.18	46.28	49.36	74.74	124.10	7.47
		N						74.18	93.27		
6	M		90/ 55		90/ 55			70x 70	80x 80		
		As	21.36	12.32	21.36	12.32		36.44	31.86		
		Mr	40.49	23.71	40.49	23.71	77.04	76.29	94.41	170.69	14.79
		N						148.44	186.21		
6	L		90/ 55		90/ 55			70x 70	80x 80		
		As	21.36	12.32	21.36	12.32		36.44	31.86		
		Mr	40.49	23.71	40.49	23.71	77.04	76.27	94.37	170.64	14.79
		N						[illegible]	[illegible]		

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     N                                   147.91 185.61                                                                148.35 186.02

6    K        90/ 55                     70x 45 80x 50                    42/ 55      42/ 55        45x 70 50x 80
     As 18.16  9.17  0.00  0.00          24.25  27.39                12.38  7.35 12.38  7.35         27.33  36.51
     Mr 34.55 17.85  0.00  0.00  41.46   25.46  33.80  59.26   7.26 23.34 14.06 23.34 14.06  44.88  48.80  73.93 122.73   7.47
     N                                   58.20  70.66                                                        71.41  89.83

7    N                   90/ 55         70x 45 80x 50                    42/ 55      42/ 55        45x 70 50x 80
     As  0.00  0.00 18.16  8.04          24.25  27.39                13.51  6.88 13.51  6.88         27.33  36.51
     Mr  0.00  0.00 34.54 15.74  41.45   25.40  33.70  59.11   7.26 25.39 13.18 25.39 13.18  46.28  48.78  73.90 122.67   7.47
     N                                   57.81  70.11                                                        71.32  89.68

7    M        90/ 55      90/ 55         70x 70 80x 80                    90/ 55      90/ 55        70x 70 80x 80
     As 21.46 14.20 21.46 14.20          33.80  31.86                21.36 12.32 21.36 12.32         36.44  31.86
     Mr 40.68 27.23 40.68 27.23  81.49   73.44  94.36 167.80  15.22 40.49 23.71 40.49 23.71  77.04  76.27  94.39 170.66  14.79
     N                                   148.13 185.95                                                      148.33 186.12

7    L        90/ 55      90/ 55         70x 70 80x 80                    90/ 55      90/ 55        70x 70 80x 80
     As 21.21 14.20 21.21 14.20          33.80  31.86                21.36 12.32 21.36 12.32         36.44  31.86
     Mr 40.22 27.23 40.22 27.23  80.93   73.39  94.27 167.66  15.22 40.49 23.71 40.49 23.71  77.04  76.25  94.35 170.61  14.79
     N                                   147.81 185.52                                                      148.25 185.93

7    K        90/ 55                     70x 45 80x 50                    42/ 55      42/ 55        45x 70 50x 80
     As 18.16  9.17  0.00  0.00          24.25  27.39                12.38  7.35 12.38  7.35         27.33  36.51
     Mr 34.55 17.85  0.00  0.00  41.46   25.03  33.18  58.21   7.26 23.34 14.06 23.34 14.06  44.88  48.21  73.08 121.29   7.47
     N                                   55.39  67.12                                                      68.60  86.29

8    N                   90/ 55         70x 45 80x 50                    42/ 55      42/ 55        45x 70 50x 80
     As  0.00  0.00 18.16  8.04          24.25  27.39                13.51  6.88 13.51  6.88         27.33  36.51
     Mr  0.00  0.00 34.54 15.74  41.45   25.91  34.40  60.31   7.64 25.39 13.18 25.39 13.18  46.28  49.51  74.95 124.46   7.48
     N                                   61.14  74.10                                                      74.95  94.18

8    M        90/ 55      90/ 55         70x 70 80x 80                    90/ 55      90/ 55        70x 70 80x 80
     As 22.78 14.20 22.78 14.20          33.80  31.86                20.48 14.20 20.48 14.20         36.44  31.86
     Mr 43.11 27.23 43.11 27.23  84.41   71.39  92.05 163.44  15.51 38.88 27.23 38.88 27.23  79.33  74.01  91.80 165.81  14.32
     N                                   135.82 174.21                                                      134.84 172.96

8    L        90/ 55      90/ 55         70x 70 80x 80                    90/ 55      90/ 55        70x 70 80x 80
     As 22.78 14.20 22.78 14.20          33.80  31.86                21.21 14.20 21.21 14.20         36.44  31.86
     Mr 43.11 27.23 43.11 27.23  84.41   71.67  92.36 164.03  15.51 40.22 27.23 40.22 27.23  80.93  74.42  92.32 166.74  14.32
     N                                   137.43 175.71                                                      137.18 175.51

8    K        90/ 55                     70x 45 80x 50                    42/ 55      42/ 55        45x 70 50x 80
     As 18.16  9.17  0.00  0.00          24.25  27.39                12.38  7.35 12.38  7.35         27.33  36.51
     Mr 34.55 17.85  0.00  0.00  41.46   25.50  33.80  59.30   7.62 23.34 14.06 23.34 14.06  44.88  49.03  74.25 123.28   7.48
     N                                   58.44  70.68                                                      72.56  91.18

9    N                   42/ 55         45x 45 50x 50                                 42/ 55        45x 45 50x 50
     As  0.00  0.00 11.37  4.02          12.32  21.36                 0.00  0.00  7.60  4.27         12.32  21.36
     Mr  0.00  0.00 21.41  7.85  25.69   12.83  22.09  34.92   3.94  0.00  0.00 14.52  8.32  17.43  13.00  22.33  35.33   3.73
     N                                   27.41  33.20                                                      28.47  34.53

9    M        42/ 55      42/ 40         45x 70 50x 80                                 90/ 55        70x 45 80x 50
     As 13.85  7.41 13.85  7.41          27.33  36.51                 0.00  0.00 16.59  8.04         24.25  27.39
     Mr 26.03 14.18 18.45 10.12  43.38   42.94  66.71 109.65   4.38  0.00  0.00 31.65 15.74  37.98  22.77  30.73  53.50   6.59
     N                                   46.13  62.31                                                      41.10  53.61

9    L        42/ 40      42/ 55         45x 70 50x 80                                 90/ 55        70x 45 80x 50
     As 13.13  7.41 13.13  7.41          27.33  36.51                 0.00  0.00 16.59  8.04         24.25  27.39
     Mr 17.53 10.12 24.72 14.18  41.81   43.47  67.31 110.78   4.38  0.00  0.00 31.65 15.74  37.98  23.07  31.06  54.13   6.64
     N                                   48.23  64.41                                                      42.98  55.38

9    K        42/ 55                     45x 45 50x 50                                 42/ 55        45x 45 50x 50
     As 11.37  6.03  0.00  0.00          12.32  21.36                 0.00  0.00  6.88  4.27         12.32  21.36
     Mr 21.48 11.60  0.00  0.00  25.77   12.61  21.78  34.39   3.94  0.00  0.00 13.18  8.32  15.82  12.79  22.03  34.81   3.73
     N                                   26.09  31.54                                                      27.15  32.87
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Sünek Kolonlar Kesme Kuvvetleri Toplamı	215.77	217.63
Tüm Kolonlar Kesme Kuvvetleri Toplamı	215.77	217.63
Sünek / Tüm Oranı	1.00	1.00

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 10. KAT SÜNEKLİK BİLGİLERİ

		X Y ö N ü										Y Y ö N ü									
		K i R i Ş					K O L O N					K i R i Ş					K O L O N				
		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA NO		ÜST	ALT	ÜST	ALT	*1.2						ÜST	ALT	ÜST	ALT	*1.2				
4	N				42/ 55		45x 45	45x 45					42/ 55				45x 45	45x 45		
	As	0.00	0.00	10.30	4.02		12.32	12.32				7.60	3.80	0.00	0.00		12.32	12.32		
	Mr	0.00	0.00	19.48	7.85	23.37	12.00	13.03	25.04	3.20	14.52	7.44	0.00	0.00	17.42		12.13	13.20	25.33	3.04
	N						22.37	28.69									23.14	29.75		
4	N		42/ 55		42/ 40		45x 70	45x 70					90/ 55				70x 45	70x 45		
	As	13.13	7.10	13.13	7.10		24.44	27.33				15.65	8.04	0.00	0.00		23.25	24.25		
	Mr	24.71	13.59	17.52	9.70	41.30	35.67	43.09	78.76	5.60	29.90	15.74	0.00	0.00	35.89		20.13	22.87	43.00	5.42
	N						30.85	46.73									28.76	41.70		
4	L		42/ 40		42/ 55		45x 70	45x 70					90/ 55				70x 45	70x 45		
	As	13.13	7.10	13.13	7.10		27.33	27.33				15.65	8.04	0.00	0.00		24.25	24.25		
	Mr	17.52	9.70	24.71	13.59	41.30	39.31	43.62	82.92	5.60	29.90	15.74	0.00	0.00	35.89		21.06	23.16	44.23	5.50
	N						32.91	48.80									30.69	43.55		
4	K		42/ 55				45x 45	45x 45					42/ 55				45x 45	45x 45		
	As	10.30	5.15	0.00	0.00		12.32	12.32				7.60	3.80	0.00	0.00		12.32	12.32		
	Mr	19.50	9.96	0.00	0.00	23.41	11.84	12.82	24.66	3.20	14.52	7.44	0.00	0.00	17.42		11.97	12.99	24.96	3.04
	N						21.39	27.38									22.15	28.44		
5	N				90/ 55		70x 45	70x 45					42/ 55		42/ 55		45x 70	45x 70		
	As	0.00	0.00	15.65	8.04		24.25	24.25				12.91	7.41	12.91	7.41		27.33	27.33		
	Mr	0.00	0.00	29.90	15.74	35.89	23.44	25.46	48.90	5.85	24.32	14.18	24.32	14.18	46.20		44.90	48.91	93.82	6.66
	N						45.26	58.16									54.02	71.97		
5	M		90/ 55		90/ 55		70x 70	70x 70					90/ 55		90/ 55		70x 70	70x 70		
	As	20.48	14.20	20.48	14.20		33.80	33.80				20.26	14.20	20.26	14.20		36.44	36.44		
	Mr	38.88	27.23	38.88	27.23	79.33	63.96	71.47	135.43	13.35	38.48	27.23	38.48	27.23	78.85		66.63	74.09	140.72	12.25
	N						98.38	136.25									97.83	135.27		
5	L		90/ 55		90/ 55		70x 70	70x 70					90/ 55		90/ 55		70x 70	70x 70		
	As	21.21	14.20	21.21	14.20		33.80	33.80				20.26	14.20	20.26	14.20		36.44	36.44		
	Mr	40.22	27.23	40.22	27.23	80.93	64.33	71.74	136.08	13.35	38.48	27.23	38.48	27.23	78.85		67.10	74.49	141.60	12.25
	N						100.07	137.85									99.96	137.60		
5	K		90/ 55				70x 45	70x 45					42/ 55		42/ 55		45x 70	45x 70		
	As	15.65	8.04	0.00	0.00		24.25	24.25				11.66	7.35	11.66	7.35		27.33	27.33		
	Mr	29.90	15.74	0.00	0.00	35.89	23.11	25.04	48.15	5.87	22.02	14.06	22.02	14.06	43.30		44.46	48.41	92.87	6.66
	N						43.24	55.42									52.19	69.54		
6	N				90/ 55		70x 45	70x 45					42/ 55		42/ 55		45x 70	45x 70		
	As	0.00	0.00	14.58	8.04		24.25	24.25				12.91	7.41	12.91	7.41		27.33	27.33		
	Mr	0.00	0.00	27.93	15.74	33.51	23.73	25.84	49.57	5.61	24.32	14.18	24.32	14.18	46.20		45.29	49.36	94.65	6.69
	N						47.08	60.68									55.64	74.18		
6	M		90/ 55		90/ 55		70x 70	70x 70					90/ 55		90/ 55		70x 70	70x 70		
	As	20.26	14.20	20.26	14.20		33.80	33.80				19.79	12.32	19.79	12.32		36.44	36.44		
	Mr	38.48	27.23	38.48	27.23	78.85	66.75	73.46	140.21	12.63	37.59	23.71	37.59	23.71	73.57		69.57	76.29	145.85	12.26
	N						111.38	148.24									111.51	148.44		
6	L		90/ 55		90/ 55		70x 70	70x 70					90/ 55		90/ 55		70x 70	70x 70		

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     As 20.26 14.20 20.26 14.20          33.80  33.80                19.79 12.32 19.79 12.32          36.44  36.44
     Mr 38.48 27.23 38.48 27.23  78.85  66.70  73.41 140.11  12.63 37.59 23.71 37.59 23.71  73.57  69.56  76.27 145.83  12.26
     N                                 111.15 147.91                                              111.50 148.35

6    K        90/ 55                   70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00          24.25  24.25                12.38  7.35 12.38  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  23.43  25.46  48.89   5.61 23.34 14.06 23.34 14.06  44.88  44.79  48.80  93.59   6.69
     N                                  45.20  58.20                                              53.57  71.41

7    N                   90/ 55         70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 14.58  8.04          24.25  24.25                12.91  7.41 12.91  7.41         27.33  27.33
     Mr  0.00  0.00 27.93 15.74  33.51  23.39  25.40  48.79   5.61 24.32 14.18 24.32 14.18  46.20  44.78  48.78  93.55   6.69
     N                                  44.94  57.81                                              53.50  71.32

7    M        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 20.26 14.20 20.26 14.20          33.80  33.80                19.79 12.32 19.79 12.32          36.44  36.44
     Mr 38.48 27.23 38.48 27.23  78.85  66.72  73.44 140.16  12.63 37.59 23.71 37.59 23.71  73.57  69.54  76.27 145.80  12.26
     N                                 111.24 148.13                                              111.37 148.33

7    L        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 20.26 14.20 20.26 14.20          33.80  33.80                19.79 12.32 19.79 12.32          36.44  36.44
     Mr 38.48 27.23 38.48 27.23  78.85  66.67  73.39 140.06  12.63 37.59 23.71 37.59 23.71  73.57  69.53  76.25 145.79  12.26
     N                                 111.00 147.81                                              111.36 148.25

7    K        90/ 55                   70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00          24.25  24.25                11.66  7.35 11.66  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  23.09  25.03  48.12   5.61 22.02 14.06 22.02 14.06  43.30  44.28  48.21  92.49   6.69
     N                                  43.08  55.39                                              51.45  68.60

8    N                   90/ 55         70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 15.65  8.04          24.25  24.25                12.91  7.41 12.91  7.41         27.33  27.33
     Mr  0.00  0.00 29.90 15.74  35.89  23.80  25.91  49.71   5.87 24.32 14.18 24.32 14.18  46.20  45.44  49.51  94.95   6.66
     N                                  47.50  61.14                                              56.26  74.95

8    M        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 20.48 14.20 20.48 14.20          33.80  33.80                20.26 14.20 20.26 14.20          36.44  36.44
     Mr 38.88 27.23 38.88 27.23  79.33  63.87  71.39 135.26  13.35 38.48 27.23 38.48 27.23  78.85  66.54  74.01 140.55  12.25
     N                                  97.97 135.82                                               97.42 134.84

8    L        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 21.21 14.20 21.21 14.20          33.80  33.80                20.26 14.20 20.26 14.20          36.44  36.44
     Mr 40.22 27.23 40.22 27.23  80.93  64.25  71.67 135.92  13.35 38.48 27.23 38.48 27.23  78.85  67.01  74.42 141.44  12.25
     N                                  99.68 137.43                                               99.57 137.18

8    K        90/ 55                   70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00          24.25  24.25                12.38  7.35 12.38  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  23.48  25.50  48.98   5.85 23.34 14.06 23.34 14.06  44.88  45.01  49.03  94.04   6.66
     N                                  45.50  58.44                                              54.46  72.56

9    N                   42/ 55         45x 45 45x 45                          42/ 55        45x 45 45x 45
     As  0.00  0.00  9.36  4.02          12.32  12.32                 0.00  0.00  6.06  3.39         12.32  12.32
     Mr  0.00  0.00 17.76  7.85  21.31  11.84  12.83  24.67   3.20  0.00  0.00 11.66  6.68  13.99  11.97  13.00  24.97   3.04
     N                                  21.41  27.41                                              22.17  28.47

9    M        42/ 55      42/ 40        45x 70 45x 70                          90/ 55        70x 45 70x 45
     As 12.91  7.41 12.91  7.41          24.44  27.33                 0.00  0.00 14.36  8.04         23.25  24.25
     Mr 24.32 14.18 17.25 10.12  41.33  35.45  42.94  78.38   5.60  0.00  0.00 27.52 15.74  33.02  20.00  22.77  42.77   5.42
     N                                  30.06  46.13                                              27.97  41.10

9    L        42/ 40      42/ 55        45x 70 45x 70                          90/ 55        70x 45 70x 45
     As 12.91  7.41 12.91  7.41          24.44  27.33                 0.00  0.00 14.36  8.04         23.25  24.25
     Mr 17.25 10.12 24.32 14.18  41.33  36.04  43.47  79.51   5.60  0.00  0.00 27.52 15.74  33.02  20.33  23.07  43.40   5.50
     N                                  32.15  48.23                                              29.93  42.98

9    K        42/ 55                   45x 45 45x 45                          42/ 55        45x 45 45x 45
     As  9.36  5.15  0.00  0.00          12.32  12.32                 0.00  0.00  5.01  2.80         12.32  12.32
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Mr	17.78	9.96	0.00	0.00	21.33	11.68	12.61	24.29	3.20	0.00	0.00	11.19	7.44	13.43	11.81	12.79	24.59	3.04
N						20.42	26.09								21.18	27.15		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	185.01	185.42
Tüm Kolonlar Kesme Kuvvetleri Toplamı	185.01	185.42
Sünek / Tüm Oranı	1.00	1.00

BiLSAR A.Ş. MÜHENDiSLiK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDiSLiK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 11. KAT SÜNEKLİK BİLGİLERİ

		X Y ö N ü										Y Y ö N ü									
		K i R i Ş				K O L O N						K i R i Ş				K O L O N					
		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA	NO	ÜST	ALT	ÜST	ALT	*1.2						ÜST	ALT	ÜST	ALT	*1.2				
4	N			42/ 55			45x 45	45x 45				42/ 55					45x 45	45x 45		
	As	0.00	0.00	9.42	4.02		12.32	12.32				6.88	3.80	0.00	0.00		12.32	12.32		
	Mr	0.00	0.00	17.87	7.85	21.45	10.87	12.00	22.87	2.77	13.18	7.44	0.00	0.00	15.82		10.94	12.13	23.07	2.55
	N						15.59	22.37									16.02	23.14		
4	M	42/ 55					45x 70	45x 70				90/ 55					70x 45	70x 45		
	As	12.32	6.28	0.00	0.00		24.44	24.44				13.01	6.53	0.00	0.00		23.25	23.25		
	Mr	23.20	12.07	0.00	0.00	27.84	32.93	35.67	68.61	3.53	25.01	12.92	0.00	0.00	30.01		18.70	20.13	38.84	4.36
	N						21.28	30.85									20.24	28.76		
4	L			42/ 55			45x 70	45x 70				90/ 55					70x 45	70x 45		
	As	0.00	0.00	12.32	4.02		27.33	27.33				13.01	6.53	0.00	0.00		24.25	24.25		
	Mr	0.00	0.00	23.10	7.85	27.72	36.39	39.31	75.70	3.53	25.01	12.92	0.00	0.00	30.01		19.53	21.06	40.59	4.41
	N						22.65	32.91									21.55	30.69		
4	K	42/ 55					45x 45	45x 45				42/ 55					45x 45	45x 45		
	As	9.42	5.15	0.00	0.00		12.32	12.32				6.06	3.39	0.00	0.00		12.32	12.32		
	Mr	17.89	9.96	0.00	0.00	21.47	10.75	11.84	22.59	2.77	11.66	6.68	0.00	0.00	13.99		10.83	11.97	22.79	2.55
	N						14.93	21.39									15.36	22.15		
5	N			90/ 55			70x 45	70x 45				42/ 55		42/ 55			45x 70	45x 70		
	As	0.00	0.00	13.63	8.04		24.25	24.25				10.90	6.28	10.90	6.28		27.33	27.33		
	Mr	0.00	0.00	26.18	15.74	31.41	21.19	23.44	44.63	5.06	20.62	12.07	20.62	12.07	39.23		40.19	44.90	85.10	5.37
	N						31.45	45.26									36.06	54.02		
5	M	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55			70x 70	70x 70		
	As	18.98	14.20	18.98	14.20		33.80	33.80				17.09	12.57	17.09	12.57		36.44	36.44		
	Mr	36.10	27.23	36.10	27.23	75.99	56.02	63.96	119.98	10.95	32.60	24.18	32.60	24.18	68.14		58.72	66.63	125.34	9.90
	N						65.88	98.38									65.52	97.83		
5	L	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55			70x 70	70x 70		
	As	18.98	14.20	18.98	14.20		33.80	33.80				17.03	12.57	17.03	12.57		36.44	36.44		
	Mr	36.10	27.23	36.10	27.23	75.99	56.34	64.33	120.67	10.95	32.48	24.18	32.48	24.18	68.00		59.10	67.10	126.20	9.90
	N						67.03	100.07									66.92	99.96		
5	K	90/ 55					70x 45	70x 45				42/ 55		42/ 55			45x 70	45x 70		
	As	15.65	8.04	0.00	0.00		24.25	24.25				11.44	7.35	11.44	7.35		27.33	27.33		
	Mr	29.90	15.74	0.00	0.00	35.89	20.97	23.11	44.08	5.08	21.62	14.06	21.62	14.06	42.81		39.85	44.46	84.31	5.37
	N						30.13	43.24									34.85	52.19		
6	N			90/ 55			70x 45	70x 45				42/ 55		42/ 55			45x 70	45x 70		
	As	0.00	0.00	13.10	8.04		24.25	24.25				11.62	6.28	11.62	6.28		27.33	27.33		
	Mr	0.00	0.00	25.18	15.74	30.22	21.37	23.73	45.10	4.83	21.94	12.07	21.94	12.07	40.81		40.48	45.29	85.77	5.41
	N						32.57	47.08									37.09	55.64		
6	M	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55			70x 70	70x 70		
	As	18.25	14.20	18.25	14.20		33.80	33.80				17.44	14.20	17.44	14.20		36.44	36.44		
	Mr	34.76	27.23	34.76	27.23	74.38	58.24	66.75	124.98	10.68	33.24	27.23	33.24	27.23	72.57		61.05	69.57	130.62	10.23
	N						74.37	111.38									74.46	111.51		

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6   L        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 18.25 14.20 18.25 14.20         33.80  33.00              17.44 14.20 17.44 14.20         36.44  36.44
     Mr 34.76 27.23 34.76 27.23  74.38  58.20  66.70 124.90  10.68 33.24 27.23 33.24 27.23  72.57  61.05  69.56 130.61  10.23
     N                                  74.23 111.15                                              74.44 111.50

6   K        90/ 55                    70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00         24.25  24.25              11.44  7.35 11.44  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  21.16  23.43  44.59   4.83 21.62 14.06 21.62 14.06  42.81  40.09  44.79  84.89   5.41
     N                                  31.28  45.20                                              35.70  53.57

7   N                 90/ 55            70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 13.10  8.04         24.25  24.25              10.90  6.28 10.90  6.28         27.33  27.33
     Mr  0.00  0.00 25.18 15.74  30.22  21.14  23.39  44.52   4.83 20.62 12.07 20.62 12.07  39.23  40.08  44.78  84.86   5.41
     N                                  31.14  44.94                                              35.66  53.50

7   M        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 18.25 14.20 18.25 14.20         33.80  33.80              17.44 14.20 17.44 14.20         36.44  36.44
     Mr 34.76 27.23 34.76 27.23  74.38  58.21  66.72 124.93  10.68 33.24 27.23 33.24 27.23  72.57  61.03  69.54 130.56  10.23
     N                                  74.27 111.24                                              74.36 111.37

7   L        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 18.25 14.20 18.25 14.20         33.80  33.80              17.44 14.20 17.44 14.20         36.44  36.44
     Mr 34.76 27.23 34.76 27.23  74.38  58.18  66.67 124.84  10.68 33.24 27.23 33.24 27.23  72.57  61.02  69.53 130.56  10.23
     N                                  74.14 111.00                                              74.35 111.36

7   K        90/ 55                    70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00         24.25  24.25              11.44  7.35 11.44  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  20.93  23.09  44.02   4.83 21.62 14.06 21.62 14.06  42.81  39.70  44.28  83.98   5.41
     N                                  29.88  43.08                                              34.30  51.45

8   N                 90/ 55            70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 13.63  8.04         24.25  24.25              11.62  6.28 11.62  6.28         27.33  27.33
     Mr  0.00  0.00 26.18 15.74  31.41  21.43  23.80  45.23   5.08 21.94 12.07 21.94 12.07  40.81  40.61  45.44  86.05   5.37
     N                                  32.95  47.50                                              37.56  56.26

8   M        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 18.98 14.20 18.98 14.20         33.80  33.80              17.75 12.57 17.75 12.57         36.44  36.44
     Mr 36.10 27.23 36.10 27.23  75.99  55.95  63.87 119.81  10.95 33.82 24.18 33.82 24.18  69.61  58.64  66.54 125.18   9.90
     N                                  65.60  97.97                                              65.24  97.42

8   L        90/ 55      90/ 55        70x 70 70x 70                  90/ 55      90/ 55        70x 70 70x 70
     As 18.98 14.20 18.98 14.20         33.80  33.80              17.75 12.57 17.75 12.57         36.44  36.44
     Mr 36.10 27.23 36.10 27.23  75.99  56.26  64.25 120.51  10.95 33.82 24.18 33.82 24.18  69.61  59.03  67.01 126.04   9.90
     N                                  66.77  99.68                                              66.66  99.57

8   K        90/ 55                    70x 45 70x 45                  42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00         24.25  24.25              11.44  7.35 11.44  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  21.22  23.48  44.70   5.06 21.62 14.06 21.62 14.06  42.81  40.28  45.01  85.29   5.37
     N                                  31.65  45.50                                              36.37  54.46

9   N                 42/ 55            45x 45 45x 45                  42/ 55      45x 45 45x 45
     As  0.00  0.00  8.55  4.02         12.32  12.32               0.00  0.00  5.34  2.26         12.32  12.32
     Mr  0.00  0.00 16.26  7.85  19.51  10.76  11.84  22.60   2.77  0.00  0.00 10.32  4.56  12.38  10.83  11.97  22.80   2.55
     N                                  14.95  21.41                                              15.38  22.17

9   N        42/ 55                    45x 70 45x 70                  90/ 55      70x 45 70x 45
     As 12.32  6.28  0.00  0.00         24.44  24.44               0.00  0.00  7.92  4.52         23.25  23.25
     Mr 23.20 12.07  0.00  0.00  27.84  32.78  35.45  68.23   3.53  0.00  0.00 15.50  9.14  18.59  18.61  20.00  38.61   4.36
     N                                  20.74  30.06                                              19.70  27.97

9   L                 42/ 55            45x 70 45x 70                  90/ 55      70x 45 70x 45
     As  0.00  0.00 12.32  4.02         27.33  24.44               0.00  0.00  9.05  4.52         24.25  23.25
     Mr  0.00  0.00 23.10  7.85  27.72  36.24  36.04  72.28   3.53  0.00  0.00 17.62  9.15  21.14  19.44  20.33  39.77   4.41
     N                                  22.13  32.15                                              21.02  29.93
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	K	42/ 33				43X 43	43X 43						42/ 33		43X 43	43X 43		
	As	8.55	5.15	0.00	0.00	12.32	12.32			0.00	0.00	4.93	3.39		12.32	12.32		
	Mr	16.27	9.96	0.00	0.00	19.52	10.65	11.68	22.32	2.77	0.00	0.00	9.55	6.67	11.46	10.72	11.81	22.52	2.55
	N						14.29	20.42								14.72	21.18		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	151.34	151.36
Tüm Kolonlar Kesme Kuvvetleri Toplamı	151.34	151.36
Sünek / Tüm Oranı	1.00	1.00

BİLSAR A.Ş. MÜHENDİSLİK PROGRAMLARI (0212) 221 29 98 . HER HAKKI SAKLIDIR. SADECE TEM MÜHENDİSLİK LTD. TARAFINDAN KULLANILIR

S.S. KARAKÖY PERŞEMBE PAZARI TÜCCARLARI TOPLU İŞYERİ YAPI KOOPERATİFİ 12. KAT SÜNEKLİK BİLGİLERİ

		X Y ö N ü									Y Y ö N ü								
		K İ R İ Ş				K O L O N					K İ R İ Ş				K O L O N				
		SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis	SOL		SAĞ		TOPLAM	ÜST	ALT	TOPLAM	Vis
NOKTA	NO	ÜST	ALT	ÜST	ALT	*1.2					ÜST	ALT	ÜST	ALT	*1.2				
4	N			42/ 55			45x 45	45x 45				42/ 55				45x 45	45x 45		
	As	0.00	0.00	8.29	4.02		12.32	12.32			6.06	3.39	0.00	0.00		12.32	12.32		
	Mr	0.00	0.00	15.80	7.85	18.96	9.60	10.87	20.46	2.18	11.66	6.68	0.00	0.00	13.99	9.63	10.94	20.57	1.96
	N						8.16	15.59								8.35	16.02		
4	M	42/ 55					45x 70	45x 70				90/ 55				70x 45	70x 45		
	As	11.37	6.03	0.00	0.00		24.44	24.44			13.01	6.53	0.00	0.00		23.25	23.25		
	Mr	21.48	11.60	0.00	0.00	25.77	29.97	32.93	62.90	2.53	25.01	12.92	0.00	0.00	30.01	17.09	18.70	35.79	3.18
	N						11.06	21.28								10.77	20.24		
4	L			42/ 55			45x 70	45x 70				90/ 55				70x 45	70x 45		
	As	0.00	0.00	11.37	4.02		24.44	27.33			13.01	6.53	0.00	0.00		23.25	24.25		
	Mr	0.00	0.00	21.41	7.85	25.69	30.17	36.39	66.56	2.53	25.01	12.92	0.00	0.00	30.01	17.21	19.53	36.74	3.21
	N						11.76	22.65								11.44	21.55		
4	K	42/ 55					45x 45	45x 45				42/ 55				45x 45	45x 45		
	As	8.29	5.15	0.00	0.00		12.32	12.32			6.06	3.39	0.00	0.00		12.32	12.32		
	Mr	15.80	9.96	0.00	0.00	18.97	9.54	10.75	20.29	2.18	11.66	6.68	0.00	0.00	13.99	9.57	10.83	20.40	1.96
	N						7.83	14.93								8.02	15.36		
5	N			90/ 55			70x 45	70x 45				42/ 55		42/ 55		45x 70	45x 70		
	As	0.00	0.00	11.69	8.04		24.25	24.25			10.90	6.28	10.90	6.28		27.33	27.33		
	Mr	0.00	0.00	22.55	15.74	27.06	18.69	21.19	39.87	3.96	20.62	12.07	20.62	12.07	39.23	35.07	40.19	75.26	4.28
	N						16.55	31.45								18.07	36.06		
5	M	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55		70x 70	70x 70		
	As	16.30	14.20	16.30	14.20		33.80	33.80			15.49	12.57	15.49	12.57		36.44	36.44		
	Mr	31.14	27.23	31.14	27.23	70.05	46.83	56.02	102.85	8.48	29.62	24.18	29.62	24.18	64.57	49.55	58.72	108.27	7.55
	N						33.32	65.88								33.08	65.52		
5	L	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55		70x 70	70x 70		
	As	16.71	14.20	16.71	14.20		28.84	33.80			15.49	12.57	15.49	12.57		42.47	36.44		
	Mr	31.90	27.23	31.90	27.23	70.96	41.75	56.34	98.09	8.48	29.62	24.18	29.62	24.18	64.57	56.14	59.10	115.24	7.55
	N						33.90	67.03								33.78	66.92		
5	K	90/ 55					70x 45	70x 45				42/ 55		42/ 55		45x 70	45x 70		
	As	15.65	8.04	0.00	0.00		24.25	24.25			10.15	7.35	10.15	7.35		27.33	27.33		
	Mr	29.90	15.74	0.00	0.00	35.89	18.57	20.97	39.54	3.97	19.24	14.06	19.24	14.06	39.96	34.89	39.85	74.74	4.28
	N						15.88	30.13								17.46	34.85		
6	N			90/ 55			70x 45	70x 45				42/ 55		42/ 55		45x 70	45x 70		
	As	0.00	0.00	11.69	8.04		24.25	24.25			10.90	6.28	10.90	6.28		27.33	27.33		
	Mr	0.00	0.00	22.55	15.74	27.06	18.76	21.37	40.13	3.77	20.62	12.07	20.62	12.07	39.23	35.20	40.48	75.68	4.29
	N						16.99	32.57								18.53	37.09		
6	M	90/ 55		90/ 55			70x 70	70x 70				90/ 55		90/ 55		70x 70	70x 70		
	As	16.30	14.20	16.30	14.20		33.80	33.80			16.30	14.20	16.30	14.20		36.44	36.44		
	Mr	31.14	27.23	31.14	27.23	70.05	47.99	58.24	106.23	8.49	31.14	27.23	31.14	27.23	70.05	50.80	61.05	111.85	7.96
	N						37.33	74.37								37.40	74.46		

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6   L        90/ 55      90/ 55        70x 70 70x 70                    90/ 55      90/ 55        70x 70 70x 70
     As 16.30 14.20 16.30 14.20         33.80  33.80              16.30 14.20 16.30 14.20         36.44  36.44
     Mr 31.14 27.23 31.14 27.23  70.05  47.97  58.20 106.17   8.49 31.14 27.23 31.14 27.23  70.05  50.80  61.05 111.85   7.96
     N                                  37.26  74.23                                              37.40  74.44

6   K        90/ 55                    70x 45 70x 45                    42/ 55      42/ 55        45x 70 45x 70
     As 14.58  8.04  0.00  0.00         24.25  24.25              11.44  7.35 11.44  7.35         27.33  27.33
     Mr 27.93 15.74  0.00  0.00  33.51  18.65  21.16  39.81   3.77 21.62 14.06 21.62 14.06  42.81  35.00  40.09  75.09   4.29
     N                                  16.35  31.28                                              17.84  35.70

7   N                   90/ 55        70x 45 70x 45                    42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 11.69  8.04         24.25  24.25              10.90  6.28 10.90  6.28         27.33  27.33
     Mr  0.00  0.00 22.55 15.74  27.06  18.64  21.14  39.78   3.77 20.62 12.07 20.62 12.07  39.23  35.00  40.08  75.08   4.29
     N                                  16.29  31.14                                              17.83  35.66

7   M        90/ 55      90/ 55        70x 70 70x 70                    90/ 55      90/ 55        70x 70 70x 70
     As 16.30 14.20 16.30 14.20         33.80  33.80              16.30 14.20 16.30 14.20         36.44  36.44
     Mr 31.14 27.23 31.14 27.23  70.05  47.98  58.21 106.19   8.49 31.14 27.23 31.14 27.23  70.05  50.79  61.03 111.81   7.96
     N                                  37.29  74.27                                              37.36  74.36

7   L        90/ 55      90/ 55        70x 70 70x 70                    90/ 55      90/ 55        70x 70 70x 70
     As 16.30 14.20 16.30 14.20         33.80  33.80              16.30 14.20 16.30 14.20         36.44  36.44
     Mr 31.14 27.23 31.14 27.23  70.05  47.96  58.18 106.13   8.49 31.14 27.23 31.14 27.23  70.05  50.79  61.02 111.81   7.96
     N                                  37.22  74.14                                              37.36  74.35

7   K        90/ 55                    70x 45 70x 45                    42/ 55      42/ 55        45x 70 45x 70
     As 14.58  8.04  0.00  0.00         24.25  24.25              10.15  7.35 10.15  7.35         27.33  27.33
     Mr 27.93 15.74  0.00  0.00  33.51  18.54  20.93  39.46   3.77 19.24 14.06 19.24 14.06  39.96  34.80  39.70  74.50   4.29
     N                                  15.66  29.88                                              17.15  34.30

8   N                   90/ 55        70x 45 70x 45                    42/ 55      42/ 55        45x 70 45x 70
     As  0.00  0.00 11.69  8.04         24.25  24.25              10.90  6.28 10.90  6.28         27.33  27.33
     Mr  0.00  0.00 22.55 15.74  27.06  18.81  21.43  40.25   3.97 20.62 12.07 20.62 12.07  39.23  35.28  40.61  75.90   4.28
     N                                  17.31  32.95                                              18.83  37.56

8   M        90/ 55      90/ 55        70x 70 70x 70                    90/ 55      90/ 55        70x 70 70x 70
     As 16.30 14.20 16.30 14.20         28.84  33.80              15.49 12.57 15.49 12.57         42.47  36.44
     Mr 31.14 27.23 31.14 27.23  70.05  41.54  55.95  97.49   8.48 29.62 24.18 29.62 24.18  64.57  55.90  58.64 114.53   7.55
     N                                  33.18  65.60                                              32.94  65.24

8   L        90/ 55      90/ 55        70x 70 70x 70                    90/ 55      90/ 55        70x 70 70x 70
     As 16.71 14.20 16.71 14.20         30.47  33.80              15.49 12.57 15.49 12.57         42.47  36.44
     Mr 31.90 27.23 31.90 27.23  70.96  43.44  56.26  99.70   8.48 29.62 24.18 29.62 24.18  64.57  56.10  59.03 115.13   7.55
     N                                  33.77  66.77                                              33.65  66.66

8   K        90/ 55                    70x 45 70x 45                    42/ 55      42/ 55        45x 70 45x 70
     As 15.65  8.04  0.00  0.00         24.25  24.25              11.44  7.35 11.44  7.35         27.33  27.33
     Mr 29.90 15.74  0.00  0.00  35.89  18.70  21.22  39.92   3.96 21.62 14.06 21.62 14.06  42.81  35.11  40.28  75.39   4.28
     N                                  16.66  31.65                                              18.24  36.37

9   N                   42/ 55        45x 45 45x 45                    42/ 55      45x 45 45x 45
     As  0.00  0.00  7.41  4.02         12.32  12.32               0.00  0.00  4.93  2.26         12.32  12.32
     Mr  0.00  0.00 14.17  7.85  17.01   9.54  10.76  20.30   2.18  0.00  0.00  9.55  4.56  11.46   9.57  10.83  20.41   1.96
     N                                   7.84  14.95                                               8.03  15.38

9   M        42/ 55                    45x 70 45x 70                    90/ 55      70x 45 70x 45
     As 11.37  6.03  0.00  0.00         24.44  24.44               0.00  0.00  7.92  4.52         23.25  23.25
     Mr 21.48 11.60  0.00  0.00  25.77  29.89  32.78  62.66   2.53  0.00  0.00 15.50  9.14  18.59  17.04  18.61  35.65   3.18
     N                                  10.78  20.74                                              10.49  19.70

9   L                   42/ 55        45x 70 45x 70                    90/ 55      70x 45 70x 45
     As  0.00  0.00 11.37  4.02         24.44  27.33               0.00  0.00  7.92  4.52         23.25  24.25
     Mr  0.00  0.00 21.41  7.85  25.69  30.09  36.24  66.33   2.53  0.00  0.00 15.50  9.14  18.59  17.16  19.44  36.60   3.21
     N                                  11.48  22.13                                              11.16  21.02
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9	K	42/ 55				45X 45	45X 45					42/ 55			45X 45	45X 45		
	As	7.41	4.02	0.00	0.00		12.32	12.32			0.00	0.00	3.80	2.26		12.32	12.32		
	Mr	14.17	7.85	0.00	0.00	17.01	9.49	10.65	20.13	2.18	0.00	0.00	7.44	4.55	8.92	9.52	10.72	20.24	1.96
	M						7.52	14.29								7.71	14.72		

Sünek Kolonlar Kesme Kuvvetleri Toplamı	117.68	116.96
Tüm Kolonlar Kesme Kuvvetleri Toplamı	117.68	116.96
Sünek / Tüm Oranı	1.00	1.00

HESAP SONUÇLARINI DEĞERLENDİRME TABLOLARI

1998 Deprem Yönetmeliği R= 8 (Betonarme Çerçeve)

Göreli Kat Ötelenmeleri Kontrolü

X Doğrultusu Yüklemesi (+0,05 dış merkezlik)					
Kat	**(di)max(m)**	**($\Delta_i$max)(m)**	**($\Delta_i$max)/h_i**		**Kontrol**
13	0.04473	0.00099	0.000330	<	0.0035
12	0.04374	0.00149	0.000496	<	0.0035
11	0.04225	0.00190	0.000633	<	0.0035
10	0.04025	0.00229	0.000763	<	0.0035
9	0.03806	0.00241	0.000805	<	0.0035
8	0.03565	0.00269	0.000895	<	0.0035
7	0.03297	0.00294	0.000979	<	0.0035
6	0.03003	0.00307	0.001025	<	0.0035
5	0.02695	0.00334	0.001117	<	0.0035
4	0.02360	0.00375	0.001262	<	0.0035
3	0.01981	0.00870	0.002963	<	0.0035
2	0.01093	0.00862	0.003070	<	0.0035
1	0.00171	0.00167	0.000571	<	0.0035

X Doğrultusu Yüklemesi (-0,05 dış merkezlik)					
Kat	**(di)max(m)**	**($\Delta_i$max)(m)**	**($\Delta_i$max)/h_i**		**Kontrol**
13	0.03581	0.0009	0.000330	<	0.0035
12	0.03505	0.00149	0.000496	<	0.0035
11	0.03389	0.00190	0.000633	<	0.0035
10	0.03241	0.00229	0.000763	<	0.0035
9	0.03063	0.00241	0.000804	<	0.0035
8	0.02875	0.00269	0.000895	<	0.0035
7	0.02667	0.00294	0.000979	<	0.0035
6	0.02438	0.00307	0.001024	<	0.0035
5	0.02200	0.00334	0.001113	<	0.0035
4	0.01939	0.00375	0.001249	<	0.0035
3	0.01641	0.00870	0.002900	<	0.0035
2	0.00897	0.00862	0.002875	<	0.0035
1	0.00138	0.00167	0.000557	<	0.0035

Y Doğrultusu Yüklemesi (+0,05 dış merkezlik)					
Kat	**(di)max(m)**	**($\Delta_i$max)(m)**	**($\Delta_i$max)/h_i**		**Kontrol**
13	0.0274	0.00089	0.000297	<	0.0035
12	0.02716	0.00136	0.000453	<	0.0035
11	0.02613	0.00177	0.000589	<	0.0035
10	0.02477	0.00216	0.000719	<	0.0035
9	0.02311	0.00229	0.000762	<	0.0035
8	0.02136	0.00255	0.000851	<	0.0035
7	0.01941	0.00281	0.000936	<	0.0035
6	0.01726	0.00293	0.000977	<	0.0035
5	0.01503	0.00319	0.001063	<	0.0035
4	0.01263	0.00365	0.001216	<	0.0035
3	0.00994	0.00693	0.002311	<	0.0035
2	0.00537	0.00895	0.002984	<	0.0035
1	0.00110	0.00159	0.000530	<	0.0035

Y Doğrultusu Yüklemesi (-0,05 dış merkezlik)					
Kat	**(di)max(m)**	**($\Delta_i$max)(m)**	**($\Delta_i$max)/h_i**		**Kontrol**
13	0.03592	0.00089	0.000297	<	0.0035
12	0.03503	0.00136	0.000453	<	0.0035
11	0.03367	0.00177	0.000589	<	0.0035
10	0.03191	0.00216	0.000719	<	0.0035
9	0.02975	0.00229	0.000762	<	0.0035
8	0.02746	0.00255	0.000850	<	0.0035
7	0.02491	0.00280	0.000934	<	0.0035
6	0.02211	0.00291	0.000971	<	0.0035
5	0.01920	0.00313	0.001045	<	0.0035
4	0.01606	0.00347	0.001157	<	0.0035
3	0.01259	0.00584	0.001948	<	0.0035
2	0.00675	0.00686	0.002288	<	0.0035
1	0.00141	0.00141	0.000469	<	0.0035

B_1 Katlar Arası Dayanım Düzensizliği Kontrolü (Zayıf Kat)

	X Doğrultusu Yüklemesi			Y Doğrultusu Yüklemesi		
Kat	η_{ci}		Kontrol	η_{ci}		Kontrol
13						
12	1.000	>	0.8	1.000	>	0.8
11	1.000	>	0.8	1.000	>	0.8
10	1.000	>	0.8	1.000	>	0.8
9	1.283	>	0.8	1.283	>	0.8
8	1.000	>	0.8	1.000	>	0.8
7	1.000	>	0.8	1.000	>	0.8
6	1.179	>	0.8	1.179	>	0.8
5	1.000	>	0.8	1.000	>	0.8
4	1.000	>	0.8	1.000	>	0.8
3	1.227	>	0.8	1.227	>	0.8
2	1.076	>	0.8	1.453	>	0.8
1	0.929	>	0.8	0.688	<	0.8

B2 Komşu Katlar Arası Rijitlik Düzensizliği Kontrolü (Yumuşak Kat)

	X Doğrultusu Yüklemesi			Y Doğrultusu Yüklemesi		
Kat	η_{ki}		Kontrol	η_{ki}		Kontrol
13						
12	1.504	≅	1.5	1.529	>	1.5
11	1.278	<	1.5	1.301	<	1.5
10	1.206	<	1.5	1.224	<	1.5
9	1.052	<	1.5	1.057	<	1.5
8	1.113	<	1.5	1.117	<	1.5
7	1.094	<	1.5	1.100	<	1.5
6	1.045	<	1.5	1.040	<	1.5
5	1.090	<	1.5	1.083	<	1.5
4	1.131	<	1.5	1.131	<	1.5
3	2.401	>	1.5	1.796	>	1.5
2	1.007	<	1.5	1.121	<	1.5
1	0.188	<	1.5	0.209	<	1.5

KAPASİTE HESAPLARI TABLOSU

1.KAT X-X YÖNÜ

No	Kolon	b [m]	h [m]	N_g [ton]	N_q [ton]	N_e [ton]	M_{XR}	M_{YR}	N_d [ton]	ρ_t	ΣA_{st} [cm^2]	Yükleme Durumu	N_{dmax} [ton]
1	4-N	0,55	0,55	-132,70	-63,1	-52,01	13,12	0,00	-247,8	0,0003	0,9	Ng+Nq+Ne	-------
2	4-M	0,55	1,00	-246,14	-109,7	33,31	65,43	0,00	-188,2	0,0001	0,6	0.9Ng+Ne	-------
3	4-L	0,55	1,00	-232,21	-102,2	-22,88	64,30	0,00	-357,3	0,0001	0,3	Ng+Nq+Ne	-------
4	4-K	0,55	0,55	-122,13	-62,0	41,59	12,00	0,00	-68,3	-0,0013	-3,9	0.9Ng+Ne	-------
5	5-N	1,00	0,55	-260,69	-125,1	-117,62	31,70	0,00	-503,4	0,0040	21,7	Ng+Nq+Ne	-------
6	5-M	1,00	1,00	-543,49	-251,7	19,58	116,79	0,00	-775,7	0,0022	21,7	Ng+Nq+Ne	-------
7	5-L	1,00	1,00	-527,20	-240,8	13,97	111,89	0,00	-754,0	0,0014	14,5	Ng+Nq+Ne	-------
8	5-K	1,00	0,55	-243,11	-123,5	84,07	26,59	0,00	-134,7	-0,0006	-3,1	0.9Ng+Ne	-------
9	6-N	1,00	0,55	-258,89	-134,9	-86,53	21,91	0,00	-480,3	0,0009	4,8	Ng+Nq+Ne	-------
10	6-M	1,00	1,00	-536,90	-271,4	4,33	119,05	0,00	-804,0	0,0028	28,3	Ng+Nq+Ne	-------
11	6-L	1,00	1,00	-514,76	-266,1	3,75	111,63	0,00	-777,1	0,0018	18,3	Ng+Nq+Ne	-------
12	6-K	1,00	0,55	-248,60	-135,3	78,45	25,43	0,00	-145,3	-0,0012	-6,4	0.9Ng+Ne	-------
13	7-N	1,00	0,55	-254,94	-126,3	-86,21	21,14	0,00	-467,4	0,0003	1,4	Ng+Nq+Ne	-------
14	7-M	1,00	1,00	-523,96	-265,0	4,26	119,18	0,00	-784,7	0,0025	24,9	Ng+Nq+Ne	-------
15	7-L	1,00	1,00	-513,80	-264,9	3,67	111,69	0,00	-775,1	0,0018	18,0	Ng+Nq+Ne	-------
16	7-K	1,00	0,55	-239,11	-122,1	78,30	25,41	0,00	-136,9	-0,0009	-5,0	0.9Ng+Ne	-------
17	8-N	1,00	0,55	-281,66	-145,0	-115,19	29,49	0,00	-541,8	0,0049	26,8	Ng+Nq+Ne	-------
18	8-M	1,00	1,00	-520,34	-250,5	18,39	116,88	0,00	-752,4	0,0018	17,7	Ng+Nq+Ne	-------
19	8-L	1,00	1,00	-527,48	-247,4	13,27	112,37	0,00	-761,6	0,0016	16,1	Ng+Nq+Ne	-------
20	8-K	1,00	0,55	-252,11	-135,6	83,53	26,09	0,00	-143,4	-0,0010	-5,3	0.9Ng+Ne	-------
21	9-N	0,55	0,55	-135,89	-66,5	-50,55	13,06	0,00	-253,0	0,0006	1,8	Ng+Nq+Ne	-------
22	9-M	0,55	1,00	-227,25	-109,5	32,77	65,62	0,00	-171,8	0,0005	2,8	0.9Ng+Ne	-------
23	9-L	0,55	1,00	-232,40	-110,8	-23,83	65,17	0,00	-367,0	0,0005	2,5	Ng+Nq+Ne	-------
24	9-K	0,55	0,55	-118,63	-63,0	41,61	23,23	0,00	-65,2	0,0035	10,7	0.9Ng+Ne	-------

Toplam Hesap Momenti ..... = 1449,17

1.KAT X-X YÖNÜ

Kolon	Yükleme Durumu	N_d [ton]	ΣA_{mevcut} [cm^2]	ρ_t	M_R [tm]	V_R [ton]	ΔM [tm]
4-N	*Ng+Nq+Ne*	-247,81	30,25	0,0100	36,28	24,19	23,16
4-M	*0.9Ng+Ne*	-188,22	55,00	0,0100	145,18	96,79	79,75
4-L	*Ng+Nq+Ne*	-357,28	55,00	0,0100	142,84	95,23	78,54
4-K	*0.9Ng+Ne*	-68,33	30,25	0,0100	39,52	26,34	27,52
5-N	*Ng+Nq+Ne*	-503,43	55,00	0,0100	57,99	38,66	26,29
5-M	*Ng+Nq+Ne*	-775,65	100,00	0,0100	229,35	152,90	112,56
5-L	*Ng+Nq+Ne*	-754,00	100,00	0,0100	234,81	156,54	122,92
5-K	*0.9Ng+Ne*	-134,73	55,00	0,0100	73,45	48,96	46,86
6-N	*Ng+Nq+Ne*	-480,30	55,00	0,0100	61,55	41,03	39,64
6-M	*Ng+Nq+Ne*	-803,99	100,00	0,0100	222,05	148,03	103,00
6-L	*Ng+Nq+Ne*	-777,07	100,00	0,0100	228,99	152,66	117,36
6-K	*0.9Ng+Ne*	-145,29	55,00	0,0100	74,94	49,96	49,51
7-N	*Ng+Nq+Ne*	-467,42	55,00	0,0100	63,49	42,32	42,35
7-M	*Ng+Nq+Ne*	-784,67	100,00	0,0100	227,05	151,36	107,87
7-L	*Ng+Nq+Ne*	-775,05	100,00	0,0100	229,50	153,00	117,81
7-K	*0.9Ng+Ne*	-136,90	55,00	0,0100	73,76	49,18	48,35
8-N	*Ng+Nq+Ne*	-541,84	55,00	0,0100	51,82	34,54	22,33
8-M	*Ng+Nq+Ne*	-752,42	100,00	0,0100	235,20	156,80	118,32
8-L	*Ng+Nq+Ne*	-761,57	100,00	0,0100	232,91	155,27	120,54
8-K	*0.9Ng+Ne*	-143,37	55,00	0,0100	74,68	49,79	48,59
9-N	*Ng+Nq+Ne*	-252,98	30,25	0,0100	35,52	23,68	22,46
9-M	*0.9Ng+Ne*	-171,76	55,00	0,0100	142,17	94,78	76,55
9-L	*Ng+Nq+Ne*	-367,04	55,00	0,0100	140,61	93,74	75,44
9-K	*0.9Ng+Ne*	-65,16	30,25	0,0100	39,01	26,00	15,78

Toplam Kat Kapasitesi	3092,66	2061,77
Kat Kapasitesi	3092,66	2061,77
Toplam Kapasite M. / Hesap M.	2,13	
Kapasite M. / Hesap M.	2,13	

2.KAT X-X YÖNÜ

No	Kolon	b [m]	h [m]	N_g [ton]	N_q [ton]	N_e [ton]	M_{XR}	M_{YR}	N_d [ton]	ρ_t	ΣA_{st} [cm^2]	Yükleme Durumu	N_{dmax} [ton]
1	4-N	0,55	0,55	-119,97	-58,7	-47,07	14,11	0,00	-225,8	-0,0006	-1,7	Ng+Nq+Ne	-------
2	4-M	0,55	1,00	-217,32	-99,0	33,35	48,51	0,00	-162,2	-0,0014	-7,5	0.9Ng+Ne	-------
3	4-L	0,55	1,00	-209,17	-92,9	-25,83	42,07	0,00	-214,1	-0,0033	-17,9	0.9Ng+Ne	-------
4	4-K	0,55	0,55	-112,57	-57,3	39,54	7,28	0,00	-61,8	-0,0028	-8,4	0.9Ng+Ne	-------
5	5-N	1,00	0,55	-238,01	-115,6	-103,60	72,44	0,00	-457,2	0,0117	64,4	Ng+Nq+Ne	-------
6	5-M	1,00	1,00	-495,13	-230,7	15,41	96,39	0,00	-710,4	-0,0004	-3,8	Ng+Nq+Ne	-------
7	5-L	1,00	1,00	-482,50	-219,6	7,94	79,35	0,00	-694,1	-0,0018	-18,3	Ng+Nq+Ne	-------
8	5-K	1,00	0,55	-222,58	-112,4	80,25	36,56	0,00	-120,1	0,0022	12,1	0.9Ng+Ne	-------
9	6-N	1,00	0,55	-237,17	-123,7	-75,16	59,52	0,00	-436,0	0,0080	44,2	Ng+Nq+Ne	-------
10	6-M	1,00	1,00	-492,29	-249,2	2,19	74,48	0,00	-739,3	-0,0014	-14,1	Ng+Nq+Ne	-------
11	6-L	1,00	1,00	-471,54	-244,0	2,13	65,96	0,00	-713,4	-0,0024	-24,4	Ng+Nq+Ne	-------
12	6-K	1,00	0,55	-228,79	-124,1	75,09	35,62	0,00	-130,8	0,0016	8,8	0.9Ng+Ne	-------
13	7-N	1,00	0,55	-234,00	-116,2	-75,09	58,17	0,00	-425,3	0,0074	40,6	Ng+Nq+Ne	-------
14	7-M	1,00	1,00	-480,14	-243,8	2,19	71,77	0,00	-721,8	-0,0019	-19,0	Ng+Nq+Ne	-------
15	7-L	1,00	1,00	-471,38	-243,9	-2,11	63,74	0,00	-717,4	-0,0025	-25,3	Ng+Nq+Ne	-------
16	7-K	1,00	0,55	-220,04	-112,0	75,00	35,88	0,00	-123,0	0,0019	10,6	0.9Ng+Ne	-------
17	8-N	1,00	0,55	-258,52	-134,6	-102,08	68,78	0,00	-495,2	0,0122	67,0	Ng+Nq+Ne	-------
18	8-M	1,00	1,00	-471,89	-228,8	14,60	89,90	0,00	-686,0	-0,0012	-12,3	Ng+Nq+Ne	-------
19	8-L	1,00	1,00	-483,23	-226,4	7,55	73,14	0,00	-702,1	-0,0021	-21,3	Ng+Nq+Ne	-------
20	8-K	1,00	0,55	-231,68	-124,6	79,93	37,16	0,00	-128,6	0,0020	11,1	0.9Ng+Ne	-------
21	9-N	0,55	0,55	-123,19	-61,9	-46,11	12,76	0,00	-231,2	-0,0008	-2,5	Ng+Nq+Ne	-------
22	9-M	0,55	1,00	-198,38	-98,2	32,80	43,17	0,00	-145,7	-0,0016	-8,6	0.9Ng+Ne	-------
23	9-L	0,55	1,00	-208,92	-100,3	-25,61	37,62	0,00	-213,6	-0,0038	-20,9	0.9Ng+Ne	-------
24	9-K	0,55	0,55	-108,67	-57,4	38,93	31,74	0,00	-58,9	0,0075	22,6	0.9Ng+Ne	-------

Toplam Hesap Momenti ..... = 1256,12

2.KAT X-X YÖNÜ

Kolon	Yükleme Durumu	N_d [ton]	ΣA_{mevcut} [cm^2]	ρ_t	M_R [tm]	V_R [ton]	ΔM [tm]
4-N	Ng+Nq+Ne	-225,78	23,00	0,0076	33,65	22,43	19,54
4-M	0.9Ng+Ne	-162,24	41,25	0,0075	120,04	80,02	71,53
4-L	0.9Ng+Ne	-214,08	41,25	0,0075	128,75	85,83	86,68
4-K	0.9Ng+Ne	-61,77	23,00	0,0076	32,60	21,73	25,32
5-N	Ng+Nq+Ne	-457,20	41,25	0,0075	54,13	36,09	-18,31
5-M	Ng+Nq+Ne	-710,42	75,00	0,0075	209,57	139,71	113,18
5-L	Ng+Nq+Ne	-694,11	75,00	0,0075	213,46	142,31	134,11
5-K	0.9Ng+Ne	-120,07	41,25	0,0075	60,09	40,06	23,53
6-N	Ng+Nq+Ne	-436,02	41,25	0,0075	57,18	38,12	-2,34
6-M	Ng+Nq+Ne	-739,25	75,00	0,0075	202,55	135,03	128,07
6-L	Ng+Nq+Ne	-713,38	75,00	0,0075	208,85	139,24	142,89
6-K	0.9Ng+Ne	-130,82	41,25	0,0075	61,78	41,19	26,16
7-N	Ng+Nq+Ne	-425,26	41,25	0,0075	58,70	39,13	0,53
7-M	Ng+Nq+Ne	-721,76	75,00	0,0075	206,83	137,88	135,06
7-L	Ng+Nq+Ne	-717,42	75,00	0,0075	207,88	138,59	144,14
7-K	0.9Ng+Ne	-123,04	41,25	0,0075	60,57	40,38	24,69
8-N	Ng+Nq+Ne	-495,15	41,25	0,0075	48,41	32,27	-20,37
8-M	Ng+Nq+Ne	-686,04	75,00	0,0075	215,36	143,57	125,46
8-L	Ng+Nq+Ne	-702,07	75,00	0,0075	211,57	141,04	138,43
8-K	0.9Ng+Ne	-128,58	41,25	0,0075	61,44	40,96	24,28
9-N	Ng+Nq+Ne	-231,24	23,00	0,0076	32,90	21,93	20,14
9-M	0.9Ng+Ne	-145,74	41,25	0,0075	116,22	77,48	73,05
9-L	0.9Ng+Ne	-213,64	41,25	0,0075	128,70	85,80	91,08
9-K	0.9Ng+Ne	-58,87	23,00	0,0076	32,09	21,40	0,35

Toplam Kat Kapasitesi 2763,30 1842,20
Kat Kapasitesi 2763,30 1842,20
Toplam Kapasite M. / Hesap M. 2,20
Kapasite M. / Hesap M. 2,20

1.KAT Y-Y YÖNÜ

Kolon	Yükleme Durumu	N_d [ton]	ΣA_{mevcut} [cm^2]	ρ_t	M_R [tm]	V_R [ton]	ΔM [tm]
4-N	0.9Ng+Ne	-72,36	30,25	0,0100	40,14	26,76	27,43
4-M	0.9Ng+Ne	-140,67	55,00	0,0100	74,30	49,53	53,13
4-L	0.9Ng+Ne	-124,34	55,00	0,0100	71,86	47,91	49,86
4-K	0.9Ng+Ne	-69,13	30,25	0,0100	39,64	26,43	26,64
5-N	Ng+Nq+Ne	-380,07	55,00	0,0100	137,56	91,71	71,98
5-M	Ng+Nq+Ne	-790,88	100,00	0,0100	225,45	150,30	120,78
5-L	Ng+Nq+Ne	-775,83	100,00	0,0100	229,30	152,87	127,10
5-K	Ng+Nq+Ne	-364,54	55,00	0,0100	141,18	94,12	70,75
6-N	Ng+Nq+Ne	-406,87	55,00	0,0100	131,09	87,39	65,87
6-M	Ng+Nq+Ne	-817,09	100,00	0,0100	218,62	145,75	111,57
6-L	Ng+Nq+Ne	-780,13	100,00	0,0100	228,21	152,14	122,44
6-K	Ng+Nq+Ne	-386,25	55,00	0,0100	136,09	90,73	68,27
7-N	Ng+Nq+Ne	-368,11	55,00	0,0100	140,36	93,57	75,23
7-M	Ng+Nq+Ne	-780,08	100,00	0,0100	228,22	152,15	121,08
7-L	Ng+Nq+Ne	-779,42	100,00	0,0100	228,39	152,26	122,51
7-K	Ng+Nq+Ne	-358,90	55,00	0,0100	142,47	94,98	74,67
8-N	Ng+Nq+Ne	-432,39	55,00	0,0100	124,66	83,11	59,66
8-M	Ng+Nq+Ne	-775,24	100,00	0,0100	229,45	152,97	123,77
8-L	Ng+Nq+Ne	-766,62	100,00	0,0100	231,64	154,43	128,13
8-K	Ng+Nq+Ne	-388,12	55,00	0,0100	135,65	90,43	63,73
9-N	Ng+Nq+Ne	-249,50	30,25	0,0100	36,03	24,02	23,20
9-M	Ng+Nq+Ne	-417,64	55,00	0,0100	70,62	47,08	49,45
9-L	Ng+Nq+Ne	-428,22	55,00	0,0100	69,15	46,10	43,06
9-K	Ng+Nq+Ne	-224,05	30,25	0,0100	39,62	26,41	19,92

Toplam Kat Kapasitesi 3349,72 2233,15
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Kapasite M. / Hesap M. 2,19

2.KAT Y-Y YÖNÜ

No	Kolon	b [m]	h [m]	N_g [ton]	N_q [ton]	N_e [ton]	M_{YR}	M_{XR}	N_d [ton]	ρ_t	ΣA_{st} [cm^2]	Yükleme Durumu	N_{dmax} [ton]
1	4-N	0,55	0,55	-119,97	-58,7	42,77	11,04	0,00	-65,2	-0,0015	-4,4	0.9Ng+Ne	-------
2	4-M	1,00	0,55	-217,32	-99,0	73,76	14,65	0,00	-121,8	-0,0028	-15,5	0.9Ng+Ne	-------
3	4-L	1,00	0,55	-209,17	-92,9	76,38	35,39	0,00	-111,9	0,0022	12,3	0.9Ng+Ne	-------
4	4-K	0,55	0,55	-112,57	-57,3	37,00	10,85	0,00	-64,3	-0,0015	-4,5	0.9Ng+Ne	-------
5	5-N	0,55	1,00	-238,01	-115,6	4,71	93,78	0,00	-348,9	0,0036	19,5	Ng+Nq+Ne	-------
6	5-M	1,00	1,00	-495,13	-230,7	4,23	63,21	0,00	-721,6	-0,0025	-25,0	Ng+Nq+Ne	-------
7	5-L	1,00	1,00	-482,50	-219,6	-7,68	80,59	0,00	-709,7	-0,0015	-14,9	Ng+Nq+Ne	-------
8	5-K	0,55	1,00	-222,58	-112,4	2,06	43,48	0,00	-198,3	-0,0028	-15,5	0.9Ng+Ne	-------
9	6-N	0,55	1,00	-237,17	-123,7	-9,87	85,50	0,00	-370,7	0,0031	17,2	Ng+Nq+Ne	-------
10	6-M	1,00	1,00	-492,29	-249,2	-8,73	47,70	0,00	-750,2	-0,0031	-30,9	Ng+Nq+Ne	-------
11	6-L	1,00	1,00	-471,54	-244,0	0,70	67,44	0,00	-714,8	-0,0023	-23,2	Ng+Nq+Ne	-------
12	6-K	0,55	1,00	-228,79	-124,1	-0,05	44,88	0,00	-352,9	-0,0025	-13,9	Ng+Nq+Ne	-------
13	7-N	0,55	1,00	-234,00	-116,2	9,87	85,21	0,00	-200,7	0,0023	12,8	0.9Ng+Ne	-------
14	7-M	1,00	1,00	-480,14	-243,8	8,81	46,41	0,00	-715,1	-0,0038	-37,7	Ng+Nq+Ne	-------
15	7-L	1,00	1,00	-471,38	-243,9	-0,71	66,67	0,00	-716,0	-0,0024	-23,5	Ng+Nq+Ne	-------
16	7-K	0,55	1,00	-220,04	-112,0	0,06	44,92	0,00	-198,0	-0,0026	-14,5	0.9Ng+Ne	-------
17	8-N	0,55	1,00	-258,52	-134,6	-4,71	91,41	0,00	-397,8	0,0047	25,8	Ng+Nq+Ne	-------
18	8-M	1,00	1,00	-471,89	-228,8	-4,31	54,14	0,00	-705,0	-0,0034	-34,1	Ng+Nq+Ne	-------
19	8-L	1,00	1,00	-483,23	-226,4	8,04	75,20	0,00	-701,6	-0,0020	-20,0	Ng+Nq+Ne	-------
20	8-K	0,55	1,00	-231,68	-124,6	-2,55	43,11	0,00	-358,9	-0,0026	-14,2	Ng+Nq+Ne	-------
21	9-N	0,55	0,55	-123,19	-61,9	-42,77	8,27	0,00	-227,9	-0,0029	-8,7	Ng+Nq+Ne	-------
22	9-M	1,00	0,55	-198,38	-98,2	-73,76	14,65	0,00	-370,3	-0,0043	-23,8	Ng+Nq+Ne	-------
23	9-L	1,00	0,55	-208,92	-100,3	-76,75	26,45	0,00	-386,0	-0,0011	-6,3	Ng+Nq+Ne	-------
24	9-K	0,55	0,55	-108,67	-57,4	-36,39	37,52	0,00	-202,4	0,0079	24,0	Ng+Nq+Ne	-------

Toplam Hesap Momenti ..... = 1192,47

2.KAT Y-Y YÖNÜ

Kolon	Yükleme Durumu	N_d [ton]	ΣA_{mevcut} [cm^2]	ρ_t	M_R [tm]	V_R [ton]	ΔM [tm]
4-N	0.9Ng+Ne	-65,20	23,00	0,0076	33,17	22,11	22,13
4-M	0.9Ng+Ne	-121,83	41,25	0,0075	60,38	40,25	45,73
4-L	0.9Ng+Ne	-111,87	41,25	0,0075	58,73	39,15	23,34
4-K	0.9Ng+Ne	-64,31	23,00	0,0076	33,02	22,01	22,17
5-N	Ng+Nq+Ne	-348,89	41,25	0,0075	124,98	83,32	31,20
5-M	Ng+Nq+Ne	-721,60	75,00	0,0075	206,86	137,91	143,65
5-L	Ng+Nq+Ne	-709,73	75,00	0,0075	209,73	139,82	129,14
5-K	0.9Ng+Ne	-198,26	41,25	0,0075	126,62	84,41	83,14
6-N	Ng+Nq+Ne	-370,73	41,25	0,0075	119,99	79,99	34,49
6-M	Ng+Nq+Ne	-750,17	75,00	0,0075	199,84	133,23	152,14
6-L	Ng+Nq+Ne	-714,81	75,00	0,0075	208,51	139,01	141,07
6-K	Ng+Nq+Ne	-352,91	41,25	0,0075	124,07	82,72	79,19
7-N	0.9Ng+Ne	-200,73	41,25	0,0075	126,98	84,66	41,77
7-M	Ng+Nq+Ne	-715,14	75,00	0,0075	208,43	138,95	162,02
7-L	Ng+Nq+Ne	-716,02	75,00	0,0075	208,22	138,81	141,55
7-K	0.9Ng+Ne	-197,98	41,25	0,0075	126,58	84,39	81,66
8-N	Ng+Nq+Ne	-397,78	41,25	0,0075	113,56	75,70	22,15
8-M	Ng+Nq+Ne	-704,95	75,00	0,0075	210,88	140,58	156,74
8-L	Ng+Nq+Ne	-701,58	75,00	0,0075	211,68	141,12	136,48
8-K	Ng+Nq+Ne	-358,85	41,25	0,0075	122,73	81,82	79,62
9-N	Ng+Nq+Ne	-227,90	23,00	0,0076	33,36	22,24	25,09
9-M	Ng+Nq+Ne	-370,34	41,25	0,0075	66,04	44,03	51,39
9-L	Ng+Nq+Ne	-385,97	41,25	0,0075	64,02	42,68	37,57
9-K	Ng+Nq+Ne	-202,42	23,00	0,0076	36,73	24,49	-0,79

Toplam Kat Kapasitesi	3035,11	2023,41
Kat Kapasitesi	3035,11	2023,41
Toplam Kapasite M. / Hesap M.	2,55	
Kapasite M. / Hesap M.	2,55	