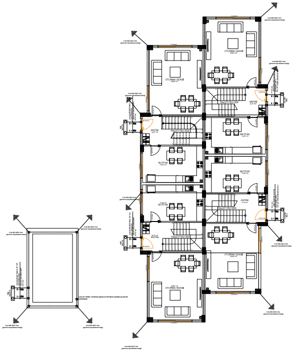
A BLOK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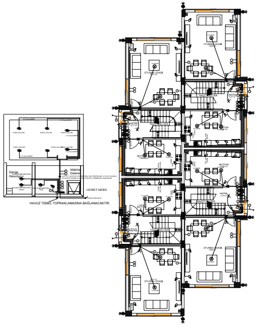
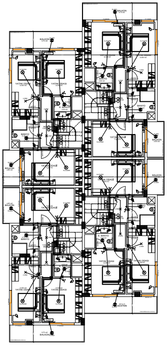
ANTRE
MUTFAK
19x(27/16)=304
2 mt 65x 65x7 mm galvaniz topraklama kazığı


Denge Havuzu
Makine Dairesi
GEMİCİ MERD.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.
OTURMA ODASI
ANTRE
MUTFAK
19x(27/16)=304

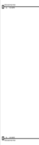
ZEMİN KAT PLANI

ÖLÇEK: 1/50

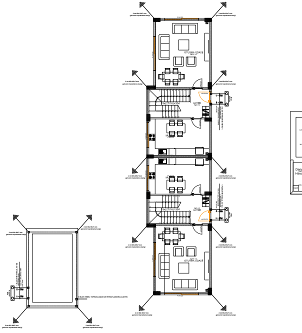

BALKON
YATAK ODASI
BANYO
E. BANYO

1.KAT PLANI

ÖLÇEK: 1/50



B BLOK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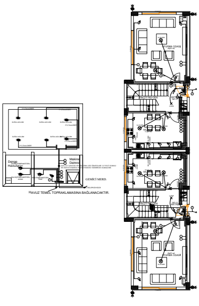
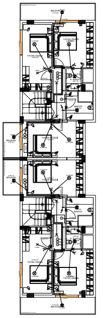
ANTRE
MUTFAK
19x(27/16)=304
2 mt 65x 65x7 mm galvaniz topraklama kazığı


Denge Havuzu
Makine Dairesi
GEMİCİ MERD.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.
OTURMA ODASI
19x(27/16)=304

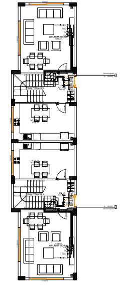
ZEMİN KAT PLANI

ÖLÇEK: 1/50


BALKON
YATAK ODASI
E. BANYO
BANYO

1.KAT PLANI

ÖLÇEK: 1/50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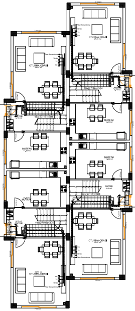
ANTRE
MUTFAK
19x(27/16)=304

ZEMİN KAT PLANI

ÖLÇEK: 1/50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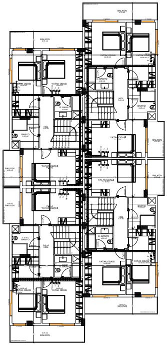
MUTFAK
ANTRE
E. BANYO
19x(27/16)=304

ZEMİN KAT PLANI

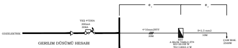
ÖLÇEK: 1/50


BALKON
YATAK ODASI
E. BANYO
BANYO
HOL

1.KAT PLANI

ÖLÇEK: 1/50

GERILIM DUSUMU HESABI A BLOK


e1
e2
YKŞ 4*500A
300mA
30KA
GDZELEKTRIK
4*10mm2NYY
30M
S=2,5 mm2
10M
RST
AT
KG=549848 W
TG=198956,5 W
RST
A BLOK TABLO ZT4
KG=26108 W
TG=12043,2 W
ÇAM MAK.
2500W

GERILIM DÜSÜMÜ HESABI

$$\%e_1=\frac{0.124*10^{-4}*30*12043,2}{10}=0,44$$

$$\%e_2=\frac{0.074*10^{-3}*10*2500}{2.5}=0.74$$

$\%e= \%e_1+ \%e_2$

$\%e=$ 0,44+0,74=1,18<1.5 UYGUNDUR.

AKIM KONTROLU

$$I=\frac{232374,7}{1.73*380*0.8}= 441,8 < 500\ A$$

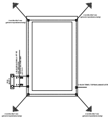
AYDINLATMA HESABI

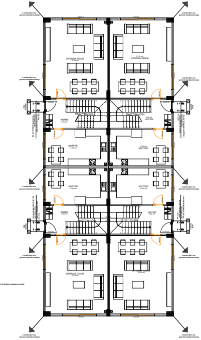
Nt= 549848

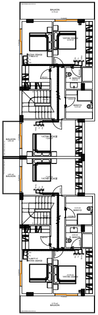
N= 12* 2500= 30000W

N<Nt

C BLOK



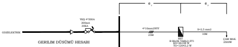

OTURMA ODASI
MUTFAK
ANTRE
19x(27/16)=304


BALKON
YATAK ODASI
E. BANYO
BANYO

1.KAT PLANI

ÖLÇEK: 1/50

GERILIM DUSUMU HESABI B BLOK


e1
e2
YKŞ 4*500A
300mA
30KA
GDZELEKTRIK
4*10mm2NYY
25M
S=2,5 mm2
10M
RST
AT
KG=549848 W
TG=198956,5 W
RST
B BLOK TABLO ZT1
KG=26108 W
TG=12043,2 W
ÇAM MAK.
2500W

GERILIM DÜSÜMÜ HESABI

$$\%e_1=\frac{0.124*10^{-4}*25*12043,2}{10}=0,38$$

$$\%e_2=\frac{0.074*10^{-3}*10*2500}{2.5}=0.74$$

$\%e= \%e_1+ \%e_2$

$\%e=$ 0,38+0,74=1,12<1.5 UYGUNDUR.

AKIM KONTROLU

$$I=\frac{232374,7}{1.73*380*0.8}= 441,8 < 500\ A$$

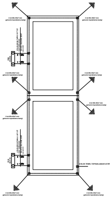
AYDINLATMA HESABI

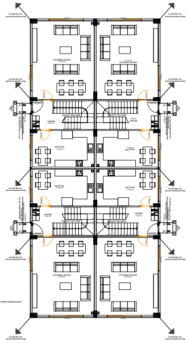
Nt= 549848

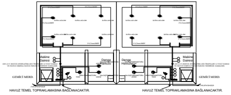
N= 12* 2500= 30000W

N<Nt

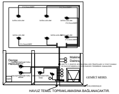
D BLOK



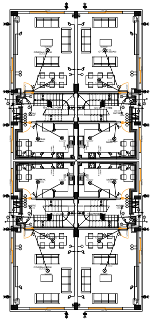

OTURMA ODASI
MUTFAK
ANTRE
19x(27/16)=304

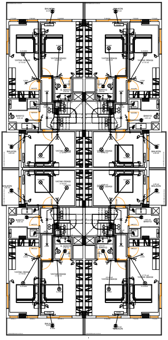

Makine Dairesi
Denge Havuzu
Denge Havuzu
Makine Dairesi
GEMİCİ MERD.
GEMİCİ MERD.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.

PRODUCED BY AN AUTODESK EDUCAT

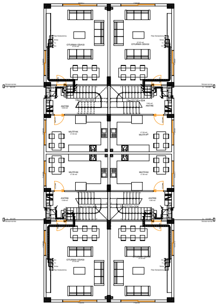

Denge Havuzu
Makine Dairesi
GEMİCİ MERD.

HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.


OTURMA ODASI
MUTFAK
ANTRE


BALKON
YATAK ODASI
BANYO
E. BANYO

ZEMİN KAT PLANI
ÖLÇEK: 1/50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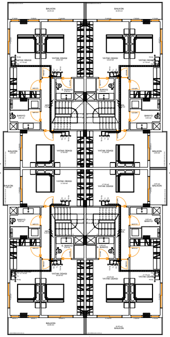
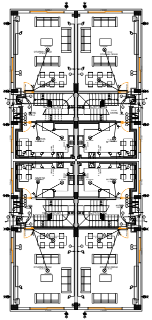
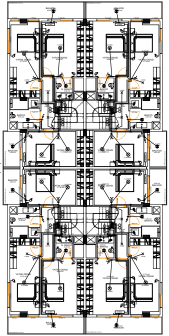
MUTFAK
ANTRE


BALKON
YATAK ODASI
BANYO
E. BANYO

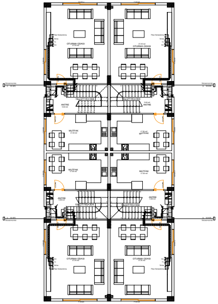
ZEMİN KAT PLANI
ÖLÇEK: 1/50


OTURMA ODASI
MUTFAK
ANTRE

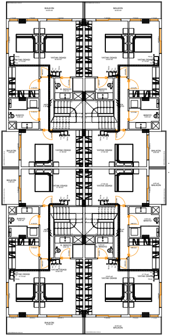
ZEMİN KAT PLANI
ÖLÇEK: 1/50


BALKON
YATAK ODASI
BANYO
E. BANYO

1.KAT PLANI
ÖLÇEK: 1/50

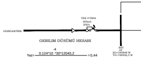

OTURMA ODASI
MUTFAK
ANTRE

ZEMİN KAT PLANI
ÖLÇEK: 1/50


BALKON
YATAK ODASI
BANYO
E. BANYO

1.KAT PLANI
ÖLÇEK: 1/50

GERILIM DUSUMU


GDZELEKTRIK
YKŞ 4*500A
300mA
30KA
RST
AT
KG=549848 W
TG=198956,5 W

GERILIM DÜSÜMÜ HESABI

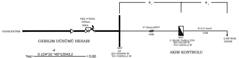
$$\%e_1 = \frac{0.124 \cdot 10^{-4} \cdot 30 \cdot 12043{,}2}{10} = 0{,}44$$

$$\%e_2 = \frac{0.074 \cdot 10^{-3} \cdot 10 \cdot 2500}{2.5} = 0.74$$

$\%e_t = \%e_1 + \%e_2$

$\%e_t$= 0,44+0,74=1,18<1.5 UYGUNDUR.

GERILIM DUSUMU HESABI C BLOK


e1
e2
YKŞ 4*500A
300mA
30KA
GDZELEKTRIK
4*10mm2NYY
40M
S=2,5 mm2
10M
RST
AT
KG=549848 W
TG=198956,5 W
RST
C BLOK TABLO ZT4
KG=26108 W
TG=12043,2 W
ÇAM MAK.
2500W

GERILIM DÜSÜMÜ HESABI

$$\%e_1=\frac{0.124*10^{-4}*40*12043,2}{10}=0,60$$

$$\%e_2=\frac{0.074*10^{-3}*10*2500}{2.5}=0.74$$

$\%e_t= \%e_1+ \%e_2$

$\%e_t$= 0,60+0,74=1,34<1.5 UYGUNDUR.

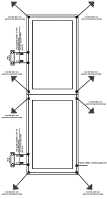
AKIM KONTROLU

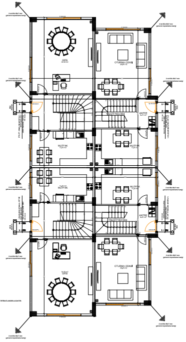
$$I=\frac{232374,7}{1.73*380*0.8}=441,8<500\text{ A}$$

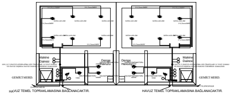
AYDINLATMA HESABI

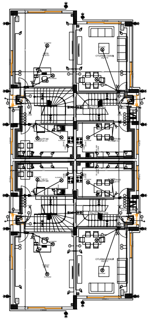
Nt= 549848
N= 12* 2500= 30000W
N<Nt

E BLOK

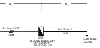



OFİS
OTURMA ODASI
MUTFAK
ANTRE
MUTFAK
ANTRE
OTURMA ODASI
OFİS


Makine Dairesi
Denge Havuzu
Denge Havuzu
Makine Dairesi
GEMİCİ MERD.
GEMİCİ MERD.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.


OTURMA ODASI
MUTFAK
MUTFAK
OTURMA ODASI

HESABI D BLOK


e1
e2
4*10mm2NYY
20M
S=2,5 mm2
10M
RST
D BLOK TABLO ZT4
KG=26108 W
TG=12043,2 W
ÇAM MAK.
2500W

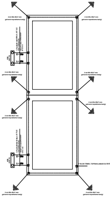
AKIM KONTROLU

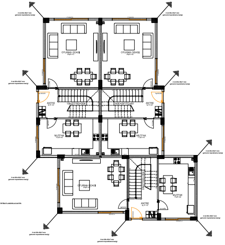
$$I=\frac{232374,7}{1.73*380*0.8}=441,8<500\text{ A}$$

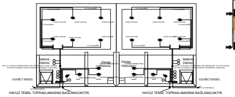
AYDINLATMA HESABI

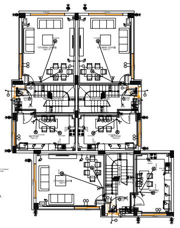
Nt= 549848
N= 12* 2500= 30000W
N<Nt

F BLOK



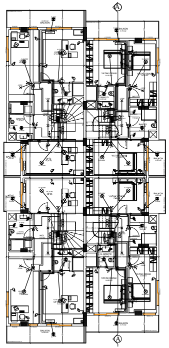

OTURMA ODASI
OTURMA ODASI
ANTRE
ANTRE
MUTFAK
MUTFAK
OTURMA ODASI
ANTRE
MUTFAK


Makine Dairesi
Denge Havuzu
Denge Havuzu
Makine Dairesi
GEMİCİ MERD.
GEMİCİ MERD.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.
HAVUZ TEMEL TOPRAKLAMASINA BAĞLANACAKTIR.

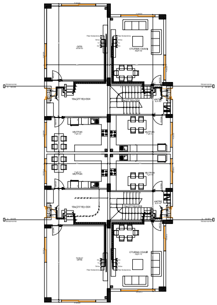

OTURMA ODASI
OTURMA ODASI
MUTFAK
MUTFAK
OTURMA ODASI
MUTFAK

ZEMİN KAT PLANI
ÖLÇEK: 1/50

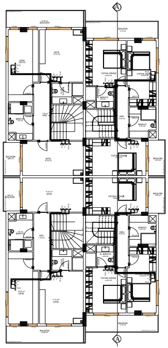
ZEMİN KAT PLANI
ÖLÇEK: 1/50



1.KAT PLANI
ÖLÇEK: 1/50

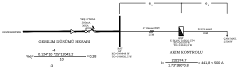


ZEMİN KAT PLANI
ÖLÇEK: 1/50



1.KAT PLANI
ÖLÇEK: 1/50

GERILIM DUSUMU HESABI E BLOK


GDZELEKTRIK
YKŞ 4*500A
300mA
30KA
e1
e2
4*10mm2NYY
25M
RST
E BLOK TABLO ZT4
KG=26108 W
TG=12043,2 W
S=2,5 mm2
10M
ÇAM MAK.
2500W
RST
AT
KG=549848 W
TG=198956,5 W

GERILIM DÜSÜMÜ HESABI

$$\%e_1=\frac{0.124*10^{-4}*25*12043,2}{10}=0,38$$

$$\%e_2=\frac{0.074*10^{-3}*10*2500}{2.5}=0.74$$

$\%e_t= \%e_1+ \%e_2$

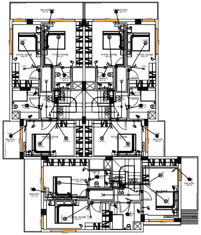
$\%e_t$= 0,38+0,74=1,12<1.5 UYGUNDUR.

AKIM KONTROLU

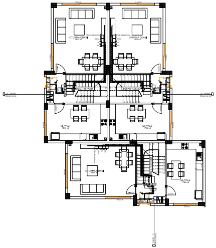
$$I=\frac{232374,7}{1.73*380*0.8}=441,8 < 500\ A$$

AYDINLATMA HESABI

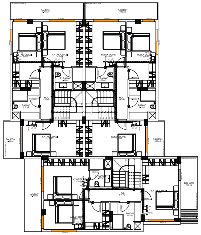
Nt= 549848
N= 12* 2500= 30000W
N<Nt



1.KAT PLANI
ÖLÇEK: 1/50

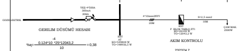


ZEMİN KAT PLANI
ÖLÇEK: 1/50



1.KAT PLANI
ÖLÇEK: 1/50

GERILIM DUSUMU HESABI F BLOK


GDZELEKTRIK
YKŞ 4*500A
300mA
30KA
e1
e2
4*10mm2NYY
20M
RST
F BLOK TABLO ZT1
KG=26108 W
TG=12043,2 W
S=2,5 mm2
10M
ÇAM MAK.
2500W
RST
AT
KG=549848 W
TG=198956,5 W

GERILIM DÜSÜMÜ HESABI

$$\%e_1=\frac{0.124*10^{-4}*25*12043,2}{10}=0,38$$

$$\%e_2=\frac{0.074*10^{-3}*10*2500}{2.5}=0.74$$

$\%e_t= \%e_1+ \%e_2$

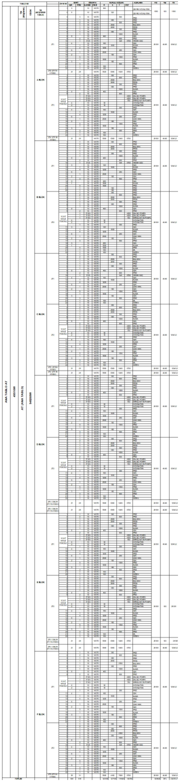
$\%e_t$= 0,38+0,74=1,12<1.5 UYGUNDUR.

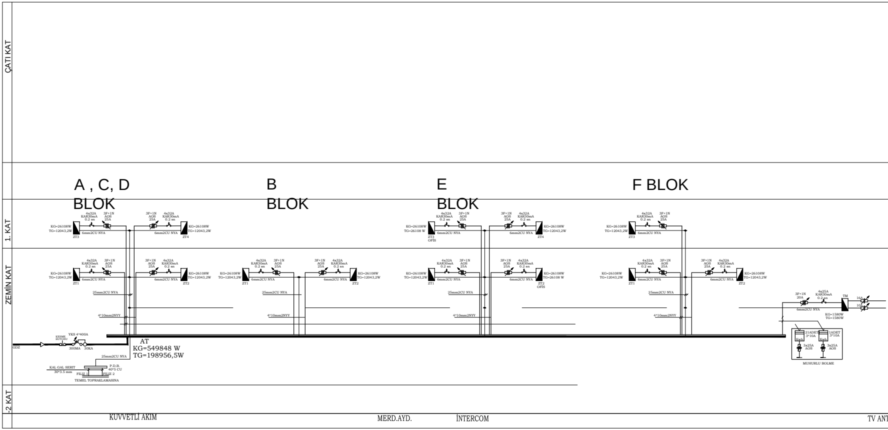
AKIM KONTROLU

$$I=\frac{232374,7}{1.73*380*0.8}=441,8 < 500\ A$$

AYDINLATMA HESABI

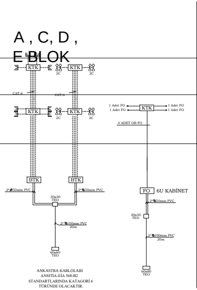
Nt= 549848
N= 12* 2500= 30000W
N<Nt




ÇATI KAT
1. KAT
ZEMİN KAT
-2 KAT
A , C, D BLOK
B BLOK
E BLOK
F BLOK
4x32A KAR30mA 0.2 sn
3F+1N AOS 25A
KG=26108W
TG=12043,2W
6mm2CU NYA
ZT3
ZT4
ZT1
ZT2
KG=26108 W
TG=26108 W
ZT3 OFİS
ZT2 OFİS
25mm2CU NYA
4*10mm2NYY
GDZ
KESME BUTONU
YKS 4*400A
300MA
30KA
AT
KG=549848 W
TG=198956,5W
25mm2CU NYA
KAL GAL SERIT 30*3.5 mm
P.D.B. 40*5 CU
FILIZ 1
FILIZ 2
TEMEL TOPRAKLAMASINA
3F+1N 20A
4x25A KAR30mA 0.2 sn
TM
16A
10A
KG=1580W
TG=1580W
21ADET 3*10A
1ADET 3*10A
Kwh
3x25A AOS
MUHURLU BOLME
KUVVETLİ AKIM
MERD.AYD.
İNTERCOM
TV ANT

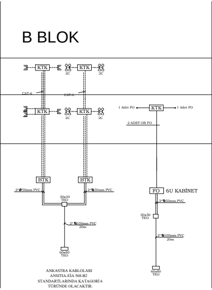
KOLON SEMALARI

A , C, D , E BLOK


KTK
KTK
2C
2C
CAT-6
CAT-6
KTK
KTK
2C
2C
1 Adet FO
1 Adet FO
KTK
1 Adet FO
1 Adet FO
4 ADET OB FO
BTK
BTK
2*Ø50mm PVC
2*Ø50mm PVC
30x30
TEO
FO
6U KABİNET
2*Ø50mm PVC
30x30
TEO
2*Ø100mm PVC
20m
2*Ø100mm PVC
20m
60x80
TEO
60x80
TEO

ANKASTRA KABLOLARI
ANSITIA-EİA 568-B2
STANDARTLARINDA KATAGORİ 6
TÜRÜNDE OLACAKTIR.

B BLOK


KTK
KTK
2C
2C
CAT-6
CAT-6
KTK
KTK
2C
2C
1 Adet FO
KTK
1 Adet FO
2 ADET OB FO
BTK
BTK
2*Ø50mm PVC
2*Ø50mm PVC
30x30
TEO
FO
6U KABİNET
2*Ø50mm PVC
30x30
TEO
2*Ø100mm PVC
20m
2*Ø100mm PVC
20m
60x80
TEO
60x80
TEO

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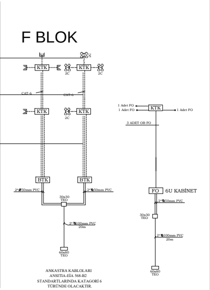
F BLOK


2C
KTK
KTK
2C
2C
CAT-6
CAT-6
KTK
KTK
2C
1 Adet FO
1 Adet FO
KTK
1 Adet FO
3 ADET OB FO
BTK
BTK
2*Ø50mm PVC
2*Ø50mm PVC
30x30
TEO
FO
6U KABİNET
2*Ø50mm PVC
30x30
TEO
2*Ø100mm PVC
20m
2*Ø100mm PVC
20m
60x80
TEO
60x80
TEO

ANKASTRA KABLOLARI
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STANDARTLARINDA KATAGORİ 6
TÜRÜNDE OLACAKTIR.

TENİ TELEFON+İNTERNET