



İBE — 108 : 1976
İLLER BANKASI
TİP PROJELERİ

KULESİZ 2 HÜCRELİ 6,3-15 KV. TRANSFORMATÖR BİNASI

(BANKA İÇİN BASTIRILMIŞTIR.)

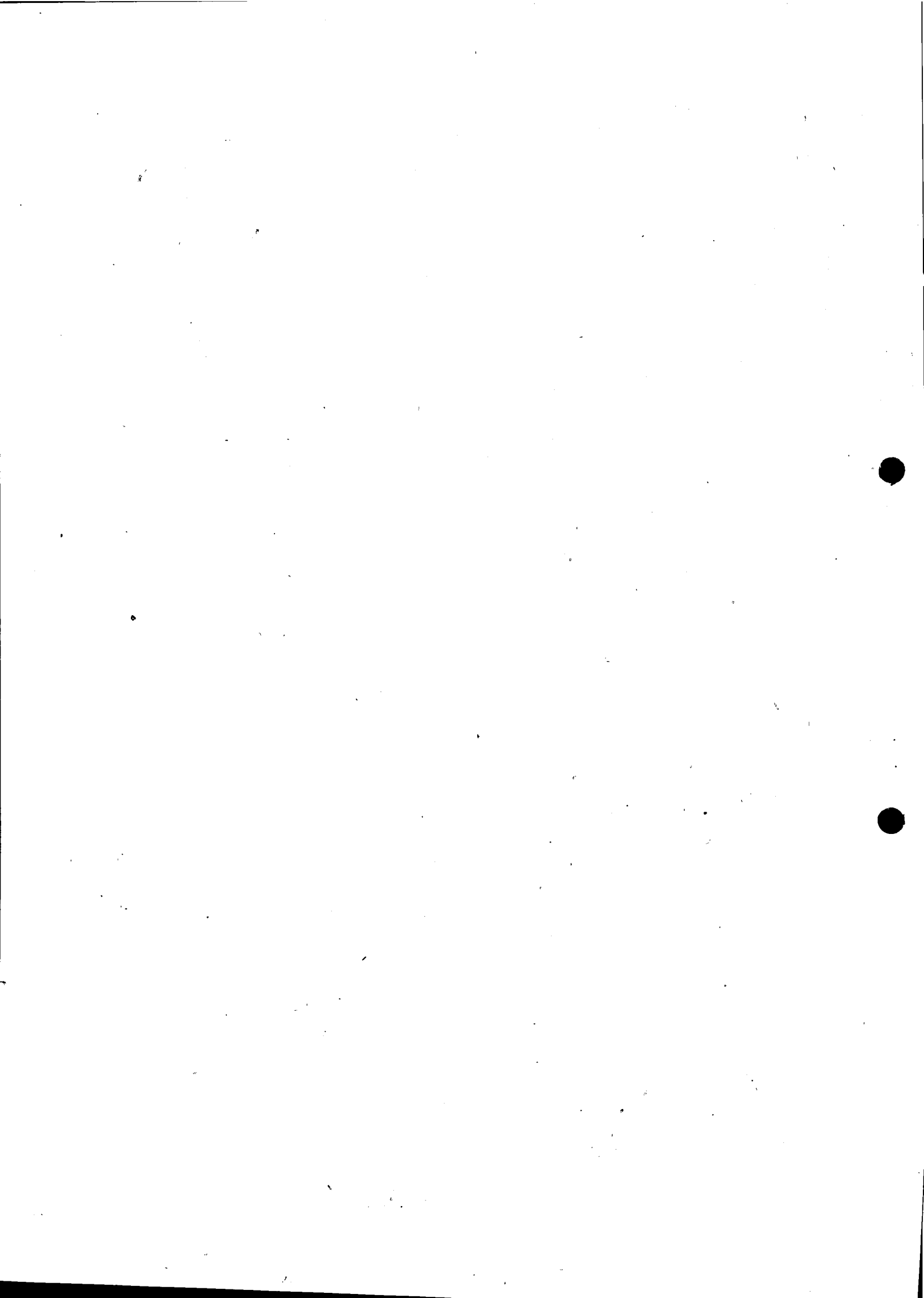
İ Ç İ N D E K İ L E R

PLÂN NO:

MONTAJ PLÂNI	1/27
MİMARİ PROJESİ	1/28
KAPI VS. DETAY PLÂNLARI	1/60

İLLER BANKASI
GENEL MÜDÜRLÜĞÜ MATBAASI

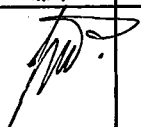

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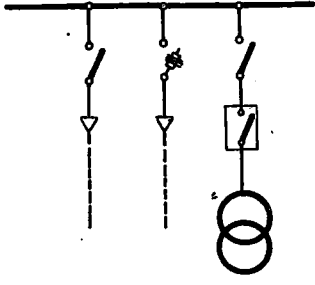


İLLER BANKASI

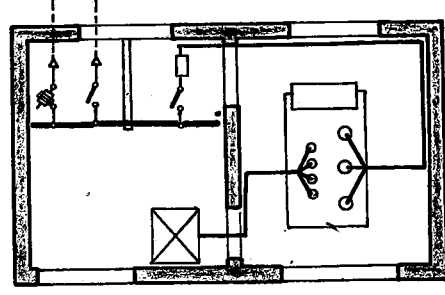
72

53

DEĞİŞİKLİK			TARİH	İMZA
a)				
b)				
KULESİZ İKİ HÜCRELİ TİP TRANSFORMATÖR BİNASI MONTAJ PLÂNI			ÖLÇEK 1/50	
			NO.LU NO.LU PLÂN İPTAL EDİLDİ	
			NO.LU PLÂN İPTAL EDİLDİ	
PROJİYİ YAPANIN .DİPL. NO. ÜNVANI, ADI, SOYADI	İMZA	İMZA TARİHİ	PLÂN NO	
Yük. Müh. HÜSEYİN BODUR ODA NO : 343 DİPL NO : 2193			108 1/27	
ÇİZEN : SAVAŞ BAYIR. 				ARŞİV KAYIT NO
İLLER BANKASI ENERJİ DAİRESİ REİSLİĞİ				

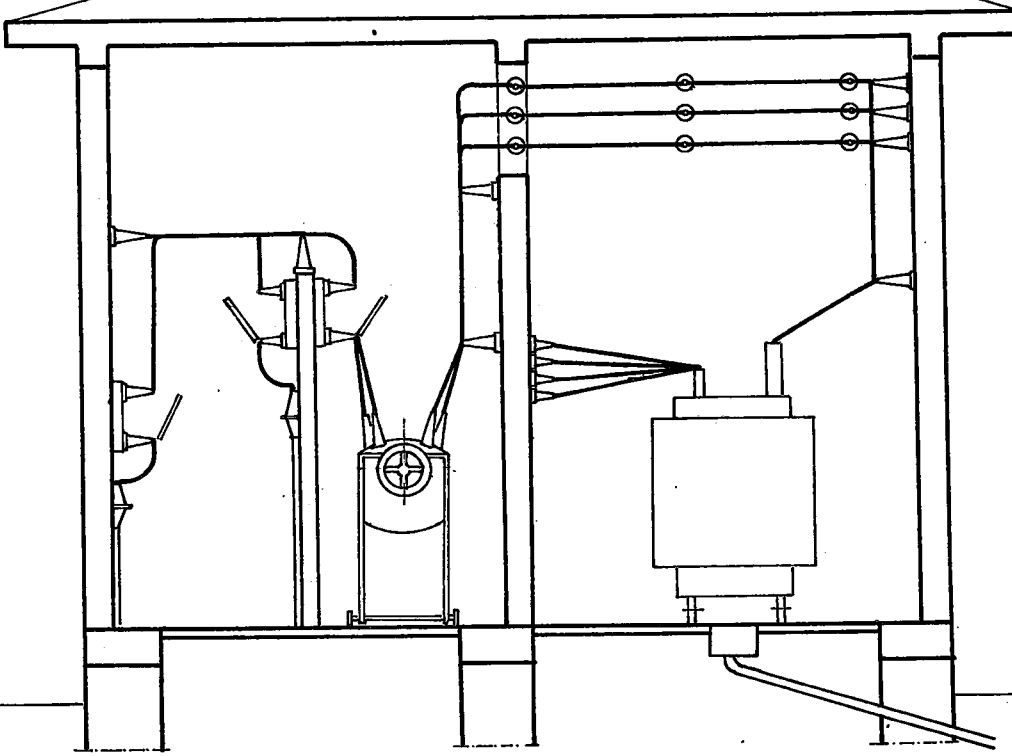


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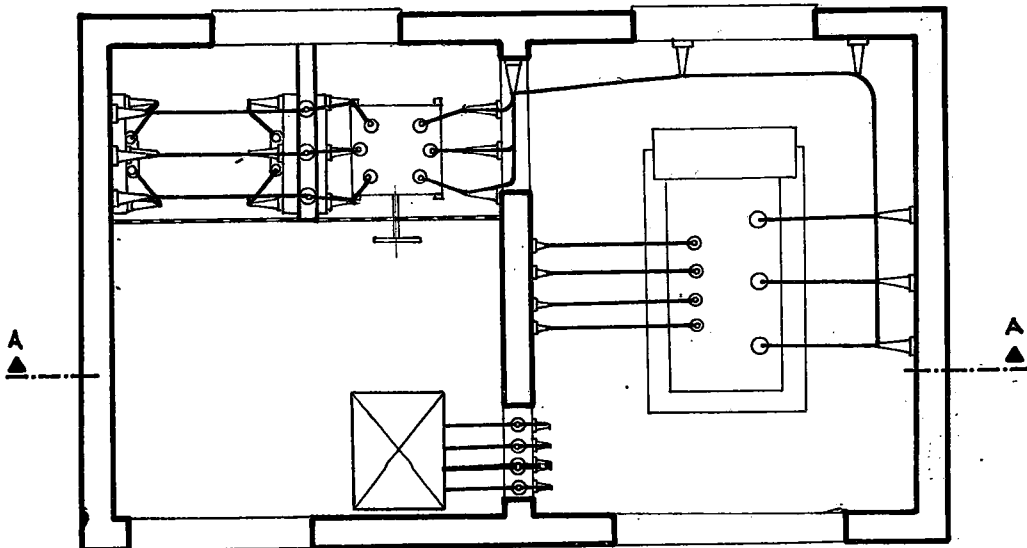


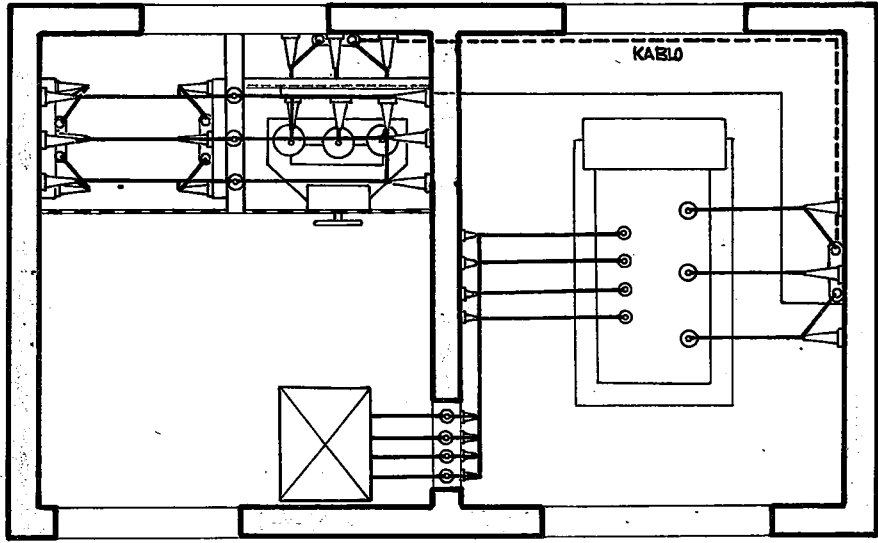
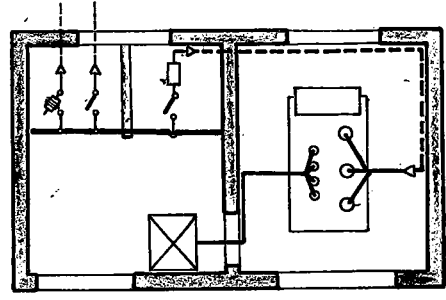
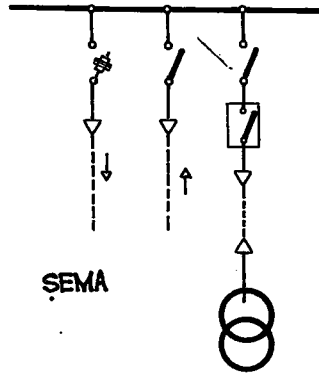
GENEL MONTAJ PLÂNI 0:1/100

AÇICI TAM YAĞLI OLDUĞU TAKİRDE MONTAJ ŞEKLİ

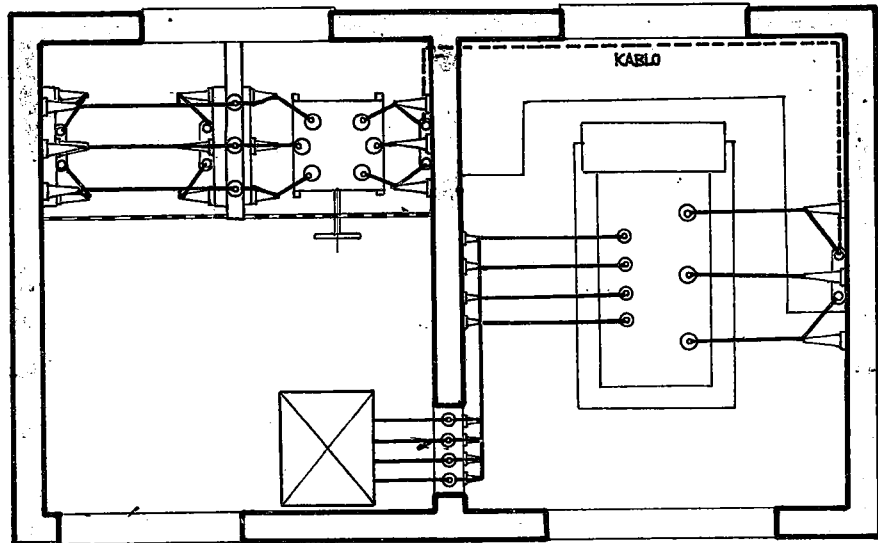


A-A KESİTİ



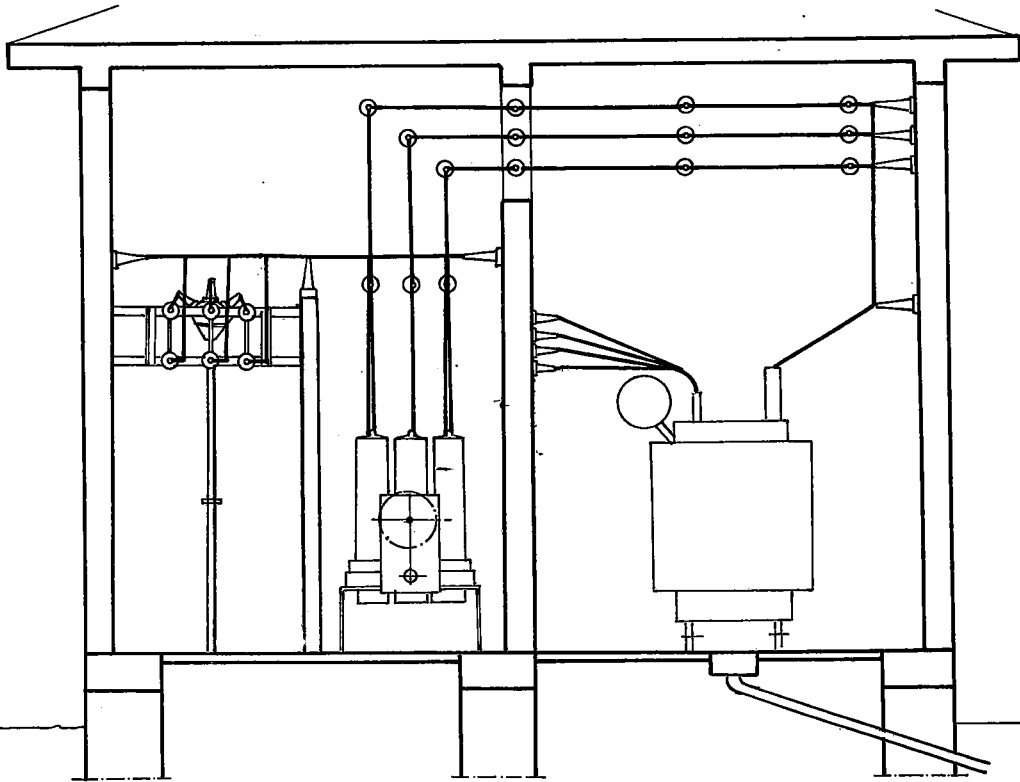
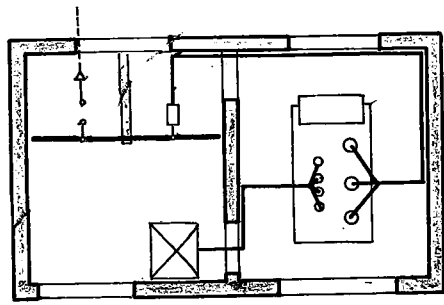


AÇICI AZ YAĞLI - AÇICI İLE TRAFÖ ARASI KABLO OLDUĞU TAKDİRDE
MONTAJ ŞEKLİ

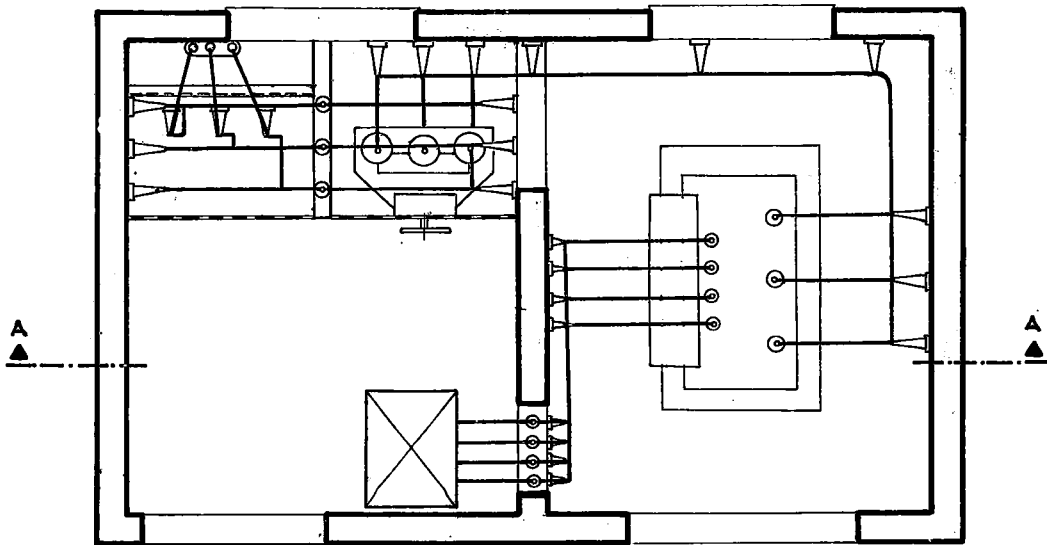


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MONTAJ ŞEKLİ

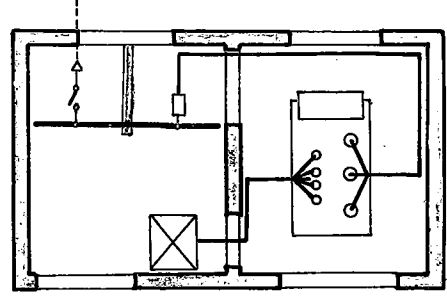
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A-A KESİTİ

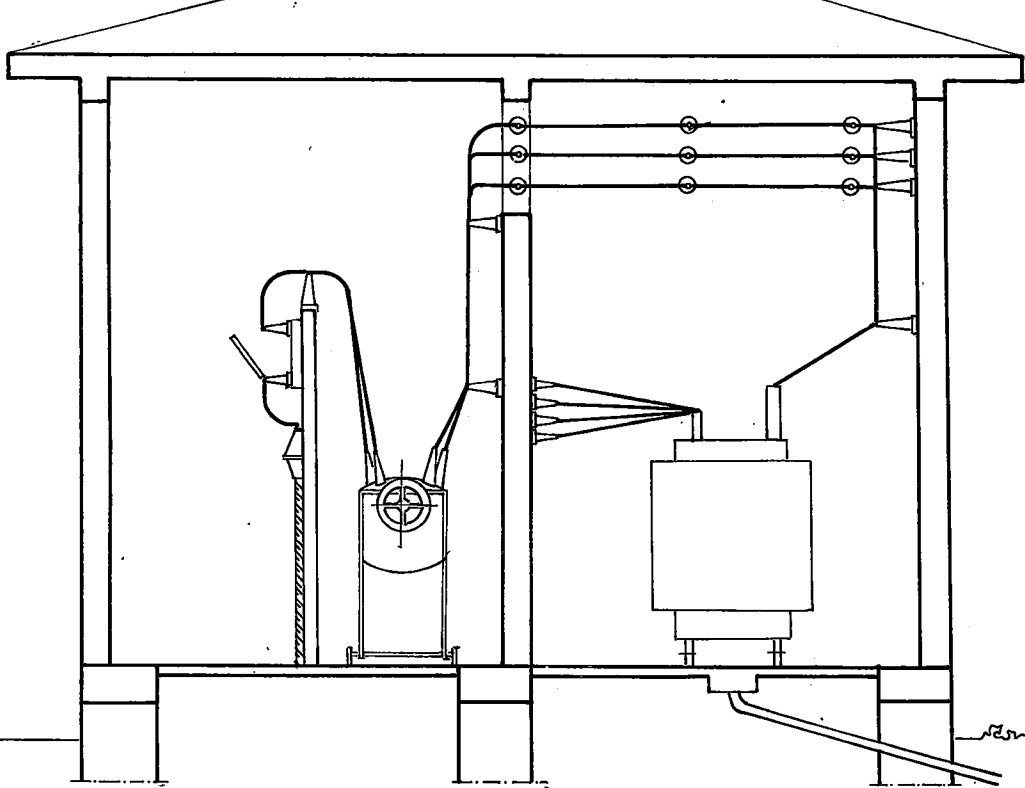


ŞEMA

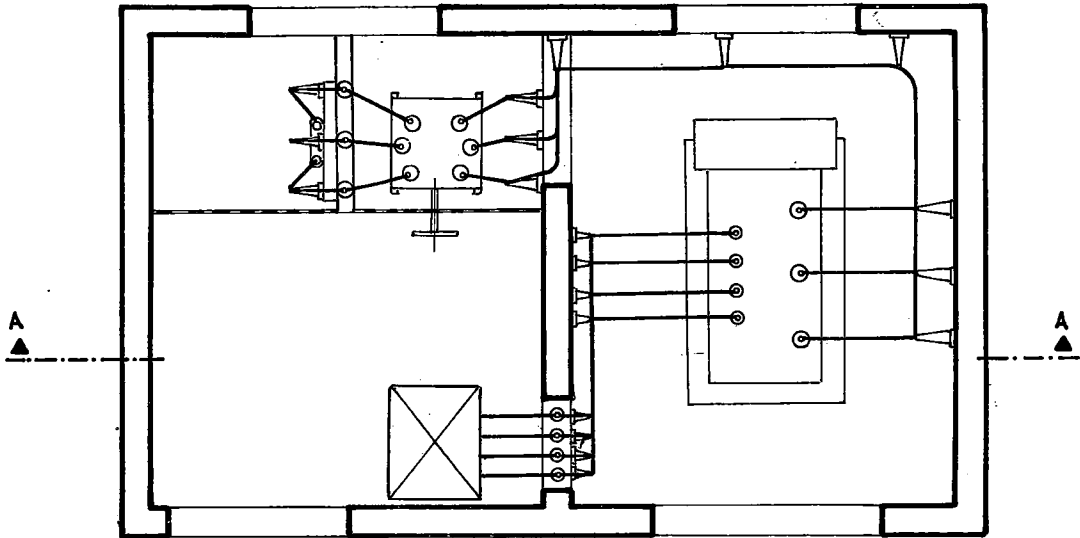


GENEL MONTAJ PLÂNI

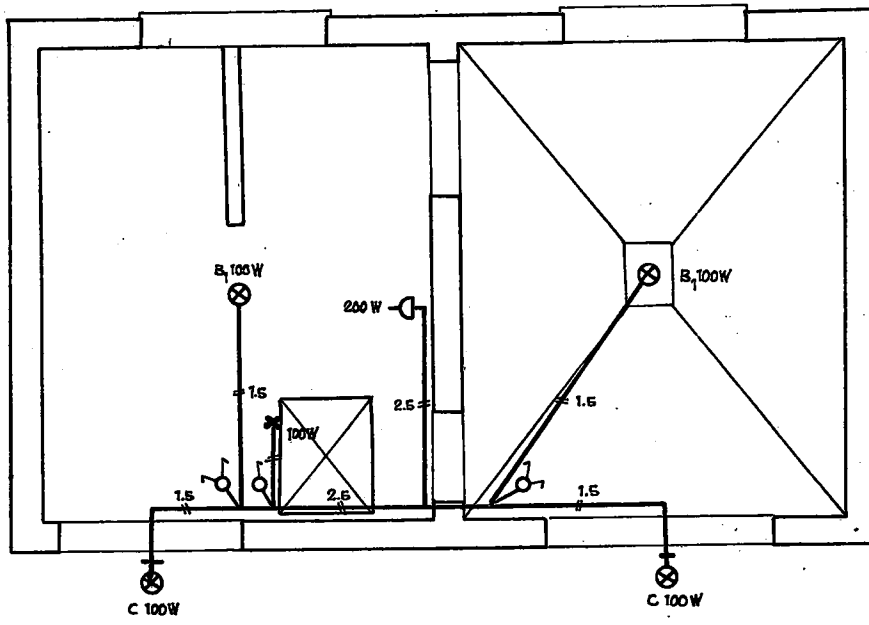
AÇICI TAM YAĞLI OLDUĞU TAKDİRDE MONTAJ ŞEKLİ



A - A KESİTİ



İÇ ELEKTRİK TESİSATI PLANI




1973 SENESİNE GÖRE İÇ TESİSAT
KEŞFİ

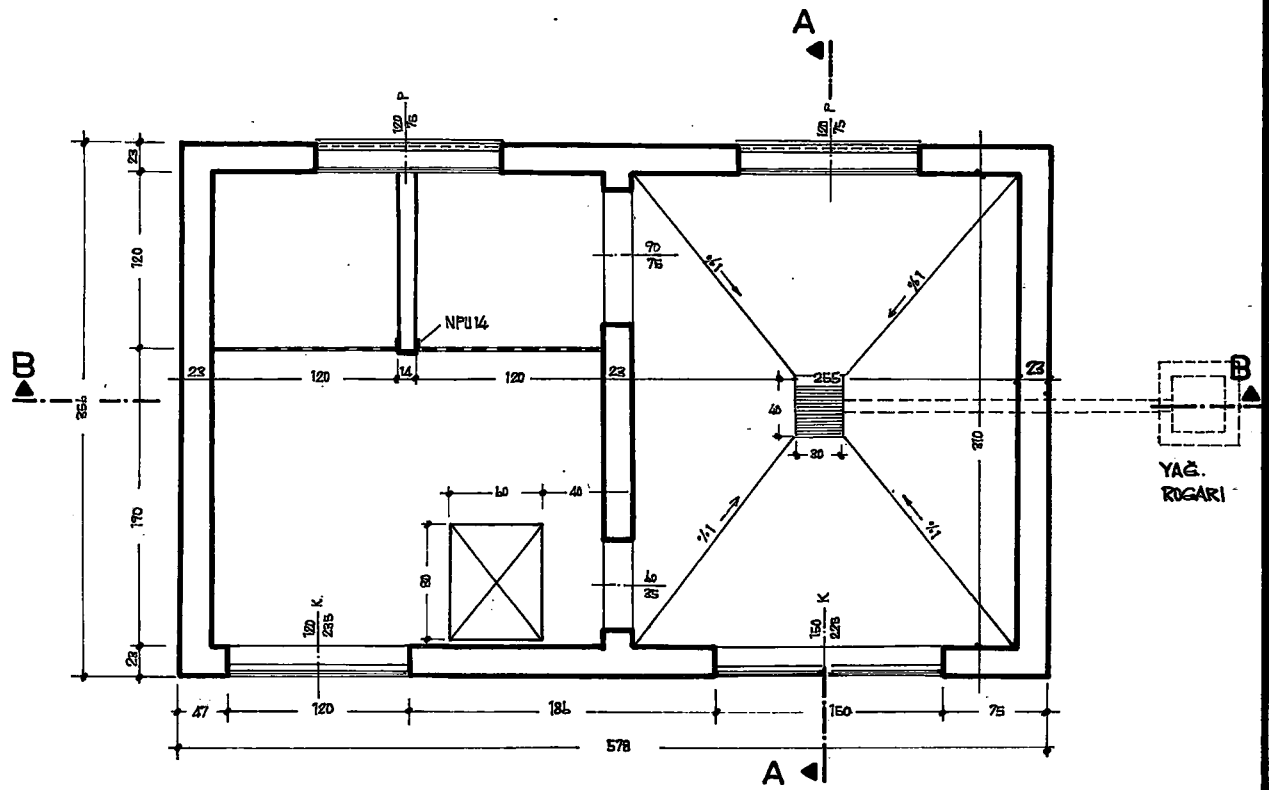
<u>POZ NO</u>	<u>C İ N S İ</u>	<u>ÖLÇÜ</u>	<u>MİKTAR</u>	<u>B.FİYAT</u>	<u>TUTARI</u>
724-301	BUŞONLU DUVAR SİGORTASI L.A.	AD.	1	23,-	23,-
734-102	KOMİTATÖR AYDINLATMA SORTİSİ	°	2	150,-	300,-
734-101	NORMAL AYDINLATMA SORTİSİ	°	1	97,-	97,-
735-101	PRİZ SORTİSİ	°	1	95,-	95,-
742-105	DIŞ KAPI ARMATÜRÜ (C) TİPİ	°	2	42,-	84,-
742-102	TAVAN ARMATÜRÜ (B ₁) TİPİ	°	2	48,-	96,-
727-107	BESLEME HATTI 2X4 mm ²	III.	3	11,-	33,-
				TOPLAM.	728,- TL.

İLLER BANKASI

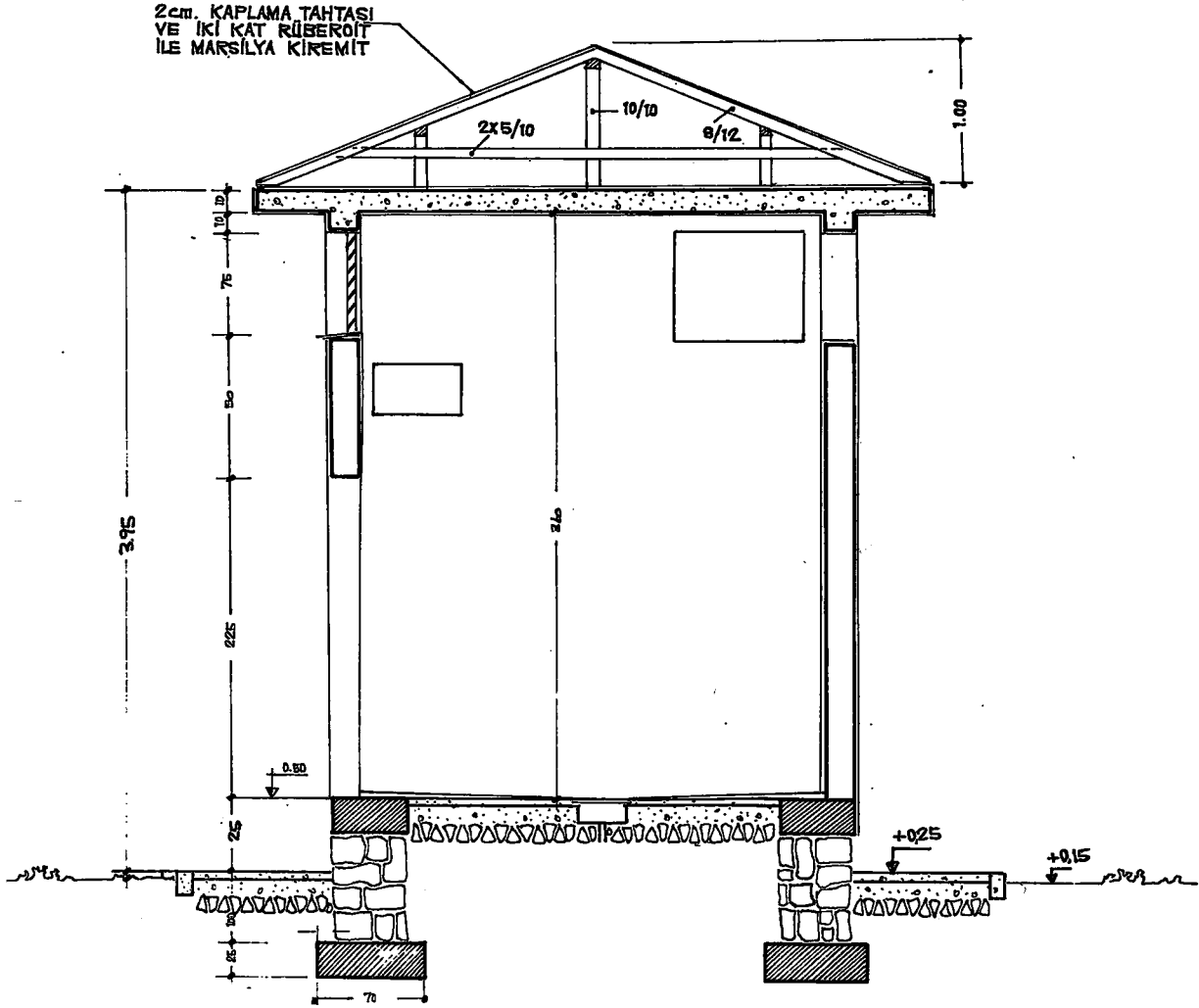
72

53

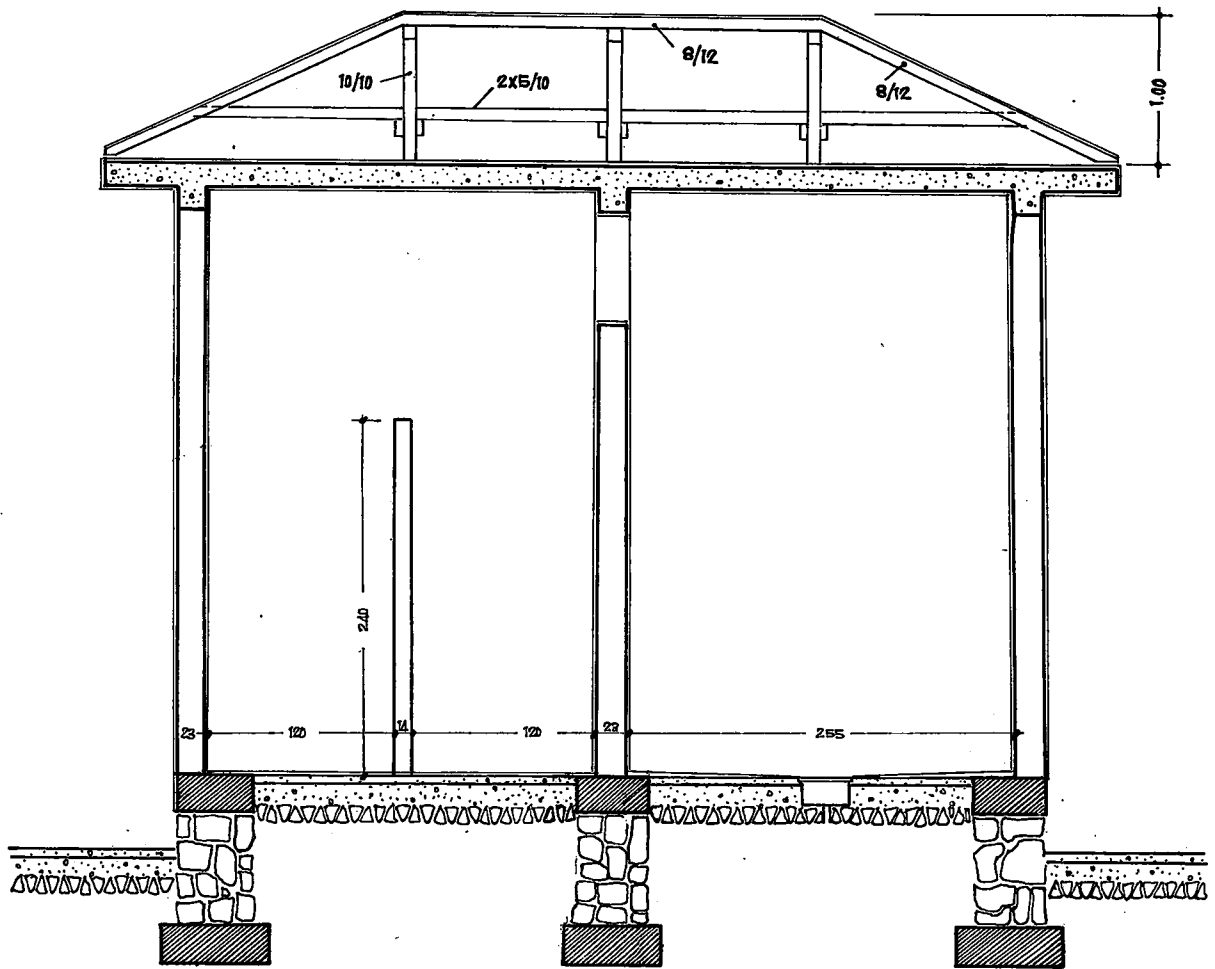
DEĞİŞİKLİK			TARİH	İMZA
a)				
b)				
6.3 -15 KV. KULESİZ 2 HÜCRELİ TİP TRANSFORMATÖR BİNASI MİMARİ PROJESİ			ÖLÇEK 1/50	
			NO.LU PLÂN İPTAL EDİLDİ	
			NO.LU PLÂN İPTAL EDİLDİ	
PROJESİ YAPANIN DİPL. ÜNVANI, ADI ve SOYADI	İMZA	İMZA TARİHİ	PLÂN NO	
Yük. İnş. Müh. CETİN PEKİNER CPA NO: 8730 - DİPL: 4753 TELEFON: 174701			108 1/28	
ÇİZEN: SAVAŞ BAYIR.			ARŞİV KAYIT NO	
			İLLER BANKASI	
			ENERJİ DAİRESİ REİSLİĞİ	



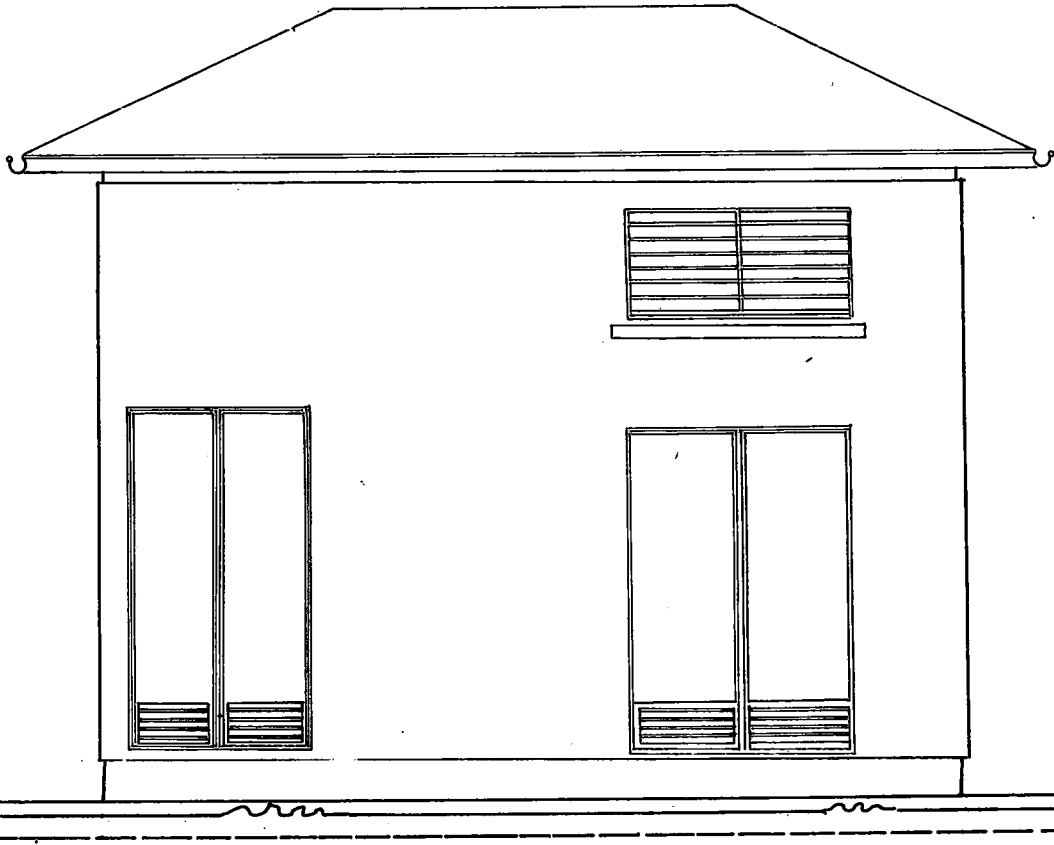
PLÂN



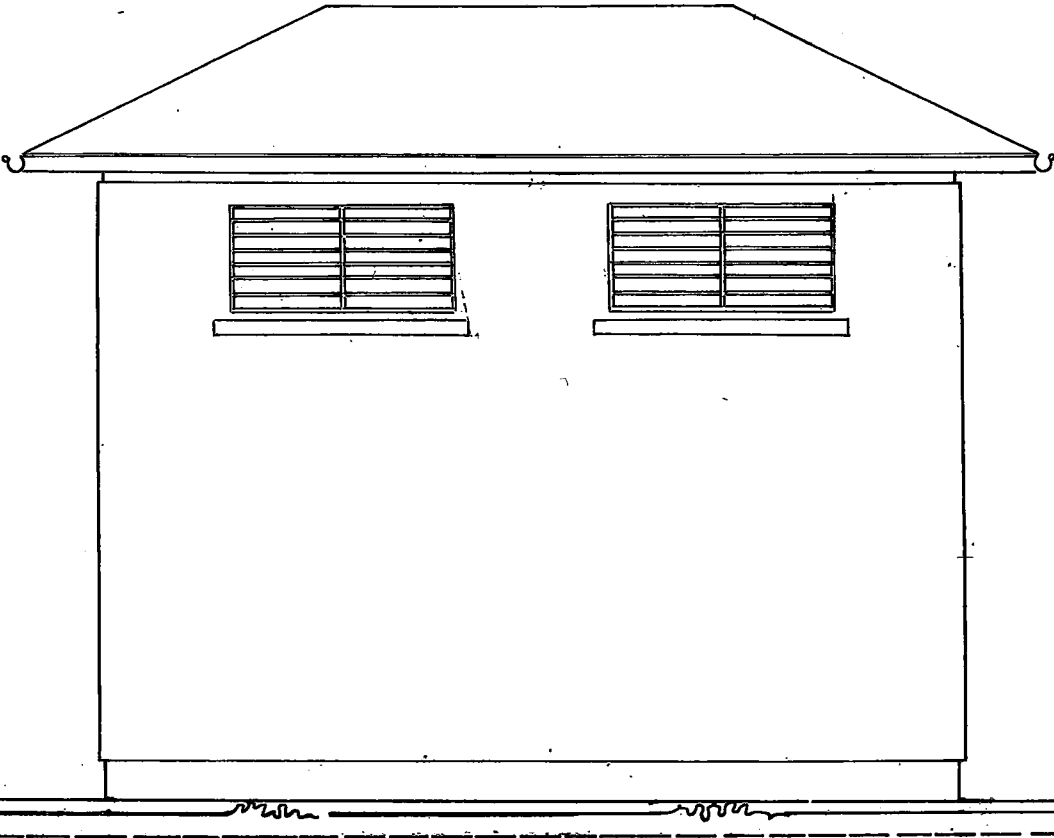
A - A KESİTİ



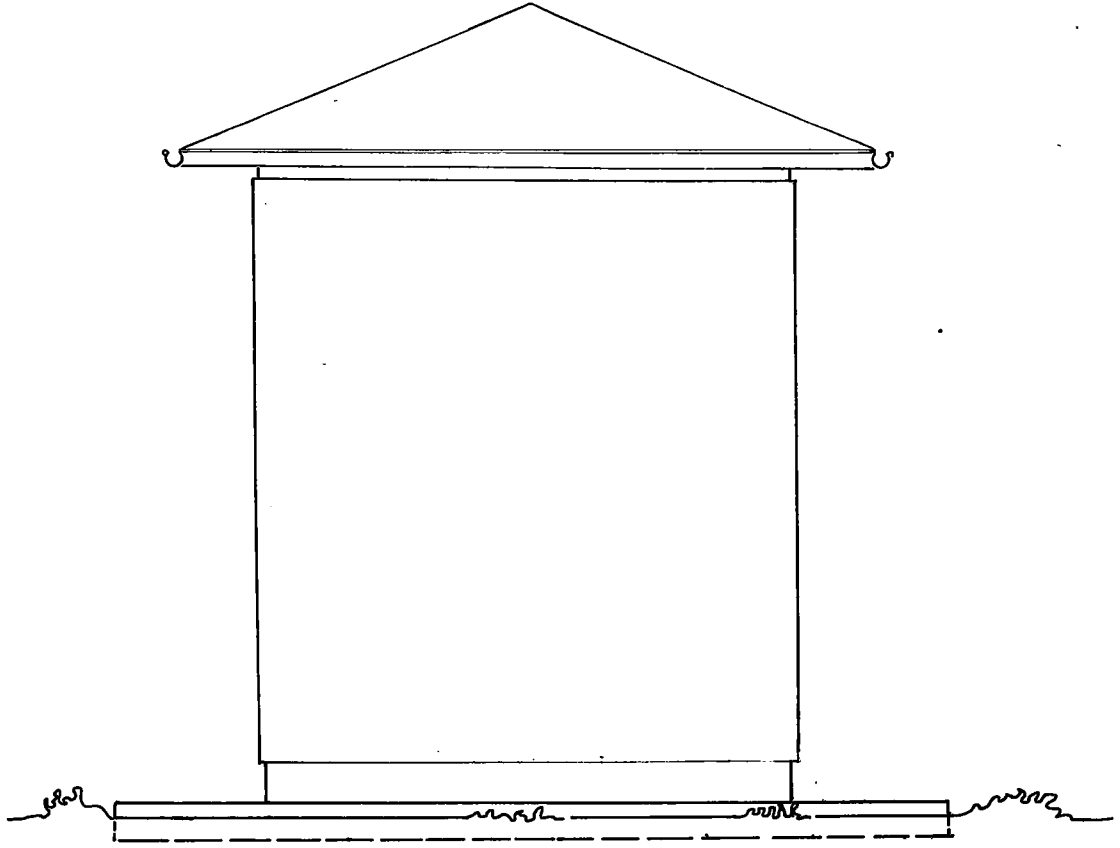
B - B KESİTİ



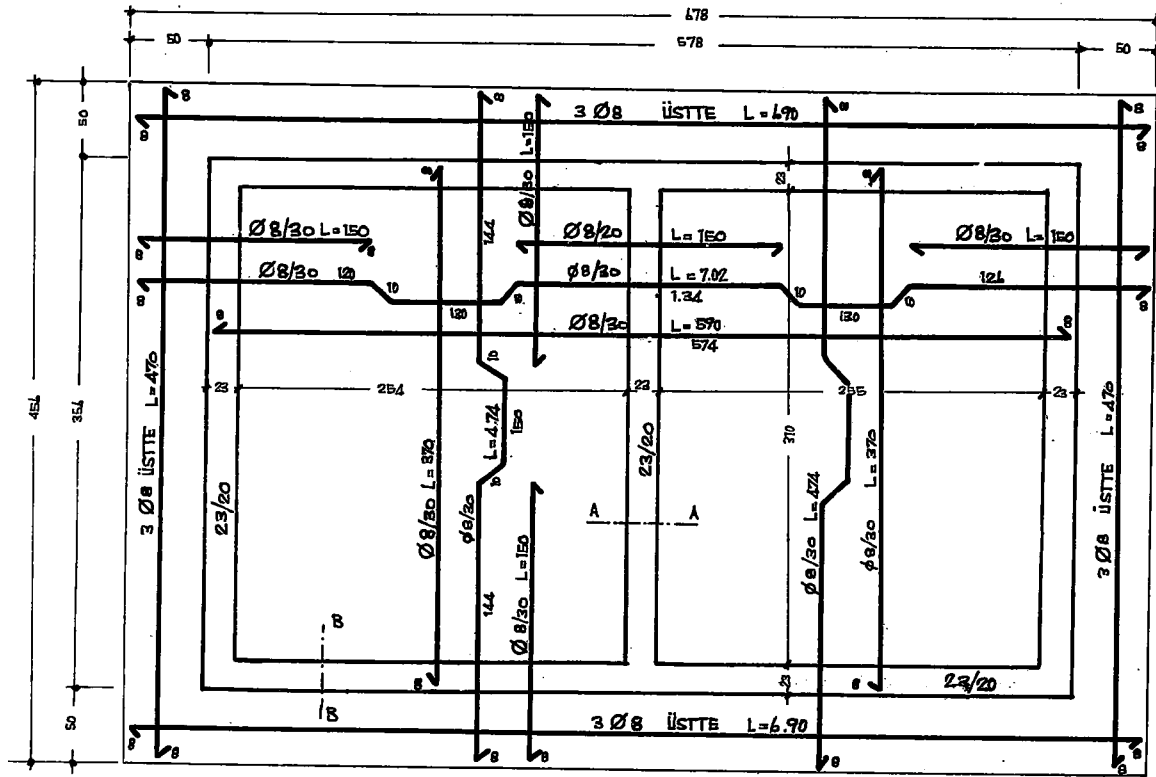
ÖN GÖRÜNÜŞ



ARKA GÖRÜNÜŞ

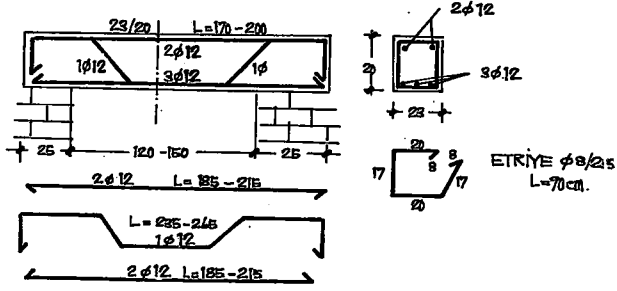


SAĞ VE SOL YAN CEPHE

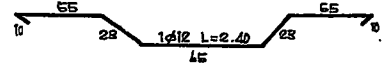
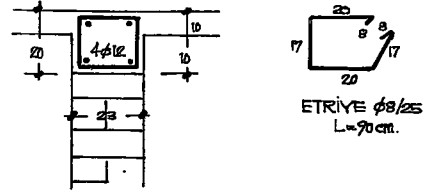


BETONARME TAFSİLÂTI

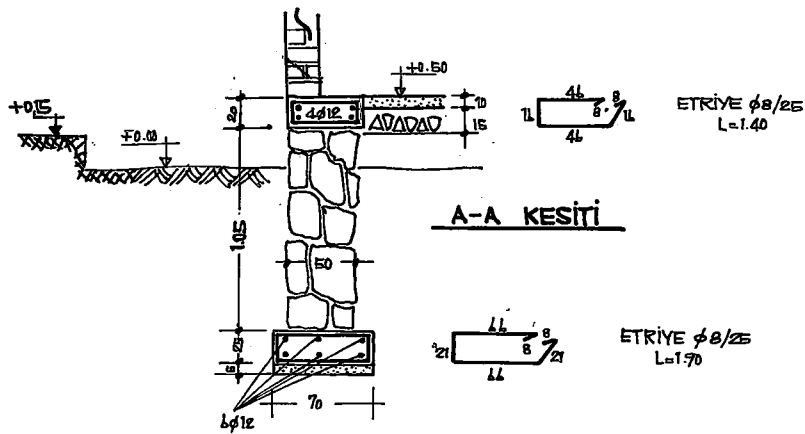
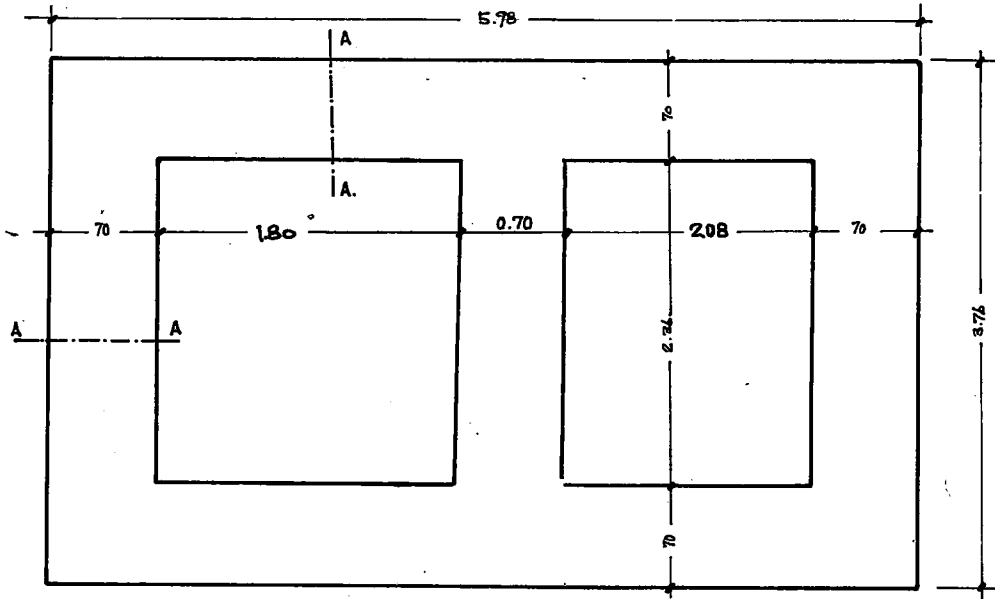
KAPI ÜSTÜ LENTOLARI

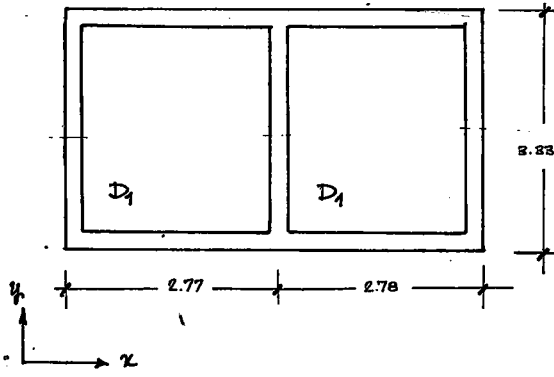


**B-B
TABLİYE HATILI 23/20 KESİTİ**



TABLİYE HATILINDA ÜST PENCERELERDE İLAVE EDİLECEK PİLVE DETAYI





Malzeme St I B 160

Yük : Döşeme zati	= 0.10 x 2.1	= 0.210
Siva		= 0.055
Ahşap çatı		= 0.100
Kar yükü		= 0.075
		<u>q = 0.470 t/m²</u>

DÖŞEME HESABI : $l_x = 2.78$ $l_y = 3.33$

$$\epsilon = \frac{3.33}{2.78} = 1.20 \quad \mu_2 = 0.8383 \quad \alpha_2 = 0.04286 \quad \beta_2 = 0.01629$$

$$M_x = 0.04286 \times 0.470 \times 2.78^2 = 0.16 \text{ t/m.}$$

$$M_y = 0.01629 \times 0.470 \times 3.33^2 = 0.07 \text{ t/m.}$$

$$X = \frac{1}{8} \times 0.8383 \times 0.470 \times 2.78^2 = 0.38 \text{ t/m.}$$

$$\text{SAÇAKTA } x = \frac{0.470 \times 0.62^2}{2} = 0.09 \text{ t/cm.}$$

X DOĞRULTUSU AÇIKLIKTA $M = 1,6 \text{ t/cm.}$ $G_b = 21 \text{ kg/cm}^2$ $f_e = 1.29 \text{ cm}^2$
Minimum donantı $\phi 8/15$ (1 Pilye 1 düz)

Y DOĞRULTUSU AÇIKLIKTA $M = 9 \text{ t/cm.}$ Min. donantı $\phi 8/15$ (1 Pilye, 1 düz)

ARA MESNETLE $X = 38 \text{ t/cm.}$ $h = 8,5 \text{ cm.}$ $G_b = 37 \text{ kg/cm}^2$ $f_e = 4.18 \text{ cm}^2$ Mevcut $\phi 8/30$
ilave $\phi 8/20$

SAÇAKLARDA (Açıklık pilyesi) Mevcut $\phi 8/30$ ilave $\phi 8/30$

TEMEL GERİLME TAHKİKİ : Temel genişliği $b = 0.70 \text{ cm.}$

Yük : Döşmeden : $2 \times 0.363 \times 0.470 \times 2.87 = 0.98 \text{ t/m.}$
Tuğla duvar : $1 \times 0.23 \times 3.70 \times 1.700 = 1.53 \text{ "}$
Taş duvar : $1 \times 0.50 \times 1.80 \times 2.200 = 1.98 \text{ "}$
4.49 t/m.

$$G'_z = \frac{4.49}{0.70} = 6.4 \text{ t/m} < G_{zem.} = 15 \text{ t/m}^2$$

ENERJİ VE TABİİ KAYNAKLAR
BAKANLIĞI

İLLER BANKASI ENERJİ DAİRESİ REİSLİĞİ

İLLER BANKASI
BÖLGE MÜDÜRLÜĞÜ

YÜKLENİCİ

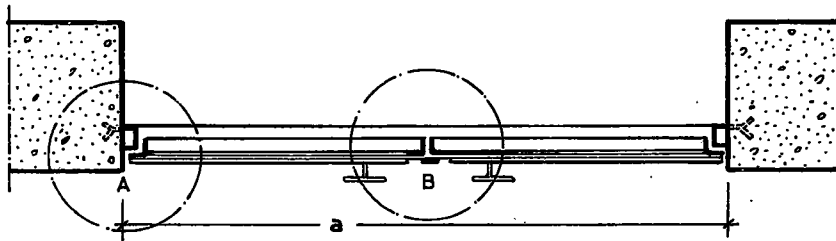
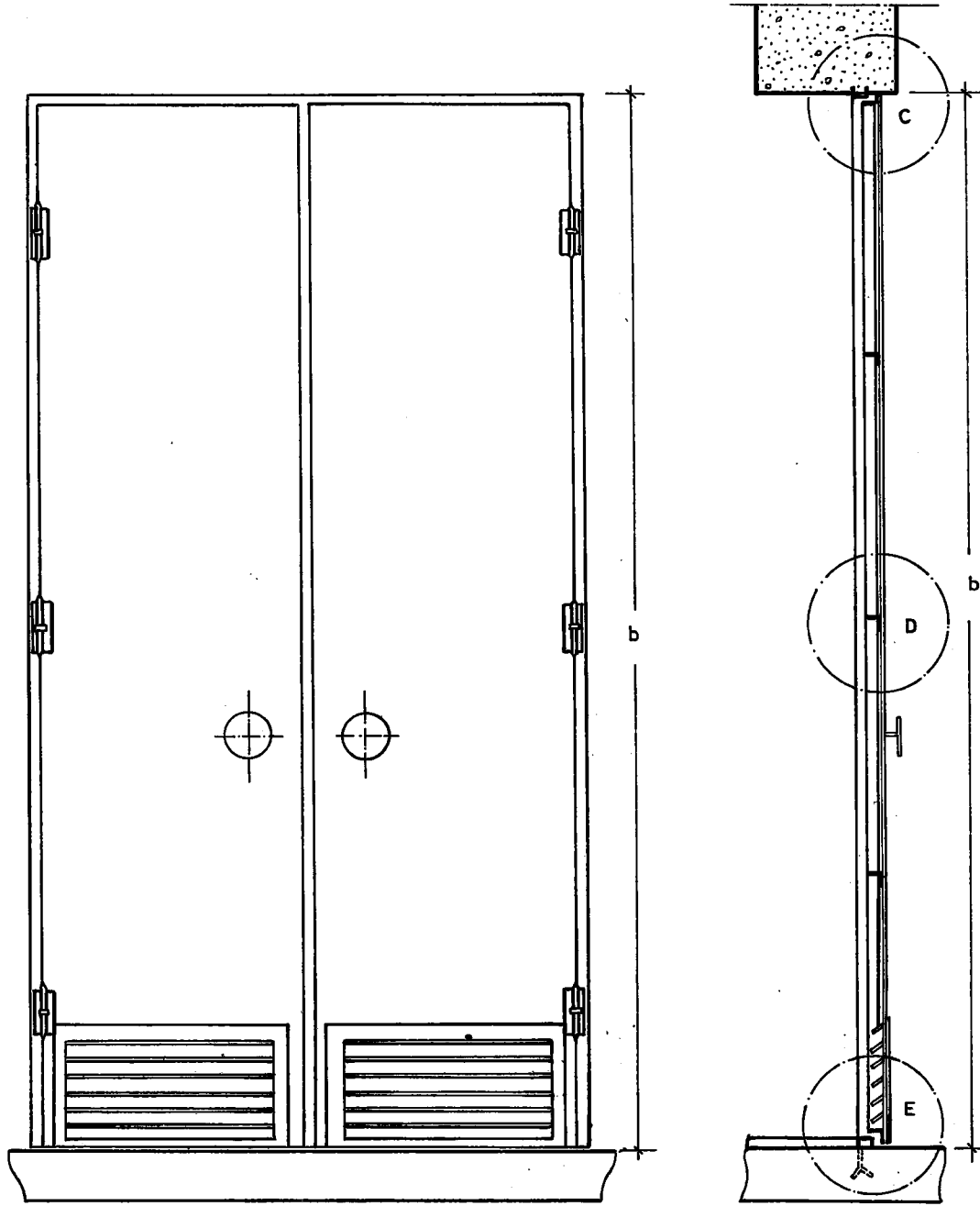
73

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DEĞİŞİKLİK

DEĞİŞİKLİK SEBEBİ					
DEĞİŞİKLİĞE AİT PROJİYİ YAPANIN	ADI VE SOYADI	ÜNVANI	ODA NO.	TARİH	İMZA
				//	
TRAFO BİNALARI KAPI, PENCERE PANCUR, KABLO KANALI, TEL KAFES KAPI V.S DETAY PLÂNLARI					ÖLÇEK:
					NOLU PLÂN İPTÂL EDİLDİ
PROJİYİ YAPAN					NOLU PLÂN İPTÂL EDİLDİ
					İMZA
YÜK.MÜH. HÜSEYİN BODUR ODA NO: 343			8_10_1973	ARŞİV KAYIT NO:	
ÇİZEN: İLKNUR ŞENİZ					

0.50 m.²

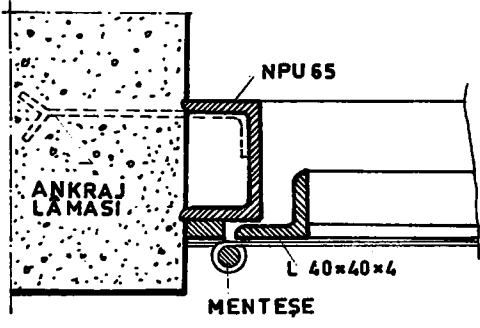


- SEBEKE TRAF0 MERKEZLERİNDE VE TRAF0 KAPISINDA
- SEBEKE TRAFOLARINDA VE GİRİŞ KAPISINDA
- TEVZİ MERKEZLERİNDE VE GİRİŞ KAPISINDA

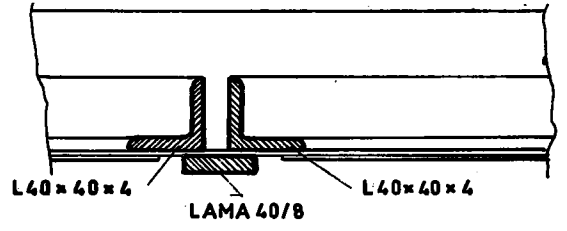
(a) cm.

(b) cm

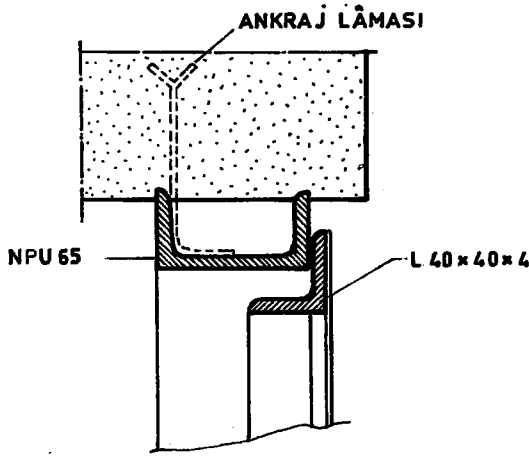
TRAF0 KAPI PLÂNI
ÖLÇEK : 1/15



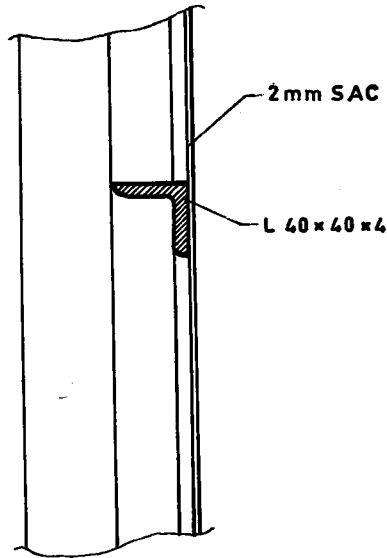
A DETAYI ÖLÇEK: 1/4



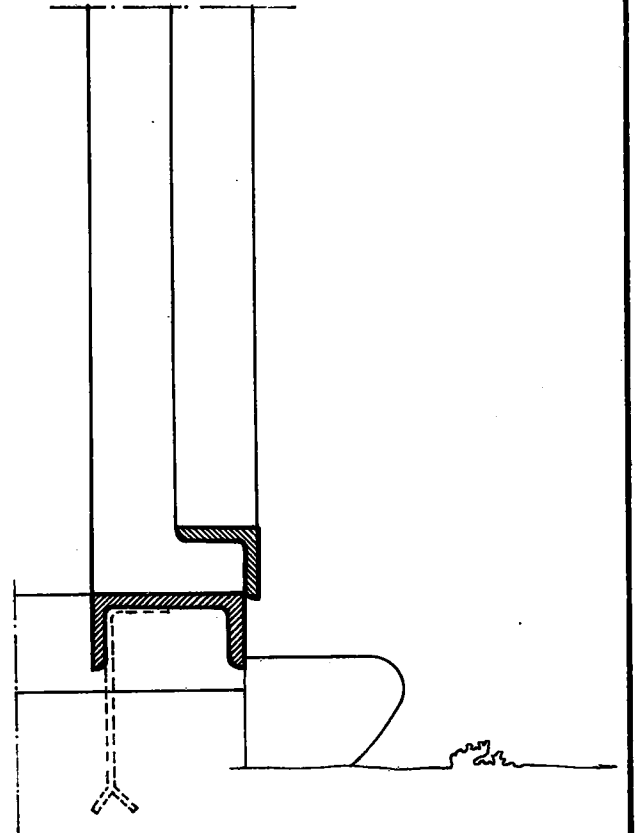
B DETAYI ÖLÇEK: 1/4



C. DETAYI ÖLÇEK: 1/4

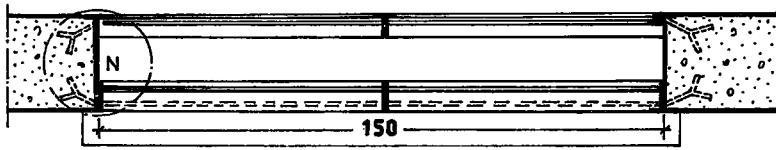
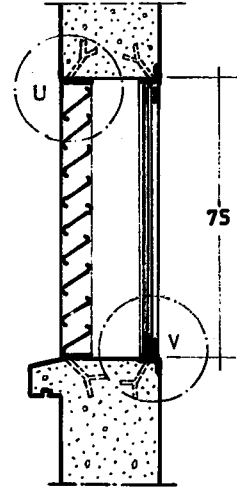
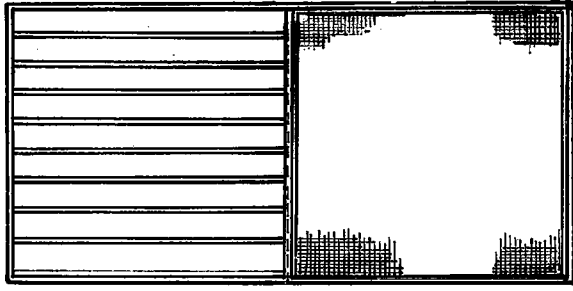


D DETAYI ÖLÇEK: 1/4



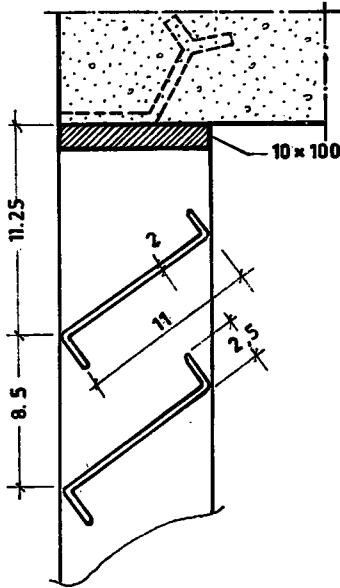
E DETAYI ÖLÇEK: 1/4

TRAFİKO KAPİ DETAYLARI

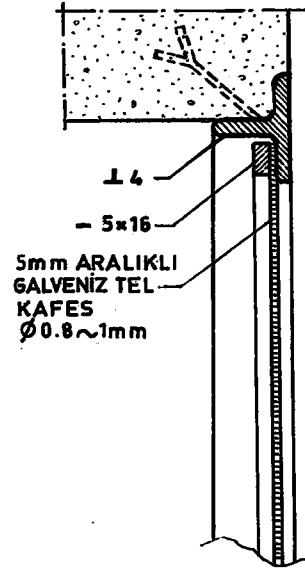


150 x 75 TRAF0 PENCERE TİPİ 0LÇEK: 1/20

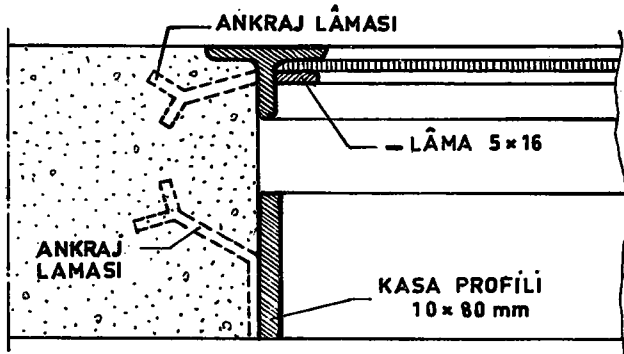
U DETAYI 0LÇEK: 1/4



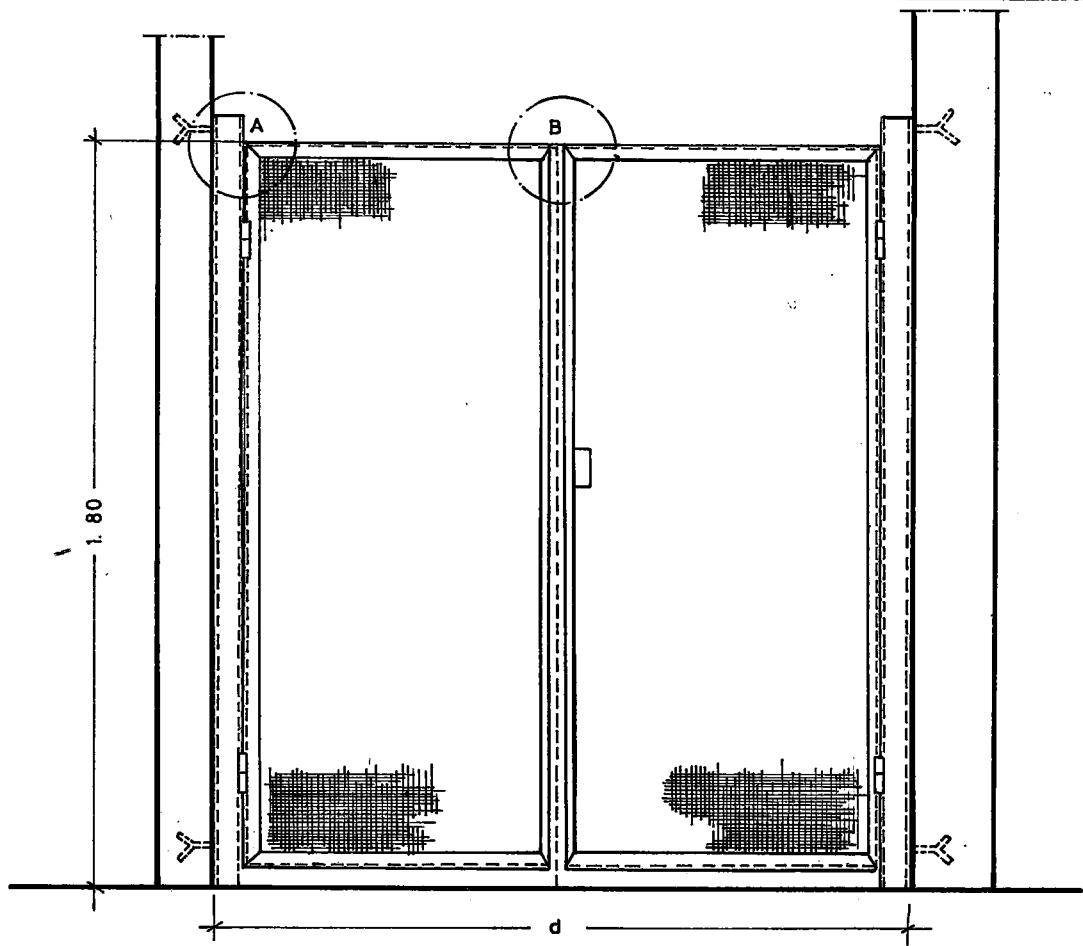
V DETAYI 0LÇEK: 1/4



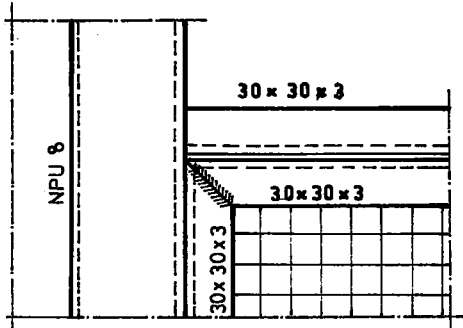
N DETAYI 0LÇEK: 1/4



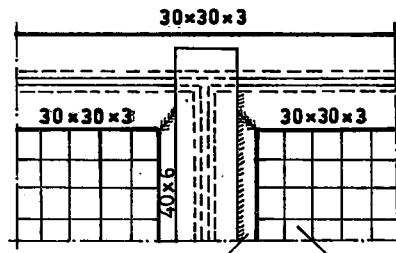
TRAF0 PANCUR PLÂNI VE DETAYLARI



- SEBEKE TRAFOLARINDA VE	30 KV LUK HÜCRELERDE	180 İLA 187
- " " "	15 KV LUK "	120 İLA 131
- ANA TRAFÖ MERKEZLERİ VE	30 KV LUK " cm.
- " " " "	15 KV LUK " cm.

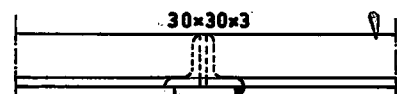
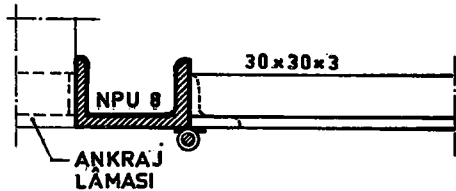


A DETAYI ÖLÇEK: 1/5

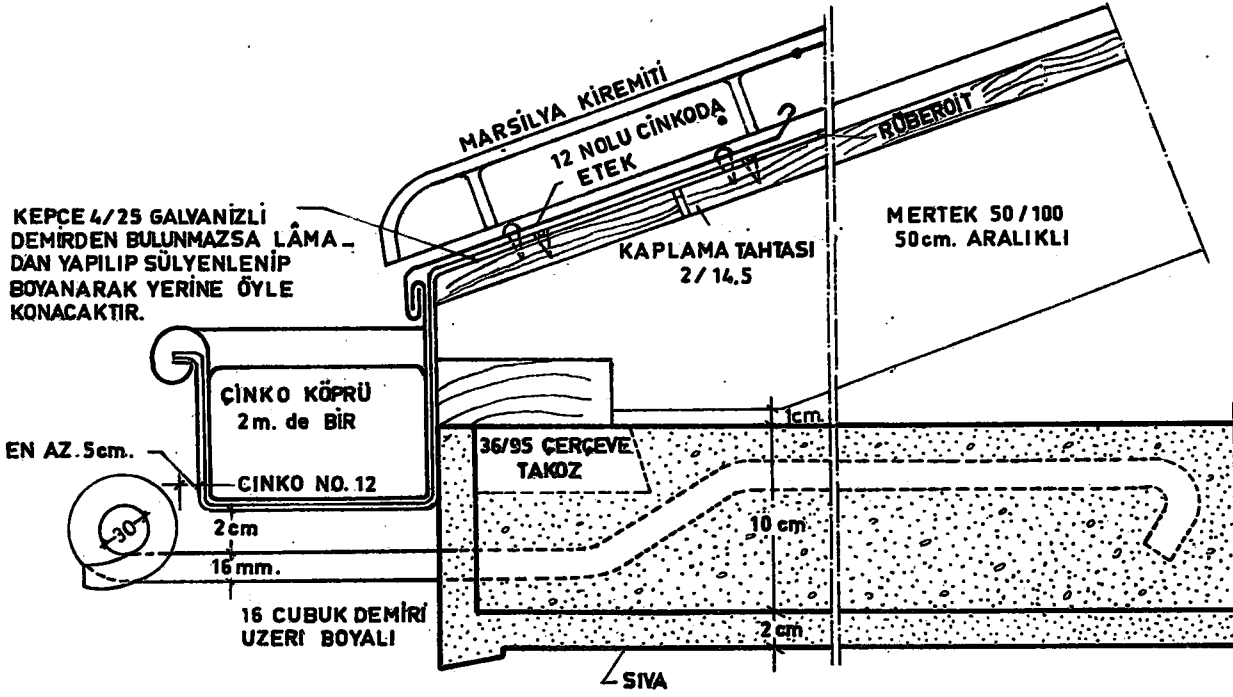


B DETAYI ÖLÇEK: 1/5

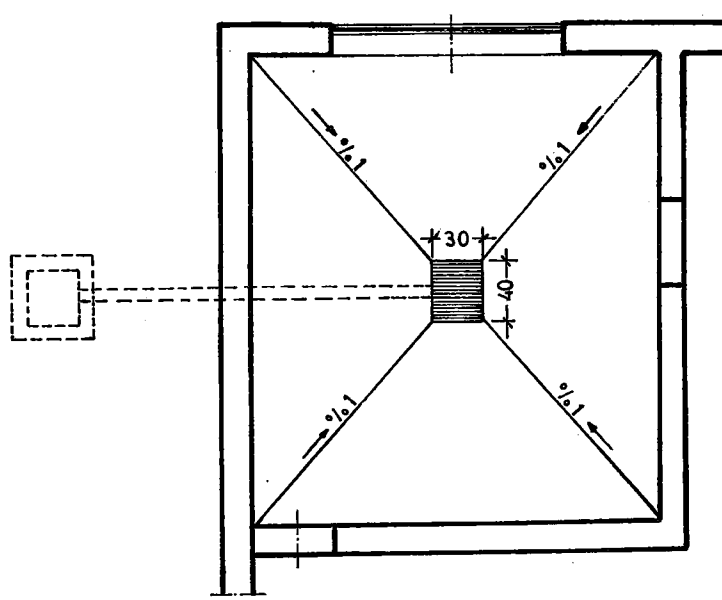
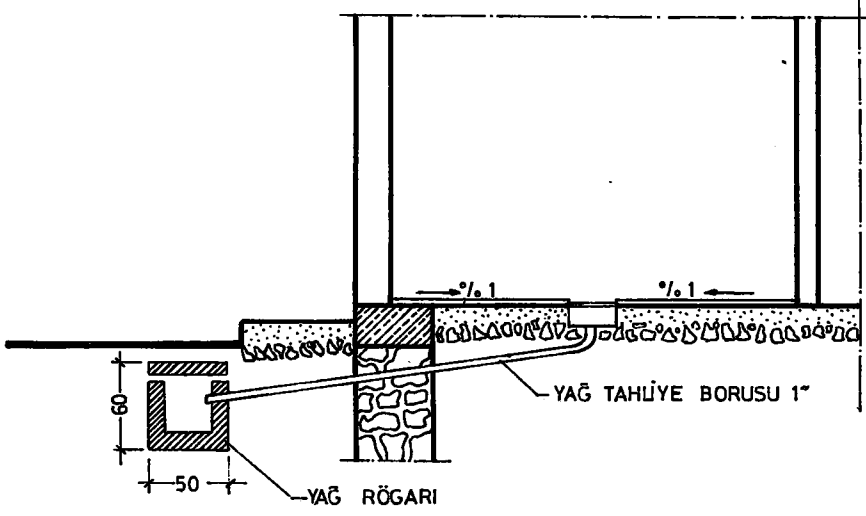
30 mm ARALIKLI
3 mm. KALINLIĞINDA
KAFES TELİ



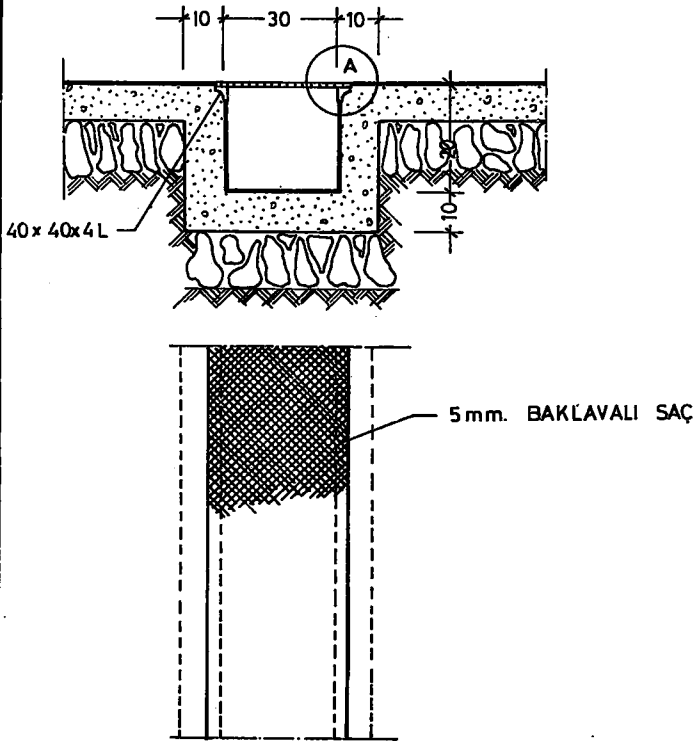
TEL KAFES KAPILAR VE DETAYLARI



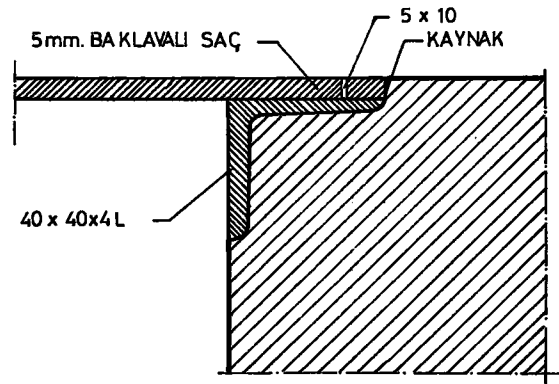
ÇATI DETAYI
ÖLÇEK: 1/4



TRAFÖ YAG ÇUKURU DETAYI
ÖLÇEK:1/50

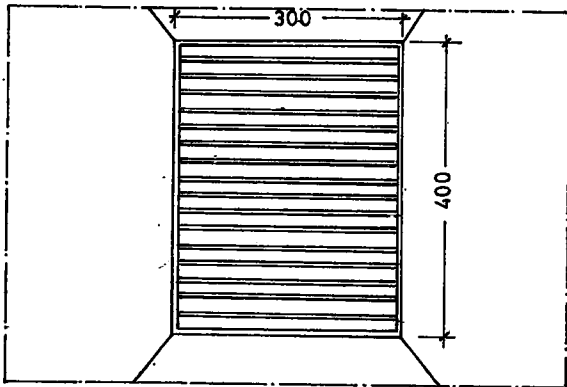
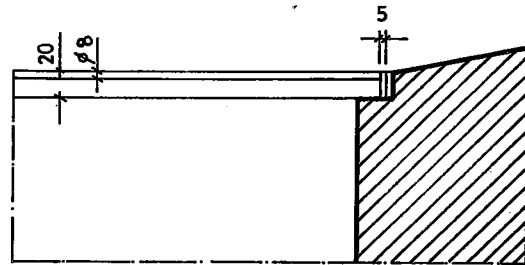
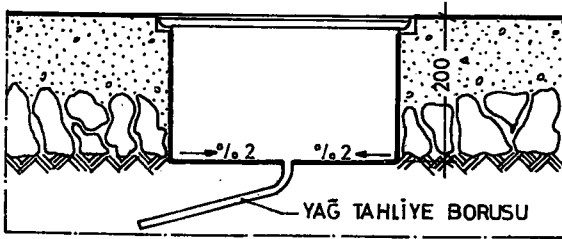


KABLO KANALI DETAYI

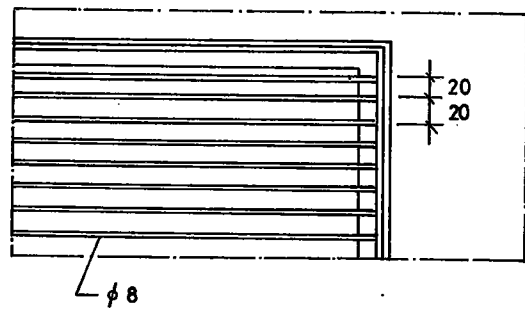


A DETAYI ÖLÇEK: 1/2,5

KABLO KANALI DETAYI



YAĞ ÇUKURU DETAYI ÖLÇEK: 1/10



IZGARA DETAYI ÖLÇEK: 1/5

YAĞ ÇUKURU DETAYI