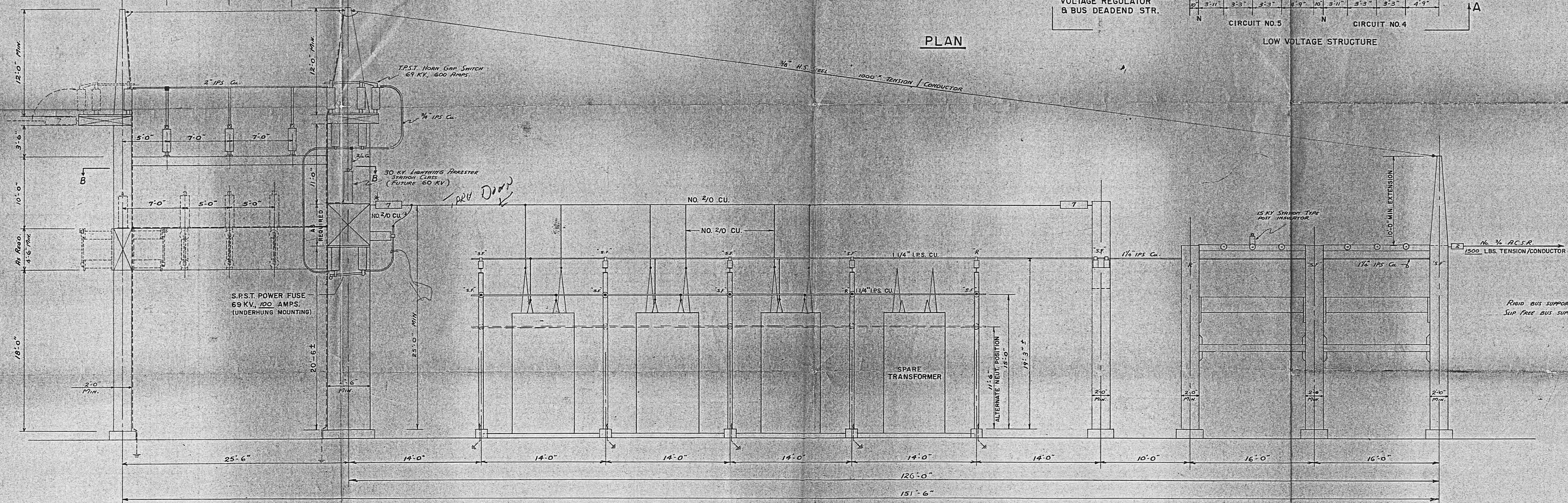
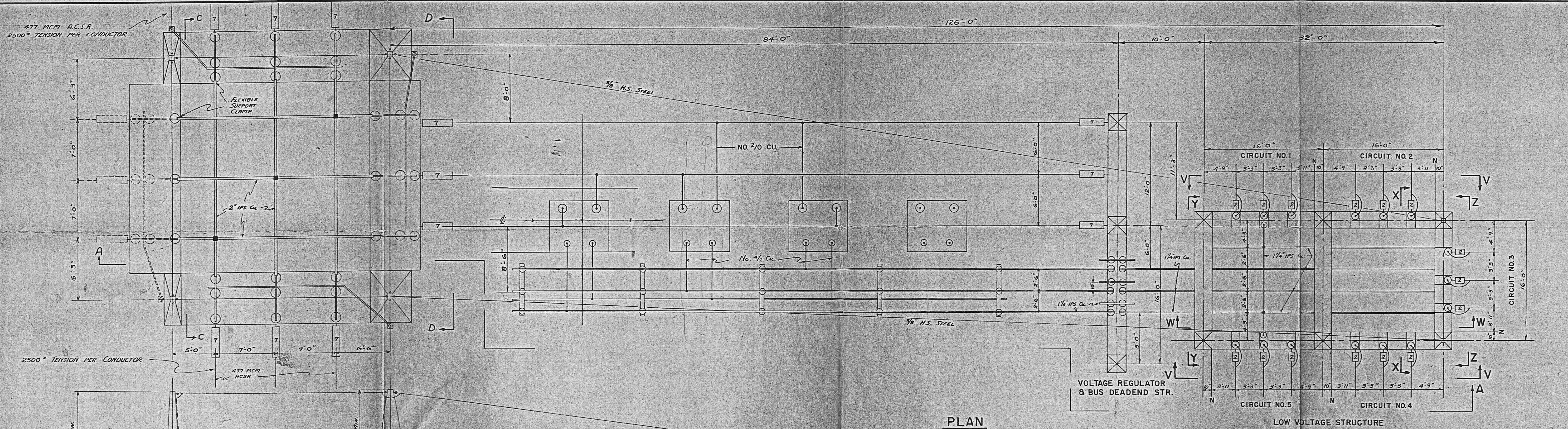
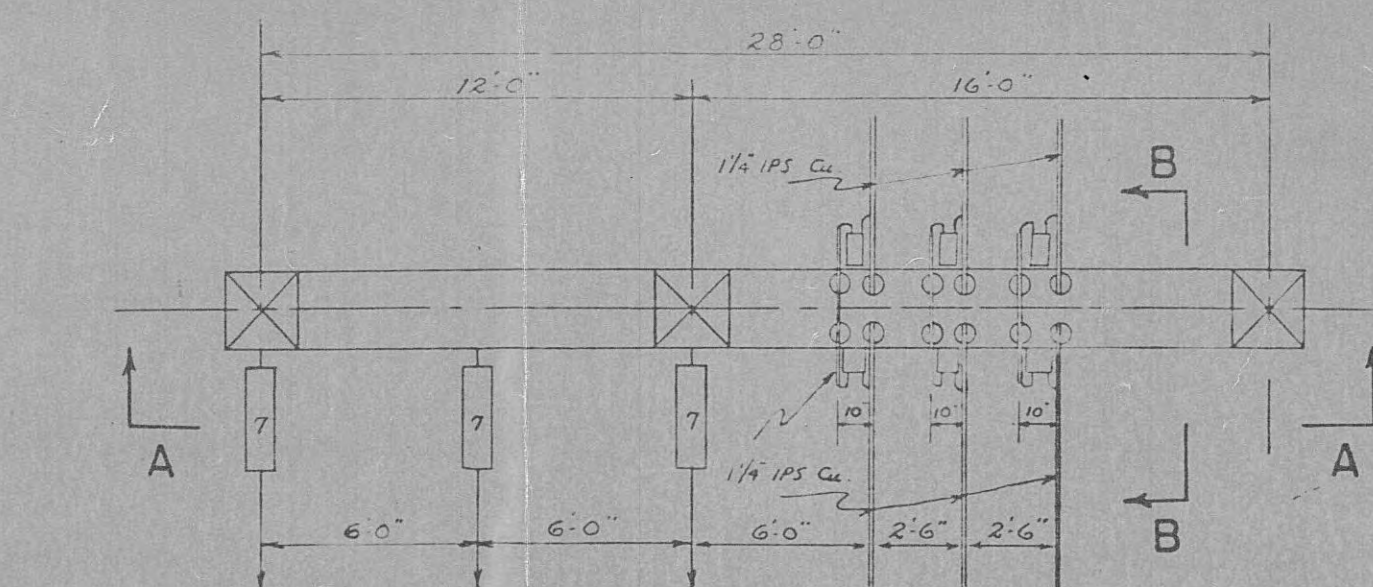
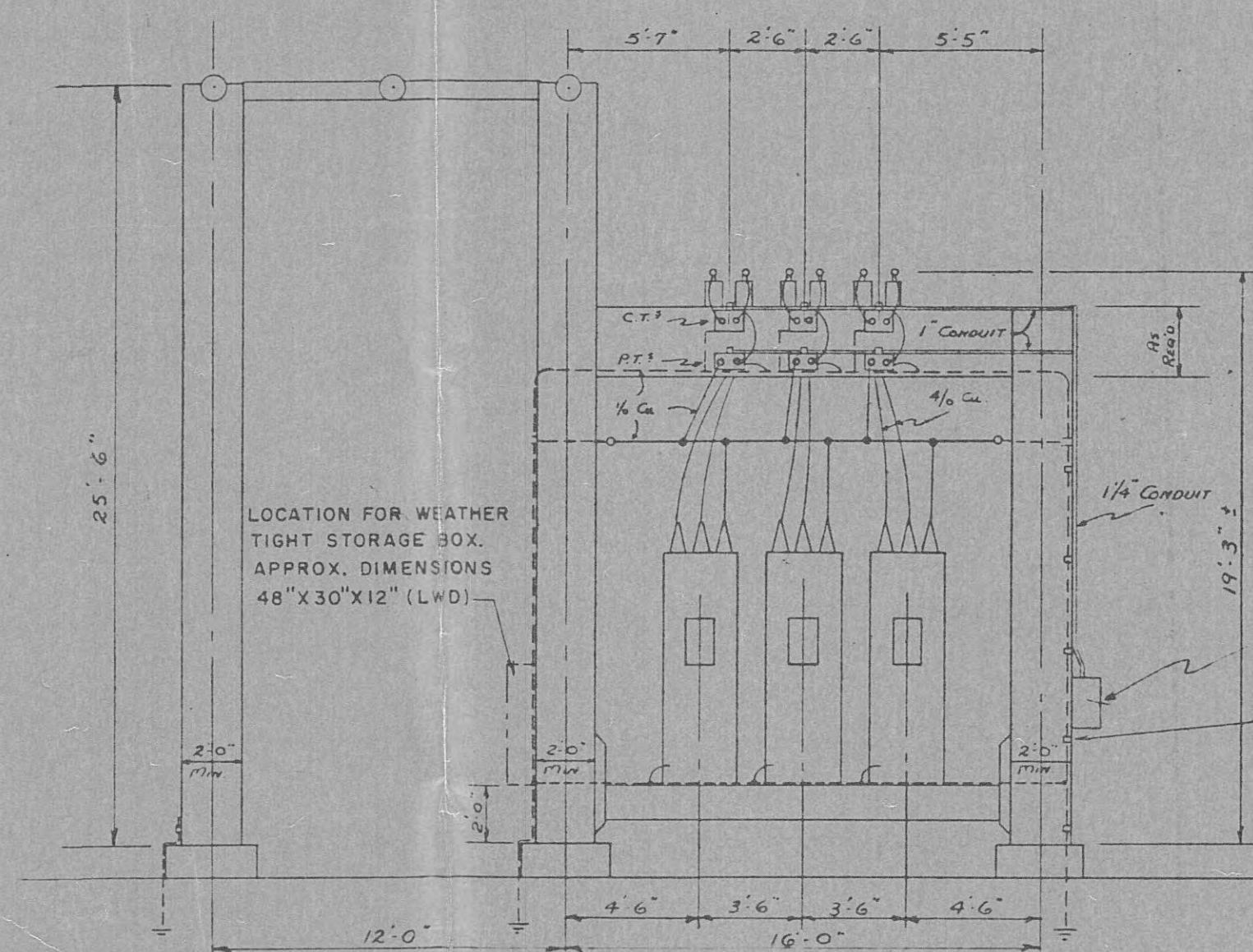




DATE	REVISIONS	NO.
CLAY ELECTRIC COOP. INC. KEYSTONE HGTS., FLA.		
OUTDOOR SUBSTATION 69-72/12.5 KV		
GENERAL ARRANGEMENT		
BROOKER SUBSTATION		
E. P. MCLEAN ENGINEERING CO.		MOULTRIE, GA.
SCALE: 3/16" = 1' - 0"	DWG: J.L.F.	DRAWING NO.
DATE: DEC. 1964	OK'D: E.J.M.	F14-529
		SHEET 1 OF 5

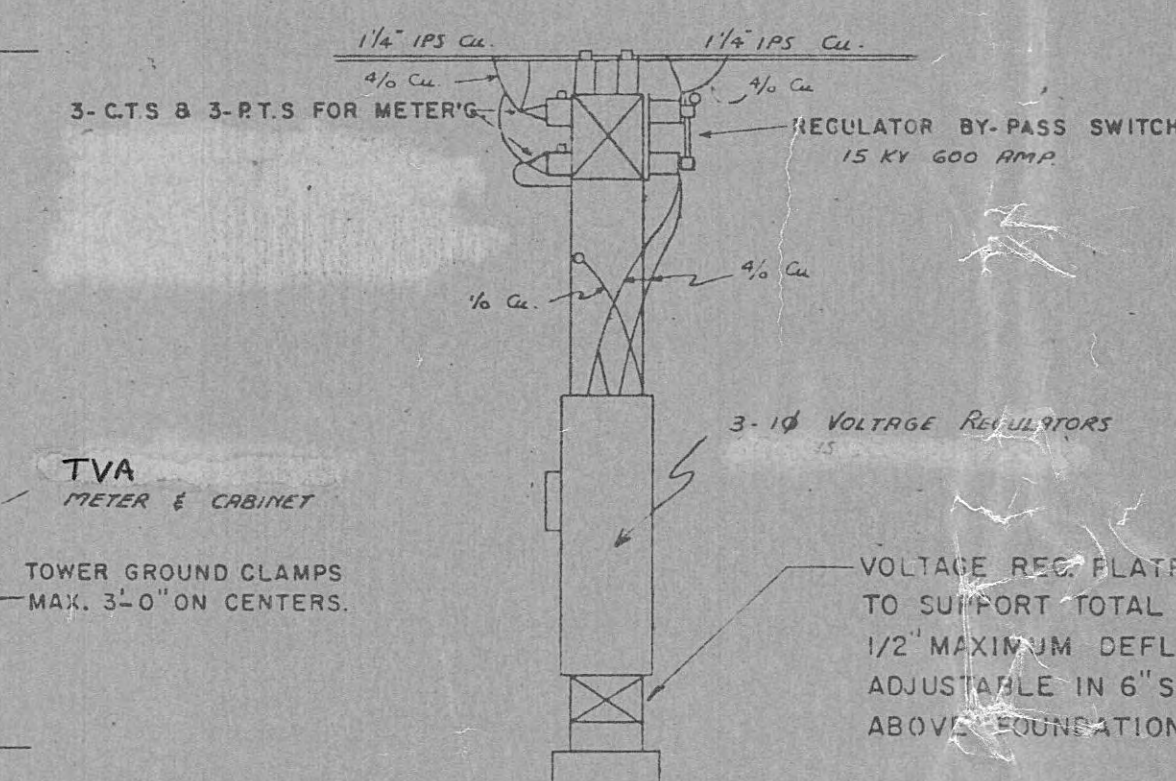


PLAN

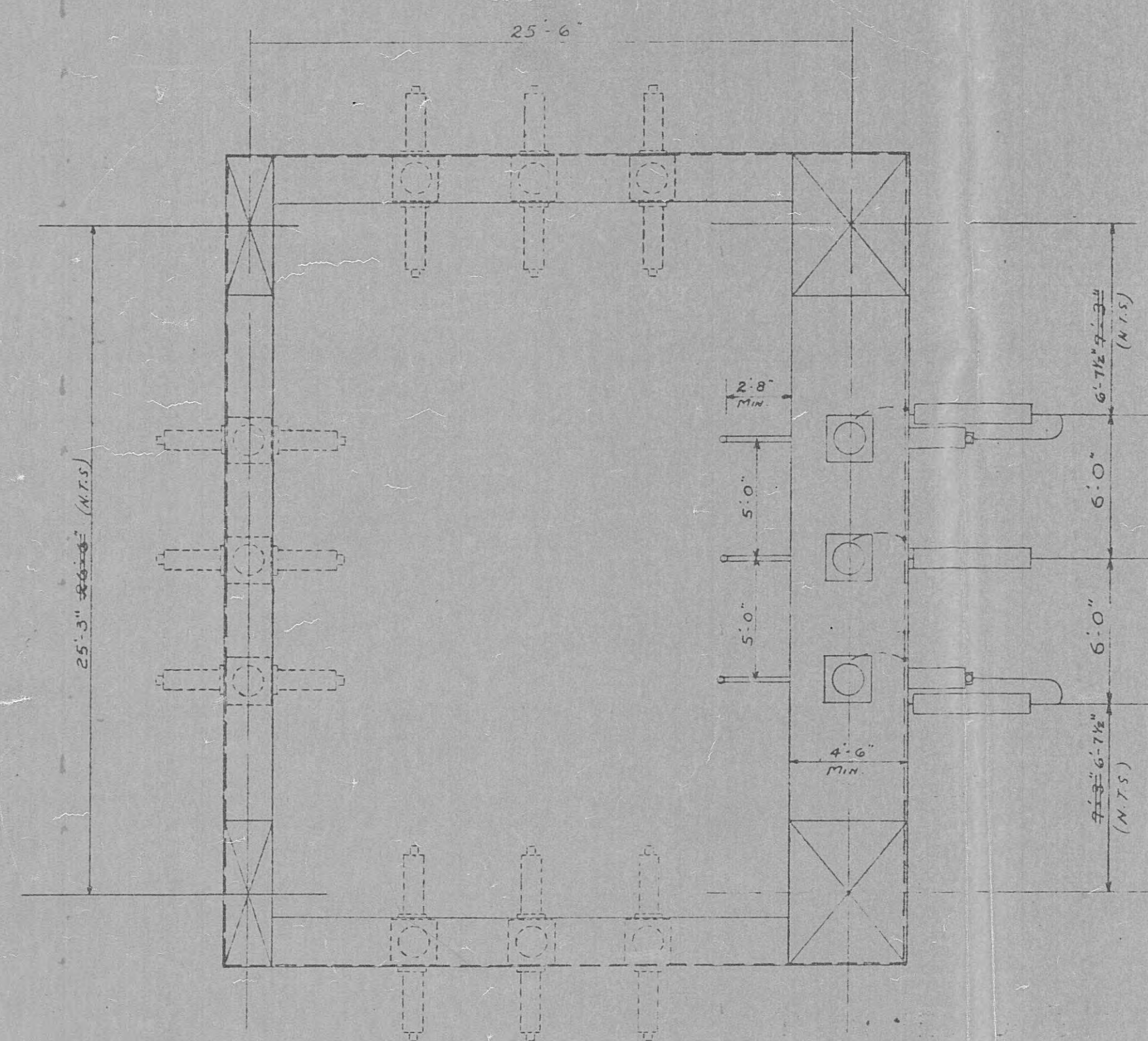


ELEVATION A-A

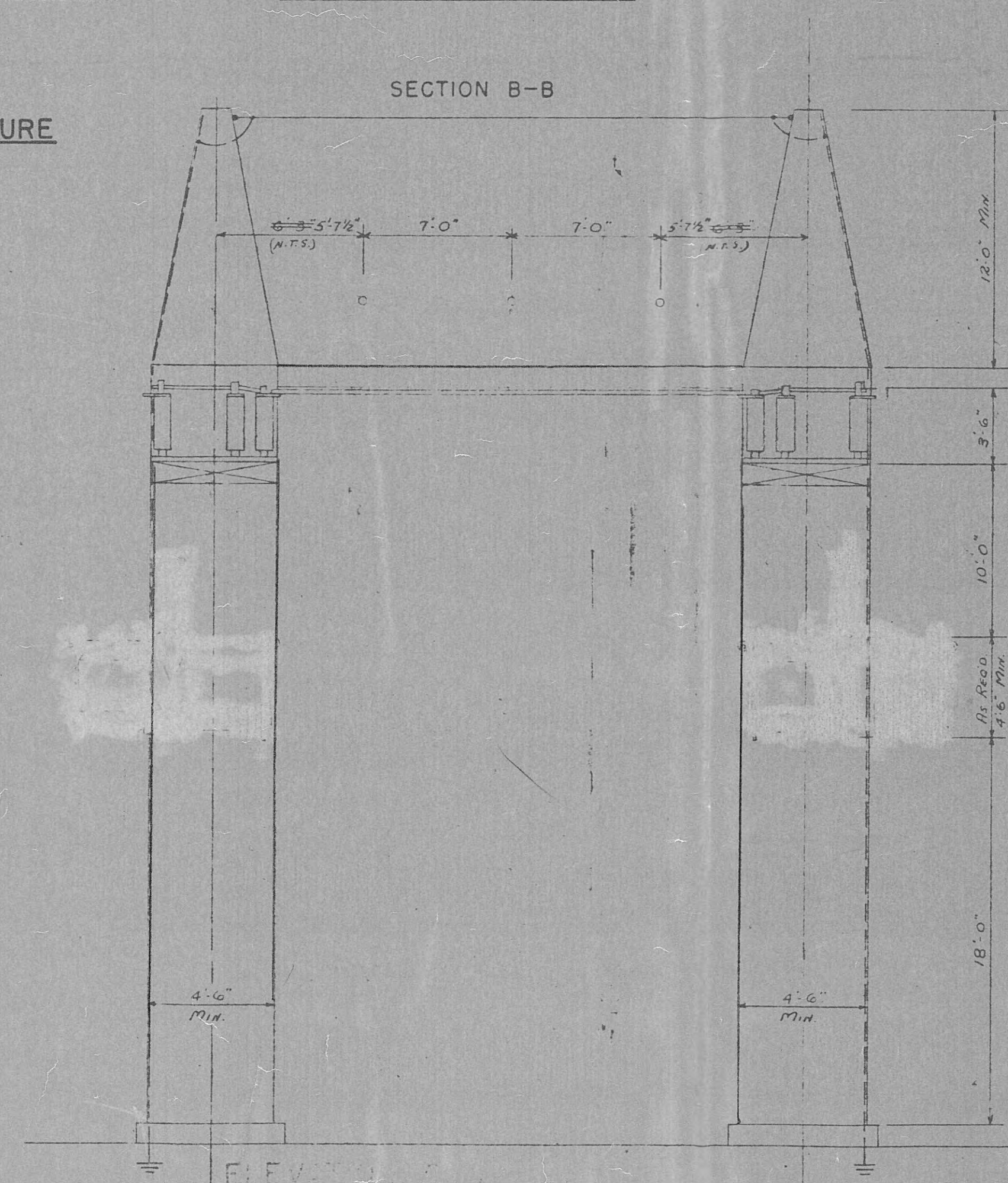
VOLTAGE REGULATOR & BUS DEADEND STRUCTURE



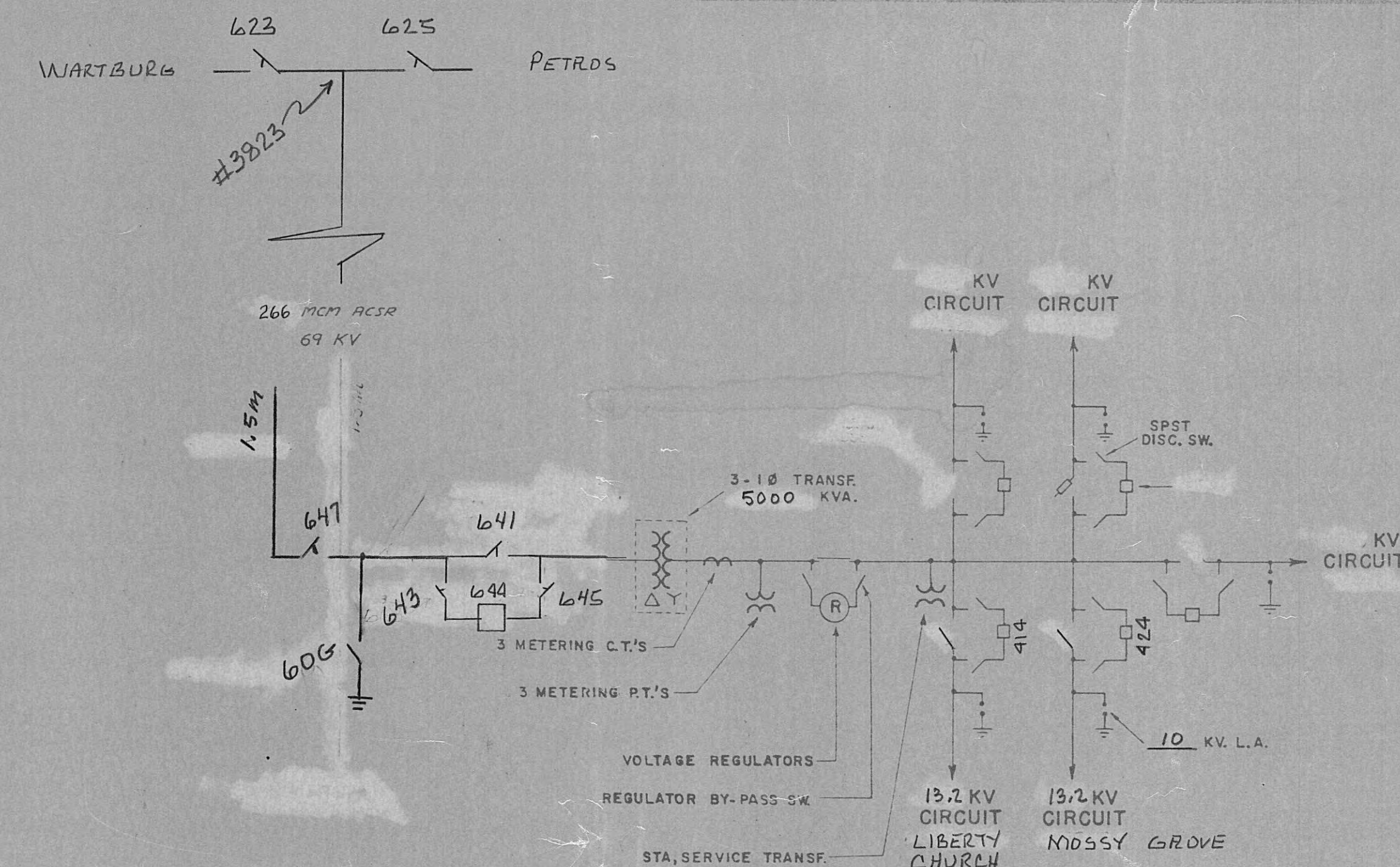
SECTION B-B



ELEVATION B-B
SEE SHEET 1 OF 5

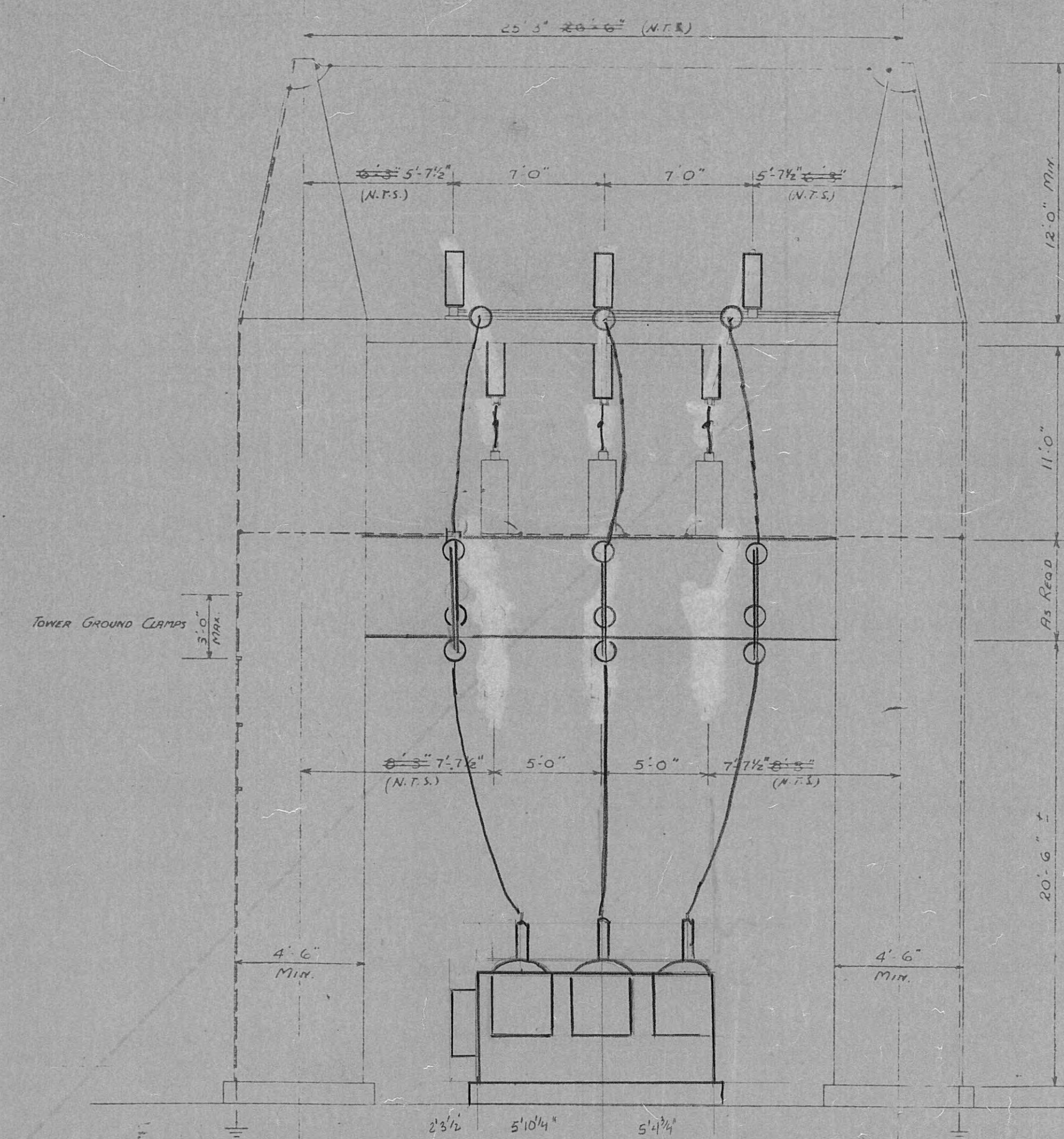


ELEVATION C-C
SEE SHEET 1 OF 5



ONE LINE DIAGRAM

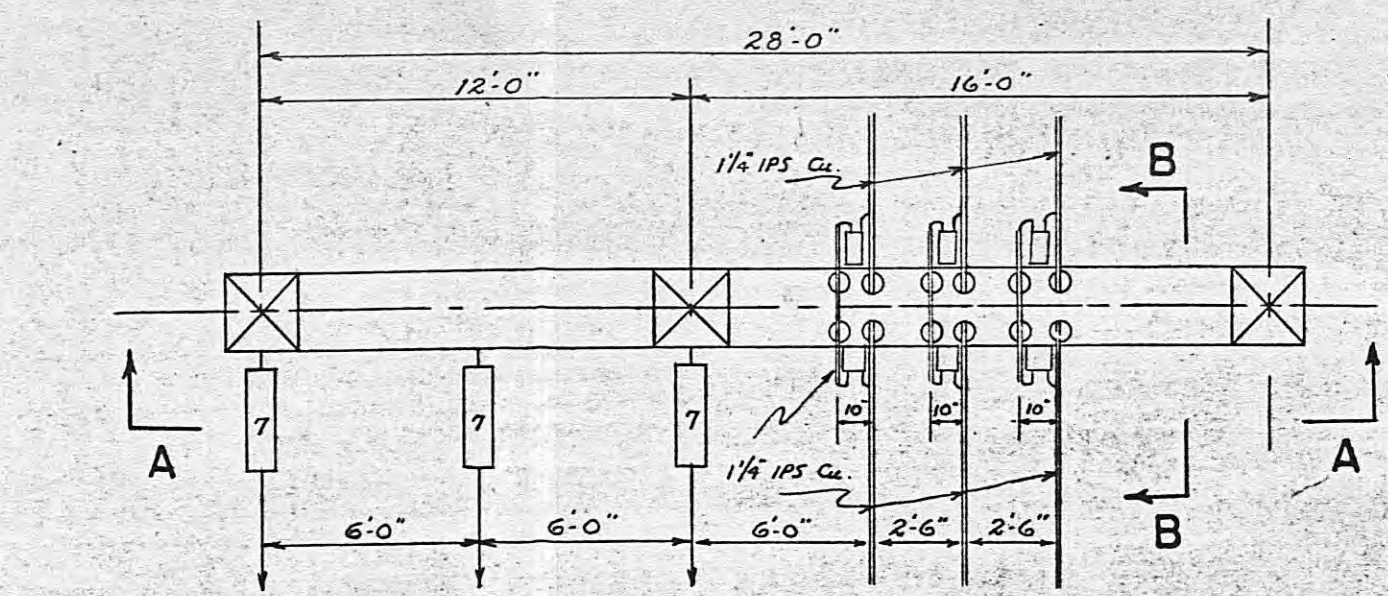
(See Sheet 3 of 5 for Low Voltage Circuits to be Equipped)



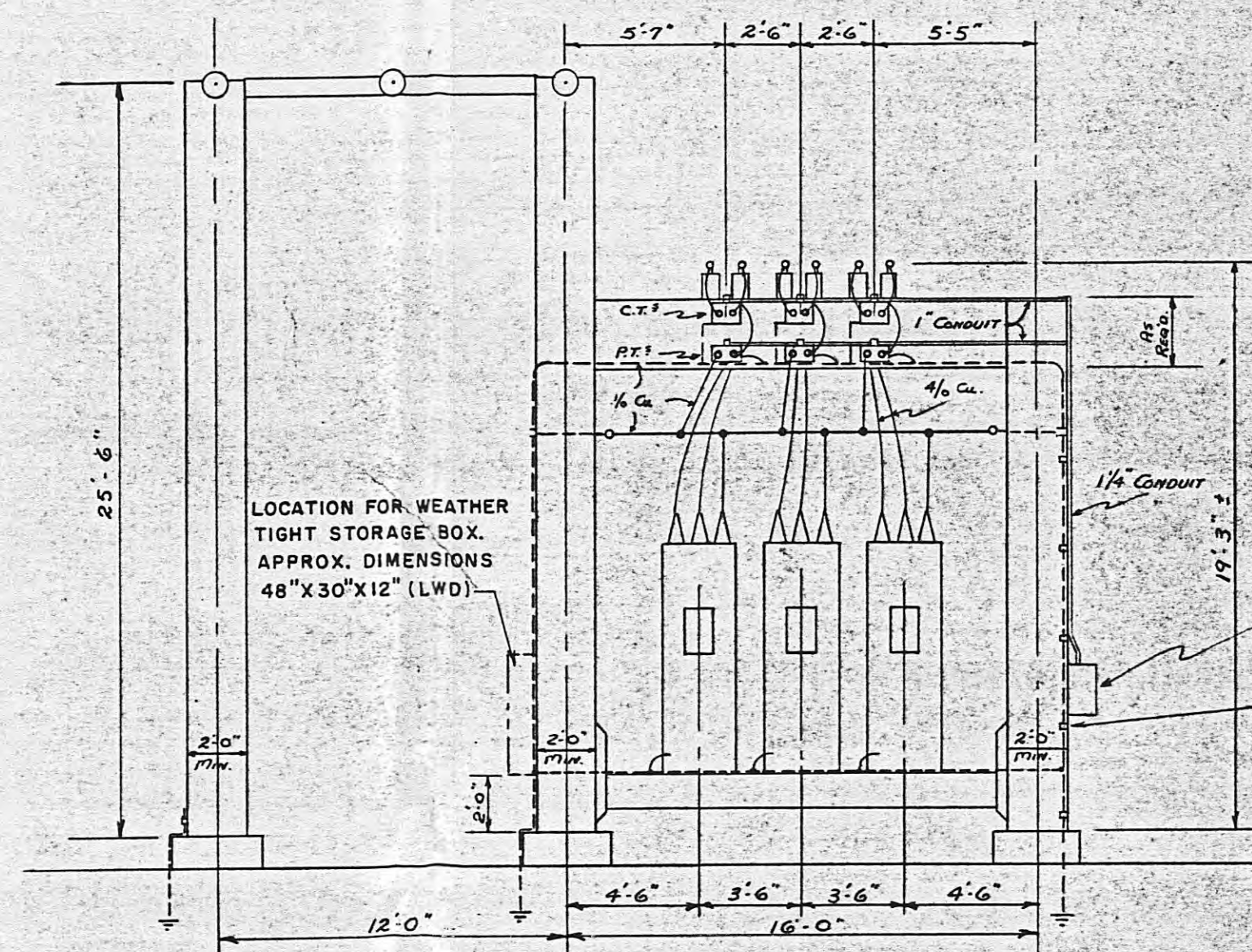
ELEVATION D-D
SEE SHEET 1 OF 5

AS CONSTRUCTED

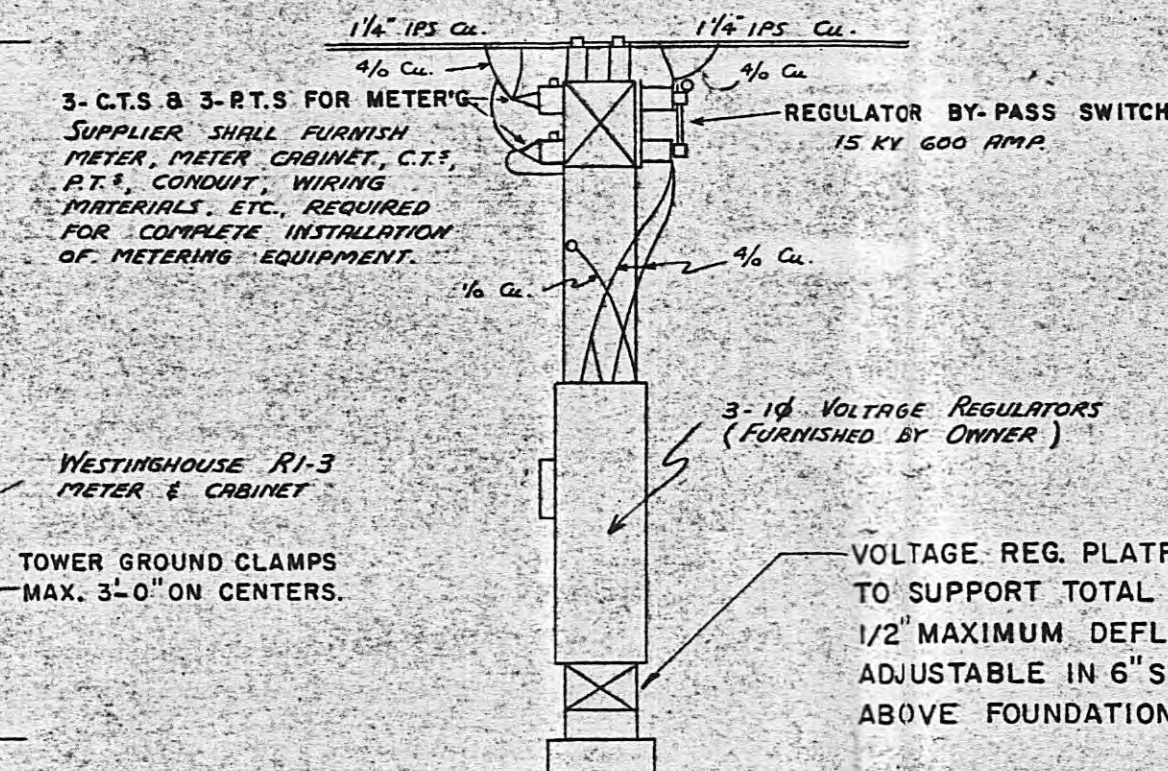
11-15-69	SINGLE LINE	RHH
DATE	REVISIONS	NO.
HARRIMAN UTILITY BOARD		
HARRIMAN, TN 37748		
HIGH VOLTAGE STRUCTURE		
MOSSY GROVE SUB. 69/13 KV		
SCALE 3/16" = 1'-0"	DRAWING NO.	
DATE	F14-529	
	SHEET 2 OF 5	



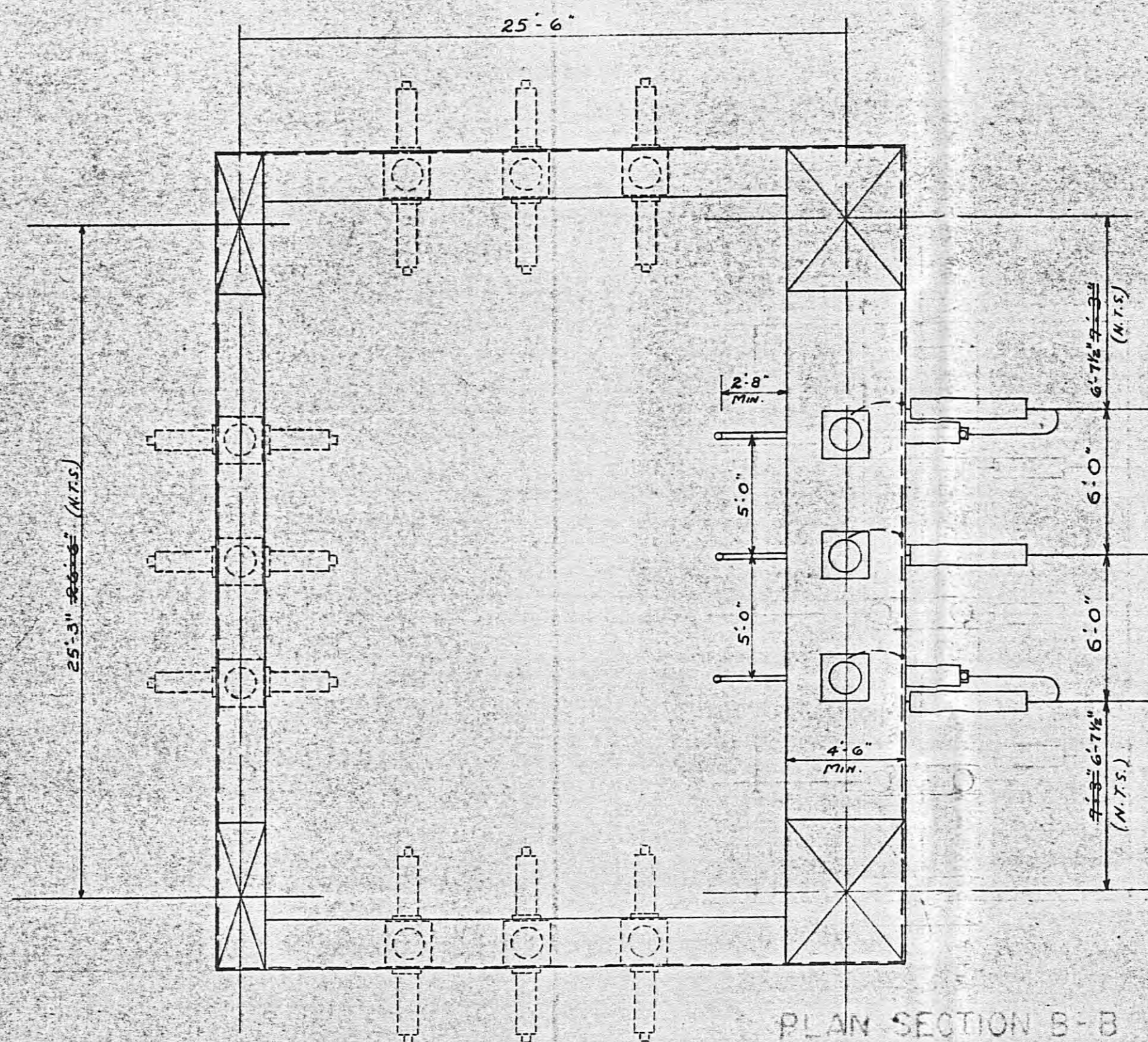
PLAN



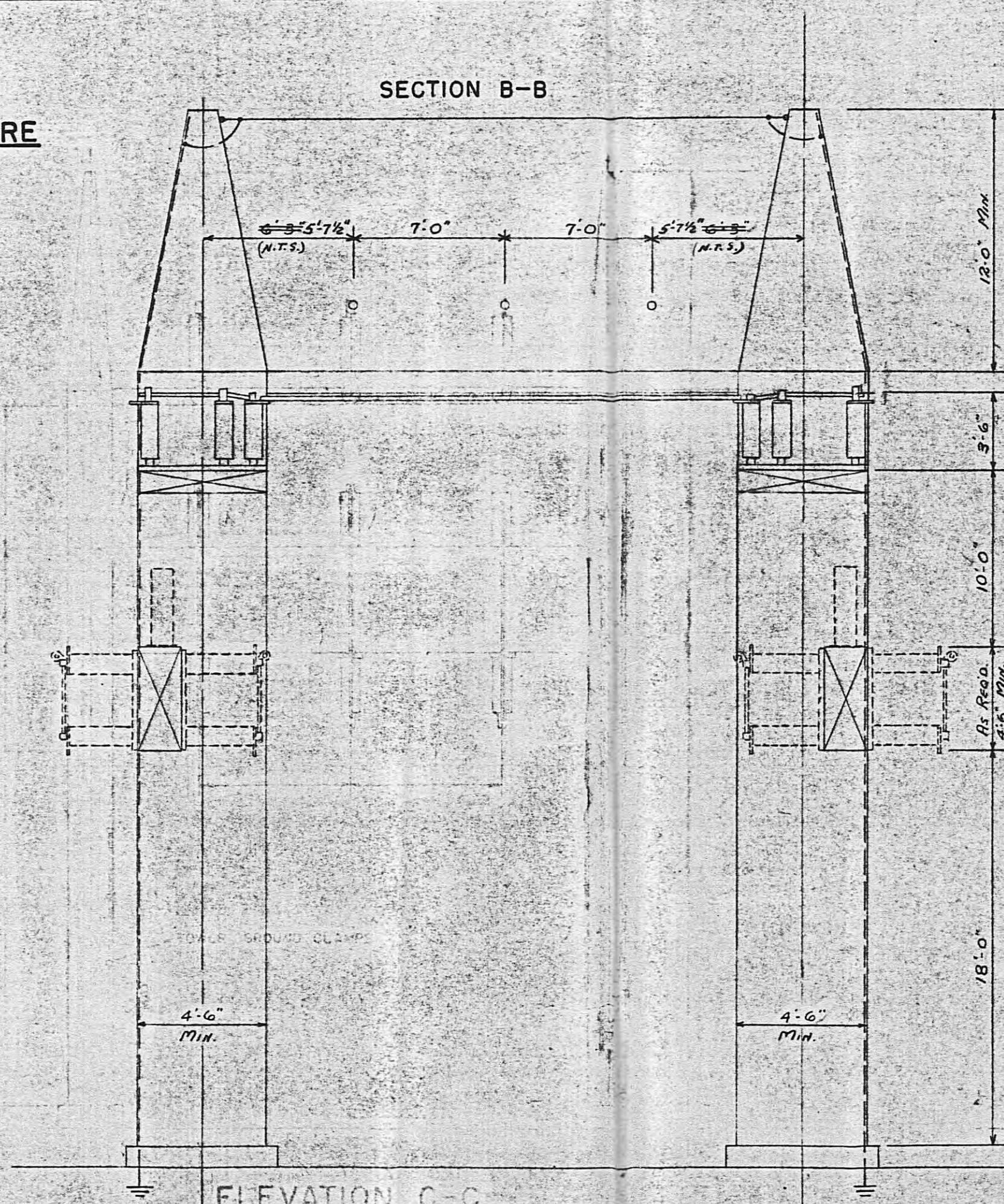
ELEVATION A-A
VOLTAGE REGULATOR & BUS DEADEND STRUCTURE



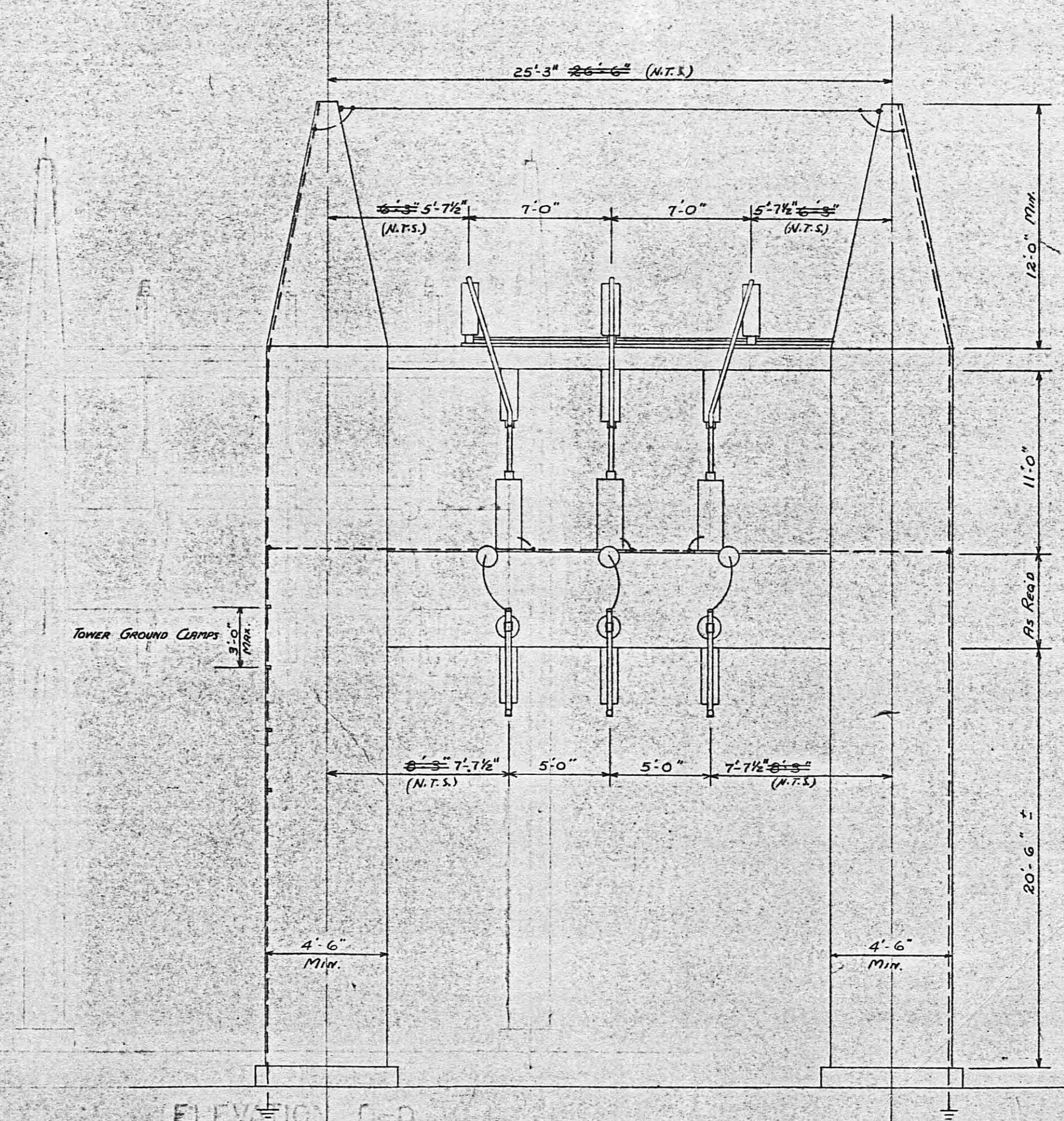
SECTION B-B



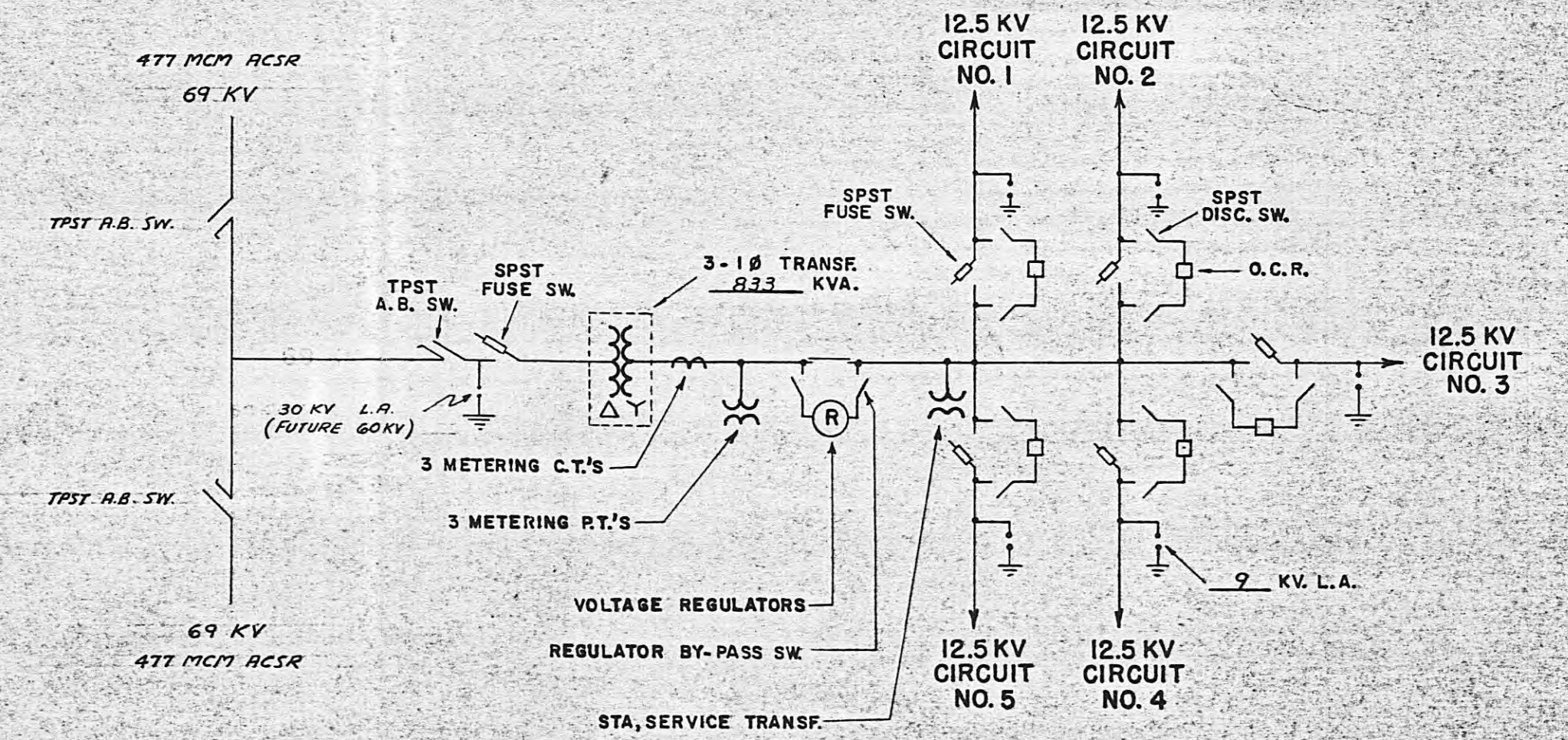
ELEVATION B-B
SEE SHEET 1 OF 5



ELEVATION C-C
SEE SHEET 1 OF 5



ELEVATION D-D
SEE SHEET 1 OF 5



ONE LINE DIAGRAM
(See Sheet 3 of 5 for Low Voltage Circuits to be Equipped)

AS CONSTRUCTED

DATE	REVISIONS	NO.
CLAY ELECTRIC COOP. INC.	KEYSTONE HGT. FLA.	
OUTDOOR SUBSTATION 69-12.5 KV	HIGH VOLTAGE & REGULATOR STRUCTURES	
BROOKER SUBSTATION		
E. P. McLEAN ENGINEERING CO.	MOULTRIE, GA.	
SCALE: 3/16" = 1'-0"	DWG: J.L.F.	DRAWING NO.
DATE: Dec. 1964	OK'D: E.J.M.	F14-529
		SHEET 2 OF 5



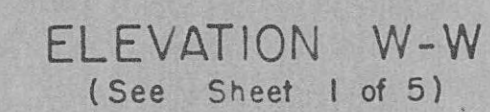
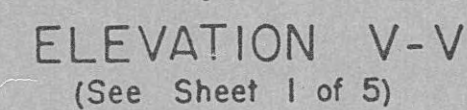
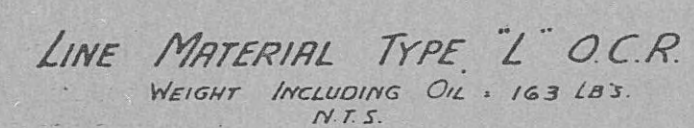
7.2/12.5 KV CIRCUITS TO BE EQUIPPED AS FOLLOWS:

CIRCUIT NO.	EQUIP FOR
1	30
2	30
3	30
4	FUTURE
5	FUTURE

1. ALL CIRCUITS SHALL BE DESIGNED AND FABRICATED FOR 30 CIRCUITS
2. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS ON EQUIPMENT TO BE FURNISHED
3. ALL OUTGOING CIRCUITS ARE NO. 3/0 *ACSR*

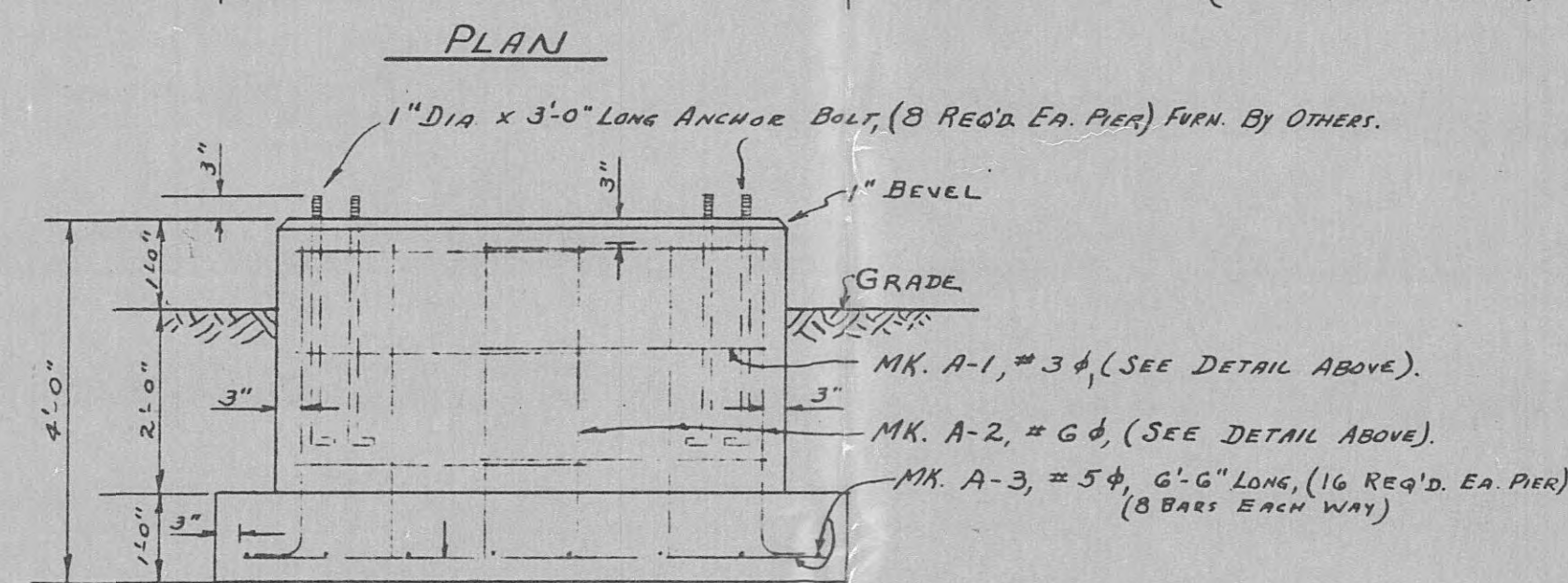
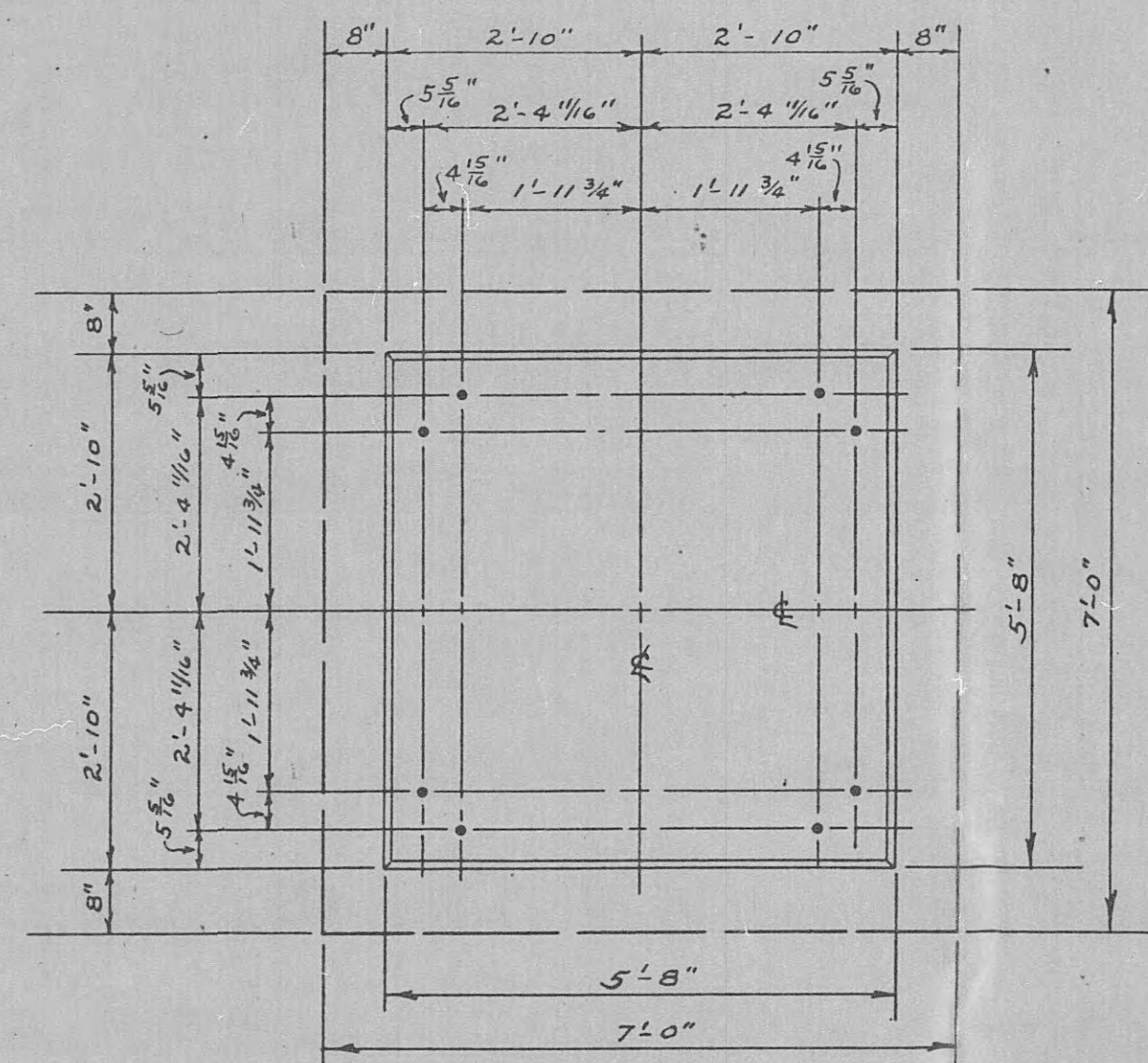
AS CONSTRUCTED

DATE	REVISIONS		NO.
CLAY ELECTRIC COOP INC. KEYSTONE HGTS. FLA.			
OUTDOOR SUBSTATION 69-72/12.5 KV.			
LOW VOLTAGE STRUCTURES			
BROOKER SUBSTATION			
E. P. MCLEAN ENGINEERING CO.			MOULTREE, GA.
SCALE: 3/16" = 1'-0"	DWS: J.L.F.		DRAWING NO.
DATE: DEC. 1964	OK'D: E. J. M.		F14 529 SHEET 3 OF 5

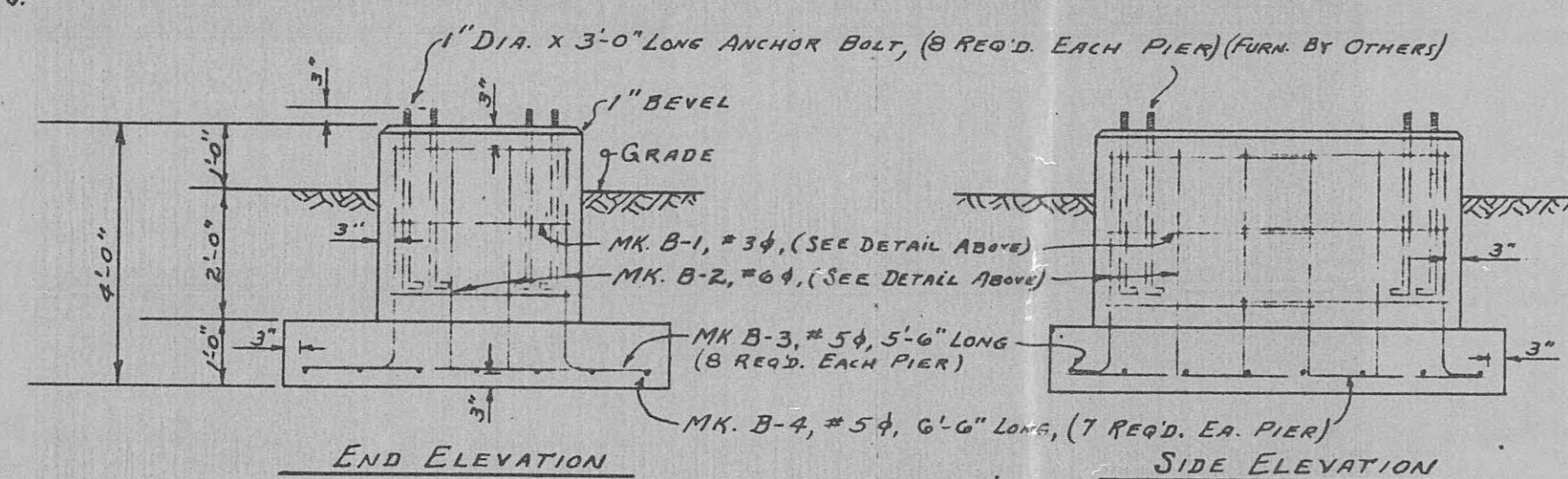
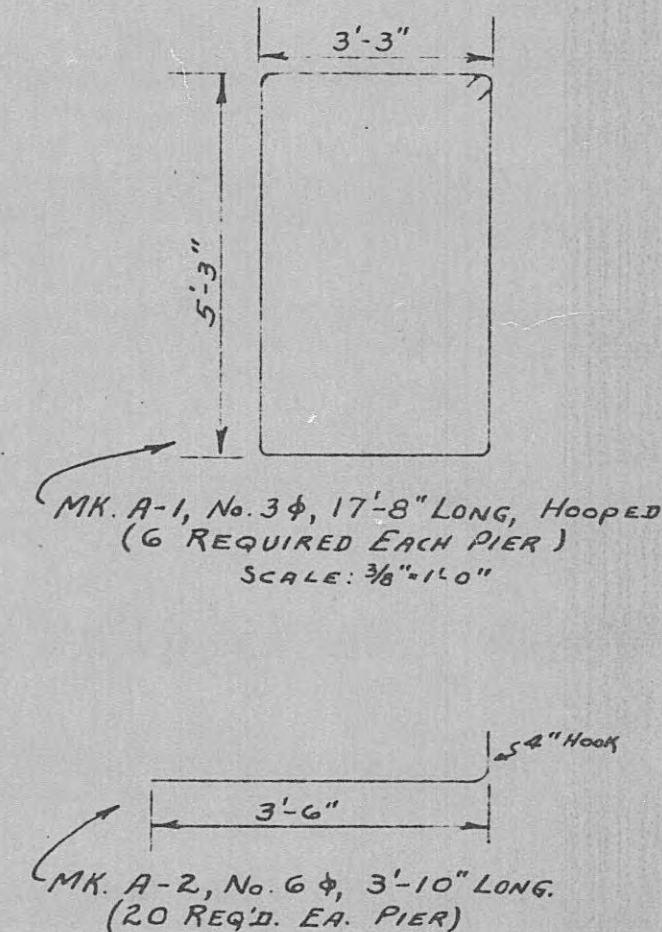


1. ALL CIRCUITS SHALL BE DESIGNED AND FABRICATED FOR 3 Ø CIRCUITS
2. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS ON EQUIPMENT TO BE FURNISHED
3. ALL OUTGOING CIRCUITS ARE NO. ^{3/0}

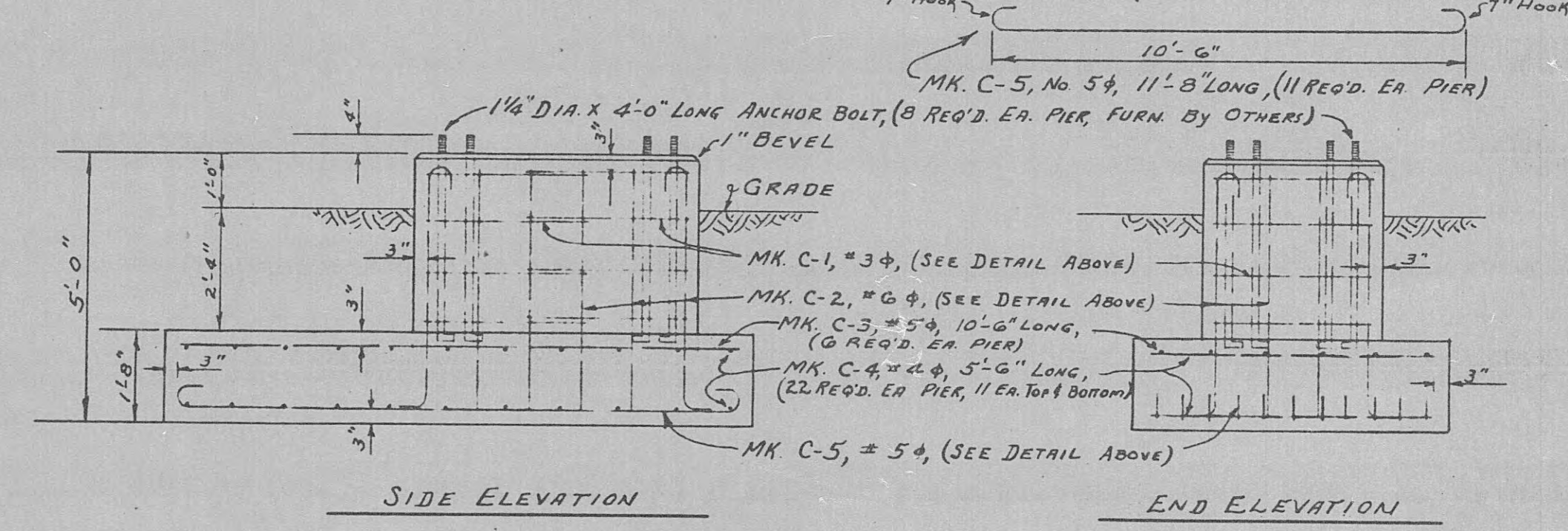
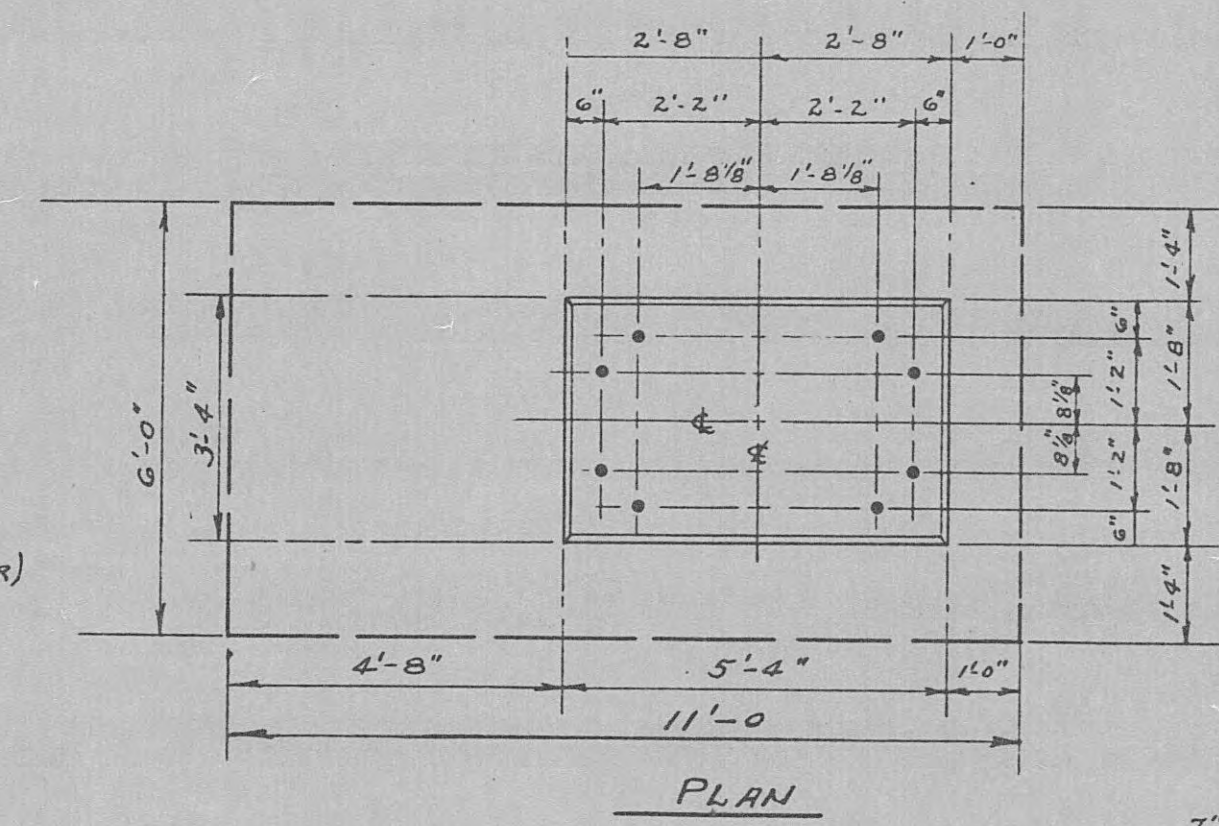
DATE	REVISIONS
HARRIMAN UTILITY BO	
HARRIMAN, TN. 37748	
MOSSY GROVE SUB. 69	
LOW VOLTAGE STRUCT	
SCALE: 3/16" = 1'-0"	DWG. NO.
DATE:	OK:



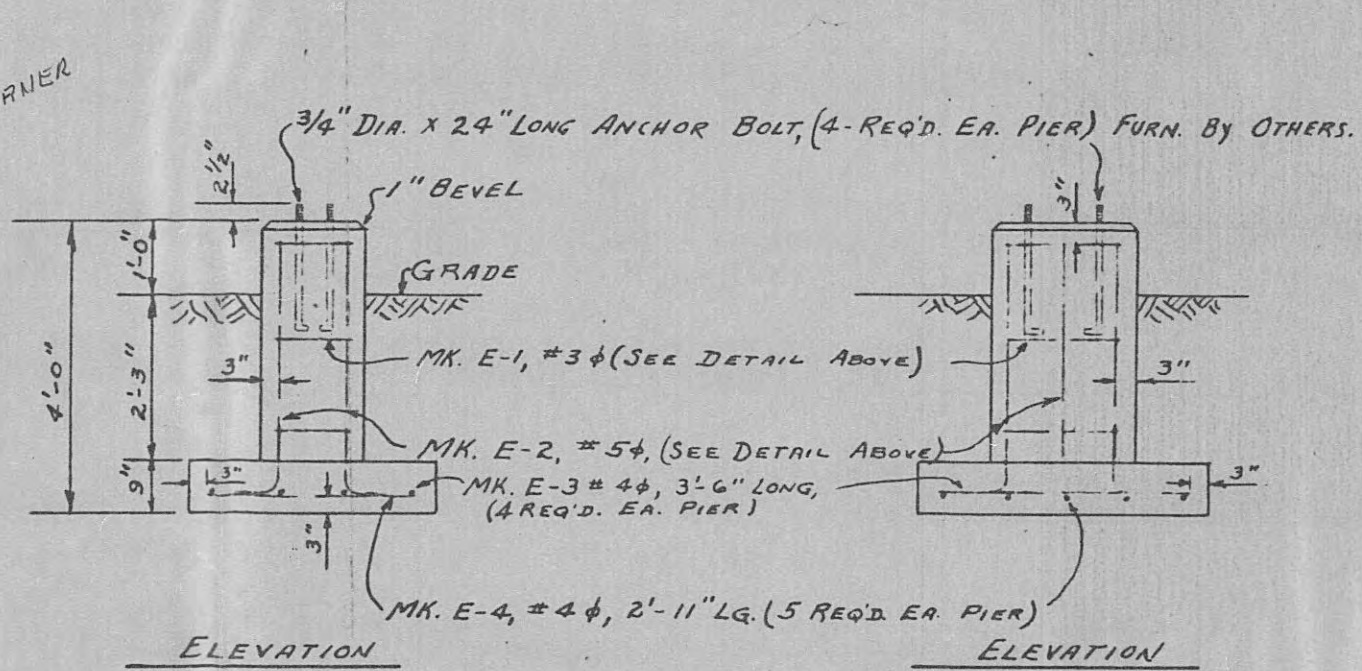
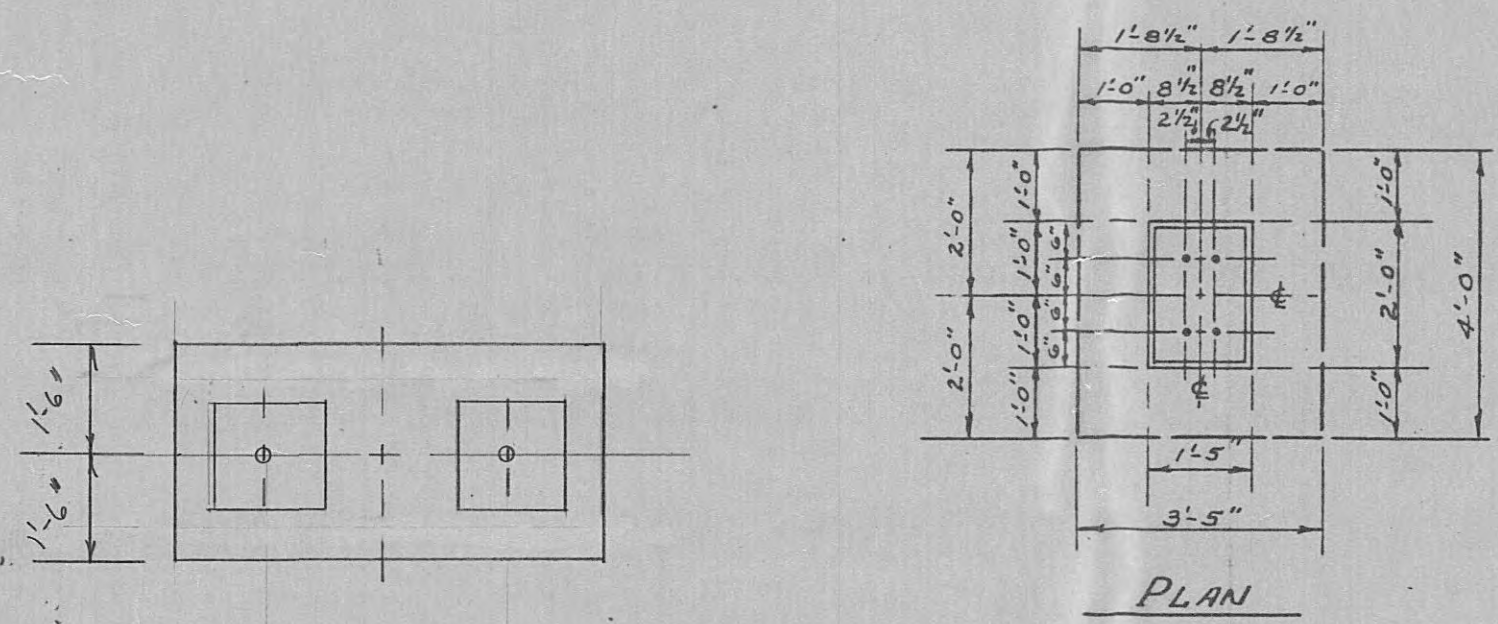
DETAIL OF PIER "A" (2-REQUIRED)
SCALE: 1/2" = 1'-0"



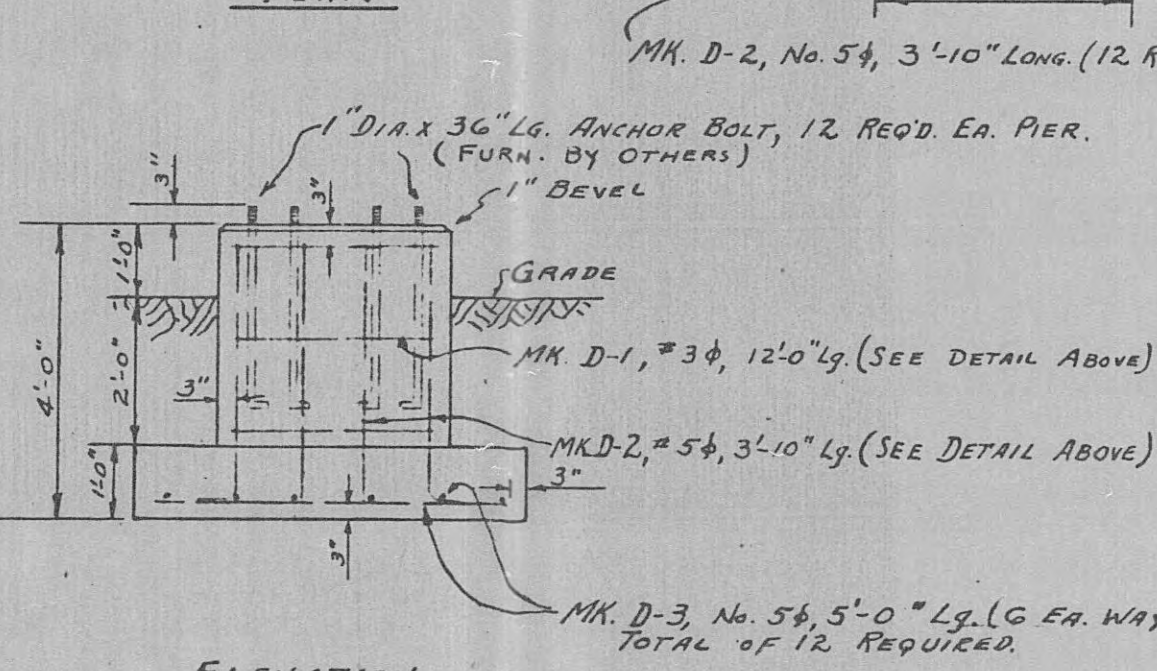
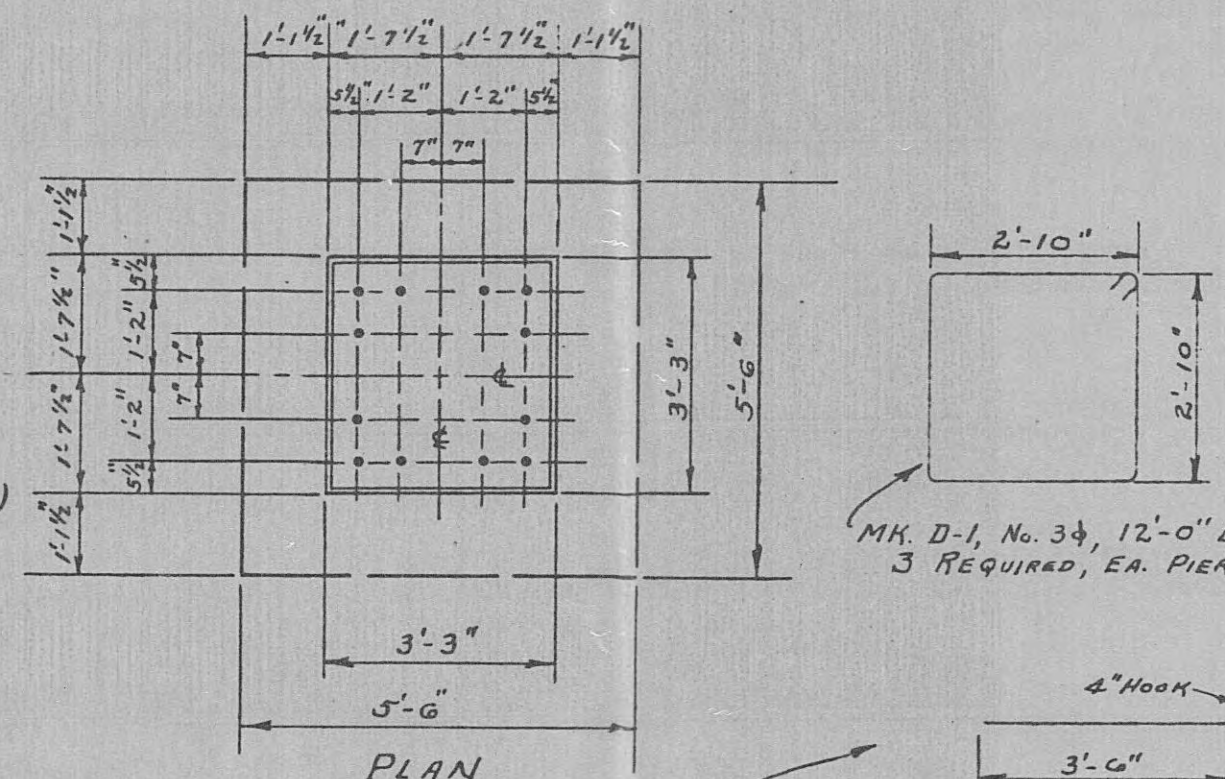
DETAIL OF PIER "B" (2-REQUIRED)
SCALE: 3/8" = 1'-0"



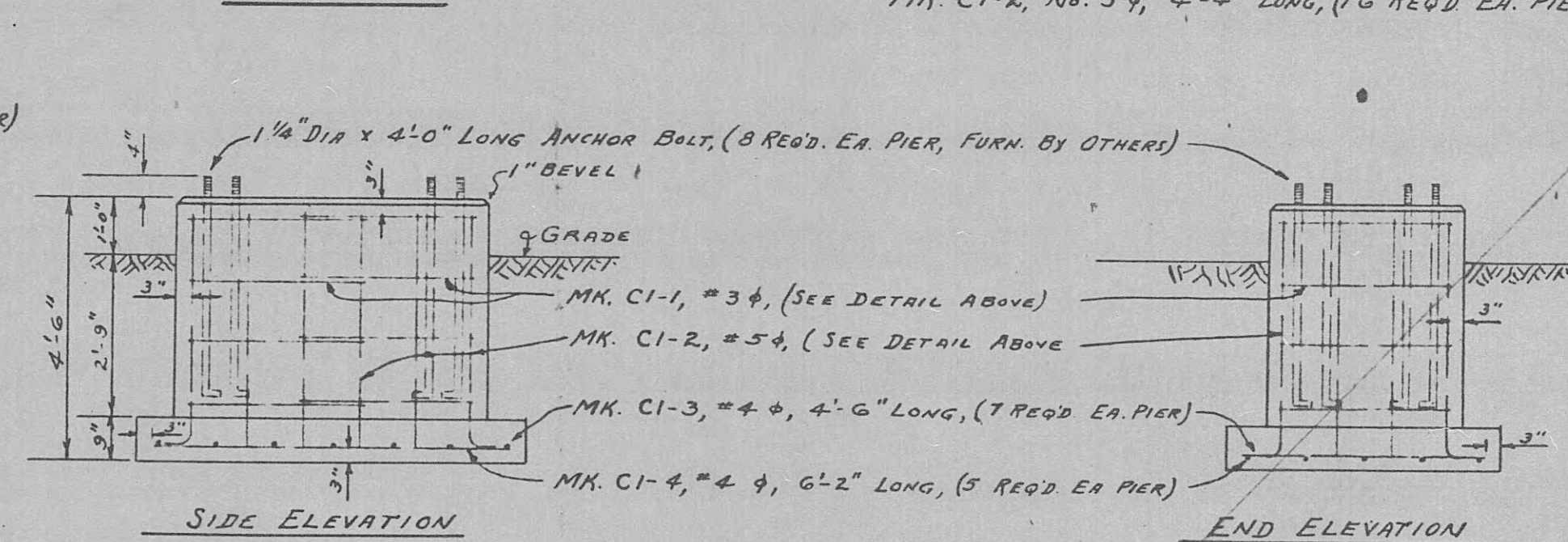
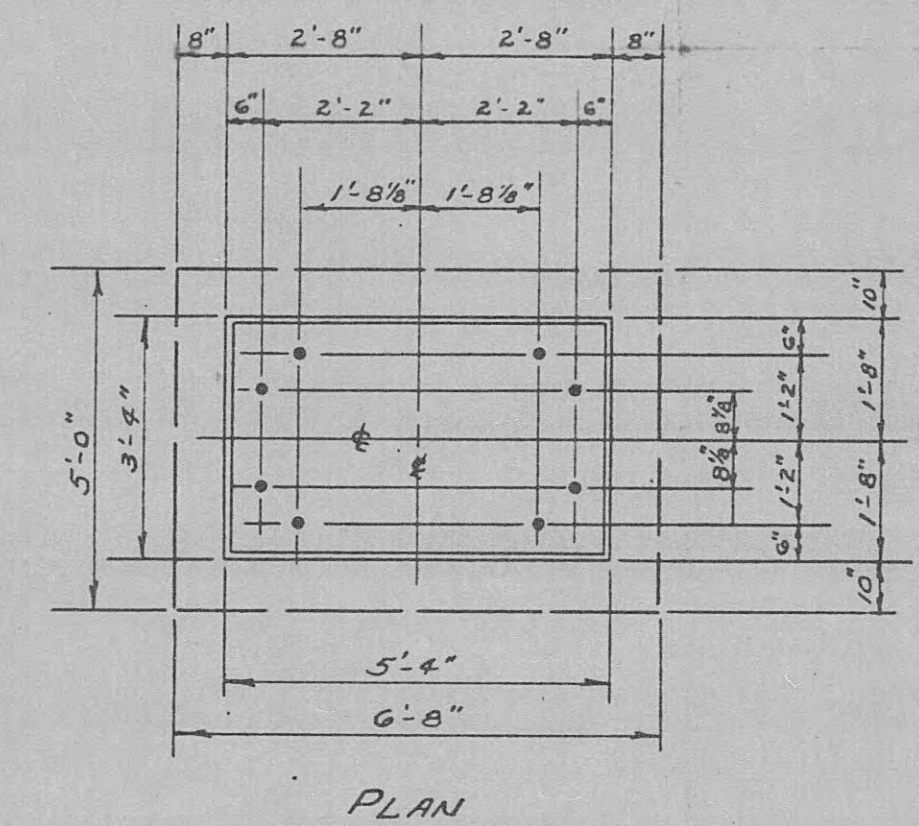
DETAIL OF PIER "C" (2-REQUIRED)
SCALE: 3/8" = 1'-0"



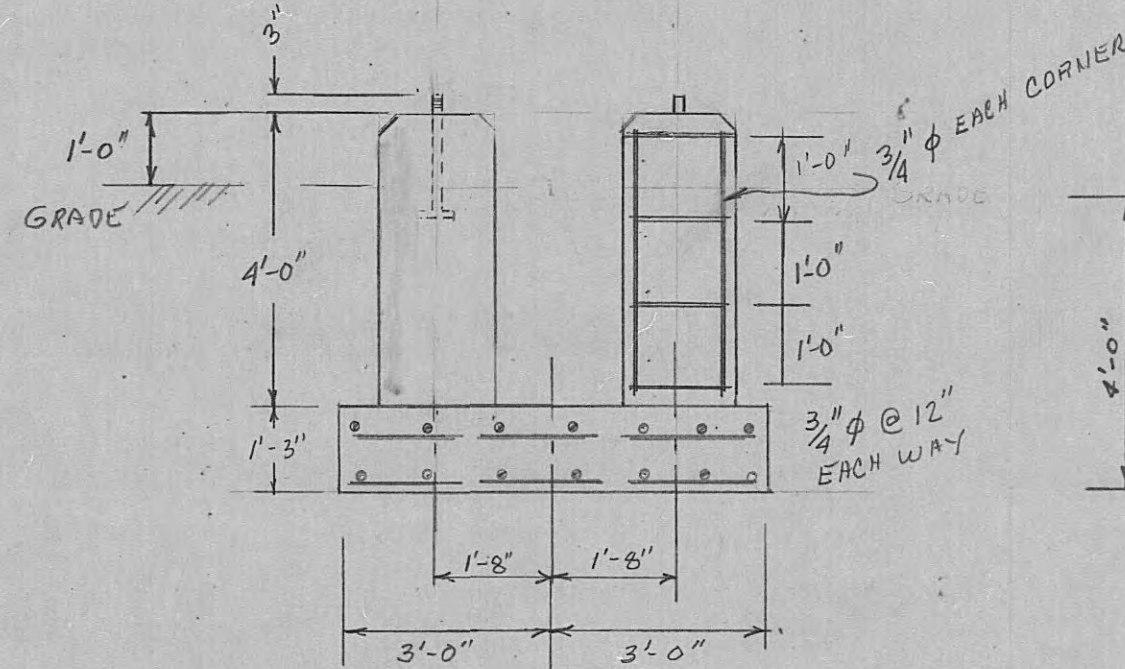
DETAIL OF PIER "E" (5-REQUIRED)
SCALE: 3/8" = 1'-0"



DETAIL OF PIER "D" (6-REQUIRED)
SCALE: 3/8" = 1'-0"



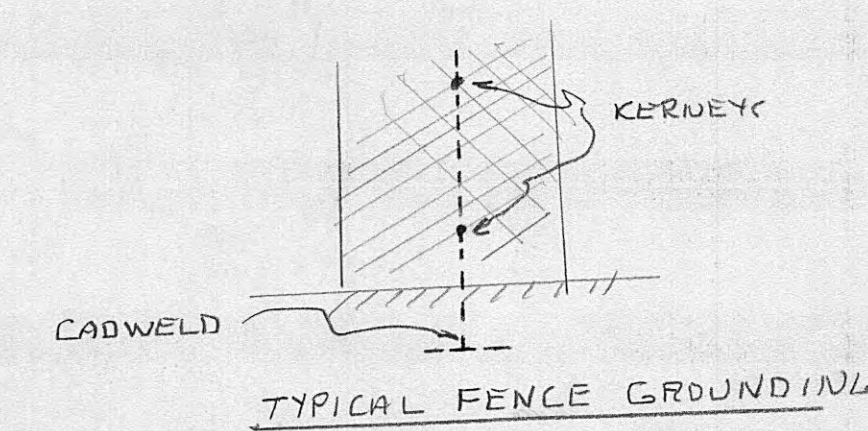
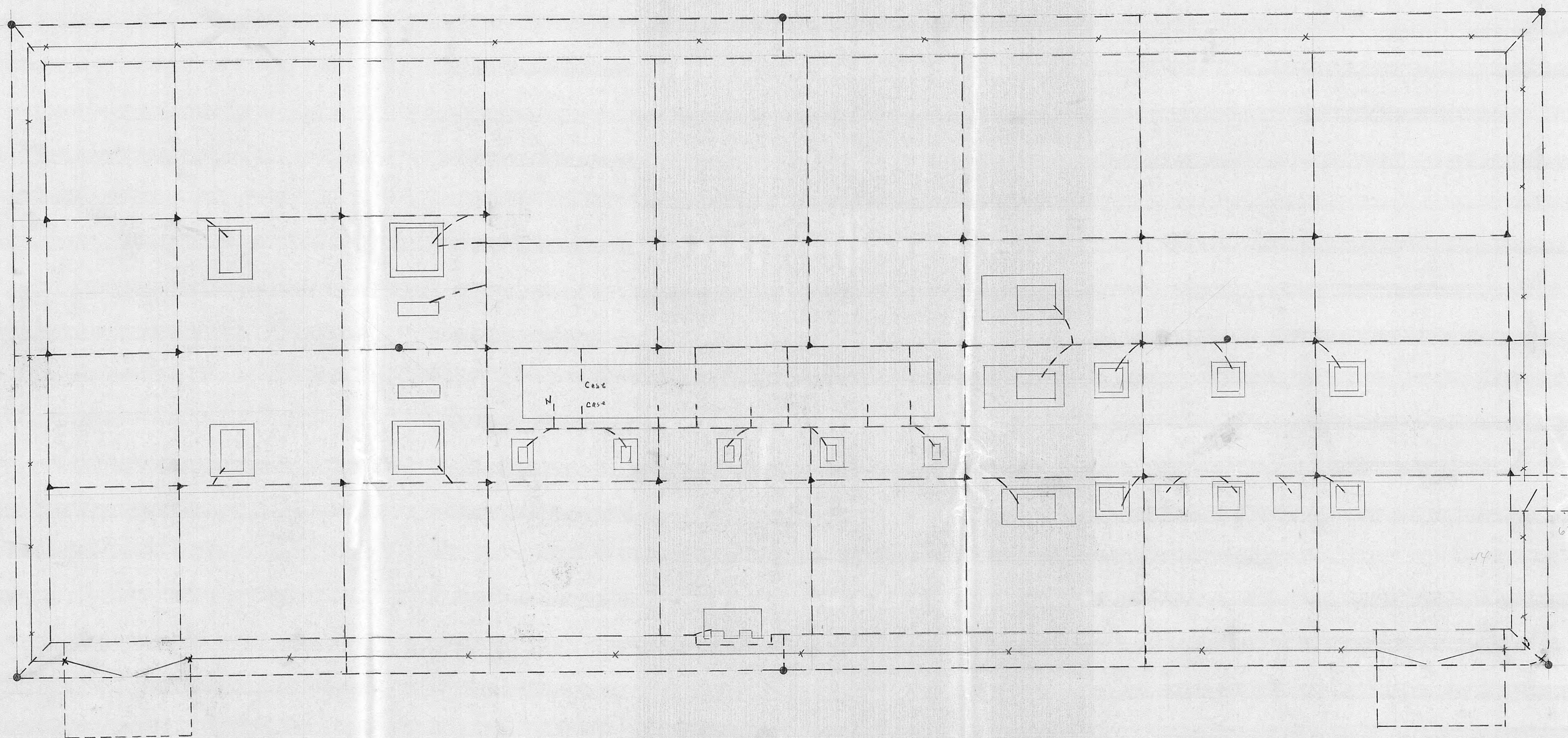
DETAIL OF PIER "C1" (1-REQUIRED)
SCALE: 3/8" = 1'-0"



69KV OCB PIER
SCALE: 3/8" = 1'-0"

AS CONSTRUCTED

DATE	REVISIONS	NO.
7-21-88	OK'D	1
HARRIMAN UTILITY BOARD		
HARRIMAN, TENNESSEE		
MOSSY GROVE SUBSTATION		
69/13 KV		
FOUNDATION PLAN		
SCALE: AS SHOWN	DWS	DRAWING NO.
DATE: 7-21-88	OK'D	F14-529-1
		SHEET 2 OF 2

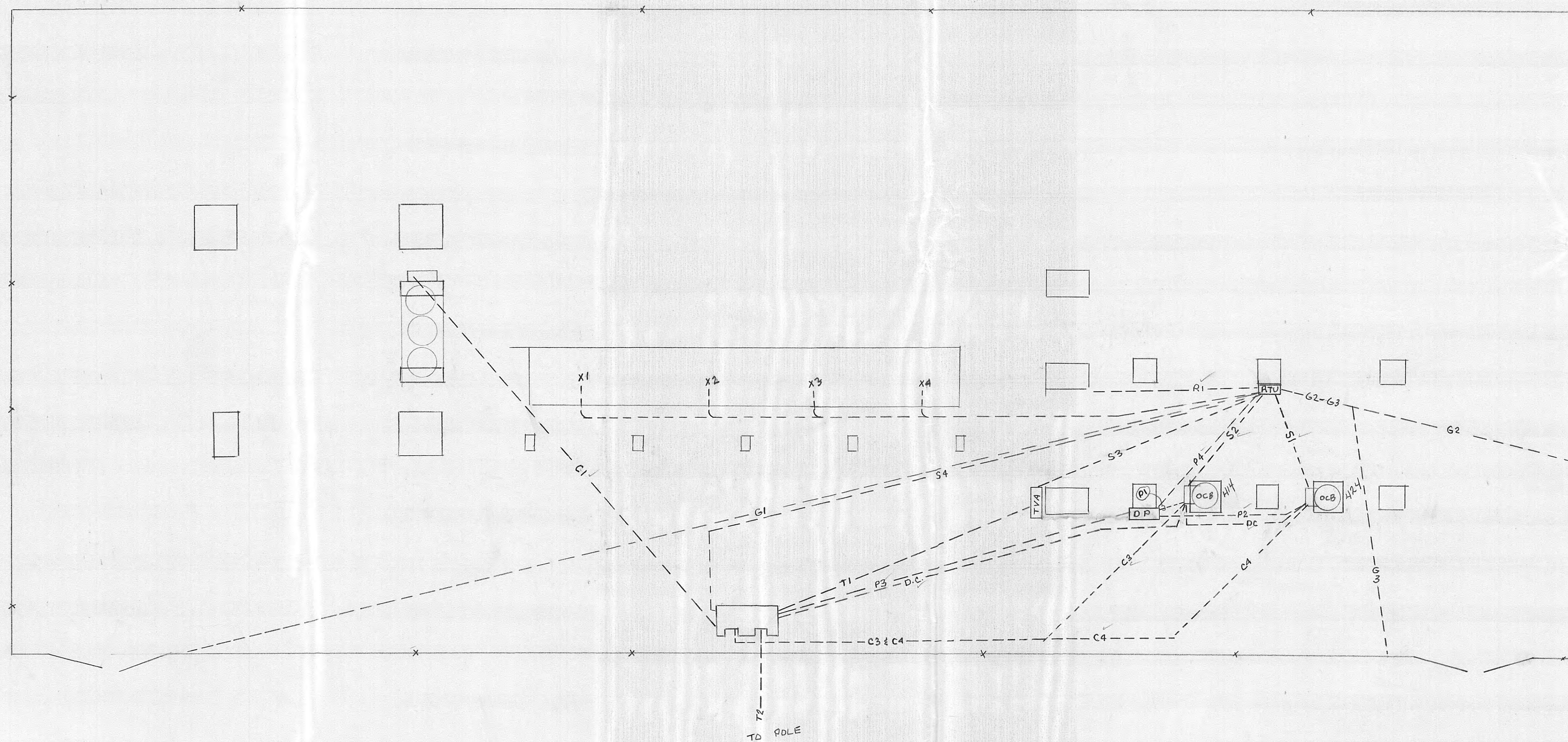


- LEGEND**
- 2/0 SDB WIRE
 - 2" CU TUBE XIT RODS X 10'
 - ▲ 5/8" X 10' COPPERWELD GROUND ROD

Notes

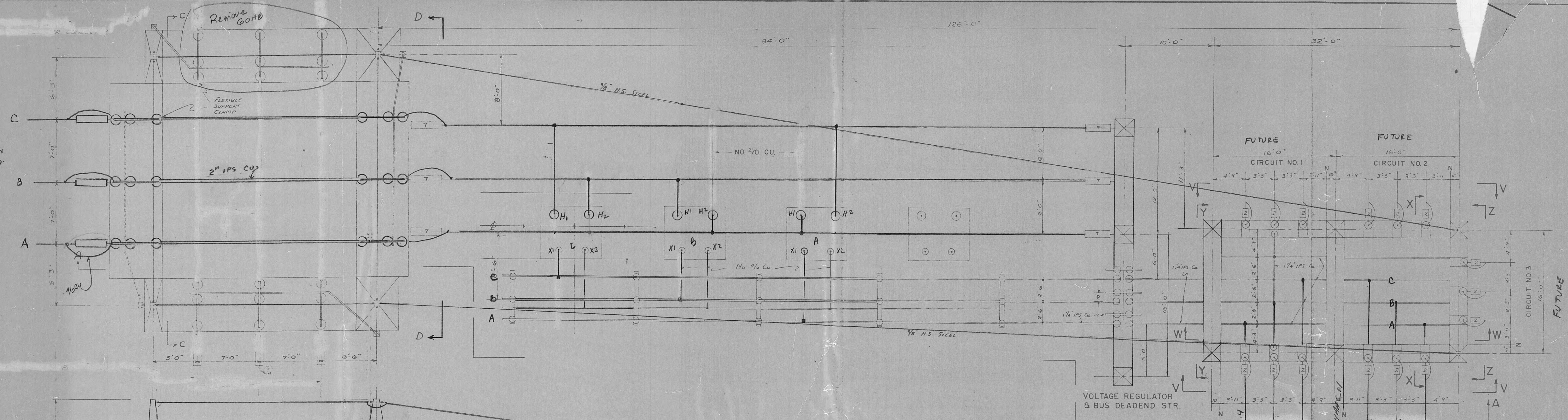
USE COPPERWELD CONNECTIONS ON ALL UNDERGROUND CONNECTIONS
 INSTALL XIT RODS ACCORDING TO MFG. SPECS.

HARRIMAN UTILITY BOARD		
HARRIMAN, TENNESSEE		
SCALE: 1" = 10'	APPROVED BY	DRAWN BY <i>RHALL</i>
DATE: 8-30-88		
MOSSY GROVE SUBSTATION		
GROUNDING PLAN		
		DRAWING NUMBER

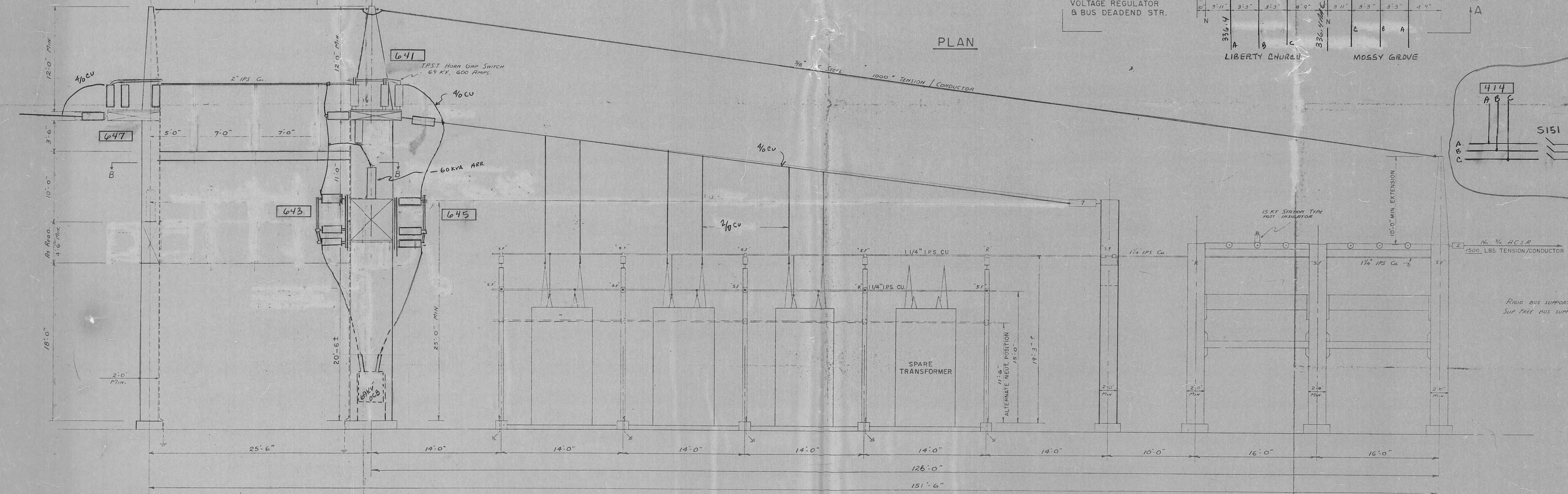


HARRIMAN UTILITY BOARD HARRIMAN, TN		
SCALE:	APPROVED BY	DRAWN BY
DATE: 12-20-88		
MOSSY GROVE SUBSTATION CONDUIT PLAN		
DRAWING NUMBER		E-191-D

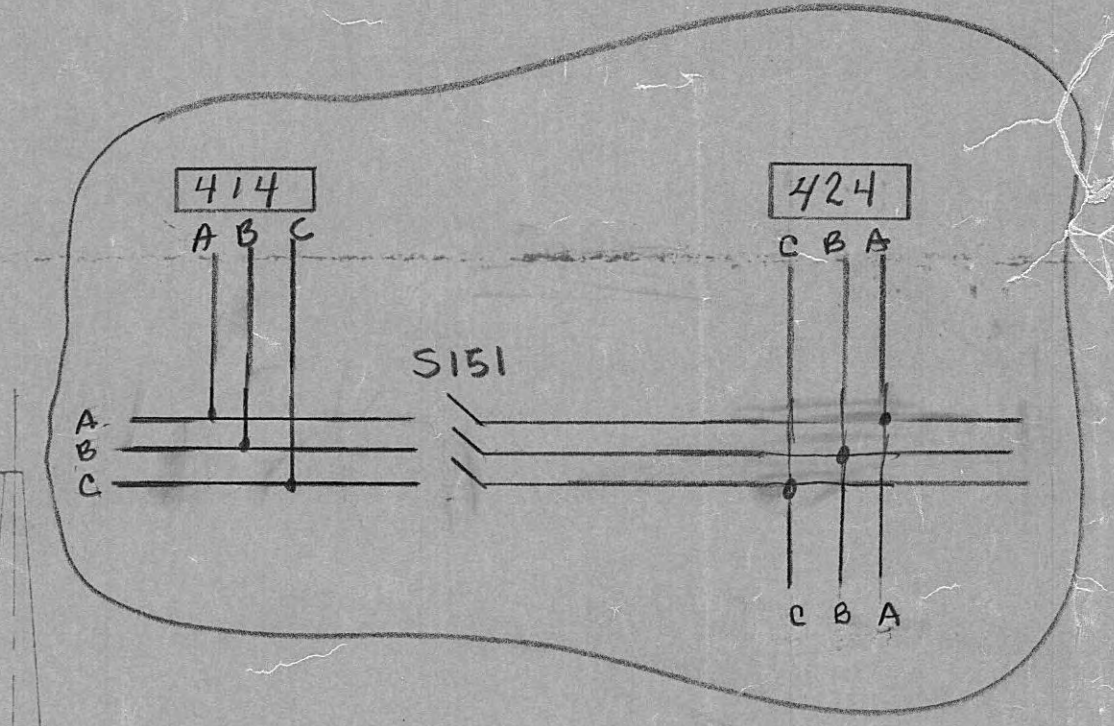
TVA
266.6 ACSE
2500# MAX
PER COND



PLAN



SECTION A-A



11-15-69	PHASING PICKED UP
DATE	REVISION
HARRIMAN UTILITIES	
HARRIMAN, TENN	
MOSSY GROVE	
GENERAL ARRANGEMENT	
SCALE 3/16" = 1'-0"	
DATE 7-21-1988	