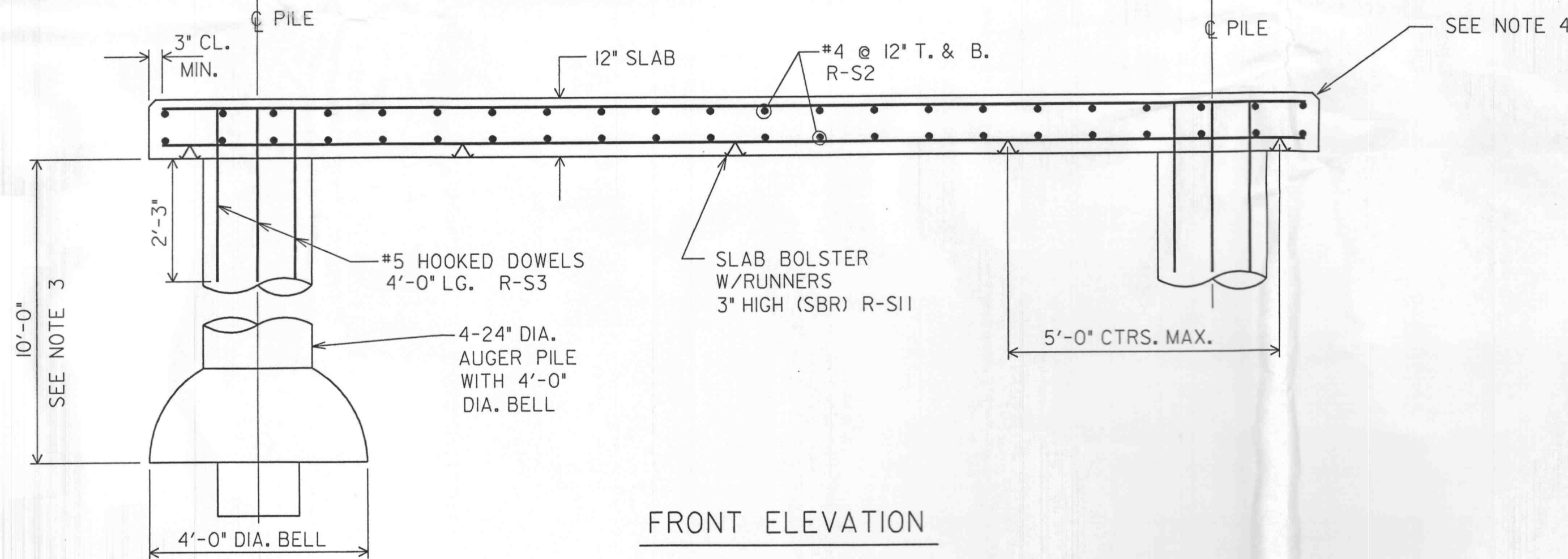
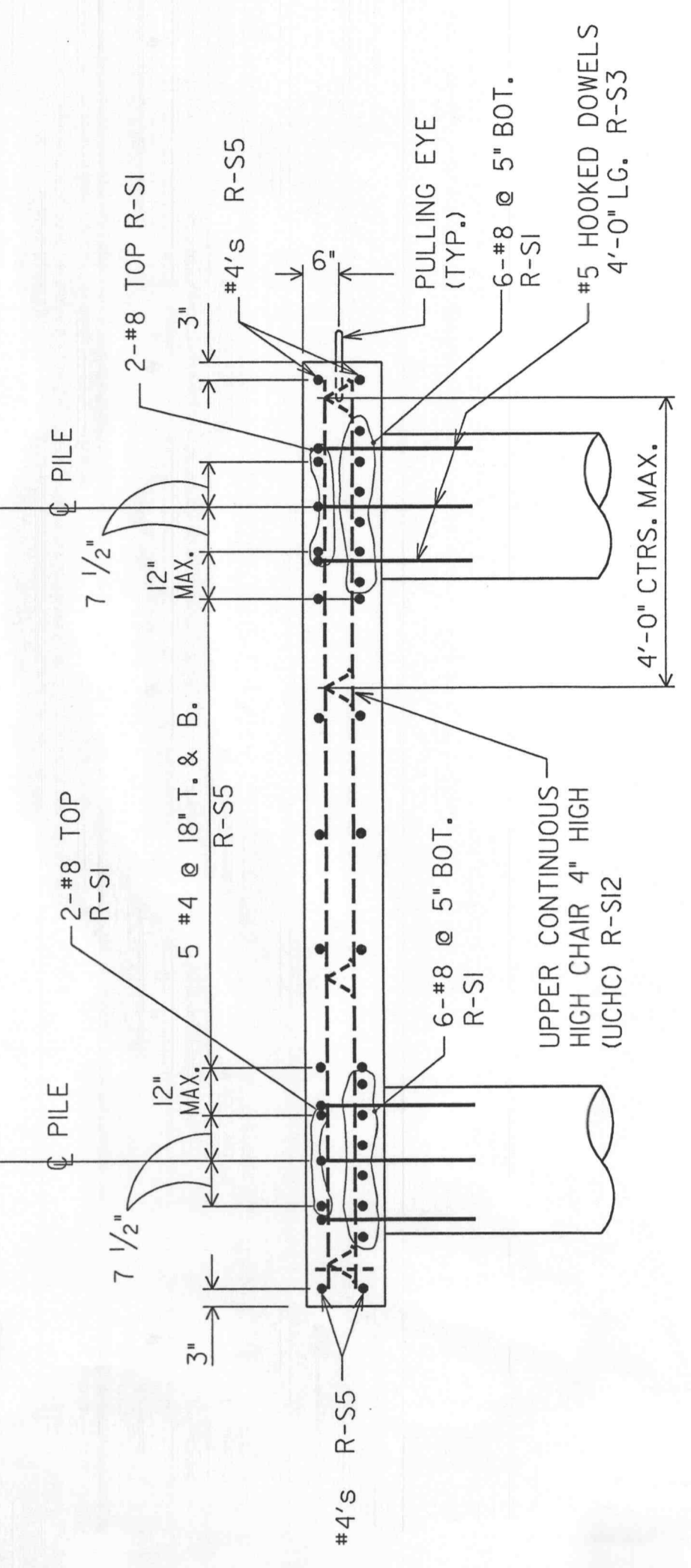
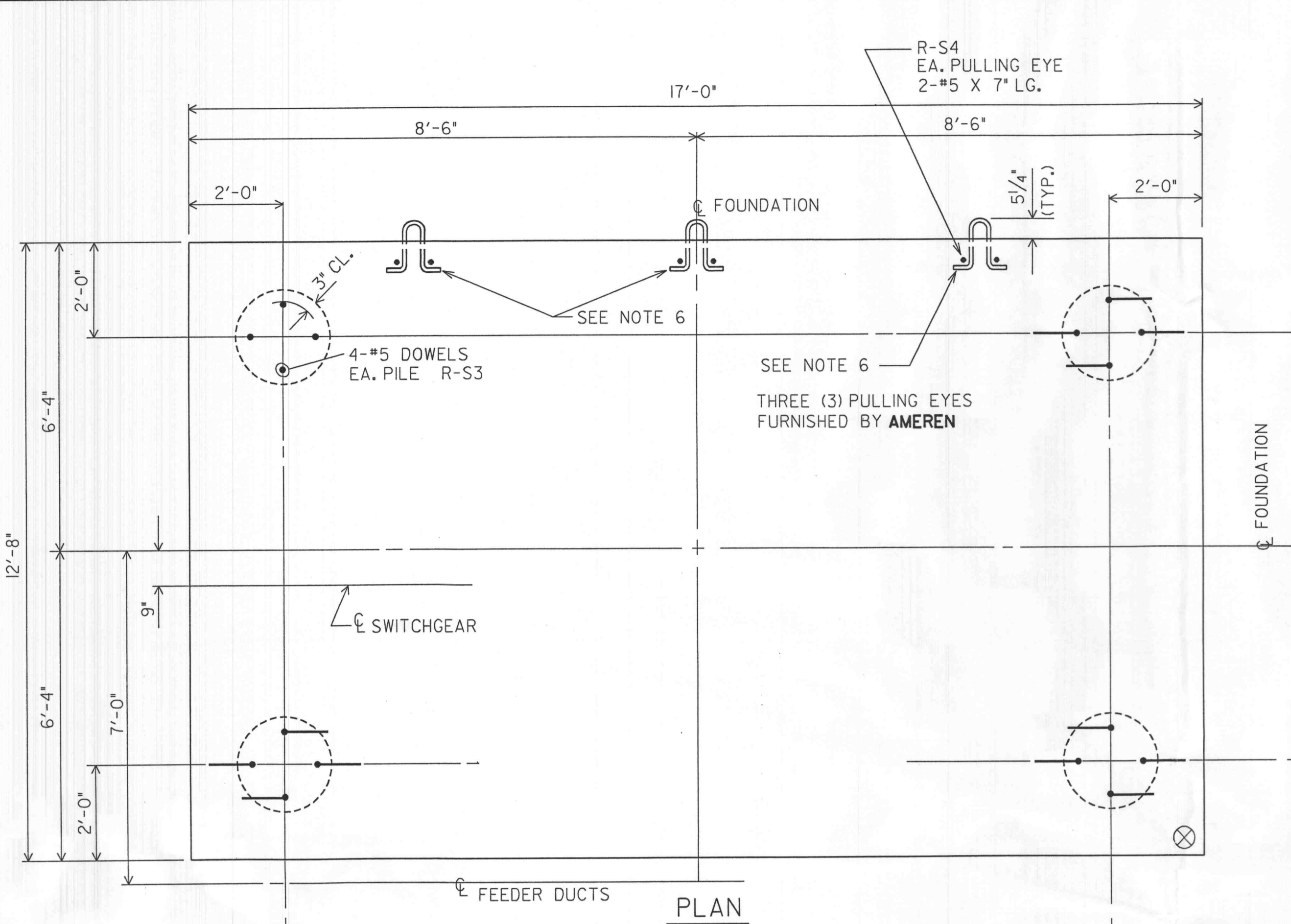


PRINT DIST. 9443-Y-149196 3 2

REVISIONS
REV. 0
FIRST ISSUE

REV. DATE DRAWN
1 07200 MSM
CHKD SUPV APPD
NOT
NO. 10969
FILM

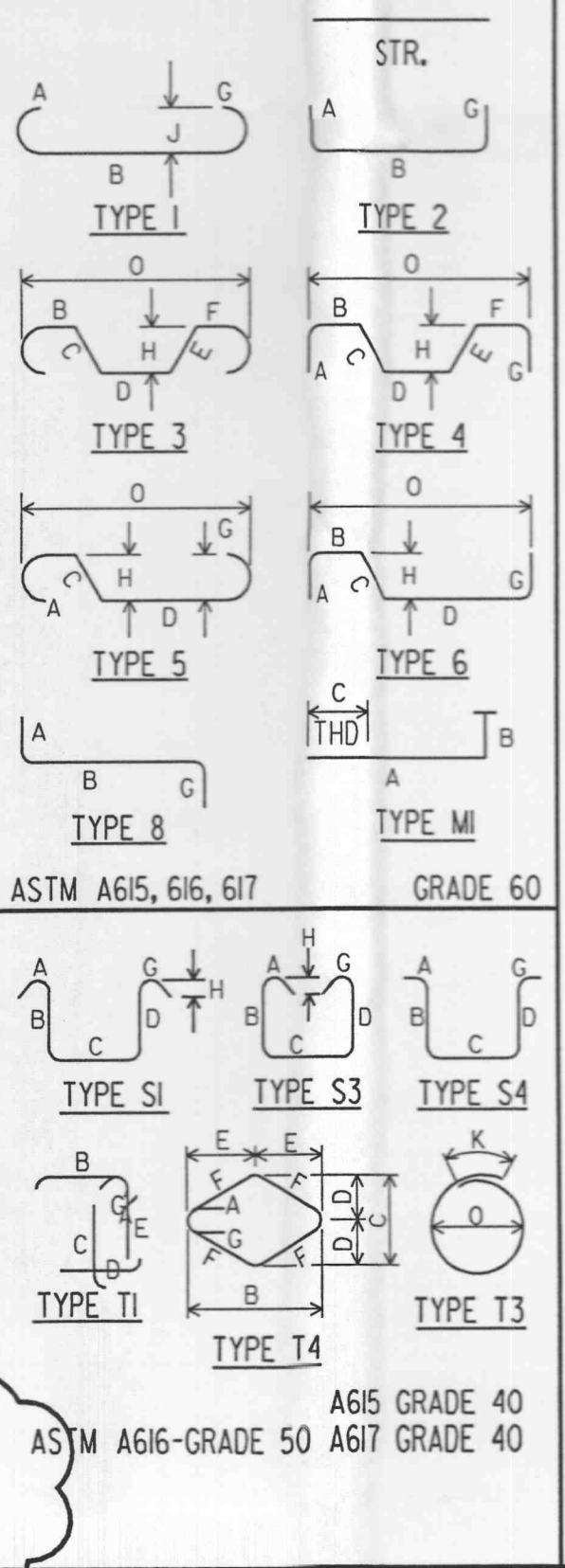
REVISE REINFORCING FOR ANTENNA MAST FOUNDATION



MARK No.	No. REQ'D	SIZE	LENGTH	TYPE	SKETCH
R-S1	16	#8	16'-6"	STR.	
R-S2	34	#4	12'-2"	STR.	
R-S3	16	#5	4'-0"	HOOKED	
R-S4	6	#5	7'	STR.	
R-S5	14	#4	16'-6"	STR.	
R-S11	5	SLAB BOLSTERS	3'		
R-S12	4	HIGH CHAIR	4"		
	3	PULLING EYES			

REINFORCING SCHEDULE

MARK NO.	NO. REQ'D	SIZE	LENGTH	TOTAL WT.	TYPE	SKETCH	A	B	C	D	E	F	G	H	J	K	O	REMARKS		
RT-1	12	#6	14'-6"	261	STR.														15' X 13' XFMR FDN	
RT-2	20	#9	14'-6"	986	STR.															
RT-3	24	#6	4'-6"	162	TYPE 2		11"	3'-7"												
RT-4	8	#5	10'	7	STR.															
RT-5	11	#6	12'-6"	207	STR.															
RT-6	16	#9	12'-6"	680	STR.															
RT-7	3		14'-6"																	
RT-8	4		12'-6"																	
R-S1	16	#8	16'-6"	705	STR.														SWGR FDN	
R-S2	34	#4	12'-2"	276	STR.															
R-S3	16	#5	4'-0"	67	TYPE 2		11"	3'-1"												
R-S4	6	#5	7'	4	STR.															
R-S5	14	#4	16'-6"	154	STR.															
R-S11	5																			SLAB BOLSTER W/ RUNNERS (SUPERIOR SB OR EQUAL) 3" HIGH
R-S12	4																			
R-1	32	#7	14'-6"	950	STR.														SW. STRUCT FOOTING DRILLED PIER	
R-2	52	#3	24" DIA.	165	T3	○														
AB-4	16	1/4" DIA.	4'-0"	267	MI		3'-6"	6'	7'											
R-B1	12	#8	4'-7"	147	STR.														H.V. CABLE SUPPORT FOOTING DOUBLE FEEDER	
R-B2	5	#3	12'-3"	23	T3	○														
AB-2	4	3/4" DIA.	23'	12	MI		19"	4'	5'											
FF-2	1	4" DIA.	5'-0"																	
R-A1	6	#5	6'-6"	42	STR.														ANTENNA MAST FOOTING	
R-A2	8	#3	30" DIA.	27	T3	○														
AB-2	4	1 1/4" DIA.	48'	67	MI		42"	6'	7'											



NOTES:

- REFERENCE MARKS ⊗ ARE USED TO ORIENT FOUNDATION. SEE FOUNDATION LOCATION PLAN.
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 P.S.I. AT 28 DAYS. STEEL YIELD POINT = 60,000 P.S.I.
- IF SOLID ROCK IS ENCOUNTERED AT ANY DEPTH, THE DRILLING SHALL BE STOPPED, AND THE BELL OMITTED. BOULDERS OR SHALE ARE NOT SOLID ROCK.
- CHAMFER ALL CONCRETE EDGES.
- FOR TOP OF CONCRETE ELEVATION SEE FOUNDATION LOCATION PLAN.
- CENTER PULLING EYE TO BE LOCATED ON CENTER LINE OF TRANSFORMER FOUNDATION. REFER TO YARD PLAN DRAWING FOR DIMENSIONS. REMAINING TWO (2) PULLING EYES TO BE LOCATED 6'-0" ± ONE EACH SIDE OF THE CENTER PULLING EYE.

FOR CONSTRUCTION RECORD ONLY
C.I.O. NO.

PROPERTY: YARD PLAN- FOUNDATION LOCATION 9443-Y-149195
TRANSFORMER & SWITCH STRUCTURE FOUNDATIONS..... 9443-Y-149197

NOTICE OF LIMITED RESPONSIBILITY
THE RESPONSIBILITY OF THE UNDERSIGNED ENGINEER IS LIMITED TO THE DESIGN WORK SHOWN ON PROJECT DRAWINGS AND DOCUMENTS BEARING HIS/HER SEAL, SIGNATURE OR INITIALS. HE/SHE DOES NOT HAVE AUTHORITY OVER THE PROJECT AS A WHOLE. THE UNDERSIGNED DISCLAIMS ANY RESPONSIBILITY FOR WORK DONE UNDER SUBSEQUENT REVISIONS AND ANY OTHER DOCUMENTS ASSOCIATED WITH THE PROJECT WHICH DO NOT BEAR HIS/HER SEAL, SIGNATURE OR INITIALS.

PREPARED FOR **AmerenUE**

REV. 0 SEALED BY **P. MANIS**
DRAWN **P. MANIS**
CHKD **NOT**
SUPV. **SAH**
APPD. **C.J.G.**

STRUCTURE - CONCRETE DETAIL
SWITCHGEAR FOUNDATION
AND REINFORCING SCHEDULE

LOCATION 004726 WINGHAVEN SUBSTATION CLASS 04050

ST. LOUIS, MISSOURI 9443-Y-149196 REV. 1