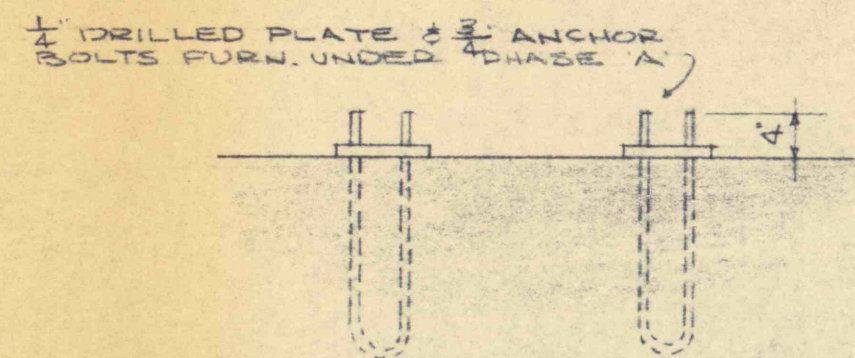
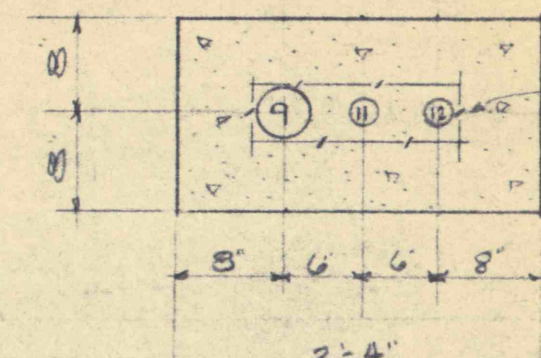


GENERAL NOTES:  
 PROVIDE MINIMUM OF 6" CRUSHED STONE OR GRAVEL UNDER SLAB.  
 AT ALL BASES & PADS PROVIDE 1" PREPARED FILLER. STOP FILLER 1" BELOW TOP OF SLAB. FILL WITH HOT ASPHALT.  
 REMOVE ALL EXIST. BASES, PILES ETC. TO A MIN. OF 6" BELOW BOT. OF SLAB.



TOWER BASE BOLT DETAIL



SECTION E-E  
 SCALE 1/8" = 1'-0"

PROVIDE TWO 6" DIA. 2' x 4' AS NOTED BELOW.

16" x 12" DEEP HOT DIP GALVANIZED OR CAST IRON PULL BOX TYPE 'U' SET FLUSH WITH CONCRETE SLAB.  
 1/2" DRAIN TO TRENCH STUB FLUSH WITH BOTTOM OF SLAB.

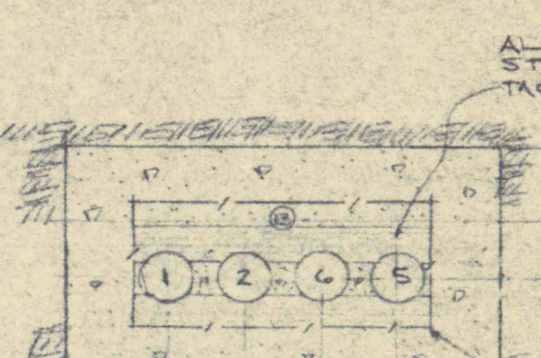
PITCH CONDUIT TOWARD DRYWELL

PROVIDE DRYWELL TO DRAIN CONDUIT A MIN. OF 2'-0" BELOW GRADE.

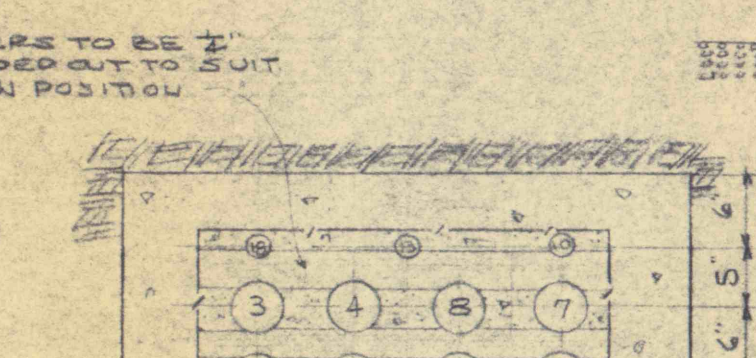
PITCH ALL CONDUIT TOWARD DRYWELL

SECTION SIMILAR TO SECTION E-E

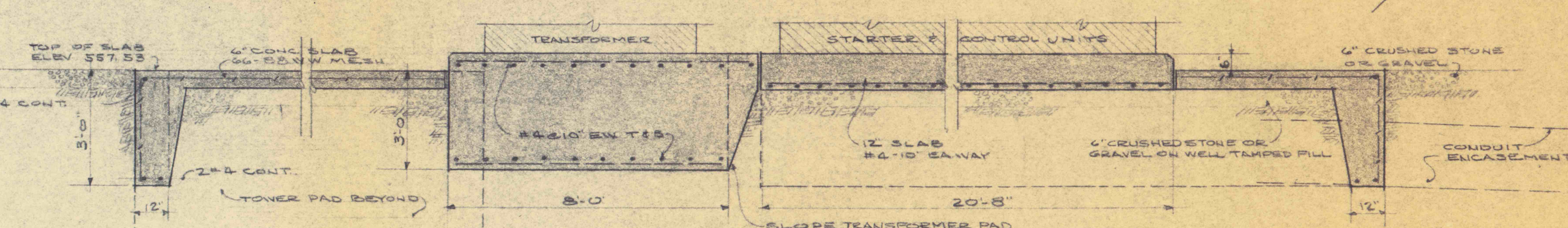
16" x 12" DEEP HOT DIP GALVANIZED OR CAST IRON PULL BOX TYPE 'U' SET FLUSH WITH CONCRETE SLAB.  
 1/2" DRAIN TO TRENCH STUB FLUSH WITH BOTTOM OF SLAB.



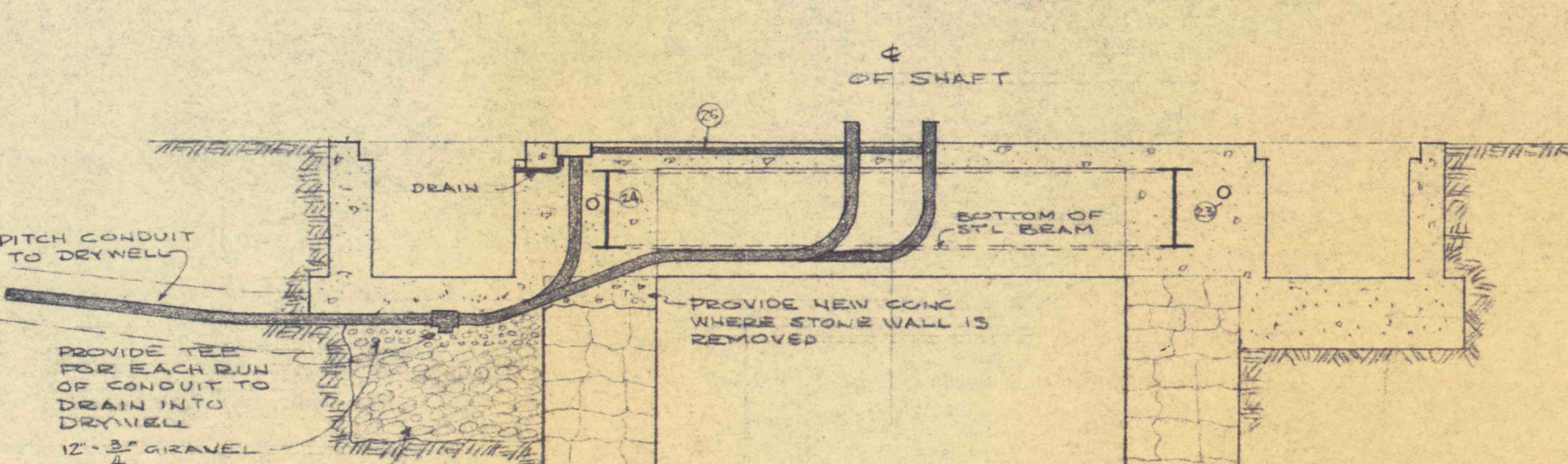
SECTION C-C



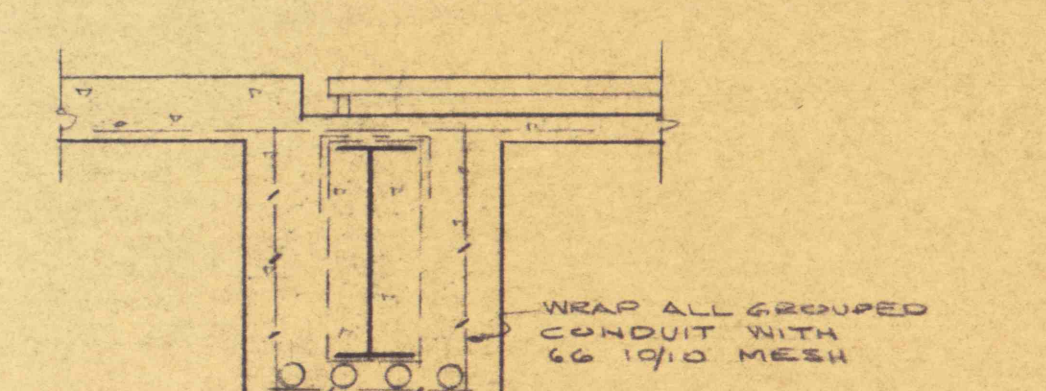
SECTION D-D



SECTION 1-1  
 SCALE 1/8" = 1'-0"



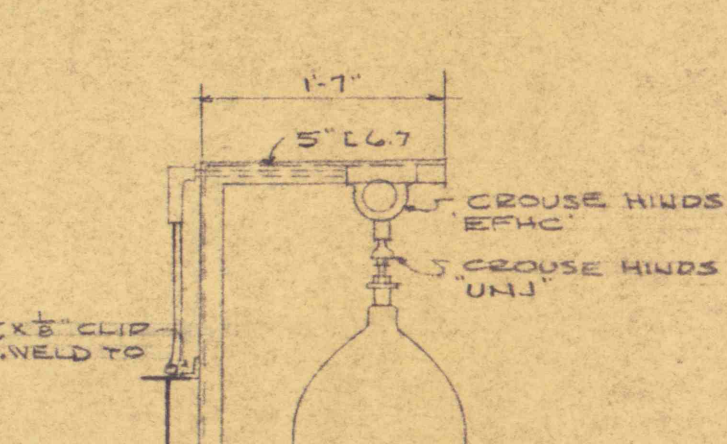
SECTION A-A  
 SCALE 1/8" = 1'-0"



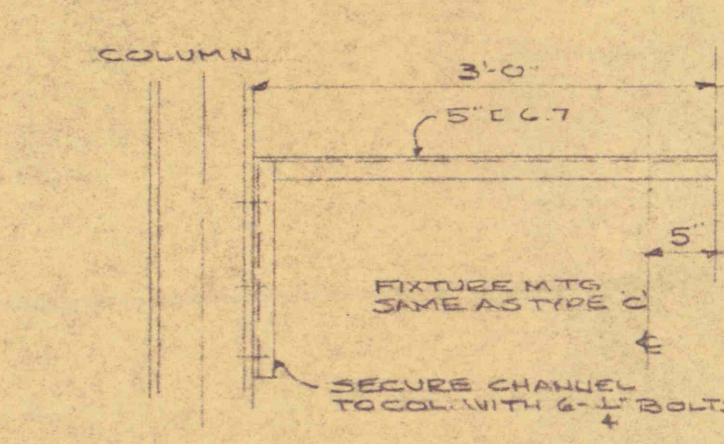
TYPICAL SECTION B-B  
 SCALE 1/8" = 1'-0"

CONDUIT SCHEDULE					
CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	USE
1	3"	STARTER N°1	PUMP N°1	3 N° 3/0 H.V.	MOTOR FEED
2	3"	STARTER N°2	PUMP N°2	3 N° 3/0 H.V.	MOTOR FEED
3	3"	STARTER N°3	PUMP N°3	3 N° 3/0 H.V.	MOTOR FEED
4	3"	STARTER N°4	PUMP N°4	3 N° 3/0 H.V.	MOTOR FEED
5	3"	STARTER N°1	PUMP N°1	1-14 N° 12 CABLE 1-3 N° 12 CABLE 1-3 N° 12 CABLE	PUMP CONTROL O.C. PUMP O.C. PUMP
6	3"	STARTER N°2	PUMP N°2	40'	40'
7	3"	STARTER N°3	PUMP N°3	40'	40'
8	3"	STARTER N°4	PUMP N°4	1-14 N° 12 CABLE 1-3 N° 12 CABLE 1-3 N° 12 CABLE	PUMP CONTROL O.C. PUMP O.C. PUMP
9	3"	STARTER N°1	PULL BOX	4-5 N° 12 CABLE	PUMP CONTROL
10	1 1/2"	CONTROL SEC.	COLUMN	3 N° 6	CRANE
11	1 1/2"	CONTROL SEC.	HOIST HOUSE	COPPER TUBING	WATER LEVEL CONT.
12	2"	CONTROL SEC.	HOIST HOUSE	1-5 N° 12 CABLE 1-1/0 BARE	AIR COMP. GROUND ALL EQUIP.
13	1 1/2"	CONTROL SEC.	JUNCTION BOX	1-1/0 BARE	GROUND
14	1 1/2"	CONTROL SEC.	TOWER BASE	2 N° 12	SIG. LTR. TYPE 'D'
15	3/4"	TOWER BASE	TOWER BASE	2 N° 10	TYPE 'F' LTR.
16	3/4"	TOWER BASE	LTR. STANDARD		FUT. LTR.
17	3/4"	TOWER BASE	BREAKER ON POLE	2 N° 10	LIGHTING
18	1 1/2"	SHAFT	CONTROL SEC.	COPPER TUBING	WATER LEVEL CONT.
19	1"	COLUMN	STUB THROUGH	1 N° 1/0 BARE	GROUND
20	1"	COLUMN	STUB THROUGH	1 N° 1/0 BARE	GROUND
21	1"	TRANS. TOWER	STUB THROUGH	1 N° 1/0 BARE	GROUND
22	1 1/4"	CONTROL SEC.	STUB THROUGH	1 N° 1/0 BARE	GROUND
23	1"	L&P LINES	HOIST HOUSE	3 N° 6	LOAD CENTER
24	1 1/2"	COLUMN	HOIST HOUSE	3 N° 2	HOIST
25	1 1/4"	JUNCTION BOX	COLUMN	1-1/0 BARE	GROUND
26	1"	JUNCTION BOX	PUMP BASE	1-1/0 BARE	GROUND
27	1"	PULL BOX	W/F SWITCH	1-5 N° 12 CABLE	PUMP CONTROL

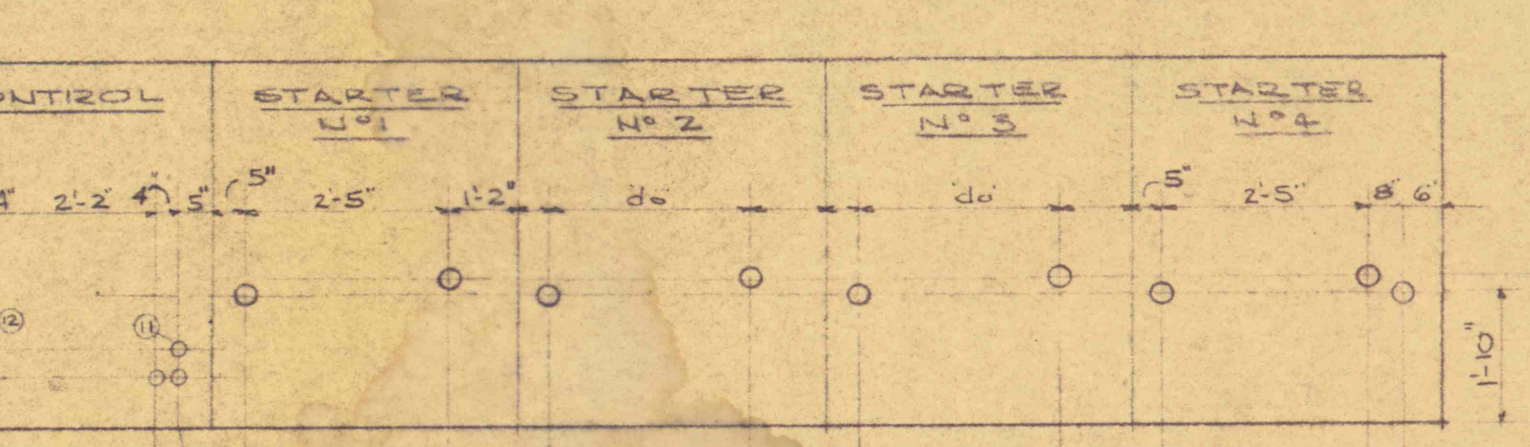
NOTE: ALL CONDUITS FOR COPPER TUBING SHALL BE BENT WITH A MIN. RADIUS OF 24" UNLESS OTHERWISE VERIFIED.



TYPE C LTR. FIXT. MFG.



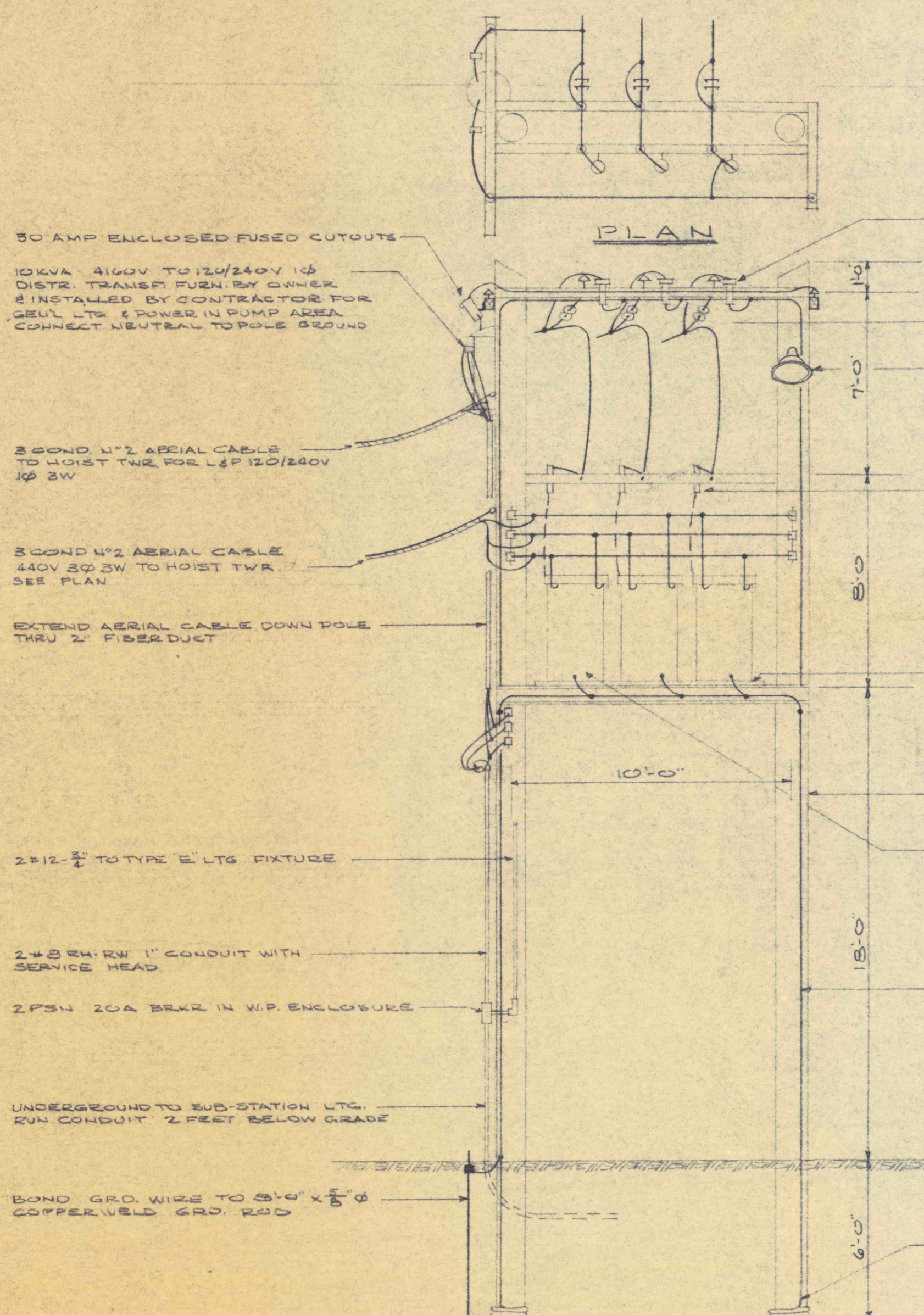
TYPE B LTR. FIXT. MFG.



CONDUIT STUB LOCATIONS  
 SCALE 1/8" = 1'-0"

FOUNDATION PLAN OF SUBSTATION

ALL EXIST. FOUNDATIONS CONFLICTING WITH NEW FOUNDATIONS SHALL BE REMOVED.  
 ALL CONDUIT BELOW THE SLAB SHALL BE ENCASED IN CONCRETE.



TWO POLE STRUCTURE  
 NO SCALE