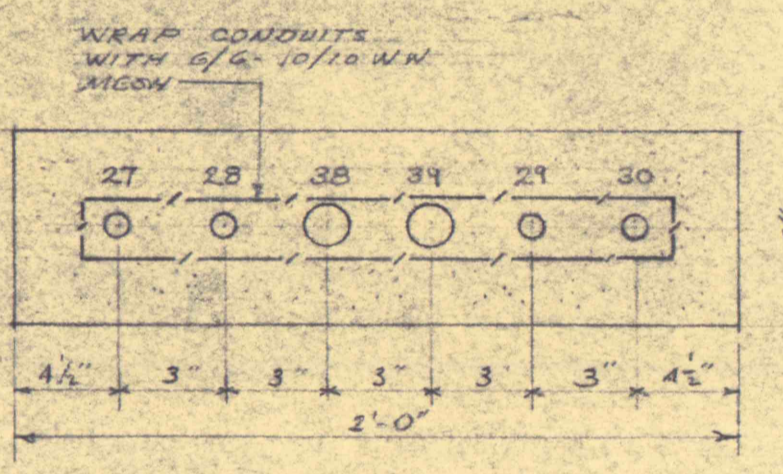
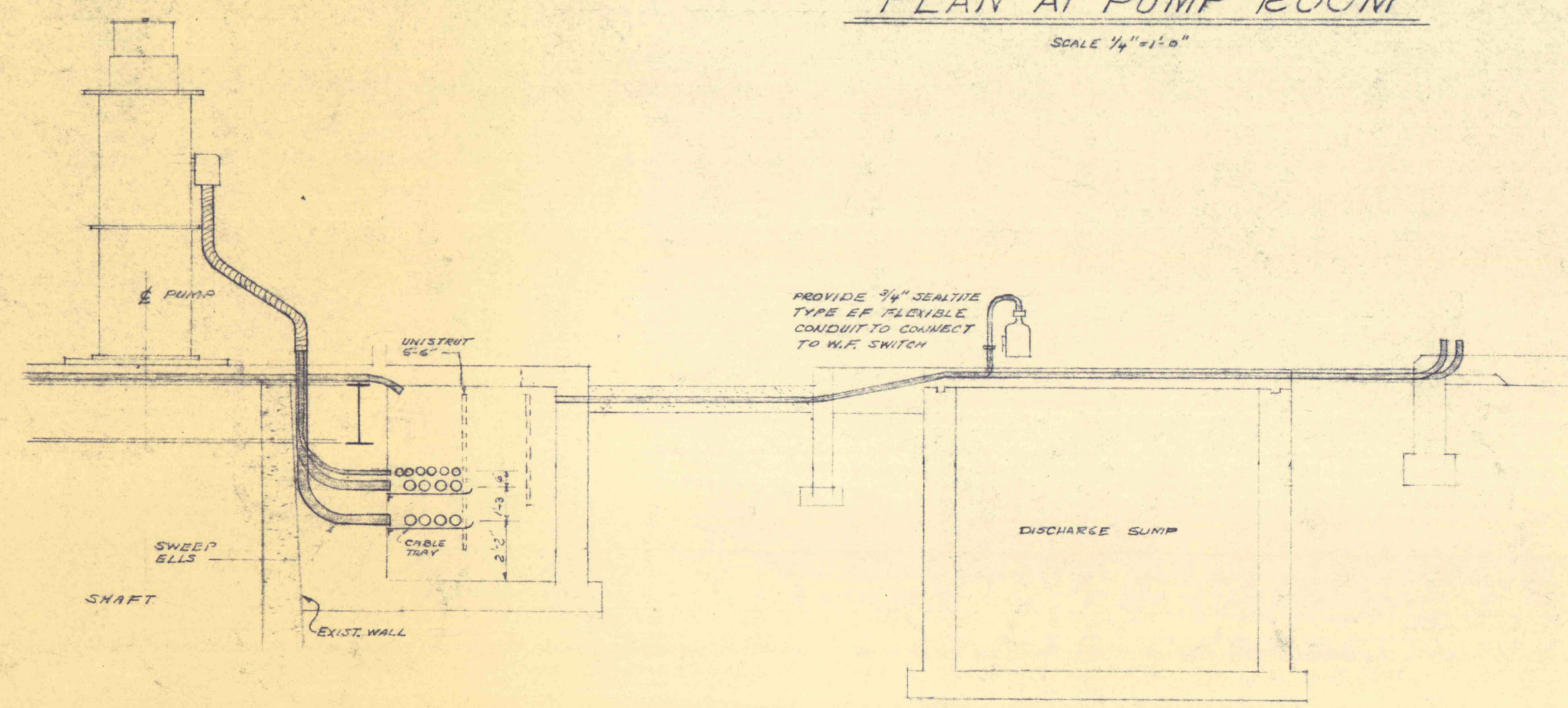


PLAN AT PUMP ROOM
SCALE 1/4" = 1'-0"



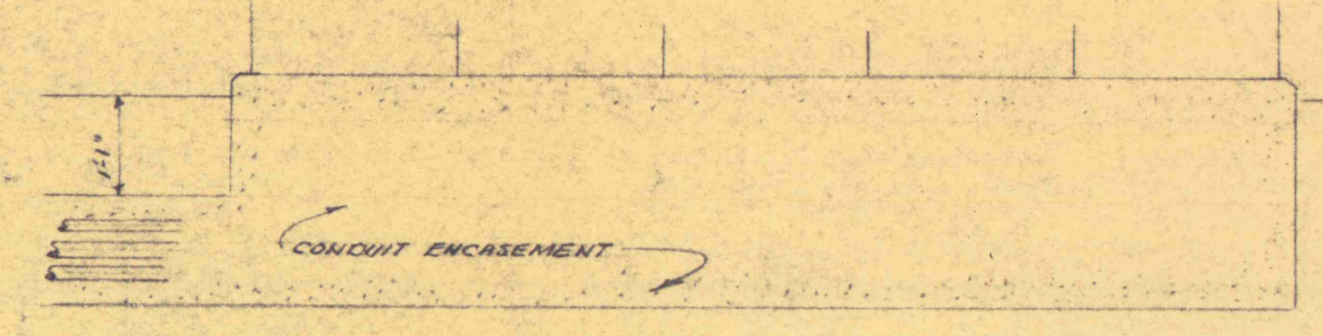
SECTION EE



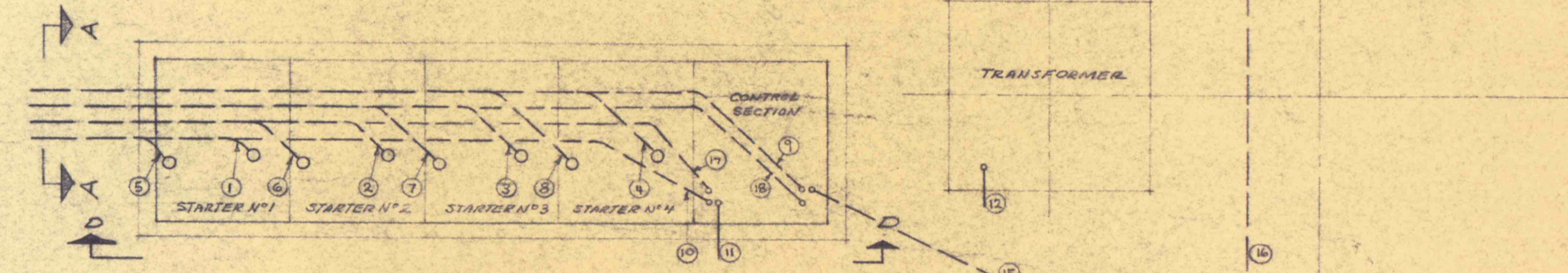
SECTION BB
SCALE 1/4" = 1'-0"

CONDUIT SCHEDULE

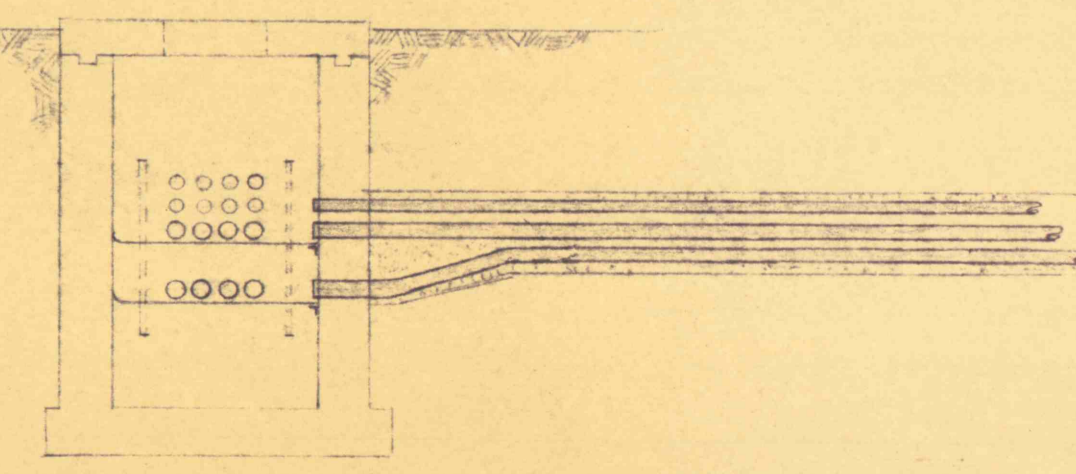
CONDUIT NO.	SIZE	FROM	TO	CONDUCTORS	USE
1	3"	STARTER N°1	MANHOLE	3N° 3/4 H.V.	MOTOR FEED
2	3"	STARTER N°2	do	do	do
3	3"	STARTER N°3	do	do	do
4	3"	STARTER N°4	do	3N° 3/4 H.V.	MOTOR FEED
5	3"	STARTER N°1	do	1-2N° 12 CABLE 1-2N° 12 CABLE 1-2N° 12 CABLE	W.F. SW. FOR CONTROL OF PUMP PUMP CONTROL
6	3"	STARTER N°2	do	do	do
7	3"	STARTER N°3	do	do	do
8	3"	STARTER N°4	do	1-2N° 12 CABLE 1-2N° 12 CABLE	W.F. SW. FOR CONTROL OF PUMP PUMP CONTROL
9	2"	CONTROL SEC.	do	2N° 1/2	FLOOD L.T.G.
10	2"	CONTROL SEC.	MANHOLE	1-N° 1/2 BARE	GROUND
11	1 1/2"	CONTROL SEC.	STUB THRU BASE	1-N° 1/2 BARE	GROUND
12	1"	TRANSFORMER	STUB THRU BASE	1-N° 1/2 BARE	GROUND
13	1"	TOWER CCL.	STUB THRU BASE	1-N° 1/2 BARE	GROUND
14	1"	TOWER CCL.	STUB THRU BASE	1-N° 1/2 BARE	GROUND
15	1"	CONTROL SEC.	TOWER CCL.	2-N° 1/2	L.T.G.
16	3/8"	TOWER CCL.	TOWER CCL.	2-N° 12	L.T.G.
17	2"	CONTROL SEC.	MANHOLE	4N° 2	FEED TO PANEL LP-A
18	1 1/2"	CONTROL SEC.	do	3N° 2	HOIST 25 HP
19	3"	PUMP N°1	do	3N° 3/4 H.V.	MOTOR FEED
20	3"	PUMP N°2	do	do	do
21	3"	PUMP N°3	do	do	do
22	3"	PUMP N°4	do	3N° 3/4 H.V.	MOTOR FEED
23	3"	PUMP N°1	do	1-2N° 12 CABLE 1-2N° 12 CABLE	W.F. SW. FOR CONTROL OF PUMP PUMP CONTROL
24	3"	PUMP N°2	do	do	do
25	3"	PUMP N°3	do	do	do
26	3"	PUMP N°4	do	1-2N° 12 CABLE 1-2N° 12 CABLE 1-2N° 12 CABLE	W.F. SW. FOR CONTROL OF PUMP PUMP CONTROL
27	1"	W.F. SW.	do	1-2N° 12 CABLE	FOR CONTROL OF PUMP N°1
28	1"	W.F. SW.	do	do	FOR CONTROL OF PUMP N°2
29	1"	W.F. SW.	do	do	FOR CONTROL OF PUMP N°3
30	1"	W.F. SW.	do	1-2N° 12 CABLE	FOR CONTROL OF PUMP N°4
31	1"	PUMP N°1	do	1-N° 1/2	GROUND
32	1"	PUMP N°2	do	do	do
33	1"	PUMP N°3	do	do	do
34	1"	PUMP N°4	do	1-N° 1/2	GROUND
35	2"	PANEL LP-A	do	4N° 2	FEED TO PANEL LP-A
36	1 1/2"	PANEL LP-A	do	2-N° 1/2 3-N° 8	FLOOD L.T.G. LOAD CENTER
37	1 1/2"	PUMP CONTROL	do	do	FUTURE
38	1 1/2"	HOIST HOUSE	do	3-N° 2	HOIST
39	1 1/2"	HOIST HOUSE	do	3-N° 8	LOAD CENTER
40	1 1/2"	CCL.	MANHOLE	1-N° 1/2 BARE	GROUND
41	2"	LEVEL CONTROL	MANHOLE	do	FUTURE



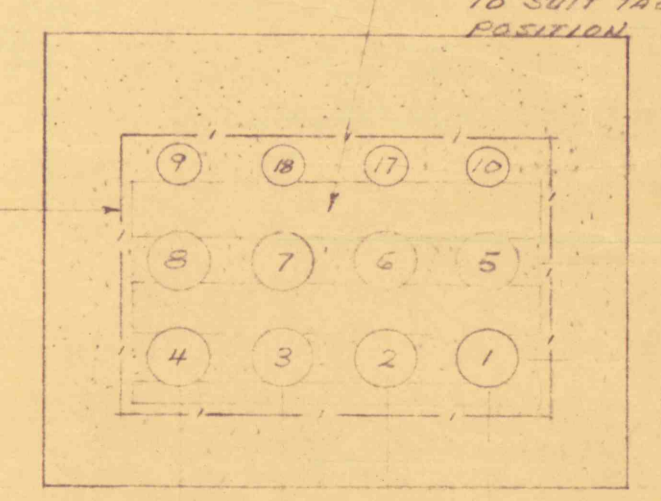
SECTION DD
SCALE 1/4" = 1'-0"



PLAN AT SUB-STATION
SCALE 1/4" = 1'-0"



SECTION CC
SCALE 1/4" = 1'-0"



SECTION AA

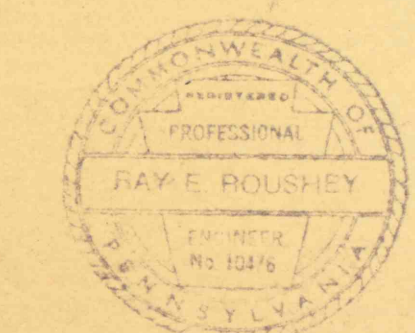
REVISIONS

REVISIONED	7-18-58
REVISED	8-8-58

ELECTRICAL EQUIPMENT - FOUNDATION DETAILS

FLOOD CONTROL PROJECT NO. 13
PA. DEPT. OF MINES & MINERAL INDUSTRIES

GLEN ALDEN CORPORATION
BUTTONWOOD COLLIERY, BUTLER, PA.



AS PER
5-8-58
B.L.R. ATY