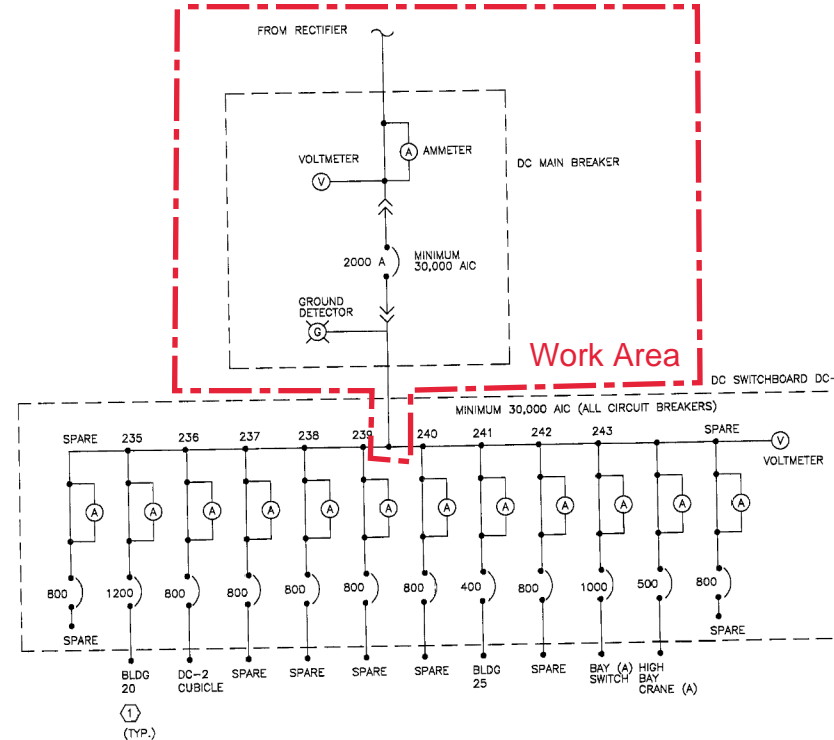
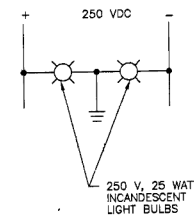


① NEW SUBSTATION 3-B-2
NO SCALE



② DC SYSTEM SWITCHBOARD DC-1
NO SCALE



③ DC GROUND DETECTOR
NO SCALE

NOTES:

1. EXTEND CIRCUIT FROM NEW SWITCHGEAR AND CONNECT TO EXISTING WIRES. CONDUIT SIZE SHALL MATCH EXISTING (3 1/2\"/>

CONDUIT & WIRE SCHEDULE						
FDR No.	FUNCTION	AMPERE	No. CONDUITS	CONDUIT SIZE	No. WIRES PER CONDUIT	WIRE SIZE
A3	MCC CHROME PIT	1200	3	4"	3	600MCM
A4	FURNACE 1	1600	4	4"	3	600MCM
A5	NEW MCC	1600	4	4"	3	600MCM
A6	ELEC. BOILER CH. PIT	1200	3	4"	3	600MCM
A7	RECT. SWBD A	1600	4	4"	4	600MCM
A8	RECT. SWBD B	1200	3	4"	3	600MCM
A9	FURNACE 2	1600	3	4"	3	600MCM
B2	LOAD CENTER 1	600	2	3"	2	350MCM
B3	PHDR	600	2	3"	2	350MCM
B4	LOAD CENTER 2	600	2	3"	2	350MCM
B6	D.C. RECT. XFMR	800	2	4"	2	600MCM
B7	LOAD CENTER 3	800	2	3"	4	350MCM
B8	1000A BUS DUCT	1000	2	4"	4+2/0 GND	750MCM
D.C.	DC BRKR TO DC-1	2000	2	TRENCH	4	750MCM

SK-006-DJF-20220721

Rev.0

B35 Substation OneLine (3B2)

AS BUILT DRAWING

REPLACE ELECTRICAL POWER SERVICES BUILDING 35 SOUTH (3-B-2) ONE LINE DIAGRAM: CONSTRUCTION					
WATERVLIET ARSENAL WATERVLIET, NEW YORK					
Drawn	Name	Date	Rev.	Date	Description
DRAWN	WRO	12/95			0809.050
CHECKED	MRH	12/95			
SUBMITTED			Scale: AS NOTED		
			Date: 12-4-95		
CHIEF ENGINEERING DIVISION			Drawing Number		Sheet
DIRECTOR OF ENGINEERING & HOUSING			5951-35		6