



CONDUIT DUCT BANK SCHEDULE					
DUCT BANK DESIGNATION	CONDUIT DESCRIPTION	DESCRIPTION	CONDUIT SIZE	CONTENTS	NOTES
D1	T1	TELECOMMUNICATION CONDUIT	4"	PROVIDE NYTRON PULLCORD	
	T2	TELECOMMUNICATION CONDUIT	4"	PROVIDE NYTRON PULLCORD	
	T3	TELECOMMUNICATION CONDUIT	4"	PROVIDE NYTRON PULLCORD	
	T4	TELECOMMUNICATION CONDUIT	4"	PROVIDE NYTRON PULLCORD	
D2	P1	CITY OF PORTLAND FIRE ALARM MASTER BOX CIRCUIT	3"	INSA CABLE-(2) 4 CONDUCTOR #12 CABLES	
	P2	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)
	P3	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)
D3	P4	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)
	P5	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)
D4	S1	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S2	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S3	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S4	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S5	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S6	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S7	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
	S8	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIB	4"	4-BROOKDAL	(2)
D5	S9	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S10	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S11	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S12	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S13	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S14	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S15	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
	S16	SECONDARY SERVICE ENTRANCE FEEDERS TO MDSIA	4"	4-BROOKDAL	(2)
D6	E1	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50 KCMIL-G	
	E2	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50 KCMIL-G	
	E3	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50 KCMIL-G	
	E4	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50 KCMIL-G	
	E5	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50 KCMIL-G	
D7	G1	GENERATOR ENCLOSURE #1 POWER PANEL FEEDER	2"	4-F1, & 1-#8G	
	G2	GENERATOR ENCLOSURE #1 POWER PANEL FEEDER	2"	4-F1, & 1-#8G	
D8	F1	GENERATOR CONTROLS	4"	WIRING PER GENERATOR MANUFACTURE	
	F2	GENERATOR CONTROLS	4"	WIRING PER GENERATOR MANUFACTURE	
	F3	GENERATOR #2 CONTROLS	4"	WIRING PER GENERATOR MANUFACTURE	(1)
	F4	LIFE SAFETY CIRCUIT	1"	2-#10, & 1-#10G	
	F5	LIFE SAFETY CIRCUIT	1"	EMPTY CONDUIT FOR FUTURE	
	F6	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50KCMIL-G	
	F7	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50KCMIL-G	
	F8	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50KCMIL-G	
	F9	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50KCMIL-G	
	F10	EMERGENCY GENERATOR FEEDERS	4"	4-BROOKDAL & 1-#50KCMIL-G	
D9	G3	GENERATOR CONTROLS	4"	WIRING PER GENERATOR MANUFACTURE	
	G4	GENERATOR #2 CONTROLS	4"	WIRING PER GENERATOR MANUFACTURE	(1)
D10	F11	LIFE SAFETY CIRCUIT	1"	2-#10, & 1-#10G	
	F12	LIFE SAFETY CIRCUIT	1"	EMPTY CONDUIT FOR FUTURE	(1)
D11	T5	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
	T6	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
D12	T7	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
	T8	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
	T9	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
	T10	FUTURE GENERATOR #2	4"	EMPTY CONDUIT FOR FUTURE	(4)
D13	P6	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)
	P7	PRIMARY SERVICE CONDUIT	5"	PROVIDE NYTRON PULLCORD	(1)

UNDER GROUND CONDUIT DUCT BANK GENERAL NOTES:

- ALL UNDER GROUND CONDUITS SHALL BE PVC SCHEDULE 40. CONDUITS ENTERING MANHOLE EXTENDING OUT 5'-0" FROM WALL SHALL BE RIGID GALVANIZED STEEL. PROVIDE STEEL TO PLASTIC ADAPTER FITTINGS.
- CONDUITS ENTERING BUILDING EXTENDING OUT 5'-0" FROM FOUNDATION WALL SHALL BE RIGID GALVANIZED STEEL. PROVIDE WATER TIGHT SLEEVES THRU FOUNDATION WALLS.
- ELBOWS AND OFFSETS GREATER THAN 30° SHALL BE RIGID GALVANIZED STEEL. PROVIDE STEEL TO PLASTIC ADAPTER FITTINGS.
- CONDUITS SHALL BE PLACED ON PLASTIC SPACERS 4"-0" ON CENTER.
- UNDER GROUND DUCT BANK SHALL BE SET A MINIMUM DEPTH OF 30" BELOW GRADE.
- ALL UNDER GROUND DUCT BANKS SHALL BE ENCASED IN REINFORCED CONCRETE. REINFORCING IRON SHALL BE DETERMINED BY A STRUCTURAL ENGINEER. RED DYE SHALL BE ADDED TO CONCRETE MIXTURE. REINFORCING IRON SHALL BE INTERFACED WITH BUILDING FOUNDATION WALLS TO MINIMIZE SHEERING.
- REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- ALL UNDERGROUND DUCT BANKS SHALL BE COORDINATED WITH NEW AND EXISTING UTILITIES. REFER TO CIVIL DRAWINGS.

- PRIMARY SERVICE CABLE/FEEDER FURNISHED AND INSTALLED BY CMP.
- PARALLEL FEEDERS SERVING MAIN SERVICE SWITCHGEAR MDSA.
- EMPTY CONDUIT FOR FUTURE SERVICE FEEDERS. SEAL CONDUITS BOTH ENDS TO PREVENT WATER AND RODENT ENTRY.
- CONDUIT STUB CAPPED BELOW GRADE FOR FUTURE GENERATOR. SEAL CONDUITS BOTH ENDS TO PREVENT WATER AND RODENT ENTRY.

Revisions
 Addendum #3 12/20/06

FEB 21 2007

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It is the responsibility of the Construction Manager/General Contractor and all Sub-Contractors to verify all dimensions and accept conditions of prior work by related trades before proceeding with any work.

Date
 11/10/06 Final-Issued for Constructi
 Drawn By

Scale
 NONE

Francis
 Cauffman
 Foley
 Hoffmann

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Project Title
 Mercy Health Care
 System of Maine
 FORE RIVER SHORT
 STAY HOSPITAL

Project Number
 F05-4898
 Drawing Title and Number
 ELECTRICAL
 SITE
 DETAILS
 E6-4