

1 BASEMENT PLAN
E101 SCALE: 1:100

LINE TYPES LEGEND		
ITEM	SYMBOL	REMARKS
FIRE RATED WALLS	[Symbol]	1 HOUR, EXISTING

EQUIPMENT LEGEND		
ITEM	SYMBOL	REMARKS
MOTOR, EQUIPMENT	[Symbol]	
ELECTRICAL POWER PANEL	[Symbol]	
DUPLEX PUMP CONTROL PANEL (CP-#)	[Symbol]	
RECEPTACLE 15A, 120V, DUPLEX AT 18" A.F.F.	[Symbol]	

SEWER PUMP/PIT CONSTRUCTION NOTES:

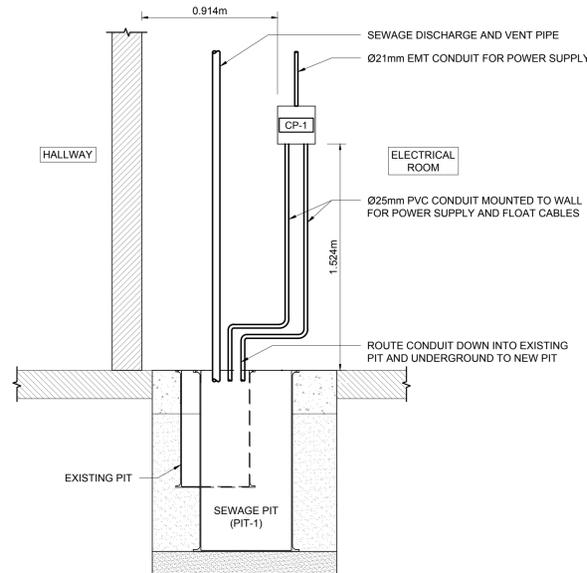
- INSTALL NEW POWER SUPPLY WIRING IN NEW CONDUITS AS SHOWN.
- PUMP CONTROL PANEL, PUMP POWER SUPPLY CABLING, AND FLOAT CABLING TO BE PROVIDED BY MECHANICAL CONTRACTOR WITH PUMP PACKAGE. ELECTRICAL CONTRACTOR TO INSTALL PUMP POWER SUPPLY AND CONTROLS.
- LEAVE EXISTING RECEPTACLE CURRENTLY USED BY EXISTING SEWAGE PUMP AS IS.
- INSTALL FIRESTOP SYSTEMS FOR ALL NEW AND MODIFIED PENETRATIONS THROUGH FIRE RATED SEPARATIONS.

DRAINAGE PUMP/PIT CONSTRUCTION NOTES:

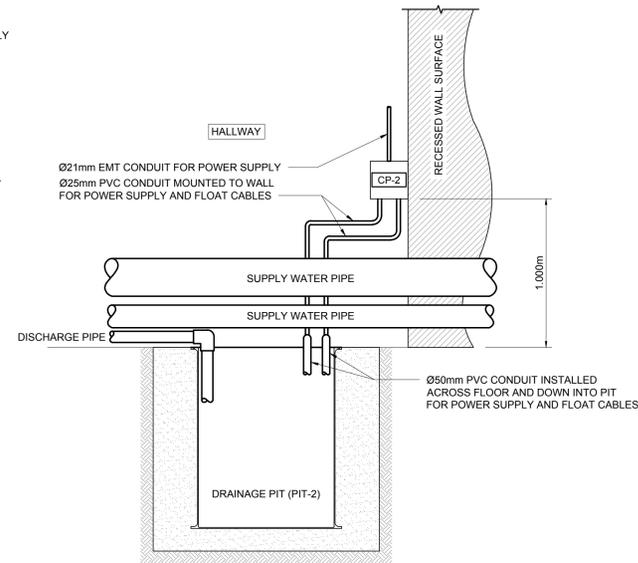
- INSTALL NEW POWER SUPPLY WIRING IN NEW CONDUITS AS SHOWN.
- PUMP CONTROL PANEL, PUMP POWER SUPPLY CABLING, AND FLOAT CABLING TO BE PROVIDED BY MECHANICAL CONTRACTOR WITH PUMP PACKAGE. ELECTRICAL CONTRACTOR TO INSTALL PUMP POWER SUPPLY AND CONTROLS.
- LEAVE EXISTING RECEPTACLE CURRENTLY USED BY EXISTING SEWAGE PUMP AS IS.
- INSTALL FIRESTOP SYSTEMS FOR ALL NEW AND MODIFIED PENETRATIONS THROUGH FIRE RATED SEPARATIONS.

NOTE:

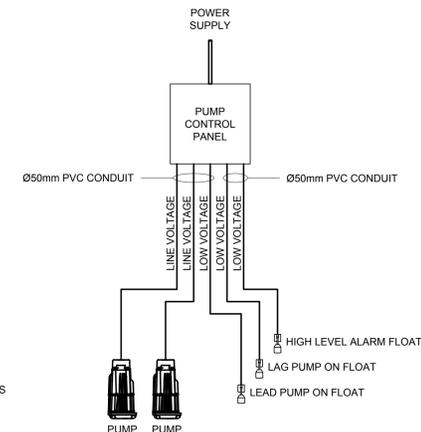
- PANEL INFORMATION:
PANEL B
MANUFACTURER: FEDERAL PIONEER
120/208V 225AMP 3PH 4W
TYPE: NBLP 42B-4L
- BREAKER INFORMATION:
NB SERIES BOLT-ON
MAXIMUM AIR RATING 10KA



2 SEWER PUMP/PIT CONTROL PANEL INSTALLATION DETAIL
E101 SCALE: 1:20

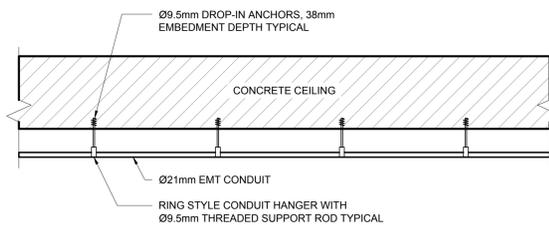


3 DRAINAGE PUMP/PIT CONTROL PANEL INSTALLATION DETAIL
E101 SCALE: 1:20



- NOTE:**
- PUMP CONTROLLER SHALL ALTERNATE LEAD/LAG PUMP.
 - AUDIBLE AND VISUAL HIGH LEVEL ALARM INTEGRATED IN THE CONTROL PANEL.

4 TYPICAL PUMP CONTROL SCHEMATIC
E101 SCALE: N.T.S.



5 CEILING SUSPENDED CONDUIT INSTALLATION DETAIL (TYPICAL)
E101 SCALE: N.T.S.

EQUIPMENT SCHEDULE										
ITEM	EQUIPMENT DESCRIPTION	ELECTRICAL CHARACTERISTICS			STARTER DETAILS		CIRCUITRY INFORMATION			COMMENTS
		HP	FLA	VOLTS/PHASE	TYPE	NEMA SIZE	BREAKER	FEEDER	DISCONNECT	
P-1A	Sewage Pump	4/10	8.5	120/1	Starters integrated in pump control panels.		B-12	2#10+1	Disconnects integrated in pump control panels.	Single circuit provided from existing Panel-B to each pump control panel.
P-1B	Sewage Pump	4/10	8.5	120/1	Starters integrated in pump control panels.		B-12	2#10+1	Disconnects integrated in pump control panels.	Single circuit provide from each control panel to each pump.
P-2A	Drainage Pump	1/2	12.5	120/1	See specifications.		B-13	2#10+1	See specifications.	
P-2B	Drainage Pump	1/2	12.5	120/1	See specifications.		B-13	2#10+1	See specifications.	

Revision	Description	Date
5		
4		
3	ISSUED FOR TENDER (STAMPED)	2018/05/31
2	ISSUED FOR TENDER	2018/03/29
1	99% DESIGN SUBMISSION	2018/02/21
0	50% DESIGN SUBMISSION	2017/11/23

Client: _____ client

PUBLIC WORKS & GOVERNMENT SERVICES

100-167 LOMARD AVENUE
WINNIPEG, MB. R3B 0T6

Project: CORRECTIONAL SERVICE CANADA
STONY MOUNTAIN INSTITUTION
STONY MOUNTAIN, MB

NAB STORM DRAINAGE

Designed by: MAH Conçu par

Drawn by: JF Dessiné par

Approved by: RLG Approuvé par

PWGSC Project Manager: TIM LODGE Administrateur de Projets TPSGC

Drawing Title: BASEMENT PLAN - ELECTRICAL PLAN Titre du dessin

BASEMENT PLAN - ELECTRICAL PLAN