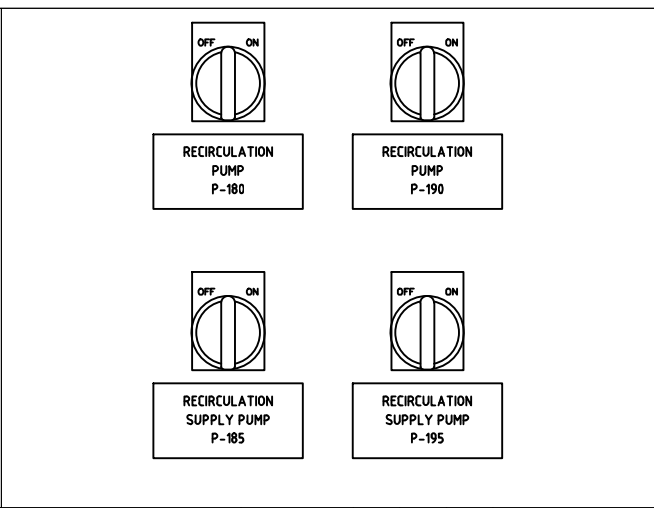
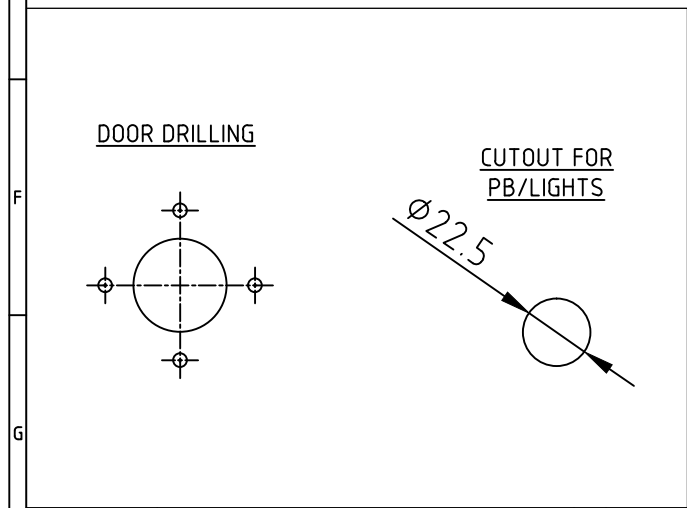


ITEM	QTY	DESCRIPTION
1	1	WIEGMANN, N4/12 SINGLE DOOR WALL MOUNT 36X30X12 IN, N412363012C
2	1	WIEGMANN, SUBPANEL, N412 30X24IN ENCLOSURE W/P/N ENDING IN C, NP3630C
3	1	WIEGMANN, N412 MOUNTING FEET 4 FT W/ HARDWARE, N412MFK
4	1	MERSEN, DISCONNECT SWITCH, NON-FUSIBLE, 100A, 3P, 600 VAC, UL 98, SCV100
5	1	MERSEN, SHAFT, TYPE G, LENGTH 320MM/7.9 IN X10MM THICKNESS, SG320-10
6	1	MERSEN, PISTOL HANDLE, RED, NEMA 12, LONG 4.98 INCH LENGTH HANDLE, TYPE G LONG, HGPRL
7	3	EDISON, DIST BLK, FINGER SAFE, 380A, 6-OUT, 1-IN, 1-POLE, UL LISTED, 1/PK, EPDB306
8	4	EATON, 22 MM METAL RED LED ILLUMINATED 3-POSITION SELECTOR SWITCH, SPRING-RETURN TO CENTER.
9	4	EATON, LEGEND PLATE 22MM "BLANK" ALUMINUM, E22NS36
10	4	OMRON, OMRON, SPDT RELAY, 24 VDC COIL WITH LED INDICATOR, G2R-1-SN-DC24
11	4	OMRON, OMRON, RELAY BASE FOR ITEMS 1 AND 2, P2RF-05E
12		
13	2	FERRAZ SHAWMUT, 3 PHASE, 600V, FINGER SAFE FUSE HOLDER WITH BLOWN FUSE INDICATOR, CLASS CC FUSES.
14	6	FERRAZ SHAWMUT, 3 PHASE, 600V, FINGER SAFE FUSE HOLDER WITH BLOWN FUSE INDICATOR, CLASS J FUSES.
15	6	FERRAZ SHAWMUT, FUSE FOR 10 HP MOTOR, CLASS CC, 30A, CC ATDR30
16	6	FERRAZ SHAWMUT, FUSE FOR 20 HP MOTOR, CLASS J, 35 A, J AJT36
17		
18	2	WEG, WEG SSW06 SOFT STARTER, FOR 10 HP, 575/600 VAC INVERTER DUTY INDUCTION MOTOR, SSW060010T2257ESZ
19	2	WEG, WEG SSW06 SOFT STARTER, FOR 20 HP, 575/600 VAC INVERTER DUTY INDUCTION MOTOR, SSW060023T2257ESZ
20	4	ENTRELEC, FUSED TERM. BLOCK M4/8.SFL, 115.657.25.
21	34	ENTRELEC, TERMINAL BLOCK, M 4/6, WITH TEST SOCKET, 115 217.14
22	1	ENTRELEC, END SECTION, M 4/6, 118 368.16
23	11	ENTRELEC, END STOP (ALL RAILS), 103 002.26
24	0.96	ENTRELEC, ASSY. RAIL, PR30, (2m), DIN 3, 35mm, 173 220.05
25	2	ENTRELEC, RAIL OFFSET BRACKET, TS 0441-SM6, 40mm HIGH, 0101 865.06
26	2	ENTRELEC, VERTICAL, MARKING TAGS, RC610, 1 to 100, 233 060.04
27		
28	1.3	PANDUIT OR EQUAL, WIRING DUCT, 2"W, 4"H ft. WITH COVER, GREY.
29	0.6	PANDUIT OR EQUAL, WIRING DUCT, 1"W, 4"H ft. WITH COVER, GREY.

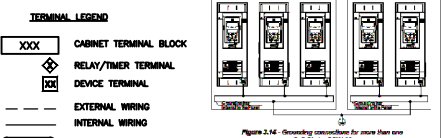
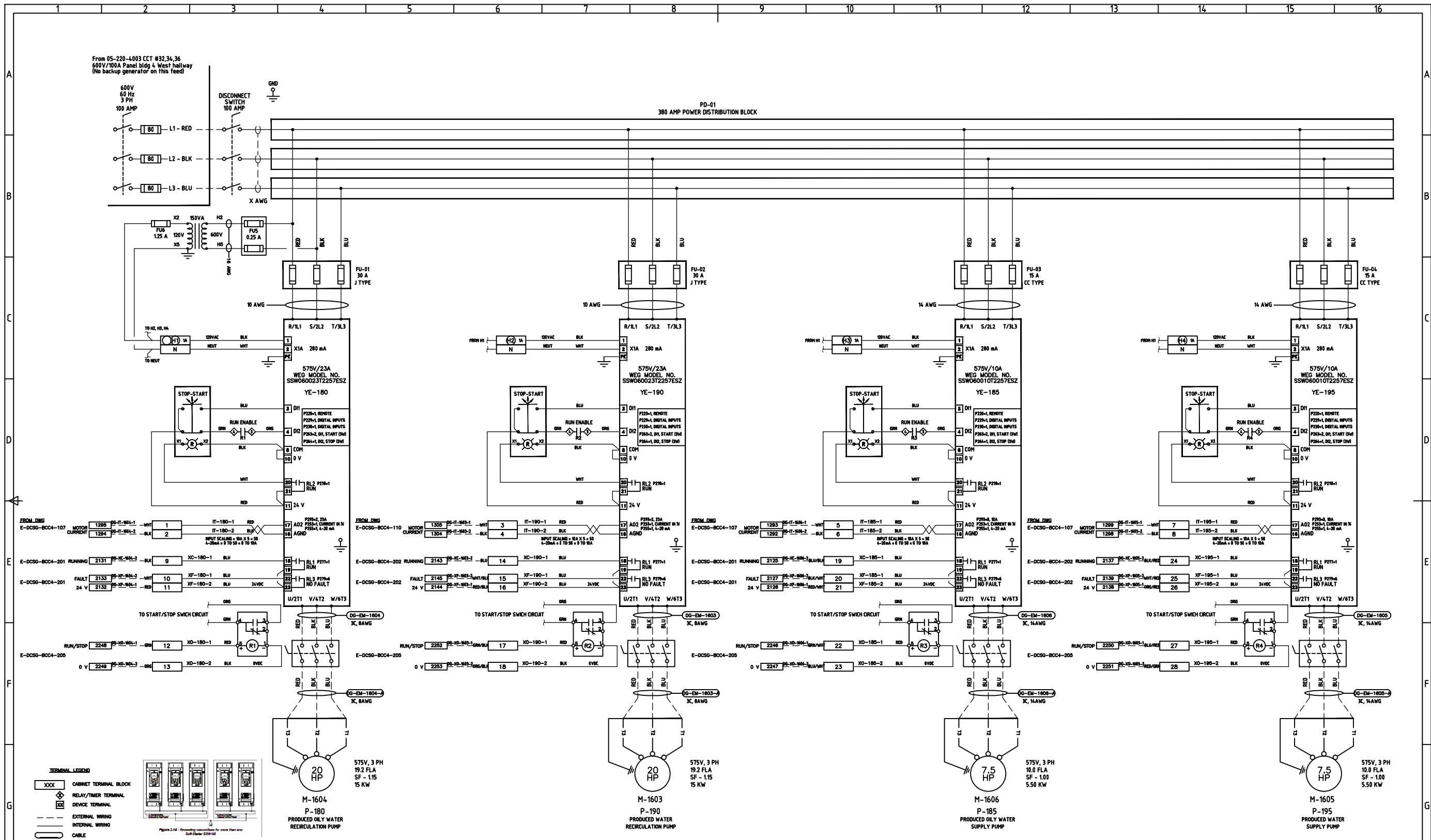


NO.	REVISION DESCRIPTION	DATE (Y/M/D)	DRAWN	CKD	APPD
1	ISSUE FOR TENDER	2017/03/24	RCM		
702	PRODUCED WATER PUMPS - CABLE WIRING	2016/12/12	RCM		
701	PRODUCED WATER PUMPS - CABINET WIRING				

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DESIGNED R. McNAIR	PROJECT NRCAN CANMET DCSG/HIPROX
DRAWN R. McNAIR	TITLE ELECTRICAL DCSG-HIPROX PRODUCED WATER PUMPS CABINET ASSEMBLY DRAWING
CHECKED	
APPROVED	USER E
DATE 2016/11/11	PROJECT DCSG
SCALE NONE	BUILDING BCC4
	DRAWING 700
	REV. 1



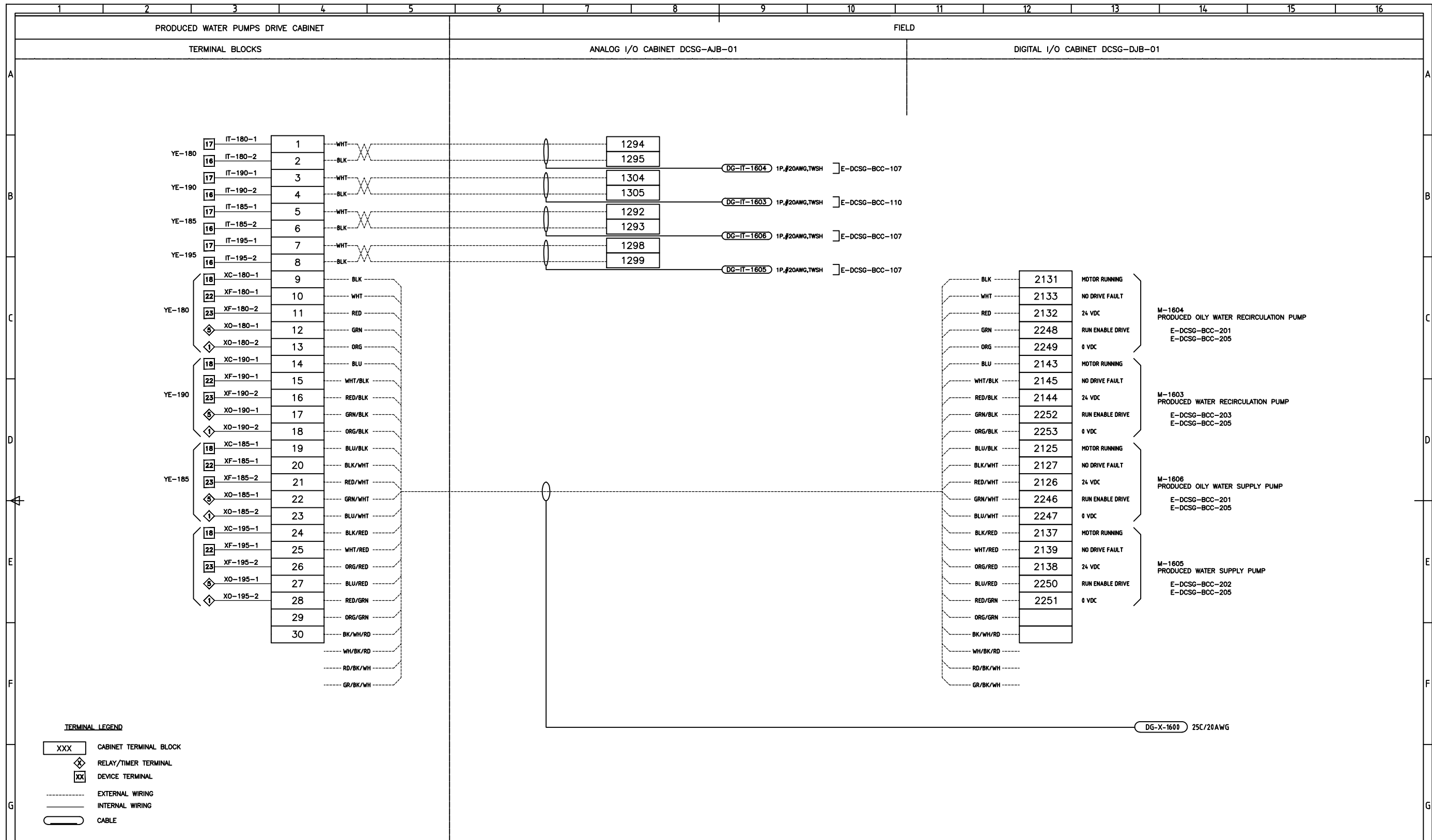
702	PRODUCED WATER PUMPS - CABLE WIRING							
205	DIGITAL OUTPUT WIRING NODE 4 MODULE 5							
202	DIGITAL INPUT WIRING NODE 4 MODULE 2							
201	DIGITAL INPUT WIRING NODE 4 MODULE 1	1	ISSUE FOR TENDER	2017/03/24	RCM			
110	ANALOG INPUT WIRING NODE 2 MODULE 1	0	ISSUE FOR CLIENT REVIEW	2016/12/12	RCM			
107	ANALOG INPUT WIRING NODE 1 MODULE 9	No	REVISION DESCRIPTION	DATE (Y/M/D)	DRAWN	CKD	APPD	
REFERENCE DRAWINGS			REVISION REGISTER					

CLIENT: Natural Resources Canada / Ressources naturelles Canada, CANMET Energy Technology Center / Centre de la technologie de l'énergie de CANMET

DESIGNED: R. McNAIR  
DRAWN: R. McNAIR  
CHECKED: [ ]  
APPROVED: [ ]  
DATE: 2016/11/11  
SCALE: NONE

PROJECT: NRCAN CANMET DCSG/HIPROX  
TITLE: ELECTRICAL DCSG-HIPROX PRODUCED WATER PUMPS CABINET WIRING DIAGRAM

USER	PROJECT	BUILDING	DRAWING	REV.
E	DCSG	BCC4	701	1



701	PRODUCED WATER PUMPS - CABINET WIRING						
205	DIGITAL OUTPUT WIRING NODE 4 MODULE 5						
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201	DIGITAL INPUT WIRING NODE 4 MODULE 1	1	ISSUE FOR TENDER	2017/03/24	RCM		
110	ANALOG INPUT WIRING NODE 2 MODULE 1	0	ISSUE FOR CLIENT REVIEW	2016/12/12	RCM		
107	ANALOG INPUT WIRING NODE 1 MODULE 9	No					
REFERENCE DRAWINGS			REVISION REGISTER				
			REVISION DESCRIPTION	DATE (Y/M/D)	DRAWN	CKD	APPD

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			DRAWN R. McNAIR		TITLE ELECTRICAL DCSG-HIPROX PRODUCED WATER PUMPS CABINET EXTERNAL CABLE WIRING	
CLIENT <b>Canada</b> Natural Resources Canada CANMET Energy Technology Center Ressources naturelles Canada Centre de la technologie de l'énergie de CANMET			CHECKED		USER E	
			APPROVED			
			DATE 2016/11/11		BUILDING BCC4	DRAWING 702
			SCALE NONE		REV. 1	