_	120/	240	VOL	гs	F	PANEL A					
_	1 PHASE		SE	LOCATION PUMPHOUSE			225 A	 АВ	A.BUSSING		
_	3		Wire		200/men			MCC		MT0	
		WATTAGE					WATTAGE		 BE		
CIRC	BKR	ØΑ	ØA ØB Ø	øс	DESCRIPTION	DESCRIPTION	ØA	ØВ	øс	BKR	CIRC
1	15A	210			PUMP ROOM LIGHTING	CHLORINATOR PUMP 1-2	400			15A	2
3	15A	140			GENERATOR ROOM LIGHTING	SUPPLY FAN CONTROL		100		15A	4
5	15A			500	ENGINE CONTROL	CHLORINE MIXER		400		15A	6
7	15A	400			EXTERIOR LIGHTING	HRV UNIT	120			15A	8
9	15A		500		ENG. BLOCK HEATER	RECEPTACLE				15A	10
11	15A			350	FUEL TRANSFER PUMP	CHLORINATOR PUMP 3		400		15A	12
13	30A	350			EXT. ALARM LGT'S	FILTER CONTROL PANEL	200			15A	14
15	15A		300		FURNACE CONTROL CCT	SPARE				15A	16
17	20A			1500	UNDER COUNTER	RECEPTACLE		200		15A	18
19	2P				HOT WATER TANK	RECEPTACLE	400			15A	20
21	15A	50			MOTORIZED DAMPER	RECEPTACLE		300		15A	22
23	15A		50		MOTORIZED DAMPER	RECEPTACLE			400	15A	24
25	15A				EXIT LIGHTING	BATTERY CHARGER				15A	26
27	20A	500			HEAT TRACE CONTROL	EMERGENCY HEAT TRACE		500		20A	28
29	2P				GFI	GFI				2P	30
31	15A			100	EXT. RECEPTACLE	SPARE				15A	32
33	15A				SPARE	SPARE				15A	34
35	15A				SPARE	SPARE				15A	36
37	15A				SPARE	SPARE				15A	38
39	15A				SPARE	SPARE				15A	40
41	15A				SPARE	SPARE				15A	42

★ INDICATES LOCK ON BREAKER

CONNECTED LOAD:

A = 2730 W

B = 2750 W C = 2850 W

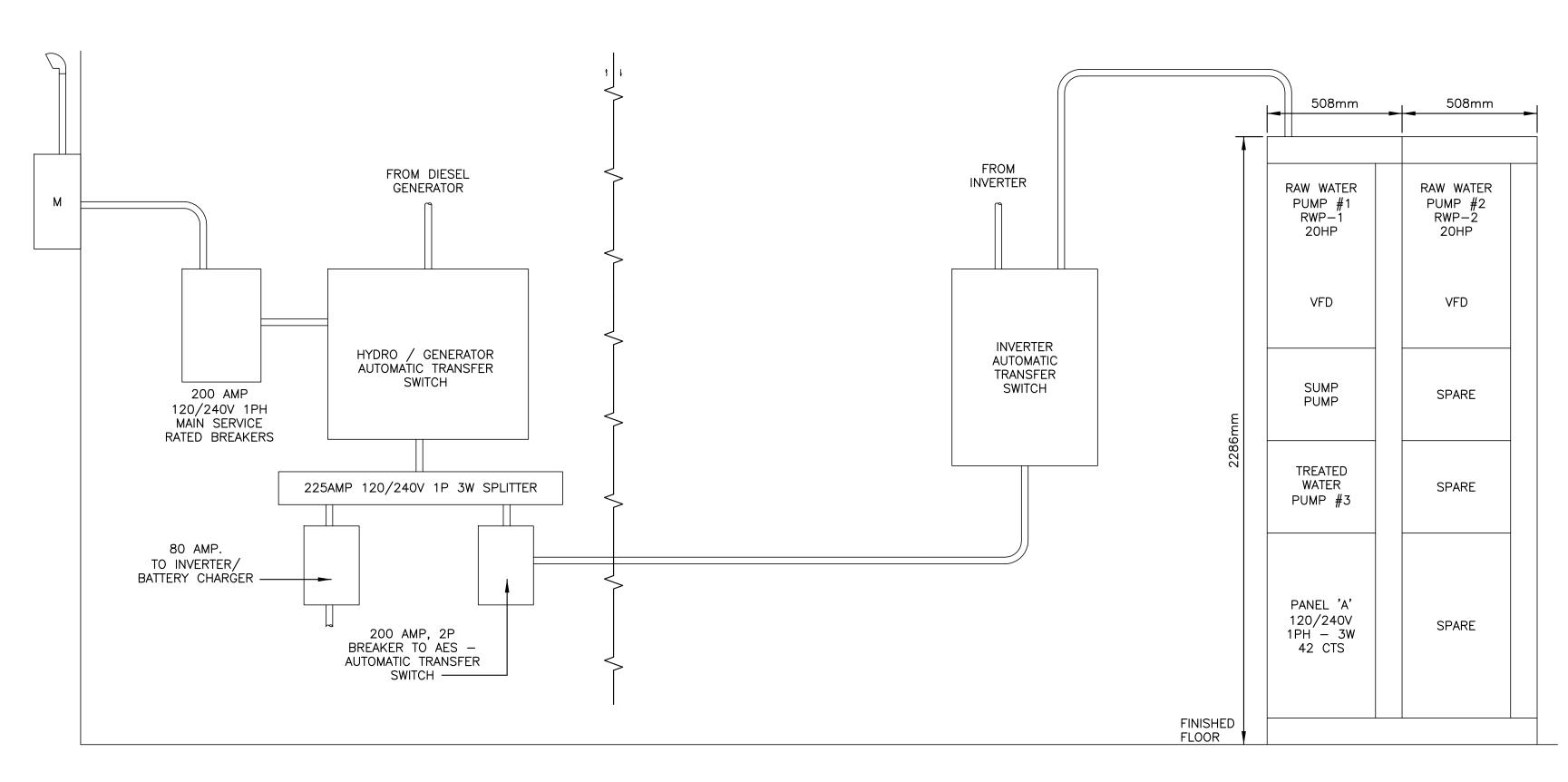
TOTAL = 8330 W

PUMP CONTROL SCHEDULE FUNCTION CONTROL ON_START BUTTON OF FIRE SITUATION RWP-1 RAW WATER PUMP #1 & 2 208/3ph OFF_STOP BUTTON OF FIRE SITUATION 20hp ON_START BUTTON OF TRUCKFILL OFF-STOP BUTTON OF TRUCKFILL TANK OFF_HIGH WATER LEVEL SENSOR OF STORAGE TANK ON AND OFF BY PRESSURE SWITCH TREATED WATER TAP FILL PUMP 120/1ph SUMP PUMP 120/1ph ON AND OFF BY INTEGRAL LEVEL SWITCH 1/3hp

NOTE: ALL PUMPS HAVE HAND-OFF-AUTO CONTROL SWITCH

REFER TO DWG. E4 FOR CONTROL DIAGRAMS.

	VALVE CONTROL SCHEDULE					
NAME	CONTROL					
MV1	OPENS WITH FIRE SITUATION START PUSH BUTTON AND CLOSES WITH FIRE SITUATION STOP PUSH BUTTON					
MV2	CLOSES WHEN MV1 OPENS AND OPENS WHEN MV1 CLOSES					
SV1	CLOSES WITH TRUCKFILL START AND OPENS WITH TRUCKFILL STOP OR TIMER					
SV2	OPENS WITH BUCKETFILL START AND CLOSES WITH BUCKETFILL STOP OR TIMER					



ORIGINAL SIGNED BY ENGINEER

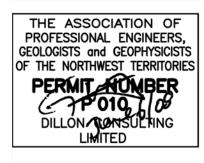
NOT TO SCALE:
PANEL FED FROM MULTIPLE SOURCES

Conditions	of	Use
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Verify elevations and/or dimensions on drawing prior to use. Report any discrepancies to Dillon Consulting Limited.

Do not scale dimensions from drawing.

Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Dillon Consulting Limited.









				SAI	GS
				DRAWN	CHECKED BY
				JPM	GS
				OT IVI	00
				DATE	
3	ISSUED FOR TENDER	06/06/08	GS	JUNE	2008
2	ISSUED FOR 100% CLIENT REVIEW	04/30/08	GS		
1	ISSUED FOR CLIENT REVIEW	03/15/08	GS	SCALE NT	-S
No	ICCLIED EOD	DATE	DV		

ELECTRICAL PANELS AND ELEVATION

TALOYOAK WATER TREATMENT PLANT

TALOYOAK, NUNAVUT

403

07-8107-2000

SHEET NO.