

LEGI	LEGEND SYMBOL	DESCRIPTION
	Ζ.	METER HEAD
	J.B.	JUNCTION BOX
	O	CONTACTOR
	PC	PHOTOCELL
		BREAKER PANEL
		WALL MOUNTED TELEPHONE OUTLET
	•	PROVIDE 119mm BOX C/W SINGLE GANG PLASTER RING (RAISED 13mm) AND 19mm EMT C. (C/W INSTITATED BUISHINGS) REACHING THE TELEPHONE SERVICE
		ENTRANCE. COORDINATE EXACT LOCATION /W LOCAL AUTH
	•	GROUND ROD
	+	GROUND
ED)	CIRCUIT BREAKER
	\Leftrightarrow	REFER TO NOTE 1
	(A)	FIXTURE TYPE 'A'
	GFI	DENOTES GROUND FAULT INTERRUPT
	WP	DENOTES WEATHER PROOF
	F	FIXTURE SCHEDULE
SYMBOL	TYPE	DESCRIPTION
	A	1321mm x 194mm VAPOUR PROOF FLUORESCENT - 2 x 32W T-8 LAMPS - FIBREGLASS REINFORCED POLYESTER HOUSING - SMOOTH VIRGIN ACRYLIC LENS WITH MOLDED CAM ACTION LATCHES AND SILICONE GASKETS - 120V ELECTRONIC BALLAST - SURFACE MOUNTED - WIRE GUARD AND CHAIN SUPPORTS
		WALL MOUNTED FLUORESCENT DOWNLIGHT

ΨØ	Ą		SYMBOL	
(c)	(B)	A	TYPE	归
100mm VAPOURLIGHT FIXTURE - 1 x 100W, INCANDESCENT LAMP - 120V ELECTRONIC BALLAST - VAPOURLIGHT, FULLY ENCLOSED AND GASKETED - WEATHERPROOF, IN DIE—CAST ALUMINUM - CLEAR GLASS PENDANT GLOBE - C/W CAST ALUMINUM GUARD - COORDINATE SUPPORT HARDWARE W/ ARCHITECT	WALL MOUNTED FLUORESCENT DOWNLIGHT - 1 x 70W, HIGH PRESSURE SODIUM - 120V ELECTRONIC BALLAST - WEATHER RESISTANT DIE CAST ALUMINUM HOUSING - SPECULAR ALZAK ALUMINUM - BOROSLICATE GLASS LENS - C/W VANDAL SHIELD	1321mm x 194mm VAPOUR PROOF FLUORESCENT - 2 x 32W T-8 LAMPS - FIBREGLASS REINFORCED POLYESTER HOUSING - SMOOTH VIRGIN ACRYLIC LENS WITH MOLDED CAM ACTION LATCHES AND SILICONE GASKETS - 120V ELECTRONIC BALLAST - SURFACE MOUNTED - WIRE GUARD AND CHAIN SUPPORTS	DESCRIPTION	FIXTURE SCHEDULE

VERIFY WITH THE ELECTRICAL INSPECTION DEPARTMENT THE ACCEPTABILITY OF ANY PRE-WIRING DONE OUTSIDE THE PROVINCE OF NUNAVUT AND ENSURE THAT A PERMIT IS ACQUIRED.

NOTES: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH FINAL ARCHITECTURAL AND MECHANICAL DRAWINGS. NOTIFY THE ENGINEERS OF ANY ERRORS AND/OR OMISSIONS PRIOR TO CONSTRUCTION FOR DIRECTION. DO NOT SCALE THIS DRAWING.

PROVIDE AND INSTALL NEW 50kW/60kVA, 120/208V, 3Ø, 4W EMERGENCY GENERATOR <u>G1</u>.

PROVIDE AND INSTALL BATTERY CHARGER AS INDICATED. COMPLETE CONNECTION FROM CHARGER TO BATTERIES AT GENERATOR.

OVERHEAD INCOMING POWER AND COMMUNICATION SERVICE. PROVIDE ONE (1) 38mm RIGID GALVANIZED CONDUIT STUB TO EXTERIOR OF BUILDING FOR SERVICE ENTRANCE AND SEAL. FEED BLOCK HEATER TERMINAL BOX FROM PANEL $\overline{ ext{DP-A}}$ AS INDICATED. REFER TO PANEL SCHEDULE.

PROVIDE GROUND BUS IN NEW GENERATOR ROOM AS INDICATED. PROVIDE THREE (3) GROUND RODS AS INDICATED. CONNECT GROUND RODS TO GROUND BUS WITH #6 COPPER CONDUCTOR IN PVC CONDUIT.

ISSUED FOR 75% REVIEW

22/03/2013

06/12/2013

03/01/2013

ISSUED FOR 90% REVIEW

ISSUED FOR REVIEW

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PROVIDE FIRE ALARM CONTROL PANEL AND ASSOCIATED FIRE DETECTING DEVICES AND ALARMS AS INDICATED. PROVIDE 3kW, 120/208V, 3Ø ELECTRIC UNIT HEATER EQUIPPED WITH RELAY BASE AS INDICATED. PROVIDE CONDUIT AND WIRE TO THERMOSTAT AS INDICATED. COORDINATE CONNECTION WITH MECHANICAL. REFER TO PANEL SCHEDULE FOR CIRCUIT DETAILS.

PROVIDE POWER FROM PANEL $\overline{\rm DP-A}$ TO CONTROL PANEL $\overline{\rm CP-01}$ PROVIDED BY DIVISION 23. PROVIDE TWO (2) 27mmC EMT CONDUIT FROM CONTROL PANEL TO WATER PUMP STARTERS TO CONTROL THEIR OPERATION. COORDINATE CONNECTION WITH MECHANICAL. ROVIDE TWO (2) HAND-OFF-AUTO COMBINATION MAGNETIC STARTERS COMPLETE WITH 50m (2) AWG TECK CABLE FED FROM PANEL $\underline{\text{DP-A}}$ TO FEED WATER PUMPS $\underline{\text{WP-01}}$ AND $\underline{\text{WP-02}}$ AS VICATED. COORDINATE CONNECTION WITH MECHANICAL. PROVIDE 100A DISCONNECTS IN MAIN UMPING ROOM.

COVIDE POWER FROM PANEL $\overline{\mathrm{DP-A}}$ TO FUEL CONTROL PANEL $\overline{\mathrm{FCP-O1}}$ AS INDICATED. TWO (2) IPLEX FUEL TRANSFER PUMPS AND ONE (1) CONTROL PANEL PROVIDED BY DIVISION 23. FEED EACH WITH SEPARATE FEEDER FROM CONTROL PANEL TO INDIVIDUAL PUMP IN LIQUID TIGHT FLEX. SORDINATE CONNECTIONS WITH DIVISION 23.

PROVIDE 120V CIRCUIT TO LOW VOLTAGE TRANSFORMER FOR CONTROL CONNECTIONS PROVIDED BY DIVISION 23. COORDINATE CONNECTIONS WITH MECHANICAL. PROVIDE COMPLETE 120V CONNECTION FROM PANEL $\overline{\mathrm{DP-A}}$ TO DAMPER MOTORS AS INDICATED. TYPICAL FOR ALL DAMPER MOTOR CONNECTIONS. MOTORIZED DAMPERS SUPPLIED AND INSTALLED BY DIVISION 23.

PROVIDE ONE (1) 27mm RIGID PVC CONDUIT FOR CONTROL WIRING FROM FUEL CONTROL PANEL TO MAIN TANK AS INDICATED. COORDINATE CONDUIT RUN WITH MECHANICAL. PROVIDE ONE (1) 27mm EMT CONDUIT FOR CONTROL WIRING FROM FUEL CONTROL PANEL TO DAYTANK <u>DT-01</u> AS INDICATED. COORDINATE CONDUIT RUN WITH MECHANICAL.

PROVIDE PHOTOCELL AS INDICATED TO CONTROL TYPE B EXTERIOR LIGHTS.

PROVIDE LIGHTING CONTROL CONTACTOR COMPLETE WITH HAND-OFF-AUTO CONTROL. CONNECT TO

ROVIDE UNISTRUT CHANNEL COMPLETE WITH TWO (2) 20A OUTLETS AND TWO (2) HP RATED TOGGLE MITCHES AS INDICATED, TO POWER AND CONTROL THE OPERATION OF MIXER MX-01 AND PUMP $^2-01$ PROVIDED BY OTHERS. LABEL CIRCUITS ACCORDINGLY.

ROVIDE FOUR (4) CHANNEL AUTO—DIALER COMMUNICATION MODULE AS INDICATED INCLUDING SIGNAL RING IN 21mm CONDUIT, AND DRY CONTACTS TO DIAL OUT MAJOR ALARMS AS FOLLOWS:

ONE PAIR: 3 #14 TO SIGNAL GENERATOR ON
ONE PAIR: 3 #14 TO SIGNAL GENERATOR TROUBLE/FAILURE
ONE PAIR: 3 #14 TO SIGNAL LOW BUILDING TEMP
ONE PAIR: 3 #14 TO SIGNAL FIRE ALARM ACTIVATION OVIDE ONE (1) HAND-OFF-AUTO COMBINATION MAGNETIC STARTER COMPLETE WITH WIRE AND NDUIT AS INDICATED, TO FEED DAMPERS $\underline{\text{MD}-05}$ AND $\underline{\text{MD}-06}$. CONNECT TO REMOTE SIGNAL OVIDED BY DIVISION 23, INTERLOCKED TO $\underline{\text{HRV}-01}$.

4W ATS, PROVIDED BY OWNER.

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7		R.M.M.	checked by
	drawing no.	D.O.	drawn by
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