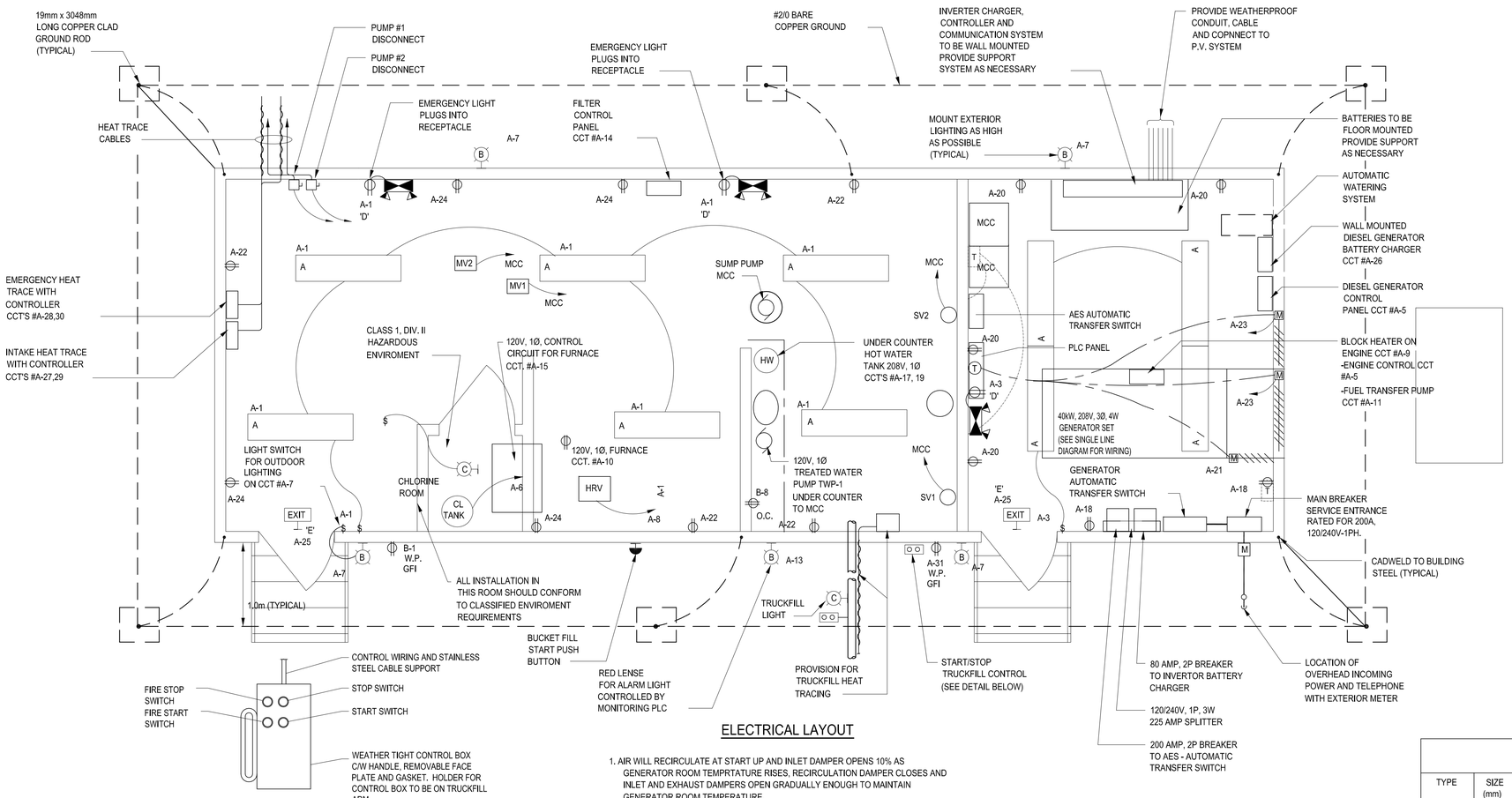
4920 47TH STREET, YELLOWKNIFE NT, X1A 2P1, PHONE 867 920-4555

LEGEND

	LIGHTING OR POWER PANEL(AS NOTED).		DISCONNECT SWITCH
	FLUORESCENT LIGHT FIXTURE		COMBINATION DISCONNECT/STARTER
3 $	SINGLE POLE LIGHT SWITCH (3 DENOTES 3-WAY LIGHT SWITCH)	GFI	GROUND FAULT RECEPTACLE
	DUPLEX RECEPTACLE, 15A, 120V, U-GROUND	(H) EX	HEAT DETECTOR - EXPLOSION PROOF
	JUNCTION BOX	(H)	HEAT DETECTOR
	120V, SINGLE PHASE MOTOR OR MOTORIZED EQUIPMENT	(S)	SPEAKER
	THREE PHASE MOTOR	(B) ST	BELL/HORN C/W STROBE LIGHT
(T)	THERMOSTAT	(B)	BELL/HORN
(U/H)	UNIT HEATER C/W WITH LINE VOLTAGE BUILT-IN THERMOSTAT REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND MODEL NUMBER).	(P)	PULL STATION
	EMERGENCY BATTERY UNIT C/W ASSOCIATED RECEPTACLE		FIRE ALARM CONTROL PANEL
	REMOTE EMERGENCY HEADS		
MD	MOTORIZED DAMPER, 120V (EXPLOSION PROOF IF SO NOTED)		



ELECTRICAL LAYOUT

1. AIR WILL RECIRCULATE AT START UP AND INLET DAMPER OPENS 10% AS GENERATOR ROOM TEMPRTATURE RISES, RECIRCULATION DAMPER CLOSES AND INLET AND EXHAUST DAMPERS OPEN GRADUALLY ENOUGH TO MAINTAIN GENERATOR ROOM TEMPERATURE.
2. PROVIDE SUITABLE THERMOSTAT TO CONTROL DAMPERS.

START-STOP SWITCH

LUMINARIE SCHEDULE

TYPE	SIZE (mm)	WATTAGE	LAMPS	VOLTAGE	LENS	MOUNTING	MANUFACTURER	COMMENTS
A	300 x 1200	32W/CW T8 OCTRON	2	120	-	SURFACE (CEILING)	LITHONIA 2LB-2-32-120-GEB10IS CSA	-18 C ELECTRONIC BALLAST
B	260 X 360	70W HPS CLEAR	1	120	POLYCARB WIRE CAGE	SURFACE (WALL)	HOLOPHANE WP2B-070HP-12-B2-PA	-30°C BALLAST C/W CAT.NO.13004 PHOTO-CELL
C	270 X 248	35W HPS CLEAR	1	120	POLYCARB WIRE CAGE	SURFACE (ON FILL ARM)	CROUSE-HINDS "CARETAKER" HPCT-35-120V-LL-PE	-30°C BALLAST C/W PHOTO-CELL
D	241 X 273	12W HALOGEN	2	120	-	SURFACE (WALL)	LITHONIA TITAN M1272-120-CS -M1212-CSA	-
E	311 X 197	1W LED	MULTIPLE	120	-	SURFACE (CEILING)	LITHONIA LK-S-W-1-R-120-ELN-CSA	DC SOCKET C/W 12V LAMP

ORIGINAL SIGNED BY ENGINEER

Conditions of Use

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.

THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS and GEOPHYSICISTS OF THE NORTHWEST TERRITORIES PERMIT NUMBER P 019 DILLON CONSULTING LIMITED

REGISTERED PROFESSIONAL ENGINEER S. IZADPANAH N.W.T.

Nunavut

DILLON CONSULTING

No.	ISSUED FOR	DATE	BY
3	ISSUED FOR TENDER	06/06/08	GS
2	ISSUED FOR 100% CLIENT REVIEW	04/30/08	GS
1	ISSUED FOR CLIENT REVIEW	03/15/08	GS

DESIGN	SAI
REVIEWED BY	GS
DRAWN	JPM
CHECKED BY	GS
DATE	JUNE 2008
SCALE	NTS

TALOYOAK WATER TREATMENT PLANT
TALOYOAK, NUNAVUT

PROJECT NO. 07-8107-2000

ELECTRICAL LAYOUT

SHEET NO. 401

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