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CONSULTANTS



NOT FOR
CONSTRUCTION

PERMIT / STAMP

15	02/06/022	ISSUED FOR ADDENDUM
14	12/05/022	ISSUED FOR CONSTRUCTION
13	29/04/022	ISSUED FOR PRE-TENDER CHECK SET
12	26/03/021	ISSUED FOR CLIENT REVIEW (100%)
11	24/02/021	ISSUED FOR REVIEW
10	17/02/021	ISSUED FOR CLIENT REVIEW (100%)
9	12/02/021	ISSUED FOR COORDINATION
8	05/02/021	ISSUED FOR COORDINATION
7	25/01/021	ISSUED FOR CLASS A ESTIMATE
6	15/01/021	ISSUED FOR COORDINATION
5	12/06/020	ISSUED FOR 95% REVIEW
4	03/11/020	ISSUED FOR OWNER REVIEW
3	03/05/020	ISSUED FOR REVIEW
2	12/20/019	ISSUED FOR REVIEW
1	11/29/019	ISSUED FOR 50% REVIEW

REV	DATE	DESCRIPTION
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CLIENT

CITY OF IQALUIT
OPERATIONS CENTRE

1549 FEDERAL ROAD
IQALUIT, NUNAVUT
X0A 0H0

CLIENT PROJECT NO. 820837

TITLE:
ELECTRICAL LEGEND
AND DRAWING LIST

SCALE: N/A
PROJECT NUMBER: 2019.00800
DRAWN BY: ES

E001

LEGEND

POWER	
	15A 120V DUPLEX RECEPTACLE
	20A 120V DUPLEX RECEPTACLE
	15A 120V DUPLEX RECEPTACLE - GFCI
	15A 120V QUAD RECEPTACLE
	20A 120V SPLIT-WIRED DUPLEX RECEPTACLE
	RECEPTACLE AS NOTED
	15A 120V DUPLEX RECEPTACLE - FLOOR
	15A 120V QUAD RECEPTACLE - FLOOR
	120V CONNECTION TO DISHWASHER
	120V CONNECTION TO OVERHEAD DOOR. PROVIDE DISCONNECT SWITCH AND ALL NECESSARY ROUGH-IN FOR PUSH BUTTON.
	120V CONNECTION TO AUTOMATIC DOOR OPERATOR. PROVIDE ALL NECESSARY ROUGH-IN FOR PUSHBUTTONS.
	PANEL AS NOTED
	DISCONNECT SWITCH
	MOTOR WITH DISCONNECT SWITCH
	PUSHBUTTON 'H' DENOTES PUSHBUTTON FOR AUTOMATIC DOOR OPERATOR

LIGHTING	
	LUMINAIRE - TROFFER - CEILING MOUNT
	LUMINAIRE - WALL MOUNT
	LUMINAIRE - POINT SOURCE - CEILING
	LUMINAIRE POINT SOURCE - WALL MOUNT
	OCCUPANCY SENSOR PASSIVE DUAL TECHNOLOGY WITH DIMMING - CEILING MOUNTED
	OCCUPANCY SENSOR PASSIVE DUAL TECHNOLOGY - CEILING MOUNTED
	OCCUPANCY SENSOR PASSIVE DUAL TECHNOLOGY - WALL MOUNTED
	SPST SWITCH
	3-WAY SWITCH
	DIMMER SWITCH - WALL MOUNTED
	SWITCH BANK SWITCH CONTROL FOR SPECIFIC GROUP OF FIXTURES

FIRE ALARM	
	FIRE ALARM - SMOKE DETECTOR
	FIRE ALARM - HEAT DETECTOR
	FIRE ALARM - MULTI-SENSOR (SMOKE AND HEAT)
	FIRE ALARM - MANUAL PULL STATION
	CARBON MONOXIDE DETECTOR
	FIRE ALARM PANEL
	FIRE ALARM - REMOTE ANNUNCIATOR PANEL
	FIRE ALARM - HORN/STROBE
	COINQ2 DETECTOR
	FIRE ALARM SPRINKLER CONNECTION F = FLOW T = TAMPER P = PRESSURE

LIFE SAFETY	
	EMERGENCY LIGHTING - DUAL HEAD REMOTE. "RH" DENOTES REMOTE LIGHTING HEADS FED FROM BATTERY UNIT WITH CORRESPONDING DESIGNATION
	EMERGENCY LIGHTING - BATTERY UNIT WITH TWO LIGHTING HEADS. "EBRH" DENOTES BATTERY UNIT DESIGNATION
	EXIT LIGHT - ARROW INDICATES DIRECTION OF EGRESS. "EXRH" DENOTES EXIT SIGN FED FROM BATTERY UNIT WITH CORRESPONDING DESIGNATION
	EXIT LIGHT - WALL MOUNT - ARROW INDICATES DIRECTION OF EGRESS

TELECOMMUNICATIONS	
	VOICE/DATA OUTLET - WALL MOUNT - 2xVOICE, 2x DATA U.N.C.
	DATA OUTLET - FLOOR - 2xVOICE, 2x DATA
	CAT5 DATA CABLING IN 27mm DIA EMT CONDUIT
	DATA OUTLET - WAP

ACCESS CONTROL AND SECURITY	
	ACCESS CONTROL PULL BOX - 203mm x 203mm x 125mm
	ACCESS CONTROL DOOR CONTACT
	ELECTRIC STRIKE
	REQUEST TO EXIT SENSOR
	ACCESS CONTROL PANEL
	ACCESS CONTROL CARD READER
	MAGNETIC DOOR LOCK

CCTV	
	CCTV CAMERA - WALL OR CEILING MOUNTED AS REQUIRED
INTRUSION ALARM	
	INTRUSION ALARM DOOR CONTACT
	INTRUSION ALARM GLASS BREAK DETECTOR
	INTRUSION ALARM KEYPAD
	INTRUSION ALARM MOTION SENSOR
	INTRUSION ALARM SIREN
	INTRUSION ALARM ALARM PANEL
	INTRUSION ALARM EXPANDER MODULE
MECHANICAL	
	THERMOSTAT LOCATION - CONTRACTOR TO PROVIDE CONDUIT AND WALL BOX C/W PULL STRING

ABBREVIATIONS

TV-OUTLET DESIGNATED FOR A TELEVISION. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.

MW-OUTLET DESIGNATED FOR A MICROWAVE. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.

WP-DENOTES WEATHERPROOF DEVICE

HK-HOUSEKEEPING

FR-OUTLET DESIGNATED FOR REFRIGERATOR.

ELECTRICAL DRAWING LIST

- E001 ELECTRICAL LEGEND AND DRAWING LIST
- ES10 ELECTRICAL SITE PLAN
- ED10 EXISTING BUILDING DEMO AND RENOVATION WORKS, FIRST FLOOR
- ED20 EXISTING BUILDING DEMO AND RENOVATION WORKS, SECOND FLOOR
- EL10 LIGHTING SYSTEM, FIRST FLOOR
- EL20 LIGHTING SYSTEM, SECOND FLOOR
- EP10 POWER SYSTEM, FIRST FLOOR
- EP20 POWER SYSTEM, SECOND FLOOR
- EY10 LIFE SAFETY SYSTEMS, FIRST FLOOR
- EY20 LIFE SAFETY SYSTEMS, SECOND FLOOR
- E500 SCHEDULES - ELECTRICAL PANELS
- E600 ELECTRICAL SINGLE LINE DIAGRAM
- E700 SCHEDULES - LUMINAIRE, MECHANICAL EQUIPMENT
- E800 FIRE ALARM SINGLE LINE DIAGRAM
- T500 SCHEDULES - TELECOMMUNICATIONS
- T501 TELECOMMUNICATIONS DETAILS
- T502 TELECOMMUNICATIONS SYSTEMS DIAGRAMS
- T503 TELECOMMUNICATIONS ELEVATION DETAILS
- T504 TELECOMMUNICATIONS ELEVATION DETAILS
- T505 SECURITY SYSTEMS DIAGRAM
- TN10 TELECOMMUNICATIONS PLAN, FIRST FLOOR
- TN20 TELECOMMUNICATIONS PLAN, SECOND FLOOR
- TA10 ACCESS CONTROL AND SECURITY, FIRST FLOOR
- TA20 ACCESS CONTROL AND SECURITY, SECOND FLOOR
- TV10 CCTV SYSTEM, FIRST FLOOR
- TV20 CCTV SYSTEM, SECOND FLOOR
- TM10 INTRUSION ALARM SYSTEM, FIRST FLOOR
- TM20 INTRUSION ALARM SYSTEM, SECOND FLOOR