

IT IS MANDATORY THAT BAXTER BE INFORMED FOR COORDINATION OF SHOP DRAWINGS OF ANY OTHER COMPONENTS, DEVICES OR OBSTRUCTIONS THAT MAY EFFECT THE LOOP OR WATER ROOM LAYOUT AND INSTALLATION

RESPONSIBILITY FOR CORING THROUGH ANY PARTITION WALLS OR FLOOR ARE UNDER THE DUTIES OF DIVISION 15, NOT BAXTER

RESPONSIBILITY FOR REPAIR SEALING FIRESTOP OR SMOKE SEAL AS A RESULT OF CORING OR SHIELDING INSTALLED THROUGH ANY PARTITION FALLS UNDER THE DUTIES OF DIVISION 15, NOT BAXTER

+ ELECTRICAL WORK/INSTALLATION/BAXTER SUPPLY TRANSFORMER TO POWER THE R.O./HW UNITS  
+ ALL HAND TERMINATED CAT-6e CABLES INSTALLED MUST BE TESTED FOR DATA TRANSFER RATE AND CONTINUITY. TESTING DATA CERTIFICATE(S) MUST BE PROVIDED TO BAXTER  
+ REMOTE ALARM(S), CLINIC PANEL, DUPLEX JUNCTION BOX(S) (LOCATION GIVEN BY THE HOSPITAL)  
+ ALL CONDUIT RUNS  
+ ALL WIRE CONTAINED WITHIN CONDUIT RUNS  
ABOVE NOTED WORK FALLS UNDER THE RESPONSIBILITY OF DIVISION 16

TYPICAL ALARM CONDITIONS:  
a) NORMAL OPERATION  
b) LEVEL A ALARM  
c) LEVEL B ALARM  
d) DISINFECTION CYCLE

CAT 6e CABLE  
ELECTRICAL POWER  
8 CONDUCTOR 20-22 AWG BELDEN CABLE

LEGEND

NOTE: 1 (PER EACH)

CLINIC PANEL: MOUNT - 1436mm (56.5") ABOVE FINISHED FLOOR AT THE NURSE STATION. OTHERS TO PROVIDE AND INSTALL 3 x DUPLEX JUNCTION BOXES GANGED TOGETHER AT 1848mm (72.8") IN-LINE WITH THE CLINIC PANEL. OTHERS TO PROVIDE 1 x 120 VOLT-15A POWER RECEPTACLE TO J-BOX#1. 120 VOLT POWER TO BE ON HOSPITAL EMERGENCY GENERATOR CIRCUIT. OTHERS TO PROVIDE CAT6e ETHERNET CABLE WITHIN CONDUIT FROM RO # 1 [2] TO J-BOX#2. TERMINATE CAT6e CABLE ENDS WITH MALE RJ45 AT EACH END. LEAVE EXTRA 3-5 FOOT CABLE EACH END. OTHERS TO PROVIDE 1 x 8 CONDUCTOR 20-22 AWG BELDEN CABLE FROM J-BOX#3, TO ALARM LIGHT TOWER IN TECHNICAL ROOM OR OTHER HOSPITAL DESIGNATED SPACE (TO BE CONFIRMED). LEAVE EXTRA 3-5 FOOT CABLE AT EACH END. ALL ELECTRICAL, CONDUIT & CABLES ARE SUPPLIED & INSTALLED BY OTHERS

NOTE: 2

CWP-800 BUILDING AUTOMATION SYSTEM: OTHERS TO PROVIDE CONDUIT AND 8 CONDUCTOR 20-22 AWG CABLE FROM B.A.S. NODE PANEL TO EACH CWP-800 CLINIC PANEL. EACH CLINIC PANEL PROVIDES 2 DRY CONTACTS (K2/K3) FOR ALARM MONITORING

NOTE: 3

PROVIDE CONDUIT, ONE DUPLEX JUNCTION BOX, 8 CONDUCTOR 20-22 AWG BELDEN CABLE FROM EACH CLINIC PANEL TO EACH ALARM LIGHT TOWER AND BUZZER IN HOSPITAL DESIGNATED LOCATION. LEAVE 3-5 FOOT EXTRA CABLE EACH END. BAXTER TO TERMINATE

NOTE: 4

PROVIDE 1" CONDUIT + CAT 6e CABLE c/w MANUFACTURED RJ-45 ENDS BETWEEN CWP800 RO UNIT 1 [2] + HOT WATER UNIT 1 [2]. DO NOT INTERCONNECT RO SYSTEMS. LEAVE EXTRA 3-5 FOOT CABLE CURLED WITHIN EA. RO & HW UNITS. WIRE & CONDUIT BY OTHERS

NOTE: 5

OTHERS TO PROVIDE CONDUIT & CAT 6e CABLE FROM HOSPITAL ETHERNET SWITCH TO PRE-TREATMENT MONITOR PANEL LOCATION. CONDUIT MOUNTED 2235 (88.0") AFF. LEAVE 5' EXTRA CABLE CURLED @ END OF CONDUIT.

NOTE: 6

OTHERS TO PROVIDE 1 x 1" CONDUIT FROM RO # 1 TO PRE-TREATMENT PANEL LOCATION. MOUNT CONDUIT 2235 (88.0") AFF. PROVIDE CAT 6e CABLE c/w RJ45 MALE MANUFACTURED ENDS. LEAVE EXTRA 5 FOOT CABLE COILED UP BOTH ENDS. CONDUIT/CABLE/BY OTHERS

NOTE: 7 CHLORINE/HARDNESS MONITORS:

OTHERS TO PROVIDE 1 x 1" CONDUIT FROM RO # 2 TO HARDNESS MONITOR PANEL LOCATION. MOUNT CONDUIT @ PANEL, 2235 (88.0") AFF. PROVIDE CAT 6e CABLE c/w RJ45 MALE MANUFACTURED ENDS. LEAVE EXTRA 5 FOOT CABLE COILED UP BOTH ENDS. CONDUIT/CABLE/BY OTHERS

OTHERS TO PROVIDE 1 x 1" CONDUIT FROM RO # 2 TO CHLORINE MONITOR PANEL LOCATION. MOUNT CONDUIT @ PANEL, 2235 (88.0") AFF. PROVIDE CAT 6e CABLE c/w RJ45 MALE MANUFACTURED ENDS. LEAVE EXTRA 5 FOOT CABLE COILED UP BOTH ENDS. CONDUIT/CABLE/BY OTHERS

REVISION HISTORY

No.	Description.	Date
0	Issued for Information	12.15.22
1	Added PreTx Monitor System	08.23.23

**Baxter**  
6675 Millcreek Drive  
Unit #1&2  
Mississauga, Ontario  
LSN 5M4

Project Name:  
**SHN Centenary Site**  
**Margaret Birch Gr FI Expansion**  
Drawing Title: **Low Voltage Elevation**  
Drawn By: **RG** Approved By:  
Scale: **D.N.S.** Project #:  
Drawing #:  
**051221-02-02** Rev #:  
**1**

NOTE: 50 KVA POWER TRANSFORMER MUST BE LOCATED WITHIN AN MECHANICAL OR ELECTRICAL SPACE

