

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

CLINIC PANEL ~ 1431MM (56.3") AFF AT NURSING STATION AND OR TECHNICAL ROOM. CAT 6e ETHERNET WIRING WITHIN CONDUIT FROM THE RO # 1 TO THE NURSING STATION/TECHNICAL ROOM & 120 VOLT 15 AMP DUPLEX POWER RECEPTACLE ARE BY OTHERS. POWER TO BE ON HOSPITAL EMERGENCY GENERATOR CIRCUIT

+ 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

THE CLINIC PANEL ASSEMBLY AND ALARM TOWER WILL BE PROVIDED, INSTALLED AND TERMINATED BY BAXTER AT THE PRE-DETERMINED LOCATION, GIVEN BY THE HOSPITAL.

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

**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 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 END 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	Updated Customer Backgrounds	08.23.23
2	Updated Customer Backgrounds	11.30.23



6675 Millcreek Drive  
Unit #1&2  
Mississauga, Ontario  
L5N 5M4

Project Name:  
**SHN Centenary Site  
Margaret Birch Gr FI Expansion**

Drawing Title: **Control Wiring (ROOM)**

Drawn By: RG

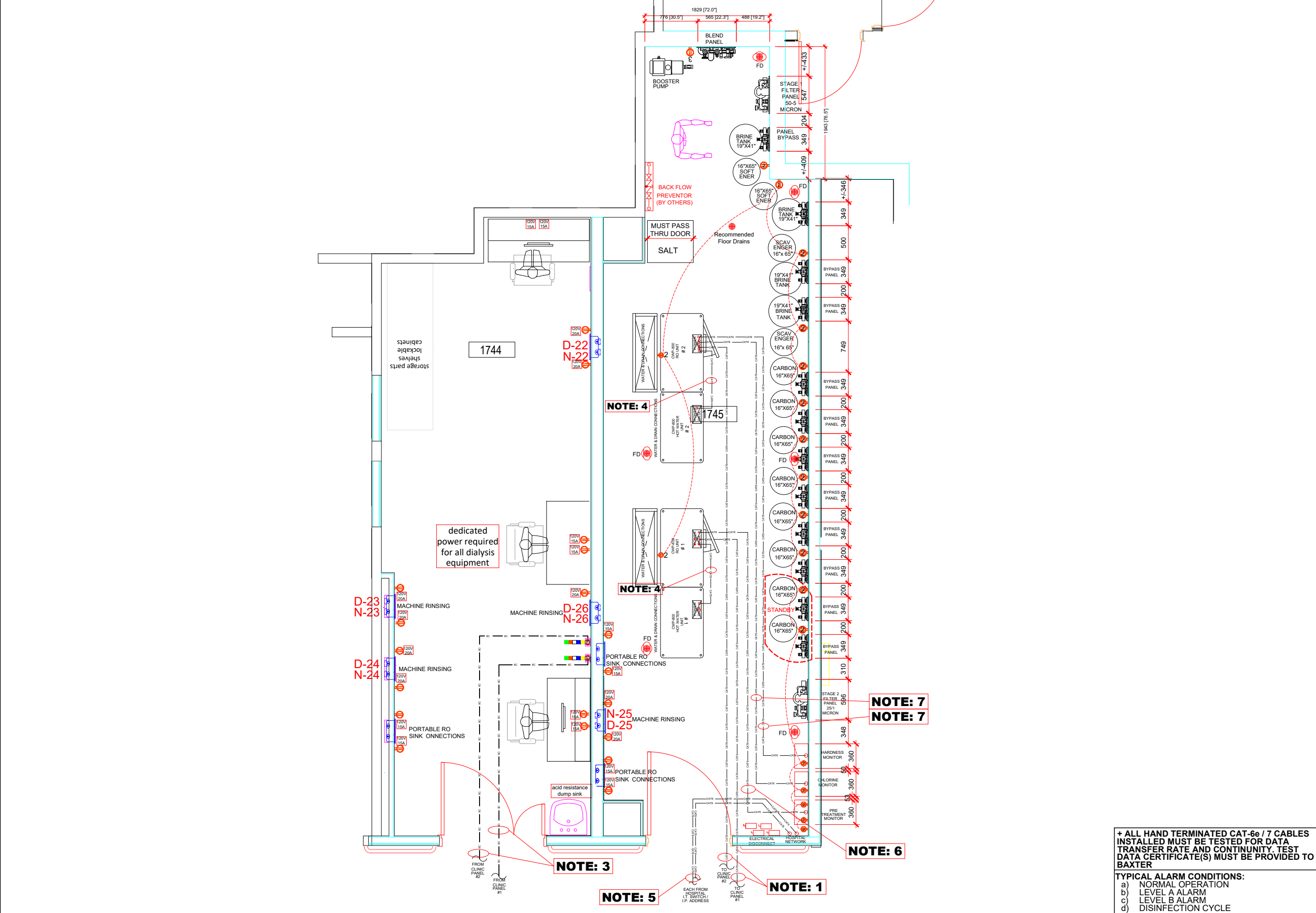
Approved By:

Scale: D.N.S.

Project #:

Drawing #:  
**051221-04-02**

Rev #:  
**2**



+ ALL HAND TERMINATED CAT-6e / 7 CABLES INSTALLED MUST BE TESTED FOR DATA TRANSFER RATE AND CONTINUITY. TEST DATA CERTIFICATE(S) MUST BE PROVIDED TO BAXTER

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