

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

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

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

LEGEND

NOTE: 1

ALL CIRCUIT # 2 BREAKERS AT ELECTRICAL PANEL BOX ARE 115 VAC, 15 AMP-GFI, DEDICATED CIRCUIT ON EMERGENCY POWER. DUPLEX RECEPTACLES FOR CIRCUIT 2 ARE HOSPITAL GRADE, 120 VAC, 15 AMP HEAVY DUTY, GROUNDED, MOUNTED 88 INCHES (2235 MM) ABOVE FINISHED FLOOR PAD.

NOTE: 2

CIRCUIT # 3 BREAKER AT ELECTRICAL PANEL BOX IS 250 VAC, 15 AMP, , DEDICATED CIRCUIT ON EMERGENCY POWER. SINGLE RECEPTACLE IS 250 VAC, 15 AMP (TYPE 6-15R) HEAVY DUTY, GROUNDED, MOUNTED 20 INCHES (500MM) AFF. **BOOSTER PUMP SPEC:** 208 VAC, 20A, 1 PHASE, 1 HP. NON GFI CIRCUIT (PLUG-IN)

NOTE: 3

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: 4

POWER REQUIREMENTS:

1) RO UNIT (ea):

380-415V / 3Ph / 5WIRE / 60Hz /9.5kW
16 -20 A (S/B FUSE)

2) HOT WATER UNIT (ea):

380-415V / 3Ph / 5WIRE / 60Hz / 8.6kW
16-20 A (S/B FUSE)

NOTE: 5

TRANSFORMER: (By Baxter)

PRIMARY: OR PRIMARY:

208 Volts	600 Volts	SECONDARY:
3 Phase	3 Phase	380-415 Volts
5 WIRE	5 WIRE	3 Phase
60 Hz	60 Hz	5 WIRE
50 KVA	50 KVA	60 Hz
193 Kg ΔY	248 Kg ΔY	

NOTE: 6

1) CIRCUIT @ PORTABLE RO RINSING 115 VAC, 15 AMP-GFI, DEDICATED CIRCUIT ON EMERGENCY POWER.
2) CIRCUIT @ MACHINE RINSING 115 VAC, 20 AMP GFI, DEDICATED CIRCUIT ON EMERGENCY POWER
DUPLEX RECEPTACLES FOR BOTH CIRCUITS ARE HOSPITAL GRADE, 120 VAC, 15 & 20 AMP HEAVY DUTY, GROUNDED, MOUNTED ~ 8-12" INCHES (203-305 mm) ABOVE BAXTER SINK.
NOTE: TOP OF BAXTER SINK FLANGE = 32" AFF

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

Baxter

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

Project Name:

**SHN Centenary Site
Margaret Birch Gr FI Expansion**

Drawing Title: **Electrical Layout**

Drawn By: RG

Approved By:

Scale: D.N.S.

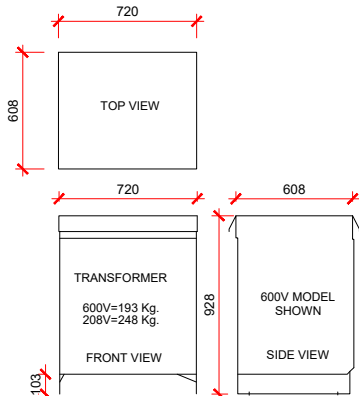
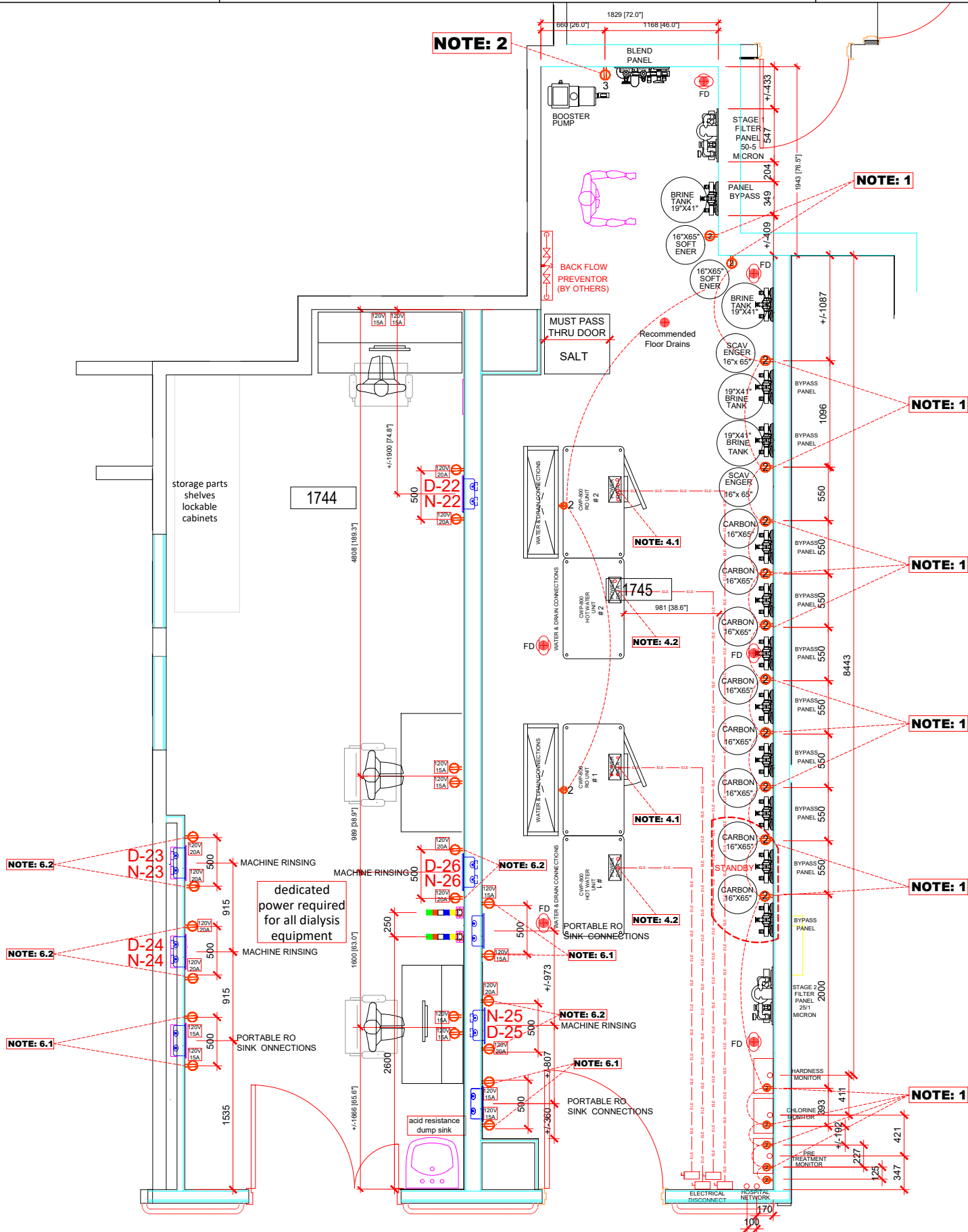
Project #:

Drawing #:

051221-00-02

Rev #:

2



NOTE: 50 KVA POWER TRANSFORMER MUST BE LOCATED WITHIN A MECHANICAL, ELECTRICAL OR CEILING SPACE