

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

MINIMUM INLET WATER FLOW & [PRESSURE] L/min @ 10°C (single & series configurations listed) (Parallel Configuration multiply x 2)
1(+1) membrane modules 37 [0.03 MPa]
2(2+) membrane modules 72 [0.06 MPa]
3(3+) membrane modules 99 [0.10 MPa]
4(+4) membrane modules 117 [0.13 MPa]

MINIMUM OUTLET CAPACITY L/min @ 10°C COUNTER PRESSURE of 0.3 MPa (single & series configurations listed. Parallel Config x 2)
1(+1) membrane modules 24
2(2+) membrane modules 49
3(3+) membrane modules 69
4(+4) membrane modules 82

MINIMUM DRAIN REQUIREMENTS: 40 Litres / minute per RO unit

BOOSTER PUMP: 208V / 15A / 1 HP
NON GFI CIRCUIT
RECEPTACLE: 6-15R (HEAVY DUTY)

LEGEND

REVERSE OSMOSES WATER

INSULATED PEX PIPING

PRETREATED WATER

WATER TO DRAIN

FLOOR DRAIN POINT

NOTE: 1
FD: 4" (INCH) DRAIN WITH OVAL FUNNEL. MINIMUM FLOW FROM EACH RO MACHINE IS 40 LPM. DRAIN PIPE MUST BE INSTALLED AS CLOSE AS POSSIBLE TO THE DIMENSIONS GIVEN IN THIS DRAWING

NOTE: 2
BLEND PANEL: PANEL TO BE SUPPLIED & INSTALLED BY BAXTER AT 2250 MM (88.5") ABOVE FINISHED FLOOR. OTHERS TO PROVIDE & CONNECT 1 INCH COPPER HOT AND 1 INCH COPPER COLD WATER SUPPLY LINES COMPLETE WITH ¼ TURN BALL VALVES. COMBINED WATER SUPPLY AFTER MIXING VALVE MUST BE A MINIMUM OF 70 LITRES PER MINUTE AT A MINIMUM PRESSURE OF 60 P.S.I. COPPER PIPE MUST BE FED DIRECTLY FROM A MAIN SOURCE AND MUST COMPLY WITH LOCAL PLUMBING CODES. BACKFLOW PREVENTERS MAY BE REQUIRED.

NOTE: 3
FLOOR DRAIN: IT IS RECOMMENDED TO LOCATE FLOOR DRAINS WITHIN THE WATER ROOM THAT COINSIDES WITH EXISTING FLOOR SLOPE

NOTE: 4
BACKFLOW PREVENTOR: OTHERS TO PROVIDE BACK FLOW PREVENTORS ON HOT & COLD WATER SUPPLY. IT IS RECOMMENDED TO INSTALL BACKUP (DOUBLE) B.F.P. TO ENSURE CONTINUOUS OPERATION OR RO WATER SUPPLY

NOTE: 5
COLD CITY WATER TO FEED PORTABLE RO RINSE SINKS

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

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Project Name:		SHN Centenary Site Margaret Birch Gr FI Expansion	
Drawing Title:		Plumbing Layout	
Drawn By:	RG	Approved By:	
Scale:	D.N.S.	Project #:	
Drawing #:		Rev #:	
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