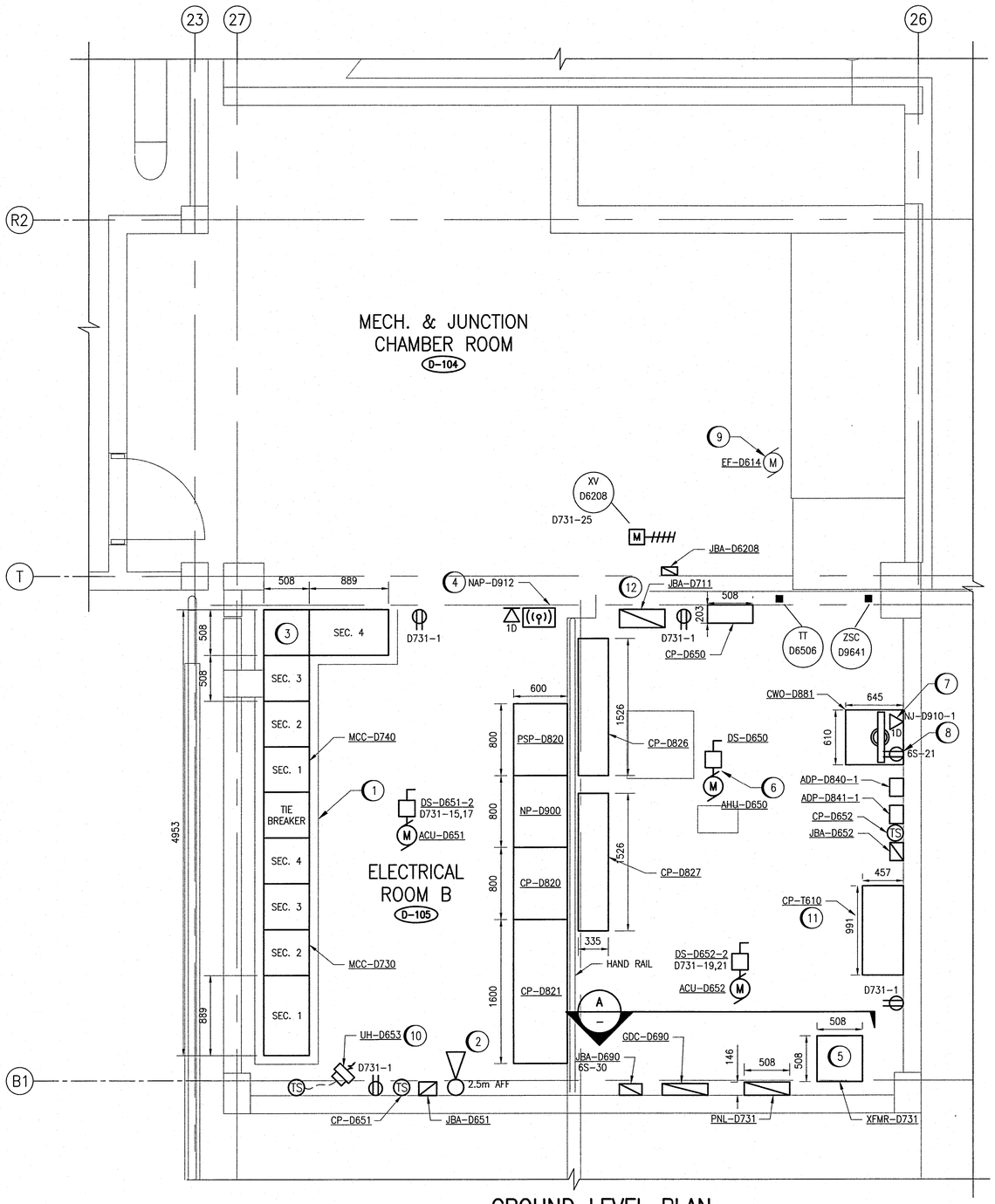
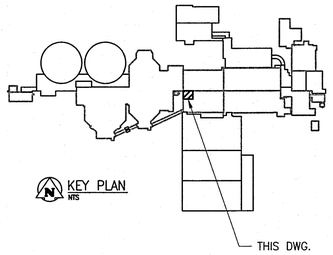
A1 SIZE – 594mm x 841mm



GROUND LEVEL PLAN

1 : 30

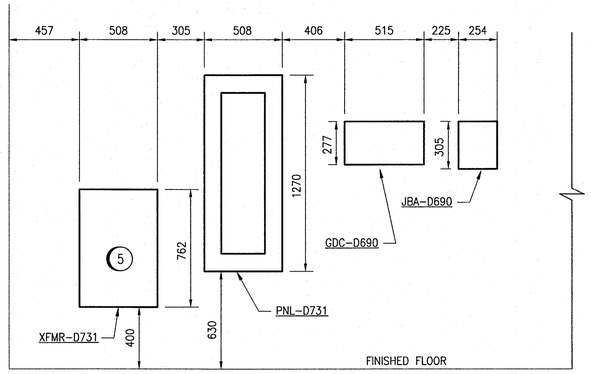


GENERAL NOTES:

1. REFER TO DRAWING 1-0102-EGAD-D001 FOR GENERAL NOTES.

SPECIFIC NOTES:

1. PROVIDE HOUSEKEEPING PAD 89mm HIGH, EXTEND 100mm ON EACH SIDE OF THE EQUIPMENT WITH 19mm CHAMFERED EDGES. PROVIDE REINFORCEMENT AND ANCHOR PAD TO FLOOR SLAB.
2. PROVIDE 15 WATT SPEAKER (MODEL: TOA, SC-615T) ASSOCIATED WITH FACILITY PUBLIC ADDRESS SYSTEM. DIAL SPEAKER SETTING TO 5 WATTS. MOUNT SPEAKER AT HEIGHT INDICATED AND CLEAR OF OBSTRUCTIONS. PROVIDE CABLING AND CONDUIT. CONNECT TO EXISTING PUBLIC ADDRESS SYSTEM, POWER AMPLFIER 1, CHANNEL 4. REFER TO DRAWING EWDG-A001. TYPICAL
3. PROVIDE CORNER TRANSITION SECTION (C/W APPROPRIATE SHIPPING SPLITS) IN MCC-D740 TO ALLOW FOR INSTALLATION OF MCC LINEUP AS SHOWN.
4. PROVIDE NETWORK ACCESS POINT (NAP-D912). DEVICE TO BE MOUNTED 150mm BELOW THE CEILING. PROVIDE DATA RECEPTACLE FOR NAP-D912 C/W CAT6 CABLING TO ADMIN NETWORK PANEL NP-S906. REFER TO AGAD-S001.
5. MOUNT TRANSFORMER ON WALL AT LEAST 400mm ABOVE FINISHED FLOOR. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED.
6. AHU-D650 TO BE CEILING MOUNTED.
7. PROVIDE DATA RECEPTACLE C/W CAT6 CABLING TO AUTOMATION NETWORK SWITCH LOCATED IN NETWORK CABINET NP-D900, ELECTRICAL ROOM B (THIS DRAWING).
8. PROVIDE RECEPTACLE FED FROM PNL-6S. REFER TO DWG AGAD-S001 FOR LOCATION OF PNL-6S.
9. EXISTING JUNCTION CHAMBER EXHAUST FAN EF-D614 (OLD TAG R681-EF) TO REMAIN. EXHAUST FAN IS FED FROM MCC-S710 (OLD TAG MCC-1S).
10. REFER TO DRAWING EWDG-D003 FOR WIRING DIAGRAM OF UH-D653.
11. CONTROL PANEL FOR ROOFTOP AIR HANDLING UNIT COMPLETE WITH VFD. PROVIDE ALL WIRING/CABLING REQUIRED BY THE AIR HANDLING UNIT MANUFACTURER FOR OPERATION OF THEIR PACKAGED SYSTEM AS PER MANUFACTURER PROVIDED SHOP DRAWINGS. COORDINATE WITH MANUFACTURER AS REQUIRED TO INCLUDE ALL COSTS AT TIME OF TENDER. PROVIDE WIRE AND CABLE IDENTIFICATION CONSISTENT WITH THE CITY'S IDENTIFICATION STANDARD. WIRING/CABLING TO BE ARMOURED CABLE UNLESS OTHERWISE APPROVED BY THE CONTACT ADMINISTRATOR. REFER TO DRAWINGS AILD-T610 AND EGAD-T002.
12. THE TOP OF PANEL TO BE 1700mm ABOVE FLOOR FINISH. REFER TO DWG. ECBD-D004 FOR PANEL DETAILS.



A EQUIPMENT ELEVATION

1 : 20

REFERENCE DRAWINGS	DESCRIPTION
1-0102-ECBD-D003	MCC-D730 & MCC-D740 LAYOUT AND SCHEDULE
1-0102-EAAA-A001	ELECTRICAL, LEGEND AND DETAILS

1:30 300 0 600 1200

1:20 200 0 400 800

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	VVE	DEB

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: V. ELIMBAN	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: MJ. PERSSON	APPROVED BY: D. BECKER
SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/06/08	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL: PROVINCE OF MANITOBA D.E. BECKER Member 23646 REGISTERED PROFESSIONAL ENGINEER April 5 2017

Winnipeg THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
ELECTRICAL – POWER LAYOUT
FERMENTERS/THICKENERS
ELECTRICAL ROOM B, MECH. AND JUNCTION CHAMBER ROOM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-EGAD-D002	001	00	A1

LAST SAVE: 2017/03/24 – 2:21pm
PATH: C:\Users\persm2\DWG\1-0102-EGAD-D002.dwg

PLOT DATE: Mar 24, 2017 – 2:21pm

FILE NAME:1-0102-EGAD-D002.dwg