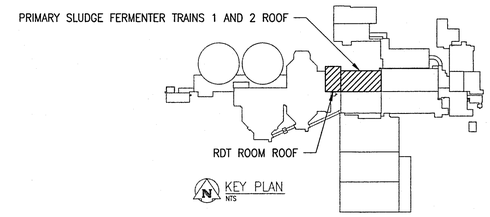
A1 SIZE – 594mm x 841mm

GENERAL NOTES:

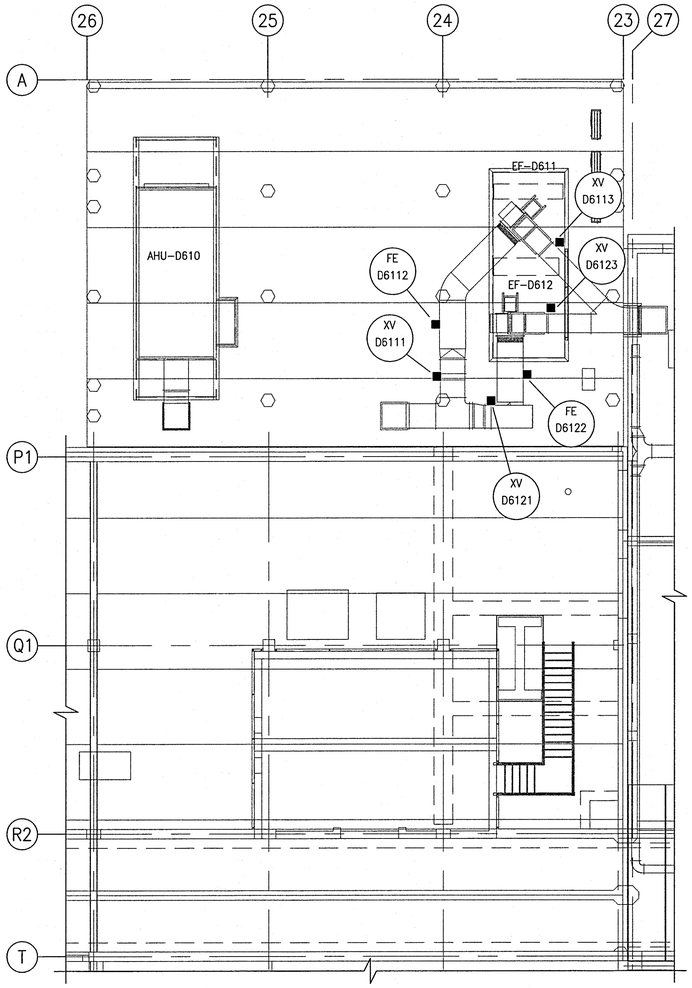
1. ALL EQUIPMENT SHOWN IN THIS DRAWING IS NEW AND IS TO BE PROVIDED BY THE CONTRACTOR.
2. THIS DRAWING SHOWS AN EXISTING LOCATION. ALL EXISTING EQUIPMENT IN THESE AREAS WILL BE REMOVED.
3. ALL CONDUIT SHALL BE RIGID, THREADED ALUMINUM CONDUIT.
4. THERE ARE STRUCTURAL EXPANSION JOINTS IN THE FACILITY (NOT SHOWN ON ELECTRICAL). PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING THE JOINTS. DO NOT LOCATE RIGID DEVICES ACROSS OR ON TOP OF THE EXPANSION JOINTS.
5. NOT ALL JUNCTION BOXES ARE SHOWN. REFER TO OTHER DESIGN DOCUMENTS FOR JUNCTION BOXES TO BE PROVIDED. PROVIDE ALL JUNCTION BOXES SHOWN IN THE DESIGN DOCUMENTS AND OTHERS AS NEEDED FOR WIRING CONNECTIONS IN THE FIELD.

SPECIFIC NOTES:

1. MOUNT FLOW ELEMENT ABOVE GRADE. PROVIDE CONDUIT SLEEVE IMBEDDED IN CONCRETE DUCT WALL FOR INSERTION OF SENSOR.
2. PROVIDE UNISTRUT SUPPORT FOR PANEL MOUNTING.
3. MOUNT LEVEL SWITCH AT HEIGHT OF 0.6m ABOVE TANK BOTTOM.
4. MOUNT LEVEL SWITCH AT HEIGHT OF 2.5m ABOVE TANK BOTTOM.
5. 0.9M RADOUS AROUND HATCHES, EQUIPMENT AND ODOUR DUCTING IS A CLASS I, ZONE 2 AREA. INSTRUMENTATION IN THESE AREAS SHALL BE SUITABLE FOR THIS AREA CLASSIFICATION SEE DWG. EHLC-D002.
6. SEE ADTL-D001 FOR LEVEL TRANSMITTER INSTALLATION DETAIL.
7. INSTALL THE INSTRUMENT OUTSIDE THE CLASSIFIED AREA.

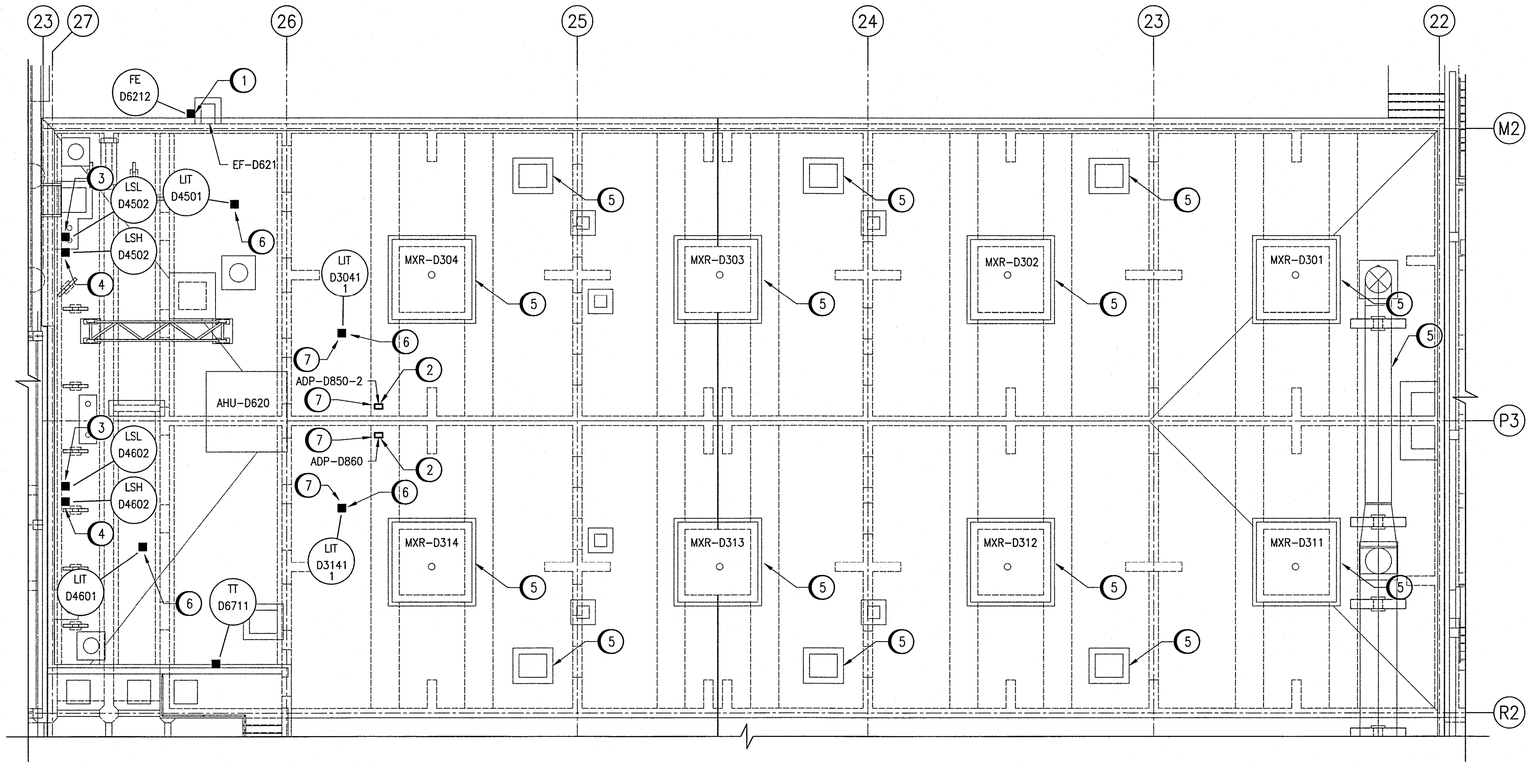


KEY PLAN
NTS



RDT ROOM ROOF PLAN

1 : 100



FERMENTER TRAIN 1 AND 2 ROOF PLAN – EL. 235.925

1 : 100

REFERENCE DRAWINGS	DESCRIPTION
–	–

1:100 1000 0 2000 4000

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

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2017	2017/04/05	MW	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: M. WANG	CHECKED BY: T. CHURCH
DRAWN BY: J. GRAGASIN	APPROVED BY: E. RYCZKOWSKI
SCALE: 1:100	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/06/29	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T.M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Apr. 5, 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – INSTRUMENT LOCATION PLAN
FERMENTERS/THICKENERS
ROOF PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-AGAD-D004	001	00	A1

PLOT DATE: Apr 01, 2017 – 10:39am
FILE NAME:1-0102-AGAD-D004.dwg

LAST SAVE: 2017/04/01 – 10:39am
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