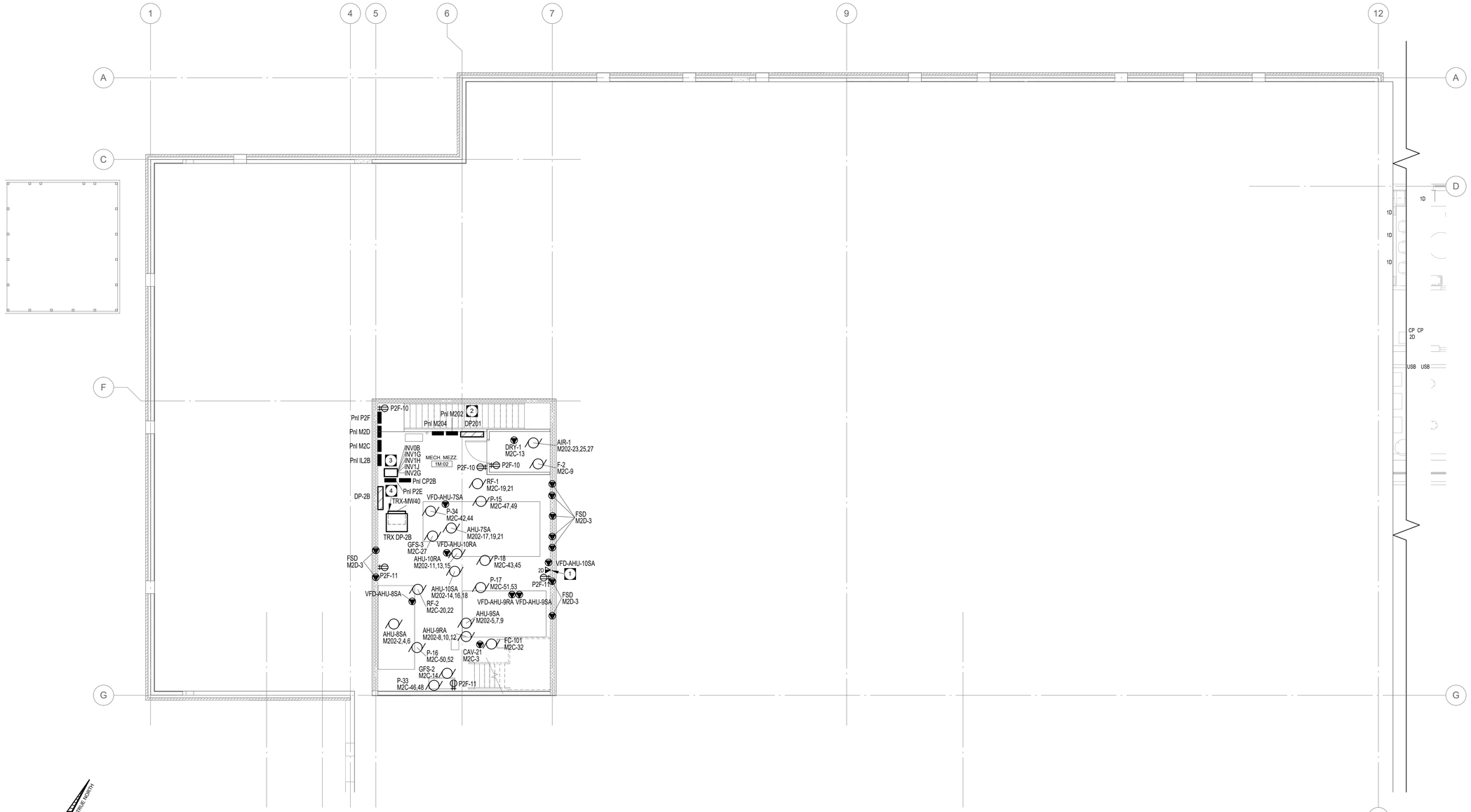

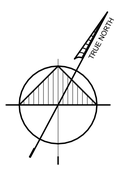

1 EP2.2 SECOND FLOOR PLAN WEST - POWER

SCALE 1 : 100

KEY NOTES

1 COORDINATE LOCATION OF DATA OUTLET FOR BAS SYSTEM WITH MECHANICAL CONTRACTOR.
2 PROVIDE STEEL CHANNEL SUPPORT FOR ELECTRICAL EQUIPMENT TO FACILITATE MOUNTING ALONG THIS WALL.
3 PROVIDE STEEL CHANNEL SUPPORT FOR EMERGENCY LIGHTING INVERTERS TO FACILITATE MOUNTING VERTICALLY IN STACK.
4 TRANSFORMER SHALL BE LOCATED ABOVE TRX-DP2B. SUSPEND TRANSFORMER FROM ROOF STRUCTURE USING THREADED ROD AND STEEL CHANNEL SUPPORTS. PROVIDE VIBRATION ISOLATION.

GENERAL NOTES

A. WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
B. PROVIDE LOCKABLE ENCLOSURES WITH COMMON KEY ON ALL STARTERS AND DISCONNECT SWITCHES LOCATED IN PUBLIC AREAS. KEYS SHALL BE HANDED OVER TO OWNER AT END OF PROJECT.
C. FINAL CONNECTION TO ALL MECHANICAL EQUIPMENT SHALL BE FLEXIBLE. CONFIRM FINAL CIRCUIT BREAKER AND WIRE SIZE WITH MECHANICAL EQUIPMENT SHOP DRAWINGS. ADJUST CIRCUIT BREAKER AND WIRE SIZE AS REQUIRED WITHOUT ADDITIONAL COST TO OWNER.
D. PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. MINIMUM REQUIREMENTS: 100mm (4"),HIGH, 4% AIR ENTRAINED, POLY FIBER REINFORCED CONCRETE, 100mm (4") LONGER THAN EQUIPMENT TO BE PLACED ON IT. REFER TO STRUCTURAL DETAIL DRAWINGS FOR HOUSEKEEPING PADS THAT MAY EXCEED THESE REQUIREMENTS.
E. COORDINATE LOCATION AND MOUNTING HEIGHT OF ELECTRICAL DEVICES IN CRAWLSPACE WITH ALL DISCIPLINES AND TRADES PRIOR TO INSTALLATION.
F. COORDINATE FINAL LOCATION OF ELECTRICAL WITH FURNITURE LAYOUTS PRIOR TO ROUGH-IN.
G. HOMERUN ALL COMMUNICATIONS CABLING BACK TO NEAREST IDC ROOM UNLESS SPECIFICALLY NOTED OTHERWISE.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Epp Siepman Engineering Inc.
No. 4035

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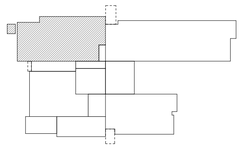

BUILDING KEYPLAN - SECOND

SCALE 1 : 2000

LM esp
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No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	JS/MP	24-04-01

SEAL

PROVINCE OF MANITOBA
M. G. PENNER
Member
23792
2024-04-01
LICENSED PROFESSIONAL ENGINEER

EW DRAWN	MP/KG CHECKED	KG DESIGNED	MP/KG APPROVED
DATE 2024-04-01	USER APPROVAL		

Winnipeg

THE CITY OF WINNIPEG
ASSETS & PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT

PEMBINA TRAILS COLLEGIATE
VOCATIONAL WING
TENDER NO. 954-2023B

50 FRONTIER TRAIL, WINNIPEG, MANITOBA, R3Y 2H1

SHEET TITLE

Second Floor West - Power Plan

SCALE	PROJECT No:	SHEET No:
As indicated	2020-127	EP2.2

DRAWING SHEET SIZE: A1 (594x841) PLOT 1:1
ESE 24049