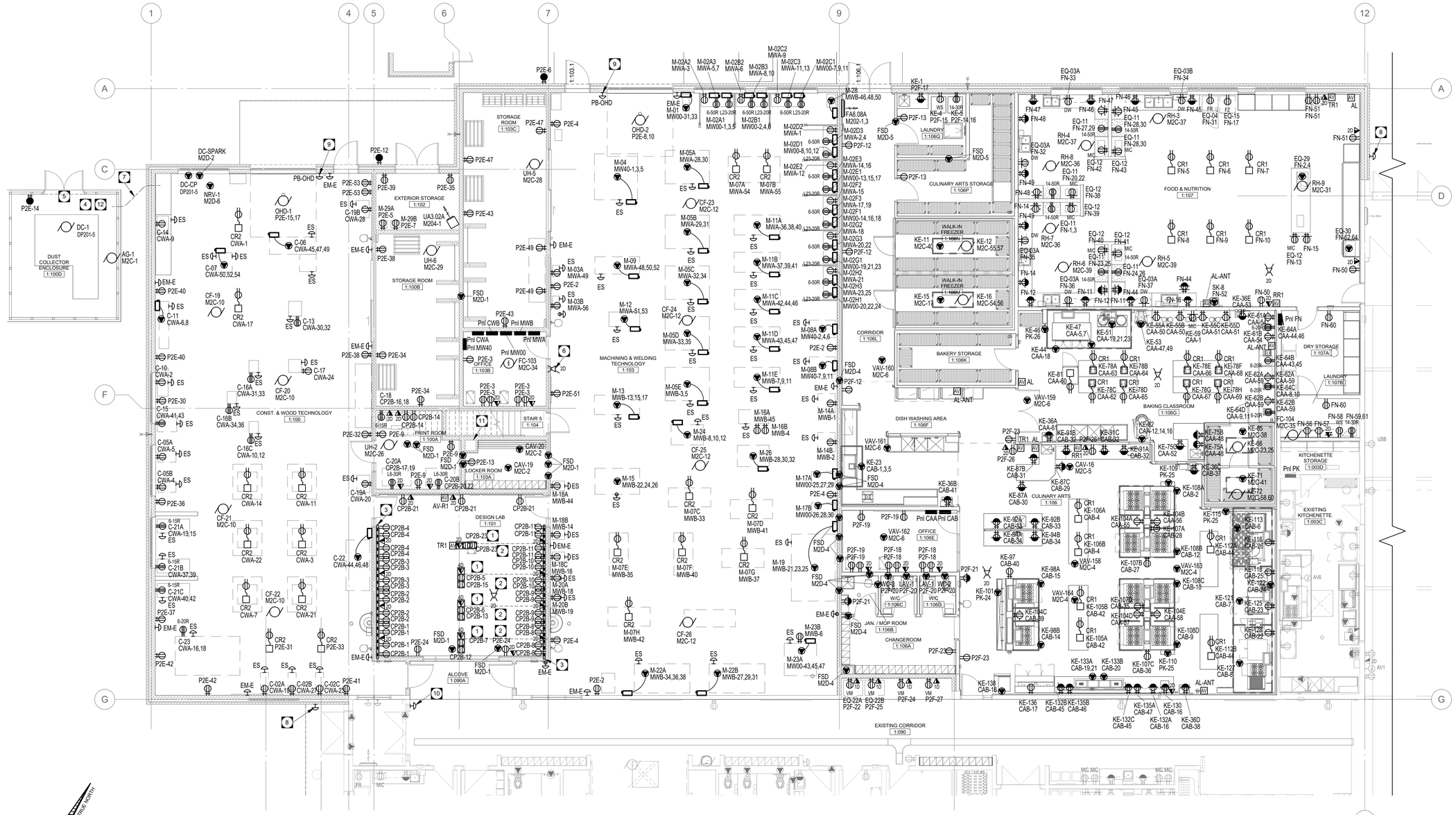


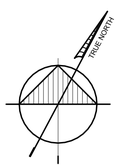


## MAIN FLOOR PLAN WEST - POWER

SCALE 1 : 100

## KEY NOTES

1. LEGRAND EVOLUTION 5-GANG EVOLUTION FLOOR BOX.
2. PROVIDE (3) 1" CONDUITS IN THE SLAB FROM FLUSH MOUNTED FLOOR BOX TO FUTURE INTERIOR WALL. STUB CONDUITS 2" ABOVE FINISH FLOOR. COORDINATE EXACT LOCATION OF INTERIOR WALL AND FLOOR BOX ON-SITE PRIOR TO ROUGH-IN.
3. PROVIDE A DIVIDED SURFACE STEEL RACEWAY FOR COMPUTER WORKSTATION POWER AND DATA REQUIREMENTS. RACEWAY SHALL BE EQUAL TO LEGRAND WIREMOLD DS4000 SERIES. PROVIDE ALL NECESSARY FITTINGS FOR A COMPLETE INSTALLATION.
4. WIRING METHODS WITHIN ENCLOSURE SHALL BE SUITABLE FOR WET LOCATION.
5. ELECTRICAL SERVICES TO DUST COLLECTOR SHALL BE DIRECT BURIED.
6. PROVIDE TRIPP LITE WIRELESS ACCESS POINT NEMA 4 13"X9" ENCLOSURE. ENCLOSURE SHALL BE SUPPLIED BY POWERLAND.
7. APPROXIMATE ROUTING OF BELOW GRADE SYSTEMS CONDUITS FOR DUST COLLECTOR. RISE UP TO CEILING SPACE WITHIN ROOM.
8. EXISTING ADO PUSHBUTTON SHALL BE REINSTALLED.
9. OHD PUSHBUTTON STATION.
10. EXISTING ADO PUSHBUTTON IN RELOCATED POSITION.
11. CHASE FOR DP201 FEEDER FROM CRAWLSPACE BELOW TO MEZZANINE ABOVE.
12. EQUIPMENT AND DEVICES WITHIN DUST COLLECTOR ENCLOSURE SHALL BE SUITABLE FOR WET LOCATION.

## 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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400 - 136 Market Avenue
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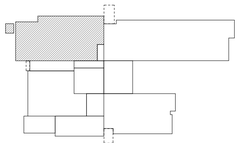

BUILDING KEYPLAN - MAIN

SCALE 1 : 2000

LM esp
LM Architectural Group | Environmental Space Planning
500-136 Market Avenue Winnipeg, Manitoba Canada R3B 0P4
t: 204.942.0681 lm-esp.ca

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

SEAL

| 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

## Main Floor West - Power Plan

| SCALE | PROJECT No: | SHEET No: |
|---|---|---|
| As indicated | 2020-127 | EP2.1 |

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

ESE 24049