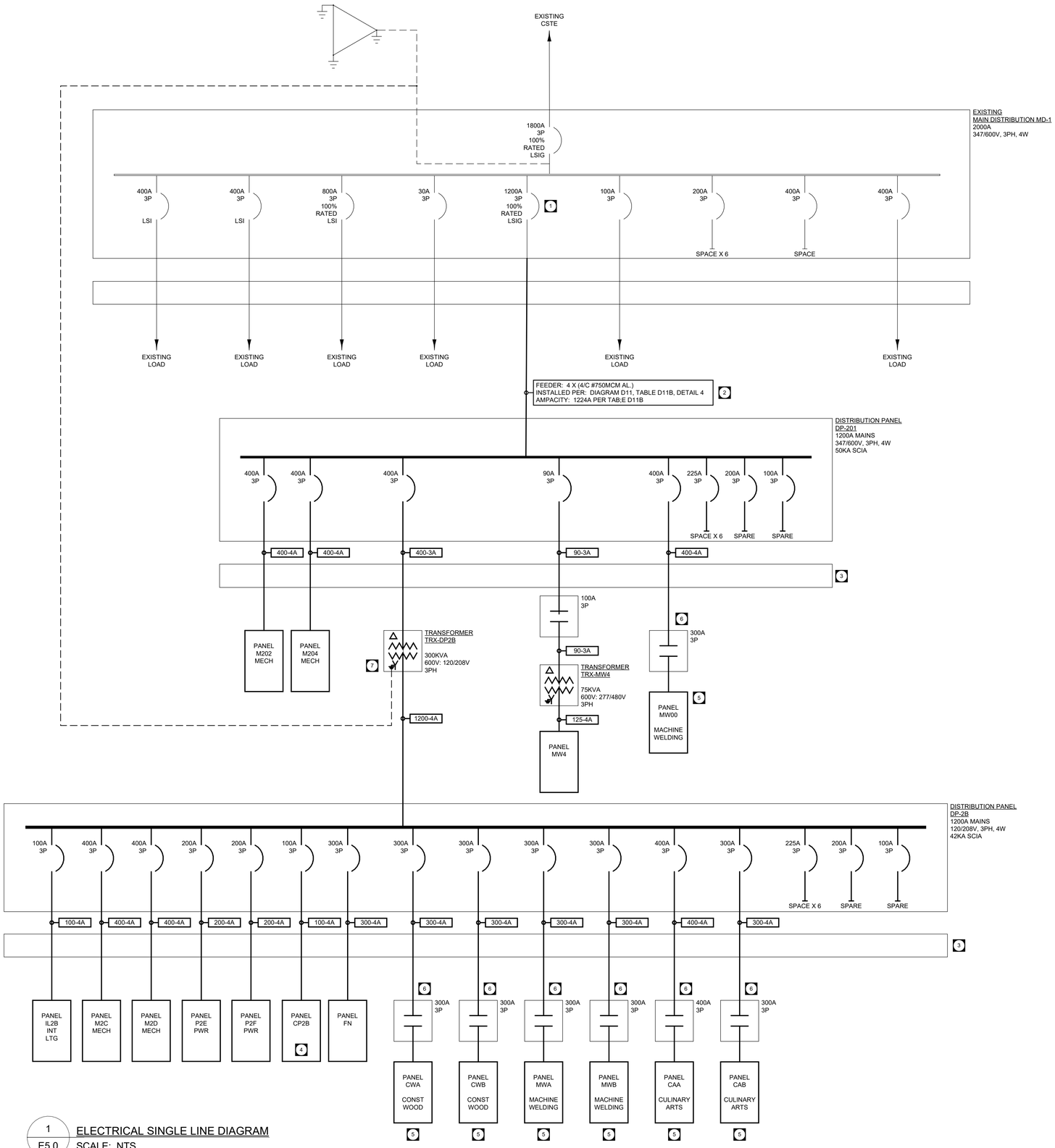

1
E5.0
ELECTRICAL SINGLE LINE DIAGRAM
SCALE: NTS

GENERAL NOTES

A. REFER TO DRAWING E6.14 FOR FEEDER SCHEDULES.

KEY NOTES

1. USE EXISTING 1200A/3P CIRCUIT BREAKER WITHIN MD-1.
2. EXISTING FOUR (4) X 103MM CONDUIT ROUTED THROUGH CRAWLSPACE FROM EXISTING MD-1 TO BUILDING EDGE. PROVIDE ADDITIONAL CONDUIT AS REQUIRED UP TO MECHANICAL MEZZANINE. PROVIDE NEW FEEDER AS INDICATED.
3. PROVIDE EXTERIOR GUTTER FOR FUTURE PROVISION OF MONITORING CTS.
4. PROVIDE CLOSE-COUPLED EXTERNAL SPD C/W 30A/3P CIRCUIT BREAKER.
5. CONTACTOR CONTROLLED PANEL. REFER TO PLANS FOR MANUAL SHUT-OFF REQUIREMENTS.
6. PROVIDE EMERGENCY KEY ON/OFF CONTROL COMPLETE WITH EMERGENCY MUSHROOM OFF FOR PANEL CONTACTOR CONTROL. REFER TO FLOOR PLANS FOR LOCATION OF CONTROL.
7. PROVIDE #6AWG GROUND BACK TO MAIN BUILDING GROUND.

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epp siepman engineering
400 - 136 Market Avenue
Winnipeg, MB R3B 0P4
T 204 453 1080

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

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
Distribution Schematic Diagram

SCALE	PROJECT No:	SHEET No:
1:1	2020-127	E5.0

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