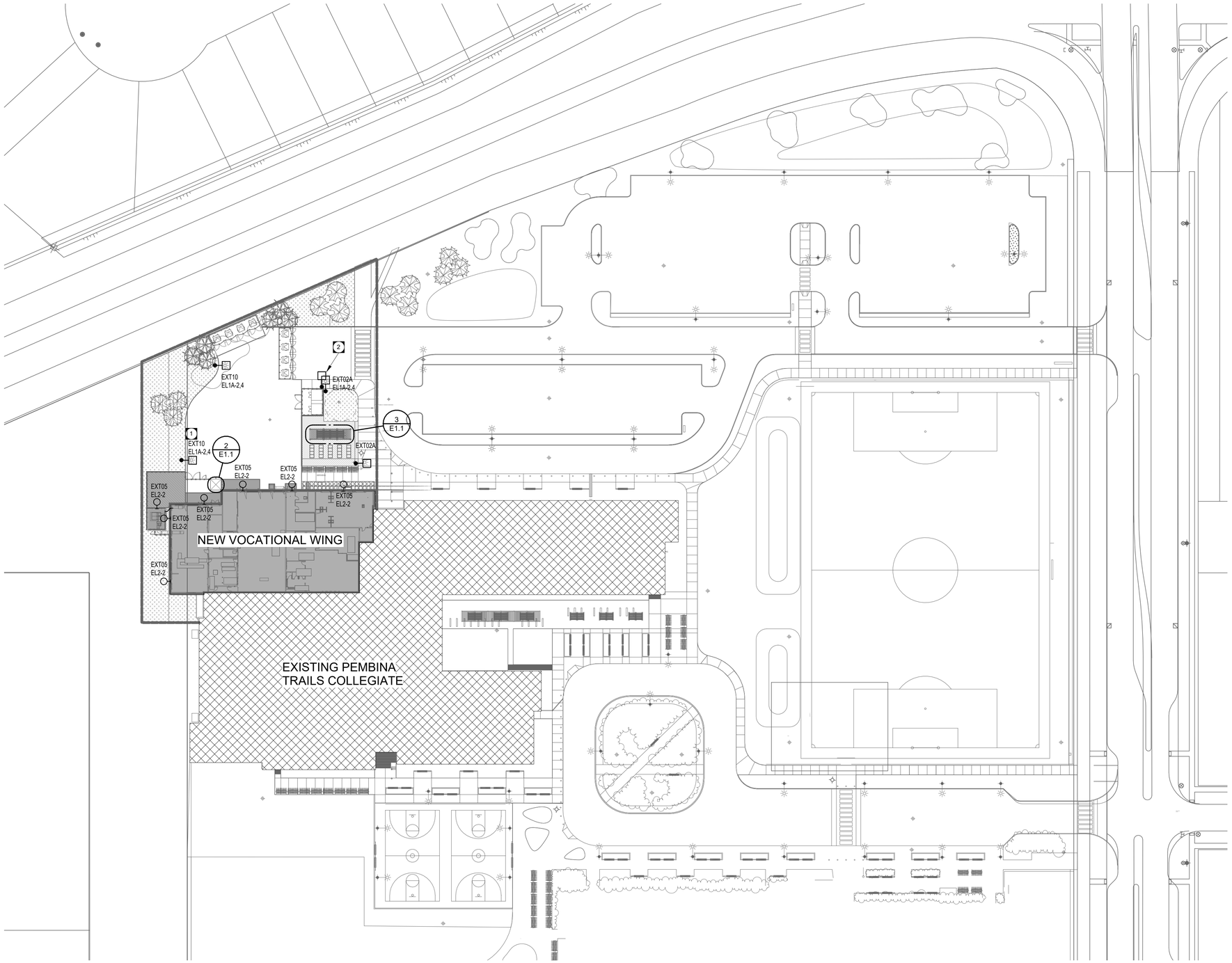
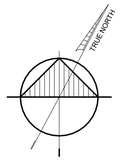
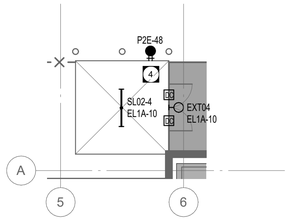
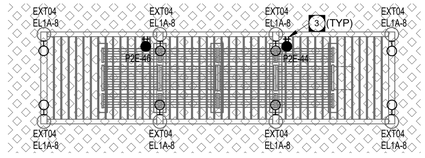




1 / E1.1 SITE PLAN - ELECTRICAL
SCALE 1 : 600



2 / E1.1 TANK STORAGE SHED - ELECTRICAL LAYOUT
SCALE 1 : 100



3 / E1.1 ARBOUR DETAIL - ELECTRICAL LAYOUT
SCALE 1 : 100

GENERAL NOTES

A. ELECTRICAL DRAWINGS DO NOT SHOW ALL EXISTING UNDERGROUND SERVICES ON THE SITE. CONTRACTOR IS TO COORDINATE INSTALLATION WITH OTHER DIVISIONS AND CONTACT UTILITIES FOR PROPER LOCATES OF SERVICES PRIOR TO TRENCHING.
B. ALL LIGHTING AND POWER CONDUCTORS SHALL BE INSTALLED BETWEEN 24" (MINIMUM) AND 36" (MAXIMUM) BELOW FINISHED GRADE.
C. ALL CONDUCTORS FOR EXTERIOR LIGHTING AND POWER CIRCUITS SHALL BE #10 AWG MINIMUM.
D. ALL COMMUNICATIONS CONDUIT AND CABLES SHALL BE INSTALLED 36" (MINIMUM) BELOW FINISHED GRADE.
E. FOR EXTERIOR CABLING AND CONDUIT INSTALLATIONS, MAKE PROVISION FOR DIFFERENTIAL SETTLING OF EXTERIOR GRADE, BUILDINGS AND OTHER STRUCTURES AND SUPPORTS. PROVIDE SLACK WITHIN CABLING SYSTEMS, AND EXPANSION FITTINGS WITHIN CONDUIT SYSTEMS.
F. EXTERIOR LIGHTING SHALL BE CONTROLLED EITHER BY PHOTOCELL OR TIME CLOCK SCHEDULING, USING CENTRAL LIGHTING CONTROL SYSTEM. REFER TO LIGHTING CONTROLS SEQUENCE OF OPERATIONS FOR FURTHER REQUIREMENTS.
G. PROVIDE ALTERNATE PRICE FOR ARBOUR DETAIL (OUTDOOR FOOD SERVICES AMENITES) ELECTRICAL REQUIREMENTS.
   a. BASE BID: NO ELECTRICAL.
   b. ALTERNATE PRICE: ELECTRICAL AS INDICATED IN ARBOUR DETAIL.

KEY NOTES

1 REFER TO STRUCTURAL FOR POLE BASE DETAIL.
2 PROVIDE LINE VOLTAGE TOGGLE SWITCH WITH PILOT LIGHT-ON FOR TANK STORAGE SHED LIGHTING CONTROL.
3 GFI RCPT MOUNTED AT UNDERSIDE OF OVERHEAD STRUCTURE. COORDINATE BEST LOCATION ON SITE.
4 WIRING METHODS WITHIN TANK STORAGE SHALL BE TO CEC SECTION 18 ZONE 2 REQUIREMENTS USING THREADED METAL CONDUIT.

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

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

SEAL

PROVINCE OF MANITOBA
K.G. PENNER
Member 23792
REGISTERED PROFESSIONAL ENGINEER
2024-04-01

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
Electrical Site Plan

SCALE	PROJECT No:	SHEET No:
As indicated	2020-127	E1.1

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