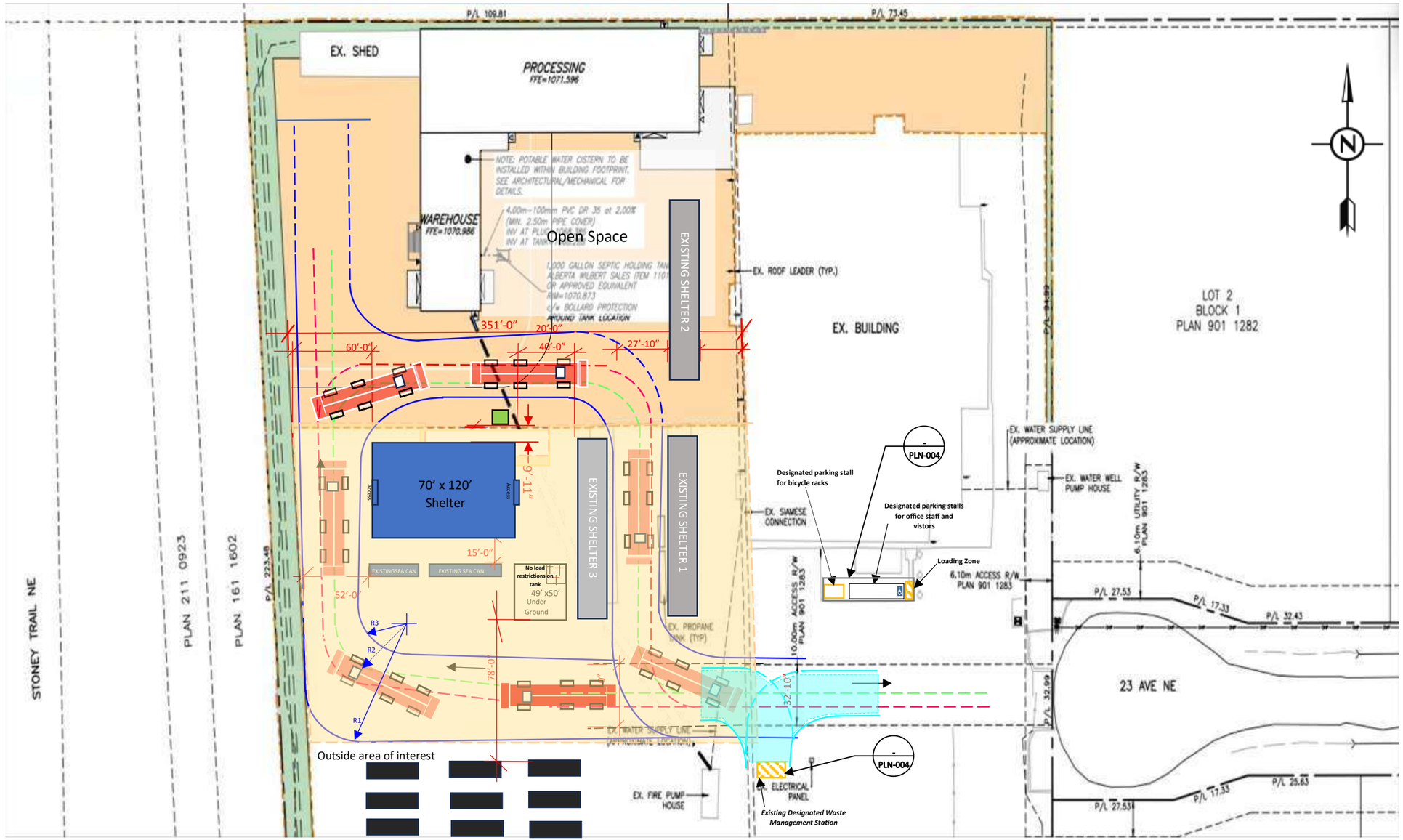
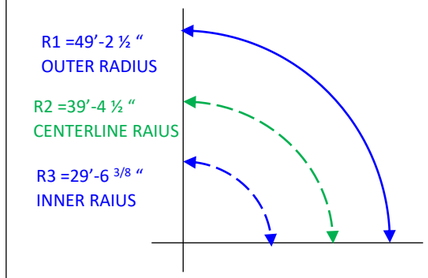


Transformer
Waste management access
FDC to Reserve water tank
Traveling direction



GENERAL NOTES:

1) SITE FIRE DEPARTMENT ACCESS ROUTE COMPLIES WITH NBC 2020, ARTICLE 3.2.5.6: 6 m MINIMUM CLEAR WIDTH, 12 m MINIMUM CENTRELINE RADIUS, AND 5 m MINIMUM OVERHEAD CLEARANCE.
2) THE PROPOSED FIRE DEPARTMENT ACCESS ROUTE HAS BEEN REVIEWED IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION PREPARED BY **J.A. SMITH & ASSOCIATES LTD.** (REPORT NO. **201-165G**, DATED **NOVEMBER 2001**). THE SPECIFIED **85,000 LB (38,600KG)** REPRESENTS THE **GROSS VEHICLE WEIGHT (GVW)** OF THE DESIGN FIRE APPARATUS AND **SHALL NOT BE INTERPRETED AS A REQUIRED SOIL BEARING PRESSURE**. THE FIRE ACCESS ROUTE PAVEMENT STRUCTURE AND UNDERLYING SUBGRADE SHALL BE DESIGNED AND CONSTRUCTED TO SAFELY DISTRIBUTE THE WHEEL LOADS TO THE SUPPORTING SOILS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND ACCEPTED ENGINEERING PRACTICE. SUBGRADE PREPARATION, PROOF ROLLING, REMOVAL OF UNSUITABLE MATERIALS, AND COMPACTION SHALL BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATIONS TO PROVIDE ADEQUATE SUPPORT FOR EMERGENCY VEHICLE LOADING.
3) ALL VEHICLE SWEPT-PATH ANALYSIS BASED ON A LOW-SPEED MANOEUVRE OF 5 KM/H.
4) MINIMUM HORIZONTAL CLEARANCE OF 0.5 M FROM ALL VERTICAL OBSTRUCTIONS.
5) MINIMUM HORIZONTAL CLEARANCE OF 0.3 M FROM ALL PAINTED SURFACE MARKINGS.
6) APPLICANT TO CONFIRM COMPLIANCE WITH ENMAX GROUND DISTURBANCE GUIDELINES FOR ANY EXCAVATION WITHIN 2.0M OF EXISTING ENMAX INFRASTRUCTURE, INCLUDING ABOVE AND BELOW GROUND FACILITIES.

THIS PLAN AND DESIGN ARE, AND AT ALL TIME REMAIN THE EXCLUSIVE PROPERTY OF AP DYNAMICS INC. AND CANNOT BE USED FOR REPRODUCED WITHOUT WRITTEN CONSENT.

DO NOT SCALE DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO AP DYNAMICS INC. PRIOR TO THE COMMENCEMENT OF ANY WORK

GDTECH projects

HI-HOG Est. 1974 Farm & Ranch Equipment 50 YEARS

Professional Stamp

PROFESSIONAL ENGINEER ALBERTA AHMAD M. SAID

APEGA ID# 137371

2026/09/08

Permit To Practice

Reference Drawings

- AXE-26-3674-ARC-PLN-004

Revision notes:

a) Updating missing structures on Rev_B.
b) Updating FD access route.
c) Indicate the waste management station.
d) Indicate the bicycle racks parking stall.
e) Adding minimum Enmax clearances requirements (i.e., Transformer, etc.).
f) Updating general notes section.

FARMS & RANCH EQUIPMENT

8447 23 AVE NE
CALGARY, AB

NEW 70' X 120' SHELTER ADDTION

Dates	Revision	Comments
2026/06/23	A	ISSUED FOR PERMIT
2026/06/30	B	ISSUED FOR PERMIT
2026/09/03	C	ISSUED FOR PERMIT

PROJECT NO.: AXE-26-3674

SITE PLAN & ACCESS

DRAWING NO.: AXE-26-3674-ARC-PLN-001 | C

K:\AAA-Various-Tent-Clients\Clients\Hi-HOG Farms & Ranch Equipment (HFR)\AXE-26-3674 New Shulter Eng-& Permit\3. Engineering\3.0 Working Folder\3.02 Drawings\Architectural\AXE-26-3674-ARC-PLN-001 RC.docx