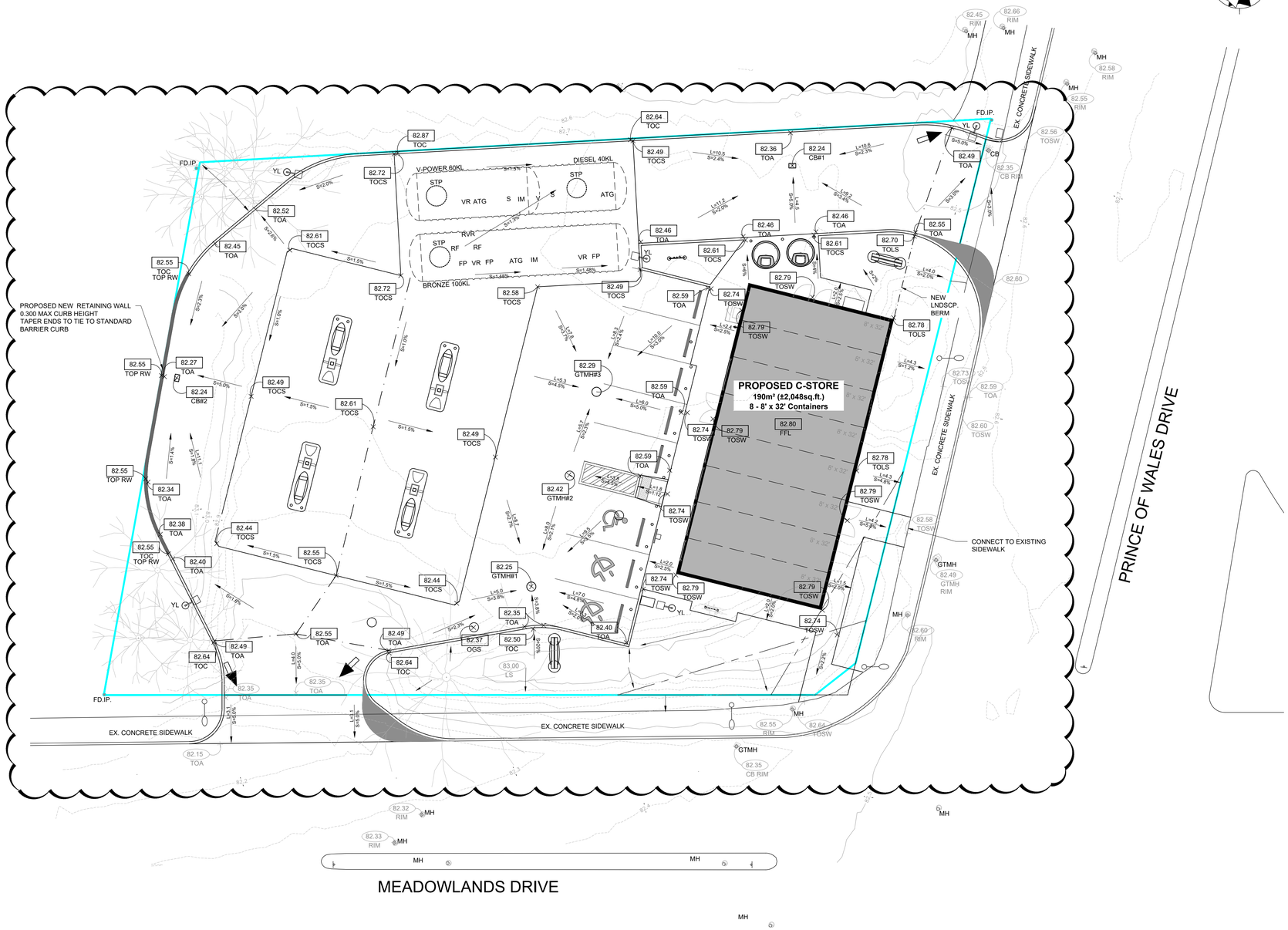

1 SITE GRADING PLAN

C105-0 SCALE: 1:150

0 4 8 m

1:150

LEGEND

EXISTING CONTOURS	82.20
PROPOSED SPOT ELEVATIONS	82.39
EXISTING ELEVATIONS TO BE MAINTAINED	82.95
FLOW DIRECTION	
OVERLAND ESCAPE ROUTE	
FINISH FLOOR LEVEL	FFL
TOP OF ASPHALT	TOA
TOP OF CURB	TOC
TOP OF CONCRETE SLAB	TOCS
TOP OF ISLAND	TOI
TOP OF LANDSCAPE	TOLS
TOP OF SIDE WALK	TOSW
TOP OF RETAINING WALL	TOP RW
HIGH POINT/ GRADE BREAK	

PAVEMENT STRUCTURE:

100mm ASPHALTIC CONCRETE (40mm SUPERPAVE 12.5 OVER 60mm SUPERPAVE19.0 (TRAFFIC LEVEL B) PERFORMANCE GRADE PG 58-34.
150 mm OPSS GRANULAR A BASE, OVER
450mm OPSS GRANULAR B TYPE II SUBBASE

REFER TO GEOTECHNICAL INVESTIGATION REPORT BY GEMTEC
DATED: SEPT. 12, 2023
GEMTEC PROJECT: 100041.011

GRADING NOTES:

1. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION. GAS, HYDRO, TELEPHONE, OR ANY OTHER UTILITY THAT MAY EXIST ON THE SITE OR WITHIN THE STREET LINES MUST BE LOCATED BY THE RESPECTIVE UTILITY AND VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE ENGINEER SHOULD SUBSTANTIAL DISCREPANCIES BECOME APPARENT.
2. CONCRETE CURBS ARE 150mm ABOVE TOP OF ASPHALT UNLESS NOTED OTHERWISE.
3. SURVEY BY GEOVERRA ONTARIO LTD. DWG# 22-02471-001-T01, DATED: 2020-09-11

AECOM

PROJECT

Shell Canada Products
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Calgary, AB T2X 1P1
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REGISTRATION

LICENSED PROFESSIONAL ENGINEER
Y. A. FAAS
100507645
Nov. 27 2024
PROVINCE OF ONTARIO

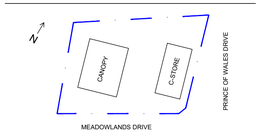
ISSUE/REVISION

I/R	DATE	DESCRIPTION
B	2024-12-03	ISSUED FOR SPC-PHASE 3 (SPC COMMENTS)
B	2024-11-27	ISSUED FOR CLIENT REVIEW (SPC COMMENTS)
A	2024-08-01	ISSUED FOR SPC - PHASE 3

DRAWN BY ED

SCALE

KEY PLAN



GLOBAL PROJECT ID NUMBER

CAN00650

SHEET TITLE

SITE
SITE GRADING PLAN

CTM DESIGN FILE NAME

2024072_C105.0

SHEET NUMBER

C105.0

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ANSI D 864mm x 559mm

Approved:

Checked: YF

Designer: ED

Project Management Initials:

Last Plotted: 2024-11-27

Last Plotted: YFAAS(2024-11-27)
Filename: 2024072_C105.0.DWG