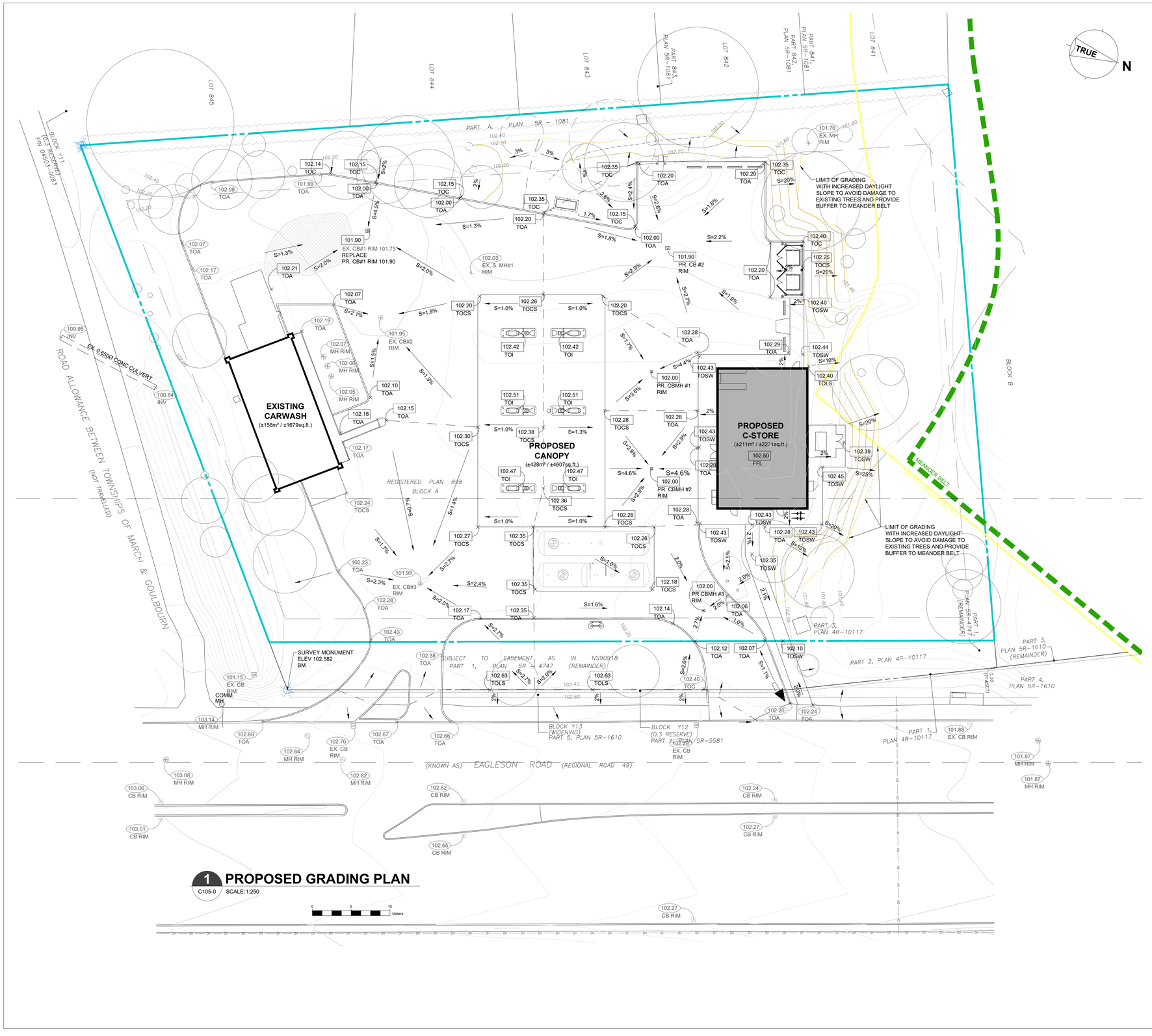
Project Management Initials:
Designer: ED/YF
Checked: YF
Approved:
ANSI D 864mm x 559mm



1 PROPOSED GRADING PLAN

C105-0 SCALE: 1:250

0 5 10 Meters

LEGEND

EXISTING CONTOURS INTERVAL 0.200	102.20
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
BENCHMARK	BM
HIGH POINT/ GRADE BREAK	
LIMIT OF GRADING	

FLEXIBLE PAVEMENT STRUCTURE FOR PARKING LOT AND ACCESS ROADWAYS:

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: JULY 28, 2025
GEMTEC PROJECT: 100041.032

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. THIS SITE PLAN WAS CREATED FROM 'A-054529-PSTP_v5-block.dwg' DRAWING, AS PROVIDED TO CTM DESIGN SERVICES, LTD.
4. INTEGRATION DATA - REFER TO SURVEY PROVIDE BY IBW SURVEYORS FILE #A-054529-PSTP_v5 DWG.

AECOM

PROJECT

Shell Canada Products
Eagleson, KDR

106 Eagleson Rd,
Kanata, ON

CLIENT

Shell Canada
400-4th Avenue SW
Calgary, AB T2P 0J4
403.252.4554 tel
www.shell.ca

CONSULTANTS

AECOM Canada Ltd
4th Floor, 3292 Production Way
Burnaby, BC V5A 4R4
604.444.6400 tel 604.294.8597 fax
www.aecom.com

CTM Design Services Ltd.
225, 340 Midpark Way SE
Calgary, AB T2X 1P1
403.640.0990 tel
www.ctmdesign.ca

ctm Design Services Ltd

REGISTRATION

LICENSED PROFESSIONAL ENGINEER
V. A FAAS
100507645
Nov. 13 2026
PROVINCE OF ONTARIO

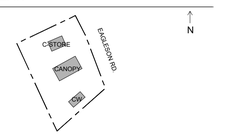
ISSUE/REVISION

I/R	DATE	DESCRIPTION
D	2026-11-13	ISSUED FOR SPCA
C	2026-06-26	ISSUED FOR SPCA
B	2026-06-09	ISSUED FOR SPCA
A	2025-10-21	ISSUED FOR CLIENT REVIEW

DRAWN BY

ED

KEY PLAN



GLOBAL PROJECT ID NUMBER

CAN00---

SHEET TITLE

SITE
SITE GRADING PLAN

FILE NUMBER: D07-12-26-0056
CTM DESIGN FILE NAME

2025071_C105-0

SHEET NUMBER

C105-0

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that modifies this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from stated dimension.

Last Plotted: 2026-11-13
Last Plotted: YFAAS(2026-11-06)
Filename: 2025071_C105-0.DWG