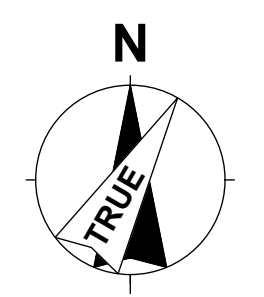


**1 SITE GRADING PLAN**  
 C105-0 SCALE: 1:150



**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 SUPERPAVE 19.0 (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:**
- 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.
  - CONCRETE CURBS ARE 150mm ABOVE TOP OF ASPHALT UNLESS NOTED OTHERWISE.
  - SURVEY BY GEOVERRA ONTARIO LTD. DWG# 22-02471-001-T01, DATED: 2020-09-11



**PROJECT**

Shell Canada Products  
 Prince of Wales and  
 Meadowlands (KDR)

1440 Prince of Wales Dr  
 Ottawa, ON K2C 1N6

**CLIENT**

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

**CONSULTANT**

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

**REGISTRATION**

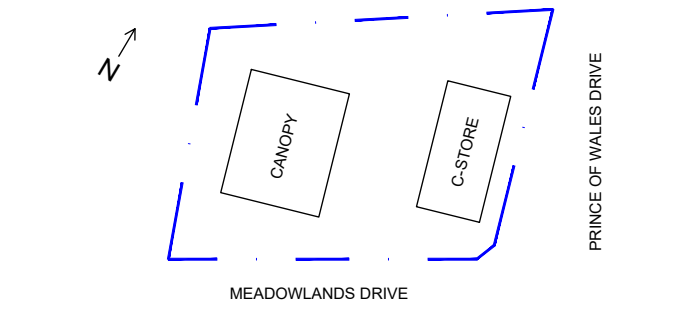


**ISSUE/REVISION**

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
IR	DATE DESCRIPTION

**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**