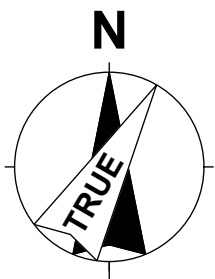
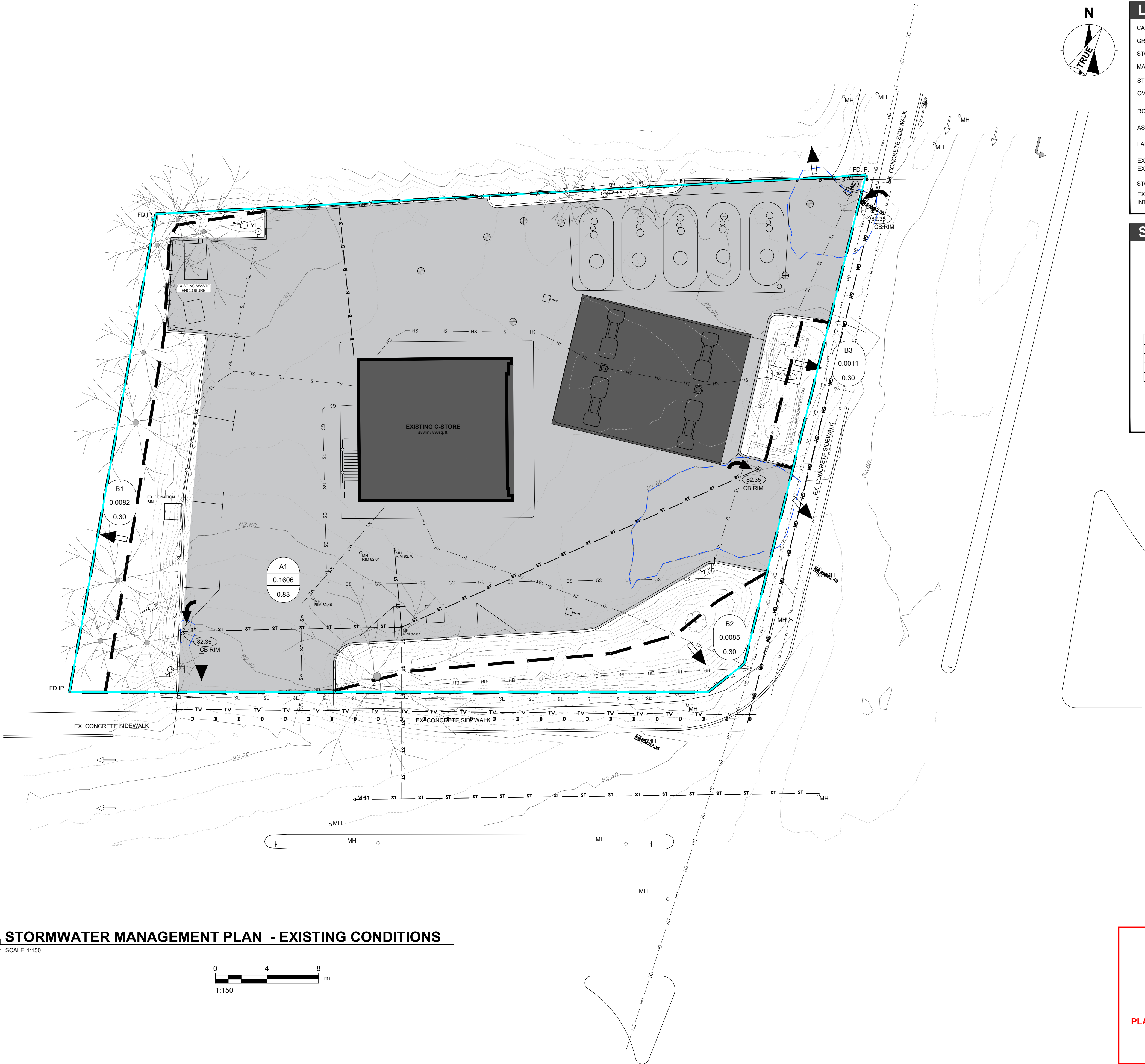
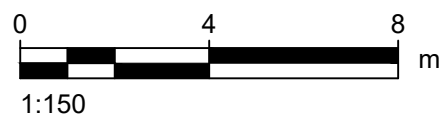


1 STORMWATER MANAGEMENT PLAN - EXISTING CONDITIONS

C103-0 SCALE: 1:150



LEGEND

CATCH BASIN

GRATED TOP MANHOLE

STORM MANHOLE

MANHOLE

STORM CATCHMENT INLET

OVERLAND ESCAPE ROUTE

ROOF LAND USE

ASPHALT OR CONCRETE

LANDSCAPED LAND USE

EXTENT OF PONDING

EXTENT OF 100 YEAR PONDING

STORM CATCHMENT BOUNDARY

EXISTING CONTOUR LINE

INTERVAL 0.05

CB

GTMH

STMH

MH

STORMWATER CALCULATIONS

STORMWATER MANAGEMENT CALCULATIONS

Rainfall Intensity =

76.4 mm/hr

100.9 mm/hr

161.9 mm/hr

(1.2 Year)

(1.5 Year)

(1:100 Year)

PRE-DEVELOPMENT SITE CONDITIONS

CATCHMENT A1

SURFACE	AREA (m²)	C FACTOR
BUILDING		1.00
PAVEMENT		0.90
LANDSCAPE	1795	0.50
TOTAL	1795	0.50

Q_{ALL} =

2.78 C i A

1:2 Year

1:100 Year

19.1

40.4

L/s



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.

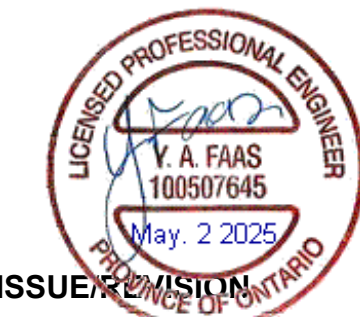
225, 340 Midpark Way SE
Calgary, AB T2X 1P1

403.640.0990 tel

www.ctmdesign.ca



REGISTRATION



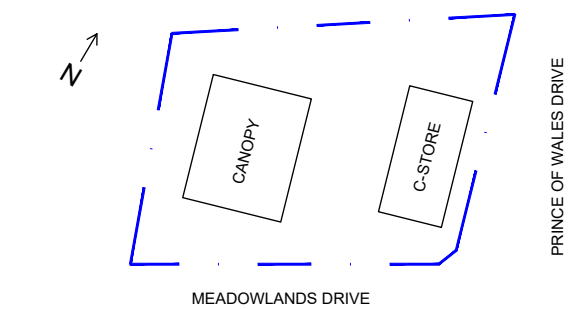
ISSUE REVISION

NO.	DATE	DESCRIPTION
B	2025-05-01	ISSUED FOR SPC - PHASE 3
A	2024-08-01	ISSUED FOR SPC - PHASE 3
I/R	DATE	DESCRIPTION

DRAWN BY

ED

KEY PLAN



GLOBAL PROJECT ID NUMBER

CAN00650

SHEET TITLE

STORMWATER MANAGEMENT PLAN
EXISTING CONDITIONS

CTM DESIGN FILE NAME

2024072_C103.0

SHEET NUMBER

C103.0

FILE NUMBER:	D07-12-24-0166
PLAN NUMBER:	19243

KELBY LODOEN UNSETH

PLANNER

PLANNING, DEVELOPMENT AND BUILDING SERVICES

DEPARTMENT, CITY OF OTTAWA