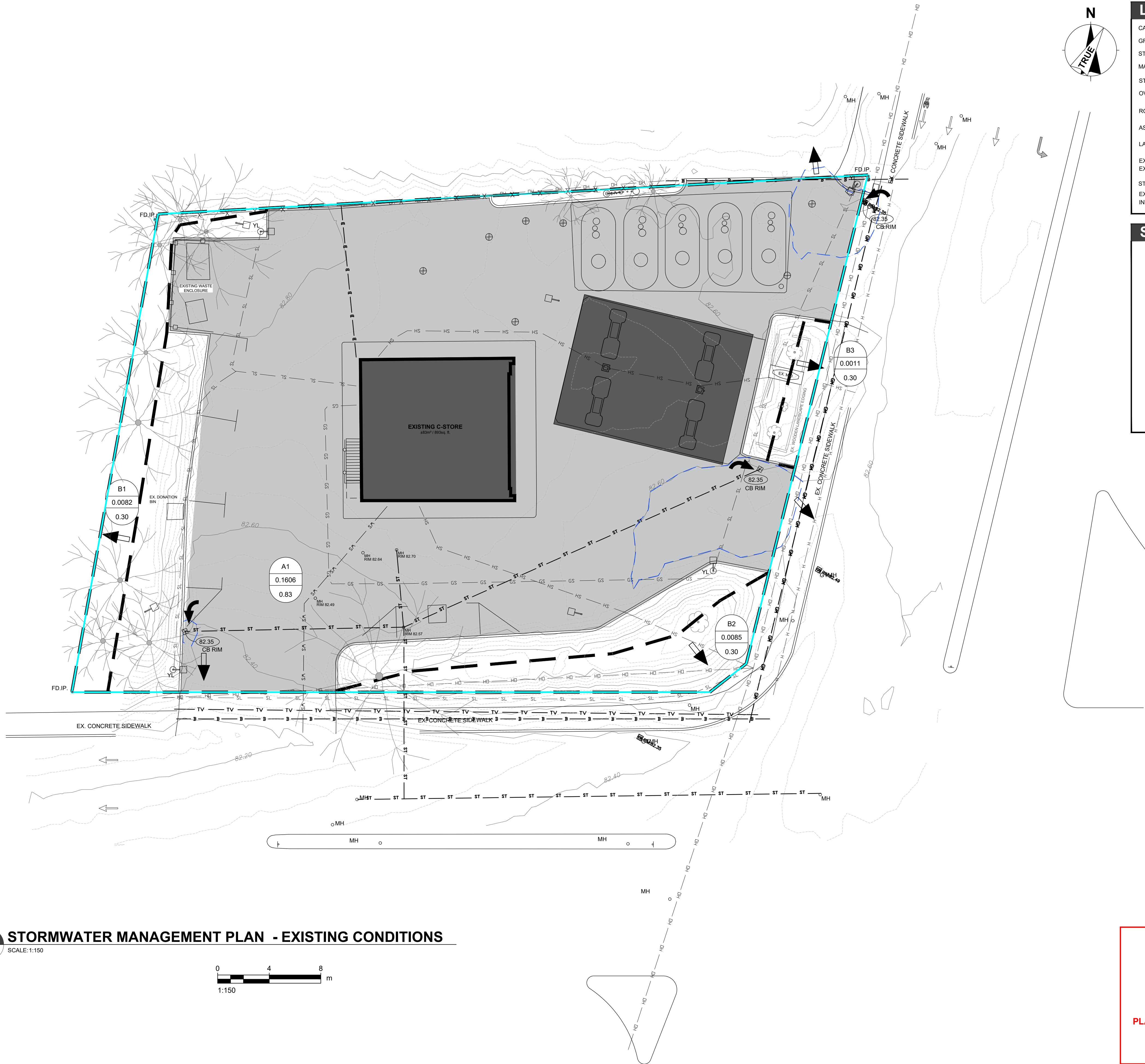
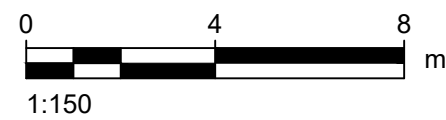




1 STORMWATER MANAGEMENT PLAN - EXISTING CONDITIONS

C103-0 SCALE: 1:150



LEGEND

CATCH BASIN : CB
GRATED TOP MANHOLE : GTMH
STORM MANHOLE : STMH
MANHOLE : MH
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

STORMWATER CALCULATIONS

STORMWATER MANAGEMENT CALCULATIONS

Rainfall Intensity = 76.4 mm/hr (1.2 Year)
100.9 mm/hr (1.5 Year)
161.9 mm/hr (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
Q_{ALL} = 19.1 40.4 L/s

AECOM

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ctm
Design Services Ltd

REGISTRATION

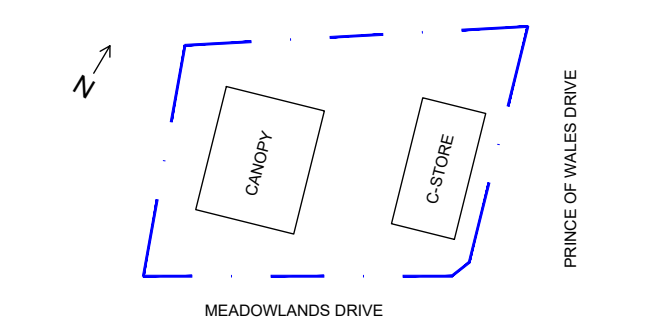
ISSUE/REVISION

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

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SHEET NUMBER
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PLAN NUMBER:
19243

C103.0

Kelby Lodoen Unseth

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