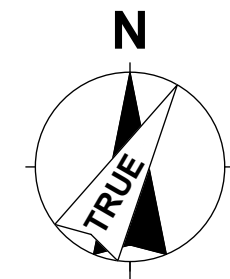
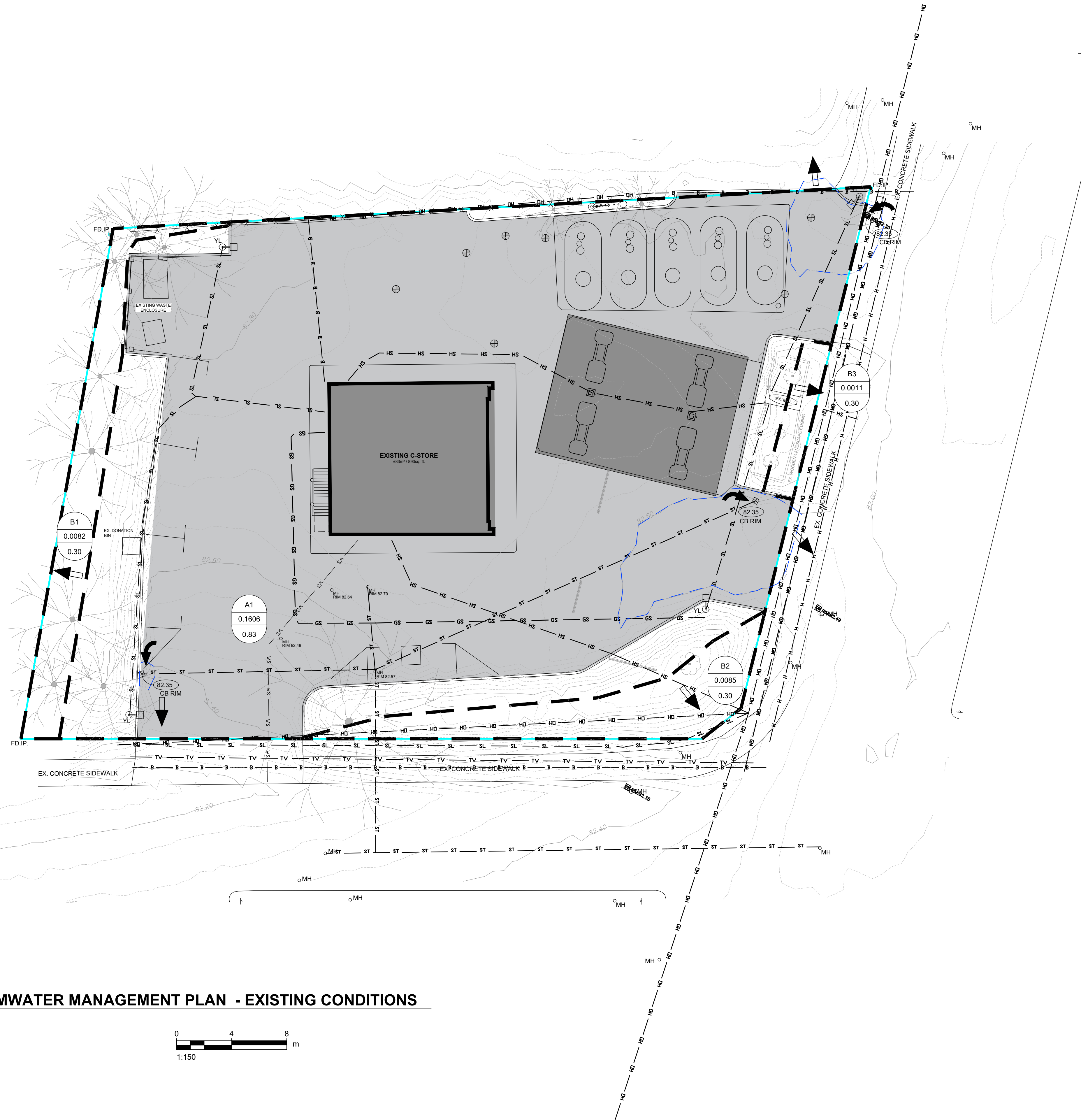
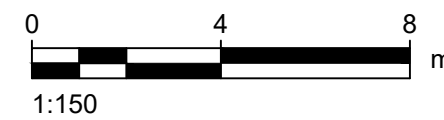


1 STORMWATER MANAGEMENT PLAN - EXISTING CONDITIONS

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



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REGISTRATION



ISSUE/REVISION

NO.	DATE	DESCRIPTION
1	2024-08-01	ISSUED FOR SPC - PHASE 3

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

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