

ALDINGTON ROAD

LOT 1  
FFL 65.00

RAINWATER TANK  
TOILET REUSE & ON-LOT IRRIGATION  
ASSUMED 50% OF ROOF AREA CATCHMENT  
VOLUME 240m<sup>3</sup>

FUTURE ALLOTMENTS TO SATISFY OSD REQUIREMENTS  
ON LOT UPON DEVELOPMENT. DISCHARGE INTO TRUNK  
OPEN CHANNEL VIA PROVIDED STAGE 1 STORMWATER  
NETWORK.

ABBOTTS ROAD

LOT 4  
FSL 66.00

GROSS POLLUTANT TRAP  
STORMWATER PRE-TREATMENT

IRRIGATION AREA  
4ha OF RESIDUAL LAND  
TOTAL DEMAND 24ML/yr

TRUNK DRAINAGE OPEN CHANNEL  
25m RESERVE INCLUDING MAINTENANCE TRACK

SPELFILTER SYSTEM  
INTERIM WATERWAY HEALTH MEASURE TO TREAT  
POLLUTANT LOADS TO DCP REQUIREMENT

ON SITE DETENTION BASIN  
VOLUME 6422m<sup>3</sup> (ABOVE POND)  
SATISFIES LOT 1, LOT 4 & ROAD CATCHMENT  
REQUIREMENTS. FUTURE LOTS REQUIRE SEPARATE OSD.

HARVESTING POND  
INTERIM WATERWAY HEALTH MEASURE IN BASE OF OSD  
VOLUME 2300m<sup>3</sup> SURFACE AREA 1600m<sup>2</sup>  
DEPTH 3m (TOP 2m AVAILABLE FOR HARVESTING)

INDICATIVE PRESSURISED IRRIGATION MAIN

RAINWATER TANK  
TOILET REUSE & ON-LOT IRRIGATION  
ASSUMED 50% OF ROOF AREA CATCHMENT  
VOLUME 60m<sup>3</sup>

EXTERNAL CATCHMENTS TO SATISFY WATERWAY  
HEALTH AND OSD REQUIREMENTS INDEPENDENTLY  
UPON DEVELOPMENT. DISCHARGE INTO TRUNK OPEN  
CHANNEL VIA PROVIDED STAGE 1 STORMWATER  
NETWORK.

UNDEVELOPED LAND FLOWS WEST  
TO MAMRE RD

**LEGEND**

- EXISTING BOUNDARY
- EXISTING BOUNDARY TO BE REMOVED
- PROPOSED BOUNDARY
- PROPOSED RETAINING WALL

**LEGEND**

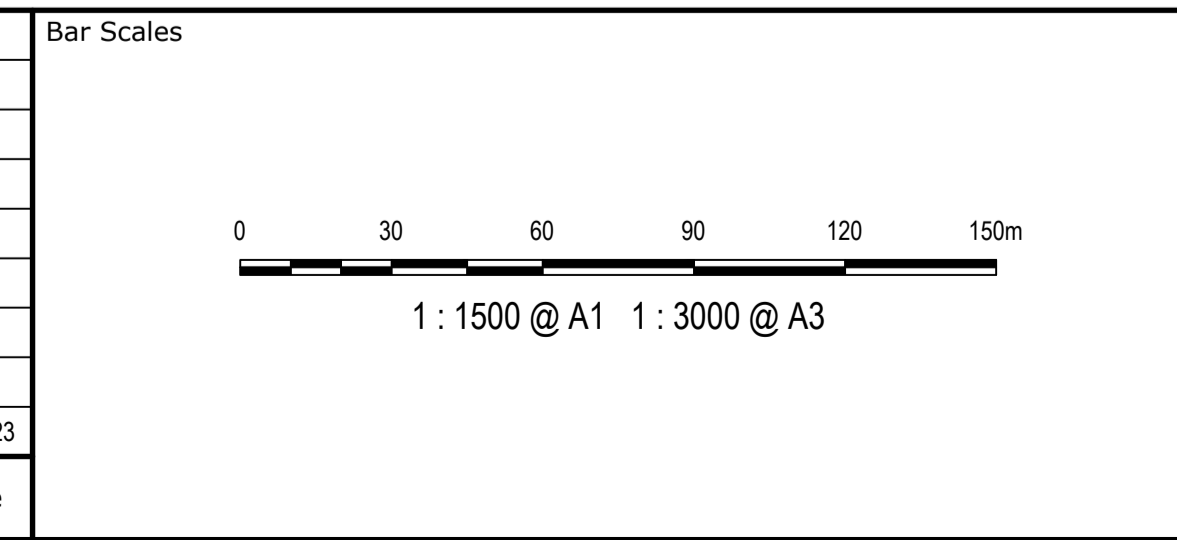
- GROSS POLLUTANT TRAP
- SPELFILTER CARTRIDGES FOR WATER QUALITY TREATMENT
- ON-LOT RAINWATER TANKS
- EVAPORATION POND/RE-USE BASIN
- RESIDUAL LAND TO BE IRRIGATED AT 600mm/year RATE
- SYDNEY WATER TRUNK DRAINAGE RESERVE
- PROPOSED STORMWATER DRAINAGE TO SERVICE WESTLINK INDUSTRIAL ESTATE
- PROPOSED STORMWATER DIVERSION LINE TO DIVERT EXTERNAL CATCHMENTS TO ABBOTTS ROAD UPON FULLY DEVELOPED SITE.

**NOTES:**

THIS PLAN PRESENTS STORMWATER MANAGEMENT MEASURES THAT WOULD BE REQUIRED TO SATISFY STORMWATER QUALITY, QUANTITY AND FLOW TARGETS STIPULATED IN THE MAMRE ROAD DCP 2021 IN THE ABSENCE OF REGIONAL STORMWATER MANAGEMENT INTERVENTIONS.

ONCE THE REGIONAL STORMWATER MANAGEMENT SOLUTION ARE IN PLACE, MEASURES IN THIS PLAN I.E. EVAPORATION AND REUSE PONDS, SPELFILTERS, AND IRRIGATION ARE NO LONGER REQUIRED.

Issue	Description	Date
A	ISSUED FOR INFORMATION	27-03-23



Client



Scales	1 : 1500	Drawn	LB
		Designed	LB
Grid	MGA2020	Checked	AT
Height Datum	AHD	Approved	

Project **PROPOSED INDUSTRIAL DEVELOPMENT WESTLINK KEMPS CREEK**

Title **STORMWATER MANAGEMENT PLAN OPTION 1A**

Civil Engineers and Project Managers

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Status	FOR INFORMATION NOT TO BE USED FOR CONSTRUCTION	A1
Project - Drawing No.	20-748-SKC182	Issue
		A

GDA2020

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