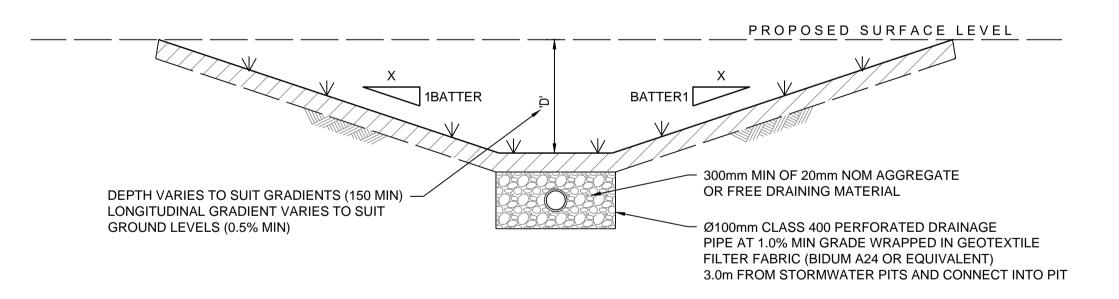


TRANSITION LAYER SPECIFICATIONS COARSE WASHED RIVER SAND OR RECYCLED - WASHED AGGREGATE 10-20mm CRUSHED GLASS EQUIVALENT BIO FILTRATION SPECIFICATION
SANDY LOAM MIX (IN ACCORDANCE WITH FAWB - 90% PARTICLES RETAINED ABOVE 0.25mm - SATURATED HYDRAULIC CONDUCTIVITY >250mm/Hr **GUIDELINES**) DRAINAGE LAYER SPECIFICATION NO FINES DRAINAGE GRAVEL - SATURATED HYDRAULIC CONDUCTIVITY 100mm /Hr - 250mm \Hr PARTICLE DISTRIBUTION DESCRIPTION PROPORTION 4-7mm Clay & Silt 2-4mm <20% Very Fine Sand 0.05-0.15mm 5-30% Fine Sand 10-30% 0.15-0.25mm Medium to Coarse Sand 40-60% 0.25-1.0mm 7-10% Coarse Sand 1.0-2.0mm Fine Gravel 2.0-3.4mm - TOTAL CLAY AND SILT CONTENT ≤3% - ORGANIC CONTENT <5% - PH (1:5 IN WATER) 5.5 - 7.5 - ELECTRICAL CONDUCTIVITY (EC) <1.2dS/m - TOTAL NITROGEN <1000mg/kg - ORTHOPHOSPHATE (PO<sub>4</sub><sup>3</sup>) <80mg/kg

## BIORETENTION FILTER MEDIA GENERAL ARRANGEMENT-CITY OF SYDNEY DETAIL 7.2.2.



## TYPICAL GRASS LINED SWALE SCALE 1:20

DO NOT SCALE FROM DRAWINGS, CHECK & VERIFY ALL DIMENSIONS & LEVELS BEFORE

COMMENCEMENT OF

THIS DRAWING IS NOT TO BE COPIED IN PART OR WHOLE WITHOUT WRITTEN PERMISSION

FROM WARREN SMITH CONSULTING ENGINEERS.

ANY WORK.

DRAWING COLOUR CODED DRINT ALL CODIES IN COLOUR	REVISION	AMENDMENT	DATE	REVISION	AMENDMENT	DATE	CLIENT
DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR	1	ISSUE FOR DEVELOPMENT APPLICATION	14/07/23				-loghaven
	2	RE-ISSUED FOR DEVELOPMENT APPLICATION	24/05/24				City Council
							City Courien
							PROJECT
							RESOURCE RECOVERY
200 0 200 400 600 800 1000mm							LEARNING CENTRE -
PLAN SCALE 1:20 A1 SHEET							WEST NOWRA



STORMWATER DRAINAGE
<b>DETAILS-SHEET 2</b>

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED			
AS SHOWN	SHOWN I.K.		J.G.				
JOB No.	DRAWING No.		ISSUE				
7672	C6	2					
DATE JULY 2023	JLY 2023 DEVELOPMENT APPLICATION						