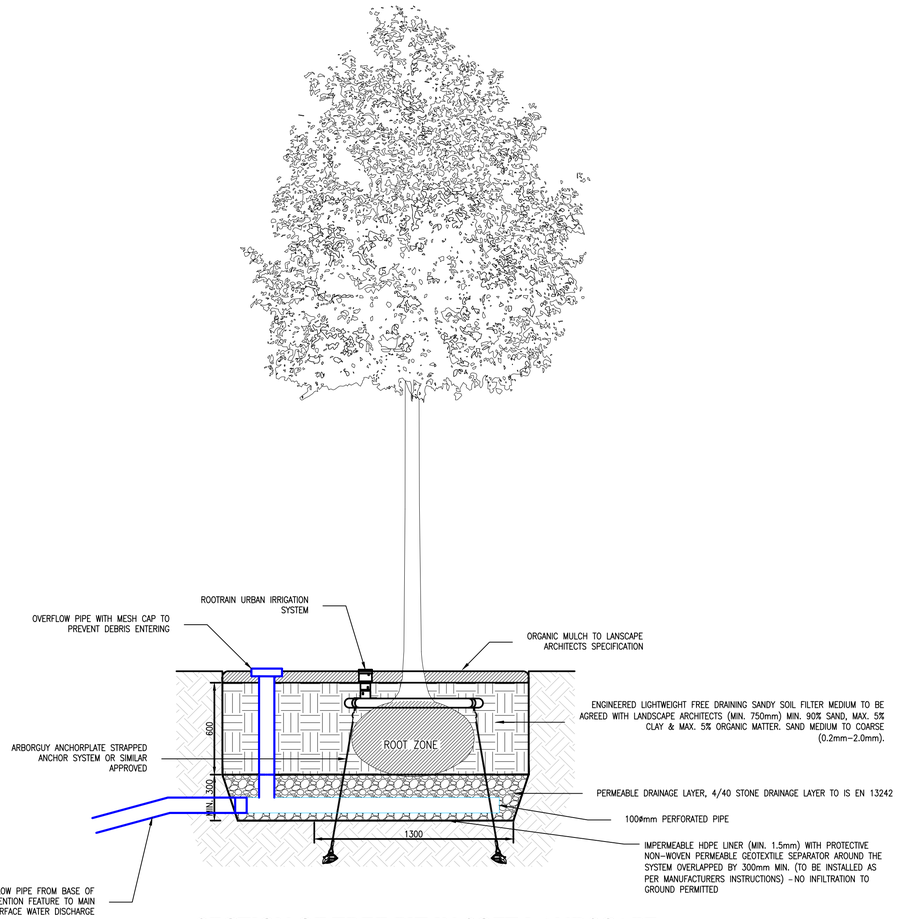
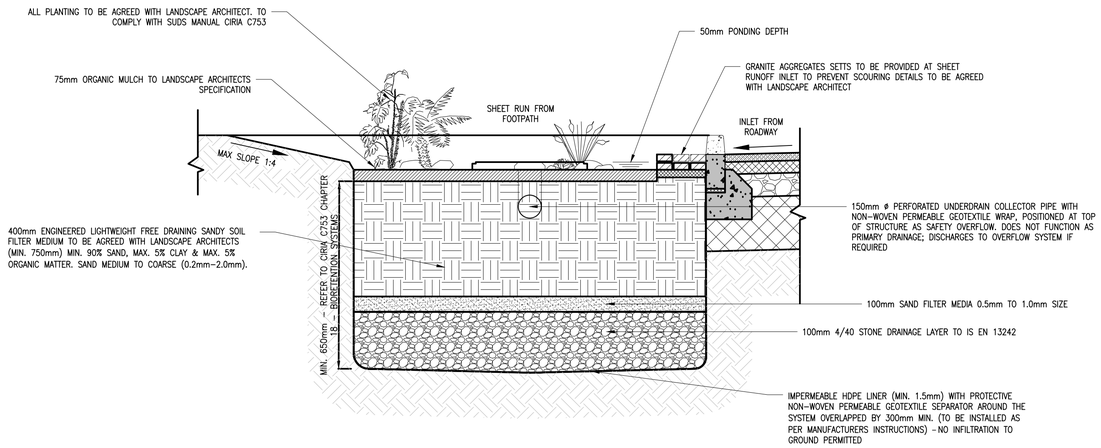


SECTION OF TREE PIT IN SOFT LANDSCAPE

NTS



TYPICAL SECTION OF BIO-RETENTION AREA

NTS

NOTES

GENERAL

1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.

2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

TABLE 1

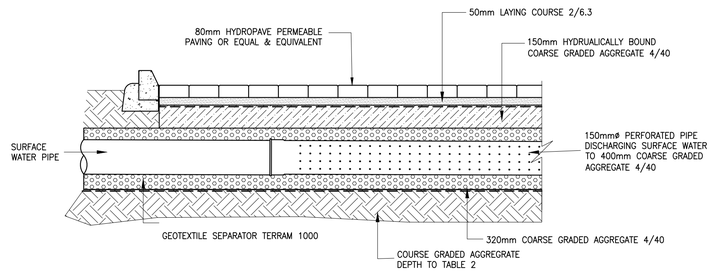
LAYER	MATERIAL
SURFACE COURSE	SMA 10 SURF
BINDER COURSE	AC 20 DENSE BIN DES
BASE COURSE	AC 32 DENSE BASE DES
SUB–BASE	TYPE B GRANULAR MATERIAL TO SR 21
CAPPING LAYER	CLASS 6F2 MATERIAL

TABLE 2

CBR (%)	THICKNESS OF CAPPING LAYER (mm)
< 2	600
2–5	400
5–10	250
10–15	200
> 15	0

NOTE RE CAPPING LAYER:

THE DEPTH OF THE SUB–BASE AND CAPPING LAYERS WILL VARY WITH THE SUBGRADE STRENGTH. AS INDICATED BY THE CBR TEST RESULTS. THE THICKNESS OF THE SUB–BASE LAYER SHOULD BE MIN. 150mm FOR ALL FORMS OF ROADWAY CONSTRUCTION. THE THICKNESS OF THE CAPPING LAYER WILL VARY WITH THE CBR VALUE, AS INDICATED IN TABLE 1 BELOW. IF THE CBR VALUE OF THE SUBGRADE EXCEEDS 15%, NO CAPPING LAYER REQUIRED WHERE APPROVED BY DCE IRL. SEE FIGURE 4.1 IN PART 2A, HD25–26 OF NRA DESIGN MANUAL FOR ROADS AND BRIDGES.
CBR TESTS TO BE CARRIED OUT ON SUBGRADE TO CONFIRM ITS STRENGTH.
CBR TESTS TO BE CARRIED OUT ON TOP OF CAPPING TO CONFIRM A CBR VALUE OF 15% PRIOR TO INSTALLING THE SUBBASE LAYER.
CBR TESTS TO BE CARRIED OUT ON TOP OF SUBBASE TO CONFIRM A CBR VALUE OF 30% PRIOR TO INSTALLING THE ROADBASE LAYER.
ALL SPECIFIED AGGREGATE MATERIAL TO BE FROM PYRITE "FREE" QUARRY.



DISCHARGE OF SURFACE WATER INTO ATTENUATION SYSTEM

SCALE 1:20

REV	DATE	DESCRIPTION	DWG BY	APPR. BY
P1	14.07.26	REVISED PER PRE–PART 8 SUBMISSION COMMENTS	LS	LM
P	17.04.26	ISSUED FOR PLANNING	LS	LM

ISSUED: PLANNING

CLIENT: RESPOND SOCIAL HOUSING

PROJECT NAME: 84 HOUSES AT DARNDALE

DRAWING NAME: PROPOSED ROAD AND SUDS DETAILS SHEET 2 OF 2

PROJECT No.: 25D046

DRAWING No.: 11

REVISION: P1

SCALE: AS SHOWN

DRAWN DATE: 19.03.26

CAD DRAWN BY: L.S.

CHECKED BY: L.M.

APPROVED BY: D.H.

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