North Arrow

N
W E
S

Private Drainage Key

- Foul Inspection Chamber (Depth <0.6m [1 side connection])
- Foul Inspection Chamber (Depth <1.2m [2 side connections])
- Foul BR manhole PCC Ring (1.2-1.5m)
- Foul BR manhole PCC Ring (1.50-2.7m)
- Storm Inspection Chamber (Depth <0.6m [1 side connection])
- Storm Inspection Chamber (Depth <1.2m [2 side connections])
- Storm BR manhole PCC Ring (1.2-1.5m)
- Storm BR manhole PCC Ring (1.50-2.7m)
- FFL 12.50 — FFL Level
- RE

Surface Water Attenuation

Wavin "AquaCell" Storm Water Management System
Cellular storage tanks suitable for vehicular loading (where applicable) with 95% voids wrapped in a permeable geo-membrane

Permeable DRIVEAWAY
300mm Type 3 aggregate laid in layers not exceeding 100mm thick, each layer to be well compacted.

REV	DATE	DESCRIPTION/REASON FOR ISSUE	APPR

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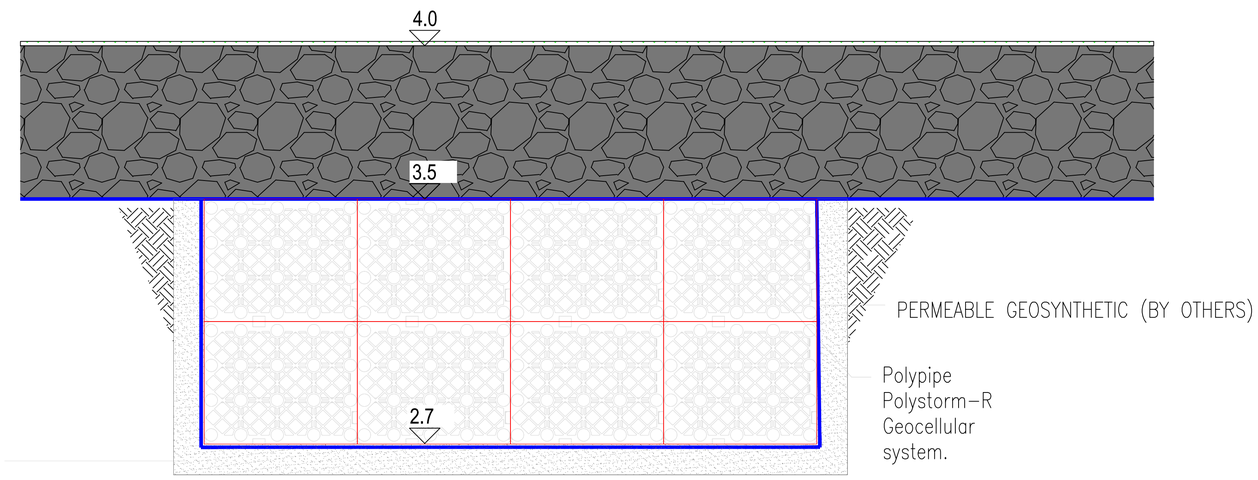
TITLE

THE SYCAMORES,
TYDD GOTE,
INDICATIVE DRAINAGE LAYOUT

ORIG	DATE
A.Y	07.10.22
CHKD	SCALE 1:100
APPR	DRAWING NO 2955-04 REV -

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Detail 1: TYPICAL ROAD GEO-CELLULAR TANK DETAIL SECTION B-B (Scale 1:10)



Base of excavation should be compacted and smooth and level, free of large or sharp stones and soft spots. Bed on 100mm granular material.

SOAKAWAY	SA-01
Lowest Cover Level (m)	4.00
Level top of Cells (m)	3.5
Base level of Cells (m)	2.7
Pipe invert (m)	3.4
Contributing area (m2)	120
Dimension on Plan (m)	4.0 X 3.5 X 0.8
Cell Thickness (m)	0.8
Void Space (%)	95
Maximum Storage Volume (m3)	10.64

14m² CELLULAR SOAKAWAY OF 0.8m DEPTH PROVIDING TOTAL ATTENUATION OF 10.64m³.

Note: INFILTRATION RATE IN LINE WITH BRE 365 TO BE CONDUCTED BY CONTRACTOR BEFORE CONSTRUCTION

8.6m LONG, 2.5m DIAMETER MARSHIN INDUSTRIES CESSPOOL PROVIDING 40m³ OF ATTENUATION

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