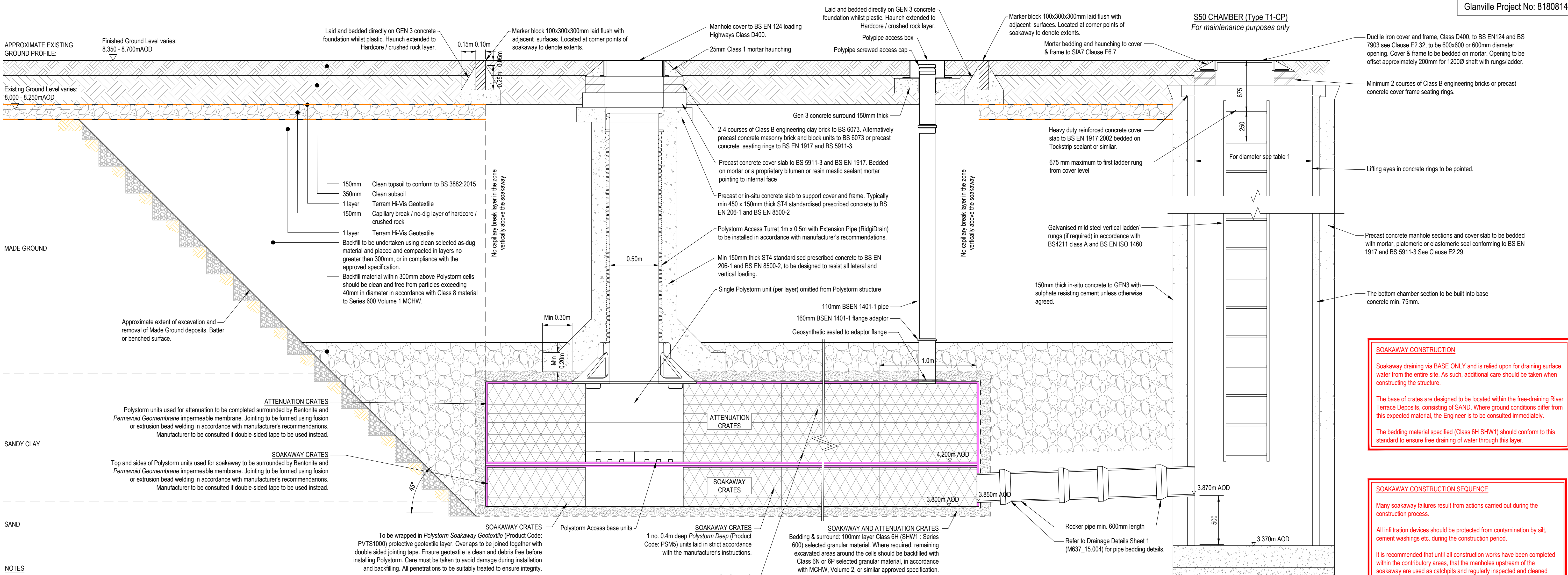
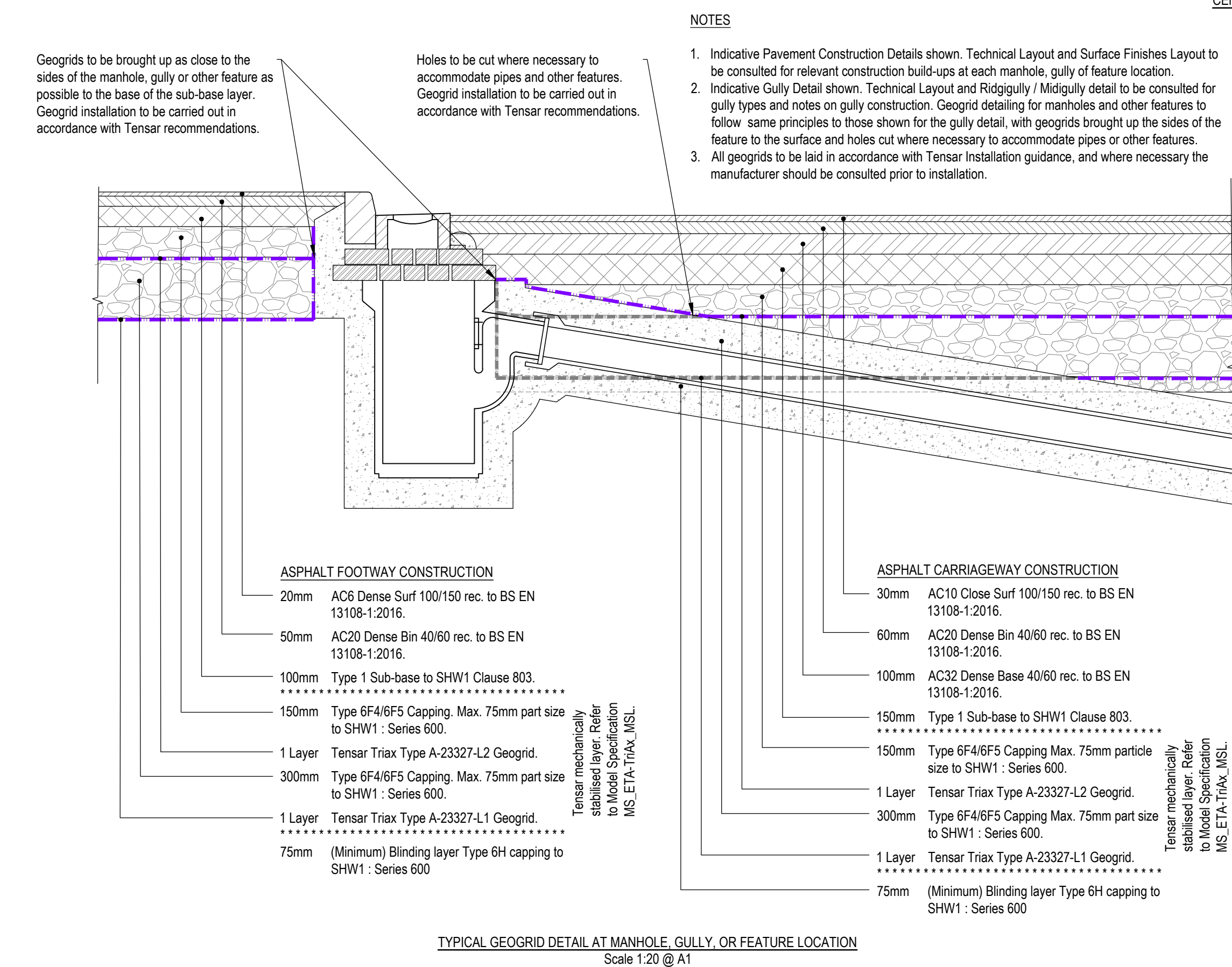
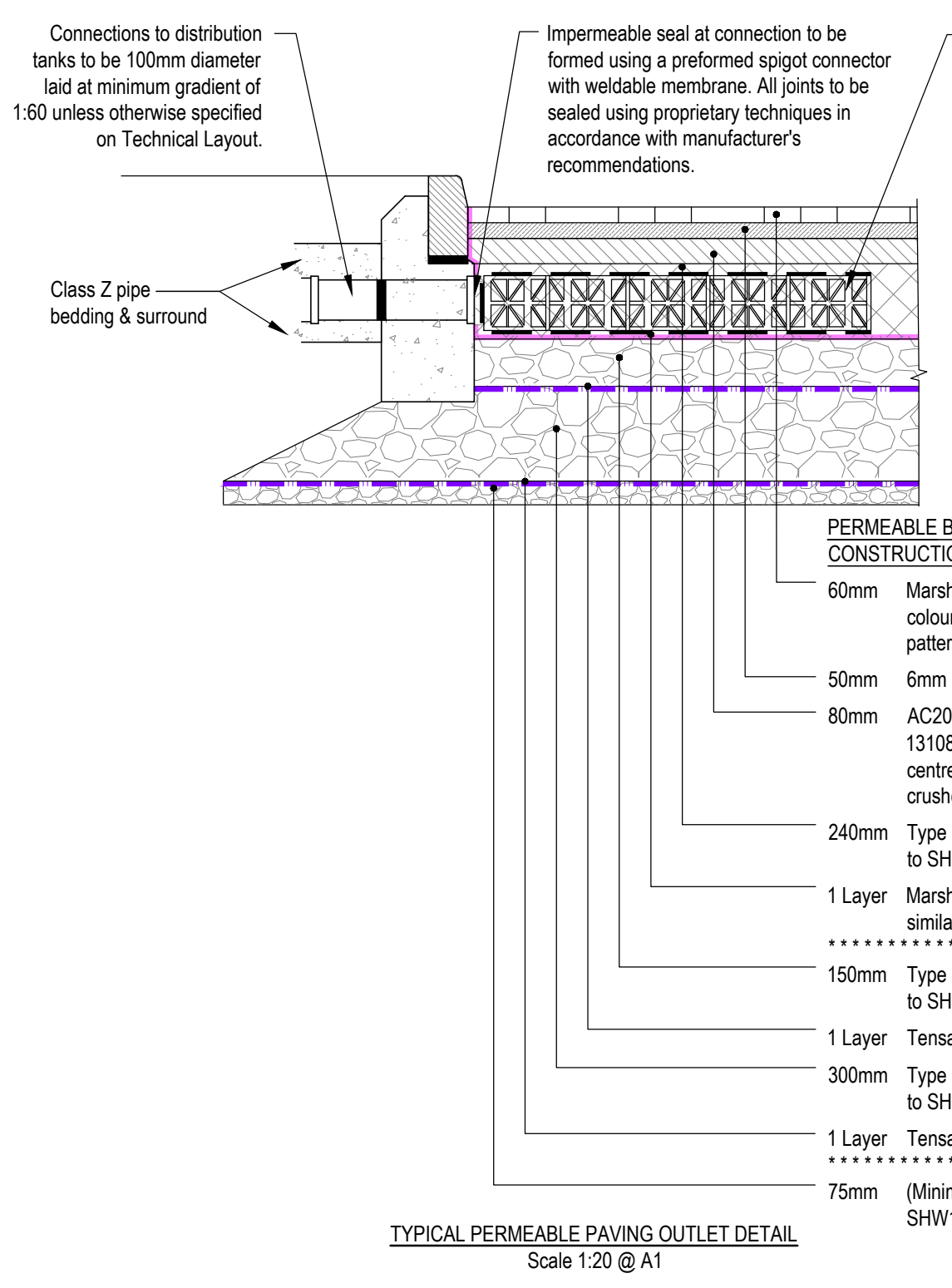




- NOTES**
- Indicative soft landscaping / top-soil build-up shown. Refer to Landscape Architect's details for details of all soft landscaping and GESL Ground Investigation report (Ref. 17106 - GAR/AP01/231018) for details of suitable soil fill and remedial actions.
 - Construction detail and product specifications to be approved by Polypipe prior to construction. All Polypipe units to be installed in accordance with Polypipe installation guidance, and where necessary the manufacturer should be consulted prior to installation.
 - Refer to Technical Sheet 2 (M637_13.001, 13.002, 13.003) for soakaway plan, pipe details and access manhole locations.



CENTRAL SOAKAWAY / ATTENUATION CRATE DETAIL
Scale 1:20 @ A1



- SCHEDULE OF INLETS AND OUTLETS TO CRATES**
Refer to Technical Layout (M637_13.001/13.002/13.003/13.004 for chamber references and locations).
- S50 (LOWER CRATE INLET), REFER TO DRAINAGE DETAILS SHEET 2 (M637_15.005)
 - S1, S10, S20 AND S30 (UPPER CRATE INLETS) TO FOLLOW S50 T1-CP DETAIL, EXCEPTING INLET CONNECTION TO BE MADE INTO UPPER ATTENUATION CRATES
 - S40 (UPPER CRATE OUTLET), REFER TO DRAINAGE DETAILS SHEET 4 (M637_15.007)
 - S41 (LOWER CRATE INLET), REFER TO DRAINAGE DETAILS SHEET 4 (M637_15.007)

SOAKAWAY CONSTRUCTION

Soakaway draining via BASE ONLY and is relied upon for draining surface water from the entire site. As such, additional care should be taken when constructing the structure.

The base of crates are designed to be located within the free-draining River Terrace Deposits, consisting of SAND. Where ground conditions differ from this expected material, the Engineer is to be consulted immediately.

The bedding material specified (Class 6H SHW1) should conform to this standard to ensure free draining of water through this layer.

SOAKAWAY CONSTRUCTION SEQUENCE

Many soakaway failures result from actions carried out during the construction process.

All infiltration devices should be protected from contamination by silt, cement washings etc. during the construction period.

It is recommended that until all construction works have been completed within the contributory areas, that the manholes upstream of the soakaway are used as catchpits and regularly inspected and cleaned throughout the construction process.

- NOTES**
- This drawing is to be read in conjunction with all other relevant documents and specifications.
 - Do not scale from this drawing.
 - Buried concrete to be Design Sulphate Class DS-2 and ACEC AC-2 within Made Ground, and DS-1 and AC-1 within River Terrace Deposits or Chalk Bedrock.
 - Any discrepancies between this drawing and any other engineering drawings should be reported to the Project Engineer immediately.
 - Unless specifically noted otherwise, clauses and tables refer to the Specification for Highway works (SHW) Volume 1 of the Manual for Contract Documents for Highway Works.

Drawing reference no.

M637_11.001 - 11.005	Drawing Title
M637_12.001	- Setting Out
M637_13.001/13.002/13.003/13.004	- Technical Layout
M637_14.001/14.002/14.003/14.004	- Surface Finishes Layout
M637_15.001/15.002/15.003	- Engineering Details
M637_15.004/15.005/15.006/15.007	- Drainage Details
M637_16.001	- Cut and Fill
M637_16.002	- Tensar Geogrid Plan
M637_17.001/17.002	- S278 Agreement Plans
M637_18.001/18.002/18.003/18.004	- Combined Services
THA21635-03A	- Tree Protection Plan, 2018.08.11
GY46241/001A	- Topographical Survey, 2017.11.27

T5	S50 detail added to soakaway / attenuation section. Permeable paving detail amended.	28.08.19	JB
T4	Central Soakaway detail revised.	15.08.19	JB
T3	Soakaway maintenance / catchpit detail & levels, and pavement construction updated.	04.04.19	CS
T2	Notes to Polystorm updated and note and construction note added.	14.03.19	CS
T1	Tender Issue.	25.02.19	CS
Rev.	Description	Date	Chkd

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Client :

Project : **Cornfield Close, Littlehampton**

Title : **Drainage Details Sheet 2 of 4**

Project Engineer :	C.Salt	Scale :	As Shown @ A1
Project Director :	J.Birch	Date :	February 2019
Status :	TENDER		

Drawing No.	M637_15.005	Rev	T5
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