

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.

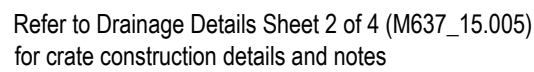
The base of crates are designed to be located within the free-draining River Terrace Deposits, consisting of SAND. Where ground conditions differ from this expected material, the Engineer is to be consulted immediately.

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

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.



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).



1. This drawing is to be read in conjunction with all other relevant documents and specifications.
2. Do not scale from this drawing.
3. Buried concrete to be Design Sulphate Class DS-2 and ACCE AC-2 within Made Ground, and DS-1 and AC-1 within River Terrace Deposits or Chalk Bedrock.
4. Any discrepancies between this drawing and any other engineering drawings should be reported to the Project Engineer immediately.
5. 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.	Drawing Title
M637_11.001_11.005	- Setting Out
M637_12.001	- Longitudinal Sections
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_18.002	- Tensar Geogrid Plans
M637_19.001/19.002	- 1978 Agreement Plans
M637_18.001/18.002/18.003/18.004	- Combined Section
THA21635-03A	- Tree Protection Plan, 2018.08.11
	- ACD Environmental.
GY4624/11001A	- Topographical Survey, 2017.11.27
	- Sunshine Survey Ltd.

T2	Weir wall level raised. Notes added.	28.08.19 MLM	CS
T1	Tender Issue.	15.08.19 MLM / CS	JB
Rev.	Description	Date	Chkd



Client : 



THAKEHAM

Project :

Cornfield Close,
Littlehampton

Title :

Drainage Details
Sheet 4 of 4

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

Drawing No.	M637 15.007	Rev	T2
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