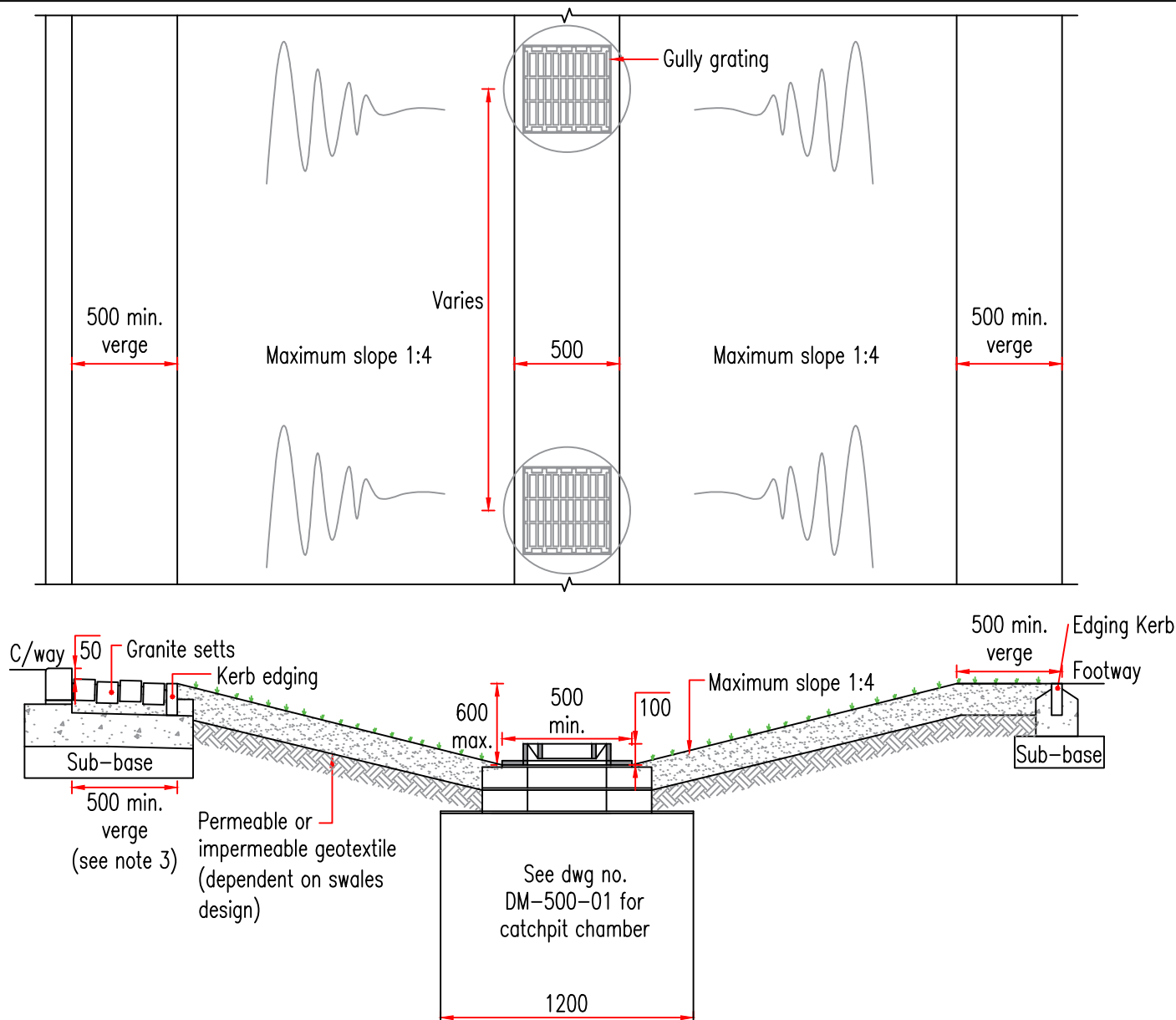


NOTES

1. Trees and hedge may be planted in slopes adjacent to swales without underdrains subject to appropriate soil properties, species selection and root protection agreed in writing with SCC – See Suffolk Design guide for tree in Highways.
2. Area adjacent to carriageway to be constructed with 100 x 100 x 100mm granite setts on a Class 3 mortar bed 50mm thick with Class 3 12mm wide mortar joints to capture silt/debris from carriageway.
3. Area to be extended to 1m to allow for street lighting.
4. Topsoil 150mm thick with turf or planting as permitted design.
5. Swale design to align with national & LLFA guidance: longitudinal slopes should be 0.5–6% (1:33) unless specific site/safety arrangements allow for alternative criteria. Check dams needed if gradient steeper than 0.5–6% (1:33).
6. Minimum length of swale to be 5m.
7. These swales can be used within impermeable soils.
8. Top of gully grating to be 100mm above base of swale. For gully grating details see drawing no. DM-500-08.



DRAWING TITLE

DRAINAGE AND SERVICE DUCTS
CATCHPIT CHEMER IN SWALE

REV.	DESCRIPTION	CHECKED	DATE
A	MINOR CHANGES IN SECTION	CB	11/2025

INIT.	DATE	PROJECT TITLE	
		STANDARD CONSTRUCTION DETAILS	
ORIGINATOR	RY	08/2024	
CHECKER	SH	08/2024	
DESIGNER	RY	08/2024	
REVIEWER	TK	08/2024	
SCALE		N.T.S.	DATE
DRAWING No.		AUG. 2024	
		DM-500-18A	