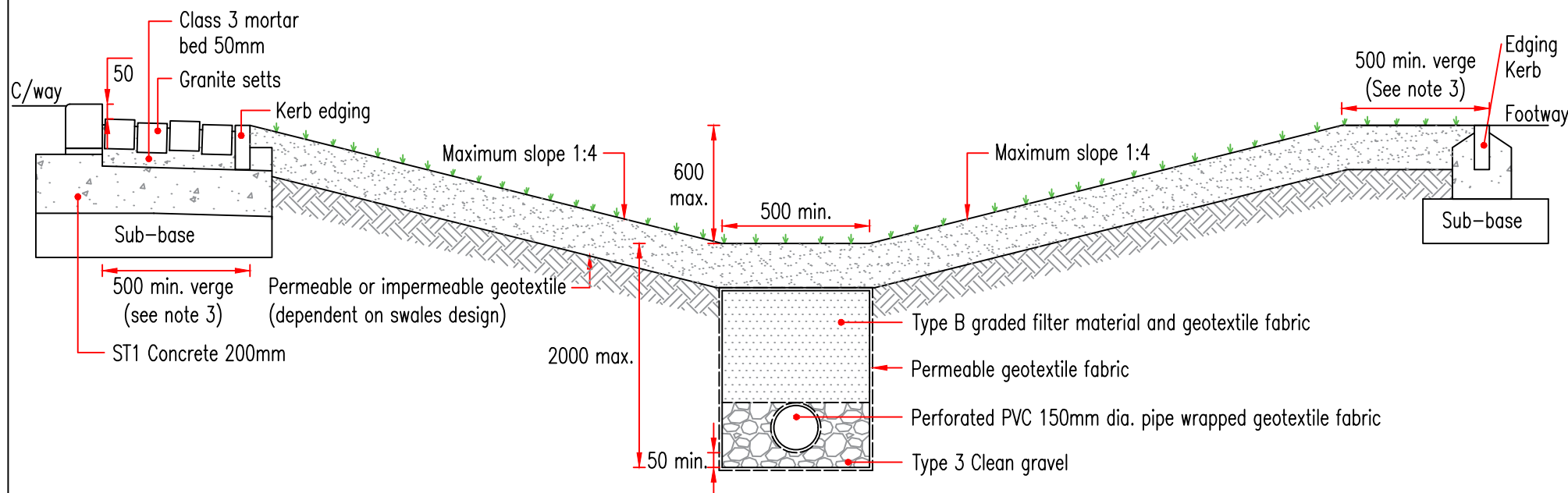


NOTES

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| 1. Area adjacent to carriageway run off 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. | 6. Minimum length of swale to be 5m. |
| 2. Area to be extended to 1m to allow for street lighting. | 7. Perforated pipe should be elevated in infiltration structures to ensure it does not convey flow during 1:1+CC rainfall event. |
| 3. Topsoil 150mm thick with turf or planting as permitted design. | 8. Type B material can be replaced by bio-retention material for greater treatment of surface water but overflow will need to be designed at a level to be agreed with SCC and LLFA. |
| 4. Inspection chamber to be at designed at 70m centres and connected into surface water system. | 9. These swales can be used within impermeable soils. |
| 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). | |



Growth, Highways & Infrastructure
Suffolk County Council
Endeavour House
8 Russell Road
Ipswich
Suffolk IP1 2BX

DRAWING TITLE

DRAINAGE AND SERVICE DUCTS
SURFACE WATER SWALE WITH FILTER DRAIN

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

	INIT.	DATE	PROJECT TITLE	
ORIGINATOR	RY	08/2024	STANDARD CONSTRUCTION	
CHECKER	SH	08/2024	SCALE	DATE
DESIGNER	RY	08/2024	N.T.S.	AUG. 2024
REVIEWER	TK	08/2024	DRAWING No.	
			DM-500-17A	