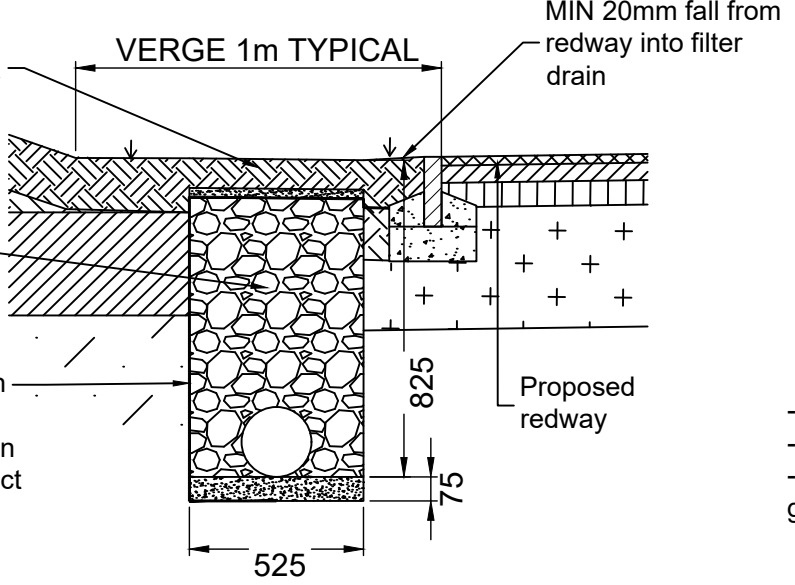


- NOTES**
- All dimensions in millimetres unless shown otherwise.
 - C25/30 strength mix reinforcement and slab detail to be approved by an MKCC engineer.
 - Pipe, bedding and materials must not be changed between chambers.
 - Saddle connections may only be used with the approval of a MKCC engineer.
 - Slotted pipes to be laid with slots downwards unless otherwise directed.
 - Filter drain trenches may only be covered by topsoil with approval of an MKCC engineer.
 - If more than one pipe connects to a drain, it will be 225mm diameter.
 - Pipes of 900mm diameter (D) or greater must comply with the requirements of DMRB CG300.
 - Pipe materials shall be:
 - Vitrified clay pipes to BS 65
 - Concrete pipes to BS EN 1916
 - Thermoplastic pipes to MCHW Cl. 1.35, 1.36, 2.31, 2.32 & 2.33 (minimum SDR34)

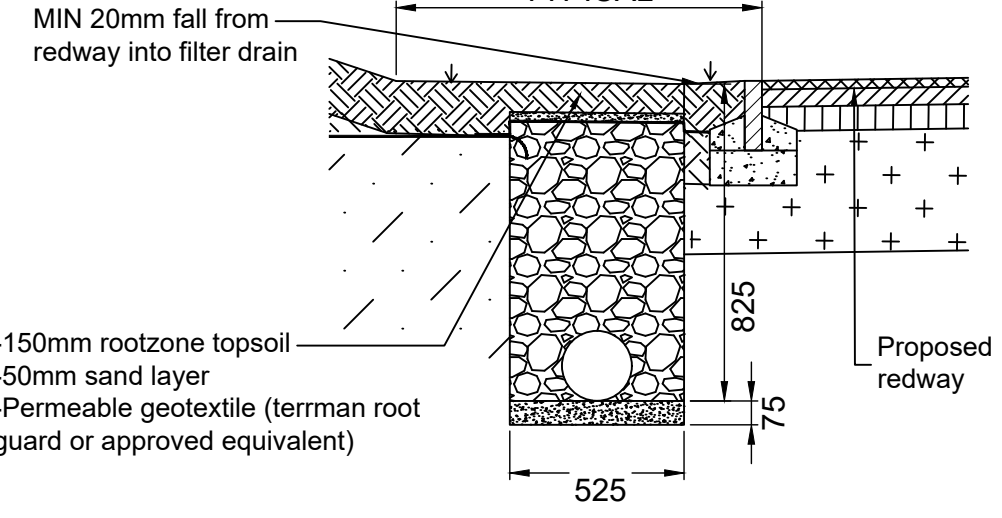
-150mm rootzone topsoil
 -50mm sand layer
 -Permeable geotextile (terram root guard or approved equivalent)

Highway embankment stone starter layer with permeable membrane to end in contact with filter drain.

Filter drain to be lined on one or both sides with permeable geotextile root barrier (terram root guard or approved equivalent) where defined on the landscape plans. refer to landscape architect drawings for plan extent.



Filter drain adjacent to redway (stone starter layer)



Filter drain adjacent to redway (geosynthetic starter layer)

Table 1:

Pipe diameter	Thickness of compressible board or joint filler
less than 450	18
450 - 1200	36
over 1200	54

10. For further information refer to Standard Detail Guidance Note drawing no. MKCC-100-001.

MK Milton Keynes City Council
 Highways and Transportation
 Civic Offices
 1 Saxon Gate East
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 MK9 3EJ

DRAWING TITLE: Drain Types Under Verges												
SCALE: NTS	REV: P01	DRAWN: PG	CHECKED: JM	APPROVED: LS	REV:	AMENDMENTS:	DRN:	CHCK'D:	APPR'D:	DATE:		
		INITIALS:			DRAWING NO: MKCC-500-005							
		DATE:	17/02/2026	17/03/2026	17/03/2026							

