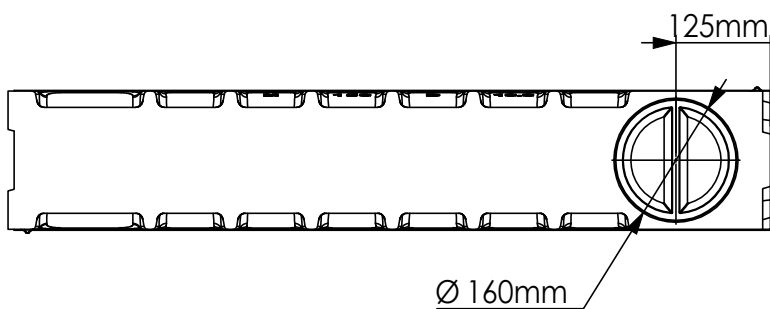
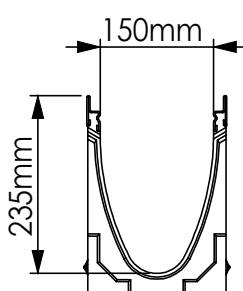
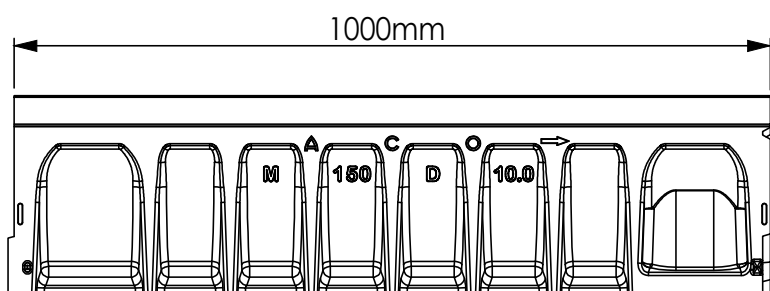
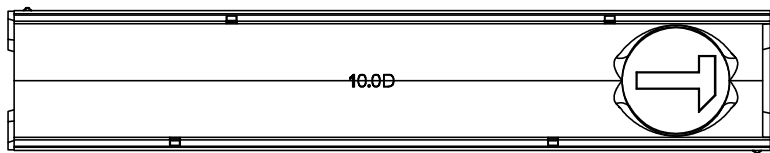
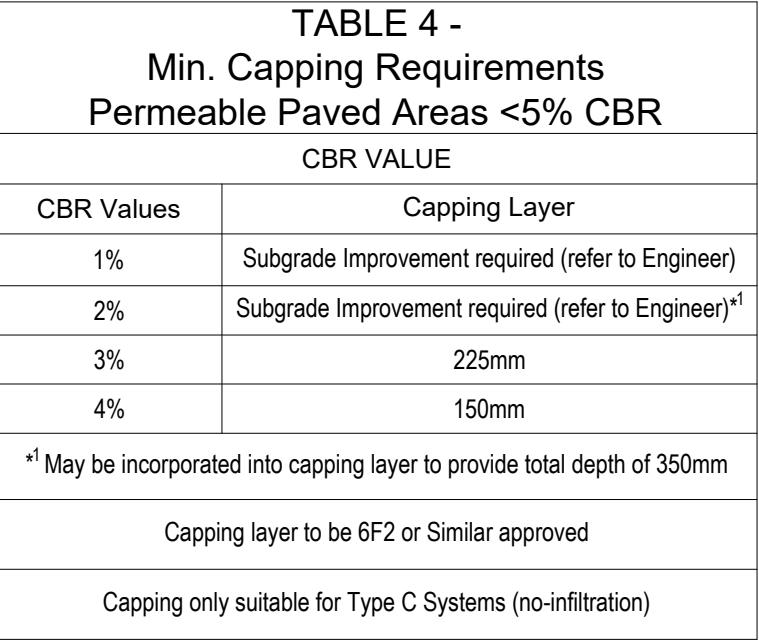




Edge construction laid to fall towards parking bays

125x255 HB2 Kerb to provide restraint 125mm Upstand

80mm thickness Permeable Paving (Type TBC)

50mm thickness of 6.3-2mm grit to BS7533-13:2009 and BS 13242:2002

90mm AC 20 Dense Base 40/60 to BS EN131801-1

Coarse graded aggregate to BS7533-13:2009 and BS 13242:2002 - thickness varies, refer to Engineering Layout for depths

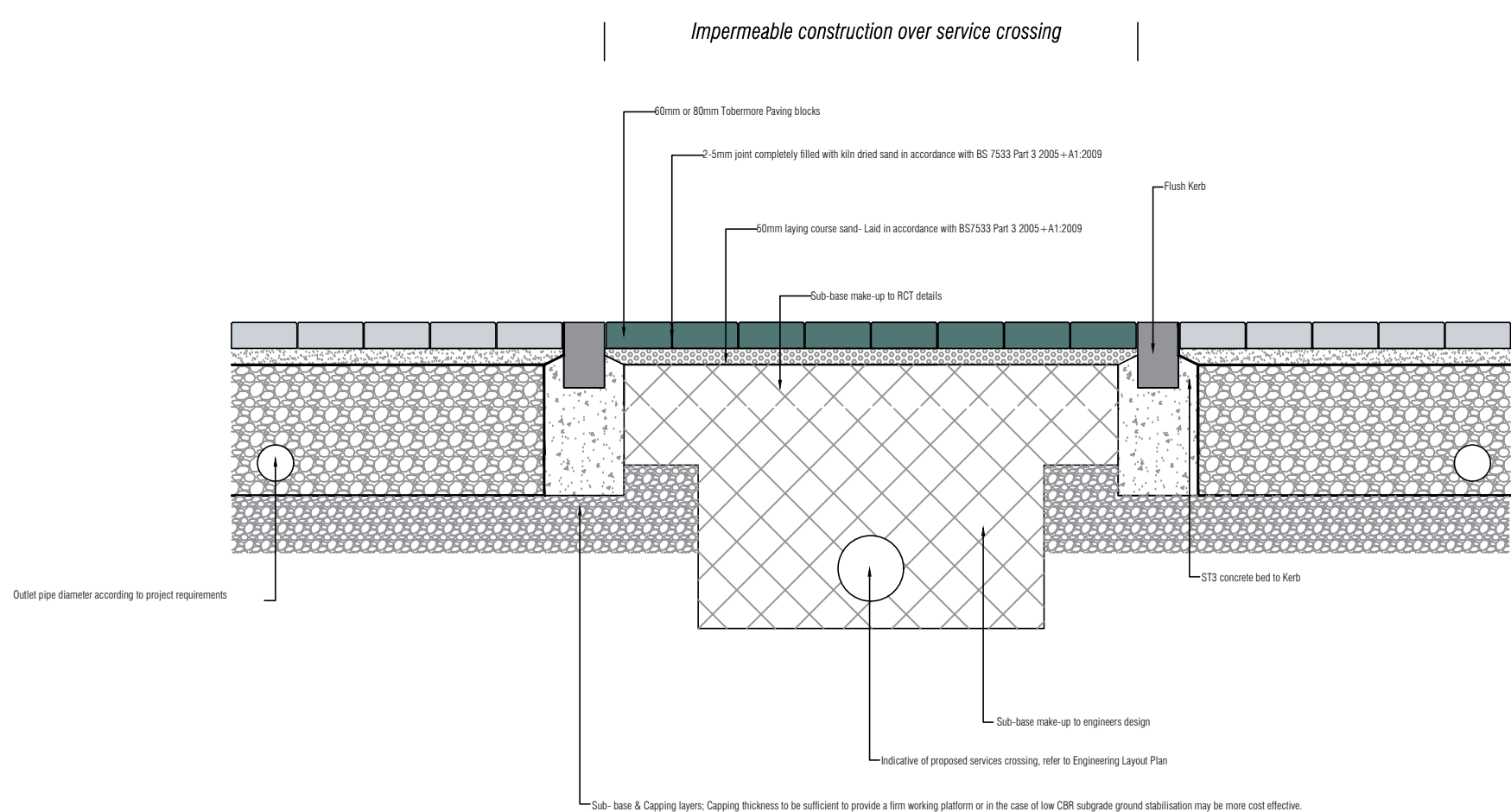
Geotextile to BS 7533-13:2009

Impermeable membrane to BS7533-13:2009.

1000 Outlet to grav drainage system

Findrain outlets with top hat seals to impermeable membrane

TYPICAL SECTION THROUGH PERMEABLE PAVED HIGHWAY



SERVICES CROSSING WITHIN PERMEABLE PAVING



1. Do Not Scale
2. The contractor is to check and verify all buildings and site dimensions and levels, including sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
3. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
4. This drawing is to be read in conjunction with and checked against all other drawings, Engineering Details, Specification and any structural, geotechnical or other specialist document provided.
5. Any anomaly or contradiction between any of the above is to be reported to Engineer.
6. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

DRAINAGE NOTES

1. This drawing is to be read in conjunction with all other relevant project drawings and specifications.
2. All levels are in metres above ordnance datum based on the topographical survey drawing supplied by the client.
3. All existing drainage levels and outfall points shall be surveyed and verified by the contractor prior to the commencement of the works. Any discrepancies shall be reported to the engineer immediately.
4. Pipework under roads with less than 1.2m cover, and other trafficked areas with less than 0.9m cover to receive concrete encasement. Compressible fillerboard (18mm thick) to be placed at pipe joints at least the width of the concrete surround. Cover slabs/concrete protection to pipes where damage from garden implements is possible is to be provided via concrete grade gen 1.
5. Large radius bends to be used at the foot of vertical discharge pipes/sips.
6. Manhole covers should not bridge different surfaces.
7. Where two pipelines (other than plastic pipes) cross with less than 300mm separation pipes are to be surrounded with class z concrete surround for not less than 1m centred on the crossing point. Concrete surround to be extended as necessary to within 150mm of nearest flexible joints.
8. All foul outlet and rainwater pipe positions are to be confirmed by the architect.
9. All below slab foul drainage to be 100mm diameter laid to a minimum gradient of 1:80.
10. All pipework to be clay or pvcu with flexible joints all fully in compliance with the Building Regulations 2010.
11. All pipework to be laid with soffit to soffit connections unless noted otherwise.
12. All redundant pipework to be removed/grubbed-up to the satisfaction of the Building Control Officer.

REV.	DATE	DETAILS	BY	CHK.
AMENDMENTS				

CONSULTING
ENGINEERS

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 www.linkedin.com/company/phg-consulting-engineers

PROJECT: Monmouthshire Housing
Monbank
Newport

DRAWING TITLE:

SUDS Construction Details

Sheet 2

DRAWN:	CHK:	STATUS:	SCALE:
TJP	SD	Information	NTS @ A1
DATE:	JOB NO.	DRG. NO.	REV.
Jul '24	2437	103-2	A