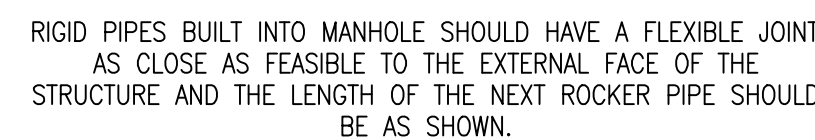


THE SIZES STATED ARE THE MINIMUM ACCEPTABLE. WHERE TWO OR MORE PIPES ENTER THE MANOLE THE CHAMBER SIZE MUST BE SUFFIEICENT TO ACCOMMODATE THE REQUIRED BENCHING SHOWN.

NOTES:
ALL PIPES BUILT INTO MANHOLE INVERT SHALL BE INSTALLED
TO SOFFITS LEVEL.

DIM X $\geq$ 150mm FOR PIPES $<$ 200mm $\varnothing$
DIM X $\geq$ 200mm FOR PIPES TRENCHES IN ROCK

PROTECTION	MIN. COVER	LOCATION
CLASS 5 BEDDING – 150 GRANULAR BED AND SURROUND.	0.35m	DOMESTIC GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS.
	0.50m	DOMESTIC DRIVEWAYS, PARKING AREAS, AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ENTRY BY VEHICLES >7.5 TONNES.
	0.90m	DOMESTIC DRIVEWAYS, PARKING AREAS, AND NARROW STREETS WITHOUT FOOTWAYS WITH LIMITED ACCESS FOR VEHICLES >7.5 TONNES, AND AGRICULTURAL LAND AND PUBLIC OPEN SPACE.
	1.20m	OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES >7.5 TONNES
CONCRETE SLAB PROTECTION	LESS THAN	MINIMUM COVER AS SPECIFIED ABOVE

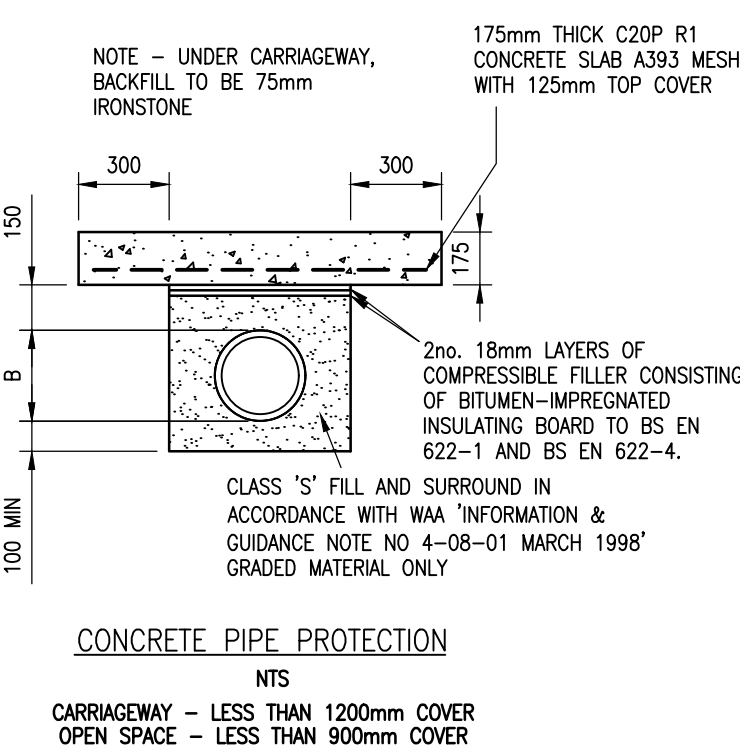


NOMINAL DIAMETER (mm)	MAXIMUM EFFECTIVE LENGTH (m)
150 – 600	0.60
601 – 750	1.00
OVER 750	1.25

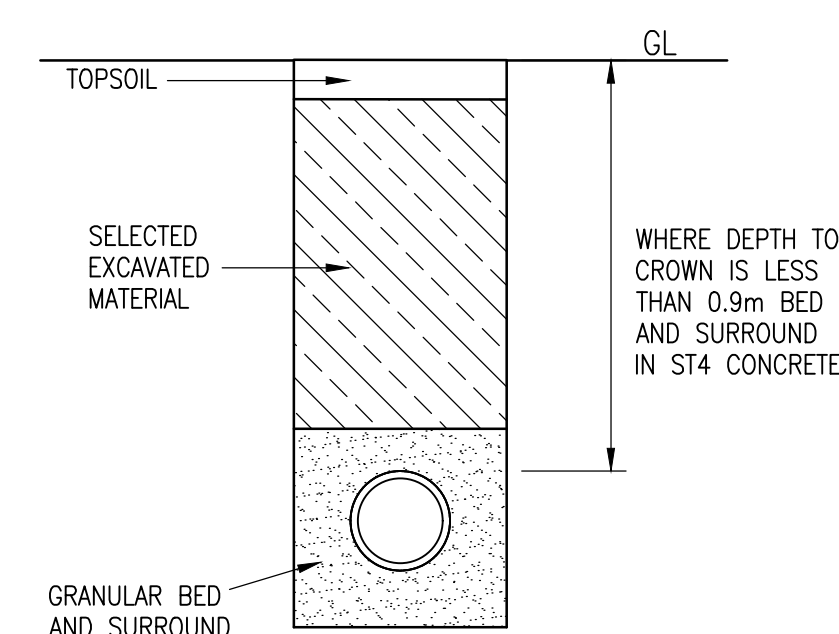
ALL PIPES ENTERING THE BOTTOM OF THE MANHOLE TO HAVE
SOFFITS LEVEL.

TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

(DETAIL IN ACCORDANCE WITH FIGURE B13 OF SSG APPENDIX C)
SCALE 1:20



TRENCH IN ADOPTABLE HIGHWAY/CARRIAGEWAY
NTS



TRENCH IN OPEN SPACE/PRIVATE LAND
NTS

- NOTES:**
1. FOUL SEWERS SHALL BE CONSTRUCTED TO THE SATISFACTION OF SEVERN TRENT WATER AND IN ACCORDANCE WITH DESIGN AND CONSTRUCTION OFFERANCE FOR FOUL AND SURFACE WATER SEWERS OFFERED FOR ADOPTION UNDER THE CODE FOR ADOPTION AGREEMENTS FOR WATER AND SEWERAGE COMPANIES OPERATING WHOLLY OR MAINLY IN ENGLAND ("THE CODE") APPROVED VERSION 2.2 JUNE 2022.
 2. ALL SPECIFICATION CLAUSES LISTED REFER TO AFOREMENTIONED DOCUMENT.
 3. THIS DRAWING IS INTENDED FOR GUIDANCE ONLY, IS NOT FULLY COMPREHENSIVE AND MUST BE READ IN CONJUNCTION WITH THE ABOVE DOCUMENT, WHICH WILL SUPERSEDE THIS DRAWING IN THE EVENT OF CONFLICT.
 4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 5. ALL MATERIALS FOR USE IN THE CONTRACT MUST BE BS KITEMARKED.
 6. THE CONTRACTOR MUST ALLOW WITHIN THEIR RATES FOR COMPLIANCE AT ALL TIMES WITH THE 1974 HEALTH AND SAFETY AT WORK ACT AND THE 2015 CDM REGULATIONS.
 7. FLOWS IN EXISTING SEWERS SHALL BE MAINTAINED AT ALL TIMES.
 8. ALL LIFTING EYES IN P.C.C. PRODUCTS SHALL BE POINTED SMOOTH AFTER FIXING.
 9. CORRELLING OF BRICKWORK SHALL NOT EXCEED 30MM PER COURSE.
 10. ALL CEMENT AND CONCRETE PRODUCTS TO USE SULPHATE RESISTING CEMENT.
 11. ALL PIPEWORK TO HAVE SPIGOT AND SOCKET FLEXIBLE JOINTS UNLESS OTHERWISE SPECIFIED. ALL CLAY PIPES AND FITTINGS SHALL BE TO BS EN295-1. ALL CONCRETE PIPES AND FITTINGS SHALL BE TO BS5911-1 & BS EN 1916.
 12. WHEREVER APPROPRIATE, GEOTEXTILES SHALL BE USED TO CONTAIN BEDDING & SURROUND MATERIAL E.G. IN AREAS OF RUNNING SAND.
 13. ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE BS 5911-3 & BS EN1917.
 14. PIPES OF DIFFERENT DIAMETERS ENTERING MANHOLES SHALL BE INSTALLED WITH SOFFITS AT THE SAME LEVEL UNLESS STATED OTHERWISE.
 15. TYPE B MANHOLE COVERS TO BE 675 x 675mm COVER AND FRAME TO MAINTAIN CLEAR 600 x 600mm CLEAR OPENING, UNLESS OTHERWISE STATED IN ACCORDANCE WITH BS EN 124 CLASS D400 AND EMBOSSED.
 16. PRECAST CONCRETE RINGS SHALL NOT BE CUT UNDER ANY CIRCUMSTANCES. MANHOLES TO BE BUILT UP WITH CONCRETE OR BRICK WORK TO THE REQUIRED LEVEL.

THIS DRAWING IS FOR INFORMATION/ APPROVAL
AND SUBJECT TO AMENDMENT. NO RELIANCE
SHOULD BE TAKEN UNTIL THE DRAWING STATUS
IS CHANGED TO 'FOR CONSTRUCTION'.

REV:	FIRST ISSUE	MW	NB	AW	06.08.
	AMENDMENTS:	DRN:	CHK:	APP:	DATE

PROJECT: CHAPEL LANE
WITHERLEY

DRAWING TITLE: ADOPTABLE DRAINAGE
CONSTRUCTION DETAILS

CLIENT: A.R. CARTWRIGHT
CONSTRUCTION LTD

DRAWING NUMBER: 20652 02 080 02

REVISION:	SHEET SIZE:	SCALE:
-	A1	AS SHOWN

S: FOR INFORMATION / APPROVAL

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