

ICOSA:
General Notes.

1. No backdrops to be used, steeper gradients are preferred to the use of backdrops.
2. For Type C manholes the opening cover and frame should be located centrally over the pipe – refer to the Sewer Sector Guidance Design and Construction Document Version 2.0 Figures B14.
3. The outside of the sewer should be in vehicle carriageway (not footpath) and be at least 1m from the kerb line. The outside manholes should be at least 0.5m from kerb line.
4. The materials to be used should be suitable for the ground conditions.
5. In situations where traffic loading is anticipated to be heavier than would occur on a typical residential estate distributor road (i.e. braking or turning near a junction) a higher specification cover (E600) should be used. This should comprise either a Class E600 cover or a D400 of a type that has been assessed and approved by the sewerage company as having sufficient additional ruggedness to ensure durability.
6. It is not permitted for services to be laid above adoptable sewers where the sewers and services are parallel. The lateral separation should be at least 1m.

ICOSA:
Plastic Pipe Standards.

1. Solid wall PVC-U to BS EN 1401.
2. Spiral wound welded HDPE to EN 13476 Parts 1&2.
3. Structural-wall thermoplastics to EN 13476 Parts 1&3.
4. Polypropylene to BS EN 1852.



ENGINEERING KEY:

MANHOLE REFERENCE
COVER LEVEL
INVERT LEVEL
PIPE DIAMETER
PIPE GRADE
PIPE LENGTH

SECTION 104 STORM SEWER

MANHOLE REFERENCE
COVER LEVEL
INVERT LEVEL
PIPE DIAMETER
PIPE GRADE
PIPE LENGTH

SECTION 104 FOUL SEWER

SEWER/DRAINAGE EASEMENT
DIMENSIONED

PRIVATE STORM SEWER

HIGHWAY GULLY

PRIVATE FOUL LATERAL

PRIVATE STORM LATERAL

CARRIAGEWAY LOW/HIGH POINT

EXISTING STORM WATER SEWER

EXISTING FOUL WATER SEWER

G	EVAPOTRANSPIRATION FEATURE ADDED TO BASIN.	23.10.25	JG
F	BEND WIDENING FRONTING PLOT 25 INTRODUCED.	27.05.25	JG
E	RAMP MOVED ADJACENT TO PLOT 26.	26.03.24	JG
D	ADDITIONAL IMP. AREA ADDED, STORM SEWER UPSIZED TO SUIT, FOUL SEWER LOWERED TO SUIT.	28.02.25	JG
C	S107 MOVED TO ACCOMMODATE 1800mm DIAMETER FOR CATCHPIT.	17.12.24	JG
B	RD2 REDUCED TO 4.8m WIDTH.	25.11.24	JG
A	UPDATED TO CLIENT COMMENTS.	17.10.24	JG
REV	DESCRIPTION	DATE	INITIAL

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CLIENT

mypad
From land to living

PROJECT

PROPOSED RESIDENTIAL DEVELOPMENT AT
**BARTON ROAD,
BARLESTONE**

TITLE

SECTION 104 PLAN

DRAWN	JG	DATE	07-10-2024	PURPOSE OF ISSUE	☐ PRELIMINARY ☒ APPROVAL ☐ CONSTRUCTION
SCALE	1/500	SIZE	A1		
DWG NO.	E279-70-01			REV.	G