



1. DO NOT SCALE FROM THIS DRAWING. USE ONLY WRITTEN
2. ALL PIPE DIAMETERS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS OTHERWISE STATED.
3. LOCATIONS AND LEVELS OF CONNECTIONS TO EXISTING SEWERS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCING WORKS.
4. ANALYSES ARE TO BE REPORTED TO THE ENGINEER.
5. COVER LEVELS FOR MANHOLES AND INSPECTION CHAMBERS ARE INDICATIVE ONLY - THEY SHALL BE LAID FLUSH WITH THE ADJACENT SURFACING.
6. FSL PROVIDED BY BFMV-138.81 FOR ALL OF A/J1
7. ALL WORKS TO COMPLY WITH SEWERS FOR ADDITIONAL EDITION TO BE INSTALLED (POLYPIPE OR SIMILAR APPROVED) IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION.
8. ALL PIPEWORK TO HAVE CLASS B BEDDING WHERE 1.2m COVER IS PROVIDED. PIPEWORK WITH LESS THAN 1.2m COVER IS TO HAVE TYPE 2 BEDDING AND SURROUND.
9. INSPECTION CHAMBERS IN DRIVEWAYS ARE TO HAVE PREWORK BUILT THROUGH STRUCTURAL WALL SHALL HAVE 50mm CLEARANCE AND A SUITABLE LINTEL.
10. PREWORK BUILT THROUGH STRUCTURAL WALL SHALL BE INSTALLED TO OPENING FLEXIBLE JOINTS EITHER SIDE OF THE WALL SHOULD BE LOCATED NOT MORE THEN 150mm FROM THE FACE.
11. TYPE 3 AND 4 PIPES ARE BY MAIN OR SIMILAR APPROVED.
12. ANY OTHER PIPES WITHOUT A JWC CONNECTION SHOULD NOT BE FLATTER THAN 1:40
13. ALL PIPES INCLUDING HARVESTING UNITS ARE TO OUTFALL VIA PLASTIDRAIN INLET HOPPER GULLY - BN 110 PE OR SIMILAR APPROVED.
14. ALL MANHOLES WITH COVER TO PIPE SLOTTED LESS THAN 300mm TO BE TYPE 2.5 PER LBS STANDARD DETAILS AND SP42
15. A 30mm REDUCTION IN LEVEL HAS BEEN ALLOWED FOR IN CONNECTIONS TO PLASTIC INSPECTION CHAMBERS (AS PER MAIN DETAILS) INVERT LEVELS REFER TO MAIN DETAILS AND SP42
16. THE CALCULATION OF INVERT LEVELS FOR ALL BRANCH MANHOLES ARE TO BE TYPE 2.5 PER LBS STANDARD DETAILS AND SP42
17. THIS VALUE MAY VARY AND THE DESIGNER SHOULD BE CONSULTED.
18. FOR DETAILS OF CHANNEL DRAINAGE SYSTEM REFER TO DRAWING NUMBER 47069217 DR. SD. 01.

NO	DATE	DESCRIPTION
01	13/12/2016	ISSUED FOR APPROVAL

Proj Mgr: N Byrne	Proj Dir.: V Bamford
Proj Eng: N Mawson	Scale: 1:100 @ A1

KEY:

- URBAN VISION SURFACE WATER SEWER
- EXISTING UNITED UTILITIES FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL SEWER
- EXISTING UU FOUL SEWER
- EXISTING UU SURFACE WATER SEWER
- EXISTING UU COMBINED SEWER
- AOO MIDO SLOPED CHANNEL DRAINS
- CHANNEL DRAIN OUTLET SUMP
- CHANNEL DRAIN END CAP
- EC
- OS
- PROPOSED TYPE 2 SURFACE WATER CONCRETE MANHOLE IN ACCORDANCE WITH SP47
- PROPOSED SURFACE WATER INSPECTION CHAMBER - TYPE 3
- PROPOSED OSMA SIC BY MAIN OR SIMILAR APPROVED DEPTH - 500mm TO INVERT UNLESS NOTED OTHERWISE - TYPE 4
- PROPOSED TYPE 1A MANHOLE
- PROPOSED FOUL INSPECTION CHAMBER - TYPE 3
- PROPOSED FOUL INSPECTION CHAMBER - TYPE 4
- DEPTH - 500mm TO INVERT UNLESS NOTED OTHERWISE
- FOUL TRAPPED BACK INLET GULLY

