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HEALTH AND SAFETY INFORMATION

Hazards, that would not have been foreseen by a reasonably competent contractor, have been identified by the designer

- EXCAVATING NEAR LIVE SERVICES
- WORKING ADJACENT TO LIVE TRAFFIC
- CONSTRUCTION ACTIVITIES ABOVE/ADJACENT TO GAS MAIN

NOTES

1. ALL LEVELS IN METRES UNLESS OTHERWISE STATED.
2. ALL DIAMETERS OF MANHOLE CHAMBERS IN MILLIMETRES UNLESS OTHERWISE STATED.
3. ALL COORDINATES ARE TAKEN FROM THOSE SUPPLIED FROM THE TOPOGRAPHIC SURVEY.
4. FOR DETAILS OF PIPE BEDDING AND BACKFILL REFER TO UNITED UTILITIES DRAWING STND05/001. WHERE CONFLICTING DETAILS OCCUR, UNITED UTILITIES DETAILS SHALL TAKE PRECEDENCE IN ALL CASES.
5. ALL ADOPTABLE SEWERS, UNLESS OTHERWISE STATED, SHALL BE:
 150 DIA TO BE VITRIFIED CLAY,
 225 DIA TO BE VITRIFIED CLAY,
 300 DIA TO BE VITRIFIED CLAY (TO BS EN 295-1),
 375 DIA AND GREATER TO BE CLASS 120 CONCRETE PIPES (TO BS EN 1916).
6. SEE DWG No UV004393-0052C-07 TO 09 FOR MANHOLE BASE PLANS, SEE DWG No UV004393-0052C-05 FOR MANHOLE SCHEDULE.
7. FLOW CONTROL SHALL BE THROUGH 4No. HYDRO-BRAKES:
 - S1A.2 - MD6 - 5L/S, 0.690m HEAD, 102mm DIA
 - S1A.6 - MD6 - 27L/S, 1.300m HEAD, 201mm DIA
 - S1A.10 - MD6 - 8L/S, 0.800m HEAD, 124mm DIA
 - S1A.12 - MD6 - 6.5L/S, 0.600m HEAD, 109mm DIA
8. URS TO UNDERTAKE ANY CONNECTION OR DIVERSION/ABANDONMENT AGREEMENTS NECESSARY OUTSIDE THE SCOPE OF THE SECTION 104 AGREEMENT.
9. ALL EXISTING RETAINED MANHOLE POSITIONS AND CONDITION TO BE VERIFIED AS ACCEPTABLE BY GALLIFORD TRY.
10. ALL PROPOSED SLAB LEVELS (SL 123.45) ARE INDICATIVE AND FINISHED LEVELS ARE TO BE FOUND ON ARCHITECTS DRAWINGS

KEY

- NETWORK 1A BOUNDARY
- PROPOSED ADOPTED SURFACE WATER SEWER
- PROPOSED ADOPTED SURFACE WATER MANHOLE
- PROPOSED ADOPTED FOUL WATER SEWER
- PROPOSED ADOPTED FOUL WATER MANHOLE
- PROPOSED ADOPTED COMBINED WATER SEWER (DIVERSION TBC BY URS)
- PROPOSED ADOPTED COMBINED WATER MANHOLE (DIVERSION TBC BY URS)
- EXISTING UU COMBINED WATER SEWER
- EXISTING UU COMBINED WATER MANHOLE
- PROPOSED HIGHWAY GULLY & DRAIN (NOT FOR UU ADOPTION)
- INDICATIVE LOCATION OF PROPOSED DEMARCATION CHAMBER
- 3m NO BUILD SEWER EASEMENT
- EXISTING UU SURFACE WATER SEWER

INSET

rev	description	date	drawn	chk	app
C07	S1A.1-S1A.3 S1A.8-OUTFALL1 MH ROAD GULLEY ADDED	06/02/2017	AD	SB	MJM
C06	AMENDS TO UU COMMENTS	11/07/2016	AD	SB	MJM
C05	AMENDS TO UU COMMENTS	24/06/2016	AD	SB	MJM
C04	AMENDS TO UU COMMENTS	13/06/2016	AD	SB	MJM
C03	AMENDS TO UU COMMENTS	18/05/2016	AD	SB	MJM
C02	MANHOLE S1A.3A ADDED	14/04/2016	AD	SB	MJM
C01	ISSUED FOR CONSTRUCTION	22/05/2015	MF	MJR	MAB

urbanvision
Urban Vision Partnership Ltd, Emerson House, Albert Street, Eccles, Manchester, M30 0TE. T 0161 779 4800

client: SOLUTIONS 4 BRUNSWICK

project: BRUNSWICK PFI

drawing: NETWORK 1A - PROPOSED S104 LAYOUT

approval status: ○ Feasibility / Sketch ○ Design ○ Tender ● Construction ○ As Built

date: 22/05/2015
drawn: MF
checked: MJR
approved: MAB

project ref: UV004393
drawing number: UV004393-0551A-03
scale @ A1: 1/250
revision: C06

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J:\UV004393 Brunswick PFI\Design Drainage\Surface Water