

NOTES:

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|  | PROPOSED SURFACE WATER SEWER |
|  | PROPOSED FOUL SEWER |
|  | PROPOSED SURFACE WATER DIVERSION |
|  | PROPOSED COMBINED/FOUL DIVERSION |
|  | GULLY |
|  | EXISTING COMBINED/FOUL SEWER |
|  | EXISTING SURFACE WATER SEWER |
|  | SEWER TO BE ABANDONED |

1. ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH SEWERS FOR ADIPTION 6TH EDITION AND UNITED UTILITIES GUIDELINES AND STANDARD DETAILS.
2. ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPOGRAPHIC SURVEY.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ANY EXISTING SEWERS ARE IN THE LOCATION INDICATED AND ANY EXISTING GROUND AND INVERT LEVELS SHOWN ON THE DRAWING ARE CORRECT PRIOR TO THE START OF ANY WORK. ANY DISCREPANCIES MUST NOT BE REPORTED IMMEDIATELY.
4. PRIOR TO THE COMMENCEMENT OF ANY ON SITE WORKS THE CONTRACTOR MUST CONTACT THE STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST DRAWINGS SHOWING THEIR APPARATUS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE SUPERVISION OF THE CONSTRUCTION WORKS BY UNITED UTILITIES AND TO PROVIDE A PERSON TO ACT AS A POINT OF CONTACT. THE CONTRACTOR WILL NOTIFY THE SUPERVISING OFFICER GIVING NOTICE WHICH WILL BE IN ACCORDANCE WITH THE AUTHORITIES REQUIREMENTS.
6. THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE 150MM STRENGTH TO BE IN ACCORDANCE WITH BS EN 1916:2002.
7. ANY PCC PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916:2002.
8. ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1916:2002.
9. SEWERS WITH COVER TO SOFFIT GREATER THAN 1.2m IN ROADS AND 0.9m IN FIELDS SHALL HAVE CLASS 5 BED AND SURROUND ALL IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAIL STANDARD 1001.
10. PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAID TO THE SPECIFIED INVERT.
11. THE INVERT LEVELS SPECIFIED AT THE DRAGOUT CHAMBER ARE INDICATIVE LEVELS.
12. WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTLAGGE OF THE DWELLING FOR WHICH THEY SERVE.
13. THE CONNECTION TO THE ADAPTABLE SEWER SHALL BE MANHOLED JUNCTION WITH A 90° ELBOW CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
14. ANY SEWER FOR ADIPTION WITH A COVER OF LESS THAN 1.2M TO PIPE SOFFIT IN ROADS OR 0.9m TO PIPE SOFFIT IN FIELDS WILL HAVE A MINIMUM 500MM DEEP CONCRETE BED WITH SURROUND WITH FLEXIBILITY MAINTAINED WITH FLEXCELL EXPANSION JOINT FILLER OR SIMILAR APPROVED AT EACH PIPE JOINT.
15. CONCRETE MIX FOR MANHOLE SURROUNDS TO BE GEN 3.
16. ALL MANHOLE GULLIES, MANHOLES, GRATES, COVERS AND ALL ANCHILLARY ITEMS TO MANUFACTURERS SPECIFICATION.
17. ALL MANHOLES INCLUDING 1500MM DIAMETER TO BE KITEMARKED AND COMPLY TO BS EN 1917:2002.
18. ALL MANHOLES TO BE INSTALLED IN ACCORDANCE WITH UNITED UTILITIES DETAILS AND HYDRO INTERNATIONAL SPECIFICATION.
19. CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 104 APPROVAL GRANTED BY UNITED UTILITIES.
20. SEWER MANHOLES TO BE 1500MM DIAMETER WITH GRUBBED TOP OR GRUBBED OUT. UU INSULATOR TO SIGN OFF WORKS ON COMPLETION.
21. TOTAL SURFACE WATER DISCHARGE RATE QUOTED IS 30 LITRES PER SECOND. UNITED UTILITIES PIPE DEVELOPMENT ENQUIRY RESPONSE TO CONFIRM ALLOWABLE DISCHARGE RATE.

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Project Name			
NIXON STREET			
ROCHDALE			
Client			
HIVE HOMES			
Drawing	Checked	Scale @ A1	
R.A	J.A	R.A	1:500
Drawing Title			
DRAINAGE LAYOUT			

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