



1. ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH SEWERS FOR ADOPTION 4TH EDITION AND UNITED UTILITIES GUIDELINES AND STANDARD DETAILS.
2. ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPographic SURVY.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE LINE AND LOCATION OF ANY EXISTING SEWERS, AS WELL AS ANY EXISTING GROUND AND INVERT LEVELS SHOWN ON THE DRAWING ARE CORRECT.
4. ANY DISCREPANCIES OR COMMENTS ON THE COMMENT SHEET AND ANY DISCREPANCIES MUST BE MUST BE REPORTED IMMEDIATELY.
5. PRIOR TO THE COMMENCEMENT OF ANY ON SITE WORKS THE CONTRACTOR MUST CONSIDER THE LOCATION OF ANY UNDERGROUND AND BE IN POSSESSION OF THE LATEST DRAWINGS SHOWING THEIR APPARATUS.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE SUPERVISION OF THE CONSTRUCTION BY THE UNITED UTILITIES AND/OR THE HIGHWAYS AUTHORITY. THE CONTRACTOR WILL NOTIFY THE SUPERVISING OFFICER GIVING NOTICE WHICH WILL BE IN ACCORDANCE WITH THE AUTHORITIES REQUIREMENTS.
7. THE PROPOSED SEWER WILL BE REINFORCED P.V.C-U PIPES (COMPLYING WITH WS 4-35-01 UP TO AND INCLUDING 300mm. P.V.C-U PIPES TO BE IN ACCORDANCE WITH BS 4660-2002 AND BS EN 1040-1.
8. ANY PCC PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916-2002.
9. ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1917-2002.
10. SEWERS WITH COVER TO SOFFIT GREATER THAN 1.2m IN ROADS AND 0.9m IN BS EN 1916-2002.
11. PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAID TO THE SPECIFIED INVERT.
12. THE INVERT LEVELS SPECIFIED AT THE DRAIN OUT CHAMBER ARE UNCHANGING LEVELS.
13. WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTILAGE OF THE DWELLING FOR WHICH THEY SERVE.
14. THE CONNECTION TO THE ADAPTABLE SEWER SHALL BE THROUGH A REINFORCED JUNCTION BOX. A REINFORCED CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
15. ANY SEWER FOR ADOPTION 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 150mm GEN. MIN. COVER TO THE ROAD SURFACE AND FLEXIBILITY MAINTAINED WITH FLEXCELL EXPANSION JOINT FILLER OR SIMILAR APPROVED AT EACH PIPE JOINT.
16. TO BE IN ACCORDANCE WITH THE LATEST DRAWINGS SHALL BE IN ACCORDANCE WITH SECTION 10.4 APPROVAL GRANTED BY UNITED UTILITIES.

P07	03.03.23	Updated clay pipes to PVC-U	H.S R.A.
P06	15.02.23	Updated client information	H.S H.R.A.
P05	24.01.22	Drainage updated in line with FFL and Road changes	J.C R.A.
P04	13.10.21	Eastern gullies and hydrobrake updated	D.A R.A.
P03	19.05.21	Re-designed to latest flow rate	D.A R.A.
P02	02.03.21	Re-designed to latest revision of the site layout	J.C R.A.
P01	05.06.19	PRELIMINARY - issued for Information	L.T R.A.
Rev	Date	Description	Bv Cbk

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Project Name			
VICTORIA AVENUE BLACKLEY			
Client			
JOHN SOUTHWORTH			
Designed	Drawn	Checked	Scale @: A1
R.A	J.C	R.A	1:250
Drawing Title			
DRAINAGE LAYOUT			
Project No.			
19238			
Revision	Revision		
C2002	P07		
PRELIMINARY NOT FOR CONSTRUCTION			