

FILENAME

PLOT DATE



STORM WATER NETWORK						
Manhole Name	Easting	Northing	Connected Pipes	Cover Level	Manhole Size Depth to Soffit	Manhole Type Cover Type
SW1	374356.378	442588.682	225mm 1.000 Inv.80.320	81.745	1.350 1.200	UU Type 4 Double 1200x675 Clear Opening
SW2	374345.853	442573.371	225mm 1.000 Inv.80.209 300mm 1.001 Inv.80.134	81.819	1.350 1.385	UU Type 4 Double 1200x675 Clear Opening
SW3	374326.574	442542.887	300mm 1.001 Inv.80.044 300mm 1.002 Inv.80.044	81.712	1.350 1.368	UU Type 4 Double 1200x675 Clear Opening
SW4	374357.544	442525.285	300mm 1.002 Inv.79.899 375mm 1.003 Inv.79.824	81.234	1.350 1.035	UU Type 4 Double 1200x675 Clear Opening
SW5	374379.673	442512.052	375mm 1.003 Inv.79.493 450mm 1.004 Inv.79.404 375mm 2.000 Inv.79.479	81.120	1.800 1.266	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW6	374399.232	442542.779	450mm 1.004 Inv.79.313 750mm 1.005 Inv.79.013	81.204	2.100 1.441	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW7	374409.998	442556.795	750mm 1.005 Inv.78.969 750mm 1.006 Inv.78.969 750mm 3.000 Inv.78.969	81.043	2.100 1.324	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW8 HEADWALL	374418.141	442551.101	Inv.78.944	N/A	N/A	N/A
SW9 HEADWALL	374415.643	442543.382	Inv.78.924	N/A	N/A	N/A
SW10	374415.133	442539.440	750mm 1.008 Inv.78.914 750mm 1.009 Inv.78.914	80.833	2.100 1.219	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW11 HYDROBRAKE	374412.909	442535.521	750mm 1.009 Inv.78.903 750mm 1.010 Inv.78.903	81.002	2.100 1.349	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW12	374420.141	442531.397	750mm 1.010 Inv.78.882 750mm 1.011 Inv.78.882 750mm CULVERT Inv.N/A	81.112	1.800 1.480	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW13	374419.594	442519.305	750mm 1.011 Inv.78.848 750mm 1.012 Inv.78.848	80.440	1.800 0.842	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW14	374436.579	442506.470	750mm 1.012 Inv.78.795 750mm 1.013 Inv.78.795	80.500	1.800 0.955	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW15	374405.209	442460.604	750mm 1.013 Inv.78.300	80.800	1.800 1.750	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW16	374367.305	442489.364	375mm 2.000 Inv.79.558	80.833	1.500 0.900	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
SW17	374425.645	442586.317	750mm 3.000 Inv.79.203	81.139	2.100 1.186	UU Detail 4 Shallow MH Double 1200x675 Clear Opening
HWA	374433.670	442592.574	Inv. 79.27	N/A	N/A	N/A
HWB	374421.359	442538.709	750mm CULVERT Inv. 78.901	N/A	N/A	N/A

NOTES:

- ALL SEWERS ARE DESIGNED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION AND UNITED UTILITIES GUIDELINES AND STANDARD DETAILS.
- ALL CO-ORDINATES AND LEVELS SHOWN ARE RELATIVE TO THE TOPOGRAPHIC SURVEY.
- 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 PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES MUST BE MUST BE REPORTED IMMEDIATELY.
- 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.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW FOR THE SUPERVISION OF THE CONSTRUCTION WORKS BY 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.
- THE PROPOSED SEWERS WILL BE CLAY PIPE WORK AND SHALL BE EXTRA STRENGTH TO BS EN 295:1991 PART 1.
- ANY PCC PIPE WORK WILL BE IN ACCORDANCE WITH BS EN 1916:2002.
- ALL MANHOLES AND CHAMBERS SHALL BE IN ACCORDANCE WITH BS EN 1917:2002
- SEWERS WITH COVER TO SOFFIT GREATER THAN 1.2m IN ROADS AND 0.9m IN FIELDS SHALL HAVE BED AND SURROUND AS FOLLOWS: RIGID PIPE EMBEDMENT SHALL BE CLASS S. SEMI RIGID PIPE EMBEDMENT SHALL BE CLASS S ALL IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAIL STDN/05/001.
- PRIVATE DRAINAGE CONNECTIONS TO THE SEWER WILL BE 150MM DIAMETER AND LAID TO THE SPECIFIED INVERT.
- THE INVERT LEVELS SPECIFIED AT THE DRAG OUT CHAMBER ARE INCOMING LEVELS.
- WHEREVER POSSIBLE PRIVATE DRAINAGE RUNS WILL REMAIN WITHIN THE CURTILAGE OF THE DWELLING FOR WHICH THEY SERVE.
- THE CONNECTION TO THE ADOPTABLE SEWER SHALL BE MANUFACTURED JUNCTION PIPES A SADDLE CONNECTION IS NOT PERMITTED UNLESS IT IS CLEARLY SPECIFIED.
- 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 3 CONCRETE BED AND SURROUND WITH FLEXIBILITY MAINTAINED WITH FLEXICELL EXPANSION JOINT FILLER OR SIMILAR APPROVED AT EACH PIPE JOINT.
- CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 104 APPROVAL GRANTED BY UNITED UTILITIES.
- CONNECTIONS TO THE EXISTING WATERCOURSE WILL BE IN ACCORDANCE WITH APPROVAL GRANTED BY THE EA.

P01 12.12.19 PRELIMINARY - Issued for information			D.A R.A		
Rev	Date	Description	By	CHK	
		<b>Manchester . UK</b> 3rd Floor, Cornavan Court, 12 Blackfriars Street, Manchester, M3 5BQ, United Kingdom  T: +44 (0) 161 834 1938 E: manchester@edgece.com			
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Project Name <b>HAWTHORNE FARM CLITHEROE</b>					
Client <b>PERSIMMON HOMES</b>					
Designed	Drawn	Checked	Scale @/ A1		
<b>D.A</b>	<b>D.A</b>	<b>R.A</b>	<b>N/A</b>		
Drawing Title <b>SURFACE WATER MANHOLE SCHEDULES</b>					
Project No. <b>19310</b>			<b>PRELIMINARY NOT FOR CONSTRUCTION</b>		
Drawing No. <b>19310-EDGE-XX-XX-DR-C-C2201</b>			Revision <b>P01</b>		