

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, RSK DRAWING NUMBER 29294191-1-01 DATED 25.03.2014.
- 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.
- ANY SEWER FOR ADOPTION WITH COVER TO SOFFIT GREATER THAN 1.2m IN ROADS AND 0.9m IN FIELDS SHALL HAVE GRANULAR CLASS 5 BED AND SURROUND.
- 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 FLEXCELL EXPANSION JOINT FILLER OR SIMILAR APPROVED AT EACH PIPE JOINT.
- 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.
- CONNECTIONS TO THE EXISTING SEWER WILL BE IN ACCORDANCE WITH SECTION 104 APPROVAL GRANTED BY UNITED UTILITIES.

FOUL WATER						
MANHOLE NAME	EASTING	NORTHING	CONNECTED PIPES	COVER LEVELS	MANHOLE SIZE DEPTH TO SOFFIT	MANHOLE TYPE COVER TYPE
F1	366996.725	405682.983	150MM 1.000 INV. 108.739	111.006	1,200 2.117	DCG TYPE B SINGLE 600x600 CLEAR OPENING
F2	366987.115	405648.591	150MM 1.000 INV. 107.684 150MM 1.001 INV. 107.684	109.677	1,200 1.843	DCG TYPE B SINGLE 600x600 CLEAR OPENING
F3	366989.878	405630.632	150MM 1.001 INV. 107.471 150MM 1.002 INV. 107.471	109.186	1,200 1.566	DCG TYPE B SINGLE 600x600 CLEAR OPENING
F4	366974.005	405626.196	150MM 1.002 INV. 107.262 150MM 1.003 INV. 107.262	109.460	1,200 2.048	DCG TYPE B SINGLE 600x600 CLEAR OPENING
F5	366960.017	405625.618	150MM 1.003 INV. 107.085 150MM 1.004 INV. 107.085	109.400	1,200 2.165	DCG TYPE B SINGLE 600x600 CLEAR OPENING
EXF19	366914.784	405644.792	150MM 1.004 INV. 106.463 150MM EXISTING INV. 106.463	108.819	1,200 2.206	EXISTING EXISTING

SURFACE WATER						
MANHOLE NAME	EASTING	NORTHING	CONNECTED PIPES	COVER LEVELS	MANHOLE SIZE DEPTH TO SOFFIT	MANHOLE TYPE COVER TYPE
S1	367002.102	405712.291	225MM 1.000 INV. 110.153	111.578	1,350 1,200	UU SHALLOW MH TYPE 4 DETAIL 3 DOUBLE 1200x675 CLEAR OPENING
S2	366985.000	405650.139	225MM 1.000 INV. 108.298 300MM 1.001 INV. 108.223	109.723	1,350 1,200	UU SHALLOW MH TYPE 4 DETAIL 3 DOUBLE 1200x675 CLEAR OPENING
S3	366987.516	405632.439	300MM 1.001 INV. 107.830 375MM 1.002 INV. 107.755	109.230	1,500 1,100	UU SHALLOW MH TYPE 4 DETAIL 3 DOUBLE 1200x675 CLEAR OPENING
S4	366970.087	405627.962	375MM 1.002 INV. 107.700 375MM 1.003 INV. 107.700	109.485	1,350 1,410	UU SHALLOW MH TYPE 4 DETAIL 3 DOUBLE 1200x675 CLEAR OPENING
S5	366957.054	405628.422	375MM 1.003 INV. 107.660 375MM 1.004 INV. 107.660	109.376	1,500 1,341	UU SHALLOW MH TYPE 4 DETAIL 3 DOUBLE 1200x675 CLEAR OPENING
EXS33	366913.402	405646.989	375MM 1.004 INV. 107.514 450MM EXISTING INV. 106.264	108.789	EXISTING 2.075	EXISTING EXISTING

P02 18.12.23	S1-S3 and S5 chamber diameters updated	RA	J.C
P01 06.11.23	PRELIMINARY - Issued for Information	H.S	RA
Rev	Date	Description	By

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Project Name
LEE HALL WESTHOUGHTON

Client
PERSIMMON HOMES

Designed: **RA** Drawn: **J.C** Checked: **RA** Scale @: **A1**

Drawing Title
MANHOLE SCHEDULES

Project No.
19358

Drawing No. **19358-EDGE-CC-XX-DR-C-2102** Revision **P02**

PRELIMINARY NOT FOR CONSTRUCTION

FILENAME: PLOT DATE:

