

FOUL WATER MANHOLE SCHEDULE

REF	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH (m)	TYPE	COVER TYPE	COMMENTS
F1	+96.350	+95.900	0.450	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F2	+96.280	+95.820	0.460	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F3	+96.040	+95.590	0.450	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F4	+96.040	+95.590	0.450	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F5	+96.220	+95.540	0.680	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F6	+96.180	+95.440 (1000) +95.390 (1500)	0.790	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
F7	+96.050	+95.310	0.740	Y	DUCTILE IRON CLASS B125 TO SUIT MANHOLE TO BS EN 124	
F8	+96.090	+95.230	0.860	Y	DUCTILE IRON CLASS B125 TO SUIT MANHOLE TO BS EN 124	

SURFACE WATER MANHOLE SCHEDULE

REF	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH (m)	TYPE	COVER TYPE	COMMENTS
S1	+96.340	+95.700	0.640	Y	DUCTILE IRON CLASS B125 TO SUIT MANHOLE TO BS EN 124	
S2	+96.185	+95.515	0.670	Y	DUCTILE IRON CLASS A15 TO SUIT MANHOLE TO BS EN 124	
S3	+96.040	+95.195 (1000) +95.145 (1500)	0.895	Y	DUCTILE IRON CLASS B125 TO SUIT MANHOLE TO BS EN 124	

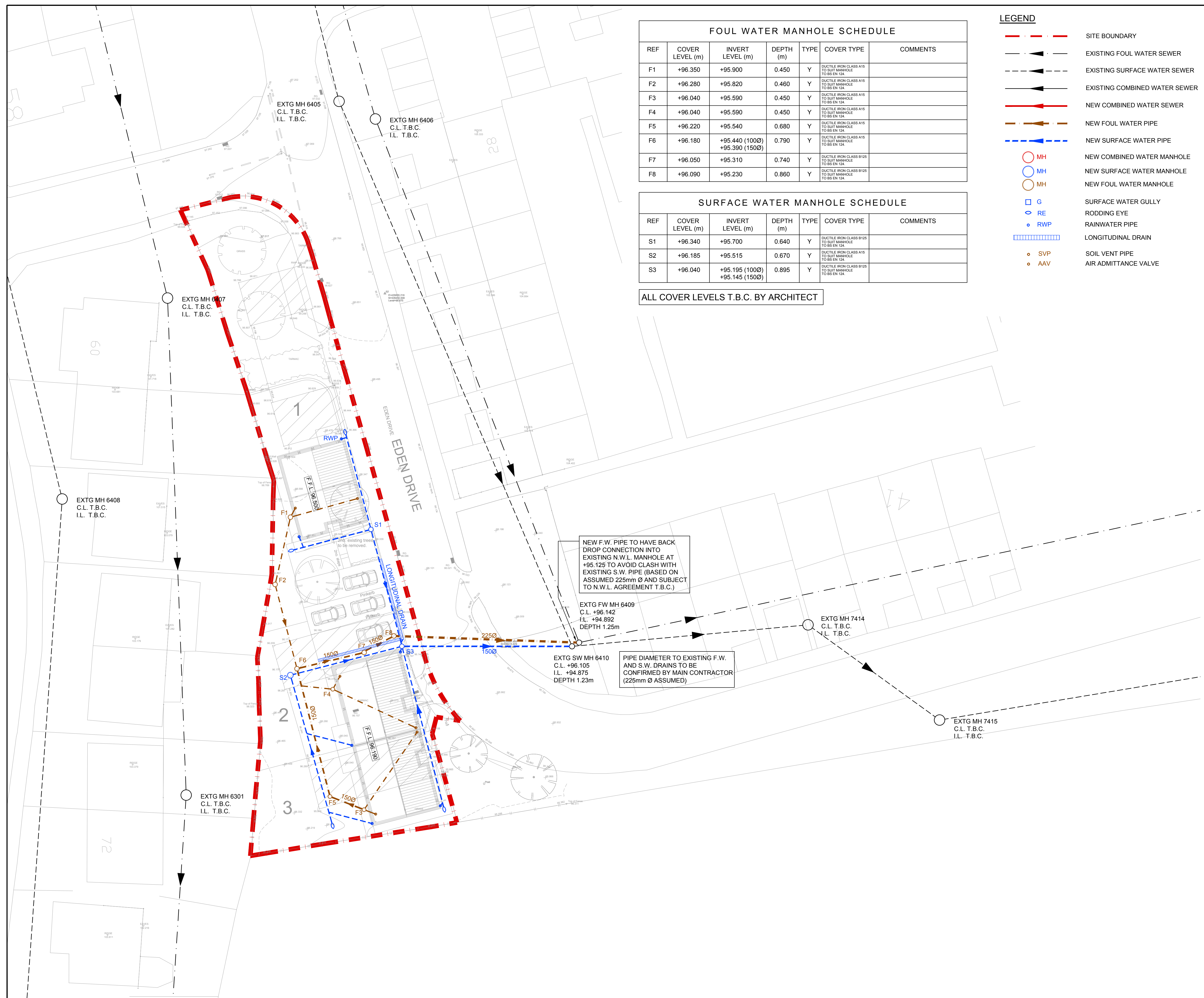
ALL COVER LEVELS T.B.C. BY ARCHITECT

LEGEND

- SITE BOUNDARY
- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING COMBINED WATER SEWER
- NEW COMBINED WATER SEWER
- NEW FOUL WATER PIPE
- NEW SURFACE WATER PIPE
- NEW COMBINED WATER MANHOLE
- NEW SURFACE WATER MANHOLE
- NEW FOUL WATER MANHOLE
- SURFACE WATER GULLY
- RODDING EYE
- RAINWATER PIPE
- LONGITUDINAL DRAIN
- SOIL VENT PIPE
- AIR ADMITTANCE VALVE

DRAINAGE NOTES

- 1 ALL WORKS THAT ARE TO BE ADOPTED TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION.
- 2 CONNECTION TO MANHOLES OWNED BY NORTHUMBRIAN WATER LTD ARE ONLY TO BE CARRIED OUT UNDER AN S106 AGREEMENT BY NWL APPROVED TERM CONTRACTORS UNLESS AGREED OTHERWISE BETWEEN BOTH PARTIES
- 3 ALL DRAINAGE WORKS TO COMPLY WITH THE CURRENT BUILDING REGULATIONS.
- 4 ALL EXISTING INVERT LEVELS TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCING ANY WORKS. ANY DISCREPANCIES TO BE ADVISED TO THE ENGINEER
- 5 OTHER SERVICES ARE NOT SHOWN ON THIS DRAWING HOWEVER THEIR PRESENCE MUST BE ANTICIPATED. THE CONTRACTOR IS TO CONFIRM PRIOR TO COMMENCING ANY WORK THE LOCATION AND DEPTH OF ALL SERVICES THAT MAY AFFECT THE WORKS.
- 6 THE CONTRACTOR SHOULD REPORT ANY CLASHES WITH EXISTING DRAINAGE AND STRUCTURE TO B.G.P.
- 7 ALL RAIN WATER PIPES AND FOUL PICK UP POINTS HAVE BEEN ASSUMED & ARE INDICATIVE ONLY. ALL ARE TO BE CONFIRMED BY THE ARCHITECT PRIOR TO CONSTRUCTION
- 8 ALL EXTERNAL WORKS LEVELS TO BE CONFIRMED BY THE ARCHITECT.
- 9 ALL EXISTING DRAINAGE TO BE CLEANED AND JETTED AS PART OF CONTRACT WORKS
- 10 ALL PENETRATIONS THROUGH SLAB TO BE RODDABLE ABOVE GROUND LEVEL VIA ACCESS PIPE.
- 11 ALL LEVELS ARE IN METRES TO ORDNANCE DATUM (m A.O.D.).
- 12 WHERE PROPOSED SEWERS CONNECT INTO EXISTING SEWERS, THE EXISTING SEWERS NEED TO BE CHECKED FOR LINE, LEVEL AND CONDITION PREFERABLY BY A C.C.T.V. SURVEY.
- 13 CONCRETE BED & SURROUND IS REQUIRED TO ALL GULLY LEADS AND TO ALL PIPES IN HIGHWAYS / HARDSTANDING AREAS WHERE COVER TO PIPE IS LESS THAN 1200mm.
- 14 ALL PIPES TO BE EITHER EXTRA STRENGTH V.C. TO BS 65 OR PVC TO BS 4660 OR BS 5481 'UPONOR ULTRARIB' OR CONCRETE PIPES CLASS M TO BS 5911.
- 15 ALL FOUL & STORMWATER PIPES TO BE 1000 U.N.O.



ISSUED FOR CONSTRUCTION	JD	C1	PW	02.10.2017
DRAINAGE REVISED TO SUIT NEW F.F.L	JD	T2	PW	23.08.2017
TENDER ISSUE	LS	T1	PW	13.07.2017
AMENDMENT	BY	REV	CHK	DATE
Rev P = Preliminary T = Tender C = Construction AB = As Built				

In instances where this drawing completes or partly completes a contract, Billinghurst George & Partners will consider that its product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.

Client
TOLENT LIVING AND LIVIN HOUSING

Project
EDEN DRIVE SEDGEFIELD

Drawing Title
PROPOSED DRAINAGE LAYOUT

Drawn	LS	Date	05.07.2017
Checked	PW	Date	
Scale	1:200	Original Size	A1

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