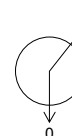
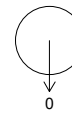
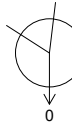
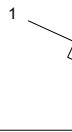
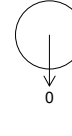
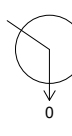
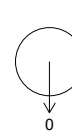
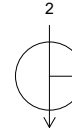
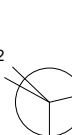
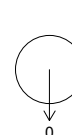
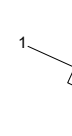


MANHOLE SCHEDULE

Surface Water North Network

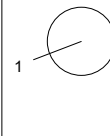
Sheet 5 of 5

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover	
S73	13.925		1	23.009	11.972	375	1350	4	See note 6
E. 507488.700	1.578								
N. 104651.793			0	23.010	11.972	375			
S74	13.879						1200	4	See note 6
E. 507476.020	1.379								
N. 104653.812			0	42.000	12.275	225			
S75	13.561		1	42.000	12.080	225	1350	4	See note 6
E. 507481.029	1.256		2	23.010	11.930	375			
N. 104662.790			0	23.011	11.855	450			
S76	13.600		1	23.011	11.823	450	HEADWALL		
E. 507487.121	1.327								
N. 104677.527			0	23.012	11.823	450			
S77	14.752						600	4	See note 6
E. 507560.910	1.002								
N. 104689.140			0	43.000	13.600	150			
S78	14.678		1	43.000	13.328	150	1200	4	See note 6
E. 507554.257	1.200								
N. 104691.140			0	43.001	13.253	225			
S79	14.599						600	4	See note 6
E. 507556.578	0.999								
N. 104703.380			0	44.000	13.450	150			
S80	14.399		1	43.001	12.859	225	1200	4	See note 6
E. 507551.152	1.315		2	44.000	12.934	150			
N. 104701.054			0	43.002	12.859	225			
S81	13.500		1	43.002	12.549	225	1200	4	See note 6
E. 507533.931	0.726								
N. 104695.660			0	43.003	12.549	225			
S82	13.500		1	23.012	11.800	450	1350	4	See note 6
E. 507494.418	1.440		2	1.014	11.800	375			
N. 104687.450			3	43.003	11.835	225			
			0	1.015	11.800	375			
S47A	18.463						600	4	See note 6
E. 507592.907	0.913								
N. 104580.058			0	23.000	17.400	150			
S82_OUT	12.000		1	1.015	10.327	375	HEADWALL		
E. 507478.465	1.298								
N. 104706.267									

MANHOLE SCHEDULE

Foul Water North Network

Sheet 5 of 5

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
F72_OUT	16.472		1	1.020	11.039	150		
	5.283							
							20	1 See note 6
E. 507632.642								
N. 104716.551								

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GENERAL NOTES:

- Do not scale.
- Refer to all other Project Drawings.
- All sewers to comply with the requirements of the water authorities publication "Sewer Sector Guidance (SSG)" together with Southern Waters Technical Advisories.
- All public sewers are to be the subject of a Section 104 agreement of the Water Industry Act 1991.
- Invert levels of existing manholes and sewers are to be checked on site before construction commences and results reported to engineers.
- All manhole ironworks to comply with BS EN124, and be stamped with BSI Kitemark. Covers to suit loading as below;
 - Carriageways and Roads - D400
 - Driveways and Verges - C250
 - Footways and Pedestrian Areas - B125
 - Gardens/Landscaping - A15
- All sewer pipes, up to, and including 225mm are to be vitrified clay to BS EN295. All sewer pipes 300mm diameter and above to concrete pipes to BS EN1916.
- All drainage shall be installed and tested strictly in accordance with the Manufacturers' printed instructions, BS EN 752, BS EN 1601, Local Water Authority requirements and the Building Regulations.
- All bedding shall be Class 5 unless noted otherwise.
- All trenches under existing and proposed public highways are to be backfilled with thoroughly compacted Type 1 granular sub-base material.
- Drainage laid beneath roads and areas of vehicular access (car parking etc) with less than 1200mm of cover shall be encased in concrete bed and surround with associated movement joints. Drainage laid beneath paths, footways and pedestrian areas with less than 900mm of cover shall be similarly treated.
- Chambers with outgoing pipes greater than 600mm diameter shall be fitted with guard bars, safety chains or other approved safety devices.
- The use of precast concrete products made with sulphate resisting cement is mandatory, unless a laboratory report proves such precautions are not necessary.
- All gully connections to use a minimum diameter pipe of 150mm and to be surrounded by a minimum of 150mm of grade C3/C10 concrete over its full length (which should not exceed 15m) and its connection to the carrier system.

MANHOLE TYPE:

- All manholes 1200mm diameter or greater to be:
 - Type 1 where depth from cover level to soffit of pipe is between 3m and 6m
 - Type 2 where depth from cover level to soffit of pipe is up to 3m
- All manholes 600mm diameter or less to be:
 - Type 3 where depth from cover level to soffit of pipe is up to 3m
 - Type 4 where depth from cover level to soffit of pipe is up to 2m, serves less than 3 properties and is situated in private driveways or garden areas.

C	03.21	Information updated following drainage changes	D5	SM
B	01.21	Information updated following drainage changes	D5	SM
A	12.20	First Issue	D5	SM
Rev	Date	Description	Drawn	Checked

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Client
BARRATT
DAVID WILSON HOMES

Project
WATER LANE, ANGMERING

Title
DRAINAGE SCHEDULE
SHEET 2

Status
FOR TENDER

Scale	Date	Drawn	Checked
	DEC 20	JS	SM
Drawing No.	CIV-1-4032 C		Revision
A290-532			C