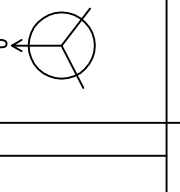
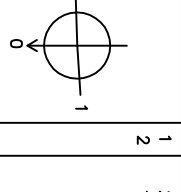
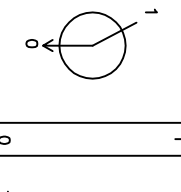
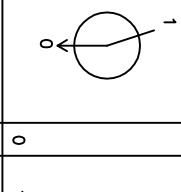
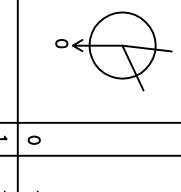
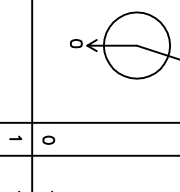
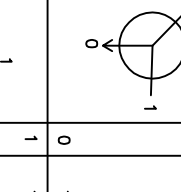
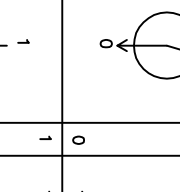
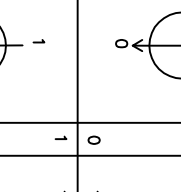
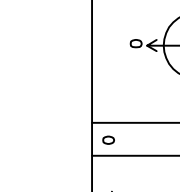


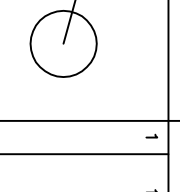
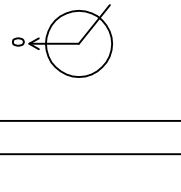
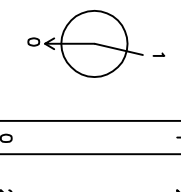
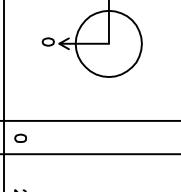
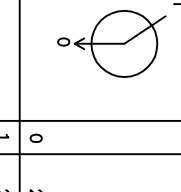
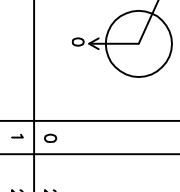
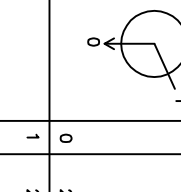
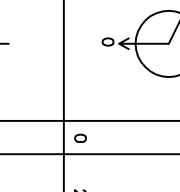
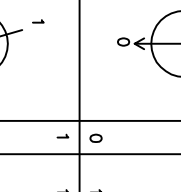
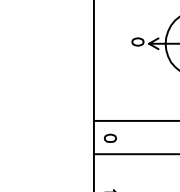
MANHOLE SCHEDULE

Sheet 1 of 5

Manhole Number	Coordinates	Cover Level Depth to Soffit	Connections	Pipe		Manhole Size	Types	
				Code	Inverts	Dimensions (mm)	Manhole	Cover
F1		142.728 1.803					1200 TYPE B	D400 600x600
E. 43391.541 N. 400458.441								
F2		144.458 1.743					1200 TYPE B	D400 600x600
E. 43376.706 N. 400392.786								
F3		144.179 1.731					1200 TYPE B	D400 600x600
E. 43376.972 N. 400376.789								
F4		143.774 1.740					1200 TYPE B	D400 600x600
E. 43376.524 N. 400371.599								
F5		143.266 1.710					1200 TYPE B	D400 600x600
E. 43375.670 N. 400367.901								
F6		142.671 1.761					1200 TYPE B	D400 600x600
E. 43374.616 N. 400361.210								
F7		142.058 1.833					1200 TYPE B	D400 600x600
E. 43373.560 N. 400349.111								
F8		142.641 2.132					1200 TYPE B	D400 600x600
E. 43376.020 N. 400327.800								
F9		138.866 2.003					1200 TYPE B	D400 600x600
E. 43364.902 N. 400307.727								
F10		139.611 2.479					1200 TYPE B	D400 600x600
E. 43362.535 N. 400294.455								

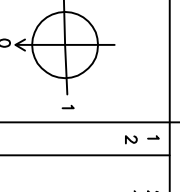
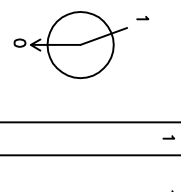
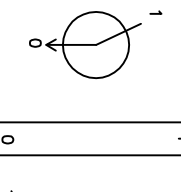
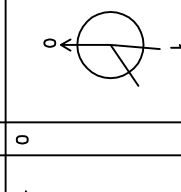
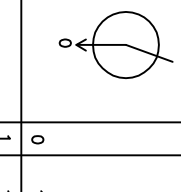
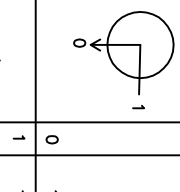
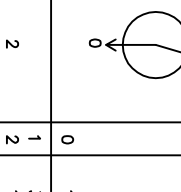
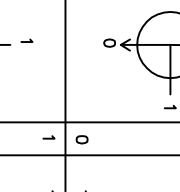
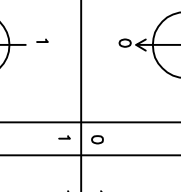
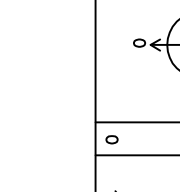
MANHOLE SCHEDULE

Sheet 2 of 5

Manhole Number	Coordinates	Cover Level Depth to Soffit	Connections	Pipe		Manhole Size	Types	
				Code	Inverts	Dimensions (mm)	Manhole	Cover
F11 EXT'D MH		137.750 1.800					EXT'D EXT'D	EXT'D
E. 43403.002 N. 400244.478								
F12		153.200 1.725					1200 TYPE B	D400 600x600
E. 43374.372 N. 400455.661								
F13		151.960 1.875					1200 TYPE B	D400 600x600
E. 43375.142 N. 400441.928								
F14		150.700 2.658					1200 TYPE B	D400 600x600
E. 43367.716 N. 400440.709								
F15		149.150 2.216					1200 TYPE B	D400 600x600
E. 43365.989 N. 400429.637								
F16		146.600 1.925					1200 TYPE B	D400 600x600
E. 43376.433 N. 400414.120								
F17		146.700 2.240					1200 TYPE B	D400 600x600
E. 43376.443 N. 400414.120								
F18		145.050 1.744					1200 TYPE B	D400 600x600
E. 43379.880 N. 400430.544								
S1	HWAY DRAIN	146.835 1.200					1200 TYPE B/E	D400 600x600
E. 43364.916 N. 400402.783								
S2		147.823 1.200					1200 TYPE B/E	D400 600x600
E. 43364.919 N. 400406.703								

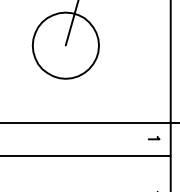
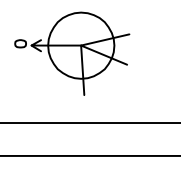
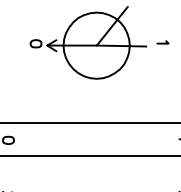
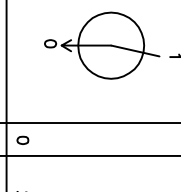
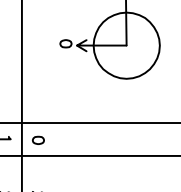
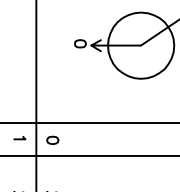
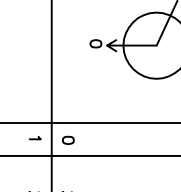
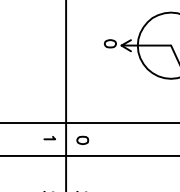
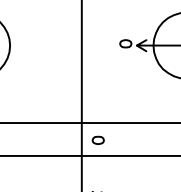
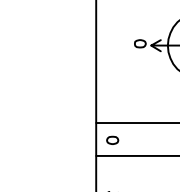
MANHOLE SCHEDULE

Sheet 3 of 5

Manhole Number	Coordinates	Cover Level Depth to Soffit	Connections	Pipe		Manhole Size	Types	
				Code	Inverts	Dimensions (mm)	Manhole	Cover
S3		144.920 1.200					1500 TYPE B/E	D400 1200x600
E. 43376.763 N. 400391.380								
S4		144.428 1.200					1200 TYPE B/E	D400 600x600
E. 43376.534 N. 400371.587								
S5		143.834 1.200					1200 TYPE B/E	D400 600x600
E. 43376.543 N. 400371.524								
S6		143.356 1.200					1200 TYPE B/E	D400 600x600
E. 43373.745 N. 400367.394								
S7		142.712 1.200					1200 TYPE B/E	D400 600x600
E. 43374.424 N. 400361.334								
S8		142.025 1.200					1200 TYPE B/E	D400 600x600
E. 43373.553 N. 400346.347								
S9		140.719 1.289					1600 TYPE B/E	D400 1200x600
E. 43376.573 N. 400330.839								
S10	EDM CONCRETE MH	141.188 2.322					SEE TANKING 570/1628/07	
E. 43373.834 N. 400326.732								
S11		139.862 1.446					1200 TYPE B/E	D400 600x600
E. 43364.503 N. 400306.635								
S12		139.628 1.709					1200 TYPE B	D400 600x600
E. 43363.737 N. 400285.586								

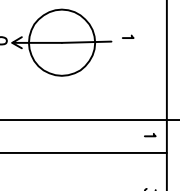
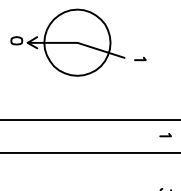
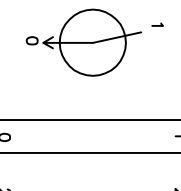
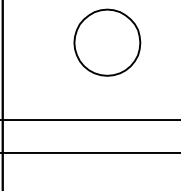
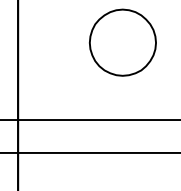
MANHOLE SCHEDULE

Sheet 4 of 5

Manhole Number	Coordinates	Cover Level Depth to Soffit	Connections	Pipe		Manhole Size	Types	
				Code	Inverts	Dimensions (mm)	Manhole	Cover
S13 EXT'D MH		137.800 1.099					EXT'D EXT'D	EXT'D
E. 43400.278 N. 400265.831								
S14		154.400 2.950					1200 TYPE B	D400 600x600
E. 43362.862 N. 400463.366								
S15		153.600 1.200					1200 TYPE B/E	D400 600x600
E. 43371.565 N. 400467.280								
S16		151.750 1.200					1200 TYPE B/E	D400 600x600
E. 43369.415 N. 400446.746								
S17		150.350 1.783					1200 TYPE B	D400 600x600
E. 43368.466 N. 400446.522								
S18		148.650 1.200					1200 TYPE B/E	D400 600x600
E. 43368.001 N. 400428.365								
S19		146.400 1.200					1200 TYPE B/E	D400 600x600
E. 43362.466 N. 400407.305								
S20		146.700 1.948					1200 TYPE B	D400 600x600
E. 43379.905 N. 400415.414								
S21		145.100 1.200					1200 TYPE B/E	D400 600x600
E. 43376.643 N. 400386.977								
S22 ATTENUATION TANK SET OUT FROM TANK DIMENSIONS		143.62 2.503					REFER TO TANK DESIGN DETAILS	
E. 43369.445 N. 400415.414								

MANHOLE SCHEDULE

Sheet 5 of 5

Manhole Number	Coordinates	Cover Level Depth to Soffit	Connections	Pipe		Manhole Size	Types	
				Code	Inverts	Dimensions (mm)	Manhole	Cover
S23 ATTENUATION TANK SET OUT FROM TANK DIMENSIONS		142.256 2.726					1600 REFER TO TANK DESIGN DETAILS	
E. 43391.541 N. 400458.441								
S24		141.527 2.865					1800 TYPE B	D400 1600x600
E. 43375.007 N. 400333.004								
S30		154.600 1.351					1200 TYPE B/E	D400 1200x600
E. 43364.650 N. 400467.746								
S32 ATTENUATION TANK SET OUT FROM TANK DIMENSIONS		143.600 2.370					REFER TO TANK DESIGN DETAILS	
E. 43368.466 N. 400446.522								
S33 ATTENUATION TANK SET OUT FROM TANK DIMENSIONS		143.600 2.870					REFER TO TANK DESIGN DETAILS	
E. 43368.466 N. 400446.522								

Sewers For Adoption Under a Section 104 Agreement

- 1.All adoptable sewer works and material to be in accordance with 'Sewers for Adoption' 6th Edition. The Relevant British/European and National Standards shall apply. The relevant British/European and National Standards shall apply. The relevant British/European and National Standards shall apply.
- 2.Manhole covers must have a clear opening of 600mm and shall be Class D400 to BS EN 124 with 150mm deep frames in highways.
- 3.Filled ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer is used.
4. Yorkshire Water is not obliged to accept filler/gritland drainage runoff into the public sewer network or adoptable drainage system (directly or indirectly.) An alternative method of disposal of land drainage runoff will therefore be required. Please consult with the Local Authority/Land drainage authority.
5. Cover slabs must carry the BS1186mark or will be rejected by Yorkshire Water. Where the clear opening of the late marked product is different to that of the cover and frame, a bearing bearing slab should be fitted above the cover slab to bring the size down to 600mm x 600mm for the Yorkshire Water specified D400 cover.
6. Substrate resistant cement (C20-D22) and precast concrete products must be used or a laboratory report provided proving that such precautions are not necessary.
7. The adoptable sewers should be a minimum of 1m and manholes 0.5m in diameter.
8. Sewers must have 5 metres clearance from trees and hedgcs. (please also refer to Figure 2.3, page 33 in Sewers for Adoption 6th Edition for restrictions on the planting adjacent to sewers.)
9. All sewers must be installed in a minimum 1.2m deep trench (1.5m deep) and must be covered to the top of the sewer it less than 1.2m in highway side verges (or less than 900mm in non vehicular areas) then a concrete slab should be provided above the granular base and surround.
10. The diameter of the sewer must be 150mm or 225mm.
11. The diameter size of manholes with more than one connection may need to be increased an increment to accommodate the connections necessary.
12. Yorkshire Water policy is not to accept Type "C" brick manholes and 1050mm dia manhole rings. Instead it is preferred that you use a Type "B" manhole with 1200mm dia or 1500mm dia rings with the opening sized 600mm x 600mm.
13. Sewer shafts must be sealed off at the top of the sewer it less than 1.2m in highway side verges (or less than 900mm in non vehicular areas) then a concrete slab should be provided above the granular base and surround.
14. All 150mm & 225mm dia pipes to be clay to comply with the relevant standards.
15. Where a D400 cover and frame has been approved, this must not be used on a 150mm or 225mm dia sewer. The cover and frame must be standard lifting keys. Screw down covers are not acceptable.

Preliminary

Rev	Amendment following changes to Layout	Details	Date	Drawn	Checked
A			24-2-20		LAST

Avant Homes

Lidgett Lane/Pilley Green
Pilley, Barmsey

Manhole schedules

Dwg No. : STE/19/2808 A
Date : 18-12-19
Scale : NTS

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SHAUN TONG
ENGINEERING

11 Broomfield Road, Wotton Bassett, Wiltshire, ST9 0SA.

Tel: 01285 755929, Mobile 07529 278070, Email: shauntongengineering@yahoo.co.uk