

NOTES

1. This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
 2. Use figured dimensions or query dimensions if not noted.
 3. All works and materials to be in accordance with current British Standards and Building Regulations.
 4. The Architects site plan has been used as a base for this drawing. Please refer to the latest site plan.
 5. Pipes with <300mm cover under non-vehicle areas and <300mm cover under vehicle areas are to be exposed in concrete as shown on the pipe bedding drawing. A protection slab may be required for shallow pipes and will be indicated on the drawing. Please refer to manufacturers details for pipe material specific requirements. Adoptable sewers will require a minimum of 1200mm cover in accordance with sewerage undertakers requirements.
 6. For any works on Public Sewers refer to Statutory Undertakers Drawings.
 7. For drainage details refer to Build Vision 900 Series drawings.
 8. All sq. girths indicated:-----to be removed or grouted with F4/Generic/Ground minimum ratio of 12:1.
 9. RWP, SFP & Siphonic locations and sizes to be confirmed by the Architect.
 10. Foul or traps to be provided on all gullies and eco chimneys.
 11. Access fittings to be provided on all internal drainage. Drain Connection: Type 1 (min 150x100mm) 0-12m (Junction) Type 2 (min 225x100mm) 12-45m (into Manhole) Type 2 (min 225x100mm)
 12. All below ground slab foul drainage to be minimum 100mm diameter unless otherwise noted.
 13. MIOC indicates 300x mini access chamber.
 14. PIPC indicates 475x Polypropylene Inspection Chamber.
 15. All sewers to have concrete or class 'S' bed and surround in accordance with pipe bedding details drawing.
 16. All pipes to WIS 4-35-01 and to be k16 marked structural welded plastic, clay or concrete pipes suitable for use in Highways.
- ALL OUTLETS AND FITTINGS TO BE RODDABLE IN ACCORDANCE WITH BUILDING REGULATIONS

EXISTING DRAINAGE ON SITE TO BE INVESTIGATED/SURVEYED

KEY

- New Surface Water Sewer
- New Combined Sewer
- Sewer Easement Strip
- Land Ownership Boundary

Pipes noted as Polysewer PDCU to be Polyglue Polysewer structural welded plastic pipes with kitemark to WIS 4-35-01 suitable for use in the highway.

PRELIMINARY
NOT FOR CONSTRUCTION.

P2	19.11.24	SIG	Plot 1-2 drainage, site boundary
P1	14.10.24	SIG	Preliminary Issue
Rev	Date	By	Drawn

Project
Greenhill Road
Middleton

Client
J Walker Homes Ltd.

Drawing
Section 104
Drainage Layout

Number	1326-901	Rev	P2
Scale	1:250@A1	Drawn	SIG
		Checked	Sep 2024

Build Vision
Consulting Engineers

Middle Cottage, Bar Kays Row, Hainthorpe H19 1TF
Mobile: 0113 273 823040
email: Seon@bvgse.co.uk



SURFACE WATER MANHOLE SCHEDULE									
MH	COVER LEVEL	INVERT LEVEL	DEPTH	> PIPE	MH TYPE	MH #	COVER/FRAME	ACCESS	
S1	104.400	100.630	3.770	900	SHALLOW	300/0	D400 150 B00x600		
S2	104.450	100.650	3.800	900	SHALLOW	300/0	D400 150 B00x600		
S3	104.450	100.650	3.800	900	SHALLOW	300/0	D400 150 B00x600		
S4	104.450	100.650	3.800	900	SHALLOW	300/0	D400 150 B00x600		
S5	102.450	100.550	1.900	900	SHALLOW	300/0	D400 150 B00x600		
S6	102.450	100.550	1.900	900	SHALLOW	300/0	D400 150 B00x600		
S7	103.740	102.400	1.340	1500	PPC	460/9	B125 460/9		
S8	103.930	102.280	1.650	1500	PPC	460/9	B125 460/9		
S9	104.000	103.400	0.600	1500	PPC	460/9	B125 460/9		
S10	103.600	102.900	0.700	1500	PPC	460/9	B125 460/9		
S11	103.600	102.900	0.700	1500	PPC	460/9	B125 460/9		
S12	103.600	102.900	0.700	1500	PPC	460/9	B125 460/9		
S13	103.600	102.900	0.700	1500	PPC	460/9	B125 460/9		
S14	102.950	102.700	0.250	1500	PPC	460/9	B125 460/9		
S15	103.650	102.450	1.200	1500	PPC	460/9	B125 460/9		
S16	103.300	102.000	1.300	1500	PPC	460/9	B125 460/9		
S17	103.000	102.100	0.900	1500	PPC	460/9	B125 460/9		
S18	103.300	102.700	0.600	1500	PPC	460/9	B125 460/9		
S19	103.200	102.550	0.650	1500	PPC	460/9	B125 460/9		
S20	102.800	101.800	1.000	1500	PPC	460/9	B125 460/9		

FOUL WATER MANHOLE SCHEDULE									
MH	COVER LEVEL	INVERT LEVEL	DEPTH	> PIPE	MH TYPE	MH #	COVER/FRAME	ACCESS	
F1	102.450	100.300	2.150	225	TYPE 1	1200/4	D400 150 B00x600		
F2	103.300	102.400	0.900	1500	PPC	460/9	B125 460/9		
F3	103.500	102.200	1.300	1500	PPC	460/9	B125 460/9		
F4	102.950	101.800	1.150	1500	PPC	460/9	B125 460/9		
F5	102.950	101.770	1.180	1500	PPC	460/9	B125 460/9		
F6	103.070	101.710	1.360	1500	PPC	460/9	B125 460/9		
F7	104.025	103.200	0.825	1500	PPC	460/9	B125 460/9		
F8	103.025	102.425	0.600	1500	PPC	460/9	B125 460/9		
F9	103.025	102.425	0.600	1500	PPC	460/9	B125 460/9		
F10	102.950	102.800	0.150	1500	PPC	460/9	B125 460/9		
F11	102.950	101.550	1.400	1500	PPC	460/9	B125 460/9		

COMBINED WATER MANHOLE SCHEDULE									
MH	COVER LEVEL	INVERT LEVEL	DEPTH	> PIPE	MH TYPE	MH #	COVER/FRAME	ACCESS	
C1	102.450	100.300	2.150	225	TYPE 1	1200/4	D400 150 B00x600		
C2	101.300	100.770	1.130	225	TYPE 4	1200/4	D400 150 B00x600		