

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 seg drains indicated:-----to be removed or grouted with F4/Generic/Groal 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 k12 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.

P4 21.01.29 S/G	Existing gullies/highway drainage surveyed
P3 02.12.24 S/G	Two steel manholes added
P2 19.11.24 S/G	Plot 1-2 drainage, site boundary
P1 14.10.24 S/G	Preliminary Issue

Project
Greenhill Road
Middleton

Client
J Walker Homes Ltd.

Drawing
Section 104
Drainage Layout

Number	1326-901	Rev	P4
Scale	1:250@A1	Drawn S/G	Checked Sep 2024

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SURFACE WATER MANHOLE SCHEDULE									
MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH	PIPE DIA	TYPE	MANHOLE #	COVER/FRAME	ACCESS	
S1	104.000	100.630	3.370	900	SHALLOW	3000A	D400 150 B60x60		
S2	104.250	100.550	3.700	900	SHALLOW	3000A	D400 150 B60x60		
S3	104.150	100.520	3.630	900	SHALLOW	3000A	D400 150 B60x60		
S4	104.150	100.520	3.630	900	SHALLOW	3000A	D400 150 B60x60		
S5	102.550	100.500	2.050	900	SHALLOW	3000A	D400 150 B60x60		
S6	102.550	100.500	2.050	900	SHALLOW	3000A	D400 150 B60x60		
S7	103.740	102.400	1.340	150	PPC	4609	B125 4609		
S8	103.930	102.280	1.650	150	PPC	4609	B125 4609		
S9	104.000	103.400	0.600	150	PPC	4609	B125 4609		
S10	103.600	103.400	0.200	150	PPC	4609	B125 4609		
S11	104.000	103.400	0.600	150	PPC	4609	B125 4609		
S12	103.650	102.550	1.100	150	PPC	4609	B125 4609		
S13	103.650	102.550	1.100	150	PPC	4609	B125 4609		
S14	102.950	102.700	0.250	150	PPC	4609	B125 4609		
S15	103.650	102.450	1.200	150	PPC	4609	B125 4609		
S16	103.300	102.400	0.900	150	PPC	4609	B125 4609		
S17	103.000	102.100	0.900	150	PPC	4609	B125 4609		
S18	103.300	102.700	0.600	150	PPC	4609	B125 4609		
S19	103.200	102.550	0.650	150	PPC	4609	B125 4609		
S20	102.800	101.800	1.000	150	PPC	4609	B125 4609		

FOUL WATER MANHOLE SCHEDULE									
MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH	PIPE DIA	TYPE	MANHOLE #	COVER/FRAME	ACCESS	
F1	102.450	100.300	2.150	225	TYPE 1	1200M	D400 150 B60x60		
F2	103.300	102.400	0.900	150	PPC	4609	B125 4609		
F3	103.500	102.280	1.220	150	PPC	4609	B125 4609		
F4	102.950	101.880	1.070	150	PPC	4609	B125 4609		
F5	102.950	101.770	1.180	150	PPC	4609	B125 4609		
F6	103.070	101.710	1.360	150	PPC	4609	B125 4609		
F7	104.025	103.200	0.825	150	PPC	4609	B125 4609		
F8	103.625	102.425	1.200	150	PPC	4609	B125 4609		
F9	103.650	102.425	1.225	150	PPC	4609	B125 4609		
F10	103.650	102.425	1.225	150	PPC	4609	B125 4609		
F11	102.950	101.550	1.400	150	PPC	4609	B125 4609		

COVERED WATER MANHOLE SCHEDULE									
MANHOLE	COVER LEVEL	INVERT LEVEL	DEPTH	PIPE DIA	TYPE	MANHOLE #	COVER/FRAME	ACCESS	
C1	102.450	100.300	2.150	225	TYPE 1	1200M	D400 150 B60x60		
C2	101.300	100.770	0.530	225	TYPE 4	1200M	D400 150 B60x60		