

NOTES

- Do not scale from this drawing.
- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- All works and materials to be in accordance with current British Standards and Building Regulations.
- The Architects site plan has been used as a base for this drawing. Please refer to the latest site plan.
- Pipes with <300mm cover under non-vehicle areas and <900mm cover under vehicle areas are to be encased 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.
- For any works on Public Sewers refer to Statutory Undertakers Drawings.
- For drainage details refer to Build Vision 900 Series drawings.
- All exg drains indicated ~~~~~ to be removed or grouted with PP3/compit/out minimum ratio of 12:1.
- RWP, SVP & Syphonic locations and sizes to be confirmed by the Architect.
- Foul air traps to be provided on all gutters and eco chimneys.
- Access fittings to be provided on all internal drainage (Down Connection) Type 1 (min 130x100mm) (0-72m) Type 2 (min 225x100mm) (72-45m) (into Manhole) Type 2 (min 225x100mm)
- All below ground silt foul drainage to be minimum 100mm diameter unless otherwise noted.
- 110C indicates 300w mini access chamber.
- PPC indicates 450w Polypropylene Inspection Chamber.
- All sewers to have concrete or class 'v' bed and surround in accordance with pipe bedding details showing.
- All pipes to WS 4-35-01 and to be Hile market structural walled plastic, clay or concrete pipes suitable for use in Highways ALL OUTLETS AND FITTINGS TO BE REMOVBLE IN ACCORDANCE WITH BUILDING REGULATIONS

EXISTING DRAINAGE ON SITE TO BE INVESTIGATED/SUREYED

PRELIMINARY
NOT FOR CONSTRUCTION.

P5 19.11.24 S/G	Plot 1-2 drainage, site boundary
P4 14.10.24 S/G	New site plan, plot 1-2 drainage
P3 21.08.24 S/G	Added manhole schedule
P2 16.08.24 S/G	new site plan, pot drainage, eng pipe
P1 25.07.24 S/G	Preliminary Issue

Project
Greenhill Road
Middleton

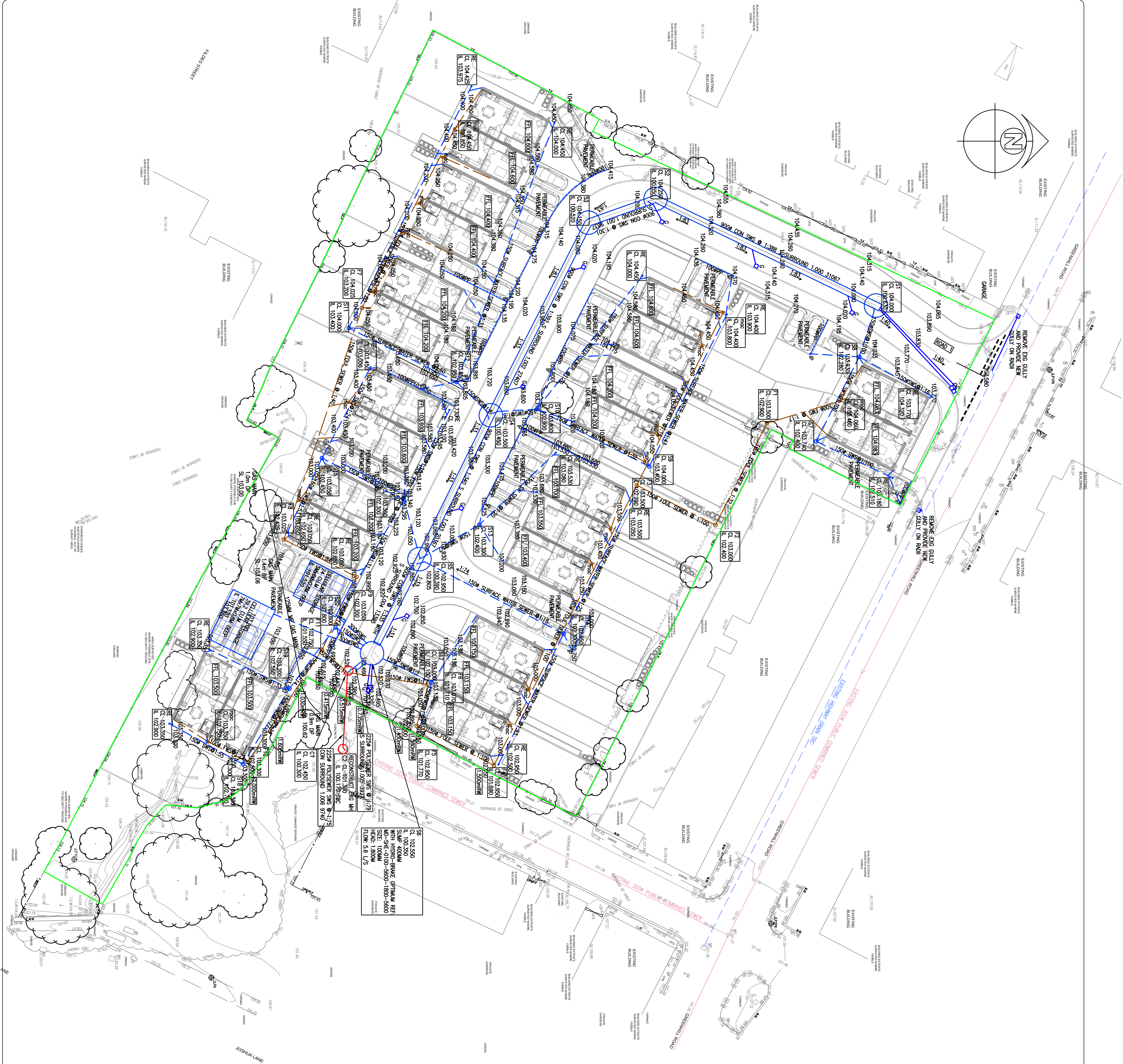
Client
J Walker Homes Ltd.

Drawing
Drainage Layout

Number	1326-900	Rev	P5
Scale	1:250@A1	Drawn	S/G
		Checked	
		Date	Jul 2024

Build Vision
Consulting Engineers

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SURFACE WATER MANHOLE SCHEDULE									
WM	COVER LEVEL	INVERT LEVEL	DEPTH	>=	PIPE WM TYPE	WM #	COVER/FRAME	ACCESS	
S1	104.600	100.650	3.950	900w	SHALLOW	3000w	D400 150B00x600		
S2	104.450	100.550	3.900	900w	SHALLOW	3000w	D400 150B00x600		
S3	103.500	100.450	3.050	900w	SHALLOW	3000w	D400 150B00x600		
S4	103.500	100.450	3.050	900w	SHALLOW	3000w	D400 150B00x600		
S5	102.650	100.350	2.300	900w	SHALLOW	3000w	D400 150B00x600		
S6	102.650	100.350	2.300	900w	CONTROL	3000w	D400 150B00x600		
S7	103.740	102.400	1.340	150w	PPC	450w	B125 450w		
S8	103.530	102.280	1.250	150w	PPC	450w	B125 450w		
S9	104.000	103.400	0.600	150w	PPC	450w	B125 450w		
S10	103.600	102.900	0.700	150w	PPC	450w	B125 450w		
S11	104.400	103.400	1.000	150w	PPC	450w	B125 450w		
S12	103.500	102.400	1.100	150w	PPC	450w	B125 450w		
S13	103.500	102.400	1.100	150w	PPC	450w	B125 450w		
S14	102.650	102.450	0.200	150w	PPC	450w	B125 450w		
S15	103.650	102.450	1.200	150w	PPC	450w	B125 450w		
S16	103.300	102.300	1.000	150w	PPC	450w	B125 450w		
S17	103.000	102.100	0.900	150w	PPC	450w	B125 450w		
S18	103.300	102.700	0.600	150w	PPC	450w	B125 450w		
S19	103.200	102.550	0.650	150w	PPC	450w	B125 450w		
S20	102.800	101.800	1.000	150w	PPC	450w	B125 450w		

FOUL WATER MANHOLE SCHEDULE									
WM	COVER LEVEL	INVERT LEVEL	DEPTH	>=	PIPE WM TYPE	WM #	COVER/FRAME	ACCESS	
F1	103.500	102.900	0.600	150w	PPC	450w	B125 450w		
F2	103.500	102.400	1.100	150w	PPC	450w	B125 450w		
F3	103.500	102.290	1.210	150w	PPC	450w	B125 450w		
F4	102.850	101.890	1.060	150w	PPC	450w	B125 450w		
F5	102.850	101.770	1.180	150w	PPC	450w	B125 450w		
F6	103.070	101.710	1.360	150w	PPC	450w	B125 450w		
F7	104.025	103.200	0.825	150w	PPC	450w	B125 450w		
F8	103.425	102.425	0.900	150w	PPC	450w	B125 450w		
F9	103.500	102.500	1.000	150w	PPC	450w	B125 450w		
F10	103.500	102.500	1.000	150w	PPC	450w	B125 450w		
F11	102.250	101.550	0.700	150w	PPC	450w	B125 450w		

COMBINED WATER MANHOLE SCHEDULE									
WM	COVER LEVEL	INVERT LEVEL	DEPTH	>=	PIPE WM TYPE	WM #	COVER/FRAME	ACCESS	
C1	102.450	100.300	2.150	225w	TYPE 1	1200w	D400 150B00x600		
C2	101.300	100.170	1.130	225w	TYPE 4	1200w	D400 150B00x600		