Private Drainage Notes

1. All house drains to be 100mmØ or 150mmØ Clay pipes to BS EN 295, or 110mmØ or 160mmØ PVC-u pipes to BS4660.
2. All RWPs to discharge to Roddable Trapped Gullies. All foul gullies to be trapped back inlet type.
3. All Inspection chambers to have class B125 cover and frame.
4. All 460mmØ Inspection Chamber deeper than 1m must be fitted with restricted access covers (Max 350mmØ)
5. All pipe work and fittings to be installed in accordance with manufacturers instructions.
6. All drainage to comply with relevant British Standards, current Building Regulations Part H and NHBC Standards.
7. Limestone pipe bedding will not be permitted in acidic ground water conditions.
8. All dimensions to be in millimetres.

PHASE: 0 (PRIVATE)							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
PS8	100	Unknown	132.034	131.550	0.384	440780.947	302954.049
PS16	100	Unknown	131.928	131.305	0.523	440780.754	302955.435
PS18	Existing Manhole. Position and levels to be confirmed on site.						
PS22	460	Type E	131.950	131.293	0.557	440773.761	302954.451
PS23	100	Unknown	131.932	129.600	2.232	440783.213	302937.708
PS24	100	Unknown	130.434	129.400	0.934	440783.362	302936.494
PS26	460	Type E	130.189	129.330	0.759	440776.689	302934.581
PS27	460	Type E	129.863	129.263	0.500	440774.932	302934.299
PS28	100	Unknown	129.594	129.094	0.400	440782.070	302923.925
PS29	100	Unknown	129.437	128.837	0.500	440782.203	302922.993
PS30	460	Type E	129.116	128.559	0.457	440776.655	302922.133
PS31	460	Type E	128.974	128.254	0.570	440752.782	302913.154
PS35	100	Unknown	128.600	128.201	0.249	440744.960	302910.433
PS36	100	Unknown	128.600	128.200	0.250	440737.304	302907.516
PS37	1200	Type E	128.700	126.800	1.750	440734.743	302906.859
PS38	330	Type E	129.179	128.579	0.500	440750.799	302927.521
PS39	180	Type E	129.149	128.750	0.299	440747.548	302926.520
PS40	180	Type E	129.210	128.810	0.300	440761.203	302928.500
PF1	330	Type E	132.050	131.450	0.500	440775.981	302943.470
PF2	460	Type E	131.944	130.821	1.023	440773.184	302962.907
PF3	460	Type E	131.899	130.776	1.023	440770.350	302962.750
PF4	100	Unknown	132.200	131.700	0.400	440781.807	302943.925

PS8	COVER	A	131.55m
	132.034m	B	
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS16	COVER	A	131.305m
	131.928m	B	131.305m
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS18	COVER	A	TBC
	Existing	B	
	DIAMETER	C	
	Existing	D	
	Existing	E	
PS22	COVER	A	131.293m
	131.950m	B	131.293m
	DIAMETER	C	
	460mm	D	
	Type E	E	
PS23	COVER	A	129.60m
	131.932m	B	
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS24	COVER	A	129.40m
	130.434m	B	129.40m
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS26	COVER	A	129.33m
	130.189m	B	129.33m
	DIAMETER	C	129.33m
	460mm	D	
	Type E	E	
PS27	COVER	A	129.263m
	129.863m	B	129.263m
	DIAMETER	C	
	460mm	D	
	Type E	E	
PS28	COVER	A	129.094m
	129.594m	B	
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS29	COVER	A	128.837m
	129.437m	B	128.837m
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS30	COVER	A	128.559m
	129.116m	B	128.559m
	DIAMETER	C	128.559m
	460mm	D	
	Type E	E	

PS31	COVER	A	128.254m
	128.974m	B	128.304m
	DIAMETER	C	128.304m
	460mm	D	
	Type E	E	
PS35	COVER	A	128.201m
	128.60m	B	128.201m
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS36	COVER	A	128.20m
	128.60m	B	128.20m
	DIAMETER	C	
	100mm	D	
	Unknown	E	
PS37	COVER	A	126.80m
	128.70m	B	128.068m
	DIAMETER	C	
	1200mm	D	
	Type E	E	
PS38	COVER	A	128.579m
	129.179m	B	128.579m
	DIAMETER	C	128.579m
	330mm	D	
	Type E	E	
PS39	COVER	A	128.75m
	129.149m	B	
	DIAMETER	C	
	180mm	D	
	Type E	E	
PS40	COVER	A	128.81m
	129.210m	B	
	DIAMETER	C	
	180mm	D	
	Type E	E	
PF1	COVER	A	131.45m
	132.05m	B	131.45m
	DIAMETER	C	
	330mm	D	
	Type E	E	
PF2	COVER	A	130.821m
	131.944m	B	130.821m
	DIAMETER	C	
	460mm	D	
	Type E	E	
PF3	COVER	A	130.776m
	131.899m	B	
	DIAMETER	C	
	460mm	D	
	Type E	E	
PF4	COVER	A	131.70m
	132.20m	B	
	DIAMETER	C	
	100mm	D	
	Unknown	E	

Root protection to pipework and attenuation tank located within root protection areas to be agreed with Arboriculturist

Root protection to pipework and attenuation tank located within root protection areas to be agreed with Arboriculturist

Refer to TC drawing T21130/23/130 for details of MUGA drainage

KEY

- 320Ø PPIC (FW / SW)
- 460Ø PPIC (FW / SW)
- Cellular Surface Water Attenuation
- Proposed Flow Control Chamber (Private)
- RE — Rodding Eye
- DC — Linear Drainage Channel
- G — Yard Gully
- RWP — Rain Water Pipe
- SVP/SS — Soil Vent Pipe / Stub Stack

CONNECTION TO EXISTING MANHOLE

DO NOT SCALE THIS DRAWING — A1

GENERAL NOTES:

1. Before construction commences, the setting out Engineer shall ensure that all setting out information is mutually compatible with all the drawings and documents provided by the designers. Where information is apparently contradictory or ambiguous, the design Engineer and/or the Architect is to be informed immediately. Thomas Consulting will accept no liability for setting out errors where work is constructed to incorrect information.
2. All drawings and documents are to be read in conjunction with one another, are mutually compatible and shall be read as such. All documents shall be checked to ensure that they are compatible by the contractor before construction commences. In the event of apparent ambiguity or contradiction the engineer and/or architect shall be notified immediately. Thomas Consulting accept no liability in the event of not being so notified and where construction work has commenced.
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IN ADDITION TO THE HAZARDS/RISKS ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:

ITEM	HAZARD IDENTIFICATION
1	1. Refer to Arboriculturist's drawings to ensure excavations do not cause issues to the tree root systems 2. No services information has been provided. Ensure areas are scanned prior to any excavations taking place.

REVISIONS

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
A	25/09/23	PS18 details amended	MJ	NJ
B	24/01/24	Construction issue	MJ	IW

DRAWING STATUS: CONSTRUCTION ISSUE

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CLIENT: WITHERSLACK GROUP

PROJECT: THE OLD RECTORY MARKET BOSWORTH

DRAWING TITLE: DRAINAGE PROPOSALS

DATE CREATED:	DRAWING SCALE:	DRAWN BY:	CHECKED BY:	QA CATEGORY:
20/09/2023	1:200 @ A1	MWJ	JP	1

DRAWING REF: TC / T21130/ 23 / 110 — REV: B

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