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NOTES

1. All dimensions are in millimetres unless stated otherwise.

2. This drawing to be read in conjunction with all other relevant drawings and specifications.

3. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

STANDARD ROADS / FOOTPATH NOTES:

1. Existing structures to be broken out to minimum 450mm below top of finished surface level. Existing footpath to be broken out and rubble and existing subbase to be removed off-site.
2. Subgrade to be proof rolled with one pass of a smooth-wheeled roller having a mass per M-width of roll of not less than 2,100-kg or a Vibrating Roller having a mass per M-width of roll of not less than 700-kg or a Vibrating Plate Compactor having a mass per m2 of not less than 1400-kg. Any soft spots shall be removed and replaced with Type 1 compacted in layers not exceeding 150mm thickness.
3. All formations are to be treated with an approved herbicide before placing sib-base material on a geotextile separation membrane (Terram 1000 or similar approved)
4. All sub-base material is to be non-frost-susceptible. All concrete to be sulphate resisting

HIGHWAY WORKS NOTES

1. All works within the existing highway shall be carried out fully in accordance with the New Roads and Street Works Act 1991 and to Chapter 8 of the Traffic Signs Manual. The contractor shall provide, erect, maintain and remove upon completion all temporary signing required for works carried out within the highway. The contractor shall liaise with the Highways Authority with regard to agreeing appropriate methods of traffic management.
2. The reinstatement of the highway shall be carried out fully in accordance with the HAUC 'Specification for the Reinstatement of Openings in Highways'. Reinstatement shall be permanent (on first visit).
3. The contractor shall submit to the street works coordinator and utility companies the appropriate notices under the New Roads and Street Works Act 1991 and the Traffic Management Act. Upon completion of the works the contractor shall submit to the street works coordinator the appropriate completion notices.
5. All construction works to comply with current the Highways Authority's specifications.
6. New road markings to comply with TSRGD and the Highways Authority's specifications.
7. All works are to be carried out to Cambridgeshire County Councils specification as per the Housing Estate Road Construction Specification April 2018

MH Ref	Cover Level			Invert Level			Depth	MH Type	Internal Dia/Size		COVER DETAILS		Eastings (m)	Northings (m)
IC-0101-F	4.805	M	AOD	3.870	M	AOD	0.935	PPIC	450	MM	450 X 450	D400	539172.008	275528.627
IC-0102-F	4.810	M	AOD	4.050	M	AOD	0.760	PPIC	450	MM	450 X 450	B125	539179.720	275530.016
IC-0103-F	4.830	M	AOD	4.200	M	AOD	0.630	PPIC	450	MM	450 X 450	B125	539193.231	275532.777
IC-0201-F	4.610	M	AOD	3.405	M	AOD	1.205	PPIC	450	MM	450 X 450	B125	539166.793	275506.143
IC-0202-F	4.700	M	AOD	3.520	M	AOD	1.180	PPIC	450	MM	450 X 450	D400	539175.773	275507.817
IC-0203-F	4.610	M	AOD	3.650	M	AOD	0.960	PPIC	450	MM	450 X 450	B125	539186.733	275509.860
IC-0301-F	4.480	M	AOD	2.785	M	AOD	1.695	PPIC	450	MM	450 X 450	B125	539171.636	275477.701
IC-0303-F	4.510	M	AOD	3.210	M	AOD	1.300	PPIC	450	MM	450 X 450	B125	539191.600	275481.635
IC-0401-F	4.435	M	AOD	2.980	M	AOD	1.455	PPIC	450	MM	450 X 450	D400	539182.886	275457.702
IC-0402-F	4.415	M	AOD	3.120	M	AOD	1.295	PPIC	450	MM	450 X 450	D400	539194.167	275459.425
IC-0403-F	4.310	M	AOD	3.100	M	AOD	1.210	PPIC	450	MM	450 X 450	B125	539173.390	275455.984
IC-0404-F	4.195	M	AOD	3.410	M	AOD	0.785	PPIC	450	MM	450 X 450	B125	539149.108	275451.592
IC-0405-F	4.195	M	AOD	3.595	M	AOD	0.600	PPIC	450	MM	450 X 450	D400	539136.814	275449.235
MH-0001-F	4.470	M	AOD	2.400	M	AOD	2.070	TYPE B	1200	MM	600 X 600	D400	539159.806	275517.076
MH-0002-F	4.490	M	AOD	2.540	M	AOD	1.950	TYPE B	1200	MM	600 X 600	D400	539161.975	275505.245
MH-0003-F	4.335	M	AOD	2.735	M	AOD	1.600	TYPE B	1200	MM	600 X 600	D400	539167.077	275476.873
MH-0302-F	4.615	M	AOD	2.835	M	AOD	1.780	TYPE B	1200	MM	600 X 600	D400	539179.027	275479.038

Foul Water MH Schedule

Pipe Ref	Pipe Diameter		Pipe Material	Pipe Gradient	Pipe Bedding
PN-0101-F	100	mm	PVC	1 in 80	Type Z
PN-0102-F	100	mm	PVC	1 in 80	Type Z
PN-0103-F	100	mm	PVC	1 in 80	Type Z
PN-0201-F	100	mm	PVC	1 in 80	Type S
PN-0202-F	100	mm	PVC	1 in 80	Type Z
PN-0203-F	100	mm	PVC	1 in 80	Type Z
PN-0301-F	150	mm	PVC	1 in 150	Type S
PN-0302-F	150	mm	PVC	1 in 150	Type S
PN-0303-F	100	mm	PVC	1 in 100	Type S
PN-0401-F	150	mm	PVC	1 in 150	Type S
PN-0402-F	100	mm	PVC	1 in 80	Type S
PN-0403-F	100	mm	PVC	1 in 24	Type Z
PN-0404-F	100	mm	PVC	1 in 80	Type Z
PN-0405-F	100	mm	PVC	1 in 68	Type Z
PN-001-F	150	mm	PVC	1 in 150	Type S
PN-002-F	150	mm	PVC	1 in 86	Type S

Foul Water Pipe Schedule

MH Ref	Cover Level			Invert Level			Depth	MH Type	Internal Dia/Size		COVER DETAILS		Eastings (m)	Northings (m)
IC-0003-S	4.680	M	AOD	3.130	M	AOD	1.550	PPIC	450	MM	450 X 450	B125	539170.261	275525.890
IC-0004-S	4.715	M	AOD	3.225	M	AOD	1.490	PPIC	450	MM	450 X 450	B125	539178.292	275527.299
IC-0005-S	4.740	M	AOD	3.325	M	AOD	1.415	PPIC	450	MM	450 X 450	B125	539190.454	275529.491
IC-0007-S	4.675	M	AOD	2.980	M	AOD	1.695	PPIC	450	MM	450 X 450	D400	539171.674	275512.869
IC-0008-S	4.475	M	AOD	3.450	M	AOD	1.025	PPIC	450	MM	450 X 450	B125	539175.741	275475.317
IC-0009-S	4.650	M	AOD	3.450	M	AOD	1.200	PPIC	450	MM	450 X 450	B125	539187.639	275481.485
IC-0010-S	4.510	M	AOD	3.450	M	AOD	1.060	PPIC	450	MM	450 X 450	B125	539197.088	275480.348
IC-0014-S	4.085	M	AOD	2.710	M	AOD	1.375	PPIC	450	MM	450 X 450	A15	539126.934	275430.736
IC-0015-S	4.145	M	AOD	3.285	M	AOD	0.860	PPIC	450	MM	450 X 450	A15	539199.959	275444.207
IC-0016-S	4.145	M	AOD	3.220	M	AOD	0.925	PPIC	450	MM	450 X 450	A15	539203.143	275451.868
IC-0017-S	4.460	M	AOD	3.115	M	AOD	1.345	PPIC	450	MM	450 X 450	A15	539200.811	275463.999
IC-0018-S	5.235	M	AOD	3.735	M	AOD	1.500	PPIC	450	MM	450 X 450	B125	539163.679	275539.017
IC-0019-S	4.725	M	AOD	3.080	M	AOD	1.645	PPIC	450	MM	450 X 450	B125	539165.889	275525.107
MH-0002-S	4.500	M	AOD	3.050	M	AOD	1.450	TYPE E	1200	MM	600 X 600	D400	539163.014	275519.335
MH-0013-S	4.165	M	AOD	2.615	M	AOD	1.550	TYPE B	1200	MM	600 X 600	A15	539123.108	275451.614

Surface Water MH Schedule

Pipe Ref	Pipe Diameter		Pipe Material	Pipe Gradient	Pipe Bedding
PN003-S	150	mm	PVC	1 in 99	Type S
PN004-S	150	mm	PVC	1 in 85	Type S
PN005-S	150	mm	PVC	1 in 123	Type S
PN007-S	300	mm	PVC	1 in 190	Type S
PN008-S	225	mm	PVC	1 in 183	Type Z
PN009-S	225	mm	PVC	1 in 215	Type S
PN010-S	225	mm	PVC	1 in 225	Type Z
PN013-S	225	mm	PVC	1 in 178	Type S
PN014-S	225	mm	PVC	1 in 220	Type S
PN015-S	225	mm	PVC	1 in 127	Type S
PN016-S	225	mm	PVC	1 in 117	Type S
PN017-S	225	mm	PVC	1 in 225	Type S
PN018-S	150	mm	PVC	1 in 21	Type S
PN019-S	225	mm	PVC	1 in 200	Type S
PN017-S	225	mm	PVC	1 in 225	Type S
PN002-S	225	mm	PVC	1 in 100	Type S

Surface Water Pipe Schedule

C3	Updated IC-0015-S & IC-0016-S's CL	AJP	01/25
C2	Updated IC-0018-S, IC-0404-F & IC-0405-F's IL and PN018-S & PN008-S Pipe Diameter	EP	12/24

Client
Barnack Estates UK Ltd.

Project
Meadow Drove, Earith

Title
Manhole & Pipe Schedule

Job No 22155

Drawing No 22155 - 113

Status For Construction Rev C3

Scale N/A@A1 Date 22-08-24

Project Engineer TBP

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