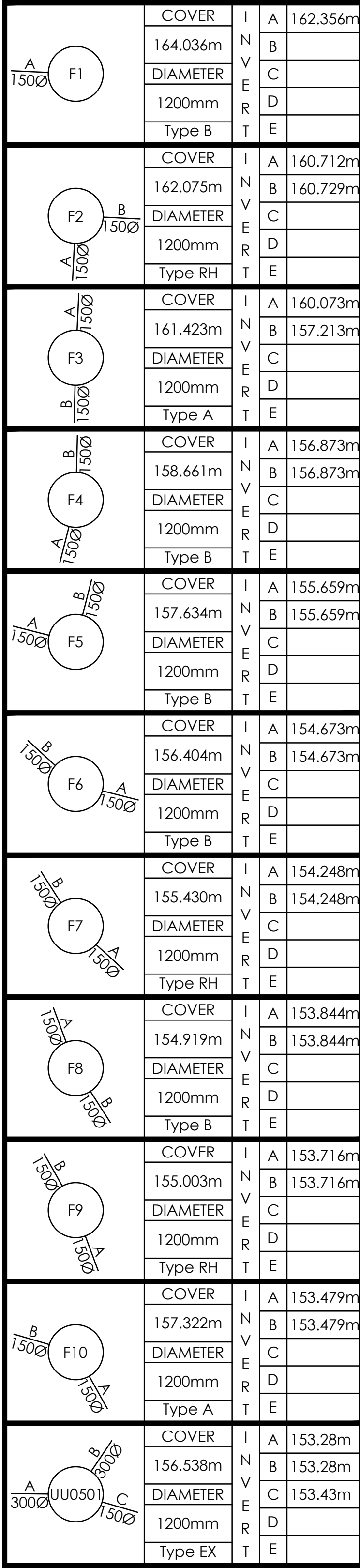
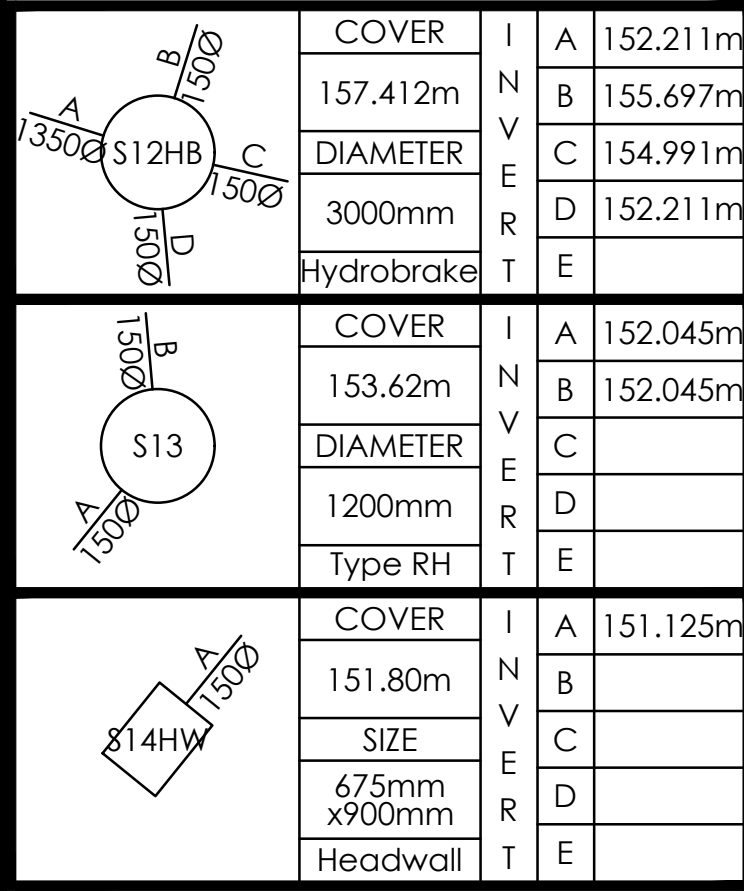
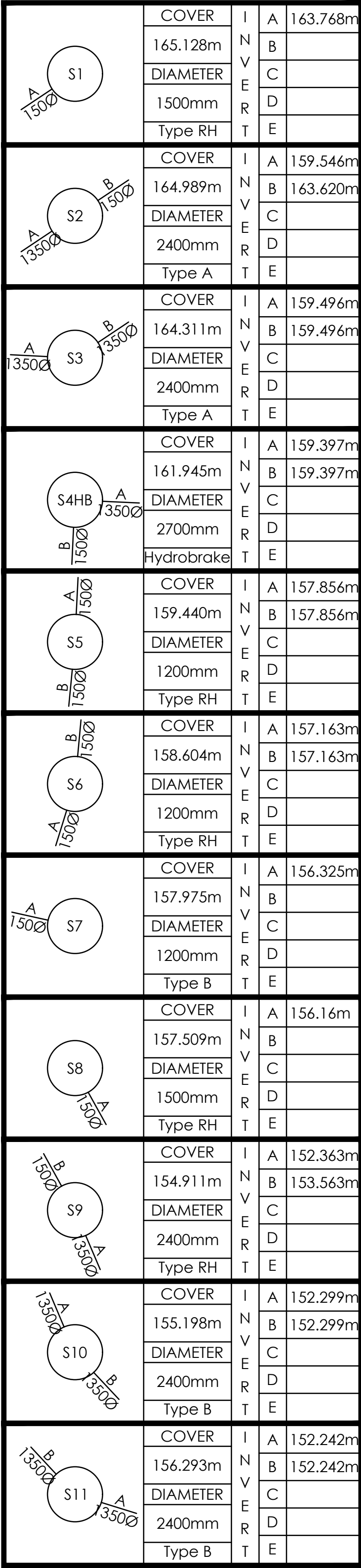


300mm
200mm
100mm
50mm
10mm
0

SWS: COLLINS CROSS LANE							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
S1	1500	Type RH	165.128	163.768	1.210	403156.735	393575.590
S2	2400	Type A	164.989	159.546	4.093	403138.283	393563.264
S3	2400	Type A	164.311	159.496	3.465	403121.652	393552.155
S5	1200	Type RH	159.440	157.856	1.434	403081.049	393526.003
S6	1200	Type RH	158.604	157.163	1.291	403080.356	393518.795
S7	1200	Type B	157.975	156.325	1.500	403090.376	393501.057
S8	1500	Type RH	157.509	156.160	1.199	403024.056	393574.723
S9	2400	Type RH	154.911	152.363	1.198	403038.913	393547.806
S10	2400	Type B	155.198	152.299	1.549	403048.892	393524.360
S11	2400	Type B	156.293	152.242	2.701	403064.245	393507.893
S13	1200	Type RH	153.620	152.045	1.425	403077.329	393487.772
S12HB	3000	Hydrobrake	157.412	152.211	5.051	403075.855	393504.290
S14HW	900x675	Headwall	151.800	151.125	0.525	403064.235	393471.573
S4HB	2700	Hydrobrake	161.945	159.397	2.398	403082.404	393554.051

FWS: COLLINS CROSS LANE							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
F1	1200	Type B	164.036	162.356	1.530	403116.845	393549.857
F2	1200	Type RH	162.075	160.712	1.213	403084.334	393551.427
F3	1200	Type A	161.423	157.213	4.060	403083.113	393525.887
F4	1200	Type B	158.661	156.873	1.638	403082.938	393519.095
F5	1200	Type B	157.634	155.659	1.825	403078.485	393501.548
F6	1200	Type B	156.404	154.673	1.581	403064.239	393505.163
F7	1200	Type RH	155.430	154.248	1.032	403051.654	393516.617
F8	1200	Type B	154.919	153.844	0.925	403042.981	393530.276
F9	1200	Type RH	155.003	153.716	1.137	403036.321	393548.232
F10	1200	Type A	157.322	153.479	3.693	403018.945	393579.267
UU0501	1200	Type EX	156.538	153.280	2.958	403011.939	393581.313



NOTES

- Foul Water Details
 - Proposed discharge point to allow for gravity solution UU Manhole ref 0501 in Slatelands Road.
 - Connectivity to the existing foul water drainage serving Devonshire House must be proven prior to acceptance of the design.
- Surface Water
 - Overall allowable discharge rate 10.0 l/sec (QBar), as taken from the FRA produced by Betts Hydro (June 2021) Ref:- HYD512_HOLLIN.CROSS.LANE_FRA&DMS. Design based on large diameter pipes to contain the 1:30 year storm water and the 1:100 year.
 - The 1:30 year simulations include for a surcharged outfall based on interpolated model details within the FRA. Level used is 151.79mAOD. The 1:100 year + 40% CC simulations include for a surcharged outfall based on interpolated model details within the FRA using the 1:100 year figures. Level used is 151.98mAOD.
 - Connectivity to the existing surface water drainage serving Devonshire House must be proven prior to acceptance of the design.
- Layout Details
 - The design has been based where possible on details provided the the Pozzoni drawing ref:- 5417-PAL-ZZ-ZZ-DR-A-110 P13 Site Plan and TPA drawing ref:- 6004.02 Root Protection Plan, with adjustments being made to allow for both surface and foul water design requirements. Further layout considerations include:-
 - Relocating the bin store to adjacent car parking in front of plot 08 to provide a woodland vista.
 - Due to the proposed sewer routing and outfall to the water course consideration will need to be take with regards proposed and existing planting/trees to allow for required sewer easements where no planting will be allowed.
- Drainage Generally.
 - All drainage is to be private.
 - All drainage to comply with the building regulations Part H.
 - Final connect of the foul drainage network to existing combined UU manhole ref 0501 in Slatelands Road is subject to a Section 106 agreement under the Water Industries Act 1991. Specified oversize pipes 1350dia are available by special order from FPMcCanns. The headwall outfall discharge to Long Clough Brook as a designated main river is subject to Environment Agency approval. No development is permitted within 8m from the top of bank of Long Clough Brook.

8	24.01.23	Amended to suit updated drainage layout	HB
A	29.07.21	Produced by Client comment	GW
Mark	Date	Details	By

Revision History

Drawing originator:



Client:

Eden Planning Ltd

Project title:

Hollin Cross Lane
Glossop

Drawing title:

Manhole Schedule

Scale: 1:500 for the original size of A1

Drawn by: GW | Checked by: RA | Passed by: RA | Date: July 2021

Drawing status:

Provisional									
Job No:	Drawing No:	Project	Origin	Volume	Level	Type	Discip.	Number	Revision:
EDE01	5417	BET	ZZ	XX	DR	C	105		B