

Foul Water Drainage Schedule			
REF	COVER	INVERT	SIZE-TYPE
EXIST MH 2500	72.690	70.790	EXISTING
EXIST MH 2600	73.400	71.42	EXISTING
F03	73.500	71.175	1200ø PC RING
F05	76.160	73.595	1200ø PC RING
F06	75.046	73.220	1200ø PC RING
F07	76.850	75.680	450ø PPIC
F08	77.300	75.345	450ø PPIC
F10	76.880	75.080	1200ø PC RING
F11	77.000	76.250	450ø PPIC
F13	76.700	75.850	450ø PPIC
F14	77.815	77.065	450ø PPIC
F15	77.175	76.100	450ø PPIC
F16	77.385	76.300	450ø PPIC
F17	77.250	75.980	450ø PPIC
F171	77.100	76.400	450ø PPIC
F18	76.900	75.250	1200 DIA PPIC BD FROM F20 76.00
F19	77.280	76.530	450ø PPIC
F20	77.280	76.150	450ø PPIC
F21	77.000	74.950	450ø PPIC
F211	77.600	76.550	450ø PPIC
F212	77.600	76.800	450ø PPIC
F22	76.085	74.800	1200ø PC RING
F30	75.950	73.850	1200ø – BD FROM F42 74.900
F31	75.900	73.925	1200ø PC RING
F32	75.750	74.150	1200ø PC RING
F32a	75.750	74.850	450ø PPIC
F33	75.950	74.525	1200ø PC RING
F33a	76.150	75.300	450ø PPIC
F34	75.850	74.650	450ø PPIC
F35	75.800	74.725	450ø PPIC
F36	76.270	74.850	450ø PPIC
F37	75.800	75.000	450ø PPIC
F38	75.700	74.350	1200ø PC RING
F39	76.100	74.850	450ø PPIC
F40	76.040	75.200	450ø PPIC
F40a	76.150	75.400	450ø PPIC
F41	76.290	75.525	450ø PPIC
F42	76.225	75.450	450ø PPIC
F43	77.425	76.375	450ø PPIC
F44	77.300	76.450	450ø PPIC
F45	77.500	76.650	450ø PPIC
F46	77.300	76.600	450ø PPIC
F47	72.540	71.305	1200ø PC RING
F48	72.325	70.970	1200ø PC RING
F49	73.150	71.000	1200ø PC RING
F50	73.150	71.560	1200ø PC RING
F51	73.070	71.025	1200ø PC RING
S110a	76.900	76.300	450ø PPIC

Foul Water Setting Out		
REF	EASTINGS (m)	NORTHINGS (m)
F03	519271.739	227613.654
F05	519212.042	227571.643
F06	519229.317	227595.173
F10	519201.451	227556.309
F18	519174.547	227600.644
F22	519200.563	227579.614
F30	519218.213	227594.358
F31	519210.977	227603.752
F32	519204.082	227617.352
F33	519191.421	227640.272
F38	519190.328	227621.073
F47	519289.630	227620.940
F48	519300.542	227554.315
F49	519281.247	227545.557
F50	519254.678	227660.401
F51	519281.477	227588.606

Surface Water Drainage Schedule			
REF	COVER	INVERT	SIZE-TYPE
CP01	76.010	74.540	1200ø PC RING CATCHPIT
CP02	75.700	74.200	1200ø PC RING CATCHPIT
CP03	75.850	74.100	1200ø PC RING CATCHPIT
CP04	74.960	73.520	1200ø PC RING CATCHPIT
CP05	73.700	72.200	1200ø PC RING CATCHPIT
CP06	73.230	71.750	1200ø PC RING CATCHPIT
CP07	71.370	69.800	1200ø PC RING CATCHPIT
CP08	71.000	69.470	2100ø PC RING CATCHPIT
CP09	71.165	69.850	1200ø PC RING CATCHPIT
CP10	70.150	69.390	2100ø PC RING CATCHPIT
CP11	71.240	69.700	1200ø PC RING CATCHPIT
CP12	71.750	69.790	1200ø PC RING CATCHPIT
CP13	71.950	69.825	1200ø PC RING CATCHPIT
CP14	72.400	70.350	1200ø PC RING CATCHPIT
CP15	72.785	70.970	1200ø PC RING CATCHPIT
CP16	73.100	71.040	1200ø PC RING CATCHPIT
CP17	73.845	71.500	1200ø PC RING CATCHPIT
CP18	74.745	72.500	1200ø PC RING CATCHPIT
CP19	71.570	70.000	1200ø PC RING CATCHPIT
CP20	71.680	70.035	1200ø PC RING CATCHPIT
CP20a	71.955	70.130	1200ø PC RING CATCHPIT
CP21	72.365	71.700	1200ø PC RING CATCHPIT
CP22	72.680	71.750	1200ø PC RING CATCHPIT
CP23	74.500	72.500	1200ø PC RING CATCHPIT
CP24	75.680	74.000	1200ø PC RING CATCHPIT
CP25	76.200	73.895	1200ø PC RING CATCHPIT
CP25a	73.360	71.800	1200ø PC RING CATCHPIT
CP26	76.960	75.380	1200ø PC RING CATCHPIT
CP26a	73.020	71.935	1200ø PC RING CATCHPIT
CP27	76.565	75.480	1200ø PC RING CATCHPIT
CP27a	73.420	71.810	1500ø PC RING CATCHPIT
CP28	73.260	71.930	1500ø PC RING CATCHPIT
CP28a	73.400	72.000	1200ø PC RING CATCHPIT
CP29	73.100	72.050	1200ø PC RING CATCHPIT
CP30	73.850	72.120	1500ø PC RING CATCHPIT
CP31	74.200	72.720	1500ø PC RING CATCHPIT
S101	77.415	76.530	450ø PPIC CATCHPIT
S107	77.300	76.725	450ø PPIC CATCHPIT
S109	77.600	77.025	450ø PPIC CATCHPIT
S110	76.500	75.900	450ø PPIC CATCHPIT
S110a	76.900	76.300	450ø PPIC
S111	77.140	76.290	450ø PPIC CATCHPIT
S113	76.325	75.850	450ø PPIC CATCHPIT
S114	76.325	75.700	450ø PPIC CATCHPIT
S115	76.200	74.900	450ø PPIC CATCHPIT
S115a	76.055	75.200	450ø PPIC CATCHPIT
S115b	76.350	75.000	450ø PPIC CATCHPIT
S117	75.750	75.300	450ø PPIC CATCHPIT
S118	76.900	75.700	450ø PPIC CATCHPIT
S121	75.650	74.000	450ø PPIC
S121a	75.200	73.300	600ø PPIC
S122	77.100	76.250	450ø PPIC
S122a	76.950	75.750	450ø PPIC CATCHPIT
S123	75.200	74.300	CATCHPIT / MH
S124	77.850	77.300	450ø PPIC CATCHPIT

PIPEWORK INTO CATCHPIT MANHOLES TO BE AT LEVEL INVERTS.

Surface Water Setting Out		
REF	EASTINGS (m)	NORTHINGS (m)
CP01	519183.936	227647.040
CP02	519206.012	227606.178
CP03	519218.562	227596.068
CP04	519229.250	227597.004
CP05	519267.646	227613.415
CP06	519276.257	227617.036
CP07	519310.559	227631.137
CP08	519320.461	227638.484
CP09	519331.364	227611.338
CP10	519332.621	227643.193
CP11	519298.932	227690.926
CP12	519285.928	227709.639
CP13	519278.198	227712.832
CP14	519262.544	227701.058
CP15	519248.516	227691.987
CP16	519238.902	227687.507
CP17	519223.839	227682.419
CP18	519204.427	227678.834
CP19	519342.094	227584.624
CP20	519340.756	227577.004
CP20a	519323.724	227568.939
CP21	519298.709	227557.115
CP22	519288.695	227555.112
CP23	519249.444	227538.213
CP24	519224.942	227525.789
CP25	519210.197	227571.008
CP25a	519275.138	227609.233
CP26	519199.543	227556.986
CP26a	519283.134	227587.888
CP27	519208.034	227538.546
CP27a	519269.732	227623.009
CP28	519262.373	227643.530
CP28a	519256.764	227641.317
CP29	519255.450	227662.448
CP30	519232.429	227631.857
CP31	519239.608	227614.425

- NOTES
- ESP NO. E22-032
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S DRAWINGS. ANY DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON THIS OR ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO ANY WORKS COMMENCING ON SITE.

2. ALL CONCRETE AT OR BELOW GROUND LEVEL ON SITE SHALL BE ABLE TO WITHSTAND SULPHATE CONCENTRATIONS IN ACCORDANCE WITH BRE SPECIAL DIGEST 1.

3. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL SERVICES THAT ARE LIKELY TO BE AFFECTED BY THE PROPOSED WORKS ARE LOCATED PRIOR TO WORKS COMMENCING. TRIAL HOLES ARE TO BE DUG IF NECESSARY.

4. INVERT LEVELS GIVEN AT MANHOLES ON DRAWING ARE THAT OF THE LARGEST DIAMETER PIPE UNLESS OTHERWISE STATED.

5. MANHOLE COVER LEVELS IDENTIFIED ON DRAWINGS ARE APPROXIMATE ONLY. ACTUAL LEVELS SHALL BE SET ON SITE TO SUIT THE LEVEL OF ADJACENT HARD FINISHES OR SOFT LANDSCAPING.

6. PIPEWORK SHALL JOIN AT SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.
PIPEWORK INTO CATCHPIT MANHOLES TO BE AT LEVEL INVERTS.

7. ALL GULLIES SHALL BE 100mmø UNLESS OTHERWISE STATED.

8. ALL GULLIES SHALL BE TRAPPED AND RODDABLE.

9. MANHOLE COVERS SHALL BE INSTALLED PARALLEL TO KERB LINES.

10. ALL SEWERS SHALL BE LAID FROM THE OUTFALL UPSTREAM. IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK AND CONFIRM THE PRECISE SIZE AND DEPTH OF OUTFALLS PRIOR TO WORKS COMMENCING ON SITE.

C3	14.03.25	REVISED TO UPDATED HOUSE TYPES FROM ARCHITECTS	BH	NG
C2	06.02.25	DRG NO. REVISED TO ELVIA HOMES NUMBERING FORMAT. COVER LEVELS REVISED. CP20a ADDED	BH	NG
C1	21.01.25	ISSUED FOR CONSTRUCTION. SETTING OUT CO-ORDINATES ADDED.	BH	NG

REV	DATE	DESCRIPTION	BY	CHK
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STATUS

CONSTRUCTION

This drawing is the property and copyright of the Consulting Engineer and shall not without written consent be communicated to a third party.

CLIENT



SITE

POUNDFIELDS
HITCHIN – PHASE 1

TITLE

Drainage Schedules & Setting Out

wintech

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SCALE AT A1 NTS	DRAWN BH	DATE NOV 24
	CHECKED NG	PASSED NG
DRAWING NO. E22-032 C_204		REV. C3