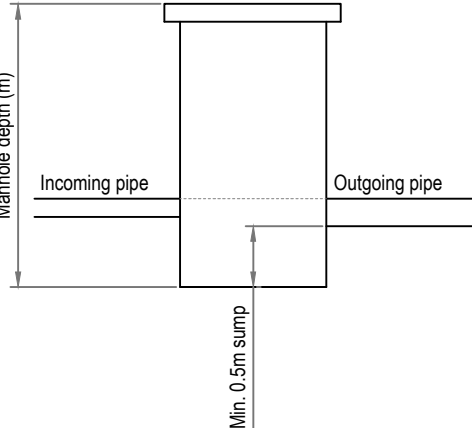


STORM MANHOLE SCHEDULE										
MH Ref.	Cover & Invert Level (m)	Depth (m)	Pipes In Dia. (mm)	Pipes In Invert Level (m)	Pipes Out Dia. (mm)	Pipes Out Invert Level (m)	MH Size (mm)	MH Type	Cover Size (mm)	Cover Grade
Sw.01	CL = 17.600 IL = 15.700	1.900	Ø150 Ø150	16.275 16.275	Ø225	16.200	Ø1200	Type B+Silt Trap	675x675	B125
Sw.02	CL = 17.200 IL = 15.050	2.150	Ø225 Ø150 Ø150	15.875 15.950 15.950	Ø300	15.800	Ø1350	Type B+Silt Trap	675x675	B125
Sx.01 existing chamber	CL = 16.410 IL = 15.500	0.910	Ø300	15.500	Ø300	15.500	Ø1050	N/A	600x600	N/A

All Type B silt traps to have a minimum 0.5m sump depth. Sump depth included in depth column as indicated in detail below



LAND DRAIN SCHEDULE

Ref.	Eastings	Northings	CL.	IL.
LD.1	443707.074	120040.766	18.300	17.200
LD.2	443730.937	120049.054	17.600	17.000
LD.3	443732.676	120050.099	17.600	16.690
LD.4	443748.473	120063.144	17.420	16.830
LD.5	443709.559	120029.862	18.060	17.460
LD.6	443736.075	120043.039	17.400	16.800
LD.7	443737.626	120044.303	17.100	16.720
LD.8	443749.762	120059.469	17.450	16.850
LD.9	443711.631	120018.994	17.720	17.120
LD.10	443743.050	120034.871	17.200	16.600
LD.11	443744.603	120036.134	17.100	16.470
LD.12	443756.669	120051.212	17.200	16.600
LD.13	443715.596	120007.616	17.650	16.960
LD.14	443749.696	120027.092	17.200	16.600
LD.15	443751.216	120028.392	17.200	16.460
LD.16	443763.099	120043.242	17.190	16.590
LD.17	443702.601	119989.698	18.100	17.500
LD.18	443755.725	120020.040	17.100	16.500
LD.19	443757.245	120021.339	17.100	16.480
LD.20	443769.305	120036.410	17.210	16.610
LD.21	443717.165	119986.500	17.500	16.900
LD.22	443762.341	120012.302	16.900	16.300
LD.23	443763.861	120013.602	16.900	16.300
LD.24	443775.921	120028.672	17.100	16.500
LD.25	443745.135	119990.959	17.000	16.400
LD.26	443768.957	120004.565	16.700	16.100
LD.27	443770.477	120005.865	16.700	16.100
LD.28	443782.537	120020.935	16.900	16.300
LD.29	443769.490	119993.353	16.550	15.950
LD.30	443775.574	119996.828	16.500	15.900
LD.31	443777.094	119998.127	16.500	15.900
LD.32	443789.153	120013.198	16.750	16.150

FILTER DRAIN SCHEDULE

Ref.	Eastings	Northings	CL.	IL.
FD.1	443709.178	120023.273	17.940	17.340
FD.2	443705.950	120040.206	18.300	17.220
FD.3	443709.252	120023.203	17.940	17.340
FD.4	443719.784	119999.937	17.620	17.020

IF YOU HAVE A QUERY CALL US

SCALING FROM THIS DRAWING OR OBTAINING DIMENSIONS ELECTRONICALLY MAY NOT PROVIDE ACCURATE INFORMATION AND SHOULD BE AVOIDED. WORK ONLY FROM FIGURED DIMENSIONS.

GENERAL NOTES

DRAWINGS AND SPECIFICATIONS: This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings together with the specification.

BUILDING REGULATIONS AND WARRANTY PROVIDER APPROVALS: Please note that it is the responsibility of the Client/Main Contractor to ensure that Building Regulations and warranty provider (e.g. NHBC) approval of all design and construction details is achieved prior to construction on site.

DRAINAGE NOTES

DRAINAGE STANDARDS: All private drainage works shall be in accordance with Building Regulations Document Part H. All adoptable drainage works shall be in accordance with Sewerage Sector Guidance Appendix C : Design and Construction Guidance and statutory undertaker's requirements.

LAYING DRAINAGE: It is recommended that all drains be laid starting from the downstream connection to the existing network and working upstream to and through the new development.

DRAINAGE PIPE SIZES: All surface water drains to be 150mm U.N.O.

MANHOLE COVER LEVELS: If the cover levels proposed in the drainage schedules vary from proposed surface level by more than 100mm, Contractor to notify Craddys.

C.D.M. : SIGNIFICANT HAZARDS

THE FOLLOWING HEALTH AND SAFETY HAZARDS ARE IDENTIFIED BY THE DESIGNER, AS ABNORMAL IN PURSUANCE OF THE CURRENT CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS.

RISKS DURING CONSTRUCTION:

- EXISTING SERVICES: Reference to services drawings should be made prior to any excavation in addition to CAT scanning in particular for the installation of drainage near to the existing public foul sewer.
- DEEP EXCAVATIONS: Adequate shoring and propping to be provided to all excavations. No excavations to be left open overnight.

OPERATION / MAINTENANCE RISKS:

- No abnormal risks have been identified relating to this design element.

RISKS DURING DEMOLITION / DECOMMISSIONING / DISMANTLING / ALTERATIONS:

- No abnormal risks have been identified relating to this design element.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY COMPETENT & ADEQUATELY RESOURCED CONTRACTOR(S) WORKING TO SAFE SYSTEMS OF WORK.

C	MINOR EXTENSION TO FILTER DRAIN FD.3 & FD.4	CAP	29.08.24
B	TENDER ISSUE	CAP	28.08.24
A	FIRST ISSUE	CAP	28.05.24
REV	REVISION DETAILS	BY	DATE

CRADDYS

Consulting Civil and Structural Engineers

www.craddys.co.uk

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PROJECT TITLE

PENNINE WAY PLAY AREA

CHANDLER'S FORD

DRAWING TITLE

LAND DRAINAGE LAYOUT

AND SCHEDULES

CLIENT

CHANDLER'S FORD PARISH COUNCIL

STATUS

TENDER

SCALE AT A1	DRG SIZE	DRAWN	CHECKED	APPROVED
1:250	A1	CAP	RJH	AR

JOB NO.	DRAWING NUMBER	REV
13562	13562-0050	C