

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
F1	30.191							
E. 368350.098	1.891		0	1.000	28.200	100	1200	TYPE B D400
N. 193413.764								
F2	29.928		1	1.000	27.850	100		
E. 368331.197	1.978		0	1.001	27.800	150	1200	TYPE B D400
N. 193419.115								
F3	29.527		1	2.000	27.542	100		
E. 368286.633	1.885		2	1.001	27.492	150	1200	TYPE B D400
N. 193431.001			0	1.002	27.492	150		
F4	29.689		1	1.002	27.372	150		
E. 368276.827	2.167		0	1.003	27.372	150	1200	TYPE B D400
N. 193445.999								
F5	29.204		1	1.003	27.215	150		
E. 368257.652	1.839		0	1.004	27.215	150	1200	TYPE B D400
N. 193459.742								
F6	28.399		1	1.004	27.048	150		
E. 368241.828	1.201		0	1.005	27.048	150	1350	TYPE C D400
N. 193465.633								
F7	27.966		1	1.005	26.616	150		
E. 368243.821	1.200		0	1.006	26.616	150	1350	TYPE C D400
N. 193486.863								
F25	Unknown		1	1.006	26.434	150		
E. 368238.544	Unknown						Existing	Existing Existing
N. 193499.893								
F9	29.573							
E. 368283.118	1.573		0	2.000	27.900	100	1200	TYPE B D400
N. 193415.507								

ALL MANHOLE AND INSPECTION CHAMBER COVERS AND FRAMES SHALL BE CLASS D400 TO PREVENT UNAUTHORIZED ACCESS

PRECAST CONCRETE MANHOLES AND CHAMBERS SHALL COMPLY WITH BS5911:2010 AND BS1917:2002

ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWER SECTOR GUIDANCE APPENDIX C

ALL TYPE A AND B CHAMBERS TO HAVE 675X675 CLEAR ACCESS OPENINGS

TYPE D & E CHAMBERS REQUIRE A 350mmØ (OR 300 x 300mm SQUARE) RESTRICTOR TO REDUCE ACCESS OPENING WHERE DEPTH TO INVERT >1.0m

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S1	30.272		1	1.000	27.480	300		
E. 368369.121	2.492		0	1.001	27.480	300	1200	TYPE B D400
N. 193406.018								
S2	30.173		1	1.001	27.391	300		
E. 368352.753	2.482		0	1.002	27.391	300	1200	TYPE B D400
N. 193411.730								
S3	29.821		1	1.002	27.287	300		
E. 368328.096	2.234		0	1.003	27.287	300	1200	TYPE B D400
N. 193418.289								
S4	29.495		1	2.000	27.169	225		
E. 368285.192	2.101		2	1.004	27.094	300	1350	TYPE B D400
N. 193429.884			0	1.005	27.019	375		
S5	29.665		1	1.005	26.969	375		
E. 368277.291	2.321		0	1.006	26.969	375	1350	TYPE B D400
N. 193443.329								
S6	29.295		1	1.006	26.909	375		
E. 368258.260	2.011		0	1.007	26.834	450	1500 HYDROBRAKE	D400
N. 193457.722								
S7	28.400		1	1.007	26.781	450		
E. 368237.871	1.079		0	1.008	26.781	450	1500 HYDROBRAKE	D400
N. 193464.529								
S37	28.480		1	1.008	26.747	450		
E. EXISTING	1.283						EXISTING	EXISTING EXISTING
N. EXISTING								
S9	29.507							
E. 368280.658	1.125		0	2.000	28.157	225	1350	TYPE C D400
N. 193413.156								
S1A	30.120							
E. 368366.179	2.290		0	1.000	27.530	300	1200	TYPE B D400
N. 193394.007								
S3a	29.673		1	1.003	27.217	300		
E. 368312.773	2.156		0	1.004	27.217	300	1350	TYPE B D400
N. 193422.157								

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS ISSUED BY THE DESIGN TEAM, PLUS ANY ASSOCIATED SPECIFICATIONS, INC. RISK ASSESSMENTS (SEE CDM NOTES) AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES, UNLESS OTHERWISE STATED.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
- THIS DRAWING HAS BEEN BASED UPON TOPOGRAPHICAL SURVEY BY LASER SURVEY, DRAWING N 9525/1.
- ALL SEWER PIPES UP TO AND INCLUDING 300mm IN DIAMETER TO BE VITRIFIED CLAY TO BS 65 AND BS EN 295. PIPES GREATER THAN 300mm IN DIAMETER TO BE PRE-CAST CONCRETE TO CLASS 120 OF BS EN 1916:2002 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ALL CONCRETE AND CONCRETE PRODUCTS BELOW GROUND LEVEL SHALL BE SULPHATE RESISTING PORTLAND CEMENT. THE DESIGN SULPHATE (DS) CLASS IS TBC AND AGGRESSIVE CHEMICAL ENVIRONMENT (ACEC) IS TBC.
- MANHOLE COVERS AND FRAMES SITUATED WITHIN THE CARRIAGEWAY SHALL BE CLASS D400 IN ACCORDANCE WITH BS EN 124.
- ALL PIPE CONNECTIONS SHALL BE MADE SOFFIT TO SOFFIT EXCEPT IN HYDROBRAKE CHAMBER OR WHERE NOTED OTHERWISE.
- ALL PIPES SHALL HAVE FLEXIBLE JOINTS.
- STATED COVER LEVELS ARE FOR GUIDANCE ONLY AND SHALL BE SET TO THE FINISH LEVEL OF THE CARRIAGEWAY/ FOOTWAY/ VERGE.
- ALL PIPE SIZES STATED ARE NOMINAL INTERNAL DIAMETERS IN MILLIMETRES.

CDM NOTES:

THE ATTENTION OF THE CLIENT, PRINCIPAL DESIGNER, PRINCIPAL CONTRACTOR, DESIGNERS AND CONTRACTORS IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED FOR THIS PROJECT:

- WORKS IN THE VICINITY OF LIVE SERVICES INCLUDING GAS, ELECTRICITY AND BT WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
- WORKS WITHIN AND ABUTTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY, THE HIGHWAY AUTHORITY AND THE POLICE DEPARTMENT.
- HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURERS ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS HAND DUG AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.

FOR APPROVAL

P4	UPDATED TYPE C CHAMBER DIAMETER TO MINIMUM 1350 IN ACCORDANCE WITH S5G APP C	AMC	AMC	AD	18.09.23
P3	SECTION 104 SUBMISSION - UPDATED MANHOLE CLEAR OPENINGS FROM 600x600 TO 675x675	AMC	AMC	AD	25.08.23
P2	SECTION 104 SUBMISSION	AMC	AMC	AD	10.08.23
P1	FIRST ISSUE	MAC	MAC	AD	03.05.23
Rev	Description	Drn	Chk	App	Date

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Client		
COTSWOLD HOMES LTD		
Project Title:		
LAND OFF SELMAN DRIVE, FALFIELD		
Drawing Title:		
ADOPTABLE DRAINAGE MANHOLE SCHEDULE		
A1 Scale	Date	Designed by
NTS	MARCH 23	MAC
Drawn by	Checked by	Approved by
MAC	MAC	AD
Drawing Number	Rev	
2105140-106	P4	