



MANHOLE SCHEDULE - FOUL WATER

Manhole Number	Co-ordinates	Cover Level	Depth To Invert	Connections	Inverts	Pipe diam	Manhole Type/Size
F1/00		15.60	0.92	1	14.68 14.68	1500 1500	TYPE 4 4500 B125 PPIC
F1/01		15.66	1.21	2	14.45 14.45	1000 1500	TYPE 4 4500 B125 PPIC
F1/02		15.80	1.65	2	14.15 14.15	1500 1500	TYPE 4 4500 B125 PPIC
F1/03		15.65	1.79	1	13.86 13.86	1500 1500	TYPE 4 4500 D400 PPIC
F1/04		15.59	2.00	1	13.59 13.59	1500 1500	TYPE 4 4500 D400 PPIC
F2/00		15.67	0.87	1	14.80 14.80	1000 1000	TYPE 3 4500 B125 PPIC
F2/01		15.67	1.11	2	14.61 14.61	1000 1500	TYPE 3 4500 B125 PPIC
F2/02		15.81	1.15	1	14.32 14.32	1500 1500	TYPE 3 4500 B125 PPIC

MANHOLE SCHEDULE - INSPECTION CHAMBERS

Manhole Number	Co-ordinates	Cover Level	Depth To Invert	Inverts	Manhole Type/Size
FIC1		15.68	0.88	14.80	TYPE 4 4500 B125 PPIC
FIC2		15.68	0.91	14.77	TYPE 4 4500 B125 PPIC
FIC3		15.68	0.91	14.77	TYPE 4 4500 B125 PPIC
FIC4		15.67	0.90	14.77	TYPE 4 4500 B125 PPIC
FIC5		15.68	0.91	14.77	TYPE 4 4500 B125 PPIC

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DO NOT SCALE FROM THIS DRAWING.

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM. DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO CAMBRIA CONSULTING LIMITED BEFORE PROCEEDING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION, FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER DESIGNERS, IN PARTICULAR THE M&E CONSULTANT REGARDING EXISTING LIVE SERVICES.

THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES OF RISK WITHIN THE CONSTRUCTION PROCESS. ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

- KEY**
- EXISTING FOUL DRAINAGE
 - EXISTING TO BE MADE REDUNDANT
 - FOUL DRAINAGE PIPE
 - FOUL DRAINAGE CHAMBER
 - INTERNAL FOUL DRAINAGE
 - SOIL VENT PIPE PENETRATION
 - FOUL DRAINAGE GULLY
 - HIGH INTENSITY INTAKE GULLY (FOUL)
 - SURFACE WATER DRAINAGE

- NOTES:**
- PROPOSED DRAINAGE DESIGN IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT H & SEWERS FOR ADOPTION TYPEDITION.
 - DRAINAGE DESIGN SUBJECT TO DETAILED HYDRAULIC MODELLING & CONSULTATION WITH SAB.
 - DRAINAGE RATES, ATTENUATION STORAGE & EXTENT OF ABOVE GROUND SUDS SUBJECT TO SAB APPROVAL.
 - ALL DOWNPIPES TO DISCHARGE TO SUDS FEATURES VIA ABOVE GROUND CHANNELS AND BELOW GROUND PIPES.
 - ALL PIPEWORK Ø150 UNLESS OTHERWISE STATED.
 - ALL CHAMBER COVERS LOCATED IN VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: D400.
 - ALL CHAMBER COVERS LOCATED IN NON-VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: B125.
 - RAINWATER PIPES POSITIONS ARE SHOWN INDICATIVELY AND ARE TO BE CONFIRMED BY THE ARCHITECT.
- NOTES: EXISTING MANHOLES & DRAINS**
- THE POSITIONS AND LEVELS SHOWN FOR EXISTING MANHOLES AND DRAINS ARE APPROXIMATE.
 - AT THE COMMENCEMENT OF WORKS THE CONTRACTOR SHALL UNDERTAKE A FULL SURVEY OF THE EXISTING DRAINAGE TO VERIFY THE DETAILS SHOWN. ANY SIGNIFICANT DISCREPANCIES OR ANY ADDITIONAL DRAINAGE NOT IDENTIFIED SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - IF ANY EXISTING FOUL OR SURFACE DRAIN THAT HAS NOT BEEN IDENTIFIED IS FOUND WITHIN THE SITE THE CONTRACTOR IS TO INVESTIGATE THE ORIGIN AND STATUS OF THE DRAIN AND REPORT TO THE ENGINEER FOR INSTRUCTION.
 - REDUNDANT DRAINS ARE TO BE DEALT WITH AS FOLLOWS:
 - WITHIN THE FOOTPRINT OF THE NEW BUILDING - DRAINS ARE TO BE REMOVED AND THE RESULTING TRENCH BACKFILLED AND COMPACTED WITH SUITABLE FILL MATERIAL.
 - OUTSIDE THE BUILDING FOOTPRINT: DEPTH >1.0m FROM FINISHED LEVELS TO CROWN OF PIPE - DRAINS ARE TO BE ABANDONED. DEPTH <1.0m FROM FINISHED LEVELS TO CROWN OF PIPE - DRAINS TO BE REMOVED AND BACKFILLED WITH SUITABLE COMPACTED FILL MATERIAL. UNDAMAGED COVERS AND FRAMES SHALL BE RETAINED ON SITE FOR RE-USE WHERE APPROPRIATE.
 - WHERE NEW MANHOLES ARE TO BE CONSTRUCTED ON EXISTING DRAIN RUNS, ROCKER PIPES SHALL BE INSTALLED ON ALL ENTRIES, INCLUDING THE EXISTING RUN, IN ACCORDANCE WITH THE SPECIFICATION.

P01	ISSUED FOR RIBA STAGE 3.	JW	RJ	LM
Rev.	Description	By	Chk	App
				07/02/25



Client:
**CAERLEON SCHOOL
CB2183**

Drawing Title:
**PROPOSED FOUL
DRAINAGE OVERVIEW**

Drawing No.
CB2183 CAM XX XX DR C 0505

Status:	Scale @A1:	Rev.
S2 PRELIMINARY	1:500	P01

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