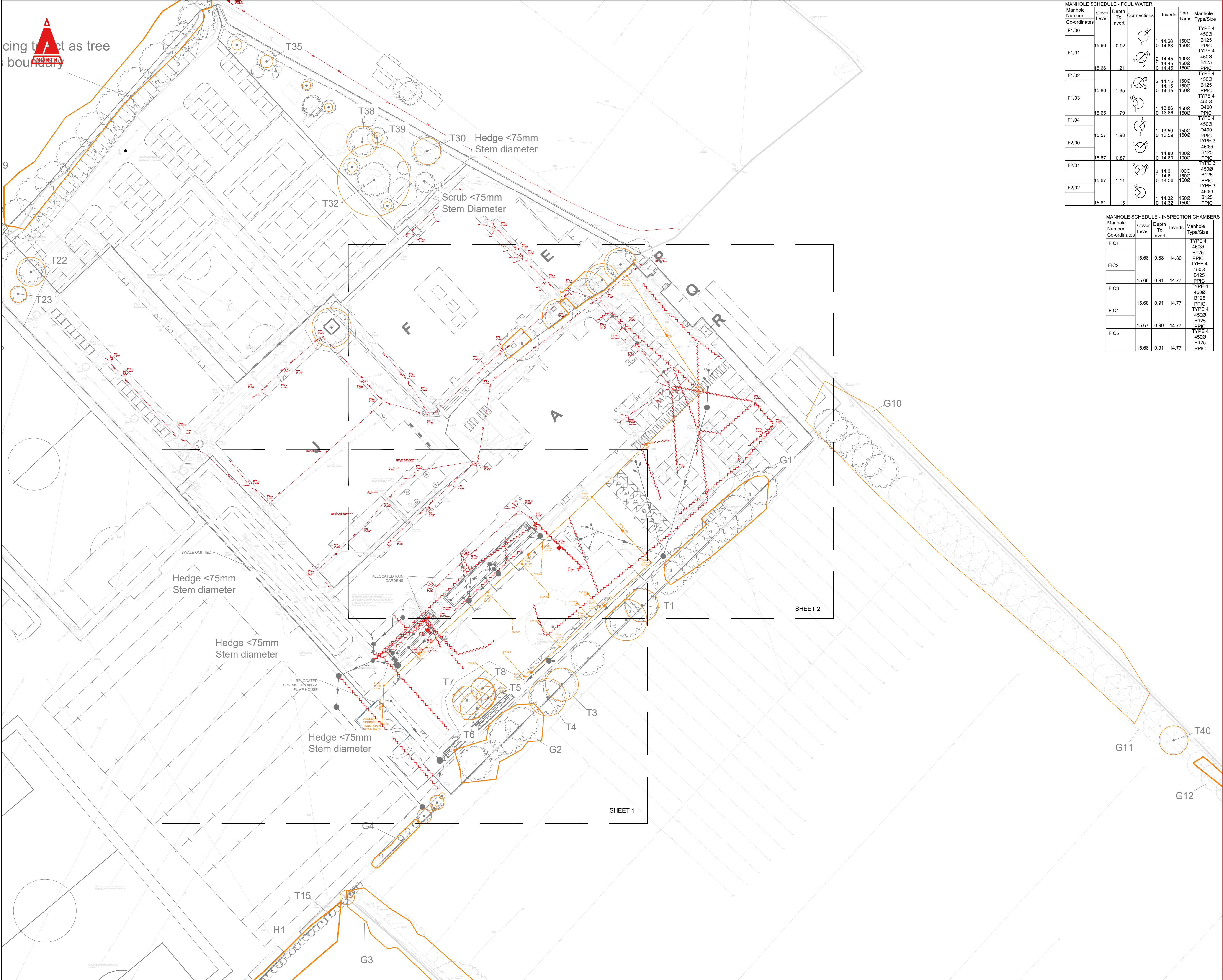




MANHOLE SCHEDULE - FOUL WATER						
Manhole Number	Cover Level	Depth To Invert	Connections	Inverts	Pipe diams	Manhole Type/Size
F1/00	15.60	0.92	1 14.68 1500 14.68	1 14.68 1500	1500	TYPE 4 4500 B125 PPIC
F1/01	15.66	1.21	2 14.45 1500 14.45 14.45 1500	2 14.45 1000 14.45 1500	1000	TYPE 4 4500 B125 PPIC
F1/02	15.80	1.65	2 14.15 1500 14.15 14.15 1500	2 14.15 1500 14.15 1500	1500	TYPE 4 4500 B125 PPIC
F1/03	15.65	1.79	1 13.86 1500 13.86	1 13.86 1500	1500	TYPE 4 4500 D400 PPIC
F1/04	15.57	1.98	1 13.59 1500 13.59	1 13.59 1500	1500	TYPE 4 4500 D400 PPIC
F2/00	15.67	0.87	1 14.80 1000 14.80	1 14.80 1000	1000	TYPE 3 4500 B125 PPIC
F2/01	15.67	1.11	2 14.61 1000 14.61 14.96 1500	2 14.61 1000 14.96 1500	1000	TYPE 3 4500 B125 PPIC
F2/02	15.81	1.15	1 14.32 1500 14.32	1 14.32 1500	1500	TYPE 3 4500 B125 PPIC

MANHOLE SCHEDULE - INSPECTION CHAMBERS				
Manhole Number	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

THIS DRAWING IS COPYRIGHT © CAMBRIA CONSULTING LTD.
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 & COMBINED 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 EXTENSION THIRD EDITION.
 - 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.
 - RAINFALL RATES 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.
 - ALL ABANDONED DRAIN RUNS SHALL BE SEALED AT EACH END WITH GENS CONCRETE.
 - MANHOLES TO BE REMOVED SHALL BE COMPLETELY BROKEN OUT 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.

P03	EXISTING PRIVATE COMBINED DRAINAGE HIGHLIGHTED ON PLAN & KEY	RJ	RJ	RJ
P02	FOUL DRAINAGE CONNECTION AMENDMENT FOLLOWING DOWW PLANNING CONDITION #4 RESPONSE.	GJ	RJ	LKM
P01	ISSUED FOR RIBA STAGE 3.	JW	RJ	LM
Rev.	Description	By	Chk	App

Client: 

Project: CAERLEON SCHOOL
CB2183

Drawing Title: PROPOSED FOUL DRAINAGE OVERVIEW

Drawing No. CB2183 CAM XX XX DR C 0505

Project	Originator	Function	Spacial	Form	Disc	Number
S2	PRELIMINARY	Scale @A1:	1:500	Rev.	P03	

CAMBRIA
Constructive Thinking

Civil & Structural Engineers
Cambria House
16 Plas St. Pol de Leon
Penarth Marina
Cardiff, CF64 1TR

T 029 2009 3333
E admin@cambria.co.uk
W www.cambria.co.uk
@cambriauk
uk.linkedin.com/in/cambriauk