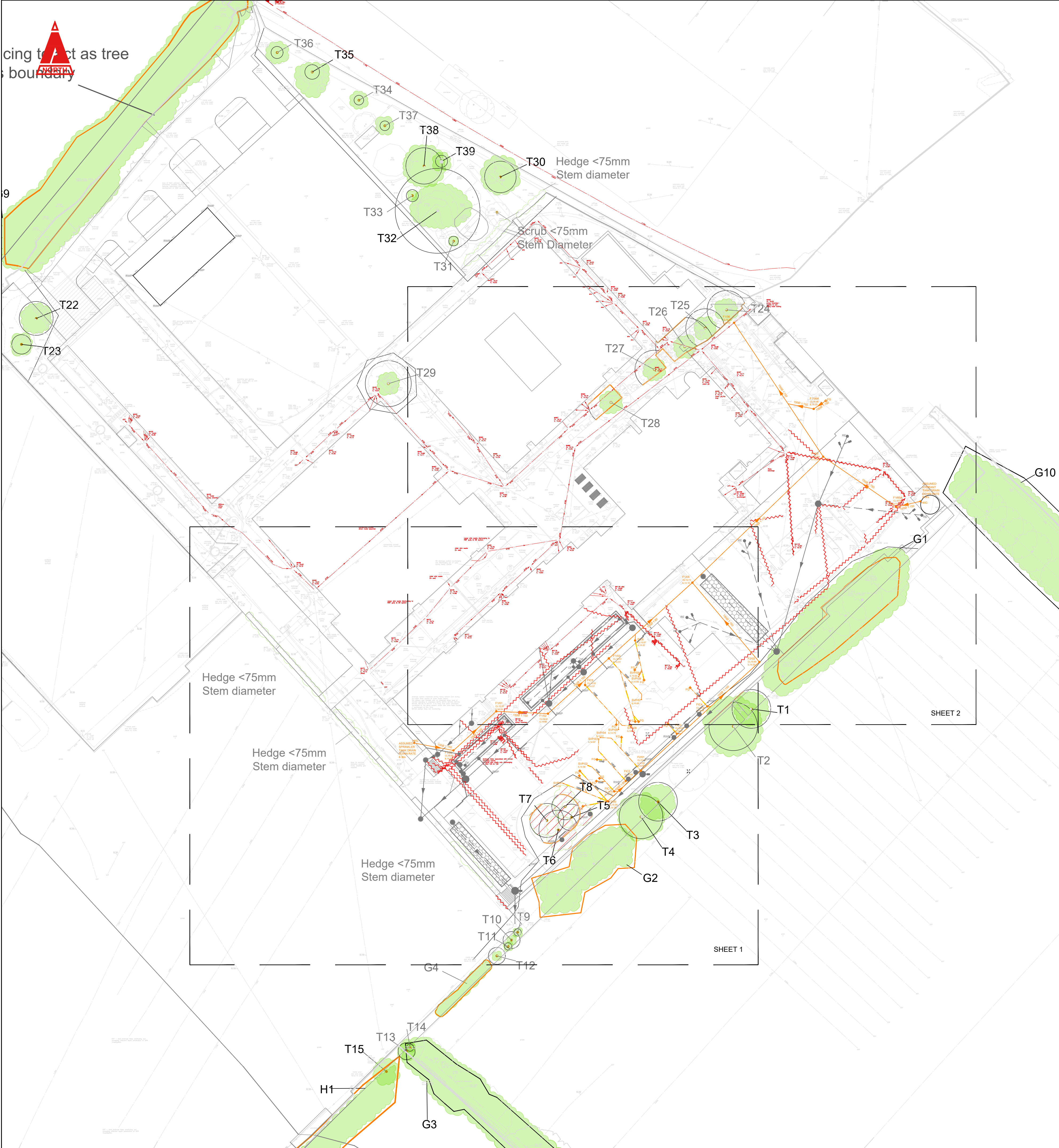




MANHOLE SCHEDULE - FOUL INSPECTION CHAMBERS						
Manhole Number	Cover Level	Depth To Invert	Connections	Inverts	Pipe diams	Manhole Type/Size
F1/00			1	0	1 14.84	TYPE 4 4500 B125 PPIC
333470.99	190520.04	15.46	0.62	1	14.84	1500
F1/01			1	0	1 14.74	TYPE 4 4500 B125 PPIC
333481.62	190529.75	15.57	0.83	1	14.74	1500
F1/02			1	0	1 14.65	TYPE 4 4500 D400 PPIC
333494.42	190529.17	15.51	0.90	1	14.65	1500
F1/03			2	0	2 14.56	TYPE 4 4500 D400 PPIC
333509.51	190542.86	15.51	1.00	2	14.51	1500
F1/04			2	0	2 14.16	TYPE 4 4500 D400 PPIC
333530.22	190561.64	15.73	1.57	2	14.16	1500
F1/05			2	0	2 13.86	TYPE 4 4500 D400 PPIC
333562.63	190592.84	15.54	1.68	2	13.86	1500
F1/05A			1	0	1 14.01	TYPE 4 4500 D400 PPIC
333580.76	190580.37	15.60	1.59	1	14.01	1500
F1/06			1	0	1 13.59	TYPE 4 4500 D400 PPIC
333540.56	190626.04	15.57	1.98	1	13.59	1500
F1/06A			1	0	1 14.23	TYPE 4 4500 D400 PPIC
333560.29	190604.69	15.58	1.98	1	14.23	1500
F2/00			3	0	3 14.79	TYPE 4 4500 D400 PPIC
333509.21	190507.47	15.54	0.75	3	14.79	1000
F2/01			2	0	2 14.65	TYPE 4 4500 B125 PPIC
333517.44	190515.02	15.64	1.04	2	14.60	1500
F2/02			1	0	1 14.33	TYPE 4 4500 B125 PPIC
333546.82	190541.96	15.69	1.38	1	14.33	1500

MANHOLE SCHEDULE - FOUL INSPECTION CHAMBERS						
Manhole Number	Cover Level	Depth To Inverts	Connections	Inverts	Pipe diams	Manhole Type/Size
FIC1						TYPE 4 4500 B125 PPIC
333510.88	190509.92	15.53	0.78	14.75		
FIC2						TYPE 4 4500 B125 PPIC
333513.73	190512.50	15.65	0.94	14.71		
FIC3						TYPE 4 4500 B125 PPIC
333526.37	190524.20	15.67	1.16	14.51		
FIC4						TYPE 4 4500 B125 PPIC
333533.91	190530.97	15.65	1.21	14.44		
FIC5						TYPE 4 4500 D400 PPIC
333503.63	190536.26	15.52	0.95	14.57		
FIC6						TYPE 4 4500 D400 PPIC
333516.03	190547.30	15.67	1.25	14.42		

- NOTES:**
1. PROPOSED DRAINAGE DESIGN IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT H & SEWERS FOR ADOPTION 7TH EDITION.
 2. DRAINAGE DESIGN SUBJECT TO DETAILED HYDRAULIC MODELLING & CONSULTATION WITH SAB.
 3. DRAINAGE RATES, ATTENUATION STORAGE & EXTENT OF ABOVE GROUND SUDS SUBJECT TO SAB APPROVAL.
 4. ALL DOWNPIPES TO DISCHARGE TO SUDS FEATURES VIA ABOVE GROUND CHANNELS AND BELOW GROUND PIPES.
 5. ALL PIPEWORK Ø150 UNLESS OTHERWISE STATED.
 6. ALL CHAMBER COVERS LOCATED IN VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: D400.
 7. ALL CHAMBER COVERS LOCATED IN NON-VEHICLE TRAFFICKED AREAS TO BE LOAD CLASSIFICATION: B125.
 8. RAINWATER PIPES POSITIONS ARE SHOWN INDICATIVELY AND ARE TO BE CONFIRMED BY THE ARCHITECT.
- NOTES: EXISTING MANHOLES & DRAINS**
1. THE POSITIONS AND LEVELS SHOWN FOR EXISTING MANHOLES AND DRAINS ARE APPROXIMATE
 2. 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.
 3. 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
 4. REDUNDANT DRAINS ARE TO BE DEALT WITH AS FOLLOWS 4.1. WITHIN THE FOOTPRINT OF THE NEW BUILDING-DRAINS ARE TO BE REMOVED AND THE RESULTING TRENCH BACKFILLED AND COMPACTED WITH SUITABLE FILL MATERIAL. 4.2. 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 REMOVED AND BACKFILLED 4.3. ALL ABANDONED DRAIN RUNS SHALL BE SEALED AT EACH END WITH GEN3 CONCRETE
 5. 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.
 6. 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.

KEY

TREES TO BE CONSIDERED FOR RETENTION.

- A - HIGH
- B - MODERATE
- C - LOW
- ROOT PROTECTION AREA

TREES UNSUITABLE FOR RETENTION.

- U - FELL
- TREES LOST TO DEVELOPMENT

TREE KEY

- CROWN SPREAD, MEASURED IN NORTH, SOUTH, EAST AND WEST SIDE OF TREE.
- T1 TREE NUMBER. (T - INDIVIDUAL TREE, G - GROUP, A - TREE AREA, W - WOODLAND, H - HEDGEROW)
- ROOT PROTECTION AREA (RPA) A LAYOUT DESIGN TOOL INDICATING THE MINIMUM AREA AROUND A TREE DEEMED TO CONTAIN SUFFICIENT ROOTS AND ROOTING VOLUME TO MAINTAIN THE TREE'S VIABILITY, AND WHERE THE PROTECTION OF THE ROOTS AND SOIL STRUCTURE IS TREATED AS A PRIORITY.

THIS PLAN SHOULD BE READ IN CONJUNCTION WITH THE CAERLEON COMPREHENSIVE SCHOOL TREE SURVEY & CATEGORISATION REPORT JUNE 2024 (AMBLER S.J.)

THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR. A MONOCHROME COPY SHOULD NOT BE RELIED UPON.

TREE PROTECTIVE FENCE

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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)
 - PIPE SLEEVE THROUGH FOUNDATION
 - SURFACE WATER DRAINAGE

P04	ISSUED FOR S73 APPLICATION	RJ	RJ	RJ
				30/04/26
P03	EXISTING PRIVATE COMBINED DRAINAGE HIGHLIGHTED ON PLAN & KEY	RJ	RJ	RJ
				27/04/26
P02	FOUL DRAINAGE CONNECTION AMENDMENT FOLLOWING DOWW PLANNING CONDITION #4 RESPONSE.	GJ	RJ	LKM
				23/04/26
P01	ISSUED FOR RIBA STAGE 3.	JW	RJ	LM
				07/02/25
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	Special	Form	Disc
Status:	S4 PRELIMINARY		Scale @A1:	1:500	Rev. P04

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