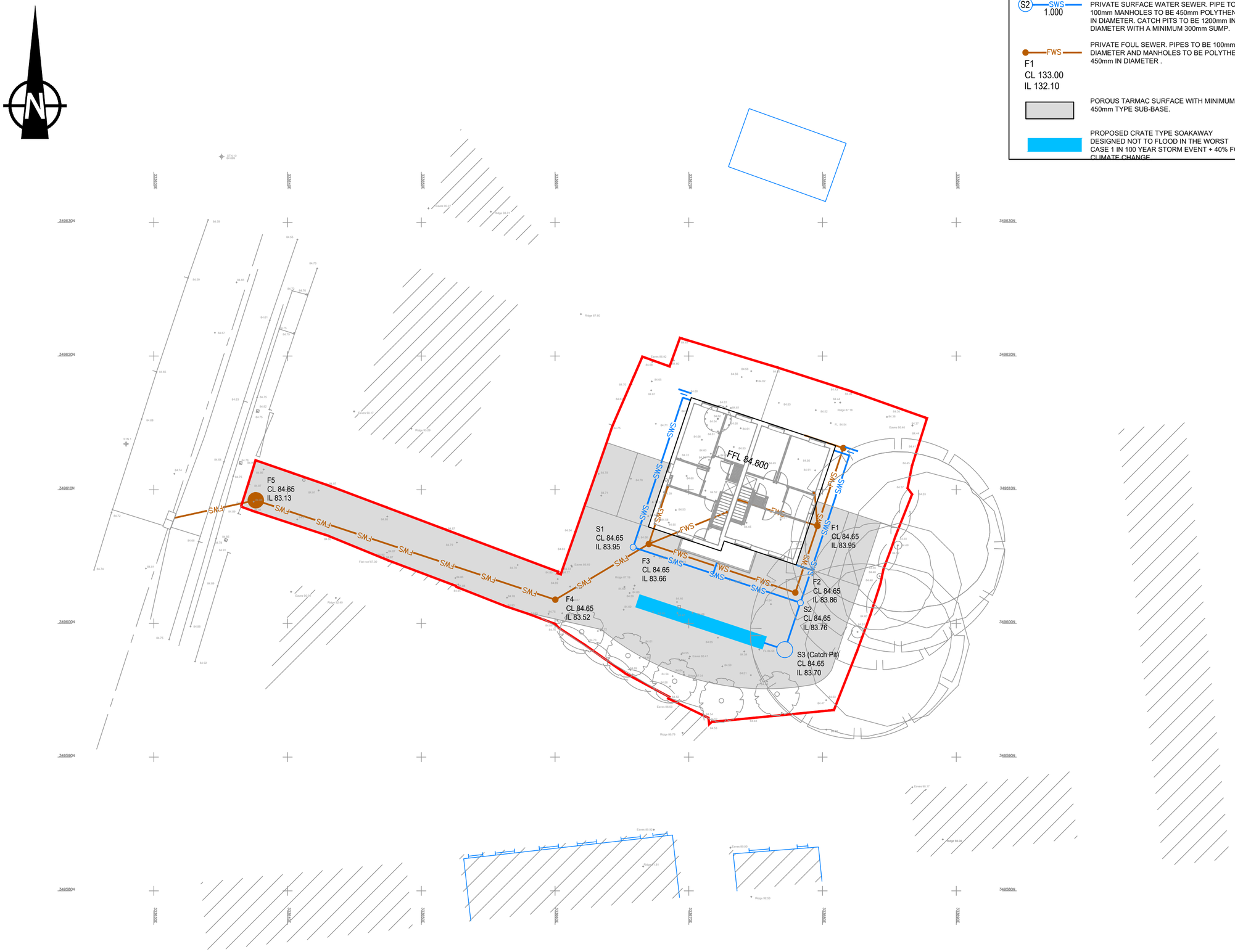


KEY:

S2 — SWS 1.000 — PRIVATE SURFACE WATER SEWER. PIPE TO BE 100mm MANHOLES TO BE 450mm POLYTHENE IN DIAMETER. CATCH PITS TO BE 1200mm IN DIAMETER WITH A MINIMUM 300mm SUMP.

FWS — F1 CL 133.00 IL 132.10 — PRIVATE FOUL SEWER. PIPES TO BE 100mmIN DIAMETER AND MANHOLES TO BE POLYTHENE 450mm IN DIAMETER .

POROUS TARMAC SURFACE WITH MINIMUM 450mm TYPE SUB-BASE.

PROPOSED CRATE TYPE SOAKAWAY DESIGNED NOT TO FLOOD IN THE WORST CASE 1 IN 100 YEAR STORM EVENT + 40% FOR CLIMATE CHANGE

JNM
CIVIL ENGINEERING DESIGN CONSULTANTS

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

NOTES

1. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
2. ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2010 APPROVED DOCUMENT H 2002 EDITION. ALL ADOPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF SEVERN TRENT WATER AND DESIGN AND CONSTRUCTION GUIDANCE (DCG), INCLUDING THE RELEVANT PROVISIONS OF THE COMBINED ADDENDUM.
3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
4. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
5. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
6. TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 600mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN ADOPTABLE HIGHWAYS AND 900mm IN OTHER TRAFFICKED AREAS IS TO BE CLASS S (I.E. 10-14mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES UP TO 525 Dia AND 20 - 40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525 Dia)
7. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL, ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL, FREE FROM RUBBISH AND ORGANIC MATTER, FROZEN SOIL CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
8. A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT, COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.
9.

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6

10. THIS DRAWING IS PRODUCED FOR PLANNING PURPOSES ONLY.

Revision Details	By / Check	Date	Suffix
-	-	-	-

Drawing Number J02248/A2/001 Revision

16–18 BENNION ROAD
HIGHTOWN
WREXHAM

Drawing Title

PROPOSED DRAINAGE LAYOUT

PRELIMINARY

Scale at A2	Detailed		Approved
1:200			JJM
Drawn	Tech Chk	Det Chk	Date
CWM			07.08.24

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