

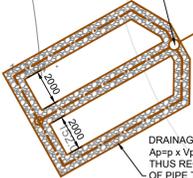
**GENERAL NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEER'S AND OTHER SPECIALISTS' DRAWINGS.
- PLEASE REFER TO ARCHITECTS DRAWINGS FOR FINAL BUILDING LOCATION
- REFER TO DATRY'S DRAWING 21147/502 FOR DRAINAGE DETAILS.
- ALL DRAINAGE COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS & BUILDING REGULATIONS REQUIREMENTS
- AT ALL OUTFALL POINTS TO AN EXISTING NETWORK, THE POSITION AND INVERT LEVEL OF AN EXISTING DRAINS MUST BE CONFIRMED WELL IN ADVANCE OF THE PROGRAMMED DATE FOR INSTALLING ANY OF THE UPSTREAM DRAINAGE, OR ORDERING ANY MATERIALS IN ORDER TO ALLOW TIME FOR ANY NECESSARY REVISIONS TO THE HYDRAULIC DESIGN.**
- ALL GRAVITY PVC-U PIPEWORK TO BE TO BS 4660:2000 OR BS EN 1401-1:2009 WHERE RELEVANT UNLESS NOTED OTHERWISE
- ALL CONCRETE SHALL BE GEN3 WITH SULPHATE RESISTING IN ACCORDANCE WITH BS8500 U.N.O.
- FINAL LOCATIONS AND DETAILS OF SOIL & VENT PIPE, STUB STACKS, RAINWATER DOWN PIPES, GULLYS etc. TO BE CONFIRMED BY REFERENCE TO ARCHITECTS' DRAWINGS
- ALL PIPES INTO MH's TO BE SOFFIT TO SOFFIT LVL U.N.O.
- WHERE CHAMBERS ARE POSITIONED ON 90° CORNERS, ALWAYS USE THE MAIN CHANNEL BY FITTING A 45° BEND ON THE INLET AND OUTLET
- ALL NON ADOPTABLE DOMESTIC FOUL AND SURFACE WATER PIPE RUNS SHALL CONSIST OF 100mm Ø PIPES LAID AT A MINIMUM FALL OF 1 IN 80 U.N.O
- ALL CONNECTIONS FROM HIGHWAY GULLIES TO BE 150mm Ø LAID AT FALLS OF BETWEEN 1:20 & 1:100 WITH TYPE B BED & SURROUND TO ALL CONNECTIONS WHERE MIN 12m COVER IS ACHIEVED, TYPE Z BED & SURROUND TO ALL OTHER CONNECTIONS.
- COVER LEVELS ARE APPROXIMATE AND SHOULD MATCH PROPOSED SURROUNDING LEVELS. CONTRACTOR TO USE OFFICIAL TBMS FOR SETTING OUT.
- CLAUSES (e.g E2.32) REFER TO SEWER FOR ADOPTION 7 OR CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY

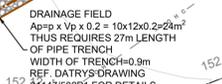
- ALL 100MM DIAMETER SURFACE WATER TO BE LAID AT MINIMUM 1 IN 100 FALLS
- ALL 150MM DIAMETER SURFACE WATER PIPEWORK TO BE LAID AT MINIMUM 1 IN 150 FALLS
- ALL 100MM DIAMETER FOUL PIPEWORK TO BE LAID AT MINIMUM 1 IN 80 FALLS
- ALL FOUL CHAMBERS AROUND PROPERTY TO BE 460MM DIA AND ASSUMED MIN 700MM DEEP WITH B125 COVERS
- ALL S.W CHAMBERS TO BE 460MM DIA AND ASSUME 500MM DEEP AROUND PROPERTY UNLESS IN TRACK WHERE THEY SHOULD BE DEEPEMED TO HAVE 900MM COVER OR CONCRETE SURROUND AND UTILISE A D400 COVER.
- ALL CHAMBERS IN FIELD TO BE 460MM DIA AND ASSUME MIN 900MM COVER WITH D400 COVERS AND A CONCRETE SURFACE SLAB

TRENCH SOAKAWAY LENGTH=12m x WIDTH=8m EFF. DEPTH=1m REF. DATRY'S DRAWING 21147/502P1 FOR SOAKAWAY DETAIL POSITION INFORMATIVE ONLY. MIN 151.39 DISTANCE FROM DRAINAGE FIELD TO BE CONFIRMED BY NRW

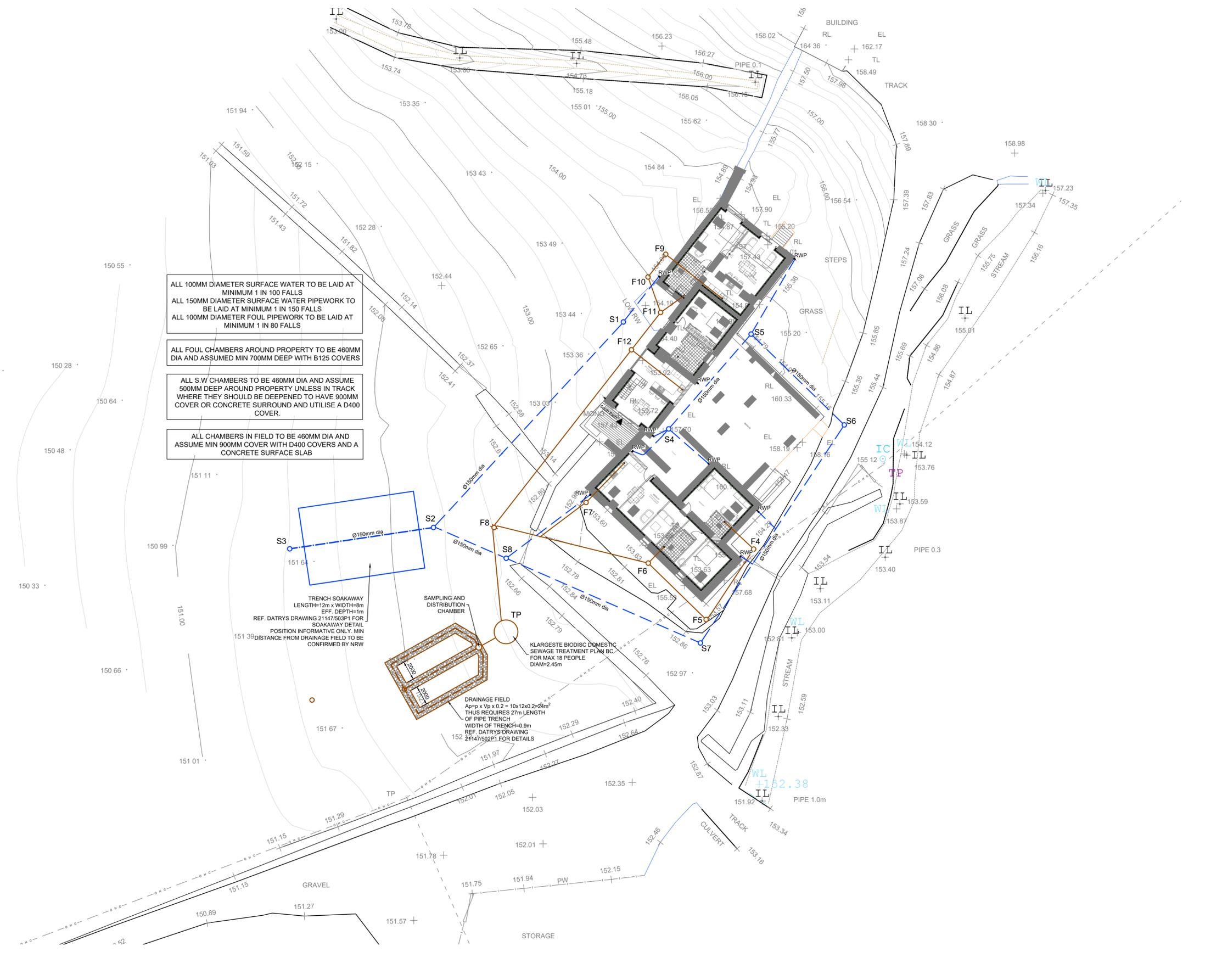
SAMPLING AND DISTRIBUTION CHAMBER



KLARGESTE BIODISC DOMESTIC SEWAGE TREATMENT PLAN BC FOR MAX 18 PEOPLE DIAM=2.45m



DRAINAGE FIELD 4000 x 1000 x 0.2 = 10x12x0.2=24m³ THUS REQUIRES 27m LENGTH OF PIPE TRENCH WIDTH OF TRENCH=0.3m REF. DATRY'S DRAWING 21147/502P1 FOR DETAILS



**KEY**

- PROPOSED SURFACE WATER DRAINAGE AND CHAMBER
- PROPOSED FOUL SEWER AND CHAMBER
- PROPOSED RAINWATER PIPE
- PROPOSED LAND DRAIN

PS	30.11.23	LAYOUT AMENDED TO NRW COMMENTS	LI	AC	AC
REV	DATE	DESCRIPTION	BY	CHK	APP

CLIENT  
**Arwel Griffith**

PROJECT  
**Bron Fedw Uchaf**

TITLE  
**Drainage Scheme**

**DATRY'S**  
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DRAWN AA	CHECKED JA	PASSED AC
DATE 01.09.22	CLIENT'S REF.	
SCALE AT A1 1:200	AUTOCAD REF. 21147/501	
DRAWING No. 21147/SK01	REVISION P5	