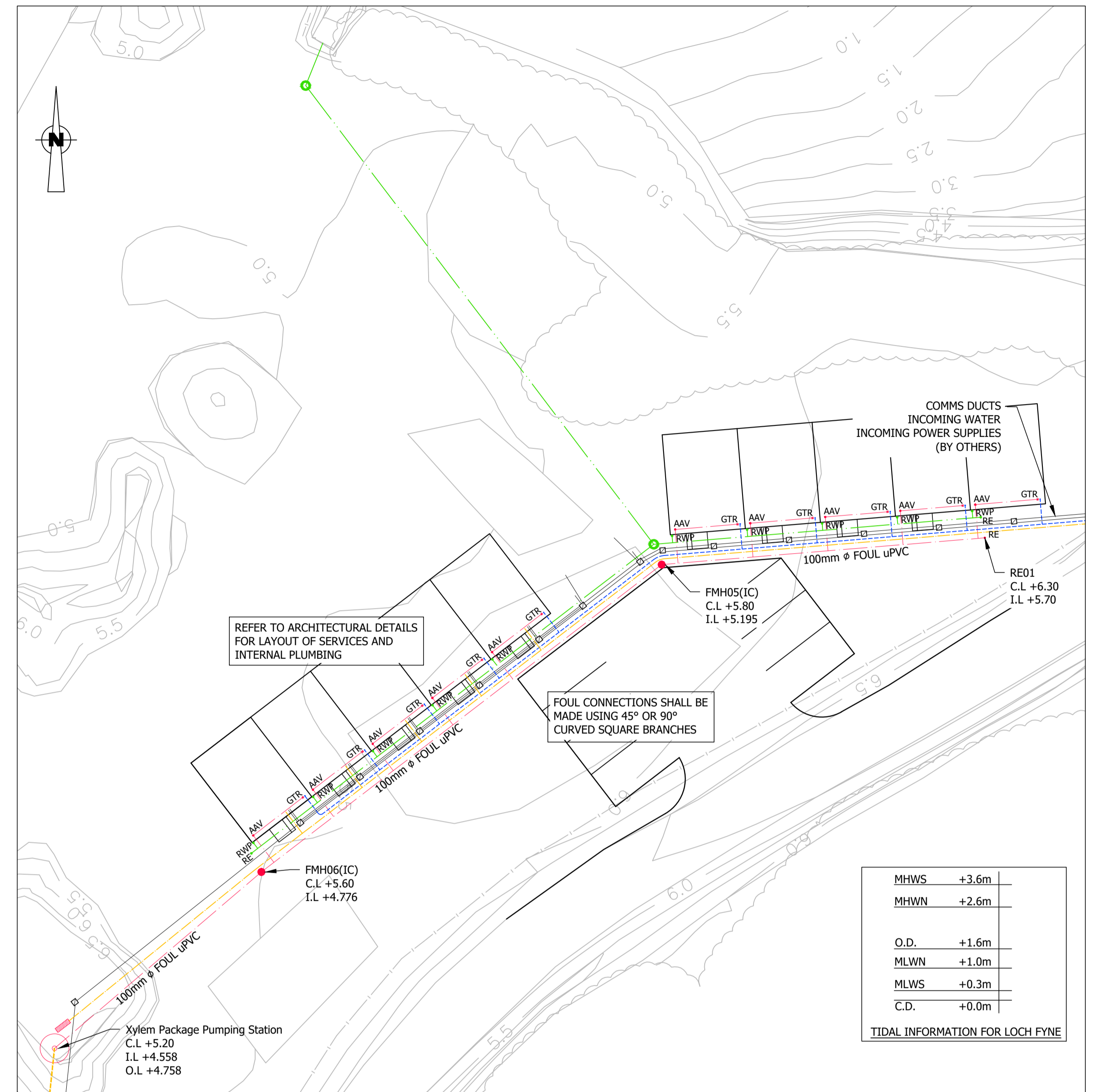
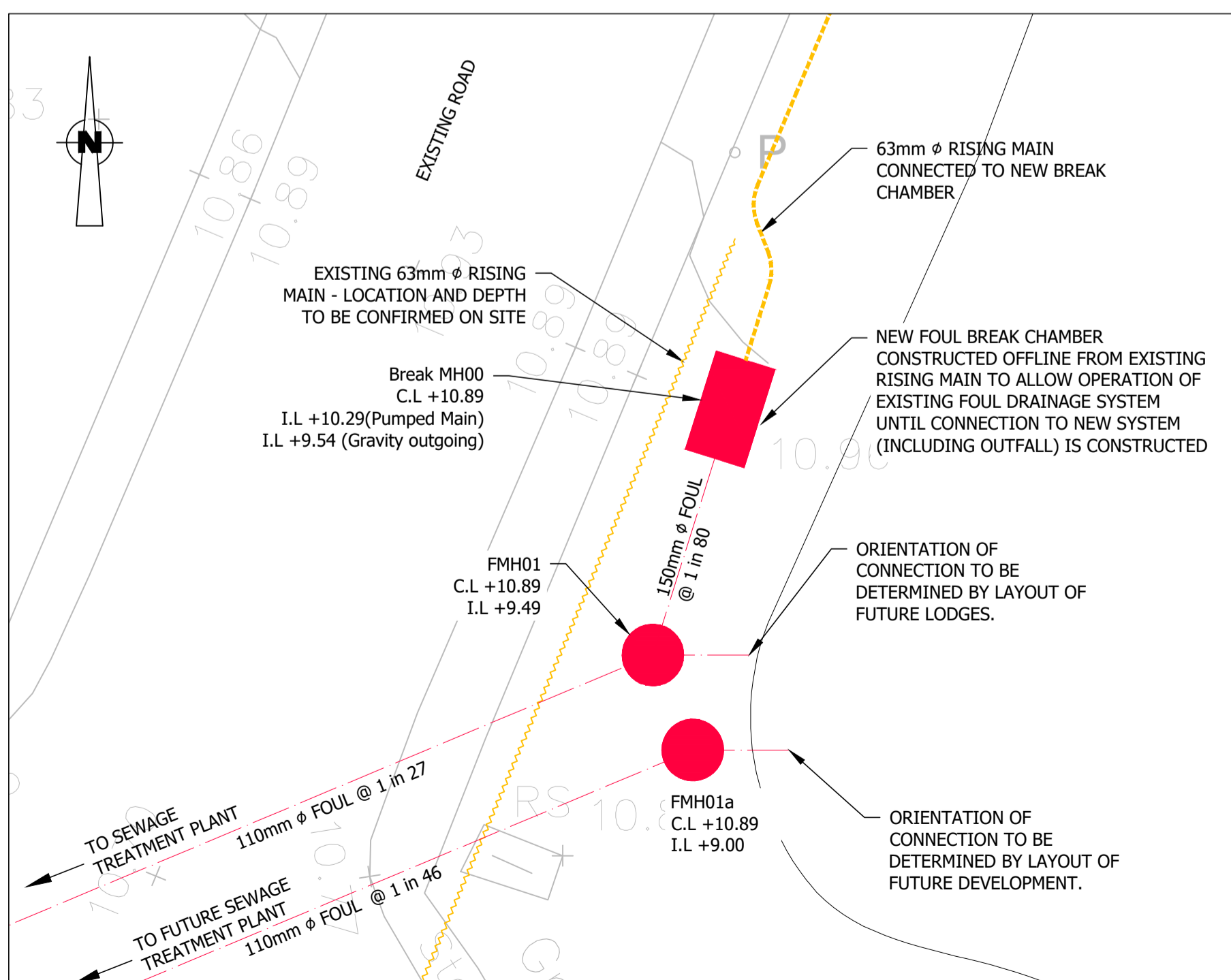


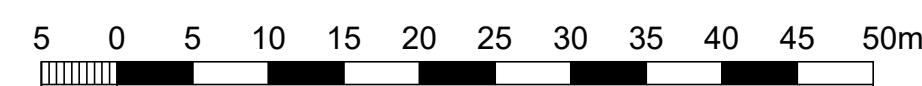
OVERALL DRAINAGE PLAN
SCALE 1:500



PLAN VIEW AT PROPOSED MODULAR ACCOMMODATION (ISOSPACE WORKS)
SCALE 1:200

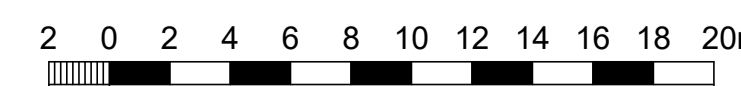


PLAN VIEW AT EXISTING RISING MAIN TIE IN
SCALE 1:100

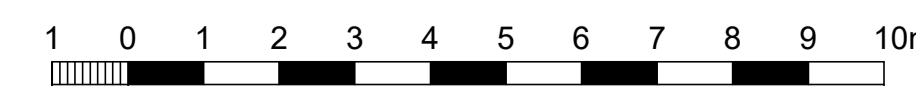


SCALE 1:500

SCALE 1:250



SCALE 1:100



CONSTRUCTION DRAWING

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE TO CHART DATUM UNLESS STATED OTHERWISE.
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS.
- EXISTING DRAINAGE LAYOUT HAS BEEN REPRODUCED FROM SERVICES PLANS RECEIVED FROM OTHERS.
- ARCH HENDERSON ACCEPT NO LIABILITY FOR THE ACCURACY OF EXISTING DRAINAGE INFORMATION.
- CONTRACTORS TO REFER TO ANY EXISTING UTILITIES PLANS AND SCAN ALL AREAS PRIOR TO CARRYING OUT ANY EXCAVATIONS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION AND SEWERS FOR SCOTLAND 4th EDITION.
- CONNECTION TO MODULAR BUILDINGS TO BE CONFIRMED.
- ALL SEWER PIPES TO BE THERMOPLASTIC STRUCTURED WALL SEWER PIPE IN ACCORDANCE WITH WIS 4-35-01.
- ALL WORKS DOWNSTREAM AND SOUTH OF THE PROPOSED PUMPING FOUL STATION TO BE CO-ORDINATED WITH THE MODULAR ACCOMMODATION
- THERMOPLASTIC STRUCTURED WALL SEWER PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 13476-1, WIS 4-35-01 AND BS EN 13476-2 OR BS EN 13476-3 WITH THE FOLLOWING PROPERTIES;
 - MAXIMUM LENGTH OF PIPE FOR LAYING TO BE 3m OR 10x D, WHICHEVER IS THE GREATER, UNLESS WELDED JOINTS ARE USED;
 - PIPE NOMINAL SHORT-TERM RING STIFFNESS TO BE NOT LESS THAN 8kN PER M² FOR PIPES LESS THAN OR EQUAL TO 500mm IN DIAMETER;
 - PIPE NOMINAL SHORT-TERM RING STIFFNESS TO BE NOT LESS THAN 2kN PER M² FOR PIPES GREATER THAN 500mm IN DIAMETER;
 - LONG-TERM DEFORMATION TO BE LESS THAN 6% OF THE VERTICAL NOMINAL PIPE DIAMETER;
 - FACTOR OF SAFETY AGAINST BUCKLING TO BE NOT LESS THAN 2.5;
 - PIPES SHALL BE BSI KITEMARKED OR HAVE EQUIVALENT THIRD PARTY CERTIFICATION.
- TRANSPORTATION, HANDLING, STORAGE AND LAYING ARE TO BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- PIPE BEDDING TO BE TO CLAUSE 4.5.2 OF SEWERS FOR SCOTLAND 4th EDITION.
- REFER TO DRAWING 211037-002 FOR DRAINAGE CONSTRUCTION DETAILS.
- INSTALLATION OF SEWAGE TREATMENT PLANTS TO BE STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

INSTALLATION "ISOSPACE" WORKS

| | | | | |
|-----|----------|--|-----|-----|
| C3 | 27/07/22 | Length of outfall updated per SEPA comments. | KF | TCY |
| C2 | 01/06/22 | Outfall detail reference added. | KF | TCY |
| C1 | 03/05/22 | Issued for CONSTRUCTION. | KF | KF |
| REV | DATE | REVISION | DRN | CHK |

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Arch Henderson 1919

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PROJECT :
Portavadie Estates Foul Drainage Infrastructure

TITLE :
Proposed Foul Drainage Layout

| | | | |
|---------------------------|-----------------|-------------------------------|-----------------|
| DRAWN : KF | DATE : 31/01/22 | CHECKED : TCY | DATE : 31/01/22 |
| SCALE : (A1) | As Shown | DRAWING STATUS : CONSTRUCTION | |
| DRAWING No : 211037 - 001 | | | REV : C3 |