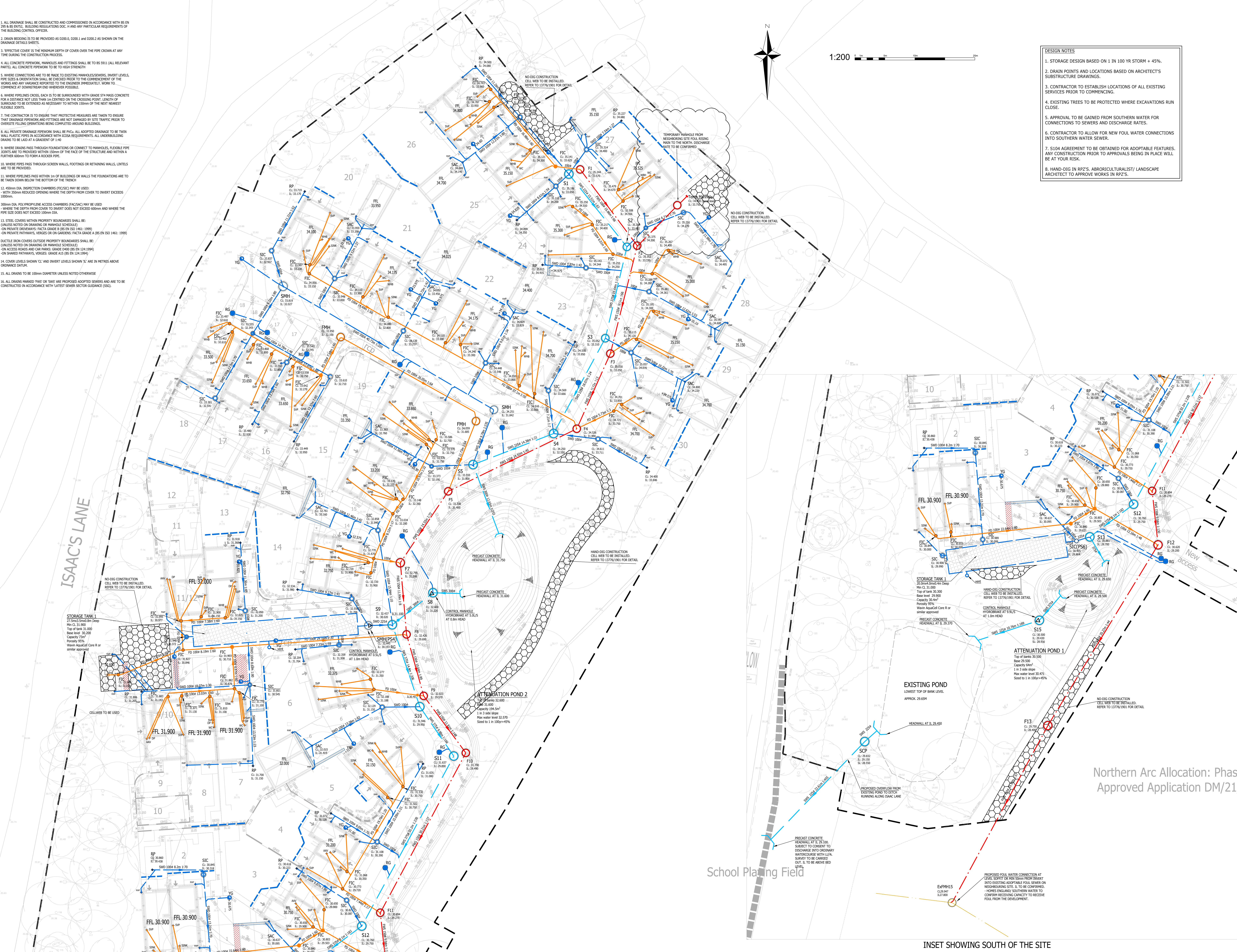


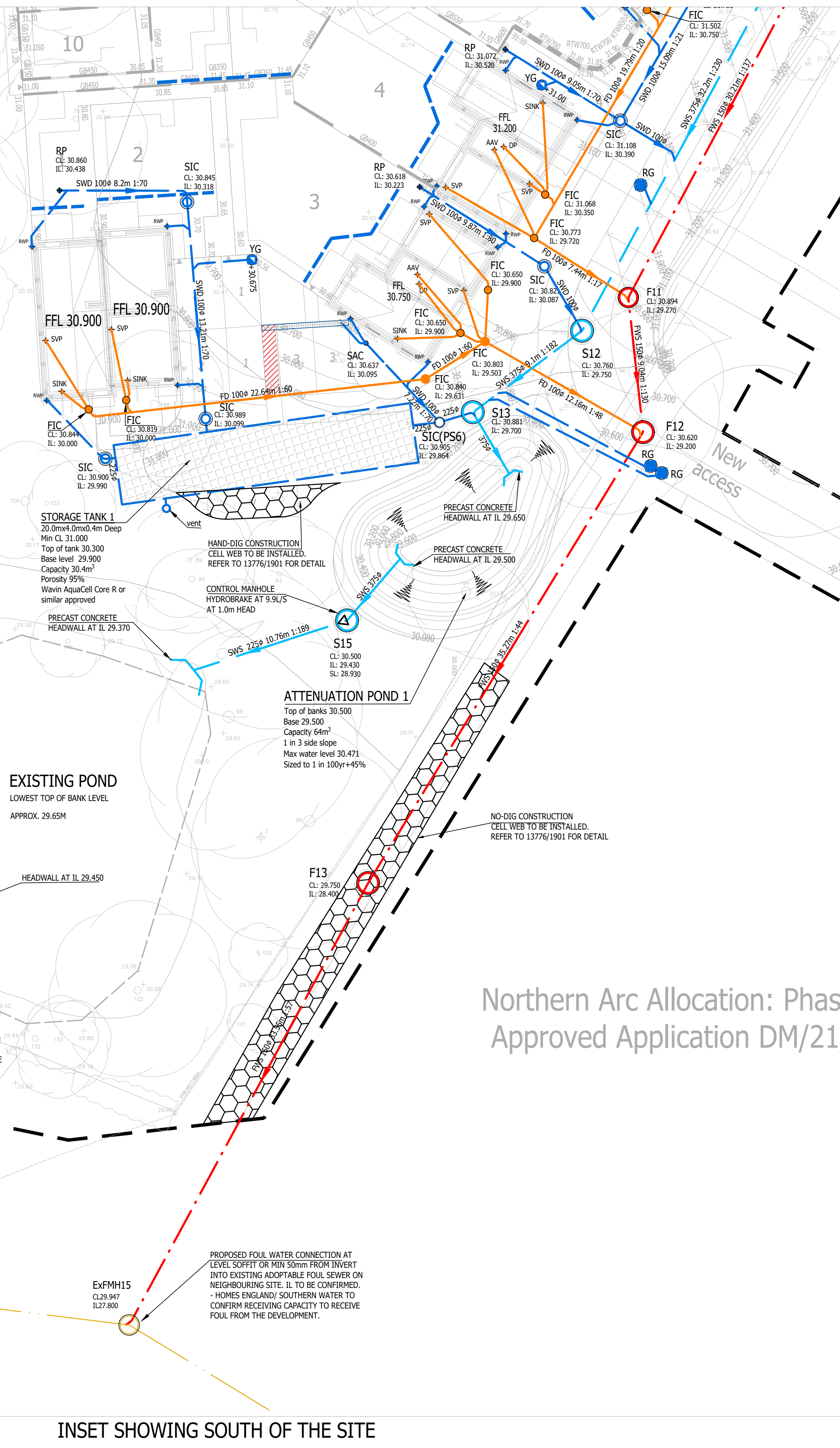
1. ALL DRAINAGE SHALL BE CONSTRUCTED AND COMPRESSED IN ACCORDANCE WITH BS EN 265 & BS EN 262, BUILDING REGULATIONS DOC. H AND ANY PARTICULAR REQUIREMENTS OF THE BUILDING CONTROL OFFICE.
2. DRAIN BEDDING IS TO BE PROVIDED AS D200, D300, D400 & D500 AS SHOWN ON THE DRAINAGE DETAILS SHEETS.
3. EFFECTIVE COVER IS THE MINIMUM DEPTH OF COVER OVER THE PIPE CROWN AT ANY TIME DURING THE CONSTRUCTION PROCESS.
4. ALL CONCRETE PIPEWORK, MANHOLES AND FITTINGS SHALL BE TO BS 5911 (ALL RELEVANT PARTS). ALL CONCRETE PIPEWORK IS TO BE TO HIGH STRENGTH.
5. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS, PIPE SIZES & ORIENTATION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY. WORK TO COMMENCE AT DOWNSTREAM END WHEREVER POSSIBLE.
6. WHERE PIPELINES CROSS, EACH IS TO BE SURROUNDED WITH GRADE 5/4 MASS CONCRETE FOR A DISTANCE NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. LENGTH OF SURROUNDING TO BE EXTENDED AS NECESSARY TO WITHIN 100mm OF THE NEXT MARKET FLEXIBLE JOINTS.
7. THE CONTRACTOR IS TO ENSURE THAT PROTECTIVE MEASURES ARE TAKEN TO ENSURE THAT DRAINAGE PIPEWORK AND FITTINGS ARE NOT DAMAGED BY SITE TRAFFIC PRIOR TO OVERSITE FILLING OPERATIONS BEING COMPLETED AROUND BUILDINGS.
8. ALL PRIVATE DRAINAGE PIPEWORK SHALL BE PVC-U, ALL ADOPTED DRAINAGE TO BE WITHIN WALL PLASTIC PIPES IN ACCORDANCE WITH C254 REQUIREMENTS. ALL UNDERBUILDING DRAINS TO BE LAID AT A GRADIENT OF 1:40.
9. WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, FLEXIBLE PIPE JOINTS ARE TO BE PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 600mm TO FORM A ROCKER PIPE.
10. WHERE PIPES PASS THROUGH SCREEN WALLS, FOOTINGS OR RETAINING WALLS, LINTELS ARE TO BE PROVIDED.
11. WHERE PIPELINES PASS WITHIN 1m OF BUILDINGS OR WALLS THE FOUNDATIONS ARE TO BE TAKEN DOWN BELOW THE BOTTOM OF THE TRENCH.
12. 450mm DIA. INSPECTION CHAMBERS (FIC/SIC) MAY BE USED:  
- WITH 350mm REDUCED OPENING WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 1000mm.
- 300mm DIA. POLYPROPYLENE ACCESS CHAMBERS (FAC/SAC) MAY BE USED  
- WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 600mm AND WHERE THE PIPE SIZES DOES NOT EXCEED 150mm DIA.
13. STEEL COVERS WITHIN PROPERTY BOUNDARIES SHALL BE:  
(UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)  
- ON PRIVATE DRIVEWAYS, FACTA GRADE 8 (BS EN ISO 1461: 1999)  
- ON PRIVATE PATHWAYS, VERGES OR ON GARDENS, FACTA GRADE A (BS EN ISO 1461: 1999)  
DUCTILE IRON COVERS OUTSIDE PROPERTY BOUNDARIES SHALL BE:  
(UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)  
- ON ACCESS ROADS AND CAR PARKS, GRADE D400 (BS EN 124:1994)  
- ON SHARED PATHWAYS, VERGES, GRADE A15 (BS EN 124:1994)
14. COVER LEVELS SHOWN 'CL' AND INVERT LEVELS SHOWN 'IL' ARE IN METRES ABOVE ORIGINATE DATUM.
15. ALL DRAINS TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
16. ALL DRAINS MARKED 'PWS' OR 'WHS' ARE PROPOSED ADOPTED SEWERS AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST SEWER SECTOR GUIDANCE (SSG).



- DESIGN NOTES**
1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 45%.
2. DRAIN POINTS AND LOCATIONS BASED ON ARCHITECT'S SUBSTRUCTURE DRAWINGS.
3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
5. APPROVAL TO BE GAINED FROM SOUTHERN WATER FOR CONNECTIONS TO SEWERS AND DISCHARGE RATES.
6. CONTRACTOR TO ALLOW FOR NEW FOUL WATER CONNECTIONS INTO SOUTHERN WATER SEWER.
7. S104 AGREEMENT TO BE OBTAINED FOR ADOPTABLE FEATURES. ANY CONSTRUCTION PRIOR TO APPROVALS BEING IN PLACE WILL BE AT YOUR RISK.
8. HAND-DIG IN RP2'S. ARBORICULTURALIST/ LANDSCAPE ARCHITECT TO APPROVE WORKS IN RP2'S.

- GENERAL NOTES**
1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non-intrusive observations, record drawings or the like. The contractor shall carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
2. Tender or billing drawings shall not be used for construction or the ordering of materials.
3. Do not scale. All dimensions and levels to be site confirmed.
4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
5. Copyright: This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made available due to the client proceeding prior to these approvals is considered wholly at the Client's risk. gta hold no responsibility for resulting adverse works or costs.
7. If viewing this drawing as an AutoCAD file (dwg) in digital format then it is done so with this Disclaimer due to the fact that it can be altered and manipulated following its issue by GTA Civils & Transport and therefore, any alteration or modification of DWG data files provided by GTA Civils & Transport, by you or a third party, without GTA Civils & Transport's express written approval is done so entirely at your own risk. Modification includes (but is not limited to) turning layers on and off, unfreezing layers and redefining, turning on and off point functions and unloading a view.
8. Your attention is also drawn to the fact that the information contained within this file may be subject to alteration at any time, pending technical approval from an approving authority or at the client's instruction. It is therefore strongly recommended that multiple and regular cross-checks are made against the current contract drawings.
9. It is your responsibility to ensure that the correct issue or revision of the DWG data file is being used and requests for updated information made accordingly.
9. Should any apparent discrepancies between the data contained within the DWG file and the current contract drawings become evident, it must be reported back to GTA Civils & Transport as soon as reasonably practicable. Precedence should be given to the current contract drawings (PDF) unless advised otherwise.

- KEY**
- Existing Foul Drainage
  - Adoptable Foul Drainage S104
  - Adoptable Storm Drainage S104
  - Private Storm Drainage
  - Private Foul Drainage
  - Adoptable Foul Manhole
  - Private Foul Manhole
  - Adoptable Storm Manhole S104
  - Private Storm Manhole
  - SIC 450 Storm Plastic Reduced Cover IC
  - SIC 450 Storm Plastic Inspection Chamber
  - SAC 300mm Storm Water Access Chamber
  - FIC 450 Foul Plastic Reduced Cover IC
  - FIC 450 Foul Plastic Inspection Chamber
  - RP Storm Water Rodding Point
  - SWP Soil and Vent Pipe
  - SS Stub Stack or Direct Drain Connection
  - RWP Rain Water Pipe
  - RG Private Road Gully
  - YG Private Yard Gully
  - Huron Channel Drain
  - Direction of Fall
  - Land Drain
  - Cellular Storage Tank
  - Cellweb - Refer to 13776/1601 for detail



Northern Arc Allocation: Phas  
Approved Application DM/21

|                                                                                                                   |                                                |             |       |         |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------|-------|---------|
| T2                                                                                                                | FOUL RUN ADDED TO NORTH FROM NEIGHBOURING SITE | 28.07.25    | AE    | GK      |
| T1                                                                                                                | FIRST TENDER ISSUE                             | 28.07.25    | AE    | GK      |
| Rev                                                                                                               | Amendments                                     | Date        | Drawn | Checked |
| Status                                                                                                            |                                                |             |       |         |
| Client                                                                                                            |                                                |             |       |         |
| Bellway                                                                                                           |                                                |             |       |         |
| BELLWAY SOUTH LONDON                                                                                              |                                                |             |       |         |
| Architect                                                                                                         |                                                |             |       |         |
| Project                                                                                                           |                                                |             |       |         |
| WOODFIELD HOUSE BURGESS HILL                                                                                      |                                                |             |       |         |
| Title                                                                                                             |                                                |             |       |         |
| DRAINAGE LAYOUT                                                                                                   |                                                |             |       |         |
| Date                                                                                                              | JULY 25                                        | Scale       | B A0  |         |
| Client Ref                                                                                                        |                                                | Project Ref | 13776 |         |
| Client's Ref                                                                                                      |                                                |             |       |         |
| gta Civils & Transport                                                                                            |                                                |             |       |         |
| Maple House, 192-198 London Road, Burgess Hill, West Sussex, BN15 9BD. Tel: 01444 871444 Web: www.gtacivils.co.uk |                                                |             |       |         |
| Drawing Number                                                                                                    | 13776/1601                                     | Rev         | T2    |         |