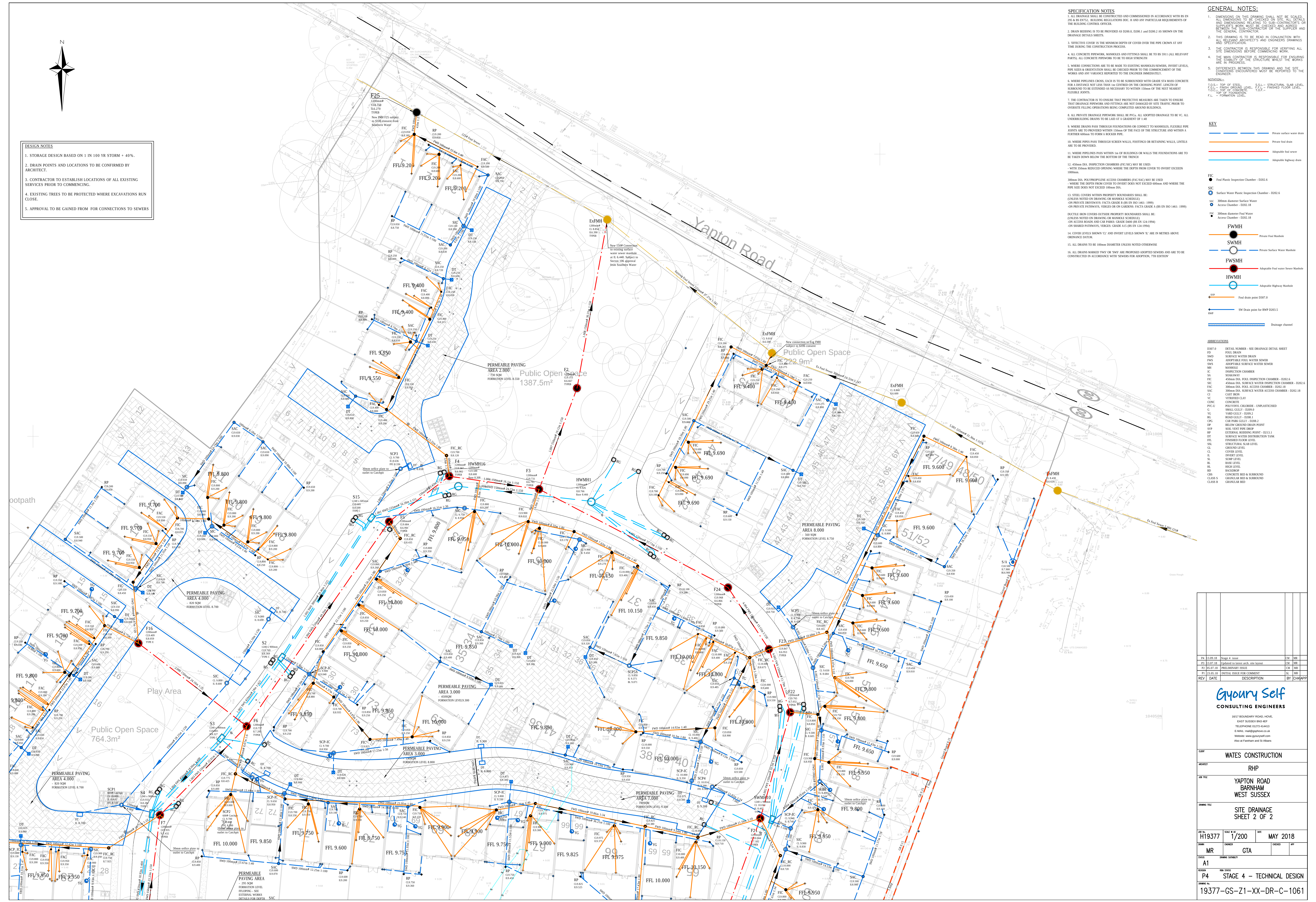




- DESIGN NOTES**
1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
 2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
 3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
 4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
 5. APPROVAL TO BE GAINED FROM FOR CONNECTIONS TO SEWERS

SPECIFICATION NOTES

1. ALL DRAINAGE SHALL BE CONSTRUCTED AND COMMISSIONED IN ACCORDANCE WITH BS EN 298 & BS EN 12252. BUILDING REGULATIONS DOC. H AND ANY PARTICULAR REQUIREMENTS OF THE BUILDING CONTROL OFFICER.
2. DRAIN BEDDING IS TO BE PROVIDED AS D200.0, D200.1 AND D200.2 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 TO BE TO HIGH STRENGTH.
5. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS, PIPE SIZES & ORIENTATIONS SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY.
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. LINCH OF SUBGRADE TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 500mm TO FORM A ROCKER PIPE.
7. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
8. THE MAIN CONTRACTOR IS RESPONSIBLE FOR ENSURING ARE & PROTECTS THE STRUCTURE WHILE THE WORKS ARE ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.
9. WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, FLEXIBLE PIPE JOINTS ARE TO PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 500mm TO FORM A ROCKER PIPE.
10. WHERE PIPES PASS THROUGH SCREEN WALLS, FOOTINGS OR RETAINING WALLS, UNTELS 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. 400mm DIA. PROTECTION CHAMBERS (PAC) MAY BE USED - WITH 300mm REDUCED OPENING WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 1000mm.
13. STEEL COVERS WITHIN PROPERTY BOUNDARIES SHALL BE: (UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)
- ON PRIVATE DRIVEWAYS: FACTA GRADE B (BS EN 1041:1999)
- ON PRIVATE PATHWAYS, VERGES OR ON GARDENS: FACTA GRADE A (BS EN 1041:1999)
- ON SHARED PATHWAYS, VERGES: GRADE A15 (BS EN 1241994)
14. COVER LEVELS SHOWN 'C' AND INVERT LEVELS SHOWN 'I' ARE IN METRES ABOVE ORDNANCE DATUM.
15. ALL DRAINS TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
16. ALL DRAINS MARKED TWO OR SWS ARE PROPOSED ADAPTED SEWERS AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SOWERS FOR ADOPTION, 7TH EDITION.

GENERAL NOTES:

1. DIMENSIONS ON THIS DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DIMENSIONS RELATING TO SUB-CONTRACTORS OR THE SUPPLIER'S WORK MUST BE CHECKED AND AGREED BETWEEN THE SUB-CONTRACTOR OR THE SUPPLIER AND THE GENERAL CONTRACTOR.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
4. THE MAIN CONTRACTOR IS RESPONSIBLE FOR ENSURING ARE & PROTECTS THE STRUCTURE WHILE THE WORKS ARE ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.
5. DIFFERENCES BETWEEN THIS DRAWING AND THE SITE ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.

NOTATIONS:

F.F.L. = FINISHED FLOOR LEVEL
F.G.L. = FINISHED GROUND LEVEL
F.O.P. = FINISHED OVERHEAD POINT
F.L. = FINISHED LEVEL
F.L. = FINISHED LEVEL

KEY

- Private surface water drain
- Private Soil drain
- Adaptable soil sewer
- Adaptable highway drain

FWMH
Private Foot Manhole

SWMH
Private Surface Water Manhole

FWSMH
Adaptable Foot water Sewer Manhole

HWMH
Adaptable Highway Manhole

SW
Foot drain point D207.0

SW
SW Drain point for RWP D203.5

Drainage channel

ABBREVIATIONS

D207.0 DETAIL NUMBER - SEE DRAINAGE DETAIL SHEET

FD FOOT DRAIN
SWS SURFACE WATER DRAIN
PWS ADAPTABLE FOOT WATER SEWER
SWS ADAPTABLE SURFACE WATER SEWER
MH MANHOLE
IC INSPECTION CHAMBER
SA SANDWASIT
IC 450mm DIA. POLYPROPYLENE INSPECTION CHAMBER - D202.6
SIC 450mm DIA. SURFACE WATER INSPECTION CHAMBER - D202.6
300mm DIA. POLYPROPYLENE ACCESS CHAMBER - D202.18
300mm DIA. SURFACE WATER ACCESS CHAMBER - D202.18
CLASS 5
CLASS 5
CLASS 5
CLASS 5

Gyory Self
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Also at Farnham and St Albans

WATES CONSTRUCTION

RHP

**YAPTON ROAD
BARNHAM
WEST SUSSEX**

**SITE DRAINAGE
SHEET 2 OF 2**

Rev: H19377 Date: 1/200 Date: MAY 2018

MR CTA

STAGE 4 - TECHNICAL DESIGN

19377-GS-Z1-XX-DR-C-1061