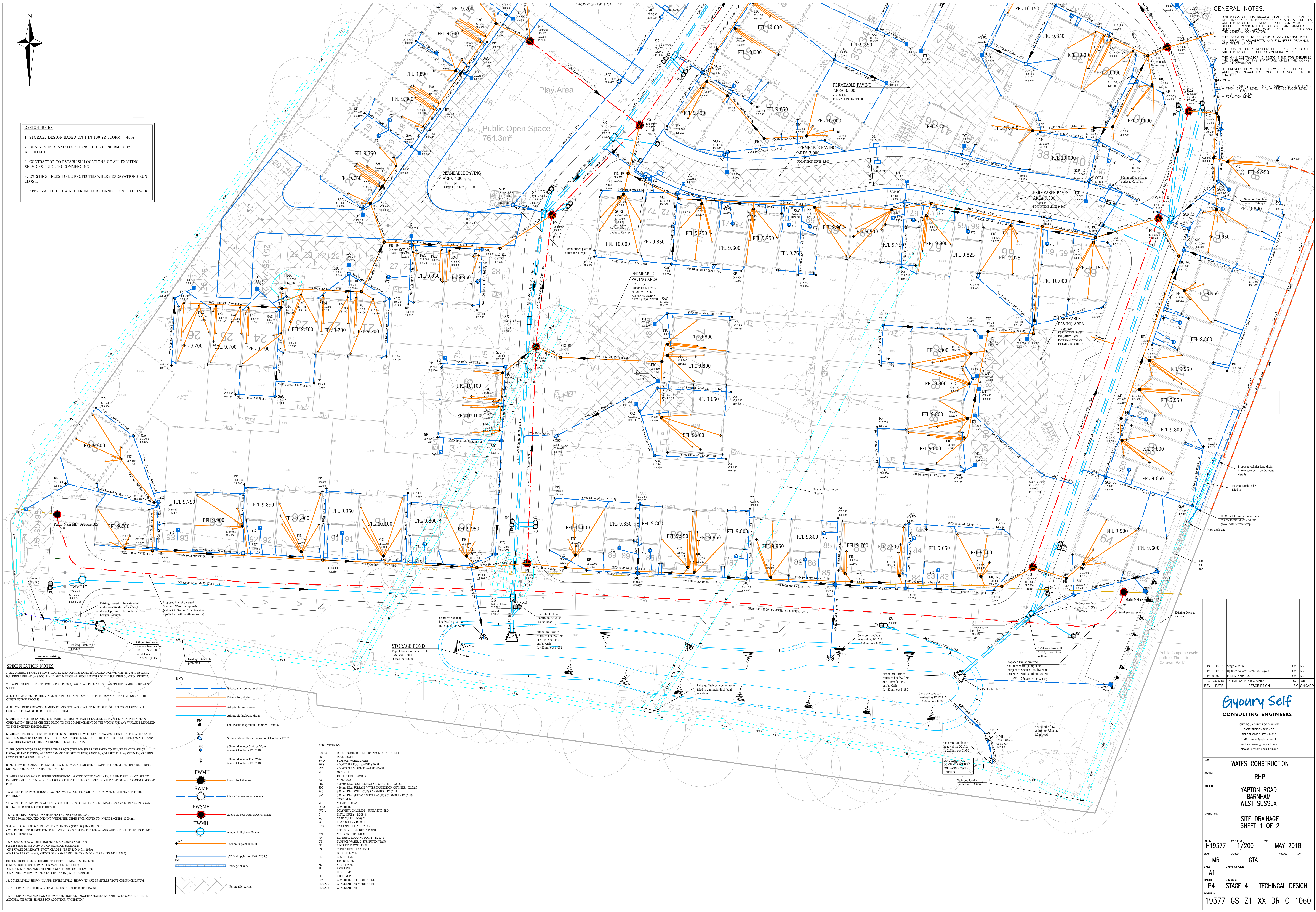
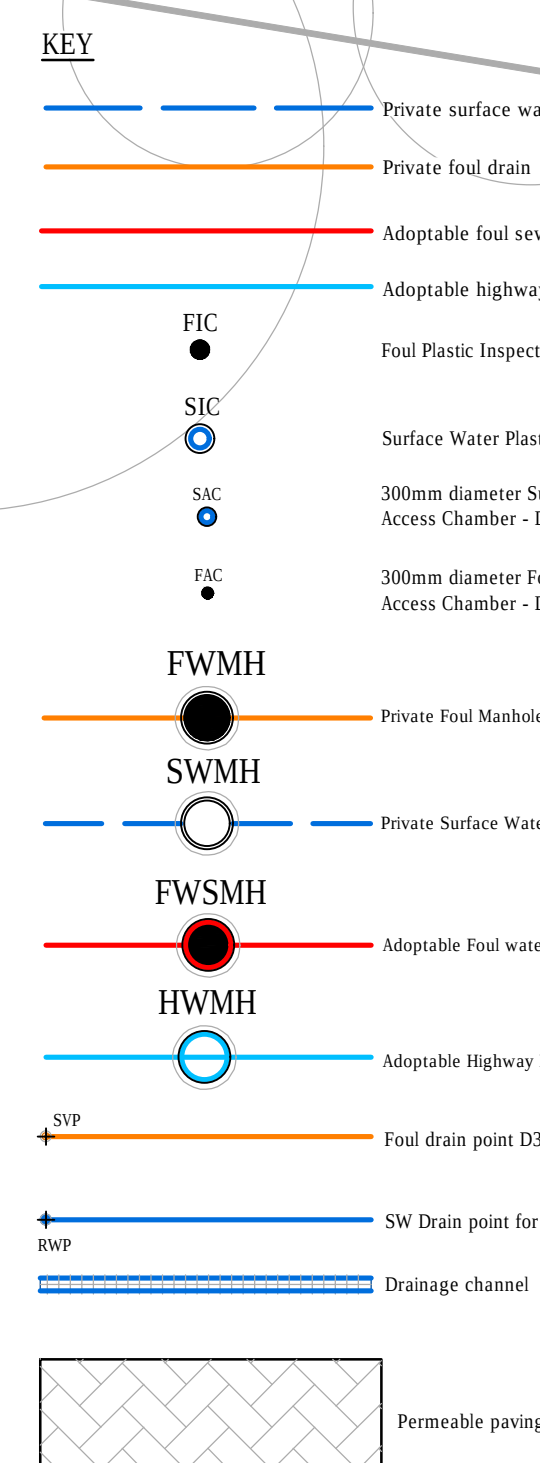


- DESIGN NOTES**
1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
 2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
 3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
 4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
 5. APPROVAL TO BE GAINED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

- GENERAL NOTES:**
1. DIMENSIONS ON THIS DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DIMENSIONS RELATING TO SUB-CONTRACTOR'S OR SUPPLIER'S WORK MUST BE CHECKED AND AGREED BY THE CONTRACTOR.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEERS DRAWINGS AND SPECIFICATION.
 3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
 4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE STRUCTURE WHICH THE WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE DIMENSIONS ENCOUNTERED MUST BE REPORTED TO THE ENGINEER.
- NOTATION:**
- | | | |
|---------|--------------------|--------------------------------|
| STATION | TOP OF STEEL | F.S.L. - STRUCTURAL SLAB LEVEL |
| CL | FINISH GRADE LEVEL | F.F.L. - FINISHED FLOOR LEVEL |
| IC | FORMATION LEVEL | |



- SPECIFICATION NOTES**
1. ALL DRAINAGE SHALL BE CONSTRUCTED AND COMMISSIONED IN ACCORDANCE WITH BS EN 259 & BS EN 752, BUILDING REGULATIONS DOC. H AND ANY PARTICULAR REQUIREMENTS OF THE BUILDING CONTROL OFFICER.
 2. DRAIN BENDING 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 IS TO BE TO ROAD 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.
 6. WHERE PIPELINES CROSS, EACH IS TO BE SUBORDINATE WITH GRADE STAFF MASS CONCRETE FOR A DISTANCE NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. LENGTH OF SUBORDINATE TO BE EXTENDED AS NECESSARY TO WITHIN 150mm OF THE NEXT NEAREST 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 COMPLETION OF THE WORKS BEING COMPLETED AROUND BUILDINGS.
 8. ALL PRIVATE DRAINAGE PIPEWORK SHALL BE PCC. ALL ADOPTED DRAINAGE TO BE VC. ALL UNDERBUILDING DRAINS TO BE LAID AT A GRADIENT OF 1:40.
 9. WHERE DRAINS PASS THROUGH SCREEN WALLS, FOOTINGS OR RETAINING WALLS, LINTELS ARE TO BE PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 600mm TO FORM A ROCKED 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. 400mm DIA. INSPECTION CHAMBERS (FIC/SIC) MAY BE USED - WITH 150mm RECESSED OPENING WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 1000mm.
 13. 300mm DIA. POLYPROPYLENE ACCESS CHAMBERS (FIC/SIC) MAY BE USED - WHERE THE DEPTH FROM COVER TO INVERT DOES NOT EXCEED 600mm AND WHERE THE PIPE SIZE DOES NOT EXCEED 100mm DIA.
 14. COVER LEVELS SHOWN 'CL' AND INVERT LEVELS SHOWN 'IL' ARE IN METRES ABOVE ORDNANCE DATUM.
 15. ALL DRAINS TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
 16. ALL DRAINS MARKED 'TWS' OR 'TWS' ARE PROPOSED ADOPTED SEWERS AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION, 7TH EDITION.



- ABBREVIATIONS**
- | | |
|--------|--|
| D202.0 | DETAIL NUMBER - SEE DRAINAGE DETAIL SHEET |
| FD | FOUL DRAIN |
| SWD | SURFACE WATER DRAIN |
| FWS | ADOPTABLE FOUL WATER SEWER |
| SWS | ADOPTABLE SURFACE WATER SEWER |
| MH | MANHOLE |
| IC | INSPECTION CHAMBER |
| SA | 300mm DIA. Foul Inspection Chamber - D202.6 |
| FIC | 400mm DIA. Surface Water Inspection Chamber - D202.6 |
| SIC | 100mm DIA. Foul Access Chamber - D202.18 |
| SAC | 100mm DIA. Surface Water Access Chamber - D202.18 |
| CI | CAST IRON |
| UT | UTTERLY LAY |
| CONC | CONCRETE |
| PVC-U | POLY(VINYL CHLORIDE) UNPLASTICISED |
| Y | SMALL GULLY - D202.0 |
| YB | SMALL GULLY - D202.2 |
| RG | ROAD GULLY - D202.2 |
| CP | CAR PARK GULLY - D202.2 |
| DP | BELOW GROUND DRAIN POINT |
| SVP | SOIL VENT PIPE DRAIN |
| EP | EXTERNAL HOODING POINT - D202.1 |
| FW | SURFACE WATER DISTRIBUTION TANK |
| FL | FINISHED FLOOR LEVEL |
| SL | STRUCTURAL SLAB LEVEL |
| GL | GROUND LEVEL |
| IL | INVERT LEVEL |
| SL | SUMP LEVEL |
| BL | BASE LEVEL |
| HL | HIGH LEVEL |
| HD | HATCHDOOR |
| CRS | CONCRETE BED & SUBGRADE |
| CLS | CLASS 8 |
| CLS B | CLASS 8 |

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REV	DATE	DESCRIPTION	BY	CHKD
1	13.05.18	Stage 4 issue	CM	MR
2	13.07.18	Updated to latest arch. site layout	CM	MR
3	05.07.18	PRELIMINARY ISSUE	CM	MR
4	11.05.18	INTENT: ISSUE FOR COMMENT	SL	MR

WATES CONSTRUCTION

RHP

YAPTON ROAD BARNHAM WEST SUSSEX

SITE DRAINAGE SHEET 1 OF 2

DRW NO: H19377 SCALE: 1/200 DATE: MAY 2018

DRW: MR CHECKED: CTA

STAGE: A1

REVISION: P4 STAGE 4 - TECHNICAL DESIGN

19377-GS-Z1-XX-DR-C-1060