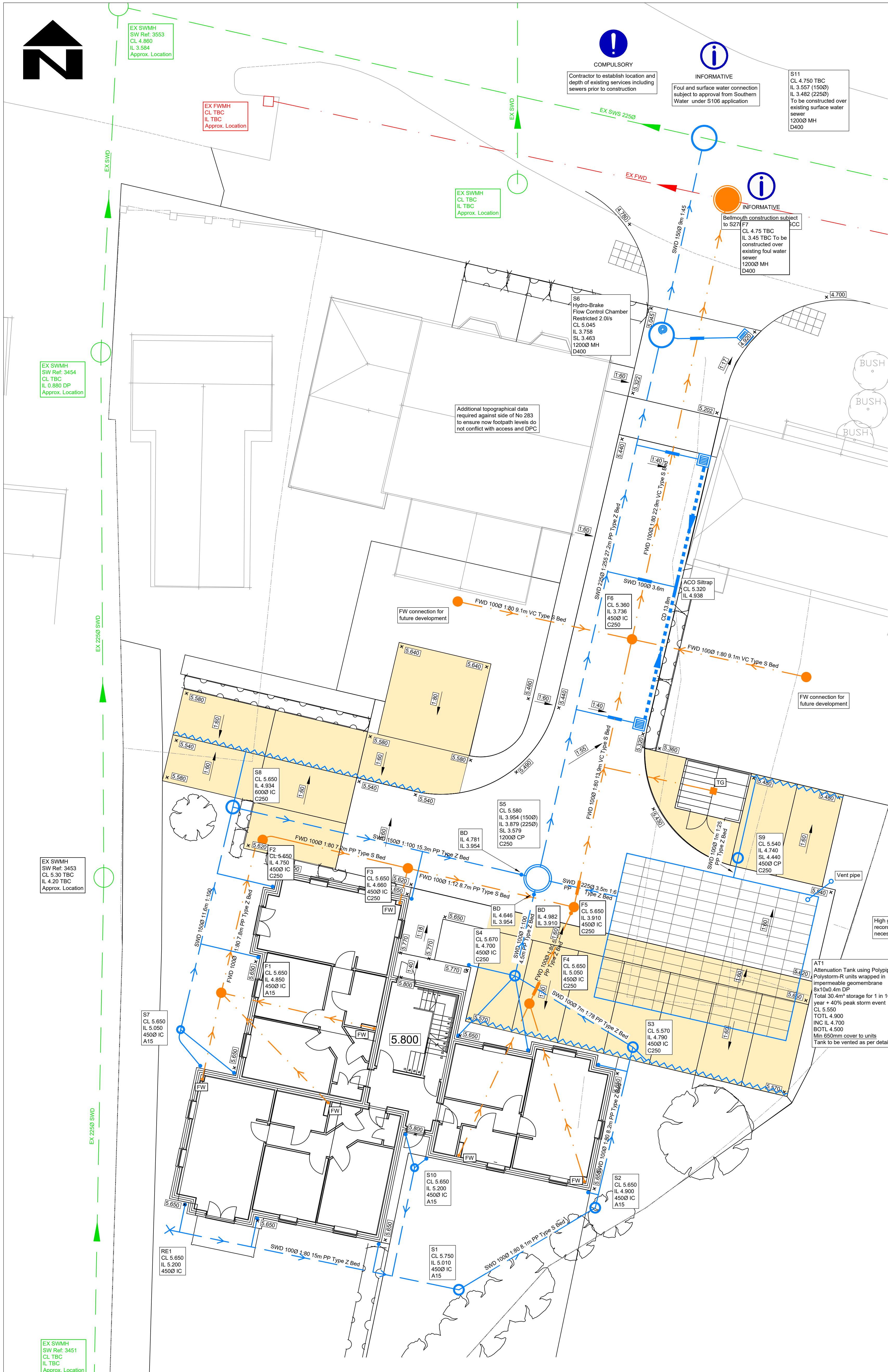




DRAINAGE LEGEND (1:100)

EXISTING FEATURES

- Existing foul water sewer/drain and manhole
- Existing surface water sewer/drain and manhole
- Existing foul/surface water sewer/drain and manhole to be abandoned

PROPOSED FEATURES

- Storm water sewer/drain
- Storm water Rising Main
- Fin Drain
- Channel drain (Hauraton Monotec Type 230 C250)
- RWP
- Road gully
- Storm water access chamber (3000)
- Storm water inspection chamber (4500)
- Storm water inspection chamber (6000)
- Storm Water package pump station
- Geocellular Attenuation Tank
- Area of infiltrating porous paving
- Foul water sewer/drain
- Pipe crossing - Thick line denotes pipe above
- Soil stack (type TBC by architect/m&e engineer)
- Foul water access chamber (3000)
- Foul water inspection chamber (4500)
- Foul water trapped gully
- Finished floor level
- PIPE INFO - DIAMETER, LENGTH, GRADIENT, BEDDING TYPE
- ABBREVIATIONS
 - CP - CATCHPIT
 - MH - MANHOLE
 - IC - INSPECTION CHAMBER
 - AC - ACCESS CHAMBER
 - RE - RODDING EYE
 - IL - INVERT LEVEL
 - SL - SUMP LEVEL
 - CL - COVER LEVEL
- Backdrop
- High level IL
- Low level IL

CONSTRUCTION WARNING

High groundwater up to 0.5m bgl and running sand recorded during site investigations. Contractor to take necessary precautions to ensure trench stability

**PRELIMINARY
NOT FOR CONSTRUCTION**

P11	10.08.20	UPDATED TO SUIT ARUN DC COMMENTS	LH	CS	CS
P10	10.08.20	UPDATED TO SUIT ARUN DC COMMENTS	LH	CS	CS
P9	03.08.20	REVISED SURFACE WATER CONNECTION	LH	CS	CS
P8	24.07.20	FOUL CONNECTIONS ADDED	LH	CS	CS
P7	15.07.20	UPDATED TO SUIT ARUN DC COMMENTS	LH	CS	CS
P6	27.05.20	BRAKE CHAMBER ADDED TO SUIT SW COMMENTS	LH	CS	CS
P5	19.04.20	REVISED TO SUIT SW COMMENTS	LH	CS	CS
P4	31.03.20	SURFACE WATER OUTFALL REVISED	LH	CS	CS
P3	16.03.20	SURFACE WATER CONNECTION POINT REVISED	LH	CS	CS
P2	06.01.20	UPDATED TO SUIT COMMENTS	LH	CS	CS
P1	06.01.20	UPDATED TO SUIT COMMENTS	LH	CS	CS
P	04.11.19	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP

Consulting Civil Engineers

CLIENT

MR JASON WELLER

ARCHITECT

ADM ARCHITECTS

JOB TITLE

283-285a CHICHESTER ROAD
BOGNOR REGIS

DRAWING TITLE

DRAINAGE LAYOUT

DRAWN	LH	ENGINEER	CS	CHECKED	CS	APPROVED	
DATE	OCT 2019		SCALE @ A1	1:100			
JOB NO.	C1113	STATUS	P	DRAWING No.	100	REV.	P11

DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
BUILDING CONTROL

DESIGN SUBJECT TO THE CONFIRMATION OF:
RWP POSITIONS

- STANDARD DRAINAGE NOTES

 - DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
 - ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 - BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPURS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
 - ALL DRAINAGE WORKS SHOULD COMMENCE AT THE PROPOSED DOWNSTREAM CONNECTION POINT, THE WORKS CONTINUING UPSTREAM FOLLOWING CONFIRMATION OF THE TIE-IN INVERT LEVELS TO THE ENGINEER. CONNECTIONS TO MANHOLES OR LARGER SIZED PIPES ETC. SHOULD BE SOFFIT TO SOFFIT UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER. IF THIS IS NOT POSSIBLE INFORM THE ENGINEER IMMEDIATELY.
 - COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
 - ALL UN-REFERENCED PIPES ARE ASSUMED TO BE 100mm DIA
 - ALL PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, TO BE VITRIFIED CLAY TO BS EN 295 AND BS65 (SWS ONLY), OR CONCRETE PIPES TO BE EN 1916 AND BS5911-PART 1.
 - ROAD GULLY OUTLET PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
 - ALL ADOPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATION LAID DOWN DOWN IN 'SEWERS FOR ADOPTION' 6th EDITION, WITH A VIEW TO ADOPTION UPON COMPLETION OF WORKS.
 - ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
 - THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
 - STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
 - IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
 - NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.
 - ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED/LOWERED TO SUIT NEW LEVELS.
 - MANHOLE AND CHAMBER COVER GRADES:
 - 'A15' IN ALL LANDSCAPED AREAS AND ON FOOTPATHS
 - 'B125' IN ALL DRIVEWAYS
 - 'C250' IN PRIVATE PARKING AREAS
 - 'D400' IN CARRIAGEWAY/ACCESS ROAD

PRELIMINARY