

CONSTRUCTION
MAINTENANCE
DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL THE RELEVANT ARCHITECTS, ENGINEERS' AND SERVICE ENGINEERS' DRAWINGS & SPECIFICATIONS.

DRAINAGE NOTES

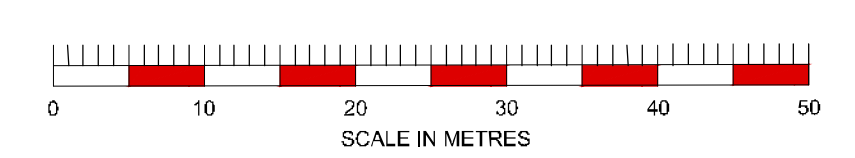
- ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH BS 8301, BS 8005 AND THE BUILDING REGULATIONS.
- ALL PIPES ARE TO HAVE SURROUND IN ACCORDANCE DRAINAGE DETAILS, UNLESS NOTED OTHERWISE.
- FOR EXACT LOCATION OF RAIN WATER AND FOUL WATER OUTLETS, REFER TO ARCHITECTS' DRAWINGS.
- SURFACE WATER DRAINS SHALL BE EITHER H.D.P.E. RIGIDRAIN TWINWALL CARRIER PIPE BY POLYPIPE PLC (OR SIMILAR APPROVED) TO B.S. EN 1401-1 OR P.C.C. PIPES TO B.S. 5911 (Part 100) OR VITRIFIED CLAY TO B.S. 65.
- FOUL WATER DRAINS SHALL BE EITHER P.V.C. PIPEWORK BY POLYPIPE PLC (OR SIMILAR APPROVED) TO B.S. EN 1401-1 OR VITRIFIED CLAY TO B.S. EN 285.
- ALL GRP UNDERGROUND TANKS ARE TO BE BEDDED ON AND ENCASED IN 225mm C30 20mm AGG. CONCRETE STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS.
- ROAD GULLY OUTLET PIPE INVERT LEVELS TO BE 600mm BELOW TOP OF GRATING LEVEL.
- ALL MANHOLE AND INSPECTION CHAMBER COVERS, FRAMES AND ACO DMAX/ROAD DRAINS IN TRAFFICKED AREAS SHALL COMPLY TO EITHER B.S. 407: PART 1 HEAVY DUTY COVERS TO M460 OR B.S. EN 124 GRADE D400 (11.5 TONNE WHEEL LOADING).
- FOR DRAINAGE CONSTRUCTION AND PIPE BED DETAILS REFER TO DRAWING No. 41048-BGL-XX-X-C-77777.
- ALL DRAINAGE BRANCHES TO BE 100mm FOR FOUL WATER & 150mm FOR SURFACE WATER UNLESS MARKED OTHERWISE.
- ALL SOIL & VENT STACKS TO HAVE RODDABLE ACCESS 150mm ABOVE GROUND FLOOR SLAB LEVEL WITH REMOVABLE ACCESS PLATES.
- ALL DRAINAGE CHANNELS TO HAVE ACCESS CHAMBER AT ENDS OF RUNS & BE RODDABLE EVERY 30m THEREAFTER.
- ALL SLOTDRAIN DRAINAGE TO HAVE SUMP UNITS AT OUTLETS OF RUNS & HAVE RODDING ACCESS POINTS EVERY 30m THEREAFTER.
- ALL SHALLOW DRAINAGE (<900mm COVER) AND DRAINAGE BELOW FLOOR SLAB TO BE INCASED IN MIN 150mm CONCRETE SURROUND.
- ALL CONCRETE SURROUNDS FOR THE DRAINAGE TO BE CLASS DC2 (SULPHATE RESISTING) OR TO COMPLY WITH SOIL INVESTIGATION REPORT.

- Surface Water Drainage Pipe
- Surface Water Drainage Manhole
- Kerb Drainage
- Filter Drain
- Surface Water Rising Main (specialist)
- Surface Water Drainage Channel
- Siphonic Roof Downpipe (specialist design)
- Roof Downpipe
- RWP
- Attenuation Tank/Crates
- Foul Water Drainage Pipe
- Foul Water Drainage Manhole
- Existing Foul Water Drainage Pipe
- Existing Foul Water Drainage Manhole
- Existing Surface Water Drainage Pipe

SURFACE WATER VELOCITY RATE
1.2 metres/second
(Maximum)

CONTINUED BELOW

Surface Water Drainage designed using SUDS principals and incorporating Class 1 Petrol Interceptors (where applicable) as requirements in Pollution Prevention Guidelines PPG3



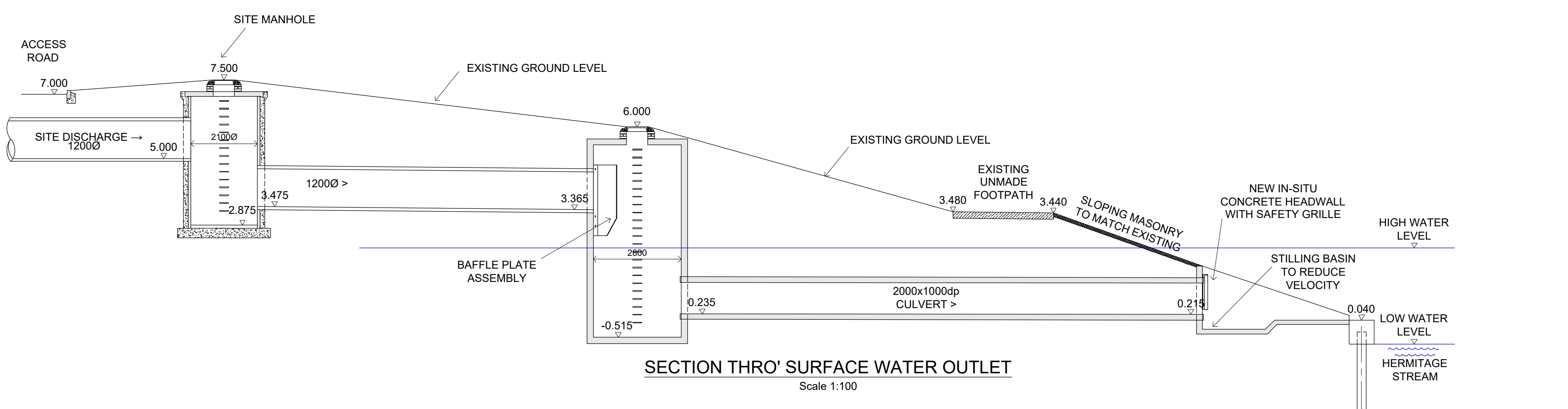
DRAINAGE LAYOUT
Scale 1:500

DRAINAGE CONTINUATION FROM ABOVE

PROPOSED ROUTE OF ~450m 63mmØ FOUL RISING MAIN LOCATED BELOW FOOTPATH - Min COVER 600mm AND DOWNSTREAM GRADIENT TO FOLLOW EXISTING PATH AT APPROX 1:100.
INSTALLATION OF RISING MAIN IN THE PUBLIC FOOTPATH AGREED UNDER A SSO ENABLING LICENCE WITH HANTS CC HIGHWAYS

PROPOSED PEAK DISCHARGE OF 1.75 litres/second FROM THE PUMPED 63mm DIAMETER RISING MAIN APPROVED BY SOUTHERN WATER - LETTER Ref DS_CC_PPE_153788 DATED 21st APRIL 2021

Minimum BUILDING LEVEL 11.300 A.O.D



SECTION THRO' SURFACE WATER OUTLET
Scale 1:100