

**KEY:**

**PRIVATE DRAINAGE**

ALL BELOW GROUND PIPEWORK TO BE 1000 UNLESS NOTED OTHERWISE

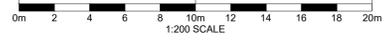
- 1500, 1.80 - SURFACE WATER DRAIN
- S1 - SURFACE WATER CHAMBER
- CPT - SURFACE WATER CATCHPIT CHAMBER
- RE - RODDING EYE
- HB - HYDRO-BRAKE FLOW CONTROL MANHOLE
- PERMEABLE PAVING (TANKED)
- BELOW GROUND GEOLIGHT SURFACE WATER ATTENUATION STORAGE SYSTEM BY SDS (TEL: 01934 751 303)
- RAT - REVERSE ACTION INTERCEPTOR REF. RI 7/7 BY HEPWORTH OR EQUIVALENT
- 1500, 1.80 - FOUL WATER DRAIN
- F1 - FOUL WATER CHAMBER
- 1500, 1.80 - COMBINED DRAIN
- C1 - COMBINED CHAMBER

**EXISTING DRAINAGE**

- 3050 - COMBINED DRAIN TO REMAIN
- EX - COMBINED DRAIN CHAMBER

**GENERAL**

- EXISTING LEVEL
- x (50.00) - EXISTING LEVEL INTERPOLATED
- x 50.00 - PROPOSED LEVEL
- 1.50 - PROPOSED FALL
- - - - - PROPOSED VALLEY / RIDGE LINE
- ← - EXCEEDANCE FLOOD ROUTING

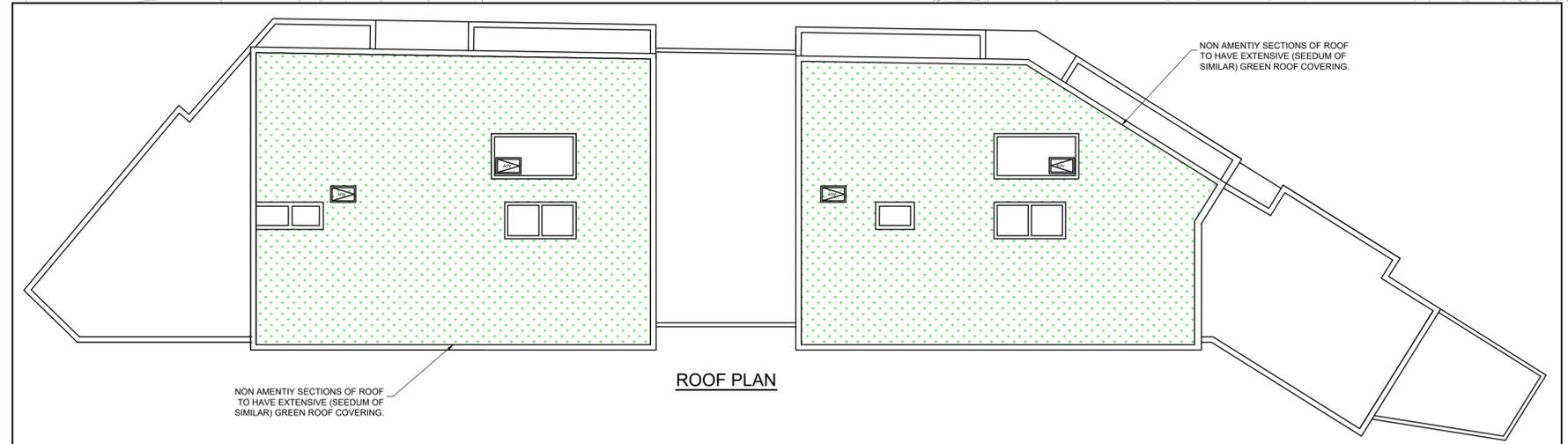
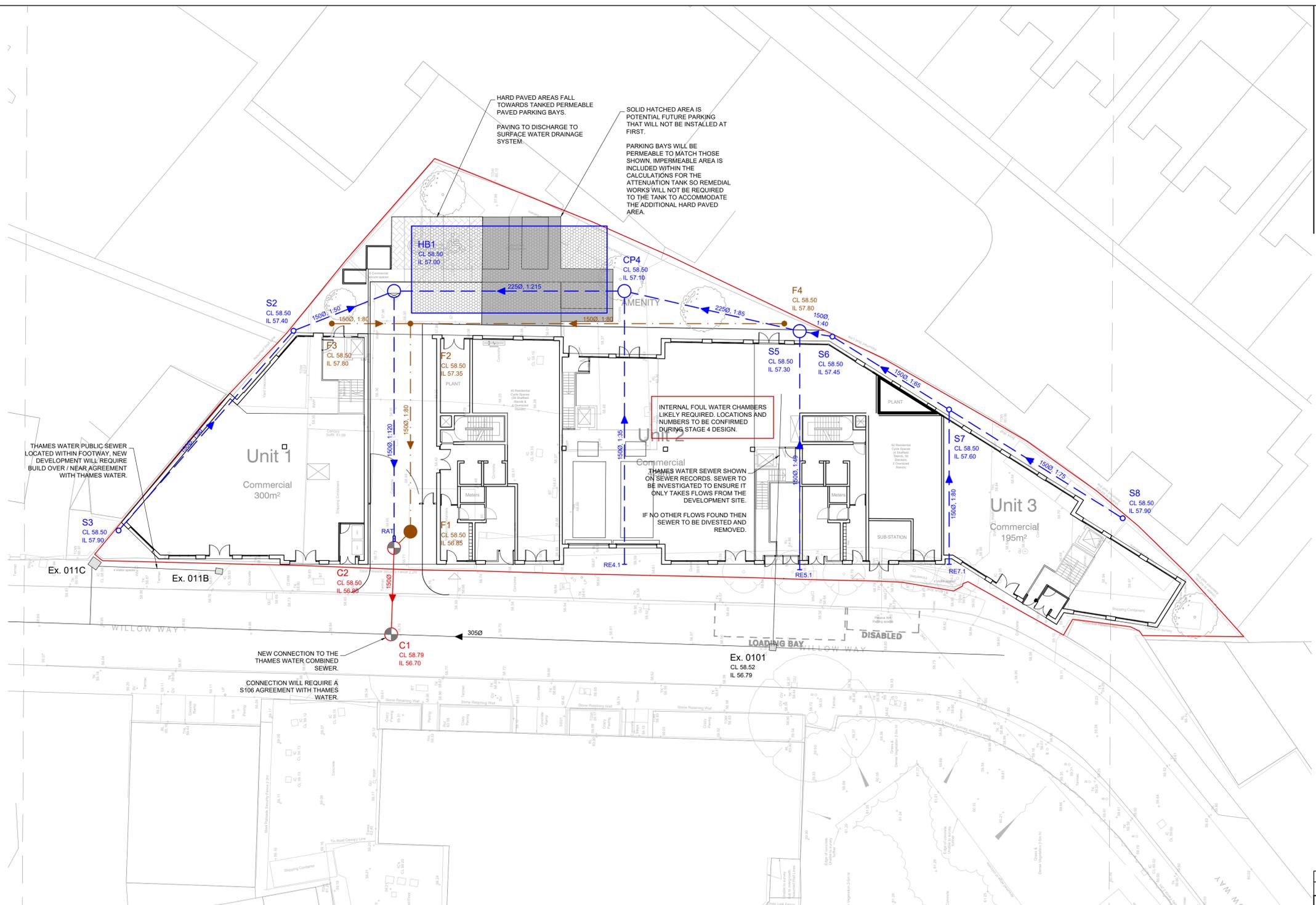


CHAMBER HB1 FITTED WITH HYDRO-BRAKE FLOW CONTROL. LOCATED WITHIN FOOTWAY. NEW DEVELOPMENT WILL REQUIRE BUILD OVER / NEAR AGREEMENT WITH THAMES WATER.

THE USE OF ANY OTHER FLOW CONTROL WILL INVALIDATE ANY DESIGN BASED ON THIS DATA AND COULD CONSTITUTE A FLOOD RISK. IF ALTERNATIVE PRODUCT IS PROPOSED THEN ABSTRACT CONSULTING TO BE ADVISED PRIOR TO START OF CONSTRUCTION SO THAT PROPOSED DESIGN CHANGE CAN BE REVIEWED AND VALIDATED.

BELOW GROUND GEOLIGHT SURFACE WATER ATTENUATION SYSTEM  
18m LONG x 8m WIDE x 0.75m EFFECTIVE DEPTH (94.33m<sup>3</sup> OF STORAGE VOLUME)

ATTENUATION TANK FORMED USING SDS GEOLIGHT UNITS. FULLY TANKED AND CROSS VENTED AND INSTALLED FULLY IN ACCORDANCE WITH SDS RECOMMENDATIONS AND SPECIFICATIONS.  
SDS TEL: 01934 751 303



ROOF PLAN

**NOTES**

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
- PUBLIC SEWER INFORMATION, AND STATUTORY SERVICE INFORMATION IF SHOWN IS BASED ON INFORMATION PROVIDED BY OR INTERPOLATED FROM PUBLIC SEWER AUTHORITY AND SERVICE PROVIDERS RECORDS. ALL INFORMATION RELATING TO SEWERS AND SERVICES TO BE VERIFIED ON SITE BY CONTRACTOR AND ENGINEER INFORMED IF INFORMATION DIFFERS FROM THAT SHOWN.
- INVERT LEVELS OF EXISTING DRAINAGE AT PROPOSED OUTFALL TO BE VERIFIED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION OF ANY DRAINAGE AND FINDINGS REPORTED TO ENGINEER FOR REVIEW AND ACTION IF REQUIRED.
- ALL WORK TO PUBLIC SEWER NETWORK, INCLUDING MATERIALS, CONNECTIONS TO EXISTING MANHOLES, NEW MANHOLES AND ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES TO BE FULLY IN ACCORDANCE WITH CURRENT EDITION OF SEWERS FOR ADOPTION AND SEWER UNDERTAKERS REQUIREMENTS UNLESS NOTED OTHERWISE.

**CDM REGULATIONS 2015 RESIDUAL HAZARDS**

**RESIDUAL HAZARDS IDENTIFIED** ⚠️

**CONSTRUCTION**

- NO SIGNIFICANT RESIDUAL HAZARDS BEYOND THOSE KNOWN TO AN EXPERIENCED CONTRACTOR.

**FUTURE DEMOLITION**

- NO SIGNIFICANT RESIDUAL HAZARDS BEYOND THOSE KNOWN TO AN EXPERIENCED CONTRACTOR.

THIS REGISTER IS A NON-EXHAUSTIVE LIST OF RESIDUAL HAZARDS RELATING TO THE WORKS SHOWN ON THIS DRAWING THAT HAVE BEEN IDENTIFIED DURING THE DESIGN STAGE.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A CONTRACTOR WITH THE APPROPRIATE SKILLS, KNOWLEDGE & EXPERIENCE, AND IF THEY ARE AN ORGANISATION, THE ORGANISATIONAL CAPABILITY NECESSARY TO FULFIL THE ROLE.

**PRELIMINARY ISSUE**

Mark	Date	By	Checked	Revision notes
P01	10/12/22	MH	MH	PRELIMINARY ISSUE.

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Job Title  
**WILLOW WAY, SYDENHAM.**

Drawing Title  
**DRAINAGE LAYOUT.**

Client  
**KITEWOOD.**

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