



BUILD COLLECTIVE
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PROJECT VINE COTTAGE, LOWER HAMS WELL	PROJECT NO. BC00688
CLIENT BLACK	DATE APRIL 2022
DRAWING DRAINAGE LAYOUT (DRAFT)	DRAWING NO. CO1
DRAWN BY AG	CHECKED BY SCC



- GENERAL**
- This drawing is to be read in conjunction with all relevant Engineers drawings, Architects drawings, schedules and specifications.
 - Do not scale from drawings.
 - Refer to Architects drawings for parking levels and setting out information.
 - All external drainage to be constructed in accordance with Sewers for Adoption 7th Edition.
 - All internal drainage to be in accordance with Building Regulations Document 'H'.
 - Contractor shall check the levels of all existing connections as early as possible and report any discrepancies to the engineer.
 - Shallow sewers and sewers adjacent to existing and proposed trees / dense vegetation will require concrete protection in accordance with the details. Elsewhere pipework is to receive Class 5 bed and surround. Bedding and surround material shall meet the requirements of the pipe manufacturers recommendations.
 - All under-floor foul drains to be 100Ø unless shown otherwise.
 - Sizes of RWP connections shall be checked against the specialist rainwater goods suppliers information.
 - Pipework connections to manholes are to be laid soffit to soffit, unless shown otherwise.
 - Vitrified clay pipes and fittings for gravity sewers shall have flexible mechanical joints. Pipes shall comply with the relevant requirements of BS EN 295-1 and BS 65 (Surface water pipes only). Thermoplastic structured wall sewer pipe shall comply with the relevant provisions of BS EN 13476-1 and WIS 4-35-01 and BS EN 13476-2 or BS EN 13476-3. Pipes shall be BSI kitemarked or have the equivalent third party certification.
 - Foul connections to be laid no flatter than 1:80 where at least one WC is connected. Sink connections are to be laid no flatter than 1:40.
 - Abandoned sewers shall be removed or grouted over the full length and abandoned manholes shall be broken out and back filled with lean mix concrete to 1.5m below ground level.
 - Pipe to pipe connections including gully connections to be performed T junctions.
 - All below slab RWPs and SWPs and SPs connected via a 'T' section shall have an accessible rodding access just above the finished floor level.
 - Sewers adjacent to existing & proposed trees will require concrete protection type Z. In accordance with the details.
- QUALITY**
- All building work to be carried out by a competent contractor in accordance with the relevant mandatory regulations, UK Building Regulations, British Standards and good practice.
 - Similarly materials and fabrication to meet the relevant British Standards and national specifications.
 - Contractor shall carry out a CCTV survey of all completed sewer runs to prove no defects are present.

APPROX. ROUTE OF EXISTING CULVERTED WATERCOURSE

28m³ CELLULAR STORAGE CRATES @ 95% VOIDS

GRITFLOW CONTROL CHAMBER TO RESTRICT DISCHARGE TO 1 US FOR STORMEVENTS UP TO AND INCLUDING 1 IN 100 + 30% CC

PACKAGE TREATMENT PLANT KLAGERSTER BA 8100/SC OR SIMILAR APPROVED, SIZED FOR 6 PE MIN. CONC SURROUND REQUIRED TO MANUFACTURERS GUIDANCE TO PREVENT BUOYANCY ISSUES.

SAMPLING CHAMBER

STP

Waste & Recycling storage against wall

Permitted double garage (partially implemented) PG 14251