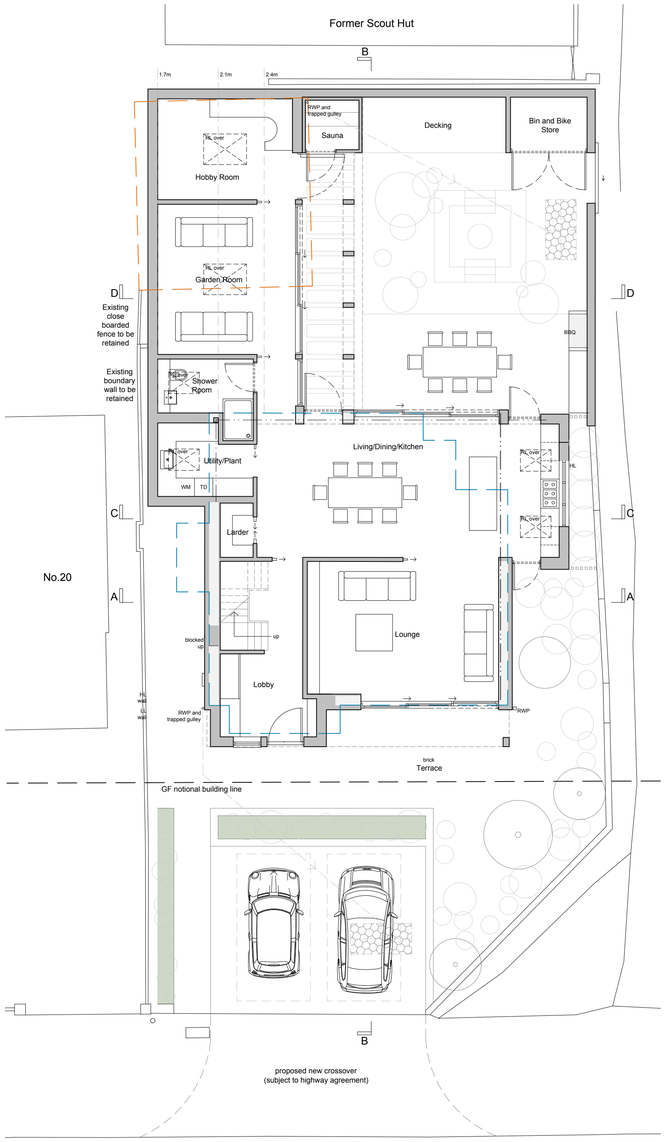
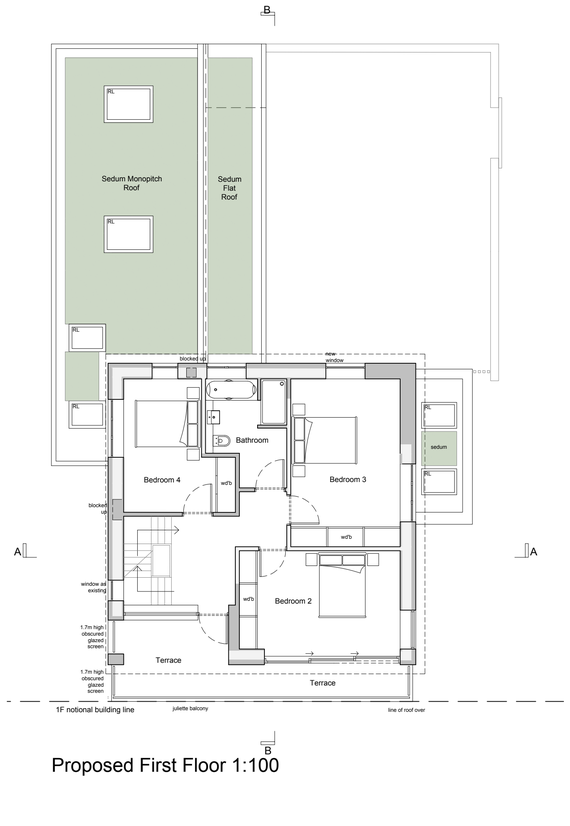
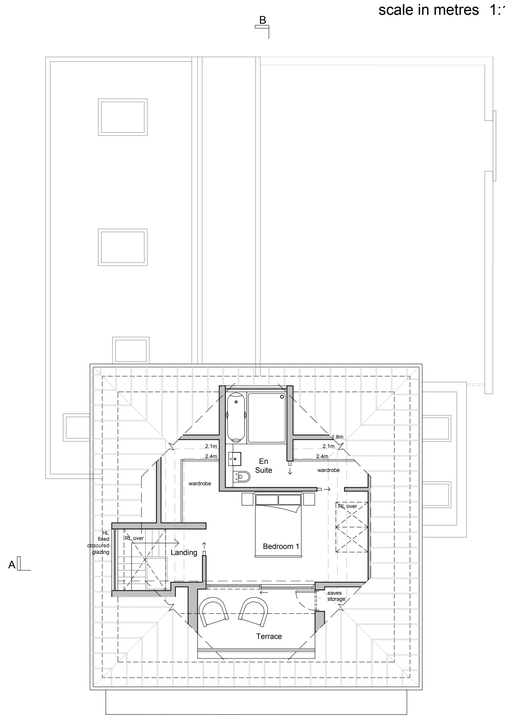


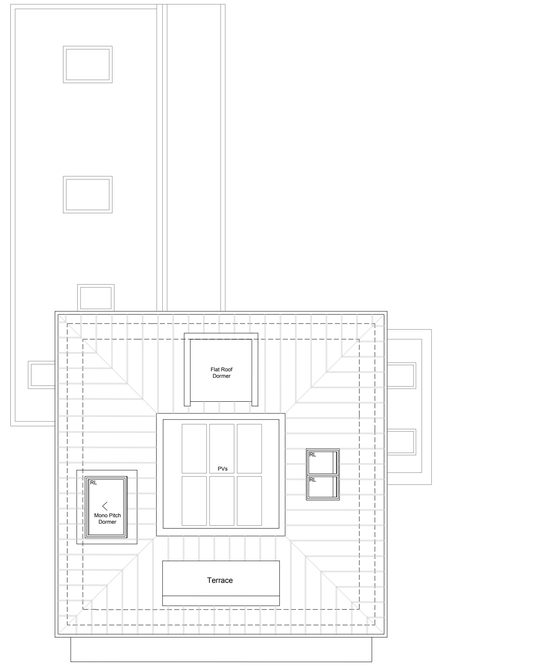

Proposed Ground Floor 1:100




Proposed First Floor 1:100




Proposed Second Floor 1:100




Proposed Roof 1:100

## Soakaway Proposals

New Wavin AquaCell Eco Soakaway min. 5m from any building or structure. Design of new soakaway to be agreed on site between Building Control and the Building Contractor. Use preformed drainage crates as manufacturers details and recommendations. Design to be based on a sub-soil percolation test in accordance with BRE 365 Soakaway Soakage Test.

Guidance Notes for BRE 365 Soakaway Soakage Test

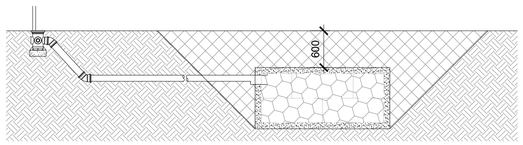
1. Excavate pit to approximate dimensions – 0.5m x 1.0m x 1.3m deep.
2. Vertical sides to be trimmed square (for safety reasons do not enter pit)
3. Measure exact pit dimensions
4. Fill pit with water to approximately 0.3m below the ground level and allow to drain to near empty three times
5. Record water levels and time from start of test at intervals such that approximately ten measurements are taken during the emptying of the pit
6. Record all results and refer to engineer for calculation of soakage rates
7. We recommend that you invite the building inspector to attend at least one of the tests

Notes on Filling of Pit

1. Inflow of water to pit should be rapid therefore water bowser is recommended.
2. Take due care to ensure that walls of pit do not collapse during inflow of water.
3. Fillings should be on same or consecutive days

SOAKAWAY CONSTRUCTED USING
GEOCELLULAR STORAGE 2.0 x 1.0 x 0.4m

- provide one layer AquaCell CORE-R from WAVIN or similar approved to be laid in a 'brick bonded' pattern installed in strict accordance with manufacturers SOAKAWAY details
- AquaCell to be laid on 100mm bed of coarse sand or non angular granular material, level & compact
- AquaCell units to be wrapped using a 300g non-woven geotextile
- provide min 100mm of coarse sand or non angular granular material between the trench walls and AquaCell structure & compact
- lay 100mm of coarse sand or non angular granular material over the geotextile and compact
- use AquaCell adaptors to connect incoming pipework
- ensure minimum 300mm cover depth to units where installed under landscaped/ non-trafficked area
- ensure minimum 600mm cover depth to units where installed under trafficked areas
(vehicle mass up to 9 tonnes)

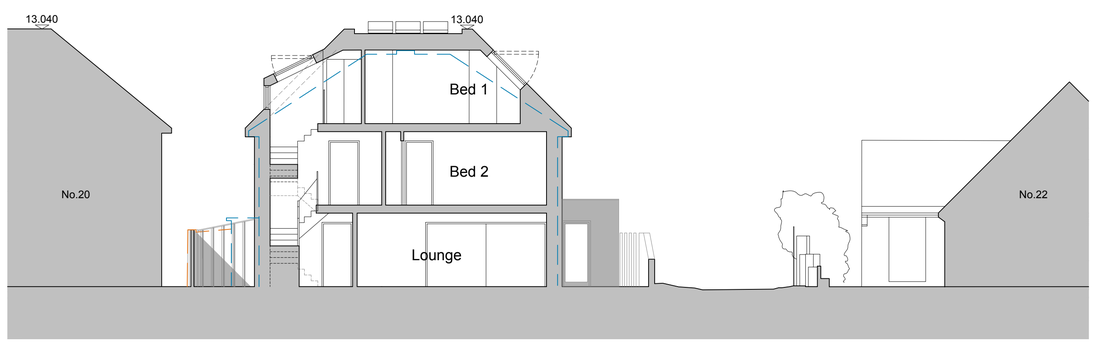




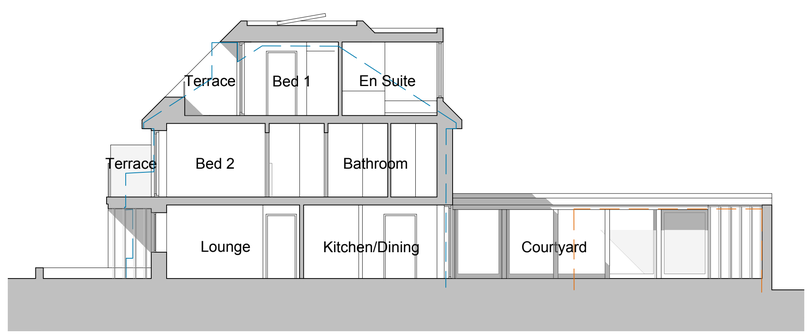


Block Plan 1:500

scale in metres 1:500




Section A-A 1:100




Section B-B 1:100

scale in metres 1:100

| amendments | | | | |
|---|---|---|---|---|
| rev. | date | comment | auth | chkd |
| A | 14.07.26 | Minor amendments as client comments. | ES | GI |
| B | 02.09.26 | Minor amendments as planning officer comments. | ES | GI |
| C | 21.09.26 | Amendments as planning officer comments. | ES | GI |
| D | 15.10.26 | Amendments as planning officer comments. | ES | GI |

| | | | |
|---|---|---|---|
| client | | drawing number | revision |
| Cherise Blythe & Nick Huggett | | 0753.PL.010 | D |
| project | | drawing title | |
| 21 Kings Walk | | Proposed Floor Plans | |
| Shoreham-by-Sea | | Sections & Block Plan | |
| BN43 5LG | | PLANNING | |
| drawn by | checked by | riba work stage | date | scale/original sheet size |
| ES | GI | 3 | July '26 | 1:100/1:500 @ A1 |

www.abir.co.uk studio@abirarchitects.co.uk
Unit 1, Beta House, St John's Road, Hove, BN3 2FX, United Kingdom
Hove +44 (0)1273 724 384
Company No 06877117 VAT No 971 4147 17

© ABIR Architects Ltd. Check all dimensions on site before work is undertaken. All goods, materials and workmanship to conform with current building regulations, BSS and COP's.

ABIR Architects

RIBA Chartered Practice