

**WEST VIEW, CRANMORE LANE****SHIPTON MOYNE, GL8 8PU****Application for Discharge of Conditions - Supporting Information****CONDITIONS TO BE DISCHARGED**

- 3 We attach our annotated drawing no. 2225 - 10B indicating the proposed surface water drainage scheme. Percolation tests in accordance with BS 6297 were carried out by the contractor during w/c 6<sup>th</sup> November 2023 and the results are included below:

Hole/time	Hole no. 1	Hole no. 2	Hole no. 3	Hole no. 4
Fill 1 T/150	6.8	3.5	No drain	3.8
Fill 2	8.5	4.4	n/a	4.8
Fill 3	7.9	4.2	n/a	5.2
Vp (average)	7.7	4	n/a	4.6

The proposed scheme has been revised to take account of these results and attached for approval. Currently there are no reported issues with the existing site-soakage system and driveway/parking areas. All new hard surface areas will remain porous and free-draining consisting of stone chipping topping on type 1 sub-base. Proposed soakaway construction:

*Soakaways in grassed areas each 2.0m long x 2.0m wide x 1.5m deep, lined with approved geotextile membrane and filled with clean hardcore to 500mm below expected final ground level with outfall drain laid in top of hardcore layer. Cover with approved geotextile membrane and backfill to 100mm below final levels with as-dug material leaving 100mm zone for top soil and turfing by others.*

- 4 We attach the Arboricultural Survey dated 14th November 2023 prepared by Cotswold Tree Care. A copy has been issued to the contractor.
- 6 The contractor has prepared a 1sqm stone sample panel on site. A photograph is included below for approval:



- 7 The contractor has prepared a 1sqm render sample panel on site. A photograph is included below for approval:



- 9 The contractor has been advised of the requirement for bird and bat boxes as indicated on the approved drawing. The proposed boxes are:
- i. 2 no. Schwegler Swallow double nest no.9A on North and South elevations of the new two-storey extension.
  - ii. 1 no. Schwegler Swallow single nest no.10 on North side of porch.
  - iii. 2 no. Schwegler Bat tube 1FR built into and behind the facing masonry on the East and South elevations of the new extensions.
- 10 The following energy efficiency measures are proposed:
- Phase 1:
- i. 100mm external wall insulation to retained walls to be 'Warmshell System' by Lime-green or similar approved. Roughcast render finish.
  - ii. 200mm Rockwool filled cavity to new external walls.
  - iii. Air-source Heat Pump to provide space and water heating. Details and specification to be agreed and approved by Building Control Inspector when an approved electrical contractor has been selected.
  - iv. EV charging point.
- Phase 2:
- i. 2 no. Solar PV arrays on south and west roof pitches. Total capacity approx.: 5kWp

PP/2225

05.12.2023