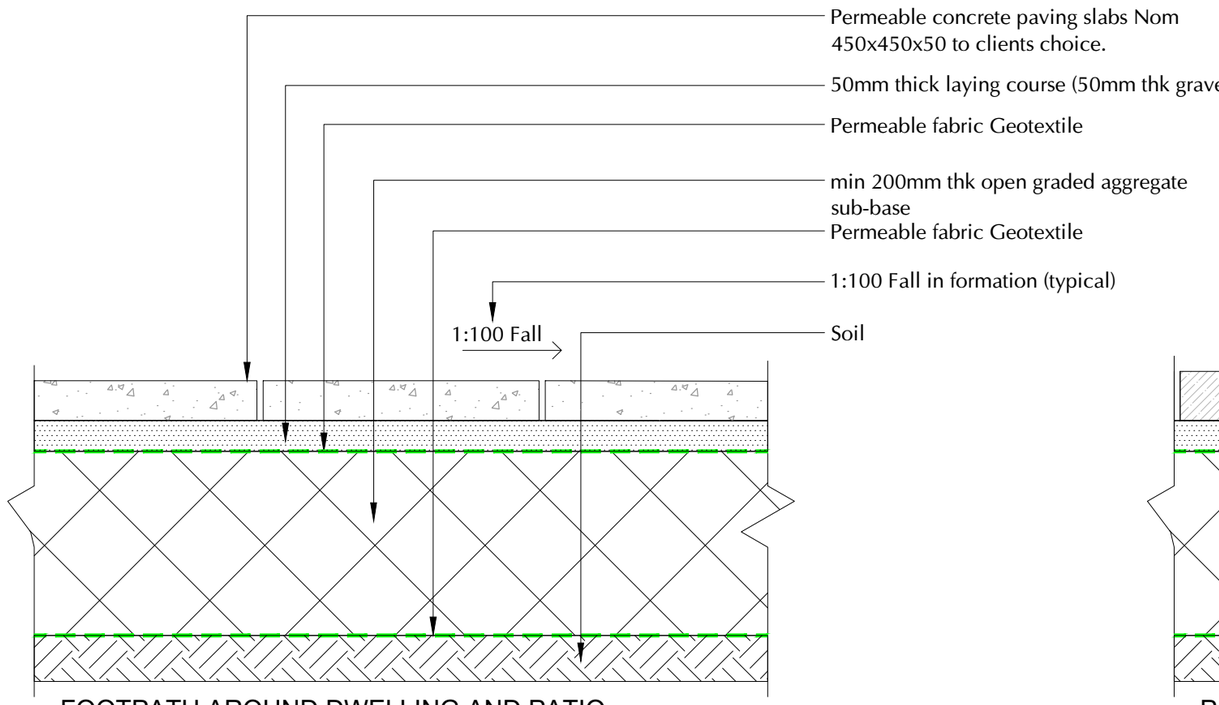
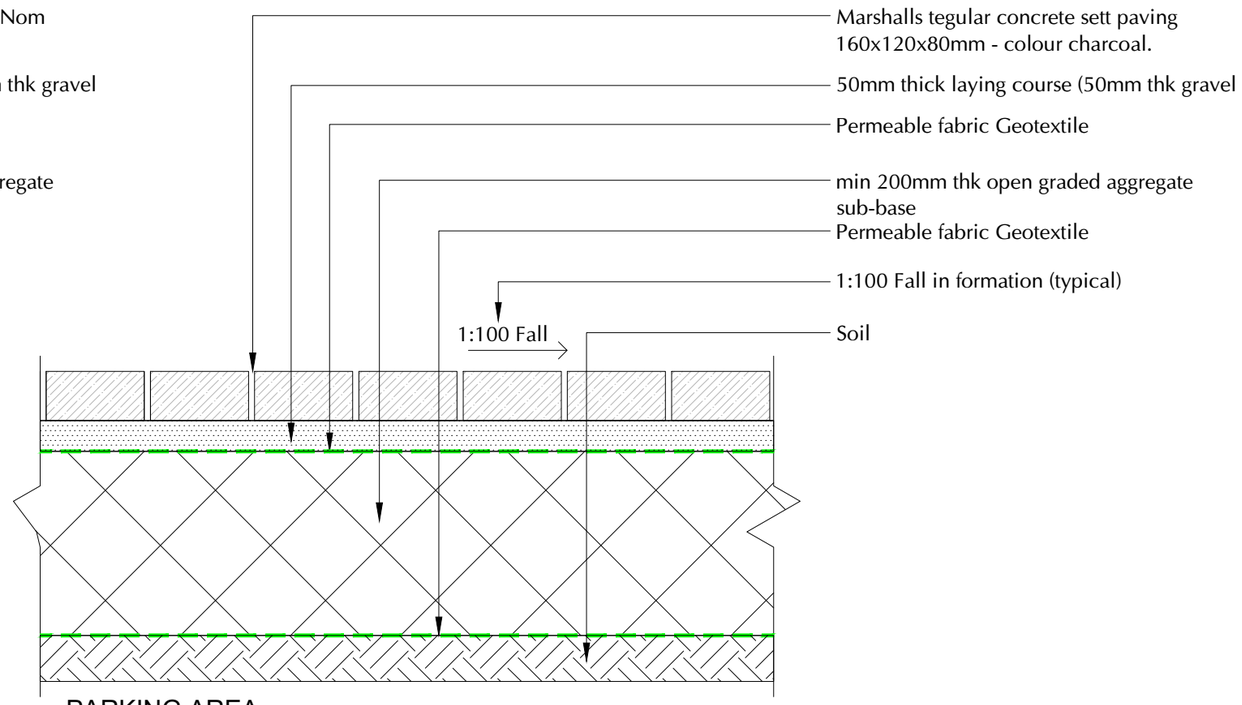


FOOTPATH AROUND DWELLING AND PATIO
LOAD CATEGORY 1



PARKING AREA
LOAD CATEGORY 2

PERMEABLE PAVING NOTES

1. PAVING - The surfacing shall comprise paving blocks or flags manufactured by a member of Interpave, in accordance with BSEN1338:2003 - 'Concrete paving blocks - Requirements and test methods' BSI 2003. They shall be manufactured and marketed for permeable pavements.

2. LAYING COURSE AND JOINTING MATERIAL - The laying course material must be sufficiently coarse to allow the free vertical flow of water and to prevent its intrusion into the underlying coarse graded aggregate, yet sufficiently fine to permit the accurate installation of the paving blocks. The material shall comply with the requirements of a material of type 2/6.3 Gc 80/20 according to BS EN 13242:2002. 'Aggregates for unbound and hydraulically bound materials for use in civil engineering works and road construction'. Note that the term 2/6.3 means that the material has particle sizes that are predominantly within the range of 2mm to 6.3mm. This is the way in which aggregates, including fine aggregates, are designated in BS EN 13242:2002 which states: "This designation accepts the presence of some particles which are retained on the upper sieve (oversize) and some which pass the lower sieve (undersize)", i.e. there is a small proportion of material that is greater than 6.3mm and less than 2mm.

3. COARSE GRADED AGGREGATE (CGA) - CGA should comply with the requirements of BS EN 13242:2002 – 'Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction.' The material should be designated Type 4/20 (4mm minimum and 20mm maximum particle size). Details on the availability and suitability of these materials should be obtained from local aggregate suppliers. Members of Interpave manufacture specific systems that may involve alternative material specifications.

The material must have sufficient internal stability to perform both during installation and in the long term. In general hard crushed rock aggregates will perform well, whereas both crushed and naturally occurring rounded gravels may be unstable – possibly in service and very likely during Installation. If a material remains stable during installation, it is very likely that it will remain stable once the pavement is complete. Blast furnace slags have been used successfully as CGA.

Blast furnace slag should comply with BS13242:2002. Leaching tests should be carried out in accordance with BSEN12457-3 and the results should meet the requirements of Environment Agency's 'Waste Acceptance Criteria' for inert waste.

4. DISPERSAL PIPES - Perforated dispersal pipes within the coarse graded aggregate aggregate are to be laid on a 50mm thick x 400mm wide bed comprising of 10mm single sized pea shingle. Perforations laid downwards.

Proposed Permeable Paving Details
scale 1:10

30	009 Details: Proposed Permeable Paving Details	1:10	0 100mm 500mm 1m

NOTES

REVISIONS

-	00/00/00	XX
First Issue		

JOB TITLE
Land adjoining 12 Main Rd Queenborough Kent ME115BQ

DWG TITLE
Details: Proposed Permeable Paving Details

DATE	BY	CHECKED BY	
10/03/23	DB	RND	A3

DWG NO.	REV.	STATUS
3117 (30) 008		B Regulations

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