

The Site Plan and Elevation Drg ex " Comparelli Architect ; 1;200 A3 " refer.

1 SUDS

All would be installed over Attenuation Crates where practical. :-

Open jointed paving blocks.
Resin bound surfacing
Graded stone and / or gravel .

NOTE ; It may be that a domestic sewage / foul water treatment plant is installed under the area indicated . In which case there would have to be an interruption of the chosen surface to allow for access to the subterranean plant .

2 Surface Water on Shared Access Driveway :

The surface water from the existing ground area is already adequately served by a slot drain near the foot of the driveway . The fall and current arrangements cope with all current and expected enhanced rainfall .

The surface area beyond (to the South) of the slot drain is served adequately by the capture offered by the public road surface falls and gratings into the road drains. These are discrete to surface water.

The drainage of the shared access driveway (and PROW) will not be affected by the development .

3 Surface Water discharge from the built development (2 bedroom annex)

The Drg indicates the following :----

- Position of French drain and perforated land drain installation serving the rear of the development (See Drg SW4 .)
- Line of discharge drain for surface water from roof of development that will link to the existing driveway drainage .
- Also " overflow" contingency drainage from slot drain/roof drain interface that will allow for capture into existing soakaways and drainage field . (These are in the possession of the development)
- Also rodding points , marked RP on the drawing . These will be set flush to chosen SUDS surfacing.
- Also line of a French drain and perforated land drain to the rear of the existing building (No 68 Sand Street).
- Also proposed position of attenuation crates if practical in view of potential for a domestic foul water treatment plant

4 Management of water from standing -seam roof of development :

The Drg. shows a plan of the o/a size of the development . with the line of a high- capacity square gutter and overhang. The rainfall intensity guidance is currently 0.018 lt/sec/m2 .The gutter is 117 mm x 75 mm which will give a capture management >40 % above the design guide for the roof area (55.8 m2) .

Ventilating pipes will be set at or near the heads of each main drain .

The fall of the drains serving the roof water capture will be at least 1 in 100.

The fall of the French drains and inset perforated land drains will be 1 in 150

The Front Elevation Drg. shows the position of the down pipe

5 Materials :

French Drains : Geo-tex lined with clean round pea gravel

Perforated land drains will be 150 mm HD PET rigid with suitable filter wraps.

Roof water capture drain pipes will be 100 x 100 mm sq. section. .

The overflow reserve drainage pipe linking the driveway slot drain to the soakaway will be 75 mm in diameter.

Attenuation Crates to suit loading and area.

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