



The volume of water stored in the blue/green roofs have been calculated by Alumasc and are as follows for the 1 in 100 yr storm + 40% CC;

Terrance = 5m3
Saffron Hill = 56m3
Charterhouse = 57m3

The above volumes result in zero flooding for the roof area in this storm event.

Total areas;

Blue Roof = 1555m2
Green Roof = 335m2
Drained Via Channels = 610m2
Roof area unchanged = 500m2

Total = 3000m2

- Key**
- Blue Roof
 - Green Roof
 - Court Yard Area drained and attenuated by channels
 - Area Drained by Courtyard

0 1 10 20m

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P1 09.10.17 STAGE 3 ISSUE
REV DATE PURPOSE OF ISSUE

BM

CLIENT AA & DB
PROJECT 17 CHARTERHOUSE ST.
DRAWING ROOF GENERAL ARRANGEMENT

SCALE 1:200 @A1
DRAWN BM
CHECKED JLD

STATUS PRELIMINARY
☐ TENDER
☐ CONSTRUCTION
☐ AS BUILT

DRAWING NO. P17-082 A-10-08 P1

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