For continuation see Inset A

Area of site included in flood zones 2 & 3.

Root protection area excluded from volume calculation as levels are to remain

Root protection area excluded from volume calculation as levels are to remain

Mitigation for flood zones 2 & 3.

Inset A

Key

1 — Location point 1 derived from Environment Agency JFlow Flood Levels, Ref: SSD/1937/VH. Existing level at this point is 9.10 and depth of water based on 1 in 1000 year flood is 0.15m. Therefore 9.25 has been determined as the maximum flood level and has been used to calculate the total volume of flooding.

0.10 — Isopachyte contour indicating the level difference between existing ground and the maximum flood level 9.25.

-1.00 — Isopachyte contour indicating the level difference between existing ground and proposed flood mitigation levels.

5,765m³ - The volume of water that floods the site up to the 9.25 level and the value used to design the flood mitigation area.

Rev.	Date	Details	Initials
A	07.04.17	Initial Issue	MRH

Drawing Status: PRELIMINARY

Project: Horndean Road, Emsworth

Client: Bellway

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Drawing Title: Engineering Details
Flood Mitigation Plan – Isopachytes

Drawn	Checked	Scales	Paper Size	Date
MRH	KAM	1:500	A1	04.17

Job No.	Drawing No.	Revision
ES1711	500–07	A

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