A2
Proposed Permeable Paving Plots 3 & 4
(Attenuation)
Area: 41m2
Effective depth: 0.97
Construction depth: 1.1m
Base level: 131.40
Contributing catchment: 240m2
Proposed Permeable Paving Plot 3
(Infiltration)
Area: 48m2
Min. effective depth: 0.47m
Min. construction depth: 0.60m
Base level: 132.50:
Contributing catchment: 110m2
Proposed Permeable Paving Plot 2
(Infiltration)
Area: 49m2
Effective depth: 0.80m
Construction depth: 0.93m
Base level: 132.80:
Contributing catchment: 190m2
Proposed Permeable Paving Plot 1
(Infiltration)
Area: 54m2
Effective depth: 0.70m
Construction depth: 0.83m
Base level: 132.90:
Contributing catchment: 190m2
Proposed Permeable Paving Plots 5 & 6
(Attenuation)
Area: 98m2
Min. effective depth: 1.27m
Min. construction depth: 1.4m
Base level: 130.30
Contributing catchment: 590m2
Proposed surface water connection to public foul sewer
Proposed flow control chamber
Discharge: 0.7l/s
Proposed surface water connection to public foul sewer
Proposed flow control chamber
Discharge: 0.7l/s
Proposed foul connection to public foul sewer
EDDEYS LANE
SOUTHVIEW ROAD
Tara
Bryony
Waverley
Brylea Mead
Cl 135.18
IL 133.66
Cl 131.749
IL 130.173
IL 129.60
IL 129.39
150mm
150mm
10m
INSET SHOWING CATCHMENT AREA DRAINING TO PROPOSED SuDS
SCALE: NTS
Key:
Proposed impermeable area
Area = 1320m2
Proposed 100mm dia. surface water drain and inspection chamber
Proposed catchpit chamber
Proposed permeable paving (infiltration)
Proposed tanked permeable paving (attenuation)
Proposed fin drain
Proposed gully
Proposed rodding eye
Proposed 100mm dia. foul drain and inspection chamber
Design exceedance route
Proposed finished floor level
Proposed finished external level
Existing ground level
Existing public foul sewer
REFERENCE DRAWINGS:
Drawing No. | Drawing Title | Revision | Date | Company
16/9 | Eddey Topographical Survey | A | Dec. 2019 | D & H Surveys Ltd
GU35BH/TP12 | Proposed Site Plan | A | Nov. 2021 | Cole Easdon Architects Ltd
NOTES
1. All levels are in metres above Ordnance datum
2. Refer to Drawing 8241 – 503 – Drainage Construction Details for detailed drainage notes
3. Public sewer details based on Thames Water Water records
4. All proposed SuDS and surface water drainage systems have been designed to accommodate the 1 in 100 year + 40% climate change critical storm
5. All proposed infiltration SuDS have ben designed using a BRE 365 tested infiltration rate of 6.21x10−6m/s
6. All made ground in the vicinity of the proposed infiltration SuDs to be removed and replaced with clean imported permeable fill
7. The base of all infiltration SUDs to be located at or above 132.50m AOD.
No. | By | Date | Revision Details
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Client
Cimbrone Developments TWO Limited
Job Title
Eddeys Lane
Bordon
Hampshire
Drawing Title
Proposed Drainage Layout
Drawing Status
FOR COMMENT | FOR PLANNING | FOR TENDER | FOR APPROVAL | FOR CONSTRUCTION | AS BUILT
**CONSTRUCTION AT CLIENT / CONTRACTOR RISK**
Designed by: SS
Drawn by: SS
Checked by: DF
Date: December 2021
Scale: 1:200@ A1
Drg. No.: 8241/502
Rev.