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1047200N

1046800N

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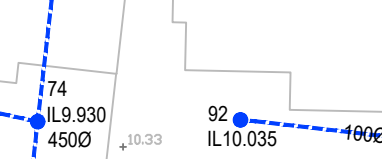
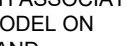
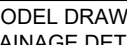
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-DRAINAGE FLOW MODEL KEY-

- Proposed Surface Water Drain/Sewer
87
IL9.900
4500
- Proposed Surface Water Manhole (Node; Invert Level; Manhole Size)
IL9.800
- Proposed Crate Soakaway (Crate Invert)
91+
IL9.800
Proposed Soakaway Incoming/Outgoing Pipe (Incoming/Outgoing Invert)
3
IL9.730
Proposed Headwall (Node; Pipe Invert)
2
IL9.730
2.0%
- Proposed Flow Control Chamber (Node; Invert Level; Controlled Discharge Rate)
IL9.650
Soakaway Effective Invert Level due to Groundwater Peak (Crate IL, Effective IL)

FLOW MODEL DRAWING IS BASED ON DRAINAGE LAYOUT AND DRAINAGE DETAILS DRAWINGS BY ARCH ASSOCIATES; WITH FURTHER INFORMATION TO INFORM MODEL ON GROUNDWATER LEVELS, SOAKAGE RATES, AND IMPERMEABLE AREAS PROVIDED BY AQUACALLIUS AND MAPLEDEAN PROJECTS LTD.

SOAKAWAY CRATES ARE MODELLED AT MINIMUM LEVEL OF 9.73mOD DUE TO GROUNDWATER LEVELS, WITH EFFECTIVE STORAGE VOLUME ABOVE GROUNDWATER LEVEL USED.

Refer to Arch Associates drawings for further information on general arrangement and drainage details for construction. In addition, refer to Architects drawings for further information on plot internal detailing, service points and threshold drainage details. Architect to finalise all drainage connection points & threshold drainage requirements.

NOTES

- This drawing is to be read in conjunction with all other Bright Plan Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- Bright Plan Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain.

FOR INFORMATION

THIS DRAWING IS A SUPPORTING PLAN FOR THE DRAINAGE STRATEGY. IS ONLY SCHEMATIC IN NATURE AND NOT TO BE USED FOR CONSTRUCTION.

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Drawing Status FOR PLANNING

Client

Mapledean Projects Limited

Project

Hook Lane

Aldingbourne

Drawing Title

1D Hydraulic Model
Supporting Plan

Scale

1:250

Date

2020.1

Drawn By

DJL

Checked By

MJA

Drawing No.

D1898-001

Rev.

P2