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The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

HAZARD IDENTIFICATION BOX

This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015

Hazard Ref	Hazard Type (Construction/Maintenance/ Cleaning/Decommissioning/ Adaptation)	Hazard Description	Mitigation Measures/ Residual Risk

P06	28/01/2020	Site layout updates, perpendicular path removed from all plots apart from plot 6 & 8. Gully positions updated as per rev cloud.	CPR/RSHRSH
P05	09/01/2020	Updates to plot 1 positions and road junction updates to suit updates as per rev clouds.	CPR/RSHRSH
P04	10/12/2020	Updates to drainage layout as per change in FFLs and levels, see clouded, and gravitas headwalls added as per rev cloud.	JQCPR/RSH
P03	16/10/2020	Updates to plot drainage to keep drainage runs within plots and to remove any conflicts with S278 levels. Water proofing and exposed brick groyne out.	AICPR/RSH
P02	14/08/2020	Basin headwall position updated, update to FW16 IL, FW1, 2, 10 & 19 and SW1 & 2 have been removed.	CPR/RSHRSH
P01	19/07/2024	Draft issue for tender	CPR/RSHRSH

Rev	Date	Description	Dim / Chkd / Apvd

Suitability:

S4 - Suitable for Stage Approval

Client Logo:

Bellway

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Client: Bellway Homes Ltd (North London)
Job: Hares Leap, Henham, Essex
Title: Private Drainage Layout Sheet 1 of 4

Classification: FI_60_20
Scale at 1:200
Project: C86840-JNP-92-XX-DR-C-2011
Supplier: JNP Group Ltd
Revised: P06

Project: C86840-JNP-92-XX-DR-C-2011
Supplier: JNP Group Ltd
Revised: P06



- Existing public foul sewer
- New adoptable foul sewer to be constructed in accordance with SSG Appendix C, DCG
- New adoptable foul manhole (size and construction may vary), to be built in accordance with SSG Appendix C, DCG
- New private foul drain
- New private foul inspection chamber 225mm dia, polypropylene or vitrified clay up to 600mm deep. Max pipe diameter 150mm
- New private foul inspection chamber 450mm dia, polypropylene up to 3000mm deep. Max pipe dia. 150mm
- New adoptable surface water sewer to be constructed in accordance with SSG Appendix C, DCG
- New adoptable surface water manhole (size and construction may vary), to be built in accordance with SSG Appendix C, DCG
- New private surface water inspection chamber 225mm dia, polypropylene or vitrified clay up to 600mm deep
- New private surface water inspection chamber 450mm dia, polypropylene up to 3000mm deep. Max pipe diameter 150mm
- New private surface water inspection chamber either 1200mm dia, precast concrete, or 1200 x 750mm precast concrete, or 1200 x 750mm class B engineering brickwork over 1500mm deep.
- Perforated pipe
- Private road gully
- New private yard gully
- New private channel drain
- Proposed land drain
- New private rodding eye
- Public sewer maintenance margin

Note
This invert level is from assets maps. IL must be confirmed prior to commencement of any drainage works. Any discrepancy to be reported to JNP Group.

Refer to S278 Design by Conisbee,
Drawing ref 220741-CON-XX-00-DR-C-3100

Online Surface Water Attenuation Basin
To be maintained by private management company

- Dry basin slopes = 1:3 max
- Permanent wet basin slope = 1:10 max
- Design storm = 1:100yr + 40% Climate Change
- Bed level at outlet = 102.250m
- Top water level = 103.500m
- Freeboard = 300mm
- Max. storage volume = 659m³
- To account for the 1:100yr + 40% Climate Change

Refer to dfg.no. C66840-JNP-XX-XX-DR-C-2016 for details

Drawing References

- Site Layout by Manor House Architecture, Drawing ref 24403-1000
- Topographical Survey by Survey Solutions, Drawing ref 45403PLS-01 - 04
- Tree protection plan by SJA Trees, Drawing ref SJA TPP 2332-04-01
- S278 Design by Conisbee, Drawing ref 220741-CON-XX-00-DR-C-3100
- Site Investigation by Gemco. Report ref 2147 R02. Issue 3
- Refer to Private Drainage Notes on Sheet 4

THE DETAILS ON THIS DRAWING ARE INDICATIVE ONLY. INSTALLATION TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS DESIGN AND DETAILS. REFER TO MANUFACTURERS DESIGN PACK AND INSTALLATION DETAILS