

Drainage Notes

- At the commencement of works on site the contractor is to carry out trial pits and liaise with Utility Companies in order to establish the exact position of all existing statutory utility plant in the vicinity of works and take adequate precautions for their protection.
- Any drainage works constructed prior to issue of Technical Approval is entirely at the risk of the Contractor/Client.
- The Contractor shall ascertain the CBR of the subgrade in order to determine the required sub-base / coping thickness.
- Prior to laying any material the subgrade must be inspected and any soft spots removed and filled with 6F2 coping material.
- Prior to construction of any drainage works, the Contractor is to confirm the invert levels of existing manholes and sewers. Any variations from the designed levels shown on the drawings shall be reported to the Engineer in advance of construction works commencing.
- The Contractor shall employ best practice and lay all drainage systems upstream from the designated site outfall point. Any variations from the designed levels shown on the design drawings shall be reported to the Engineer in advance of construction works progressing.

- All adoptable foul sewer drainage works must comply with 'Sewers for Adoption, 7th Edition' and to the satisfaction of Southern Water. Only Southern Water Standard Construction details must be used for the adoptable drainage works, where the contractor must obtain these details prior to the commencement of the works.
- All adoptable drainage pipes shall have 360° Class S granular bed and surround. However, any pipes below the adoptable carriageway with less than 1.2m of cover (900mm in verge and untrafficked areas), shall receive concrete protection in accordance with Southern Water standard details.
- All drain and sewer pipes to be laid soffit to soffit, unless shown otherwise.
- Private drainage pipework to be 100mmØ unless shown otherwise on Engineering Layout Plans.
- 100mmØ private foul water & storm water drainage shall be laid no flatter than 1 in 80. 150mmØ pipework shall be laid no flatter than 1 in 150.
- Do not scale from this drawing, work only from stated dimensions or setting out details.
- All levels are in metres above Ordnance Datum.
- All private lateral connections to public sewers shall be 150mmØ unless shown otherwise.
- All foul and storm water drains which are not subject to adoption as public sewers under a Section 104 Agreement must be constructed in accordance with the latest Building Regulations, BS8301, and, where appropriate, the relevant agreement certificates.

KEY

EXISTING FOUL WATER SEWER & MANHOLE

PRIVATE FOUL WATER DRAIN, MANHOLE & DETAILS

PRIVATE SURFACE WATER DRAIN, MANHOLE & DETAILS

CATCHPIT

CELLULAR SOAKAWAY

CHANNEL DRAIN

FINISHED FLOOR LEVEL

SPOT LEVEL

FALL DIRECTION

FFL 8.45

+7.40

≤1/30



Drainage Notes:

- Sockaways designed to accommodate the 1:100yr + 40% event.
- Sockaway design based on infiltration rates obtained from onsite infiltration testing.
- Groundwater level recorded at c. 3.80mbgl (4m below the surface) in WS01 in August 2018. This maintains at least 2.2m buffer zone below the base of the proposed infiltration SUDS features.

Reva:
- Rear soakway relocated to avoid construction exclusion zone.
- FFL drain revised, front soakway relocated to suit

A		NP	20.09.18	See Reva box.
No.	By	Date	Revision Details	
© Copyright				
YORK HOUSE EDISON PARK DORCAN WAY SUNNINGDON WILTSHIRE SN4 3RB Tel : 01793 619965				
Web Site www.ColeEasdon.com E-mail cec@coleeasdon.com				
COLE EASDON CONSULTANTS				
Croudaire Properties				
Redevelopment at 58 Ferringham Lane Ferring Worthing				
Drawing Title Drainage Layout				
Drawing Status FOR COMMENT FOR DRAWING FOR TENDER FOR APPROVAL FOR CONSTRUCTION AS BUILT				
CONSTRUCTIONAL CLIENT / CONTRACTOR RISK				
Designed by:	LS/NP	Drawn by:	LS/NP	Checked by:
Date:	Sept 2018	Scale:	1:200 (A3)	
Dwg No:	6470/501	Rev:	A	