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General Engineering Notes

1. This drawing shall be read in conjunction with all other relevant architects and engineers drawings.
2. It is the contractors responsibility to locate existing services where they may be affected by proposed works.
3. Design and construction details for all new or amended vehicle crossings to be approved by Highways England.
4. Where private drives fall towards adoptable highways, surface water run off shall be prevented from draining onto public areas with the use of a channel channel and joint gully or proprietary drainage channel located at the rear of adoptable footpath.
5. Where private drives fall towards private garages, a drainage channel with internal fall shall be used to prevent flooding of garages. Channels to be Acor or similar approved.
6. All private drainage to be 100mm dia. with minimum falls of 1:80 unless noted otherwise.
7. All adoptable drainage shall be either clay, to BS65, with either socket or sleeve joint or concrete to BS5911 part 1.
8. All domestic drainage beneath adoptable highways shall be verified clay extra strength and with concrete bed and surround should cover be less than 1200mm.
9. Any discontinuities, anomalies or anomalies in the information provided on this or any of the engineering drawings package must be reported prior to work proceeding.
10. The test or disconnecting length of any building drainage system which connects to adoptable or adopted sewers shall be 150mm dia.
11. Block paving in adoptable carriageways to be 775 in colour and laid to 45 deg. herringbone pattern.
12. Any service strips and areas within the road junctions (not footway or carriageway) shall be grassed.
13. Gullies shall not be placed within the limits of dropped crossings used by pedestrians or vehicles unless required for a low point.
14. Stop rock and water covers shall not be located within vehicular crossing construction.

Rev Amendment

By Date

P1 First Issue

SWF 19.11.12

ADOPTABLE DRAINAGE

F1	ADOPTABLE SEWERS
S1	Manholes, references, invert levels & pipe details. To be read in conjunction with Engineers' Details.
RDS	ROAD GULLY Trapped and roddable with 100mm dia. outlet.

PRIVATE DRAINAGE

INSPECTION CHAMBERS	Less than 0.6m depth Road in conjunction with Standard Drainage Details.
INSPECTION CHAMBERS	0.6m to 1.2m OR restricted access >1.2m (ASDRA). Read in conjunction with Standard Drainage Details.
INSPECTION CHAMBERS	1.2m to 1.5m depth Road in conjunction with Standard Drainage Details.
YARD GULLY	Trapped and roddable with 100mm dia. outlet.
AD	Drainage Channel: Trapped and roddable with 100mm dia. outlet.
CC	PCC Dished Channel see detail on drawing sheet.

REGRADE

RETAINING WALL	to S.E. details
WALLS TO BE TAINED	150MM above ground level
UNDERBUILD	Exposed brickwork below normal 150mm below 900
LOW RETAINING	"slee on edge" (max 0.3M) gravel boards below fences (max 0.6M)
AMBULANT STEPS	0.3M going 0.15M max rise
LEVEL THRESHOLD	120mm (mm) Level area with true thresholds
PROPOSED GRADIENT	Normal gradients not requiring banking or handrails
PROPOSED BANKING	With gradient.
PROPOSED FINISHED LEVELS	Proposed regressed or constructed level
PROPOSED FINISHED LEVELS	Proposed unchanged existing level from interpolated survey

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Client

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Drawing

CIVIL ENGINEERING
Proposed Adoptable Drainage
Public Foul & Highway Storm (sh 4)
Project
Taverner & Freemantle Close, Basingstoke

Scale

1:200 @ A0

Date

19.11.12

Approved

Drawing No.

1216/510 P1

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