

**ADOPTABLE DRAINAGE**

	<b>ADOPTABLE SEWERS</b> Markings, reference, invert levels & pipe details. To be read in conjunction with Engineers' Details.
	<b>ROAD GULLY</b> Trapped and roddable with 150mm Ø outlet.

**PRIVATE DRAINAGE**

	<b>INSPECTION CHAMBERS</b> Less than 0.6m depth Road in conjunction with Standard Drainage Details.
	<b>INSPECTION CHAMBERS</b> 0.6m to 1.2m OR restricted access >1.2m (400mm) Road in conjunction with Standard Drainage Details.
	<b>INSPECTION CHAMBERS</b> 1.2m to 1.5m depth Road in conjunction with Standard Drainage Details.
	<b>YARD GULLY</b> Trapped and roddable with 100mm dia. outlet.
	<b>Drainage Channel:</b> Trapped and roddable with 100mm dia. outlet.
	<b>PCC Channel</b> see detail on drawing 48444.

**REGRADE**

	<b>RETAINING WALL</b> In S.E. areas
	<b>WALLS TO BE TANKED</b> 100MM above ground level
	<b>UNDERBUILD</b> Excavated slabwork below normal 150mm below dpc.
	<b>LOW RETAINING</b> 200mm on edge (max 0.3M) or gravel boards below fences (max 0.6M)
	<b>AMBULANT STEPS</b> 0.3M going 0.15M max rise
	<b>LEVEL THRESHOLD 1.2M (min)</b> Level area with flush threshold
	<b>PROPOSED GRADIENT</b> Normal gradients not requiring banking or handrails
	<b>PROPOSED BANKING</b> With gradient
	<b>PROPOSED FINISHED LEVELS</b> Proposed repaved or constructed level.
	<b>PROPOSED FINISHED LEVELS</b> Proposed unchanged existing level from interpolated survey.

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**General Engineering Notes**

- This drawing shall be read in conjunction with all other relevant architects and engineers drawings.
- It is the contractors responsibility to locate existing services where they may be affected by proposed works.
- Design and construction details for all new or amended vehicle crossings to be approved by Highways.
- Where private drives fall towards adoptable highways, surface water run off shall be prevented from draining onto public areas with the use of a drained channel and joint gully or proprietary drainage channel located at the rear of adoptable footpath.
- 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.
- All private drainage to be 100mm dia. with minimum falls of 1:80 unless noted otherwise.
- All adoptable drainage shall be either clay, to BS65, with either socket or sleeve joint or concrete to BS6911 part 1.
- All domestic drainage beneath adoptable highways shall be vitified clay extra strength and with concrete bed and surround should cover be less than 1200mm.
- Any discrepancies, omissions or inaccuracies in the information provided on this or any of the engineering drawings package must be reported prior to work proceeding.
- The test or disconnecting length of any building drainage system which connects to adoptable or adopted sewers shall be 150mm dia.
- Block paving in adoptable carriageways to be 777 in colour and laid to 45 deg. herringbone pattern.
- Any service steps and areas within the road junctions (non footway or carriageway) shall be graded.
- Guides shall not be placed within the limits of dropped curbs used by pedestrians or vehicles unless required for a low point.
- Stop cock and meter covers shall not be located within vehicular crossing construction.

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Client

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Drawing

CIVIL ENGINEERING  
Proposed Adoptable Drainage  
Public Foul & Highway Storm (sh 3)  
Project

Taverner & Freemantle Close, Basingstoke

Scale 1:200 @ A0 Date 19.11.12 Approved

Drawing No. 1216/509 P1

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STATUS: FOR TENDER