A1

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 Herts Highways.
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 dished channel and yard gully or proprietor 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 'Aco' 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 vitrified clay extra strength and with concrete bed and surround should cover be less than 1200mm.
9. Any discrepancies, ambiguities or anomalies in the information provided on this or any of the engineering drawings package must be reported prior to work proceeding.
10. The last 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 ??? in colour and laid to 45 deg. herringbone pattern.
12. Any service strips and areas within the road junctions (non 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 cock and meter covers shall not be located within vehicular crossing construction.

SURFACE LEVEL DATA

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	-1.64	-0.38	
2	-0.38	-0.23	
3	-0.23	-0.14	
4	-0.14	-0.07	
5	-0.07	-0.01	
6	-0.01	0.01	
7	0.01	0.06	
8	0.06	0.11	
9	0.11	0.17	
10	0.17	0.23	
11	0.23	0.30	
12	0.30	0.38	
13	0.38	0.48	
14	0.48	0.66	
15	0.66	0.97	

Rev	Amendment	By	Date
P1	First issue.	SWF	25.11.11

Cut & Fill Volumes

surfBase	surfCompare	volCut	volFill	volNet
Existing Survey (1)	Proposed Levels	3315.79	13744.18	10428.39
Existing Survey (1)	Proposed Levels -600mm	22193.84	3488.55	-18705.29
Existing Survey (1)	Proposed Levels - roads and parking only	1439.48	3377.07	1937.59
Existing Survey (1)	Proposed Levels - roads and parking only -600mm	8442.97	534.77	-7908.20
Proposed Levels - roads and parking only -600mm	Proposed Levels - roads and parking only	0.00	9856.10	9856.10

Cut & Fill Schematic

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Client

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WILLMOTT DIXON

Drawing

CIVIL ENGINEERING
Cut & Fill Anlaysis
Isopachyte & Contours

Project

Taverner & Freemantle Close, Bassingstoke

Scale	Date	Approved
1:500 @ A1	15.02.13	

Drawing no.

1216/515 P1

STATUS: FOR TENDER

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