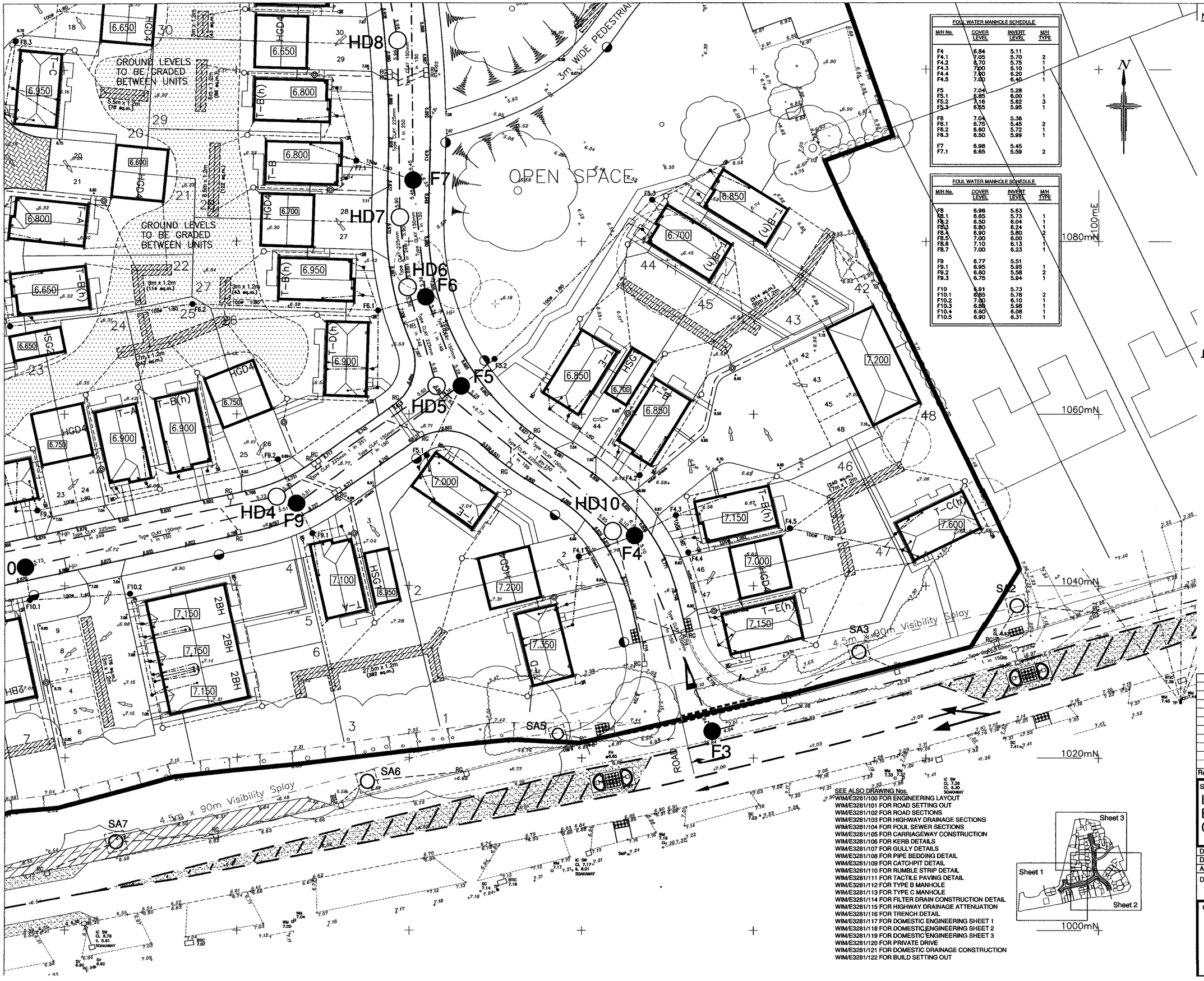

FOUL WATER MANHOLE SCHEDULE			
M/H No.	COVER LEVEL	INVERT LEVEL	M/H TYPE
F4	6.84	5.11	
F4.1	7.05	5.70	2
F4.2	6.70	5.75	1
F4.3	7.00	6.10	1
F4.4	7.00	6.20	1
F4.5	7.00	6.40	1
F5	7.04	5.28	
F5.1	6.85	6.00	1
F5.2	7.16	5.82	3
F5.3	6.65	5.95	1
F6	7.04	5.36	
F6.1	6.75	5.45	2
F6.2	6.60	5.72	1
F6.3	6.50	5.99	1
F7	6.98	5.45	
F7.1	6.65	5.59	2

FOUL WATER MANHOLE SCHEDULE			
M/H No.	COVER LEVEL	INVERT LEVEL	M/H TYPE
F8	6.96	5.63	
F8.1	6.65	5.73	1
F8.2	6.50	6.04	1
F8.3	6.80	6.24	1
F8.4	6.90	5.80	2
F8.5	7.00	6.00	1
F8.6	7.10	6.13	1
F8.7	7.00	6.23	1
F9	6.77	5.51	
F9.1	6.95	5.95	1
F9.2	6.60	5.58	2
F9.3	6.75	5.94	1
F10	6.91	5.73	
F10.1	6.85	5.78	2
F10.2	7.00	6.10	1
F10.3	6.88	5.98	1
F10.4	6.80	6.08	1
F10.5	6.90	6.31	1

NOTES

1) FW & SW house drainage is to be constructed in accordance with the Building Regulations & BS8301
2) Drains are to be constructed using flexibly jointed vitrified clay pipes to BS EN 295-1991 "Super Strength" specification (e.g. Hepworth Supersleeve or similar) or uPVC drainage pipework to BS4660 & BS2494, bedded & backfilled in accordance with manufacturers instructions
3) Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS8301-Fig. 9
4) Access fittings & inspection chambers as table below:-

TYPE	DEPTH RANGE	DESCRIPTION
1	UP to 1.0m	450mm diameter Polypropylene inspection chamber
2	1.0m to 1.5m	1050mm diameter p.c.c. chamber rings or 1200mm x 750mm rect. chamber sections
3	1.5m to 2.7m	1200mm diameter p.c.c. chamber rings or 1200 x 750mm rect. chamber sections
RE	RE	Rodding point at head of drain

5) As an alternative to the construction of domestic drainage chambers deeper than 1.0m, the "Osma Non - entry Inspection Chamber", 500mm dia. polypropylene chamber to a maximum depth of 3.0m may be used subject to the approval of the local building inspector or the NHBC inspector.
6) Cover levels indicated on the Drainage Schedules are nominal & may be adjusted to suit finished ground levels as necessary Inspection chamber covers should be Grade D400 in trafficked areas Grade B125 in parking areas and occasional traffic and A15 in pedestrian only areas
7) Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access
8) The positions of SVP's, stub stacks, WC outlets, Back inlet gullies etc. & rainwater downpipes are to be accurately located from the house type working drawings
9) Generally FW drains are to be laid to falls of 1 in 40, SW drains are to be laid to falls of 1 in 60, both in 100mm diameter pipes, unless stated otherwise , or where a schedule is provided

Connections to Adoptable sewers to be 150mm diameter

10) Gullies situated in areas accessible to wheeled vehicles to be of suitable construction (e.g. Hepworth code RGN5 gully pot with in-situ concrete bed & surround, fitted with code RG3 grating

KEY

- Surface water drainage — S3.1
- Foul water drainage — F3
- House connection via 250mm dia. shallow access chamber not more than 600mm deep
- Soil vent pipe (to atmosphere) — G
- Road gully & connection
- Yard gully & connection
- Rodding eye — RE
- Filter drain and connection
- Trench Soakaway (Length x Width) & (contributing area) — 6m x 1.2m (110sq.m.)
- Pram crossing
- Proposed ground level — * 6.900
- Existing ground level — 6.060
- Indication of falls
- DAMP PROOF COURSE LEVELS (DPC) — 6.500

SEE ALSO DRAWING Nos.
WIM/E3281/100 FOR ENGINEERING LAYOUT
WIM/E3281/101 FOR ROAD SETTING OUT
WIM/E3281/102 FOR ROAD SECTIONS
WIM/E3281/103 FOR HIGHWAY DRAINAGE SECTIONS
WIM/E3281/104 FOR FOUL SEWER SECTIONS
WIM/E3281/105 FOR CARRIAGEWAY CONSTRUCTION
WIM/E3281/106 FOR KERB DETAILS
WIM/E3281/107 FOR GULLY DETAILS
WIM/E3281/108 FOR PIPE BEDDING DETAIL
WIM/E3281/109 FOR CATCHPIT DETAIL
WIM/E3281/110 FOR RUMBLE STRIP DETAIL
WIM/E3281/111 FOR TACTILE PAVING DETAIL
WIM/E3281/112 FOR TYPE B MANHOLE
WIM/E3281/113 FOR TYPE C MANHOLE
WIM/E3281/114 FOR FILTER DRAIN CONSTRUCTION DETAIL
WIM/E3281/115 FOR HIGHWAY DRAINAGE ATTENUATION
WIM/E3281/116 FOR TRENCH DETAIL
WIM/E3281/117 FOR DOMESTIC ENGINEERING SHEET 1
WIM/E3281/118 FOR DOMESTIC ENGINEERING SHEET 2
WIM/E3281/119 FOR DOMESTIC ENGINEERING SHEET 3
WIM/E3281/120 FOR PRIVATE DRIVE
WIM/E3281/121 FOR DOMESTIC DRAINAGE CONSTRUCTION
WIM/E3281/122 FOR BUILD SETTING OUT

Rev.	Date	Details	By	Chk

Site:-
LAND OFF BIRDHAM ROAD CHICHESTER

Drawing Title:-
DOMESTIC ENGINEERING LAYOUT
Sheet 2 of 3

Date:	Nov.2004	Scales:	1:200
Drawn:	SLW	Checked:	KMR
AutoCAD Ref. :			

Drawing No.
WIM/E3281/118

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