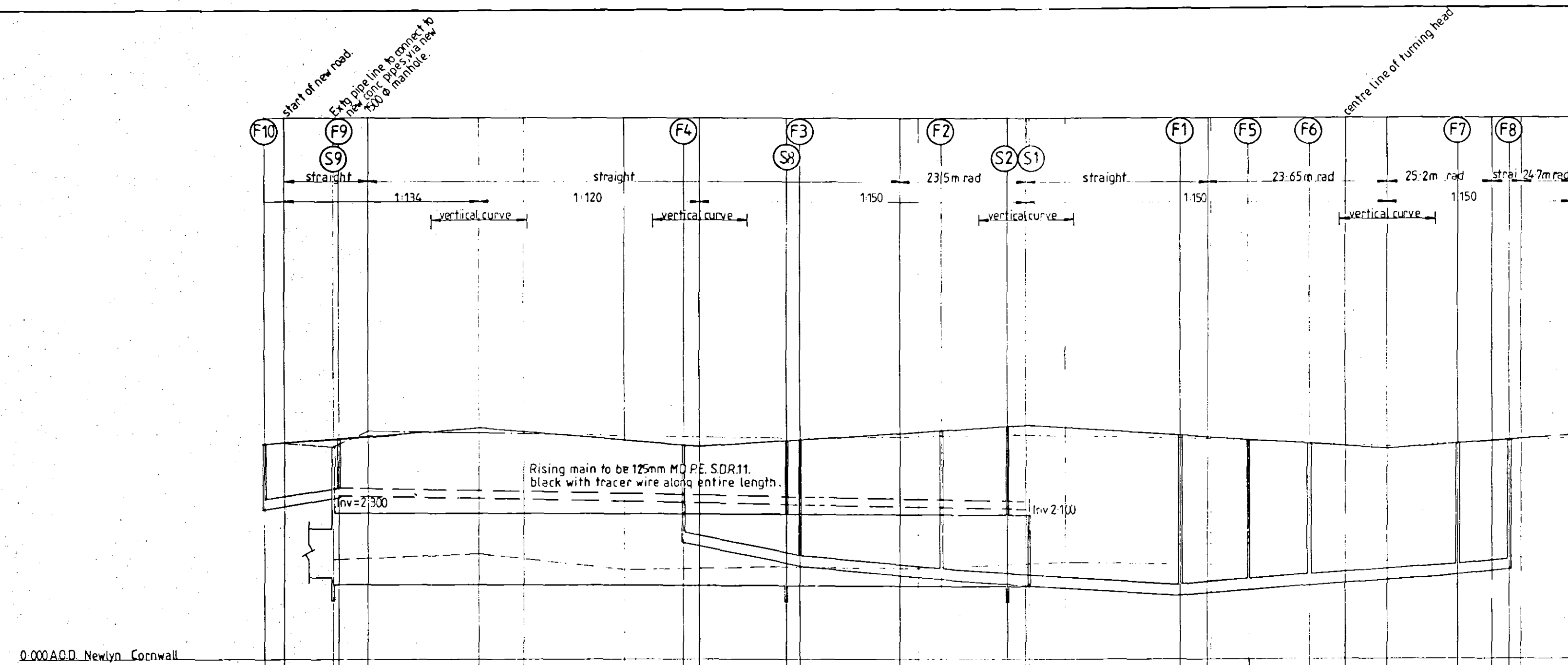
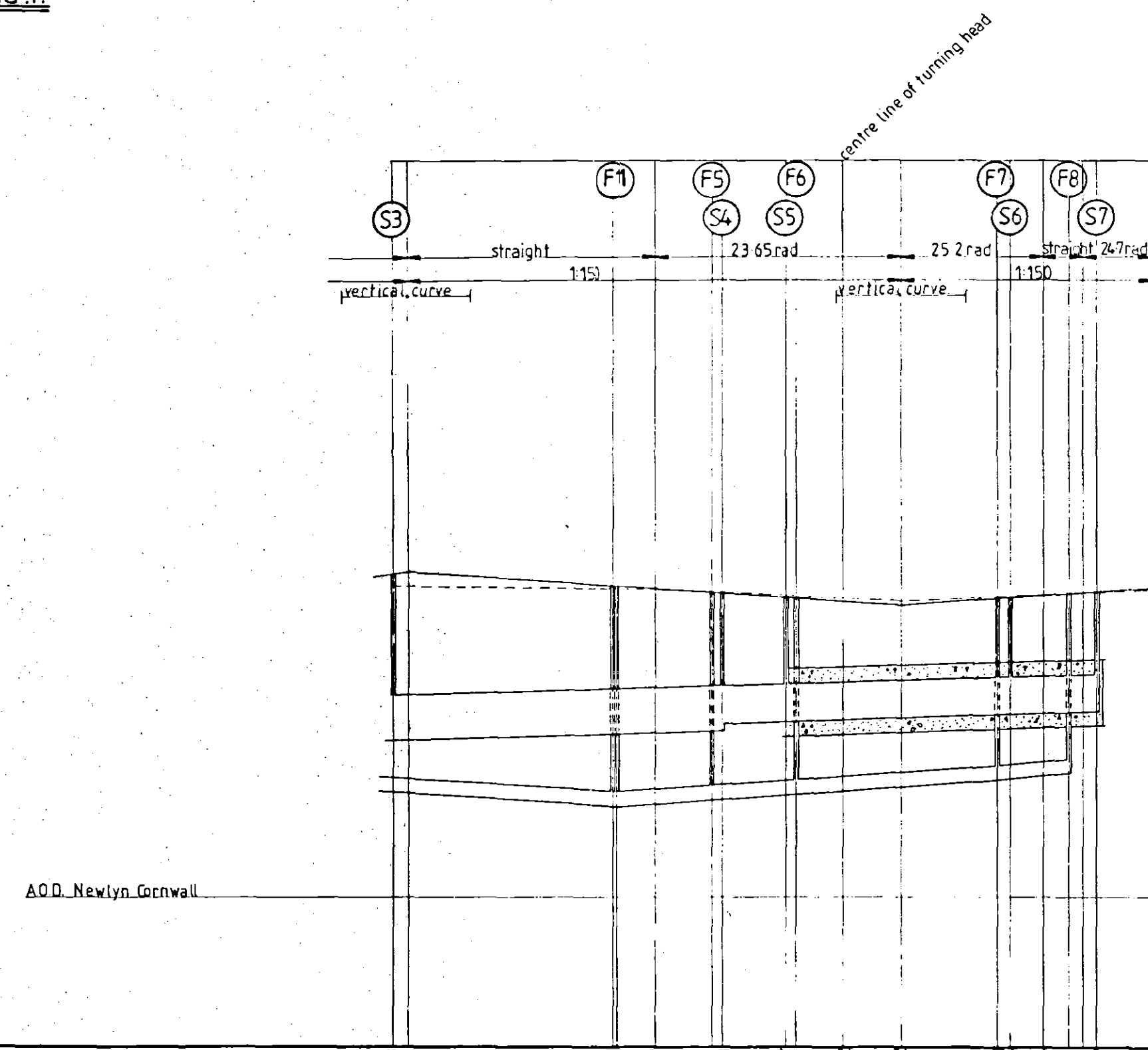




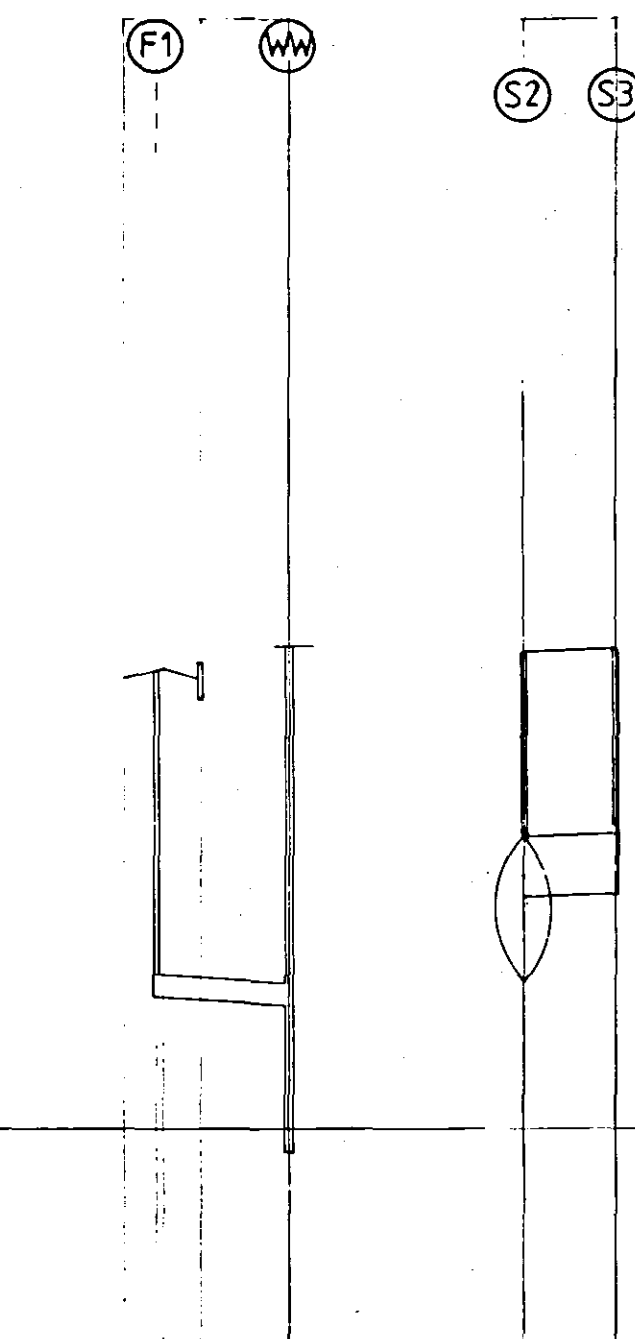
Distance (in metres)	2.750	0.000	4.700	11.400	26.600	33.000	46.700	54.620	56.700	68.000	70.500	84.900	86.700	90.750	98.750	101.200	106.700	122.200	126.700	131.770	140.750	145.000	160.750	165.150	167.550	169.150	175.900
Existing Ground Levels.	3.038	3.038	2.985	2.920	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150
Proposed Road Levels.	3.042	3.038	2.985	2.920	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150
Surface Water Sewer Inverts.	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42
Foul Water Sewer Inverts.	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092

Section through road 1.



Distance.(in metres)	99.800	101.300	122.270	126.200	131.500	139.250	145.000	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750	150.750
Existing Ground Levels.	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150	3.150
Proposed Road Levels.	3.283	3.283	3.167	3.117	3.089	3.089	3.036	2.992	2.952	2.985	3.018	3.025	3.050	3.054	3.054	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053	3.053
Surface Water Sewer Inverts.	1.985	1.985	33m of 450 dia @ 1:416		1.645	1.645	1.645	22m of 375 dia @ 1:333	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Foul Water Sewer Inverts.	0.905	0.905	95m of 150 dia @ 1:150	0.905	0.905	0.905	20.15 of 150 dia @ 1:150	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905	0.905

Section through road 1. from chainage 100.00.



Distance (in metres)	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Existing Ground Levels.	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038
Proposed Road Levels.	3.042	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038	3.038
Surface Water Sewer Inverts.	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42	18.42
Foul Water Sewer Inverts.	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092	2.092

Section through foul sewer to wetwell.

Section through surface water sewer.

E	11/4/03	CONCRETE BED & SLOPE ADDED TO SURFACE WATER LINE BETWEEN MANHOLES S6 & S7.
D	20/3/03	MANHOLE F4 MOVED BACK TO ORIGINAL POSITION. MANHOLES F6, F7, F8 & S5, S6 & S7 ADJUSTED SLIGHTLY TO INCORPORATE REVISED LATERAL POSITIONS AT DEVELOPERS REQUEST.
C	14/3/03	DRAINAGE BOARD'S MANHOLES S6 & S7 ADJUSTED SO ONLY ONE MANHOLE REQUIRED. RISING MAIN MANHOLES F9 & F10 POSITIONED & DETAILED AFTER CONSULTATION WITH A.W.
B	28/2/03	MANHOLE F4 INCREASED IN LENGTH BY 13M TO AID THE DRAINAGE FOR PLOT 1. M.H. F1 & F2 REPOSITIONED BY 1M DUE TO HOUSE POSITION ALTERATIONS. SURFACE WATER SEWERS REDESIGNED & REDRAWN TO TAKE IN TO ACCOUNT EXTRA ROOF WATER & PRIVATE DRIVE WATER & ALSO FOR CLARITY.
A	7/2/03	I.D.B. PIPELINE BETWEEN S10 & S11 INCREASED FROM 675mm TO 1000mm AT I.D.B. REQUEST. A.W. SURFACE WATER SEWERS ALTERED SO THE PIPELINES ARE LEVEL AT THE SOFFITS AND NOT THE INVERTS. M.H. POSITIONS MOVED DUE TO BUILDERS MOVING HOUSE POSITIONS AROUND & TO CATER FOR LARGER S.W. PIPES.

19 AUG 2003
1022/03

WITAM VALLEY
CIVIL ENGINEERING LTD.

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Project
Residential Development at
Edward Road, Spalding. for
Broadgate Homes Limited.

Drawing Type
Longitudinal Section of
Roads and Sewers.

Client
Broadgate Homes Ltd.
Broadgate House,
Weston Hills,
Spalding,
Lincolnshire.
PE12 6db.

Drawing No.
E02/BHL/ERS/02

Scale
1/500 horiz. 1/50 Vert.

Drawn By
P. Grimwood.

Rev.