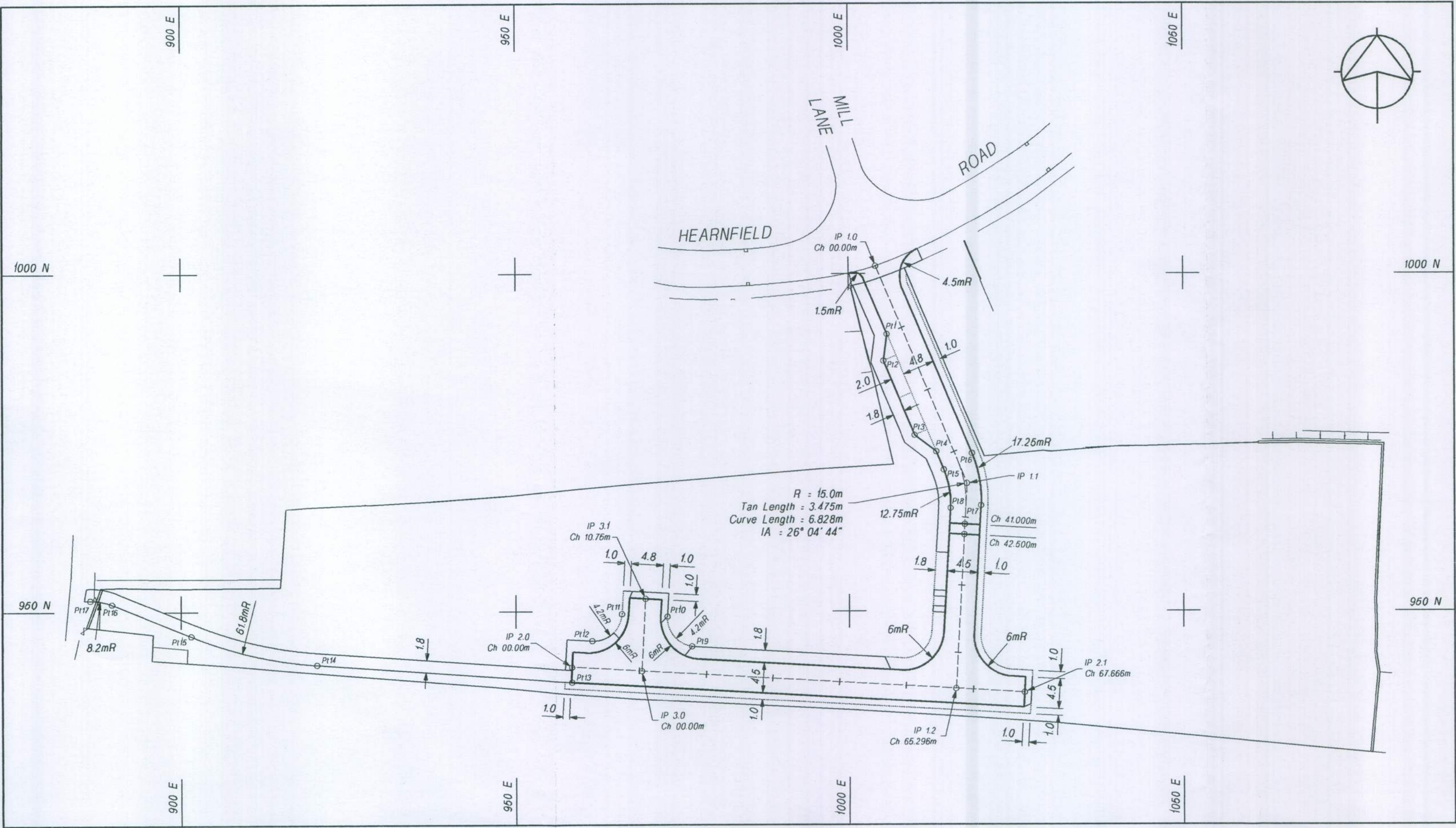




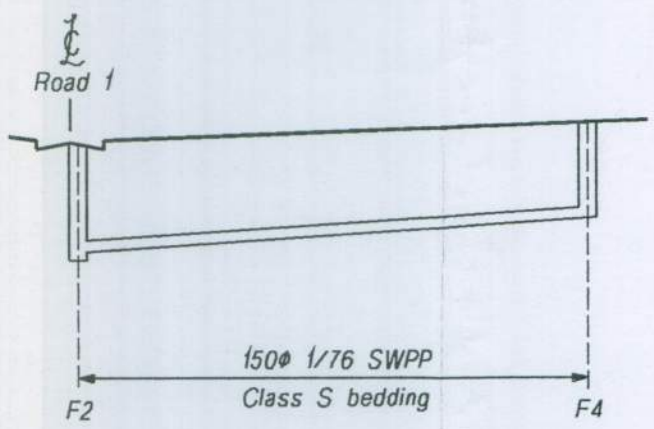
FOUL WATER MANHOLE CO-ORDINATE CONTROL		
MH No.	EASTINGS	NORTHINGS
F1	1010.644	982.863
F2	1017.726	964.665
F3	1015.680	952.270
F4	1051.903	963.228

HIGHWAY CATCHPIT CO-ORDINATE CONTROL		
CP No.	EASTINGS	NORTHINGS
CP1	1018.343	969.726
CP2	1008.720	992.591
CP3	1028.888	938.494
CP4	983.045	941.100

ROAD CENTRE LINE SETTING OUT CO-ORDINATES			
IP No.	EASTINGS	NORTHINGS	RADIUS
ROAD 1			
IP 1.0	1004.031	1001.154	
IP 1.1	1017.625	968.855	15.0
IP 1.2	1015.901	938.531	
ROAD 2			
IP 2.0	958.577	941.789	
IP 2.1	1026.134	937.949	
ROAD 2 - TURNING HEAD			
IP 3.0	968.960	941.199	
IP 3.1	969.570	951.932	

FOOTPATH AND KERBLINE CO-ORDINATES					
Pt. No.	EASTINGS	NORTHINGS	Pt. No.	EASTINGS	NORTHINGS
PH	1005.703	990.996	PH10	972.823	949.243
PH2	1005.203	987.027	PH11	966.034	949.629
PH3	1009.858	975.967	PH12	961.602	945.674
PH4	1013.045	973.550	PH13	958.570	939.536
PH5	1014.183	970.846	PH14	920.281	942.142
PH6	1018.370	973.271	PH15	901.503	946.429
PH7	1019.693	965.601	PH16	889.641	951.179
PH8	1015.162	965.175	PH17	886.405	951.764
PH9	976.778	944.811			

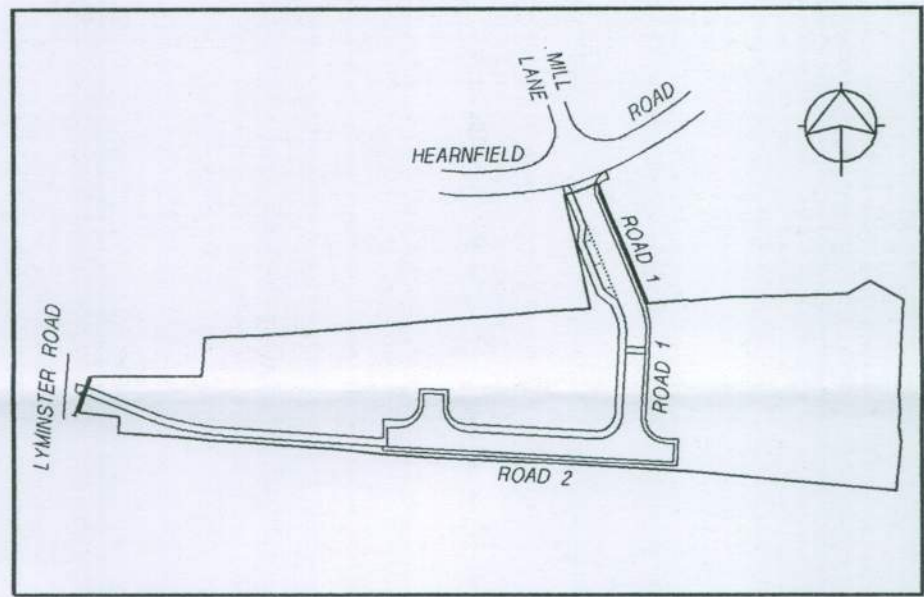
HIGHWAY SOAKAWAY CO-ORDINATE CONTROL		
SA No.	EASTINGS	NORTHINGS
SA1	1022.853	969.771
SA1	1027.853	969.771
SA2	1024.184	943.849
SA2	1029.176	943.655
SA2	1034.168	943.282



FINISHED GROUND LEVELS	6.420	6.700
FOUL WATER INVERT LEVELS	4.90 5.00	5.45
CHAINAGE	0.000	34.000

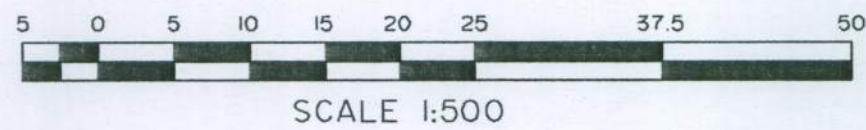
LONGITUDINAL SECTION - F2 to F4

Scale - Vert 1:100
Hor 1:500



SCHEMATIC ROAD LAYOUT

Scale - NTS



SCALE 1:500

-1m A.O.D.

EXISTING GROUND LEVELS	5.970	5.970	5.950	5.920	5.400	5.450	5.330	5.880	5.900
PROPOSED C'WAY & LEVELS	5.970	6.170	6.310	6.417	6.478	6.478	6.449	6.078	6.082
LEFT HAND CHANNEL LEVELS		6.10	6.300	6.387	6.408	6.406	6.387		
RIGHT HAND CHANNEL LEVELS			6.300	6.387	6.408	6.406	6.387		
HORIZONTAL ALIGNMENT	STRAIGHT L : 31.669m				STRAIGHT L : 26.899m				
VERTICAL ALIGNMENT	GRADIENT +2.0000%		VERTICAL CURVE L : 20m		GRADIENT -1.7067%		GRADIENT -1.7067%		
SURFACE WATER INVERT LEVELS	4.20		4.00		3.95		4.35		
FOUL WATER INVERT LEVELS	4.64		4.75		4.90		5.00		
CHAINAGE	0.000	0.000	20.000	26.000	30.000	35.000	40.000	50.000	60.000

LONGITUDINAL SECTION - ROAD 1

Scale - Vert 1:100
Hor 1:500

-1m A.O.D.

EXISTING GROUND LEVELS	5.300	5.300	5.270	5.270	5.228	5.228	5.228	5.228	5.228
PROPOSED C'WAY & LEVELS	5.344	5.400	5.270	5.270	5.228	5.228	5.228	5.228	5.228
LEFT HAND CHANNEL LEVELS		5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29
RIGHT HAND CHANNEL LEVELS		5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29
HORIZONTAL ALIGNMENT	STRAIGHT LENGTH : 67.666m								
VERTICAL ALIGNMENT	GRADIENT -1.2500%		VERTICAL CURVE L : 20m		VERTICAL CURVE L : 20m		GRADIENT -1.2500%		
SURFACE WATER INVERT LEVELS	4.80		4.80		4.80		4.40		
FOUL WATER INVERT LEVELS	4.80		4.80		4.80		4.40		
CHAINAGE	0.000	0.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000

LONGITUDINAL SECTION - ROAD 2

Scale - Vert 1:100
Hor 1:500

NOTES

- Manhole invert levels relate to outgoing pipe invert. All pipework to be laid soffit to soffit.
- All pipework and fittings are to comply with the following:
SWPP - Structural Wall Plastic Pipes in accordance with WIS4-35-01 (Upon Ultra Fortis or similar approved). Resistant to a jetting pressure of 4000 psi. Laid in 3m nominal lengths.
VITRIFIED CLAY - to BS EN 295 (Iroul) and BS 65 (surface) Extra Strength Clayware
CONCRETE - to BS 5911-1:2002 Class 120
DUCTILE IRON - to BS EN 598
RIGID - RIDGISEWER polypropylene pipework and fittings by POLYPIPE in accordance with WIS 4-35-01.
- Unless indicated as otherwise all pipework to be laid in Class S granular bed and surround.
- All pipework under carriageways, and adjacent areas subject to vehicle loading, with less than 12m cover, to have 150mm thick concrete bed and surround, Grade C20P, with flexibility of joints maintained by compressible former.
- All gully connections to have concrete bed and surround as indicated on the appropriate construction detail.

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Client **ABBEY DEVELOPMENTS LTD.**

Project **HEARNFIELD ROAD, WICK
LITTLEHAMPTON, WEST SUSSEX**

Drawing **ROAD AND DRAINAGE SETTING
OUT PLAN & LONGITUDINAL SECTIONS**

Scales Horizontal: 1:500 at A1 Vertical: 1:100 Date: May 2011
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