

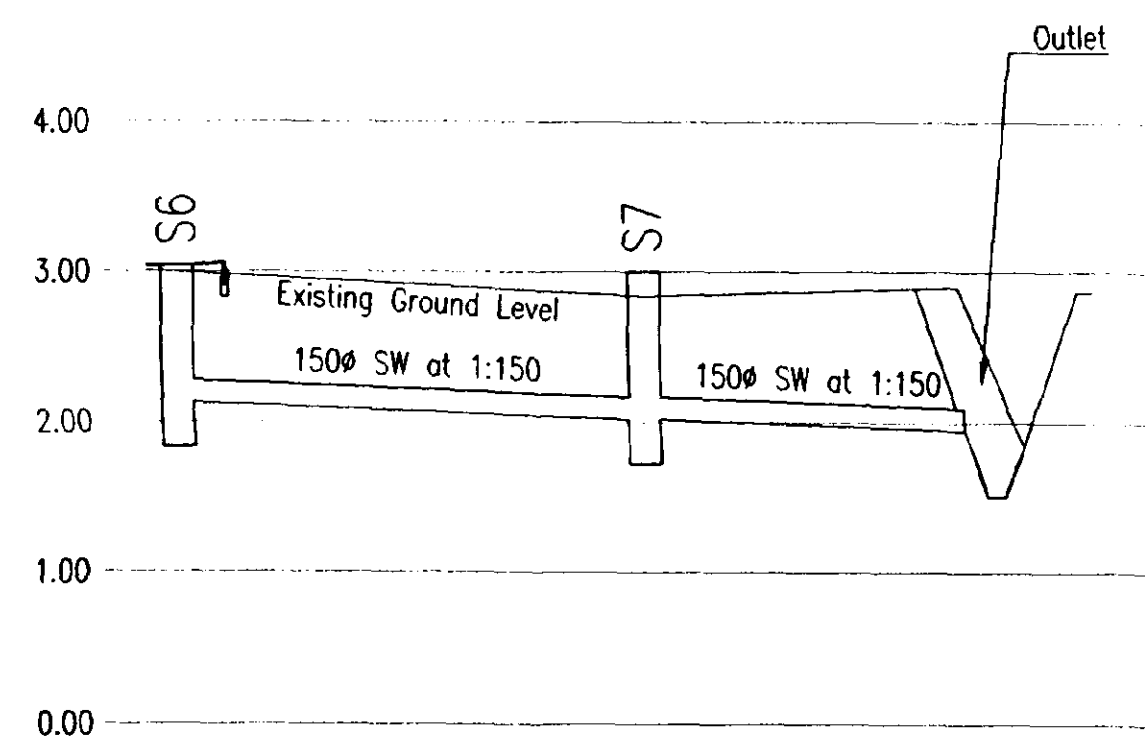
For Proposed Site Plan refer to SRC drawing no. 33202/01.

For Road & Drainage Sections & Details refer to SRC drg. nos. 33202/04 & 33202/05.

For extent of concrete encasements to pipework refer to pipe run schedule on SRC drawing no. 33202/01.

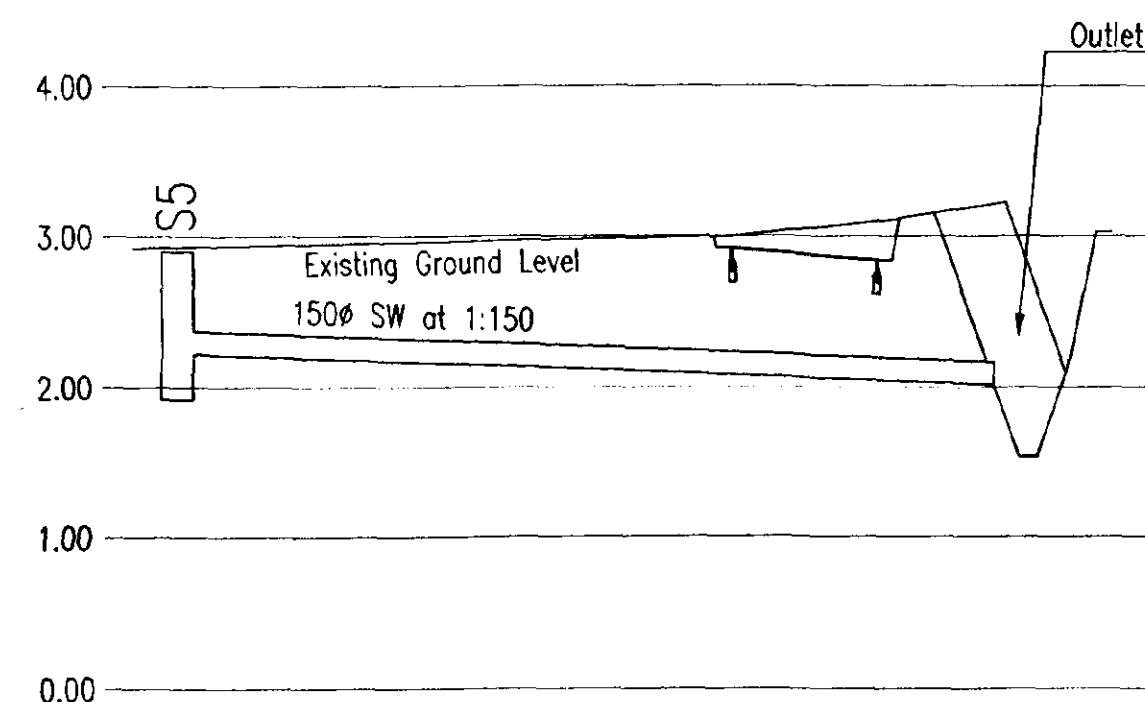
Longitudinal Section through Surface Water Sewer

Chainage		0.00		23.35		44.67		91.07		121.76		124.99		127.16		136.96		139.24		141.69
Proposed Levels		3.86		3.53		3.10		3.10		2.93		2.92		3.09		3.15		3.04		3.15
Existing Levels		3.11		3.04		2.97		2.97		3.00		3.04		3.06		3.15		3.06		3.15
Surface Water Manhole Inverts	S1	2.44		S1a	2.28		S2	2.07		S3	1.86		S4	1.72						



Longitudinal Section through Surface Water Sewer

Chainage		0.00		15.42		24.44		26.07		27.13		28.78
Proposed Levels		3.04		3.00		2.89		2.89		2.87		2.87
Existing Levels		3.06		2.84		2.89		2.89		2.87		2.87
Surface Water Manhole Inverts	S6	1.81		S7	1.72		Pipe 1	1.94		Pipe 2	1.94	



Longitudinal Section through Surface Water Sewer

Chainage		0.00		18.69		23.46		25.43		27.42		28.53		30.80
Proposed Levels		2.90		2.92		2.84		3.16		3.16		3.03		3.03
Existing Levels		2.90		3.00		3.10		3.16		3.16		3.03		3.03
Surface Water Manhole Inverts	S5	1.92				Pipe 1	2.00		Pipe 2	1.53				

DETERMINED PLAN

REV	DATE	REMARKS
A	20/11/02	Surface water manhole positions amended between pipe runs S3 and S1. Surface water manhole S1a added. Proposed site/ road levels amended local to entrance off Lowgate. Longitudinal sections updated.

STATUS FOR INFORMATION

SRC SIDEBOTTOM RICHARDSON CHENG LTD
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PROJECT
Proposed Res. Dev., at Land off Puddingpoke Lane, Lutton, Lincs., for D & H Builders Ltd.

TITLE
Longitudinal Sections

DATE	11/10/02	SCALE	1:250 (H), 1:50(V)
DRAWN	PJS	CHECKED	
DESIGN		FILENAME	33202-01-02-03

DRG No. 33202/03 REV A

SEVEN
Proposed to Government
15 JAN 2003
Ref 1360/02

Continued Below

Longitudinal Section through Foul Water Sewer

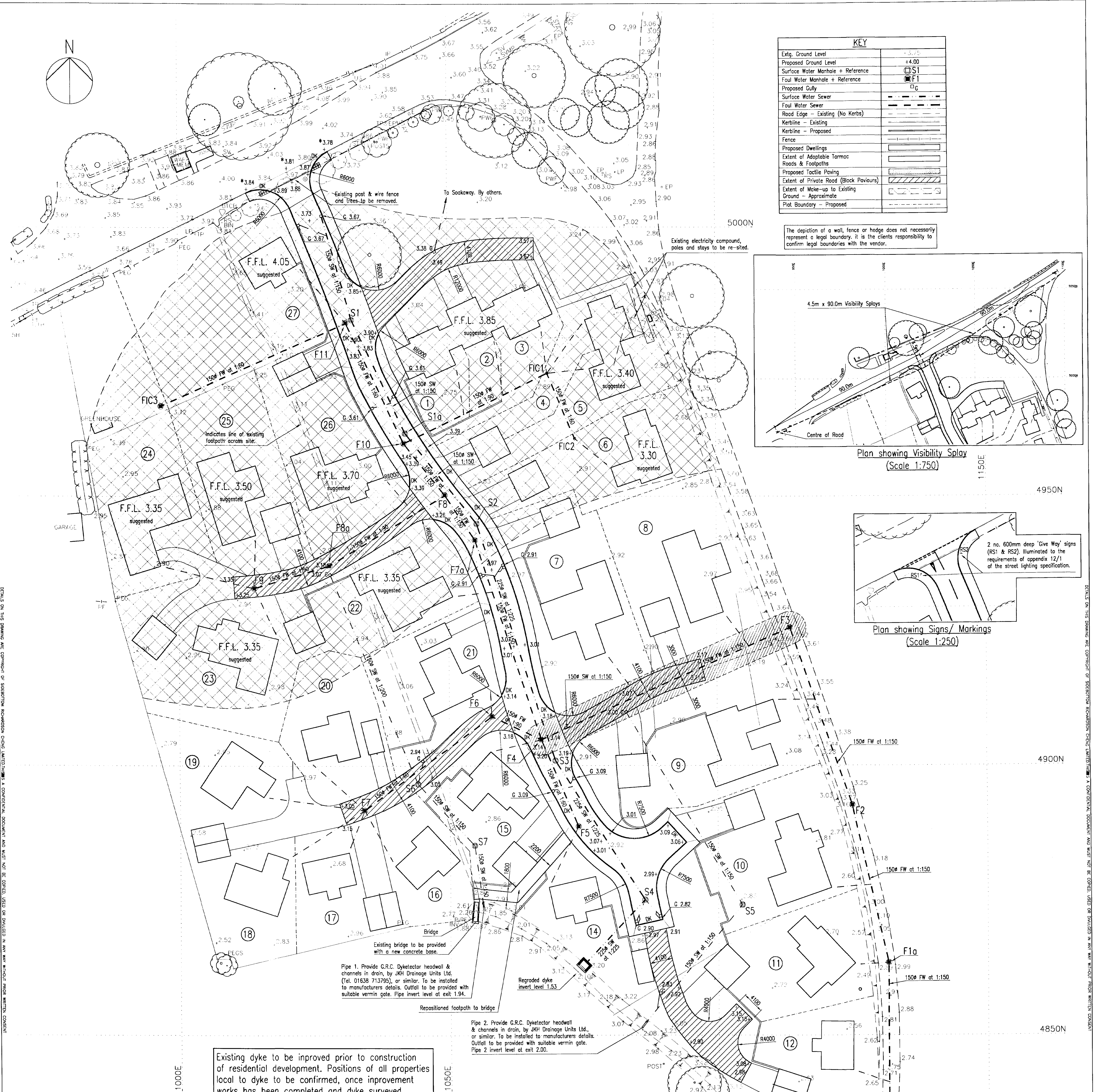
For extent of concrete encasements to pipework refer to pipe run schedule on SRC drawing no. 33202/01.



Incoming Private Roadway

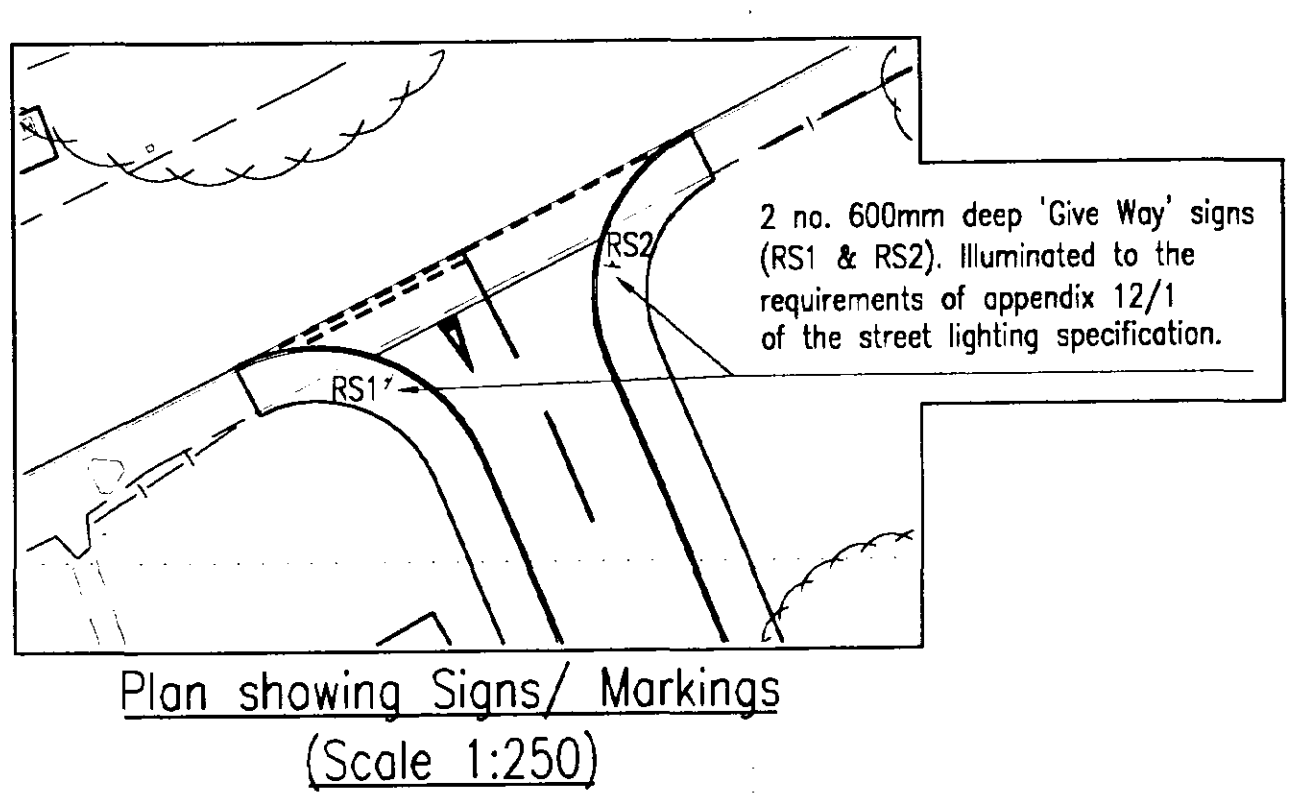
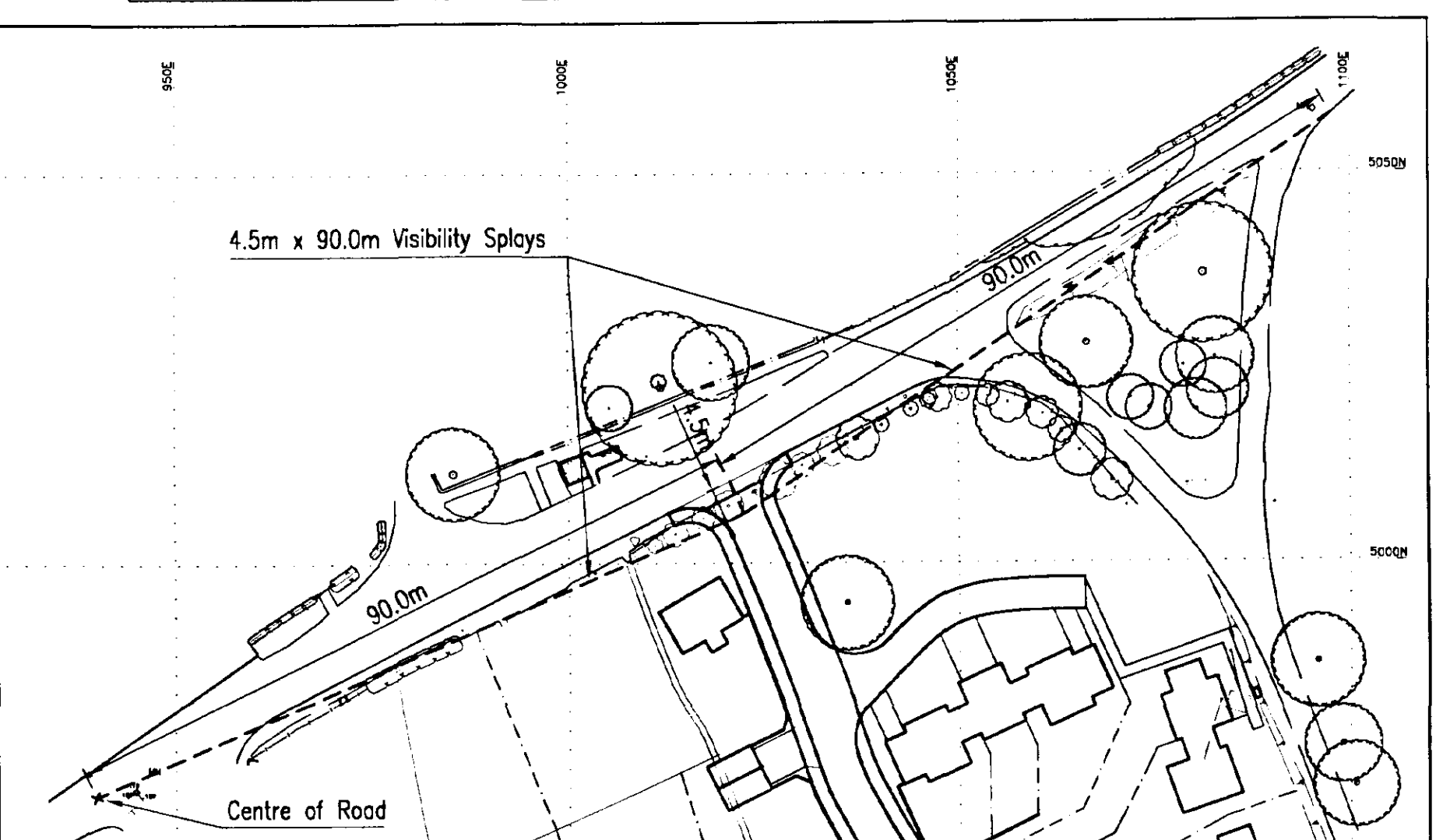
Private RoadPrivate Road

Proposed Residential Develop-
ment off Puddingpock Lane,
Lutton, Lincs., for
D & H Builders Ltd.



KEY	
Extg. Ground Level	+3.75
Proposed Ground Level	+4.00
Surface Water Manhole + Reference	S1
Foul Water Manhole + Reference	F1
Proposed Gully	G
Surface Water Sewer	SW
Foul Water Sewer	FW
Road Edge - Existing (No Kerbs)	---
Kerbline - Existing	---
Kerbline - Proposed	---
Fence	---
Proposed Dwellings	---
Extent of Adoptable Tarmac Roads & Footpaths	---
Proposed Tactile Paving	---
Extent of Private Road (Block Pavings)	---
Extent of Make-up to Existing Ground - Approximate	---
Plot Boundary - Proposed	---

The depiction of a wall, fence or hedge does not necessarily represent a legal boundary, it is the clients responsibility to confirm legal boundaries with the vendor.



Manhole Schedule									
Ref.	Cover Level	MH Invert	IL - Inlet	IL - Outlet	MH Dia. (mm)	MH Depth (mm)	Remarks	MH Cover Size & Grade	
1	1.95	1.94	1.95	1.94	1050	1420	Outfall / Scour Wall	600	Class D400
2	2.00	2.00	2.00	2.00	1050	1250	Pipe Outlet	600	Class D400
S1	3.86	2.44	2.74	2.74	1050	1420	New SW Manhole	600	Class D400
S2	3.53	2.28	2.58	2.58	1050	1250	New SW Manhole	600	Class D400
S3	3.10	2.07	2.44	2.44	1050	1030	New SW Manhole	600	Class D400
S4	2.93	1.72	2.02	2.02	1050	1210	New SW Manhole	600	Class D400
S5	2.90	1.92	2.22	2.22	1050	980	New SW Manhole	600	Class D400
S6	3.04	1.81	2.11	2.11	1050	1230	New SW Manhole	600	Class D400
S7	3.00	1.72	2.02	2.02	1050	1280	New SW Manhole	600	Class D400
F1	2.59	0.82	0.82	0.82	1350	1940	Extg. AWS FW MH	600	Class D400
F2	2.94	1.12	1.12	1.12	1350	1870	New FW Manhole	600	Class D400
F3	3.24	1.32	1.32	1.32	1350	1820	New FW Manhole	600	Class D400
F4	3.63	1.55	1.55	1.55	1350	2080	New FW Manhole	600	Class D400
F5	3.18	1.89	1.89	1.89	1350	1290	New FW Manhole	600	Class D400
F6	3.07	2.18	2.18	2.18	1050	890	New FW Manhole	600	Class D400
F7	3.12	2.00	2.00	2.00	1350	1120	New FW Manhole	600	Class D400
F8	3.07	2.49	2.49	2.49	1050	580	New FW Manhole	600	Class D400
F9	3.08	2.15	2.15	2.15	1050	930	New FW Manhole	600	Class D400
F10	3.28	2.22	2.22	2.22	1350	1060	New FW Manhole	600	Class D400
F11	3.12	2.50	2.50	2.50	620	620	New FW Manhole	600	Class D400
F12	3.25	2.68	2.68	2.68	1050	590	New FW Manhole	600	Class D400
F13	3.50	2.30	2.30	2.30	1350	1220	New FW Manhole	600	Class D400
F14	3.85	2.72	2.72	2.72	1130	770	New FW Manhole	600	Class D400
F15	3.40	2.63	2.63	2.63	1050	750	New FW Manhole	600	Class B125
F16	3.40	2.85	2.85	2.85	480	480	New FW Manhole	480	Class A15
F17	3.30	3.35	3.35	3.35	480	480	New FW Manhole	480	Class A15

Pipe Run Schedule									
Pipe Run (W/S-M/S)	Pipe Dia. (mm)	Gradient (1 IN X)	Length (m)	Pipe Type	Pipe Bedding				
S1 - S1a	150	150	23.3	Verifluid Clay	Concrete Surround				
S1a - S2	150	150	21.3	Verifluid Clay	Concrete Surround				
S2 - S3	225	225	46.4	Verifluid Clay	Concrete Surround				
S3 - S4	225	225	30.7	Verifluid Clay	Concrete Surround				
S4 - Outfall	225	225	15.8	Verifluid Clay	Concrete Surround				
S6 - S7	150	150	15.4	Verifluid Clay	Concrete Surround				
S7 - Pipe 1	150	150	11.4	Verifluid Clay	Concrete Surround				
S5 - Pipe 2	150	150	28.5	Verifluid Clay	Concrete Surround				
F1 - F1a	150	150	37.5	Verifluid Clay	Class S Bedding				
F1 - F1b	150	150	30.0	Verifluid Clay	Class S Bedding				
F1b - F2	150	150	34.8	Verifluid Clay	Class S Bedding				
F2 - F3	150	150	50.8	Verifluid Clay	Class S Bedding				
F3 - F4	150	150	10.2	Verifluid Clay	Concrete Surround				
F4 - F5	150	150	29.4	Verifluid Clay	Concrete Surround				
F5 - F6	150	150	39.1	Verifluid Clay	Concrete Surround				
F6 - F7	150	150	10.0	Verifluid Clay	Concrete Surround				
F7 - F8	150	150	25.2	Verifluid Clay	Concrete Surround				
F8 - F9	150	150	14.5	Verifluid Clay	Concrete Surround				
F9 - F10	150	150	12.3	Verifluid Clay	Class S Bedding				
F10 - F11	150	150	24.9	Verifluid Clay	Class S Bedding				
F11 - F12	150	150	37.7	Verifluid Clay	Concrete Surround				
F12 - F13	150	150	29.7	Verifluid Clay	Concrete Surround				
F13 - F14	150	150	13.2	Verifluid Clay	Concrete Surround				

DRG No. 33202/01

DATE: 7/10/02
SCALE: 1:250
DRAWN: PJS
CHECKED: [Signature]
DESIGN: FILENAME: 33202-01

Proposed Site Plan
Planning & Development
11 JAN 2003

Proposed Residential Development,
Land off Puddingpole Lane,
Luton, Lincs., for
D & H Builders Ltd.

STATUS FOR INFORMATION

REV	DATE	REMARKS
1	20/11/02	Visually spray omitted to match Status drawings no. 93002/1, approved by L.C.
2	10/12/02	Amended to LCC comments received 1. Visually spray omitted. Signs added. 2. No illuminated 'give way' signs. Double gates shown at turning point to mention S3. Note added that footpaths to receive new concrete base. 3. Full water sewer omitted to AWS car parking area. 4. Full water sewer omitted to F1 to F2 omitted. Surface water manholes omitted. Proposed site/ no omitted. 5. Full water sewer omitted. Drop added.

SECTION SHOWING SCOUR WALL CONSTRUCTION

Masonry Notes
1. Mortar to be 1:3 (cement/ sand)
2. Engineering bricks to be Class B to BS 3921.

View on Scour Wall

Typical Surface Water Manhole Detail

For Road & Drainage Sections & Details refer to SRC drg. nos. 33202/04 & 33202/05

For Longitudinal Sections refer to SRC drawing nos. 33202/02 & 33202/03

For Site Location Plan refer to SRC drawing no. 33202/02.