FOUL MANHOLE SCHEDULE

Manhole Number	Cover Level	Connects	Inverts		Pipe Diams	Manhole Size	Types	
							Manhole	Cover
F1	3.476	0	0	1.961	150	1200	TYPE B	D400
F2	3.565	1 0	1	1.524	150	1200	TYPE B	D400
			0	1.524	150			
F3	3.088	1 0	1	1.287	150	1200	TYPE B	D400
			0	1.287	150			
F4	4.084	2 1 0	1	1.190	150	1200	TYPE B	D400
			2	1.190	150			
			0	1.190	150			
F5	4.163	0	0	2.224	150	1200	TYPE B	D400
F6	3.601	1 0	1	1.131	150	1200	TYPE B	D400
			0	1.131	150			
F7	4.810	2 1 0	1	3.073	150	1200	TYPE A	D400
			2	3.073	150			
			0	3.073	150			
F8	3.601	0	0	1.291	150	1200	TYPE B	D400
F9	3.971	1 0	1	0.930	150		WETWELL	
			0	0.930	150			
F10	4.790	1 0	1	3.101	150	1200	TYPE B	D400
			0	3.101	150			

SURFACE WATER MANHOLE SCHEDULE

Manhole Number	Cover Level	Connects	Inverts		Pipe Diams	Manhole Size	Types	
							Manhole	Cover
S1	4.145	0	0	3.045	150	1350	TYPE X	D400
S2	3.659	1 0	1	2.825	150	1350	TYPE X	D400
			0	2.750	225			
S3	3.498	1 0	1	2.490	225	1350	TYPE X	D400
			0	2.415	300			
S4	3.498	1 0	1	2.275	300	1350	TYPE X	D400
			0	2.275	300			
(OUTFALL) S5	3.250	1	1	2.100	300	1350	TYPE X	D400

LEGEND

- denotes STORM WATER DRAINAGE
- denotes FOUL WATER DRAINAGE
- denotes RISING MAIN
- denotes STORM WATER MANHOLE
- denotes FOUL WATER MANHOLE
- denotes GULLY
- PF denotes PRIVATE FOUL INSPECTION CHAMBER

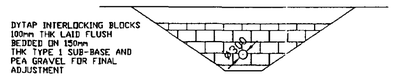
  PRIVATE FOUL IS INDICATIVE ONLY AND IS TO BE DETERMINED BY OTHERS TO SUIT DEVELOPERS REQUIREMENTS
- PS denotes PRIVATE SURFACE WATER INSPECTION CHAMBER

  PRIVATE SURFACE WATER IS INDICATIVE ONLY AND IS TO BE DETERMINED BY OTHERS TO SUIT DEVELOPERS REQUIREMENTS

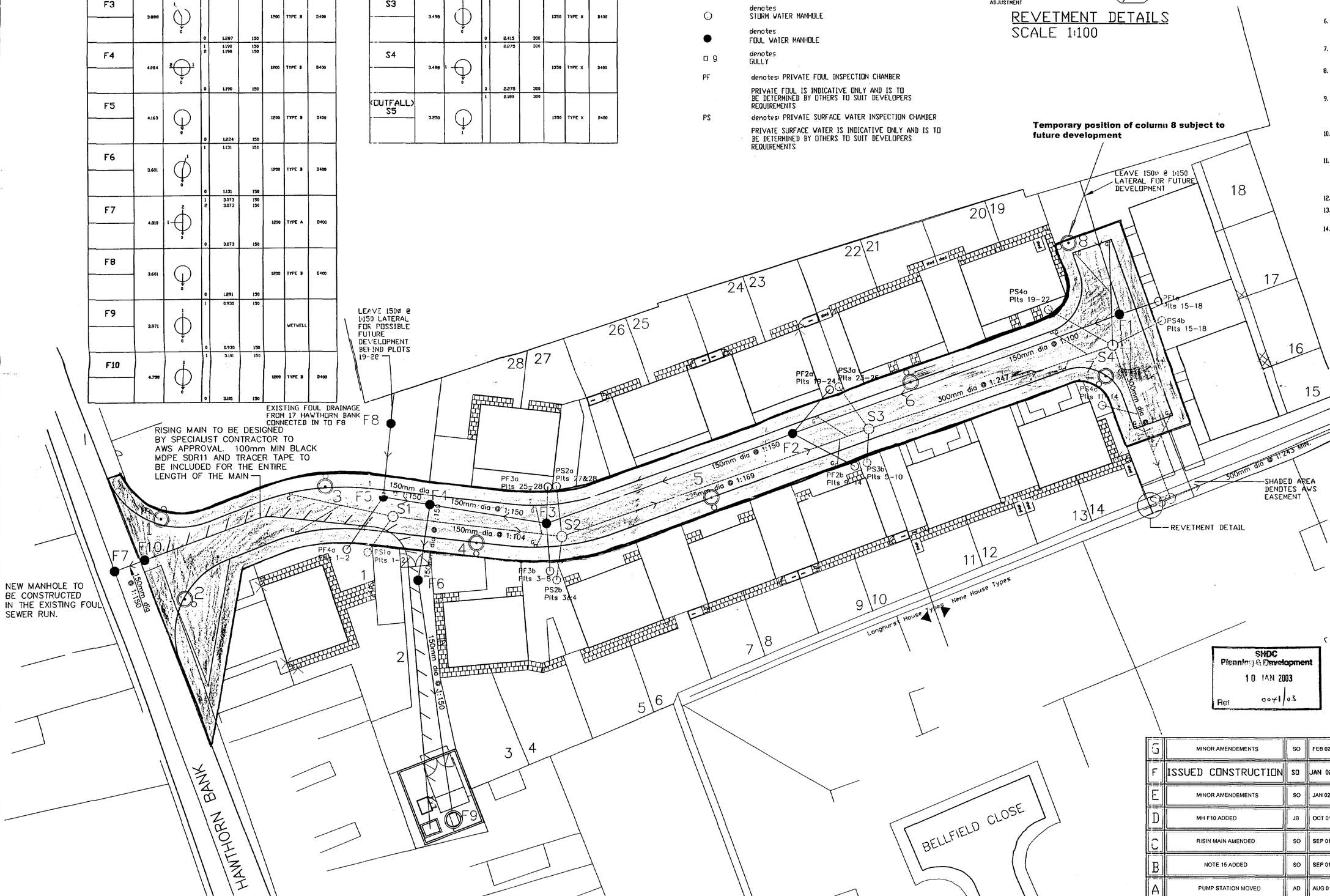
STREET LIGHTING (CAT 3/3)

6 metre column to App 19/3 type 3MIO with post top mounted lantern to App 14/2 (Urbis Sapphire 42W or equivalent)

NB Contractor shall be aware of other SHW Appendices related to this project



REVETMENT DETAILS
SCALE 1:100



© 2001 Waldeck Associates Ltd

NOTES

1. DO NOT SCALE THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
4. PROVIDE CONCRETE SURROUND TO ALL PIPEWORK, WHERE 1.2m OF COVER IS NOT ACHEIVABLE.
5. BRANCH AND ANCILLIARY CONNECTIONS TO BE 150mm DIA LAID AT GRADIENTS BETWEEN 1:10 AND 1:80
6. GULLY CONNECTIONS TO BE 150mm DIA. LAID AT GRADIENTS OF AT LEAST 1:50 UNLESS OTHERWISE STATED
7. ALL PIPEWORK TO BE LAID WITH LEVEL SOFFITS
8. ALL COMMISIONING/ DECOMMISIONING PROPOSALS MUST BE AGREED IN WRITING WITH AWS PRIOR TO IMPLEMENTATION
9. WHERE FLOOR LEVELS ARE SHOWN THESE ARE INDICITIVE ONLY, TO ASSIST IN THE DESIGN OF PRIVATE DRAINAGE BY OTHERS. FINAL FLOOR LEVELS ARE TO BE DETERMINED BY PRIVATE DRAINAGE DESIGNERS.
10. NO WORKS SHALL COMMENCE ON SITE UNTIL APPROVAL HAS BEEN OBTAINED FROM LCC, AWS AND ALL OTHER RELEVANT AGENCIES/AUTHORITIES.
11. INVERT LEVEL OF EX/MH1 TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORKS ON SITE. TENDERERS TO INVESTIGATE AND NOTIFY THE ENGINEER OF ANY DIVERGENCE FROM THE ASSUMED VALUE IN THEIR OFFER.
12. PRIVATE DRAINAGE AND FLOOR LEVELS BY OTHERS.
13. RISING MAIN TO BE LAIED WITH TRACER TAPE AND IS TO COMPLY WITH W15 4-32-09.
14. PUMPING INSTALLATION DESIGN BY SPECALIST CONTRACTOR. RISING MAIN TO BE PROVIDED WITH SUCH WASH OUT CHAMBERS, THRUST BLOCKS AS NECESSARY TO MEET AWS REQUIREMENTS.

SHDC
Planning & Development
10 JAN 2003
Ref 0041/03

G	MINOR AMENDEMENTS	SO	FEB 02
F	ISSUED CONSTRUCTION	SO	JAN 02
E	MINOR AMENDEMENTS	SO	JAN 02
D	MH F10 ADDED	JB	OCT 01
C	RISIN MAIN AMENDED	SO	SEP 01
B	NOTE 15 ADDED	SO	SEP 01
A	PUMP STATION MOVED	AD	AUG 01
Rev	Amendments	Rev'd	Date

Client: LONGHURST HOUSING ASSOCIATION

Project: HAWTHORN BANK, SPALDING

Title: PROPOSED DRAINAGE LAYOUT

Job No: 32717

Drawing No: 32717/A1/02G

Status: CONSTRUCTION

Scale: 1:250 | Date: JUN 01

Project Engineer: PW | Drawn By: JB | Checked By:

Waldeck Associates
Consulting Civil & Structural Engineers
Kenwen Road, Lincs, NG34 7DT
Tel. 01529 413929
Fax. 01529 414444

DETAILED PLAN