

FOUL MANHOLE SCHEDULE

Manhole Number	Cover Level	Connects	Inverts	Pipe Dia	Manhole Size	Types
F1	3.476	0	1.961	150	1200	TYPE B D400
F2	3.565	0	1.924	150	1200	TYPE B D400
F3	3.888	0	1.924	150	1200	TYPE B D400
F4	4.084	0	1.287	150	1200	TYPE B D400
F5	4.163	0	1.190	150	1200	TYPE B D400
F6	3.601	0	1.224	150	1200	TYPE B D400
F7	4.810	0	1.131	150	1200	TYPE B D400
F8	3.661	0	1.291	150	1200	TYPE B D400
F9	3.971	0	0.930	150	1200	TYPE B D400
F10	4.790	0	0.930	150	1200	TYPE B D400

SURFACE WATER MANHOLE SCHEDULE

Manhole Number	Cover Level	Connects	Inverts	Pipe Dia	Manhole Size	Types
S1	4.145	0	3.345	150	1350	TYPE X D400
S2	3.859	0	2.625	150	1350	TYPE X D400
S3	3.498	0	2.750	225	1350	TYPE X D400
S4	3.488	0	2.415	300	1350	TYPE X D400
(CUTFALL) S5	3.250	0	2.275	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
 □ 9 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

DYPAP INTERLOCKING BLOCKS
 100mm THK LAID FLUSH
 BEDDED ON 150mm
 THK TYPE 1 SUB-BASE AND
 PEA GRAVEL FOR FINAL
 ADJUSTMENT

REVETMENT DETAILS
SCALE 1:100

Temporary position of column 8 subject to future development

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NOTES

- DO NOT SCALE THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
- PROVIDE CONCRETE SURROUND TO ALL PIPEWORK, WHERE 12m OF COVER IS NOT ACHIEVABLE.
- BRANCH AND ANCILLARY CONNECTIONS TO BE 150mm DIA LAID AT GRADIENTS BETWEEN 1:10 AND 1:80.
- GULLY CONNECTIONS TO BE 150mm DIA LAID AT GRADIENTS OF AT LEAST 1:50 UNLESS OTHERWISE STATED.
- ALL PIPEWORK TO BE LAID WITH LEVEL SOFFITS.
- ALL COMMISSIONING/ DECOMMISSIONING PROPOSALS MUST BE AGREED IN WRITING WITH AWS PRIOR TO IMPLEMENTATION.
- WHERE FLOOR LEVELS ARE SHOWN THESE ARE INDICATIVE ONLY, TO ASSIST IN THE DESIGN OF PRIVATE DRAINAGE BY OTHERS. FINAL FLOOR LEVELS ARE TO BE DETERMINED BY PRIVATE DRAINAGE DESIGNERS.
- NO WORKS SHALL COMMENCE ON SITE UNTIL APPROVAL HAS BEEN OBTAINED FROM LCC, AWS AND ALL OTHER RELEVANT AGENCIES/AUTHORITIES.
- 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.
- PRIVATE DRAINAGE AND FLOOR LEVELS BY OTHERS.
- RISING MAIN TO BE LAID WITH TRACER TAPE AND IS TO COMPLY WITH WIS 4-32-09.
- PUMPING INSTALLATION DESIGN BY SPECIALIST CONTRACTOR. RISING MAIN TO BE PROVIDED WITH SUCH WASH OUT CHAMBERS, THRUST BLOCKS AS NECESSARY TO MEET AWS REQUIREMENTS.

RISING MAIN TO BE DESIGNED
 BY SPECIALIST CONTRACTOR TO
 AWS APPROVAL. 100mm MIN BLACK
 MDPE SDR11 AND TRACER TAPE TO
 BE INCLUDED FOR THE ENTIRE
 LENGTH OF THE MAIN

EXISTING FOUL DRAINAGE
FROM 17 HAWTHORN BANK
CONNECTED IN TO F8

LEAVE 1500 @ 1:150
 LATERAL FOR POSSIBLE
 FUTURE
 DEVELOPMENT
 BEHIND PLOTS
 19-22

GRADIENT TO BE AGREED
 SUBJECT TO INVERT LEVEL
 OF EX/MH1
 EX/MH(B251)
 CL=3.150

SHADE AREA
DENOTES AWS
EASEMENT

REVETMENT DETAIL

DETERMINED
PLAN

SHDC
 Planning Development
 10 JAN 2003
 Re: 004/03

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

Keene Business Centre
 2 Keene Street
 Spalding,
 Lincs
 NG34 7DT
 Tel: 01529 416550
 Fax: 01529 414644
 E-mail: info@waldeckassociates.co.uk

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

BELLFIELD CLOSE

HAWTHORN BANK