copyright © GBM CIVILS - DESIGN & BUILD

NOTES:

ALL SEWERS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS OF SEWERS FOR ADOPTION 5TH EDITION (JULY 2001), ADDITIONS AND DELETIONS TO SEWERS FOR ADOPTION 5TH EDITION (NOVEMBER 2001) AND THE COMBINED ADDENDUM (JULY 2003)

STORM BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:12 AND NO FLATTER THAN 1:150.

GULLY CONNECTIONS TO BE 150mm dia. LAID NO FLATTER THAN 1:175

VACUUM SEWERS TO BE CONSTRUCTED WITH 100mm SAND BED AND SURROUND.

VACUUM SEWERS DESIGNED BY C G GODFREY LTD (TEL 01775 640661) AND INSTALLED AND COMMISSIONED BY THE SAME.

ROAD 2 CH. 0.000 - CH. 255.000 125mm BLACK PE80 SDR17 (8 BAR)
ROAD 2 CH. 255.000 - CH 640.000 110mm BLACK PE80 SDR17 (8 BAR)
ROAD 2 ALL 110mm BLACK PE80 SDR17 (8 BAR)
ROAD 4 ALL 110mm BLACK PE80 SDR17 (8 BAR)

CONNECTIONS BETWEEN MAIN LINES AND VACUUM CHAMBERS TO BE CONSTRUCTED IN 90mm BLACK PE80 SDR17 (8 BAR)

FOR DETAILS OF VACUUM COLLECTION CHAMBERS (vc) AND STANDARD CONSTRUCTION PRACTISES REFER TO C G GODFREY LTD DRAWINGS:
STIVAC001 REV D
STIVAC002 REV A
STIVAC003 REV B
STIVAC004 REV A

ALL SURFACE WATER PIPEWORK TO BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.

ALL PIPES WITH COVER EXCEEDING 1.2m TO BE CLASS M WITH GRAVEL BED AND SURROUND.
ALL CLAY PIPES SITTO TO BE EXTRA STRENGTH WITH GRAVEL BED AND SURROUND
ALL PIPES WITH COVER LESS THAN 1.2m TO BE CLASS M WITH CONCRETE PROTECTION.
ALL CLAY PIPES SITTO TO BE EXTRA STRENGTH WITH CONCRETE PROTECTION.

PRECAST CONCRETE PRODUCTS AND IN SITU CONCRETE TO CONTAIN A MINIMUM CLASS 3 S.R.C.

STRUCTURAL CONCRETE TO BE IN ACCORDANCE WITH BS 5328 AND NOT TO BE LESS THAN GRADE FIN32 WHEN REINFORCED AND GEN3 IN ALL OTHER SITUATIONS.

CAST CONCRETE SHALL BE FINISHED TO PRODUCE A "FAIR" SURFACE WHERE EXPOSED AND SHALL HAVE A "ROUGH" FINISH IN ALL OTHER SITUATIONS. (FINISHES AS DEFINED IN CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY - 4TH EDITION).

STEELWORK SHALL BE IN ACCORDANCE WITH BS4483.

ALL MANHOLE COVERS TO BE 600x600 CLEAR OPENING IN ACCORDANCE WITH B.S. EN124 CLASS D400 AND EMBOSSED FW OR SW AS APPROPRIATE.

KEY

MANHOLES ON SEWERS EXCEEDING 900mm DIAMETER TO BE FITTED WITH SAFETY CHAINS TO A/45 DRG SD/SK5.

pc DENOTES 6m TYPE 3 MIO COLUMN WITH POST TOP MOUNTED LANTERN TO APPENDIX 14/2 (WRTL PATHFINDER 42W). SET-BACK 1.65m.

cg DENOTES 6m TYPE 3 MIO R/L COLUMN WITH POST TOP MOUNTED FOOTPATH LANTERN TO APPENDIX 14/2 (WRTL PATHFINDER 42W). SET-BACK 1.65m.

6m TYPE 3 MIO R/L COLUMN WITH POST TOP MOUNTED FOOTPATH LANTERN TO APPENDIX 14/2 (WRTL PATHFINDER 42W). SET-BACK 0.5m.

THE CONTRACTOR'S ATTENTION IS DRAWN TO RELEVANT APPENDICES OF THE LCC SPECIFICATION AND CORRESPONDENCE RELATING TO THE DESIGN.

LINCOLNSHIRE COUNTY COUNCIL
Technical Services Partnership
Witham Park House, Witham Park
Waterside South
Lincoln LN5 7JN
Tel: (01573) 353942 Fax: (01522) 552925
Head of Design and Construction : YH.King, B.Sc.,C.Eng.,M.I.C.E., M.I.H.T

Drawing No. B/ HREXD5511/5000
Structure No.
Rd No. Parish:
Scheme: CHURCH WAY, TYDD St. MARY
Description: PROPOSED STREET LIGHTING

Scale 1:500	Designed by LM	Approved by SH	Approval Date 14/07/04	Sheet Number

DETERMINED PLAN

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND ALL DISCREPANCIES TO BE REPORTED TO GBM CIVILS - DESIGN & BUILD.

AMENDMENTS:

REF.	DESCRIPTION.	DATE.	BY.
A	Plots 1-8 amended to Status Design layout	22.11.04	GWH
B	Phase 2 vacuum mains amended, Valve monitoring cables added.	23.11.04	GWH

SHDC Planning & Development 0 8 DEC 2004 Ref: 16/3/04

CLIENT: ASHWOOD HOMES LTD

PROJECT: CHURCH WAY, TYDD ST MARY

TITLE: ROAD AND SEWER LAYOUT, PHASE 2 BASED ON STATUS DESIGN LAYOUT, PLANNING PERMISSION REF H21/0067/00 - 25-JAN-00

SCALE:	DATE:
1:500	NOVEMBER 2004

DRAWING No:	DRAWN BY:	CHECKED BY:
0412/06-B		

Unit 19 Station Estate
Newbridge Hill
Louth
Lincs LN11 0JT
tel: 01507 607944
fax: 01507 607900
email: enquiries@gbmcivils.co.uk

Manhole Schedules - Storm

Manhole Name / Coordinates	Cover Level / Manhole Depth	Layout Diagram	Pipe	Inverts	Pipe Diameter	Manhole Size	Manhole Class	Manhole Cover
S01	2.371	2 1 3 0	1 2 3 0	1.014 1.014 1.014 1.478	150 150 150 225	1050		D400
998 825 605 398	0.932							
S02	2.585	1 0	1 0	1.341 0.994	225 225	1050	X	D400
1000.047 606.081	2.091					300 mm section		
S-3	2.157	3 1 2 0	1 2 3 0	1.454 1.454 1.454 1.399	150 150 150 225	1200	X	D400
999.924 943.094	0.758							
S-4	2.276	2 1 0	1 0	1.331 1.231	225 225	1200	X	D400
999.700 922.824	0.945							
S-5	2.408	3 1 2 0	1 2 3 0	1.235 1.235 1.235 1.277	150 150 150 225	1200	X	D400
1000.851 907.581	1.131							
S-6	2.639	3 1 2 0	1 2 3 4 0	1.635 1.635 1.635 1.635 1.709	150 150 150 150 225	1200	X	D400
1136.824 804.511	0.956							
S-7	2.544	1 0	1 0	1.641 1.641	225 225	1200	X	D400
1166.811 742.943	1.303							
S-8	2.552	3 1 2 0	1 2 3 0	1.610 1.610 1.610 1.610	225 225 150 225	1200	X	D400
1000.017 794.371	1.022							
S-9	2.389	3 1 2 0	1 2 3 0	1.406 1.406 1.406 1.370	225 225 150 225	1200	X	D400
1001.824 834.927	0.875							
S-10	2.722	2 1 0	1 2 0	1.294 1.294 1.294	225 225 225	1350	X	D400
1003.811 879.524	1.443							
S-11	2.918	2 1 0	1 0	1.200 1.200	300 300	1350	X	D400
1001.178 896.878	1.592							
M-103	2.330	3 1 2 0	1 2 3 0	1.232 1.232 1.232 0.932	525 525 150 525	1500	X	D400
1001.805 893.194	1.650					300 mm section		
S-12	2.686	2 1 0	1 2 0	1.132 1.132 1.132	150 150 225	1350	X	D400
1111.353 866.454	1.219							
S-13	2.446	3 1 2 0	1 2 3 0	1.039 1.039 1.039 1.594	150 150 150 225	1350	X	D400
1047.118 731.087	0.852							
S-14	2.952	3 1 2 0	1 2 3 0	1.446 1.446 1.446 1.406	225 225 150 225	1350	X	D400
1008.832 709.472	1.186							
S-15	2.556	3 1 2 0	1 2 3 0	1.406 1.406 1.406 1.406	225 225 150 225	1350	X	D400
999.636 696.941	1.490							
S-16	2.711	3 1 2 0	1 2 3 0	1.307 1.307 1.307 1.307	225 225 150 225	1350	X	D400
964.445 703.790	1.404							
MH12	2.500	3 1 2 0	1 2 3 0	1.158 1.158 1.158 0.858	225 225 150 225	1500	X	D400
847.654 658.479	1.337					300 mm section		



