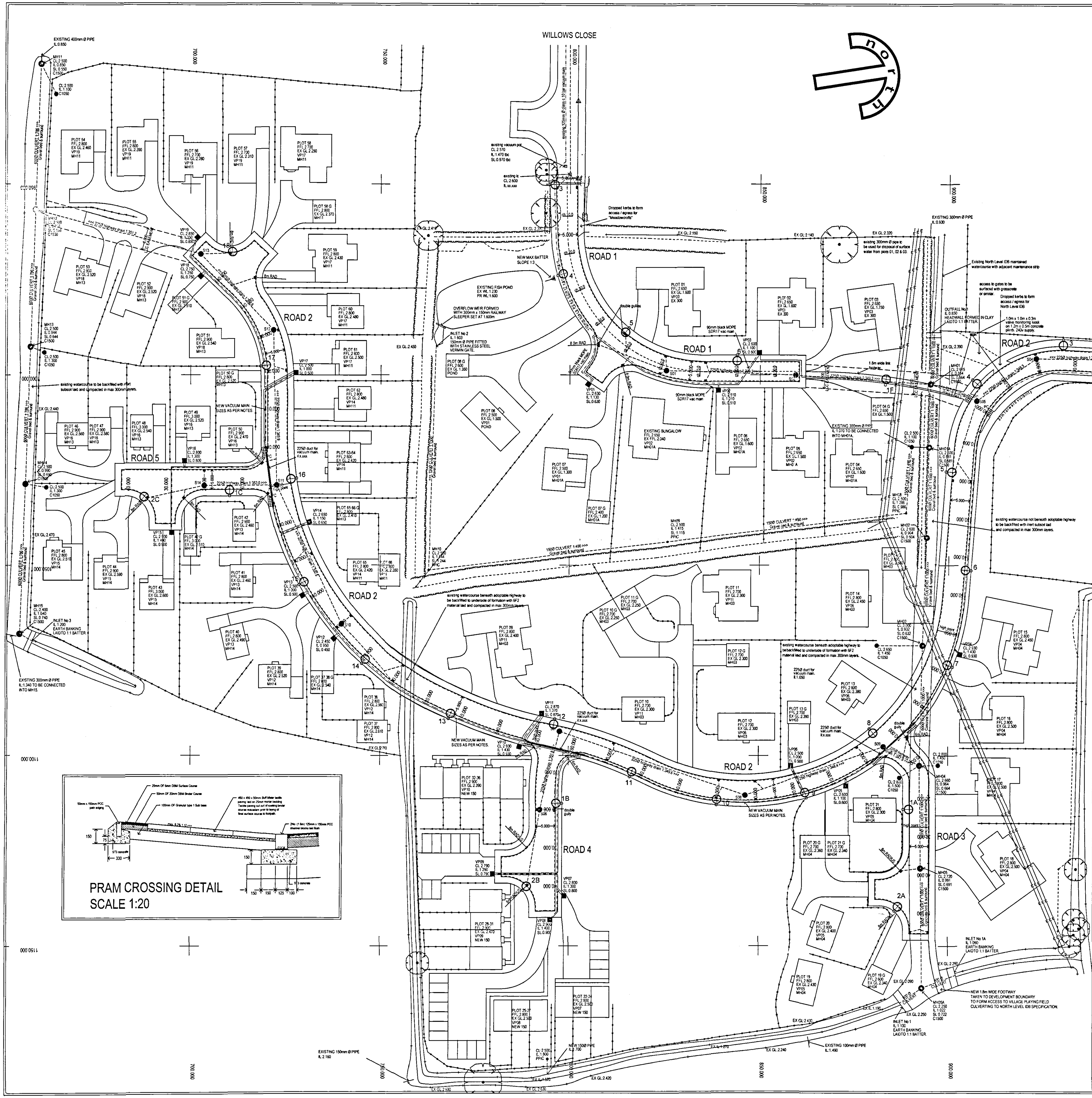

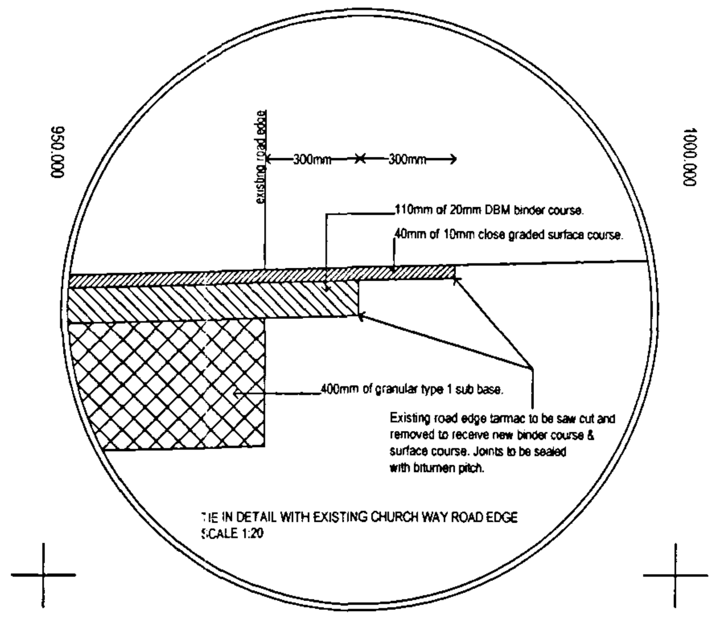

Manhole Schedules - Storm
HIGHWAY DRAINS

Manhole Name / Coordinates	Cover Level / Manhole Depth	Layout Diagram	Pipe	Inverts	Pipe Diameter	Manhole Size	Manhole Class	Manhole Cover
S01 / 998.805 825.398	2.371 / 0.932		1 2 3 0	1.514 1.514 1.514 1.439	150 150 150 225	1350	x	D400
S02 / 1000.047 859.503	2.585 / 1.244		1 0	1.341 1.341	225 225	1350	x	D400
MH01 / 1002.411 895.051	2.615 / 2.051		1 2 0	1.239 1.239 0.864 0.564	225 225 600 300mm catchpit	1500	x	D400
S03 / 995.924 943.084	2.157 / 0.768		1 2 3 0	1.464 1.464 1.464 1.389	150 150 150 225	1350	x	D400
S04 / 995.700 922.824	2.284 / 0.953		1 2 3 0	1.331 1.406 1.406 1.331	225 150 150 225	1350	x	D400
S05 / 1006.815 907.158	2.424 / 1.148		1 2 0	1.276 1.351 1.276	225 150 225	1350	x	D400
S06 / 1114.355 792.478	2.801 / 0.911		1 2 3 0	1.765 1.765 1.765 1.690	150 150 150 225	1350	x	D400
S07 / 1093.526 797.648	2.775 / 1.146		1 0	1.629 1.629	225 225	1350	x	D400
S08 / 1110.545 846.510	2.387 / 0.906		1 0	1.481 1.481	225 225	1350	x	D400
S09 / 1097.558 882.941	2.612 / 1.242		1 0	1.370 1.370	225 225	1350	x	D400
MH04 / 1102.592 892.479	2.660 / 1.986		1 2 3 0	1.339 1.414 1.414 0.964 0.664	225 150 150 600 300mm catchpit	1500	x	D400
S10 / 1065.507 739.577	2.386 / 0.775		1 2 3 0	1.686 1.686 1.686 1.611	150 150 150 225	1350	x	D400
S11 / 1028.987 722.608	2.649 / 1.153		1 2 0	1.496 1.496 1.496	225 225 	1350	x	D400
S12 / 986.408 721.745	2.514 / 1.134		1 2 3 0	1.380 1.455 1.455 1.380	225 150 150 225	1350	x	D400
S13 / 968.430 702.557	2.741 / 1.440		1 2 0	1.301 1.376 1.301	225 150 225	1350	x	D400
MH12 / 956.658 659.177	2.500 / 1.902		1 0	1.173 0.898 0.598	225 600 300mm catchpit	1500	x	D400
S14 / 1029.042 703.550	2.709 / 1.159		1 2 0	1.625 1.625 1.550	150 150 225	1350	x	D400

DETERMINED PLAN

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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 (NOVEMEBR 2001) AND THE COMBINED ADDENDUM (JULY 2003)

STORM BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:10 ANDNO 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 840661) 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 440.000 110mm BLACK PE80 SDR17 (8 BAR)
ROAD 3 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 (vp) AND STANDARD CONSTRUCTION PRACTISES REFER TO C G GODFREY LTD DRAWINGS
ST/VAC/001 REV D
ST/VAC/002 REV A
ST/VAC/003 REV B
ST/VAC/004 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 DITTO 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 DITTO 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 FND2 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.

MANHOLES ON SEWERS EXCEEDING 600mm DIAMETER TO BE FITTED WITH SAFETY CHAINS TO AWS DRG SD/S/05.

pc DENOTES PRAM CROSSING POSITIONS WITH TACTILE PAVING.

dg DENOTES DOUBLE GULLIES.

KEY

1 — 6m TYPE 3 MIO COLUMN WITH POST TOP MOUNTED LANTERN TO APPENDIX 14/2 (FGS 224/36W OR EQUIVALENT). SET-BACK 1.65m.

2 — 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: (01522) 552902 Fax: (01522) 552925
Head of Design and Construction: Y.H.Kong, 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	Draughted by	Approved by	Approval Date	Sheet Number
1:500	LM	SH	14/07/04	

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	PHASE 1 VACUUM MAIN DETAILS ADDED.	21.06.04	GWH
B	LCC STREETLIGHTING DESIGN ADDED.	15.07.04	GWH
C	AMENDED TO LCC REQUIREMENTS	16.08.04	GWH
D	WILLOWS CLOSE TURNING FACILITY AMENDED	18.08.04	GWH
E	AMENDED TO SUIT LCC REVISED REQUIREMENTS	30.09.04	GWH
F	DRAINAGE AMENDED	06.01.05	GWH
G	AMENDED TO LCC REQUIREMENTS	17.01.05	GWH
H	PLOT NUMBERS CHANGED TO SUIT CLIENTS SITE LAYOUT	24.01.05	GWH

CLIENT: ASHWOOD HOMES LTD

SHDC Planning & Development
09 FEB 2005
Ref: 0172/05

PROJECT: CHURCH WAY TYDD ST MARY

TITLE: ROAD AND SEWER LAYOUT

SCALE: 1:500
DATE: JUNE 2004
DRAWING No: 0412/04-H
DRAWN BY:
CHECKED BY:

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