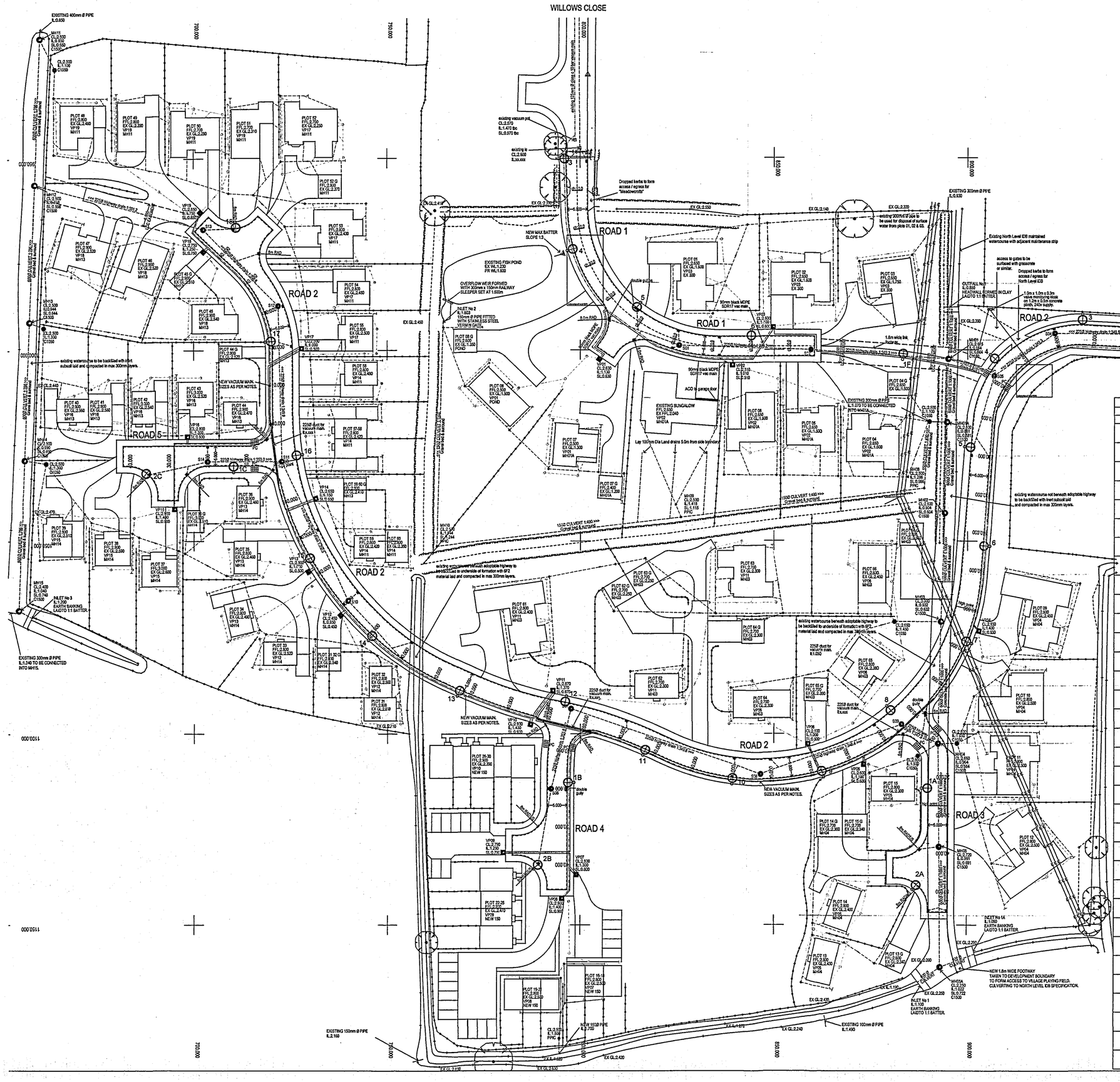


Manhole Schedules - Storm (all levels in mAOD)							
Manhole Name / Coordinates	Cover Level / Manhole Depth	Layout Diagram	Pipe	Inverts	Pipe Diameter	Manhole Size	Manhole Class	Manhole Cover
S01 995.805 805.396	2.371 0.932		1 2 3	1.514 1.514 1.514	150 150 150	1350	X	D400
S02 1002.411 805.261	2.595		1 3	1.441 1.341	225 225	1350	X	D400
S03 995.824 843.094	2.157 0.708		1 2 3	1.464 1.464 1.389	150 150 225	1350	X	D400
S04 995.720 822.624	2.264 0.903		1 2 3	1.371 1.436 1.406	225 150 150	1350	X	D400
S05 1006.815 807.138	2.426 1.148		1 2 3	1.276 1.351 1.276	225 150 225	1350	X	D400
S06 1114.305 792.478	2.621 0.911		1 2 3	1.706 1.706 1.600	150 150 225	1350	X	D400
S07 1003.528 797.648	2.775 1.146		1 2 3	1.458 1.629	225 225	1350	X	D400
S08 1110.545 846.510	2.367 0.908		1 2 3	1.481 1.481	225 225	1350	X	D400
S09 1097.508 862.941	2.612 1.242		1 2 3	1.370 1.370	225 225	1350	X	D400
MH04 1102.392 802.479	2.592 1.586		1 2 3 4	1.392 1.414 0.954 0.954	225 150 600 300mm ostruct	1500	X	D400
S10 1055.007 739.677	2.388 0.775		1 2 3	1.686 1.686 1.611	150 150 225	1350	X	D400
S11 1023.967 722.608	2.549 1.153		1 2 3	1.498 1.498 1.498	225 225 225	1350	X	D400
S12 998.436 721.746	2.514 1.134		1 2 3	1.393 1.465 1.390	225 150 225	1350	X	D400
S13 998.430 702.557	2.741 1.440		1 2 3	1.521 1.576 1.301	225 150 225	1350	X	D400
MH12 956.658 658.177	2.500 1.902		1 2 3 4	1.173 0.598 0.598	225 150 600 300mm ostruct	1500	X	D400
S14 1029.042 703.669	2.709 1.159		1 2 3	1.525 1.525 1.550	150 150 225	1350	X	D400

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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 (NOVEMBER 2001) AND THE COMBINED ADDENDUM (JULY 2002).

STORM BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:10 AND NO FLATTER THAN 1:150.

GULLY CONNECTIONS TO BE 150mm dia. LAID NO FLATTER THAN 1:17.5.

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 (9 BAR)
ROAD 3 CH: 255.000 - CH:440.000 110mm BLACK PE80 SDR17 (9 BAR)
ROAD 3 ALL 110mm BLACK PE80 SDR17 (9 BAR)
ROAD 4 ALL 110mm BLACK PE80 SDR17 (9 BAR)

CONNECTIONS BETWEEN MAIN LINES AND VACUUM CHAMBERS TO BE CONSTRUCTED IN 90mm BLACK PE80 SDR17 (9 BAR)

FOR DETAILS OF VACUUM COLLECTION CHAMBERS (vc) AND STANDARD CONSTRUCTION PRACTISES REFER TO C G GODFREY LTD DRAWINGS.
STDVAC091 REV D
STDVAC092 REV A
STDVAC093 REV B
STDVAC094 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 8328 AND NOT TO BE LESS THAN GRADE RC32 WHEN REINFORCED AND GEN3 IN ALL OTHER SITUATIONS.

CAST CONCRETE SHALL BE FINISHED TO PRODUCE A "FAIR" SURFACE WHERE EXPOSED AND SHALL HAVE A "WOOD" 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 PW OR SW AS APPROPRIATE.

MANHOLES ON SEWERS EXCEEDING 600mm DIAMETER TO BE FITTED WITH SAFETY CHAINS TO AWS DRG SD/SS6.

pc DENOTES PRAM CROSSING POSITIONS WITH TACTILE PAVING.

dp DENOTES DOUBLE GULLIES.

KEY

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

2 — 6m TYPE 3 MIO RL 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) 553603 Fax: (01522) 553925
Head of Design and Construction : T.N.Eeng. B.Sc, C.Eng, M.I.C.E, M.I.L.T

Drawing No. B/ HREXD5511/5000
Structure No.
Ref 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:

FOR THEIR PURPOSES ONLY, THE VARIOUS DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE COUNCIL AND THE WORK OF ARTISTICAL PLEASE CHECK THE DOCUMENTATION BEFORE USE.

ASHWOOD HOMES

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	30.08.04	GWH
F	DRAINAGE AMENDED	05.01.05	GWH
G	CURRENT DRAINAGE LAYOUT	15.5.05	MWS
L	Plot 7 SW drainage amened, and SW added to existing Bungalow	15.9.05	MWS

CLIENT: ASHWOOD HOMES LTD

SHDC PLANNING & DEVELOPMENT
1 3 SEP 2005

PROJECT: CHURCH WAY TYDD ST MARY

Ref. 1297/06

TITLE: ROAD AND SEWER LAYOUT INCORPORATING INDIVIDUAL PLOT DRAINAGE

DETERMINED PLAN

SCALE:	DATE:
1:500	JUNE 2004

DRAWING No:	DRAWN BY:	CHECKED BY:
0412/04-L	AWASH	IW

GBM CIVILS - DESIGN & BUILD.

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