copyright © GBM CIVILS - DESIGN & BUILD

PHASE 3A AREA ALREADY APPROVED BY LCC AND SECTION 38 AGREEMENT ENTERED INTO.

PHASE 3B AREA TO BE INCLUDED IN NEW SECTION 38 AGREEMENT TO 2005 SPEC.

north

FOUL AND STORM CONNECTIONS TAKEN TO BOUNDARY FOR BROADGATE HOMES RETAINED LAND (7.2 ACRES) 75 PLOTS
INFLOW INTO STH CALCULATED AS 1.228 l/s BASED ON 42% IMPERMEABLE AREA
END OF ROAD 6/1 KERBED WITH 150x125 PCC KERBS, REMAINDER WHERE FUTURE ROAD EXTENSION IS CONSTRUCTED.

EXISTING SW SEWER S41 on S05 on HW01 TO BE ABANDONED AND FLOWS DIVERTED INTO NEW CHAMBER SW NETWORK ref S05 & ex HW01 TO BE DEMOLISHED.

FOUL CONNECTION TAKEN TO BOUNDARY FOR FUTURE DEVELOPMENT (LAND NO FLOTS) NB. NO CONNECTION OUT OF F2N AND F2S TO BE STOPPED UP UNTIL REQUIRED.

EXISTING PHASE 1 DEVELOPMENT PLOTS 1-79

EXISTING PHASE 2 DEVELOPMENT (PLOTS 20-80)

9.000m SEWER EASEMENT THROUGH PUBLIC OPEN SPACE

250mm HDPE SDR11

EXISTING PUMPSTATION

8m LINK FOOTWAY BETWEEN ROAD 5 AND ROAD 6/21 WITH 2.5m GRASS VERGE EITHER SIDE

PUBLIC OPEN SPACE

ROAD 6/1
ROAD 6
ROAD 6/2
ROAD 6/8
ROAD 6/8A
ROAD 6/3
ROAD 6/21
ROAD 6/4
ROAD 6/5
ROAD 5

4750.000
4700.000
4650.000
4600.000

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 1:5 AND NO FLATTER THAN 1:150.

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

FOUL BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:5 AND NO FLATTER THAN 1:150.

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

ALL PIPES 300mmØ & GREATER WITH COVER EXCEEDING 1.2m TO BE STRENGTH CLASS 120 TO BS5911-1:2002 WITH GRAVEL BED AND SURROUND.
ALL CLAY PIPES 150mmØ & 225mmØ DITTO TO BE EXTRA STRENGTH WITH GRAVEL BED AND SURROUND.
ALL PIPES 300mmØ & GREATER WITH COVER LESS THAN 1.2m TO BE STRENGTH CLASS 120 TO BS5911-1:2002 WITH CONCRETE PROTECTION.
ALL CLAY PIPES 150mmØ & 225mmØ DITTO TO BE EXTRA STRENGTH WITH CONCRETE PROTECTION.

PRECAST CONCRETE PRODUCTS AND IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS 3 SRC.

STRUCTURAL CONCRETE TO BE IN ACCORDANCE WITH BS 5328 AND NOT TO BE LESS THAN GRADE FM22 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 - 5TH EDITION).

STEELWORK SHALL BE IN ACCORDANCE WITH BS4485.

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 900mm DIAMETER AND GREATER TO BE FITTED WITH SAFETY CHAINS TO ANG DRG 50/S05.

pc DENOTES PRAM CROSSING POSITIONS WITH TACTILE PAVING.

bf DENOTES BACKDROP.

dg DENOTES DOUBLE GULLEY.

SL1 STREETLIGHTING AS PER LCC DESIGN REF 3052/37/19

6m COLUMN TYPE 2 MID to APPENDIX 19D WITH POST TOP MOUNTED LANTERN to APPENDIX 14D (URBIS SAPPHIRE 1 42W OR EQUIVALENT).
NB. THE CONTRACTORS ATTENTION IS DRAWN TO CERTAIN SHW APPENDICES RELATED TO THE STREETLIGHTING ON THIS PROJECT AND RELEVANT CORRESPONDENCE.

REC SUPPLY TO ALL COLUMNS AND TERMINATIONS TO SD14/A (1000) WHERE DIRECTLY FED IN PCS.

(INDIVIDUAL REC SUPPLY TO EACH COLUMN)

TEST CERTIFICATES TO BE PROVIDED PRIOR AND AFTER CONNECTION TO LIVE SUPPLIES.
EARTH FAULT LOOP IMPEDANCE OF SUPPLY TO BE MEASURED AND NOT DECLARED.

ALL COLUMNS TO BE SITED WITHIN THE ADOPTABLE HIGHWAY AND GENERALLY IN COMPLIANCE WITH APPENDIX H OF THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS.
COLUMNS SHALL NOT BE INSTALLED WITHIN DROPPED KERB AREAS WITHOUT PRIOR ARRANGEMENT FROM THE STREET LIGHTING ENGINEER.

ANY SIGNAGE AND LINE MARKINGS ARE TO BE PROVIDED AT THE DISCRETION OF THE AREA HIGHWAYS MANAGER.

THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE *DESIGN GUIDE FOR RESIDENTIAL AREAS* AND DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.

SHDC
Planning & Development
16 SEP 2005
Ref: 129501

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.

CLIENT:
BROADGATE HOMES LTD

PROJECT:
HOLLAND PARK,
SPALDING
PLOTS 81-222

TITLE:
ROAD AND SEWER LAYOUT
PLOTS 81-222
SECTION 38 AGREEMENT AREA PLAN

SCALE:	DATE:	
1:500	APRIL 2005	
DRAWING No: 0503/01	DRAWN BY:	CHECKED BY:

GBM
CIVILS - DESIGN & BUILD

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

DETERMINED PLAN