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NOTES:

ALL SEWERS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS OF SEWERS FOR ADOPTION 6TH EDITION (MARCH 2006)

STORM BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:6 AND NO FLATTER THAN 1:100

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

FOUL BRANCH CONNECTIONS TO BE 150mm dia. LAID NO STEEPER THAN 1:6 AND NO FLATTER THAN 1:100

ALL INFORMATION TO BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE STATED

ALL PIPES 300mmØ & GREATER WITH COVER EXCEEDING 1.2m TO BE STRENGTH CLASS 120 TO BS5911-3:2002 WITH CLASS S SECONDARY 20mm bed and surround (GRAVEL BED AND SURROUND)
ALL PIPES 300mmØ & GREATER WITH COVER LESS THAN 1.2m TO BE STRENGTH CLASS 120 TO BS5911-3:2002 WITH CONCRETE PROTECTION.
ALL LAY PIPES 750mmØ & LESS (300mmØ DITTO TO BE EXTRA STRENGTH WITH CONCRETE PROTECTION.

PRECAST CONCRETE PRODUCTS AND IN-SITU CONCRETE TO CONTAIN A MINIMUM CLASS F.R.C.

STRUCTURAL CONCRETE TO BE IN ACCORDANCE WITH BS 5328 AND NOT TO BE LESS THAN GRADE RC40 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).

STEEL WORK SHALL BE IN ACCORDANCE WITH BS4449

ALL MANHOLE COVERS TO BE MARKED CLEAR OPENINGS IN ACCORDANCE WITH B.S. EN124 CLASS D400 AND EMBOSSED 'IN OR SW AS APPROPRIATE'

MANHOLES ON SEWERS 900mm DIAMETER AND GREATER TO BE FITTED WITH SAFETY CHANGE TO AVEC DR2 SERIES

dp DENOTES PRAM CROSSING POSITIONS WITH TACTILE PAVING

bd DENOTES BACKDROP

Junction markings to Schedule 6 of the Traffic Signs Regulations & General Directions 2002

Dia. 1003
600mm line 300mm gap; 200mm thick.
300mm space between lines

Dia. 1004
400mm line 2000mm gap; 100mm thick.
3 No. marks

Dia. 1006
600mm line 300mm gap; 100mm thick.

Dia. 1023
3750mm long

all lining in white thermoplastic screed

HALLGATE

THE SIDINGS

THE BOUNDARIES

Road 1

Road 2

Public Open Space

Permeable Driveways.
30mm of 20mm/5mm gravel scalpings
150mm granular sub base
50x150 PCC edgings EF

Impermeable Driveways.
25mm of 0/10 DBM surface course
75mm of 0/20 DBM binder course
150mm granular sub base
150mm x 125mm PCC bullnosed kerbs BN (25mm face)

1.0m nominal width grass verge

1.800 footway

high point

10.000m sewer Easement

Connection to existing brick culvert
Invert level 1.730
Pipe diameter 225
@ 2.500 Bv Soffit

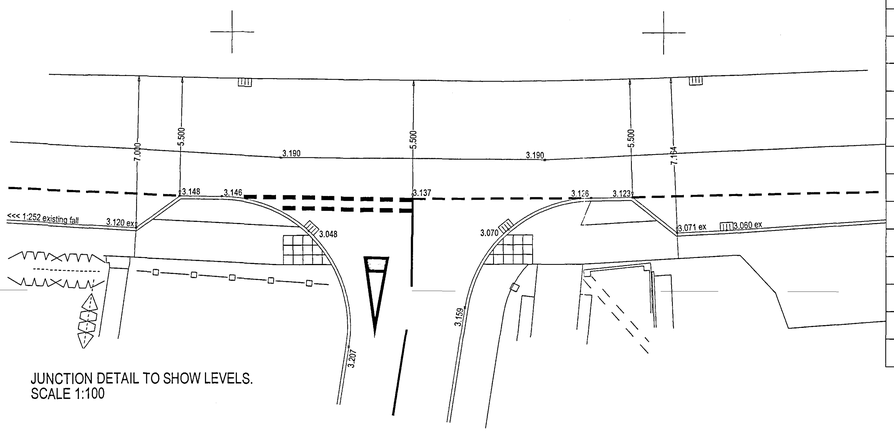
<<< EXISTING 1800mm DIAMETER CULVERT (SURFACE WATER)

<<< EXISTING 300mm DIA SSV SEWER

Existing SHIDB controlled watercourse

north

ROAD AND SEWER LAYOUT.
SCALE 1:250



JUNCTION DETAIL TO SHOW LEVELS.
SCALE 1:100

Manhole Schedules - Foul

Manhole Name / Coordinates	Cover Level / Manhole Depth	Layout Diagram	Pipe	Inverts	Pipe Diameter	Manhole Size	Manhole Class	Manhole Cover
F01 977.893 4990.401	3.400 1.300	1 2 0	1 2 0	2.143 2.143 2.143	150 150 150	1200	X	D400
F02 940.222 5003.988	3.474 1.575	3 1 2 0	1 2 3 0	1.606 1.606 1.606 1.606	150 150 150 150	1200	X	D400
F03 902.756 5009.038	3.073 2.077	3 1 2 0	1 2 3 0	1.546 1.546 1.546 1.546	150 150 150 150	1200	B	D400
F04 895.163 5009.751	3.460 2.122	1 2 0	1 2 0	1.348 1.348 1.348	150 150 150	1200	B	D400
F05 851.625 5024.844	3.072 2.461	1 0	1 0	1.211 1.211	150 150	1200	B	D400
F06 856.309 5070.744	3.277 2.575	1 0	1 0	0.902 0.902	150 150	1200	B	D400
F07 856.702 5080.039	3.170 3.640	0 1	1 0	-0.670 -0.670	150 150 ex	Existing	Existing	Existing

Manhole Schedules - Storm

Manhole Name / Coordinates	Cover Level / Manhole Depth	Layout Diagram	Pipe	Inverts	Pipe Diameter	Manhole Size	Manhole Class	Manhole Cover
S01 860.717 5072.054	3.227 0.924	2 1 0	1 2 0	2.395 2.068 2.313	150 150 225	1200	X	D400
S02 853.365 5034.663	3.864 1.738	1 0	1 0	2.027 1.956	225 300	1200	X	D400
S03 887.734 5010.706	3.922 1.839	1 2 0	1 2 0	1.873 2.033 1.873	300 150 300	1200	X	D400
S04 910.362 5011.478	3.720 2.055	1 2 3 0	1 2 3 0	1.645 1.645 1.645 1.695	300 150 150 300	1200	B	D400
S05 940.618 5012.046	3.469 1.922	1 2 3 0	1 2 3 0	1.547 1.697 1.697 1.547	300 150 150 300	1200	B	D400
S06 872.407 5002.770	3.454 2.024	1 2 0	1 2 0	1.430 1.580 1.430	300 150 300	1200	B	D400
S07 866.264 4999.554	3.627 2.269	1 3 2 0	1 3 0	1.334 1.484 1.334	300 150 300	1200	B	D400
S08 1000.022 4998.885	3.700 3.200	0 0	1 0	1.214 0.500	300 1800 brick culvert			

SHDC
PLANNING & DEVELOPMENT
25 JUL 2006
Ref. 1544/06

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: Sovereign Homes Ltd

PROJECT: Development at 51a Hallgate Holbeach

TITLE: Road and Sewer Layout Manhole Schedules

SCALE: 1:250 | **DATE:** June 2006

DRAWING No: 060701 | **DRAWN BY:** AP | **CHECKED BY:** IW

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