ASSUMED EXISTING SURFACE WATER DRAIN TO BE RETAINED (SUBJECT TO CONDITION).

EXISTING STORM WATER MANHOLE TO BE RETAINED COVER LEVEL 42.71 INVERT LEVEL 41.42

EXISTING ADOPTED FOUL WATER MANHOLE SOUTHERN WATER REF. 4403

EXISTING ADOPTED 150 Dia. FOUL WATER SEWER

EXISTING ADOPTED 150 Dia. FOUL WATER SEWER

EXISTING 225 Dia. STORM WATER DRAIN

EXISTING STORM WATER MANHOLE COVER LEVEL 43.50 INVERT LEVEL 42.49

EXISTING ADOPTED 100 Dia. FOUL WATER SEWER

EXISTING MANHOLE TO BE INSPECTED FOR ANY POSSIBLE OFF-SITE CONNECTIONS.

EXISTING ADOPTED FOUL WATER MANHOLE SOUTHERN WATER REF. 5407

EXISTING 150 DRAIN TO BE RETAINED (SUBJECT TO CONDITION)

EXISTING FOUL WATER MANHOLE COVER LEVEL 43.92 INVERT LEVEL 42.69 TO BE RETAINED.

START OF 300 Dia. CULVERT

OPEN DITCH

PLOT 81 — FFL = 43.510
PLOT 80 — FFL = 43.510
PLOT 79 — FFL = 43.510
PLOT 78 — FFL = 44.180
PLOT 77 — FFL = 44.180
PLOT 76 — FFL = 44.180

FW1 RE IL 41.85
FW2
FW3 RE IL 42.75
FW4 RE IL 42.90
FW5
FW6
FW7 RE IL 43.40
SW1
SW2
SW3

KEY

- SW1 — SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS).
- 150mm Dia. PVCu. SN4 STORM WATER DRAIN (U.N.O.)
- RWP — RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS).
- RE — RODDING EYE.
- FW1 — FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS).
- 100mm Dia. PVCu. SN4 FOUL WATER DRAIN (U.N.O.)
- SVP/SS/SP — SOIL VENT PIPE / STUB STACK / SOIL PIPE (LOCATION AS ARCHITECT'S DRAWINGS).
- FUGu — FUTURE HOMES FLOOR GULLY (RODDABLE ABOVE GROUND).
- POROUS TARMAC CONSTRUCTION.
- POROUS PAVING CONSTRUCTION.

CHECK SCALE AT A1 (0 10mm 20 30 40 50 60)

FOUL WATER MANHOLE SCHEDULE

REF.	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFFIT	SIZE (mm)	COVER TYPE CLASS & SIZE	REMARKS
FW1	43.05	42.40	0.50	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW2	43.40	42.60	0.70	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW3	43.40	42.71	0.59	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW4	43.45	43.68	0.62	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW5	43.98	42.98	0.90	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW6	44.00	43.15	0.75	450 Dia. Pp	B125 / 450x450	IC TYPE 5
FW7	44.00	43.22	0.68	450 Dia. Pp	B125 / 450x450	IC TYPE 5

STORM WATER MANHOLE SCHEDULE

REF.	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFFIT	SIZE (mm)	COVER TYPE CLASS & SIZE	REMARKS
SW1	43.70	42.75	0.80	450 Dia. Pp	B125 / 450x450	IC TYPE 5
SW2	43.95	43.00	0.80	450 Dia. Pp	B125 / 450x450	IC TYPE 5
SW3	43.72	42.65	0.92	450 Dia. Pp	B125 / 450x450	IC TYPE 5

NOTES

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This drawing must not be scaled. IF IN DOUBT ASK.

GENERAL NOTES
1. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings and details.
2. All figured dimensions to be taken in preference to scaled dimensions.
3. Any discrepancies between this drawing and other information is to be brought to the attention of the Engineer prior to the commencement of the works on site.
4. The Main Contractor shall be responsible for the setting out and accuracy of all dimensions.
5. The Contractor is to ensure the stability and structural integrity of the existing property at all times during works and is to be responsible for all propping and shoring as required.
6. It is the Contractors sole responsibility for ascertaining safe disposal of any off-site excavated spoil. No claim resulting from abnormal tip requirements will be entertained.

DRAINAGE
1. All drainage to be in accordance with Water Authority Association 'Sewers for Adoption' – 6th Edition Interim Technical Addendum.
2. All materials and workmanship to comply with BS EN 752-1: 1996
3. When using vitrified clay pipework with flexible joints, superstrength shall be used. All adoptable works shall use V.C pipework. For non-adopted system PVCu-SN4 class pipework and fittings may be substituted.
4. Concrete encasement, minimum 150 bed and haunch, to be used on pipework under roads with less than 1200 cover to crown.
5. Unless otherwise stated, all pipework to be bedded and surrounded in 10mm single size aggregate up to 450mm diameter. For larger pipework, 20mm shall be used.
6. Refer to manhole schedule for sizes, covers etc.
7. All materials to comply with the relevant BS-EN, latest edition, for pipework and fittings.
8. Upon completion, all works to be thoroughly cleaned by flushing.

ALL RWP AND FOUL CONNECTION LOCATIONS TO BE CHECKED AGAINST ARCHITECTS DRAWINGS

Mk.	Date	Revision	By
P1	24.07.12	PRELIMINARY ISSUE FOR COMMENT	JMB

RUSHBY | BREWSTER
CONSULTING CIVIL AND STRUCTURAL ENGINEERS
The Town House, St. George's Square, Bishops Waltham, Southampton, Hampshire, SO32 1AF
E: admin@rushbybrewster.co.uk W: www.rushbybrewster.co.uk
T: 01489 890004 F: 01489 890005

ace consultancy engineering business environment
Cert: QS0166

Client: PMC CONSTRUCTION

Architect: KENN SCADDAN ASSOCIATES

Project Title: 75–81, MIDLANDS ESTATE, WEST END, SOUTHAMPTON.

Drawing Title: EXTERNAL WORKS LAYOUT.

Scale	Paper Size	Date	Drawn by	Chkd. by
1:125	A1	MAR. 2012	JMB	AWR

Project No.	Drawing No.	Rev.
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