



COLOURED
DRAWING
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GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
- ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
- 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.
- THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
- 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.
- MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
- 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

- ALL MATERIALS AND WORKMANSHIP TO 'SEWERS FOR ADOPTION, 7th EDITION'.
- ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH BS EN 752-1: 1996.
- 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.
- CONCRETE ENCASMENT, MINIMUM 150 BED AND HAUNCH, TO BE USED ON PIPEWORK UNDER ROADS WITH LESS THAN 1200 COVER TO CROWN.
- 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.
- REFER TO MANHOLE SCHEDULE FOR SIZES, COVERS ETC.
- ALL MATERIALS TO COMPLY WITH THE RELEVANT BS-EN, LATEST EDITION, FOR PIPEWORK AND FITTINGS.
- UPON COMPLETION, ALL WORKS TO BE THOROUGHLY CLEANED BY FLUSHING.

LEGEND

- SW1 ○ SURFACE WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS)
- 100mm Dia. PVCu. SN4 STORM WATER DRAIN (U.N.O.)
- RWP — RAIN WATER DOWNPIPE WITH TRAPPED GULLY (LOCATION AS ARCHITECTS DRGS)
- RE — RODDING EYE
- RG — ROAD GULLY (DEEP SEAL TRAP)
- FW1 ● FOUL WATER MANHOLE / INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS)
- 100mm Dia. PVCu. SN4 FOUL WATER DRAIN (U.N.O.)
- SVP/SS — SOIL VENT PIPE / STUB STAKE (LOCATION AS ARCHITECTS DRGS)
- FGW — FOUL WATER FLOOR GULLY (RODDABLE) WITH AIR-TIGHT SEAL
- POROUS PAVING



P2	14-02-13	ISSUED FOR CONSTRUCTION AND EXISTING MANHOLE LEVELS ADDED	M.J.L.
P1	06-02-13	PRELIMINARY ISSUE FOR COMMENT	M.J.L.
Mk.	Date	Revision	By

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



Client
PMC CONSTRUCTION

Architect
THE MARTIN RALPH GROUP

Project Title
**MARY ROSE HOUSE
WOOLSTON ROAD
LEIGH PARK
HAMPSHIRE**

Drawing Title
DRAINAGE LAYOUT

Scale	Paper Size	Date	Drawn by	Chkd. by
1:200	A1	FEB 2012	MJL	AR
Project No.	Drawing No.	Rev.		
PMC177	501			

FOUL WATER MANHOLE SCHEDULE							
REF	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFFIT	SIZE	TYPE	COVER GRADE/SIZE	COMMENTS
FW1	21.24	19.22	1.87	450#	TYPE 3	B125 600x600	ACCESS OPENING RESTRICTED TO 300x300
FW2	21.25	19.26	1.84	450#	TYPE 3	B125 600x600	ACCESS OPENING RESTRICTED TO 300x300
FW3	21.42	19.32	1.95	450#	TYPE 3	D400 600x600	ACCESS OPENING RESTRICTED TO 300x300
FW4	21.36	19.35	1.86	450#	TYPE 3	D400 600x600	ACCESS OPENING RESTRICTED TO 300x300
FW5	21.73	20.80	0.83	450#	TYPE 3	B125 450x50	
FW6	20.88	19.57	1.16	450#	TYPE 3	B125 600x600	ACCESS OPENING RESTRICTED TO 300x300
FW7	21.46	20.70	0.66	450#	TYPE 3	B125 450x50	
FW8	20.58	19.95	0.53	450#	TYPE 3	B125 450x50	
FW11	21.67	20.64	0.93	450#	TYPE 4	A15 450x450	
FW12	21.67	20.69	0.88	450#	TYPE 4	A15 450x450	
FW13	21.67	20.76	0.81	450#	TYPE 4	A15 450x450	
FW14	21.67	20.81	0.76	450#	TYPE 4	A15 450x450	
FW15	21.67	20.85	0.72	450#	TYPE 4	A15 450x450	
FW21	21.10	20.00	0.95	450#	TYPE 3	A15 450x450	
FW22	21.11	20.21	0.90	450#	TYPE 3	A15 450x450	
FW23	21.11	20.16	0.85	450#	TYPE 3	A15 450x450	
FW24	20.96	20.28	0.58	450#	TYPE 3	A15 450x450	
FW31	20.90	20.30	0.50	450#	TYPE 4	A15 450x450	
FW32	21.35	20.60	0.55	450#	TYPE 4	A15 450x450	
FW33	21.35	20.64	0.51	450#	TYPE 4	A15 450x450	
FW34	21.35	20.71	0.44	450#	TYPE 4	A15 450x450	
FW35	21.35	20.75	0.40	450#	TYPE 4	A15 450x450	
FW41	20.90	20.20	0.60	450#	TYPE 4	A15 450x450	
FW42	20.58	19.83	0.65	450#	TYPE 4	A15 450x450	
FW43	20.58	19.88	0.60	450#	TYPE 4	A15 450x450	
FW44	20.58	19.95	0.53	450#	TYPE 4	A15 450x450	
FW45	20.58	20.00	0.48	450#	TYPE 4	A15 450x450	

STORM WATER MANHOLE SCHEDULE							
REF	COVER LEVEL	INVERT LEVEL	DEPTH TO SOFFIT	SIZE	TYPE	COVER GRADE/SIZE	COMMENTS
SW1	21.11	19.80	1.36	450#	TYPE 3	B125 600x600	ACCESS OPENING RESTRICTED TO 300x300
SW2	21.34	19.65	1.54	450#	TYPE 3	D400 600x600	ACCESS OPENING RESTRICTED TO 300x300
SW3	21.15	19.75	1.25	450#	TYPE 3	D400 600x600	ACCESS OPENING RESTRICTED TO 300x300
SW4	20.95	19.80	1.00	450#	TYPE 3	D400 600x600	ACCESS OPENING RESTRICTED TO 300x300
SW5	20.90	19.85	0.90	450#	TYPE 3	A15 600x600	
SW6	20.95	20.00	0.80	450#	TYPE 3	D400 600x600	
SW7	20.90	20.20	0.55	450#	TYPE 3	A15 600x600	
SW8	21.25	19.80	1.35	450#	TYPE 3	B125 600x600	ACCESS OPENING RESTRICTED TO 300x300
SW9	20.90	20.00	0.80	450#	TYPE 3	B125 600x600	

18.0m LONG x 0.9m WIDE SOAKAWAY 1500 DEEP
BELOW INVERT OF INCOMING DRAIN

