LEGEND

- RISING MAIN
- S1 — SURFACE WATER MANHOLE (SWMH)/ INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS).
- 100mm Dia. PVCu. SN4 STORM WATER DRAIN (U.N.O.)
- RWP — RAIN WATER DOWNPIPE (LOCATION AS ARCHITECTS DRGS).
- RE — RODDING EYE.
- FC PDT — CHARCON PERMAVOID DISTRIBUTION TANK(PDT) & FILTER CHAMBER(FC)
- FIN DRAIN
- F1 — FOUL WATER MANHOLE (FWMH)/ INSPECTION CHAMBER / ACCESS CHAMBER (SEE SCHEDULE FOR DETAILS).
- 100mm Dia. PVCu. SN4 FOUL WATER DRAIN (U.N.O.)
- SVP/SS/CG — SOIL VENT PIPE / STUB STACK/ CAPPED GULLEY (LOCATION AS ARCHITECTS DRGS).
- AAV — AIR ADMITTANCE VALVE
- FG — FOUL WATER FLOOR GULLY. (RODDABLE & AIRTIGHT SEAL IF CAPPED FOR FUTURE USE)
- CD — CONDENSATE DRAIN
- SITE BOUNDARY
- ??.?? + — PROPOSED LEVEL.
- ??.?? + — EXISTING GROUND LEVEL.
- IL ??? — INVERT LEVEL
- ACCESS ROAD PERMEABLE BLOCK PAVING 350 SUB-BASE
- ACCESS ROAD PERMEABLE BLOCK PAVING 550 SUB-BASE
- ACCESS ROAD NON PERMEABLE BLOCK PAVING
- PERMEABLE BLOCK PAVING 600 SUB-BASE.
- PERMEABLE BLOCK PAVING PARKING AREA 350 SUB-BASE.
- PERMEABLE BLOCK PAVING PARKING AREA 700 SUB-BASE.
- NON PERMEABLE BLOCK PAVING PARKING AREA.
- ROOT PROTECTION AREA
- FOOTWAY
- ACCESS ROAD TO FOUL WATER PUMPING STATION
- CHECK DAM
- TREE ROOT PROTECTION ZONE.

BLENDWORTH CRESCENT

FOUL MANHOLE
REF: 4402
CL: 12.36
IL: 11.16

FOR LEVELS TO ACCESS ROAD SEE DRAWINGS PMC238-510 & 512

EXISTING 525ø SW SEWER

ROAD 1

ROAD 2

HYDROBRAKE MANHOLE DISCHARGE 4.0L/S

HYDROBRAKE MANHOLE DISCHARGE 1.5L/S

STORMWATER ATTENUATION TANK 2 No. 2m WIDE x 1m x 10m LONG BOX CULVERT

GRP SUBSTATION

TYPE 3 ADOPTABLE FOUL WATER PUMPING STATION TO SPECIALIST DESIGN.

INLET MANHOLE
COVER LEVELS 10.10
WET WELL
LEVEL 10.10
VALVE CHAMBER
KIOSK
HARD STANDING LEVEL 9.95

CHECK SCALE 1:250@A1 / 1:500@A3

10 0 10 20 30 40 50 60 CHECK SCALE 1:1@A1 / 1:2@A3

NOTES

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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. 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.
7. 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 MATERIALS AND WORKMANSHIP TO 'SEWERS FOR ADOPTION, 7th EDITION'
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.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING No. PMC238-551,552 & 553

Revision	Date	Description	By
D	06.04.17	LEVELS ADDED IN AREA OF NO DIG CONSTRUCTION.	JMB
C	22.03.17	ADDITIONAL RAINWATER PIPE & DRAIN ADDED. (PLOT 26 – NEAR F19 MANHOLE)	PJM
B	16.03.17	DRAINAGE UPDATED. – DRAINS ADDED FROM CD's TO F19A & F21.	PJM
A	15.03.17	ISSUED FOR CONSTRUCTION. MH S2 MOVED. PLOTS 21-24, DRAINAGE UPDATED.	PJM
P5	07.03.17	GRP SUBSTATION ADDED. PARKING AMENDED. PDT'S MOVED.	PJM
P4	03.02.17	DRAINAGE UPDATED. TAKEN TO MEETING ONLY.	PJM
P3	01.02.17	DRAINAGE UPDATED.	PJM
P2	25.11.16	PLOTS 11-15 FFL AMENDED.	PJM
P1	23.11.16	PRELIMINARY ISSUE FOR COMMENT	PJM

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Client: PMC CONSTRUCTION

Architect: KENN SCADDAN ASSOCIATES LTD.

Project Title: BLENDWORTH CRESCENT, LEIGH PARK.

Drawing Title: DRAINAGE & EXTERNAL WORKS LAYOUT

Project No.	Drawing No.	Revision	Scale	Paper Size	Date	Drawn by	Chkd. by
PMC238	501	D	1:250	A1	NOV.2016	PJM	AWR

CDM REGULATIONS 2007

RUSHBY BREWSTER ASSOCIATES HAVE CONSIDERED AND, WHERE REASONABLY PRACTICABLE, AVOIDED FORESEEABLE RISKS IN THE PREPARATION OF THE DESIGN SHOWN ON THIS AND RELATED DRAWINGS. SIGNIFICANT RISKS WHICH REMAIN AND ASSOCIATED CONTROL MEASURES ARE IDENTIFIED BELOW AND SHOULD BE GIVEN PARTICULAR ATTENTION BY THE MAIN CONTRACTOR ON SITE.

ACTIVITY	HAZARD	CONTROL

NOTE: THE ABOVE ASSESSMENT RECORDS ONLY THOSE ELEMENTS CONSIDERED UNUSUAL, DIFFICULT TO MANAGE OR OUTSIDE OF THE ANTICIPATED EXPERTISE OF A COMPETENT CONTRACTOR

COLOURED DRAWING
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