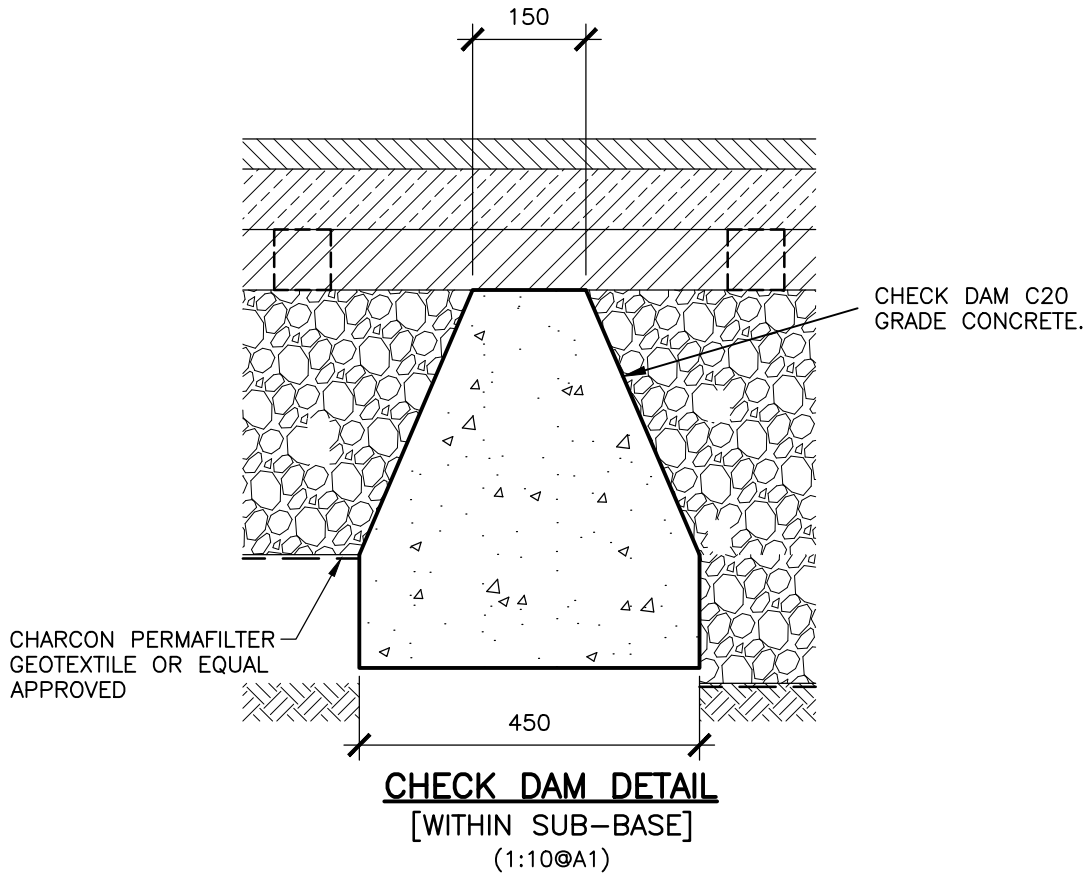


FOUL MANHOLE SCHEDULE							
REF	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	SIZE	TYPE	COVER	COMMENTS
F1	10.000	8.700	1.300	1200ø	TYPE 2	D400 675x675	
F2	10.200	8.900	1.300	1200ø	TYPE 2	D400 675x675	
F3	10.850	9.400	1.450	1200ø	TYPE 2	C250 675x675	
F4	11.200	10.050	1.150	1200ø	TYPE 2	C250 675x675	
F5	11.350	10.150	1.200	1200ø	TYPE 2	C250 675x675	
F6	11.550	10.700	0.850	500ø	TYPE 3	B125 450x450	
F7	10.950	9.570	1.380	1200ø	TYPE 2	C250 675x675	
F8	11.050	10.020	1.030	1200ø	TYPE 2	C250 675x675	
F9	11.450	10.600	0.850	500ø	TYPE 3	B125 450x450	
F10	10.700	9.600	1.100	500ø	TYPE 3	C250 450x450	
F11	10.650	9.400	1.250	500ø	TYPE 3	B125 450x450	
F12	10.950	9.800	1.150	500ø	TYPE 3	B125 450x450	
F13	10.950	9.800	1.150	500ø	TYPE 3	B125 450x450	
F14	10.950	9.800	1.150	500ø	TYPE 3	B125 450x450	RESTRICTED ACCESS
F15	10.950	9.800	1.150	500ø	TYPE 3	B125 450x450	
F16	10.950	10.000	0.950	500ø	TYPE 3	B125 450x450	
F17	10.950	10.000	0.950	500ø	TYPE 3	B125 450x450	
F18	11.350	10.450	0.900	500ø	TYPE 3	B125 450x450	RESTRICTED ACCESS
F19	11.600	10.500	1.100	500ø	TYPE 3	B125 450x450	RESTRICTED ACCESS
F20	11.600	10.550	1.050	500ø	TYPE 3	B125 450x450	
F21	11.600	10.650	0.950	500ø	TYPE 3	B125 450x450	
F22	11.600	10.650	0.950	500ø	TYPE 3	B125 450x450	
F23	11.550	10.850	0.700	500ø	TYPE 3	B125 450x450	
F24	10.950	9.900	1.050	500ø	TYPE 3	C250 450x450	
F25	10.950	9.900	1.050	500ø	TYPE 3	C250 450x450	
F26	11.100	10.200	0.900	500ø	TYPE 3	B125 450x450	
F27	11.100	10.200	0.900	500ø	TYPE 3	B125 450x450	
F28	11.100	10.200	0.900	500ø	TYPE 3	B125 450x450	
F29	11.100	10.300	0.800	500ø	TYPE 3	B125 450x450	
F30	11.100	10.300	0.800	500ø	TYPE 3	B125 450x450	
F31	11.450	10.600	0.850	500ø	TYPE 3	B125 450x450	
F32	11.450	10.600	0.850	500ø	TYPE 3	B125 450x450	
F33	11.450	10.600	0.850	500ø	TYPE 3	B125 450x450	
F34	11.450	10.650	0.800	500ø	TYPE 3	B125 450x450	
F35	11.550	10.450	1.100	500ø	TYPE 3	B125 450x450	
F36	12.200	11.300	0.900	1200ø	TYPE 2	D400 675x675	
F37	11.450	10.350	1.100	500ø	TYPE 3	B125 450x450	
F19A	11.600	10.550	1.050	500ø	TYPE 3	B125 450x450	
F21A	11.600	10.650	0.950	500ø	TYPE 3	B125 450x450	

SUDS OPERATION & MAINTENANCE		
MODULAR ATTENUATION TANK		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
REGULAR MAINTENANCE	REMOVE SEDIMENT & DEBRIS FROM PRE-TREATMENT DEVICES & FLOOR OF INSPECTION TUBE OR CHAMBER.	ANNUALLY.
	CLEANING OF ANY GUTTERS & ANY FILTERS ON DOWNPIPES.	ANNUALLY.
	CHECK THE FLOW CONTROL IN THE CONTROL MANHOLE IS NOT BLOCKED, ONE INSPECTION SHOULD BE SCHEDULED TO OCCUR AFTER TREE LEAF FALL IN AUTUMN.	TWICE YEARLY.
	CLEAR THE SILT TRAPS LOCATED PRIOR TO THE ATTENUATION TANK OF SILT AND DEBRIS, ONE CLEARANCE SHOULD BE SCHEDULED TO OCCUR AFTER TREE LEAF FALL IN AUTUMN.	TWICE YEARLY.
MONITORING	INSPECT/CHECK ALL INLETS, OUTLETS, VENTS AND OVERFLOWS TO ENSURE THAT THEY ARE IN GOOD CONDITION AND OPERATING AS DESIGNED.	ANNUALLY AND AFTER LARGE STORMS.

SURFACE WATER MANHOLE SCHEDULE							
REF	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	SIZE	TYPE	COVER	COMMENTS
S1	11.450	9.650	1.800	1200ø	TYPE 2	D400 675x675	NON RETURN VALVE ON PIPE FROM S5
S2	11.450	9.700	1.750	1200ø	TYPE 2	D400 675x675	HYDROBRAKE
S3	11.400	10.450	0.950	500ø	TYPE 3	B125 450x450	SILT TRAP 300 DEEP SUMP
S4	11.600	10.800	0.800	500ø	TYPE 3	B125 450x450	
S5	11.200	9.750	1.450	1200ø	TYPE 2	C250 675x675	HYDROBRAKE
S6	10.900	9.830	1.070	500ø	TYPE 3	C250 450x450	
S7	10.800	10.100	0.700	500ø	TYPE 3	C250 450x450	
S8	11.300	9.850	1.450	500ø	TYPE 2	C250 675x675	SILT TRAP 300 DEEP SUMP
S9	11.400	10.100	1.300	500ø	TYPE 2	C250 675x675	
S10	11.950	10.600	1.350	500ø	TYPE 2	C250 675x675	
S11	10.950	10.400	0.550	500ø	TYPE 3	500øø	
S12	10.900	10.400	0.500	500ø	TYPE 3	B125 450x450	
S13	10.700	10.250	0.450	500ø	TYPE 3	B125 450x450	
S14	10.700	10.200	0.500	500ø	TYPE 3	B125 450x450	
S15	10.700	10.100	0.600	500ø	TYPE 3	C250 450x450	SILT TRAP 300 DEEP SUMP
S16	11.000	10.400	0.600	500ø	TYPE 3	B125 450x450	
S17	11.000	10.400	0.600	500ø	TYPE 3	C250 450x450	SILT TRAP 300 DEEP SUMP
S18	11.100	10.500	0.600	500ø	TYPE 3	C250 450x450	
S19	11.100	10.500	0.600	500ø	TYPE 3	C250 450x450	
S20	11.400	10.850	0.550	500ø	TYPE 3	C250 450x450	
S21	11.600	10.800	0.800	500ø	TYPE 3	C250 450x450	
S22	11.650	10.850	0.800	500ø	TYPE 3	C250 450x450	
S23	11.950	11.250	0.700	500ø	TYPE 3	C250 450x450	
S24	11.300	9.900	1.400	1200ø	TYPE 2	C250 675x6675	SILT TRAP 300 DEEP SUMP
S25	11.500	10.300	1.200	500ø	TYPE 3	C250 450x450	
S26	11.900	10.700	1.200	500ø	TYPE 3	C250 450x450	
S0	11.070	TBC	TBC	1500ø	TYPE 2	D400 675x675	TO BE ADOPTED BUILD ON EXISTING SEWER
S27	11.450	10.070	1.380	500ø	TYPE 3	B125 450x450	

OPERATION AND MAINTENANCE REQUIREMENTS FOR PERMEABLE PAVING		
MAINTENANCE SCHEDULE	REQUIRED ACTION	TYPICAL FREQUENCY
REGULAR MAINTENANCE	BRUSHING AND VACUUMING (STANDARD COSMETIC SWEEP OVER WHOLE SURFACE)	ONCE A YEAR, AFTER AUTUMN LEAF FALL, OR REDUCED FREQUENCY AS REQUIRED, BASED ON SITE-SPECIFIC OBSERVATIONS OF CLOGGING OR MANUFACTURER'S RECOMMENDATIONS – PAY PARTICULAR ATTENTION TO AREAS WHERE WATER RUNS ONTO PERVIOUS SURFACE FROM ADJACENT IMPERMEABLE AREAS AS THIS AREA IS MOST LIKELY TO COLLECT THE MOST SEDIMENT
OCCASIONAL MAINTENANCE	STABILISE AND MOW CONTRIBUTING AND ADJACENT AREAS	AS REQUIRED
	REMOVAL OF WEEDS OR MANAGEMENT USING GLYPHOSATE APPLIED DIRECTLY INTO THE WEEDS BY AN APPLICATOR RATHER THAN SPRAYING	AS REQUIRED – ONCE PER YEAR ON LESS FREQUENTLY USED PAVEMENTS
REMEDIAL ACTIONS	REMEDiate ANY LANDSCAPING WHICH, THROUGH VEGETATION MAINTENANCE OR SOIL SLIP, HAS BEEN RAISED TO WITHIN 50mm OF THE LEVEL	AS REQUIRED
	REMEDIAL WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURAL PERFORMANCE OR A HAZARD TO USERS, AND REPLACE LOST JOINTING MATERIAL	AS REQUIRED
	REHABILITATION OF SURFACE AND UPPER SUB-STRUCTURES BY REMEDIAL SWEEPING	EVERY 10 TO 15 YEARS OR AS REQUIRED (IF INFILTRATION PERFORMANCE IS REDUCED DUE TO SIGNIFICANT CLOGGING)
MONITORING	INITIAL INSPECTION	MONTHLY FOR THREE MONTHS AFTER INSTALLATION
	INSPECT FOR EVIDENCE OF POOR OPERATION AND/OR WEED GROWTH – IF REQUIRED, TAKE REMEDIAL ACTION	THREE-MONTHLY, 48 HOURS AFTER LARGE STORMS IN FIRST SIX MONTHS
	INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPRIATE BRUSHING FREQUENCIES	ANNUALLY
	MONITOR INSPECTION CHAMBERS	ANNUALLY



CDM REGULATIONS 2015

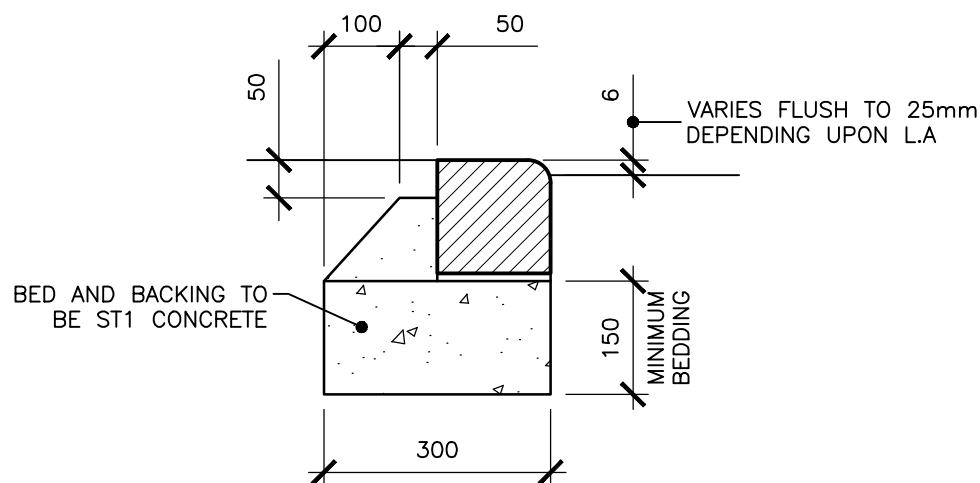
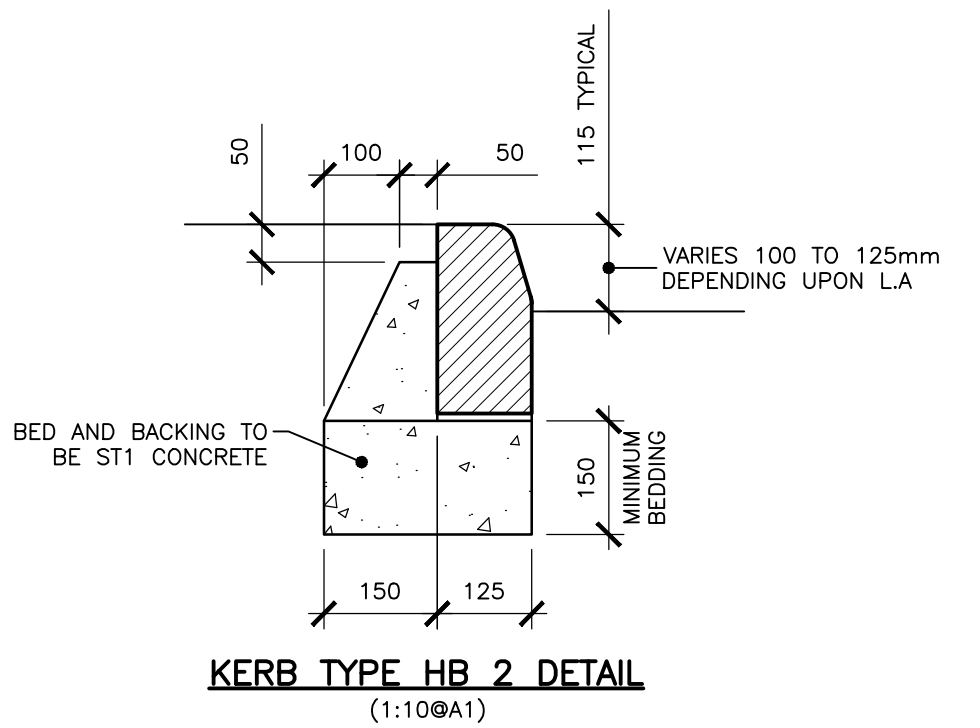
RUSHBY BREWSTER ASSOCIATES HAVE CONSIDERED AND, WHERE REASONABLY PRACTICABLE, AVOIDED FORESEEABLE RISKS IN THE PREPARATION OF THE DESIGN SHOWN ON THIS AND RELATED DRAWINGS. SIGNIFICANT RISKS WHICH REMAIN AND ASSOCIATED CONTROL MEASURES ARE IDENTIFIED BELOW AND SHOULD BE GIVEN PARTICULAR ATTENTION BY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

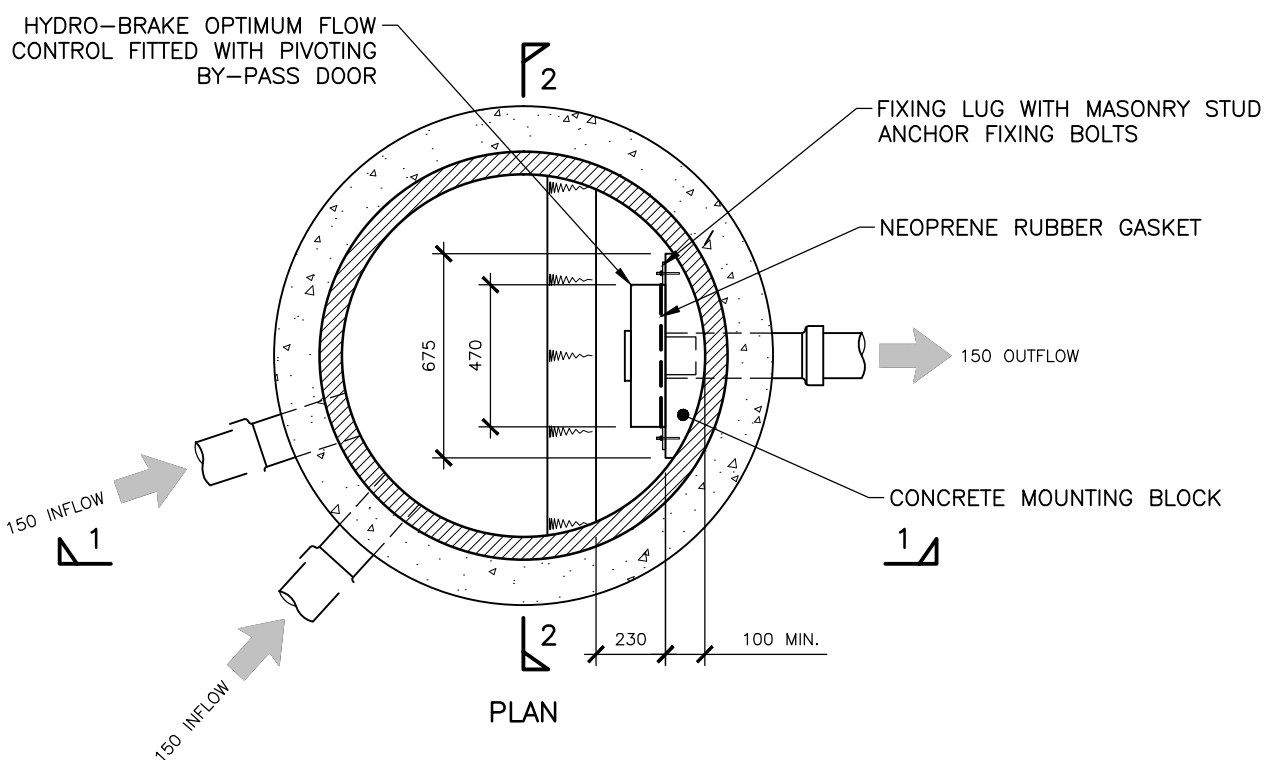
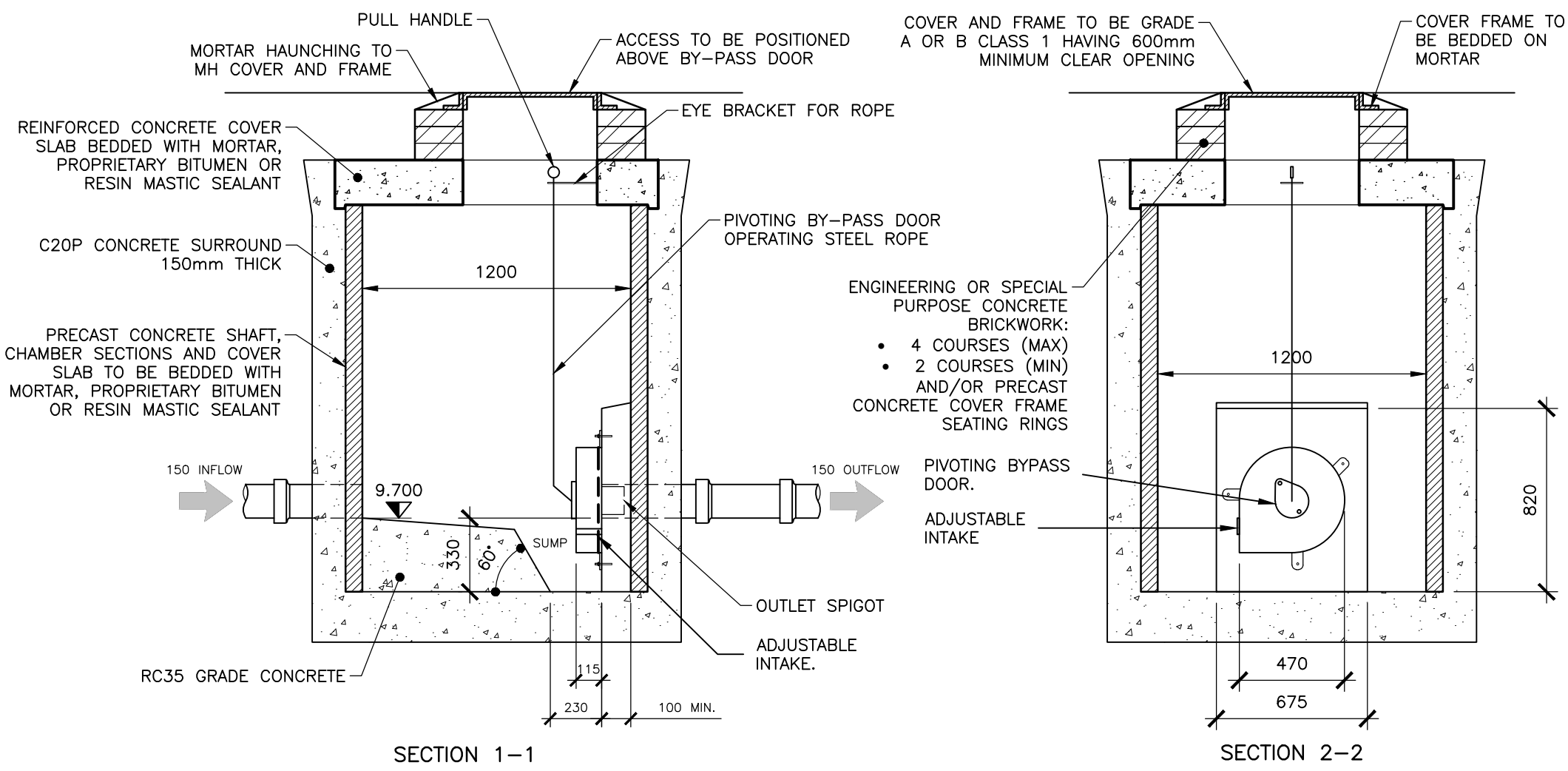
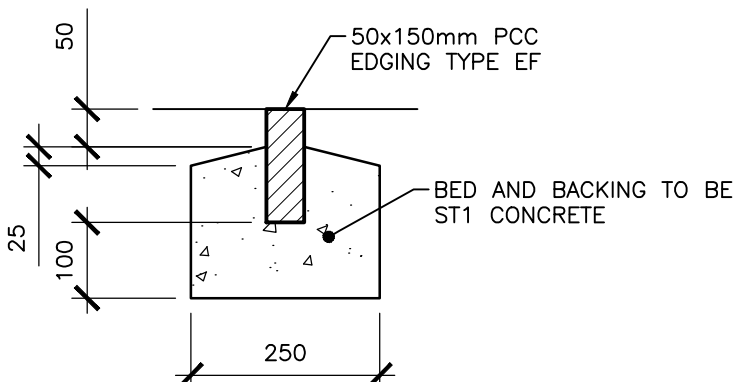
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING No. PMC238-501

COLOURED
DRAWING

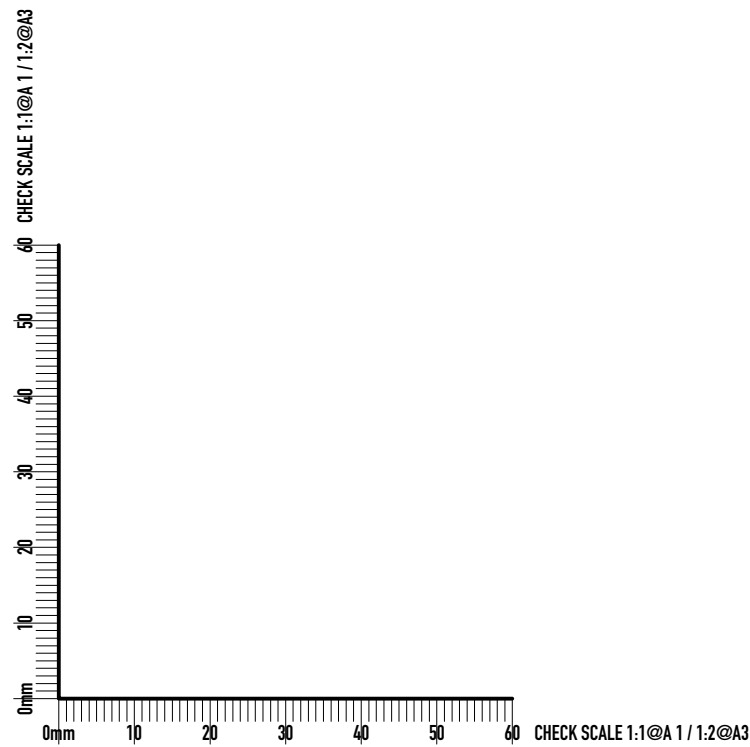
REQUEST A COLOURED COPY IF
THIS STAMP IS NOT RED



PCC EDGING DETAIL (1:10@A1)



HYDRO-BRAKE MANHOLE S2 DETAIL (HYDRO-BRAKE INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS) (SCALE 1:25@A1)



A	15.03.17	ISSUED FOR CONSTRUCTION, FOUL MH SCHEDULE UPDATED, DETAIL AMENDED.	PJM
P9	13.03.17	SCHEDULES UPDATED, S3, S4 & F6 AMENDED.	PJM
P8	13.02.17	SCHEDULES UPDATED, S27 & F37 ADDED.	PJM
P7	02.02.17	SCHEDULES UPDATED, S0 ADDED.	PJM
P6	03.01.17	FOUL MANHOLE SCHEDULE UPDATED.	PJM
P5	23.11.16	DETAILS UPDATED.	PJM
P4	15.04.16	CHECK DAM DETAIL ADDED.	PJM
P3	01.04.16	FOUL & SURFACE WATER SCHEDULES AMENDED.	PJM
P2	24.03.16	DETAIL S1 & DRG, TITLE AMENDED.	PJM
P1	18.03.16	PRELIMINARY ISSUE FOR COMMENT	PJM
Revision	Date	Description	By

ARCH ASSOCIATES	
CONSULTING CIVIL AND STRUCTURAL ENGINEERS	
The Town House, St. George's Square, Bishops Waltham, Southampton, Hampshire, SO22 1AF. Telephone: 01489 890004 Email: admin@archassociates.co.uk Web: www.archassociates.co.uk	
ace	CONSTRUCTION engineering sustainable environment
Client	PMC CONSTRUCTION
Architect	KENN SCADDAN
Project Title	

BLENDWORTH CRESCENT,
LEIGH PARK.

Drawing Title

DRAINAGE DETAILS SHEET 1

Scale	Paper Size	Date	Drawn By	Checked By
AS SHOWN	A1	NOV. 2016	PJM	AWR
Project No.	Drawing No.	Revision		
PMC238	551	A		