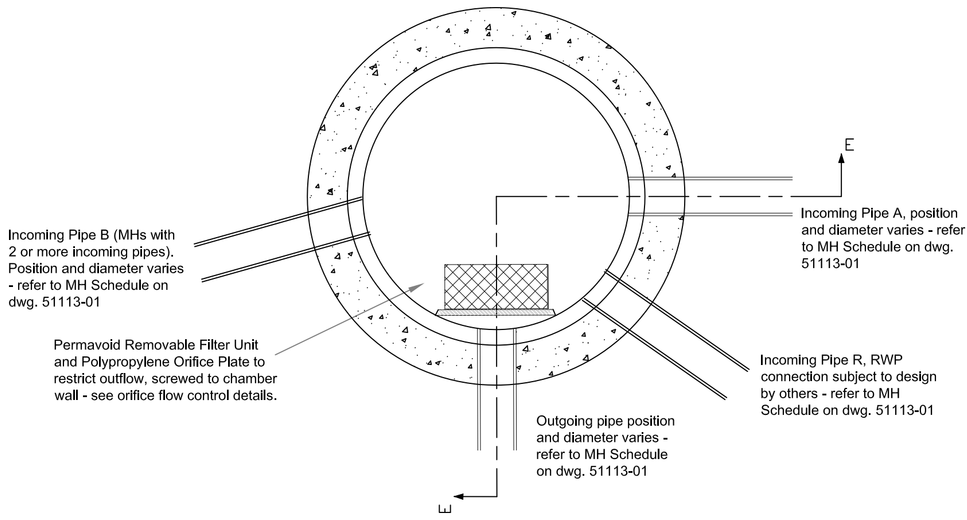
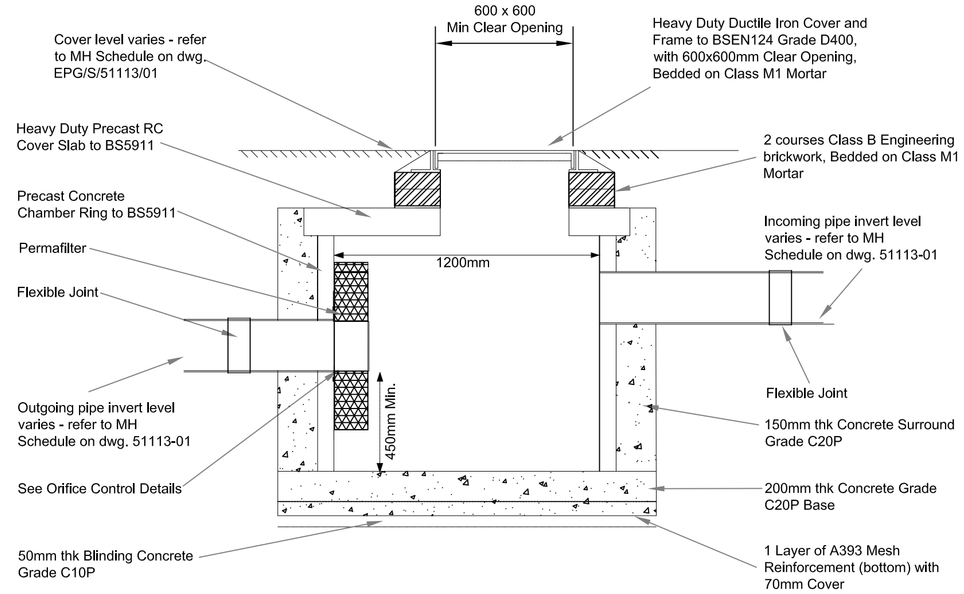
SURFACE WATER MANHOLE SCHEDULE											
MANHOLE REF:	PIPE OUTLET SIZE mm	PIPE MATERIAL	COVER LEVEL	INVERT LEVEL	DEPTH m	DEPTH to soffit	CHAMBER TYPE	CHAMBER SIZE mm	COVER TYPE	COVER SIZE mm	COMMENTS
SW1	150	Polysewer	9.850	9.000	0.850	0.700	PPIC	475	A15	450	
SW2	150	Polysewer	9.450	8.200	1.250	1.100	PPIC	600	D400	450	
SW3	100	Polysewer	9.850	9.000	0.850	0.700	PPIC	475	D400	450	
SW4	225	Polysewer	9.450	8.250	1.200	0.975	PPIC	600	D400	450	
SW5	150	Polysewer	9.450	8.100 7.650	1.800	1.200	Conc with 450mm sump	600	D400	450	Orifice Plate 2.5l/s 1.2m head
SW6	150	Polysewer	9.000	8.250 6.700	2.300	2.150	PPIC Limited Access	600	D400	450	
SW7	100	Polysewer	8.800	6.700	2.100	2.000	PPIC Limited Access	600	D400	450	
SW8	100	Polysewer	8.800	6.700	2.100	2.000	PPIC Limited Access	600	D400	450	
SW9	225	Polysewer	7.700	6.678	1.022	0.797	PPIC	600	D400	450	
SW10	225	Polysewer	7.500	6.660	0.840	0.615	PPIC	600	D400	600	
SW11	150	Polysewer	7.500	6.550 6.050	1.250	0.525	Conc with 450mm sump	1200	D400	600	Orifice Plate 3l/s 0.9m head

COMBINED WATER MANHOLE SCHEDULE											
MANHOLE REF:	PIPE OUTLET SIZE mm	PIPE MATERIAL	COVER LEVEL	INVERT LEVEL	DEPTH m	DEPTH to soffit	CHAMBER TYPE	CHAMBER SIZE mm	COVER TYPE	COVER SIZE mm	COMMENTS
CW1	150	Clay	7.300	6.500	0.800	0.650	PPIC	450	D400	450	

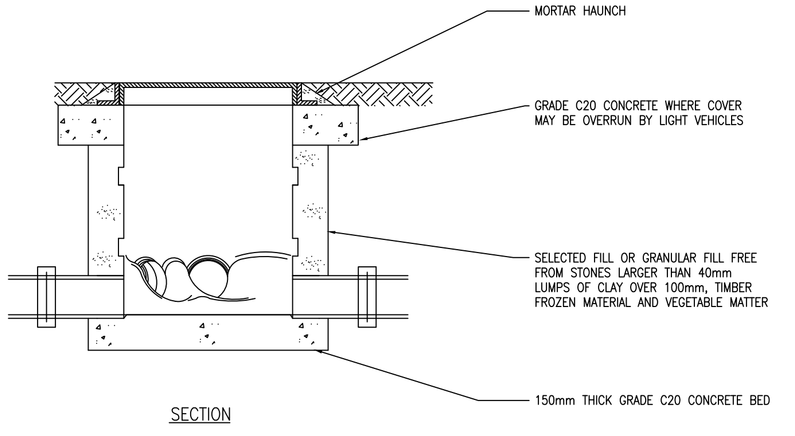
FOUL WATER MANHOLE SCHEDULE											
MANHOLE REF:	PIPE OUTLET SIZE mm	PIPE MATERIAL	COVER LEVEL	INVERT LEVEL	DEPTH m	DEPTH to soffit	CHAMBER TYPE	CHAMBER SIZE mm	COVER TYPE	COVER SIZE mm	COMMENTS
FW1	100	Polysewer	9.850	9.400	0.450	0.350	PPIC	475	A15	450	
FW2	100	Polysewer	9.850	9.275	0.575	0.475	PPIC	475	A15	450	
FW3	100	Polysewer	9.850	9.025	0.825	0.725	PPIC	475	A15	450	
FW4	100	Polysewer	10.000	8.987	1.013	0.913	PPIC	475	A15	450	
FW5	100	Polysewer	9.850	8.800	1.050	0.950	PPIC	475	A15	450	
FW6	100	Polysewer	9.450	7.700 6.700	1.630	1.530	PPIC Limited Access	475	A15	450	
FW7	100	Polysewer	7.550	7.070	0.480	0.380	PPIC	475	A15	450	
FW8	100	Polysewer	7.550	6.990	0.560	0.460	PPIC	475	A15	450	
FW9	100	Polysewer	7.550	7.060	0.490	0.390	PPIC	475	A15	450	
FW10	100	Polysewer	7.550	6.790	0.760	0.660	PPIC	475	A15	450	
FW11	100	Polysewer	7.350	6.550	0.800	0.700	PPIC	475	A15	450	
FW12	100	Polysewer	7.350	6.550	0.800	0.700	PPIC	475	A15	450	
FW13	100	Polysewer	7.800	7.000	0.800	0.700	PPIC	475	A15	450	
FW14	100	Polysewer	7.800	6.950	0.850	0.750	PPIC	475	A15	450	
FW15	100	Polysewer	7.800	6.800	1.000	0.900	PPIC	475	A15	450	
FW16	100	Polysewer	7.700	6.765	0.935	0.785	PPIC	475	A15	450	



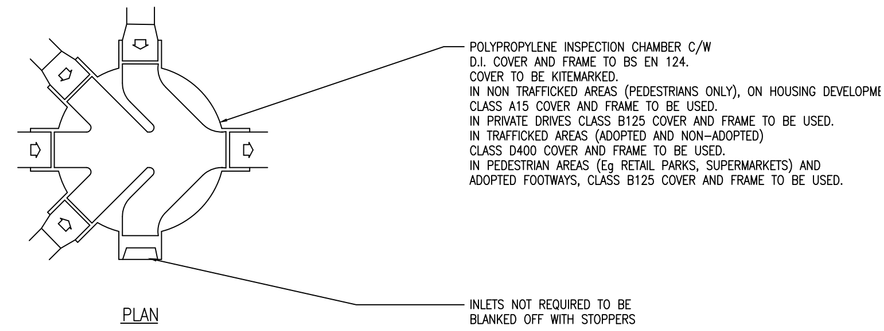
TYPICAL 1200mm FLOW CONTROL CATCHPIT MANHOLE



TYPICAL 1200mm FLOW CONTROL CATCHPIT MANHOLE (SW5 & SW11) SECTION E–E SCALE 1:20

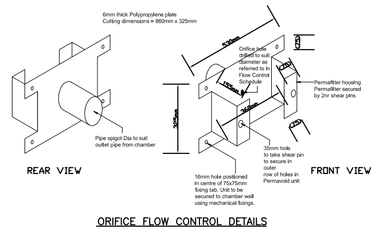


SECTION



PLAN

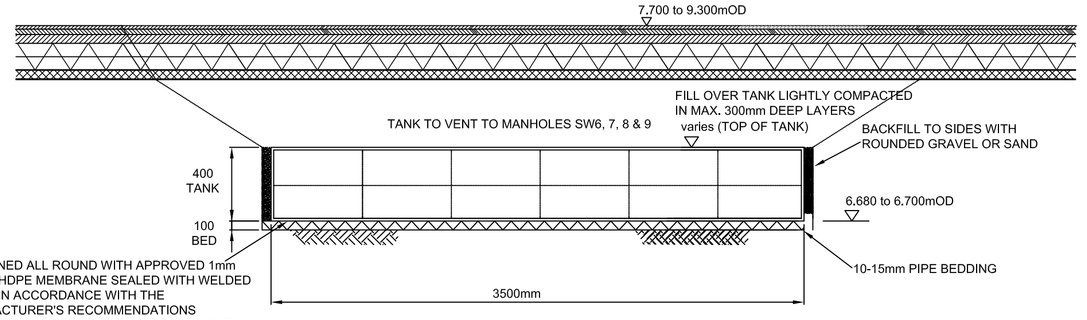
TYPICAL POLYPROPYLENE INSPECTION CHAMBER.
(UPTO 1.2m DEEP)



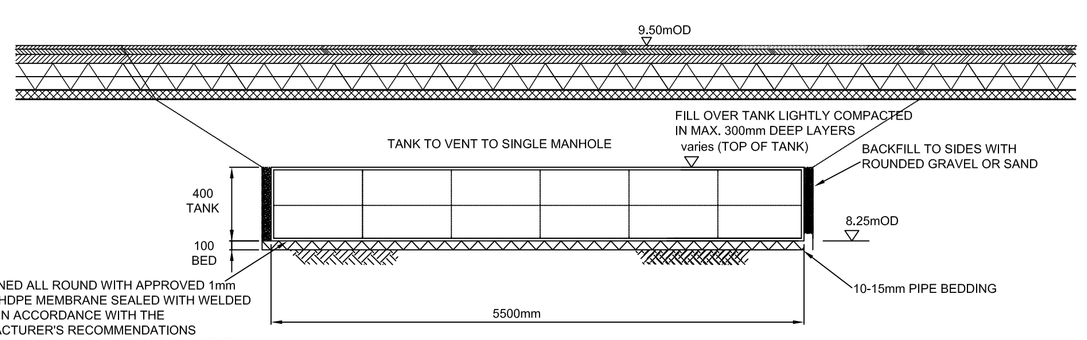
ORIFICE FLOW CONTROL DETAILS
NOT TO SCALE

FLOW CONTROL SCHEDULE

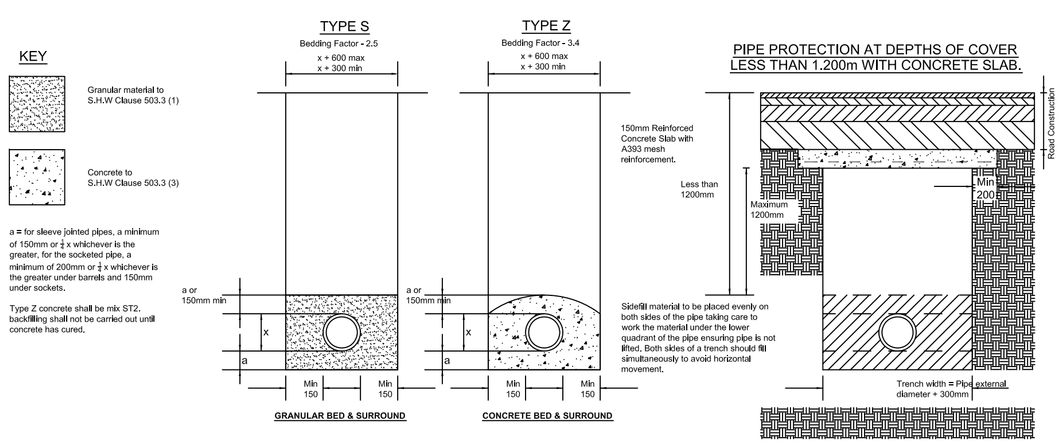
MH REF.	DISCHARGE LIMIT	ORIFICE DIAMETER
SW5	2.5 l/s	32mm
SW11	3 l/s	38mm



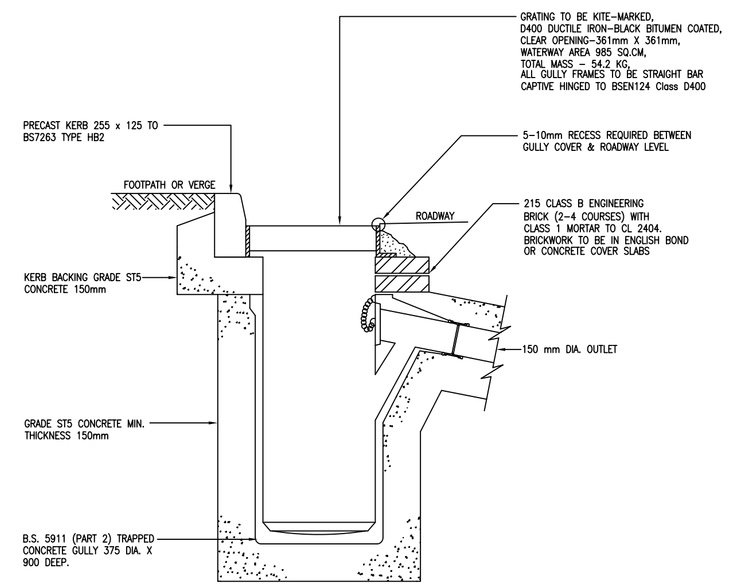
CRATE TANK No.1 - CROSS-SECTION (1:50)



CRATE TANK No.2 - CROSS-SECTION (1:50)



PROCESSED GRANULAR BEDDING & SIDEFILL MATERIALS FOR FLEXIBLE PIPES



NOTES

1. DESIRABLE MIN. SLOPE OF GULLY OUTFALL TO BE 1 IN 10.
2. 150mm GULLY CONNECTIONS TO BE SURROUNDED IN CONCRETE UNTIL COVER EXCEEDS 1.2m.
3. EXCAVATIONS AROUND GULLIES TO BE BACKFILLED WITH CLASS 1 MATERIAL AS DESCRIBED IN TABLE 6/1 AND COMPACTED AS DESCRIBED IN COMPLIANCE WITH CLAUSE 612. WHERE MECHANICAL COMPACTION IS IMPRACTICABLE, THE EXCAVATION IS TO BE BACKFILLED WITH GRADE ST5 CONCRETE.
4. GULLY FRAMES SHALL BE ACCURATELY LOCATED SO THAT THEY ARE:–
   i. SET DIRECTLY ABOVE THE GULLY CHAMBER
   ii. SET WITH THE BACK EDGE OF THE FRAME DIRECTLY ABUTTING THE FRONT FACE OF THE KERB

ROAD GULLY

REV	DESCRIPTION	DATE
0	For Approval/costing	19/03/18

EWE Associates Ltd
EWE Associates Limited
Windy Ridge Barn
Thealby Lane
Winterton
Scunthorpe
DN15 9TG
Tel: 07875 972270
Email : lea.favill@eweassociates.com

PROJECT
Barber Street Hoyland

CLIENT
Blunt Homes LLP

DRAWING TITLE
Drainage Details

SCALE	DATE
1:150	18/01/2018

DRAWN BY	CHECKED BY	REVISION
LJF	JF	0

DRAWING No
EWE/1576/03