

FW DEMARCATION CHAMBER SCHEDULE															
CHAMBER	COORDINATES	COVER LEVEL	INVERT LEVEL	DEPTH	DEPTH TO SOFFIT	PIPE IN	PIPE OUT	MH TYPE	COVER	DIAMETER	PIPE MATERIAL	PIPE LENGTH	GRADIENT	PIPE SPECIFICATION	CHAMBER SPECIFICATION
PF-06G	E:435810.105 N:408604.081	98.470	97.474	0.996	0.896	PF-06F 100Ø IL:97.474	PF-06G 100Ø 97.474	PPIC	B125	600	VC	7.143m	1:11	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-07D	E:435787.462 N:408573.855	100.500	99.124	1.376	1.276	PF-07C 100Ø IL:99.124	PF-07D 100Ø 99.124	PPIC	B125	600	VC	6.278m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-13C	E:435780.305 N:408564.615	101.600	100.222	1.378	1.278	PF-12B, PF-13B 100Ø IL:100.222	PF-13C 100Ø 100.222	PPIC	B125	600	VC	7.745m	1:12	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-18D	E:435817.065 N:408562.761	99.325	97.903	1.422	1.322	PF-18C 100Ø IL:97.903	PF-18D 100Ø 97.903	PPIC	B125	600	VC	4.848m	1:11	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-21D	E:435841.424 N:408551.902	99.550	98.294	1.256	1.156	PF-21C 100Ø IL:98.294	PF-21D 100Ø 98.294	PPIC	B125	600	VC	4.729m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-22D	E:435845.563 N:408531.764	99.880	97.102	2.778	2.678	PF-22C 100Ø IL:98.602	PF-22D 100Ø 97.102	TYPE B	D400 600x600	1200	VC	5.199m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-29D	E:435847.232 N:408484.068	100.625	98.756	1.869	1.769	PF-29C 100Ø IL:98.756	PF-29D 100Ø 98.756	PPIC	B125	600	VC	4.570m	1:19	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-36G	E:435849.089 N:408419.384	101.810	99.649	2.161	2.061	PF-36F 100Ø IL:99.649	PF-36G 100Ø 99.649	TYPE B	D400 600x600	1200	VC	4.988m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-41D	E:435854.482 N:408378.782	102.487	100.064	2.423	2.323	PF-41C 100Ø IL:100.064	PF-41D 100Ø 100.064	TYPE B	D400 600x600	1200	VC	5.148m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-45C	E:435853.237 N:408369.951	102.600	100.082	2.518	2.418	PF-42A 100Ø IL:100.082	PF-45C 100Ø 100.082	TYPE B	D400 600x600	1200	VC	4.151m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-48E	E:435840.037 N:408329.156	102.410	100.533	1.877	1.777	PF-48D 100Ø IL:100.533	PF-48E 100Ø 100.533	PPIC	B125	600	VC	4.374m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-53F	E:435890.230 N:408334.623	101.000	99.322	1.678	1.578	PF-53D 100Ø IL:99.322	PF-53F 100Ø 99.322	PPIC	B125	600	VC	4.639m	1:64	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-56B	E:435852.299 N:408333.131	102.150	99.188	2.962	2.862	PF-56A, PF55B 100Ø IL:99.188	PF-56B 100Ø 99.188	TYPE B	D400 600x600	1200	VC	6.130m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-58D	E:435882.926 N:408379.016	101.770	99.260	2.510	2.410	PF-58C 100Ø IL:99.260	PF-58D 100Ø 99.260	TYPE B	D400 600x600	1200	VC	5.111m	1:24	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-64D	E:435878.123 N:408387.270	101.600	99.536	2.064	1.964	PF-63C, PF-64C 100Ø IL:99.536	PF-64D 100Ø 99.536	PPIC	B125	600	VC	6.504m	1:12	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-68C	E:435860.228 N:408417.879	101.400	98.966	2.434	2.334	PF-67C, PF-68B 100Ø IL:98.966	PF-68C 100Ø 98.966	TYPE B	D400 600x600	1200	VC	6.725m	1:80	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-73D	E:435861.546 N:408457.366	101.020	99.386	1.634	1.534	PF-73C 100Ø IL:98.386	PF-73D 100Ø 98.386	PPIC	B125	600	VC	6.067m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-77C	E:435858.246 N:408478.817	100.600	98.872	1.728	1.628	PF-77B 100Ø IL:98.872	PF-77C 100Ø 98.872	PPIC	B125	600	VC	8.368m	1:23	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PF-79C	E:435858.239 N:408492.783	100.440	97.637	2.803	2.703	PF-79B 100Ø IL: 97.637	PF-79C 100Ø 97.637	TYPE B	D400 600x600	1200	VC	6.625m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-87E	E:435856.503 N:408540.902	99.590	97.057	2.533	2.433	PF-87D 100Ø IL:97.057	PF-87E 100Ø 97.057	TYPE B	D400 600x600	1200	VC	6.393m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-88D	E:435855.896 N:408548.147	99.560	97.132	2.428	2.328	PF-88C 100Ø IL:97.132	PF-88D 100Ø 97.132	TYPE B	D400 600x600	1200	VC	7.935m	1:10	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL
PF-92D	E:435850.688 N:408558.294	99.470	96.734	2.736	2.636	PF-92C 100Ø IL:96.734	PF-92D 100Ø 96.734	TYPE B	D400 600x600	1200	VC	7.137m	1:15	HEPWORTH SUPERSLEEVE	PRE-CAST CONCRETE MANHOLE REF: C055 FOR DETAIL

- NOTES
1.

FOR PPIC AND MANHOLE DETAILS REFER TO GHD DWG 44-12501429-C055
- YORKSHIRE WATER NOTES:
1.

ALL ADOPTABLE SEWER WORKS AND MATERIAL TO BE IN ACCORDANCE WITH 'SEWERS FOR ADOPTION' 6TH EDITION, THE RELEVANT BRITISHEUROPEAN AND YORKSHIRE WATERS STANDARDSREQUIREMENTSADDENDUM TO THE MECHANICAL AND ELECTRICAL SPECIFICATION AND KITEMARKED.
2.

MANHOLE COVERS SHALLMUST HAVE A CLEAR OPENING OF 600MM AND SHALL BE CLASS D400 TO BS EN 124 WITH 150MM DEEP FRAMES IN HIGHWAYS.
3.

FILLED GROUND MUST BE FILLED AND CONSOLIDATED UNDER THE SUPERVISION AND TO THE SATISFACTION OF YORKSHIRE WATER BEFORE ANY SEWER WORKS ARE CARRIED OUT.
4.

YORKSHIRE WATER IS NOT OBLIGED TO ACCEPT FILTER DRAINLAND DRAINAGE RUN-OFF INTO THE PUBLIC SEWER NETWORK OR ADOPTABLE DRAINAGE SYSTEM (DIRECTLY OR IN-DIRECTLY). AN ALTERNATIVE METHOD OF DISPOSAL OF THE LAND DRAINAGE RUN-OFF WILL THEREFORE BE REQUIRED AND YOU WILL HAVE TO LIAISE WITH THE LOCAL AUTHORITY. LAND DRAINAGE SECTION WITH REGARD TO THE DISPOSAL OF THE FILTER DRAINLAND DRAINAGE RUN-OFF.
5.

COVER SLABS MUST CARRY THE BS1 KITEMARK OR WILL BE REJECTED BY YORKSHIRE WATER INSPECTOR. WHERE THE CLEAR OPENING OF THE KITEMARKED PRODUCT IS DIFFERENT TO THAT OF THE COVER AND FRAME, A LOADING BEARING SLAB SHOULD BE FITTED ABOVE THE COVER SLAB TO BRING THE SIZE DOWN TO 600MM X 600MM FOR THE YORKSHIRE WATER SPECIFIED COVER SIZE. PLEASE REFER TO CONCRETE PIPE SYSTEMS ASSOCIATION (CPSA), 'TECHNICAL BULLETIN' ISSUED AUTUMN 2004 FOR KITEMARKED COVER SLAB OPENING SIZES.
6.

SULPHATE RESISTANT CEMENT (C20-DC2) AND PRECAST CONCRETE PRODUCTS MUST BE USED OR A LABORATORY REPORT PROVIDED PROVING THAT SUCH PRECAUTIONS ARE NOT NECESSARY.
7.

THE ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 1M AND MANHOLES 0.5M FROM KERB FACES AND SERVICE MARGINS.
8.

'SEWERS MUST HAVE 5 METRES CLEARANCE FROM TREES AND HEDGES (PLEASE ALSO REFER TO FIGURE 2.3 ON PAGE 33 IN 'SEWERS FOR ADOPTION' 6TH EDITION FOR RESTRICTIONS ON TREE PLANTING ADJACENT TO SEWERS)'
9.

SEWERS TO BE LAID IN CLASS 'S' BEDDING (150MM GRANULAR BED AND SURROUND), WHERE DEPTH OF COVER TO TOP OF THE SEWER IS LESS THAN 1.2M IN HIGHWAYS AND VERGES (OR LESS THAN 900MM IN NONE VEHICULAR ACCESS THEN A CONCRETE SLAB SHOULD BE PROVIDE ABOVE GRANULAR BED AND SURROUND.
10.

BEDDING AND BACKFILL MATERIAL TO CONFORM TO THE REQUIREMENT OF WATER INDUSTRY SPECIFICATION 4-08-02 (TABLE A2).
11.

THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION IN THEM MAY NEED TO BE INCREASED AN INCREMENT TO ACCOMMODATE THE CONNECTIONS AND BENDS.
12.

YORKSHIRE WATER POLICY IS NOT TO ACCEPT TYPE 'C' BRICK MANHOLES AND 1050MM DIA MANHOLE RINGS. INSTEAD IT IS PREFERRED THAT YOU USE A TYPE 'B' MANHOLE WITH 1200MM DIA OR 1500MM DIA RINGS, WITH THE OPENING SITED OVER THE CHANNEL WHERE DEPTH OF COVER TO PIPE SOFFIT IS 1 - 1.5M.
13.

WHERE A B125 COVER AND FRAME HAS BEEN APPROVED, THIS MUST NOT BE COATED IN PLASTIC AND MUST HAVE LIFTING EYES SUITABLY SIZED TO ACCOMMODATE STANDARD LIFTING KEYS. SCREW DOWN COVERS ARE NOT ACCEPTABLE.

P08	UPDATED LEVELS	SA	NT	VB	09.03.20
P07	UPDATED LEVELS	AW	NT	VB	06.11.19
P06	UPDATED LEVELS	TCP	NT	VB	25.09.19
P05	NEW LAYOUT	JS	NT	VB	05.08.19

No. Revision

Drawn Job Manager Project Director

Date

Drawing Revisions

Note: * indicates signatures on original issue of drawing or last revision of drawing

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Client **KEEPMOAT HOMES**

Project **CARLTON ROAD
BARNSELY**

Title **FOUL WATER
DEMARCATION CHAMBER
SCHEDULE**

Scale	AS SHOWN	DO NOT SCALE
Drawn	JS	Designer NT
Drafting Check	NT	Design Check VB

Approved (Project Director)

Date

This Drawing must not be used for Construction unless signed as Approved

Drawing No.

Original Size
A2

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Rev. **P08**

PRELIMINARY