

SW 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
PS-06D	E:435793.633 N:408600.784	99.500	97.775	1.725	1.575	PS-06C 150Ø IL: 97.775	PS-06D 150Ø IL: 97.775	PPIC	B125	600	VC	3.893m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-07C	E:435782.429 N:408573.783	100.680	99.578	1.102	0.952	PS-07B 150Ø IL: 99.578	PS-07C 150Ø IL: 99.578	PPIC	B125	600	VC	4.659m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-13D	E:435780.283 N:408565.333	100.950	99.754	1.196	1.046	PS-12RE1, PS-13B 150Ø IL: 99.754	PS-13D 150Ø IL: 99.754	PPIC	B125	600	VC	5.322m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-18B	E:435813.602 N:408562.966	99.380	97.963	1.417	1.267	PS-18A 150Ø IL: 97.963	PS-18B 150Ø IL: 97.963	PPIC	B125	600	VC	7.506m	1:11	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-21B	E:435842.053 N:408550.498	99.550	98.366	1.184	1.034	PS-21A 150Ø IL: 98.366	PS-21B 150Ø IL: 98.366	PPIC	B125	600	VC	6.817m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-24E	E:435846.281 N:408519.543	100.070	98.565	1.505	1.355	PS-24D 150Ø IL: 98.565	PS-24E 150Ø IL: 98.565	PPIC	B125	600	VC	6.198m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-29B	E:435846.887 N:408486.303	100.650	98.551	2.099	1.949	PS-29A 150Ø IL: 98.551	PS-29B 150Ø IL: 98.551	PPIC	B125	600	VC	6.400m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-37B	E:435849.752 N:408416.695	101.900	100.398	1.502	1.352	PS-37A 150Ø IL: 100.398	PS-37B 150Ø IL: 100.398	PPIC	B125	600	VC	6.113m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-41C	E:435854.747 N:408381.568	102.400	100.537	1.863	1.713	PS-41B 150Ø IL: 100.537	PS-41C 150Ø IL: 100.537	PPIC	B125	600	VC	6.278m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-45B	E:435852.849 N:408367.616	102.630	100.798	1.832	1.682	PS-45A 150Ø IL: 100.798	PS-45B 150Ø IL: 100.798	PPIC	B125	600	VC	5.872m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-48B	E:435840.901 N:408331.555	102.375	101.102	1.273	1.123	PS-48A 150Ø IL: 101.102	PS-48B 150Ø IL: 101.102	PPIC	B125	600	VC	6.070m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-52C	E:435892.696 N:408335.114	100.910	99.854	1.056	0.906	PS-52B 150Ø IL: 99.854	PS-52C 150Ø IL: 99.854	PPIC	B125	600	VC	3.215m	1:25	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-54B	E:435864.741 N:408327.452	101.725	100.234	1.491	1.341	PS-54A, PS-55A, PS-55RE2, 150Ø IL: 100.234	PS-54B 150Ø IL: 100.234	PPIC	B125	600	VC	3.393m	1:15	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-58C	E:435879.766 N:408377.200	101.720	99.945	1.775	1.625	PS-58B, PS-60A 150Ø IL: 99.945	PS-58C 150Ø IL: 99.945	PPIC	B125	600	VC	5.172m	1:22	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-64C	E:435879.766 N:408385.861	101.600	99.728	1.872	1.722	PS-63B, PS-64B 150Ø IL: 99.728	PS-64C 150Ø IL: 99.728	PPIC	B125	600	VC	3.488m	1:150	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-67B	E:435860.306 N:408415.688	101.750	99.784	1.966	1.816	PS-67A, PS-68D 150Ø IL: 99.614	PS-67B 150Ø IL: 99.784	PPIC	B125	600	VC	4.894m	1:150	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-72F	E:435861.208 N:408435.301	101.350	99.776	1.574	1.424	PS-72E, PS-73RE1 150Ø IL: 99.776	PS-72F 150Ø IL: 99.776	PPIC	B125	600	VC	4.215m	1:53	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-77B	E:435858.146 N:408460.293	100.550	99.395	1.155	1.005	PS-77A 150Ø IL: 99.395	PS-77B 150Ø IL: 99.395	PPIC	B125	600	VC	7.850m	1:80	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-79B	E:435857.600 N:408493.872	100.400	98.602	1.798	1.648	PS-79A 150Ø IL: 98.602	PS-79B 150Ø IL: 98.602	PPIC	B125	600	VC	4.492m	1:10	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-87B	E:435856.346 N:408542.434	99.580	98.493	1.087	0.937	PS-87A 150Ø IL: 98.493	PS-87B 150Ø IL: 98.493	PPIC	B125	600	VC	5.172m	1:80	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-88D	E:435855.616 N:408549.183	99.550	98.012	1.538	1.388	PS-88C 150Ø IL: 98.012	PS-88D 150Ø IL: 98.012	PPIC	B125	600	VC	7.220m	1:12	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER
PS-92C	E:435848.268 N:408559.917	99.450	97.432	2.018	1.868	PS-92B 150Ø IL: 97.432	PS-92C 150Ø IL: 97.432	PPIC	B125	600	VC	4.737m	1:70	HEPWORTH SUPERSLEEVE	NAYLOR PLASTIC INSPECTION CHAMBER

- 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 BSI 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 (C20-0C2) 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 PROVIDED 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.

P07	UPDATED LEVELS	SA	NT	VB	09.03.20
P06	UPDATED LEVELS	AW	NT	VB	06.11.19
P05	LEVELS UPDATED	TCP	NT	VB	25.09.19

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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Alexandra House, Lawnswood Business Park,
Leeds, LS16 6QY, United Kingdom
T 44 (0)113 487 8600
E UKmail@ghd.com W www.ghd.com

Client

KEEPMOAT HOMES

Project

CARLTON ROAD
BARNSELY

Title

SURFACE WATER
DEMARCATION CHAMBER
SCHEDULE

Scale

AS SHOWN

DO NOT SCALE

Drawn

JS

Designer JS

Drafting Check

NT

Design Check VB

Approved (Project Director)

Date

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

Drawing No.

44-12501429-C550

Original Size
A2

Rev.

P07

PRELIMINARY