



The alternative drainage design software

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Job No. <b>1234/2010</b>		
Sheet no. <b>1</b>		
Date <b>24/09/10</b>		
By <b>IJ</b>	Checked	Approved

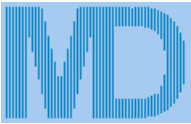
MasterDrain  
SW 12.23

Project  
**Crown Estates**

Title  
**Manhole printout for COLLEGE.SW**

Manhole ref.	X ref	Y ref	Form	Cham diam. or length	Rect. width	Chamb. height	Shaft height	MH Volume	Exit Diam	Exit Crown	Exit Invert	Cover Level	Dwnstr MH
SW1.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW1.02
SW1.02	N/A	N/A	circ	1200	N/A	1.52	N/A	1.72	150	10.658	10.483	12.000	SW1.03
SW2.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW1.03
SW1.03	N/A	N/A	circ	1200	N/A	2.02	N/A	2.28	225	10.233	9.983	12.000	SW1.04
SW3.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW3.02
SW3.02	N/A	N/A	circ	1200	N/A	1.52	N/A	1.72	150	10.658	10.483	12.000	SW1.04
SW4.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW4.02
SW5.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW4.02
SW4.02	N/A	N/A	circ	1200	N/A	1.62	N/A	1.83	150	10.558	10.383	12.000	SW4.03
SW4.03	N/A	N/A	circ	1200	N/A	1.99	N/A	2.25	150	10.183	10.008	12.100	SW1.04
SW1.04	N/A	N/A	circ	1200	N/A	2.24	N/A	2.53	300	10.086	9.761	12.000	SW1.05
SW6.01	N/A	N/A	circ	1200	N/A	1.42	N/A	1.61	225	10.825	10.575	12.000	SW1.05
SW1.05	N/A	N/A	circ	1500	N/A	2.35	N/A	4.15	375	10.050	9.650	12.000	SW1.06
SW7.01	N/A	N/A	circ	1200	N/A	1.42	N/A	1.61	225	10.825	10.575	12.000	SW1.06
SW8.01	N/A	N/A	circ	1200	N/A	1.42	N/A	1.61	225	10.825	10.575	12.000	SW1.06
SW1.06	N/A	N/A	circ	1800	N/A	2.57	N/A	6.53	600	10.058	9.433	12.000	SW1.07
SW9.01	N/A	N/A	circ	1200	N/A	1.50	N/A	1.70	450	10.975	10.500	12.000	SW9.02
SW9.02	N/A	N/A	circ	1200	N/A	1.56	N/A	1.77	450	10.913	10.438	12.000	SW9.03
SW9.03	N/A	N/A	circ	1200	N/A	1.69	N/A	1.91	450	10.788	10.313	12.000	SW9.04
SW10.01	N/A	N/A	circ	1200	N/A	1.35	N/A	1.53	150	10.825	10.650	12.000	SW9.04
SW9.04	N/A	N/A	circ	1200	N/A	1.77	N/A	2.00	150	10.405	10.230	12.000	SW1.07
SW1.07	N/A	N/A	circ	1800	N/A	2.68	N/A	6.81	600	9.947	9.322	12.000	Outfall

Levels calculated for level inverts

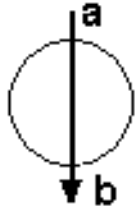


Job No. <b>1234/2010</b>		
Sheet no. <b>2</b>		
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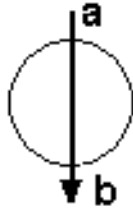
MasterDrain  
SW 12.23

Project  
**Crown Estates**

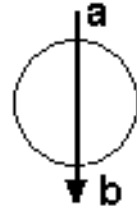
Title  
**Manhole printout for COLLEGE.SW**



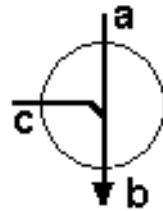
MH = SW1.01  
a = 0  
b = 150



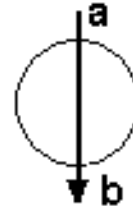
MH = SW1.02  
a = 150  
b = 150



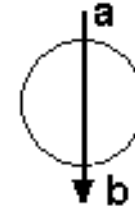
MH = SW2.01  
a = 0  
b = 150



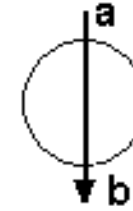
MH = SW1.03  
a = 150  
b = 225  
c = 150



MH = SW3.01  
a = 0  
b = 150



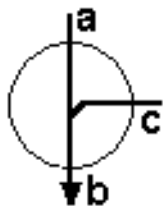
MH = SW3.02  
a = 150  
b = 150



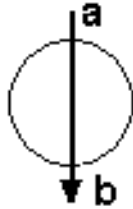
MH = SW4.01  
a = 0  
b = 150



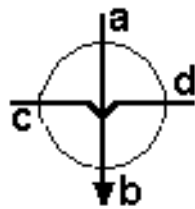
MH = SW5.01  
a = 0  
b = 150



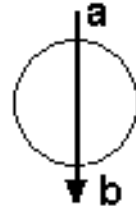
MH = SW4.02  
a = 150  
b = 150  
c = 150



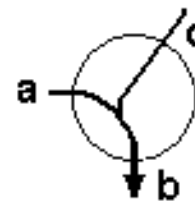
MH = SW4.03  
a = 150  
b = 150



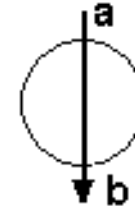
MH = SW1.04  
a = 150  
b = 300  
c = 225  
d = 150



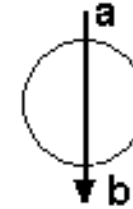
MH = SW6.01  
a = 0  
b = 225



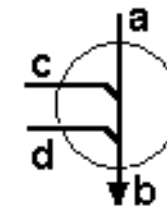
MH = SW1.05  
a = 225  
b = 375  
c = 225



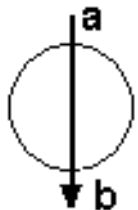
MH = SW7.01  
a = 0  
b = 225



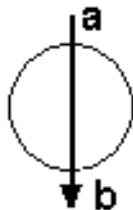
MH = SW8.01  
a = 0  
b = 225



MH = SW1.06  
a = 225  
b = 600  
c = 375  
d = 225



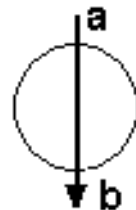
MH = SW9.01  
a = 0  
b = 450



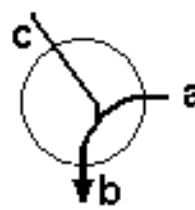
MH = SW9.02  
a = 300  
b = 450



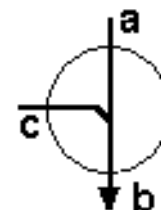
MH = SW9.03  
a = 300  
b = 450



MH = SW10.01  
a = 0  
b = 150



MH = SW9.04  
a = 150  
b = 150  
c = 300



MH = SW1.07  
a = 150  
b = 600  
c = 450



MasterDrain  
SW 12.23



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Sheet no. <b>3</b>		
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Project **Crown Estates**

Title **Manhole printout for COLLEGE.SW**

These explanatory notes should be read in conjunction with the Manhole printout

- 1) Manhole ref - the reference for the manhole in question
- 2) Form - either circular or rectangular
- 3) Chamber diam or length - diameter of chamber if circular, or length if rectangular - in metres
- 4) Rectangular width - if form is rectangular, this gives the width of the chamber
- 5) Chamber height - height of chamber from invert
- 6) Shaft height - height of access shaft if applicable, from top of chamber to ground level
- 7) Manhole volume - cubic capacity of manhole chamber
- 8) Exit diameter - diameter of pipe leaving this manhole
- 9) Exit crown - crown level of pipe leaving this manhole
- 10) Exit invert - invert level of pipe leaving this manhole
- 11) Manhole diameters of 9999 have exceeded the sizes available in SFA
- 12) Manhole diameters may have to be modified due to the number of branches