

Ironside Farrar Ltd				Page 1																																																																																																																																																																																																																			
3 Worsley Court Walkden Manchester M28 3NJ			Smithy Bridge Road Rochdale East RevB Volume Summary																																																																																																																																																																																																																				
Date 12/10/2022 16:35 File 30329 SMITHY BRIDGE EAST...			Designed by RDE Checked by																																																																																																																																																																																																																				
Micro Drainage			Network 2020.1																																																																																																																																																																																																																				
<u>Volume Summary (Static)</u> Length Calculations based on True Length <table><thead><tr><th>Pipe Number</th><th>USMH Name</th><th>Manhole Volume (m³)</th><th>Pipe Volume (m³)</th><th>Storage Structure Volume (m³)</th><th>Total Volume (m³)</th></tr></thead><tbody><tr><td>1.000</td><td>1</td><td>1.668</td><td>0.866</td><td>0.000</td><td>2.534</td></tr><tr><td>1.001</td><td>2</td><td>1.988</td><td>3.358</td><td>0.000</td><td>5.346</td></tr><tr><td>2.000</td><td>3</td><td>1.979</td><td>1.771</td><td>0.000</td><td>3.750</td></tr><tr><td>1.002</td><td>4</td><td>3.596</td><td>4.156</td><td>0.000</td><td>7.752</td></tr><tr><td>1.003</td><td>5</td><td>4.964</td><td>1.117</td><td>0.000</td><td>6.081</td></tr><tr><td>3.000</td><td>6</td><td>14.223</td><td>19.530</td><td>0.000</td><td>33.753</td></tr><tr><td>3.001</td><td>7</td><td>16.074</td><td>11.581</td><td>0.000</td><td>27.655</td></tr><tr><td>3.002</td><td>8</td><td>14.724</td><td>81.143</td><td>0.000</td><td>95.867</td></tr><tr><td>3.003</td><td>9</td><td>16.671</td><td>19.915</td><td>0.000</td><td>36.586</td></tr><tr><td>3.004</td><td>10</td><td>16.106</td><td>37.626</td><td>0.000</td><td>53.732</td></tr><tr><td>4.000</td><td>11</td><td>24.823</td><td>36.943</td><td>0.000</td><td>61.766</td></tr><tr><td>3.005</td><td>12</td><td>21.614</td><td>2.542</td><td>205.286</td><td>229.441</td></tr><tr><td>3.006</td><td>13</td><td>4.893</td><td>0.154</td><td>0.000</td><td>5.047</td></tr><tr><td>1.004</td><td>14</td><td>4.507</td><td>195.888</td><td>0.000</td><td>200.395</td></tr><tr><td>5.000</td><td>15</td><td>4.507</td><td>195.888</td><td>0.000</td><td>200.395</td></tr><tr><td>1.005</td><td>15</td><td>2.858</td><td>2.472</td><td>0.000</td><td>5.330</td></tr><tr><td>1.006</td><td>16</td><td>11.483</td><td>0.266</td><td>0.000</td><td>11.749</td></tr><tr><td>1.007</td><td>17</td><td>22.724</td><td>29.465</td><td>0.000</td><td>52.189</td></tr><tr><td>1.008</td><td>18</td><td>21.575</td><td>44.001</td><td>0.000</td><td>65.576</td></tr><tr><td>6.000</td><td>19</td><td>1.979</td><td>1.284</td><td>0.000</td><td>3.263</td></tr><tr><td>6.001</td><td>20</td><td>1.970</td><td>0.716</td><td>0.000</td><td>2.686</td></tr><tr><td>6.002</td><td>21</td><td>3.085</td><td>1.047</td><td>0.000</td><td>4.132</td></tr><tr><td>1.009</td><td>22</td><td>20.120</td><td>38.196</td><td>0.000</td><td>58.316</td></tr><tr><td>7.000</td><td>23</td><td>12.215</td><td>89.625</td><td>0.000</td><td>101.840</td></tr><tr><td>7.001</td><td>24</td><td>13.590</td><td>28.282</td><td>0.000</td><td>41.873</td></tr><tr><td>7.002</td><td>25</td><td>14.013</td><td>43.032</td><td>0.000</td><td>57.046</td></tr><tr><td>8.000</td><td>26</td><td>1.979</td><td>1.247</td><td>0.000</td><td>3.226</td></tr><tr><td>8.001</td><td>27</td><td>1.937</td><td>0.941</td><td>0.000</td><td>2.879</td></tr><tr><td>8.002</td><td>28</td><td>21.154</td><td>14.744</td><td>0.000</td><td>35.898</td></tr><tr><td>8.003</td><td>29</td><td>18.840</td><td>12.585</td><td>0.000</td><td>31.426</td></tr><tr><td>7.003</td><td>30</td><td>21.609</td><td>14.394</td><td>0.000</td><td>36.003</td></tr><tr><td>1.010</td><td>31</td><td>22.978</td><td>1.034</td><td>112.891</td><td>136.904</td></tr><tr><td>1.011</td><td>32</td><td>1.550</td><td>0.445</td><td>0.000</td><td>1.994</td></tr><tr><td colspan="2">Total</td><td>367.996</td><td>936.256</td><td>318.177</td><td>1622.429</td></tr></tbody></table>						Pipe Number	USMH Name	Manhole Volume (m³)	Pipe Volume (m³)	Storage Structure Volume (m³)	Total Volume (m³)	1.000	1	1.668	0.866	0.000	2.534	1.001	2	1.988	3.358	0.000	5.346	2.000	3	1.979	1.771	0.000	3.750	1.002	4	3.596	4.156	0.000	7.752	1.003	5	4.964	1.117	0.000	6.081	3.000	6	14.223	19.530	0.000	33.753	3.001	7	16.074	11.581	0.000	27.655	3.002	8	14.724	81.143	0.000	95.867	3.003	9	16.671	19.915	0.000	36.586	3.004	10	16.106	37.626	0.000	53.732	4.000	11	24.823	36.943	0.000	61.766	3.005	12	21.614	2.542	205.286	229.441	3.006	13	4.893	0.154	0.000	5.047	1.004	14	4.507	195.888	0.000	200.395	5.000	15	4.507	195.888	0.000	200.395	1.005	15	2.858	2.472	0.000	5.330	1.006	16	11.483	0.266	0.000	11.749	1.007	17	22.724	29.465	0.000	52.189	1.008	18	21.575	44.001	0.000	65.576	6.000	19	1.979	1.284	0.000	3.263	6.001	20	1.970	0.716	0.000	2.686	6.002	21	3.085	1.047	0.000	4.132	1.009	22	20.120	38.196	0.000	58.316	7.000	23	12.215	89.625	0.000	101.840	7.001	24	13.590	28.282	0.000	41.873	7.002	25	14.013	43.032	0.000	57.046	8.000	26	1.979	1.247	0.000	3.226	8.001	27	1.937	0.941	0.000	2.879	8.002	28	21.154	14.744	0.000	35.898	8.003	29	18.840	12.585	0.000	31.426	7.003	30	21.609	14.394	0.000	36.003	1.010	31	22.978	1.034	112.891	136.904	1.011	32	1.550	0.445	0.000	1.994	Total		367.996	936.256	318.177	1622.429
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