

A	DRAWING NUMBER S9895	SIZE A	SCALE: NONE	DATE: 4-6-15	APPROVED BY: PJ	CHECKED BY: PJ	DRAWN BY: TBW	9895	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com		ASPE MEMBER OF: PDI ASSE		LOCATION																				
									6" WIDE 9895 KLASSIKDRAIN® DRAIN SYSTEM w/INTEGRAL METAL RAIL																								
									FUNCTION: Used in all surface drainage applications. May be assembled in any length utilizing integral metal rails that allow for extra heavy duty hard wheel traffic applications.																								
									REGULARLY FURNISHED: 1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with a Built in Slope of .5%. Channel has an Integral Metal Rail, Radiused Bottom and 4" Internal Width. Supplied with Secured Grate as per Specification. Note: This Trench Drain System is designed for "On Grade Applications Only" as There are No Provisions for a Flashing Flange or Flashing Clamp. Note: Catch Basins come with Polymer Concrete Top, Plastic Bucket, and Plastic Base. 631 Catch Basins come with Plastic Riser as Well. Select a Suitable Grate. VARIATIONS: <table><tr><td>☐</td><td>Grate Specifications (See Back)</td></tr><tr><td>☐</td><td>6" Flumed Bottom Outlet</td></tr><tr><td>☐</td><td>Closing/4" Inlet/Outlet Cap -UNV4</td></tr><tr><td>☐</td><td>9895-901 Catch Basin</td></tr><tr><td>☐</td><td>9895-621 Catch Basin</td></tr><tr><td>☐</td><td>9895-631 Catch Basin</td></tr><tr><td>☐</td><td>Foul Air Trap (catch basin only)</td></tr><tr><td>☐</td><td>6" Horizontal Flumed Outlet Cap</td></tr><tr><td>☐</td><td>9854 Plastic Dome Bottom Strainer</td></tr><tr><td>☐</td><td>Installation Device</td></tr><tr><td>☐</td><td>Grate Removal Tool</td></tr></table> OPTIONAL RAIL MATERIALS: Stainless Steel												☐	Grate Specifications (See Back)	☐	6" Flumed Bottom Outlet	☐	Closing/4" Inlet/Outlet Cap -UNV4	☐	9895-901 Catch Basin	☐	9895-621 Catch Basin	☐	9895-631 Catch Basin	☐
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FIGURE NUMBER	A	10-11-16	Revised Dim. in Cross Section	TBW	MD	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 9895																									
REV.	DATE	DESCRIPTION		BY	CKD. BY																												

FIGURE NUMBER	DRAWN BY: TBW	CHECKED BY: PJ	APPROVED BY: PJ	DATE: 4-6-15	SCALE: NONE	SIZE A	DRAWING NUMBER S9895BS	A	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com			   MEMBER OF:		LOCATION																																																																																																																																																																																																																																																										
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Light Duty DIN 19580/EN 1433 Load Class A: 3500 lbs - 70 psi. For pedestrian, wheelchair and bicycle traffic. * ☐ 9870-410-GP - 1/4 dia perforated galv. steel grate (28.30 sq. in.) * ☐ 9870-420-G - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.) ☐ 9870-450-SS - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.) ☐ 9870-451-SSPA - 1/4 dia perforated stainless steel grate (28.30 sq. in.) * ☐ 9870-494-PADAB - 1 3/4 x 5/16 longitudinal slot black polypropylene grate (27.40 sq. in.) * ☐ 9870-494-PADAG - 1 3/4 x 5/16 longitudinal slot gray polypropylene grate (27.40 sq. in.) * ☐ 9870-491-HPP - 1 13/16 x 1/4 slotted black polypropylene grate (17.00 sq. in.) Medium Duty, DIN 19580/EN 1433 Load Class B: 28,100 lbs - 581 psi. For sidewalks and small private parking lots. * ☐ 9870-447-SSADA - 13/16 x 3/16 longitudinal stainless steel slot bar grate (58.40 sq. in.) Heavy Duty DIN 19580/EN 1433 Load Class C: 56,000 lbs - 1,162 psi. For commercial pneumatic tire traffic patterns, pneumatic tire forklifts and pneumatic tire tractor trailers. * ☐ 9870-405-GM - 13/16 x 1/2 longitudinal galv. steel slot bar grate (121.10 sq. in.) * ☐ 9870-411-GPHD - 1/4 dia perforated galv. steel grate (28.30 sq. in.) * ☐ 9870-425-GHD - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.) * ☐ 9870-430-SSM - 13/16 x 1/2 longitudinal stainless steel slot bar grate (121.10 sq. in.) * ☐ 9870-455-SSHD - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.) * ☐ 9870-465-SSP - 1/4 dia perforated stainless steel grate (28.30 sq. in.) * ☐ 9870-479-MD - Mosaic pattern ductile iron grate (19.50 sq. in.) * ☐ 9870-480-IW - Iron Wave pattern ductile iron grate (35.98 sq. in.) * ☐ 9870-481-ID - Iron Decorative pattern ductile iron grate (19.00 sq. in.) * ☐ 9870-492-RC - 1 1/2 x 13/16 slotted resin composite grate (16.30 sq. in.) Extra Heavy Duty, DIN 19580/EN 1433 Load Class E: 135,000 lbs - 2,788 psi. For commercial solid tire traffic patterns, forklifts and impacts from steel struts or metal wheels. * ☐ 9870-461-M - 3 15/16 x 3/8 ductile iron slotted grate (21.00 sq. in.) * ☐ 9870-490-SSHDE - 3 1/4 x 3/8 slotted stainless. steel grate (35.20 sq. in.) * ☐ 9870-435-GHDE - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.) * ☐ 9870-478-MADA - 1 3/4 x 5/16 longitudinal ductile iron slotted grate (14.30 sq in.) *Available in QuickLok style										DEEP END DEPTHS 9895 SYSTEM <table><thead><tr><th>Channel Number</th><th>Deep End Inch</th><th>Invert mm</th><th>Slope</th><th>Weight Lbs.</th></tr></thead><tbody><tr><td>9895-00</td><td>3.94</td><td>100</td><td>0.0%</td><td>28.1</td></tr><tr><td>9895-1</td><td>4.13</td><td>105</td><td>0.5%</td><td>28.1</td></tr><tr><td>9895-2</td><td>4.33</td><td>110</td><td>0.5%</td><td>28.9</td></tr><tr><td>9895-3</td><td>4.53</td><td>115</td><td>0.5%</td><td>29.7</td></tr><tr><td>9895-4</td><td>4.72</td><td>120</td><td>0.5%</td><td>30.5</td></tr><tr><td>9895-5</td><td>4.92</td><td>125</td><td>0.5%</td><td>31.3</td></tr><tr><td>9895-6</td><td>5.12</td><td>130</td><td>0.5%</td><td>32.1</td></tr><tr><td>9895-7</td><td>5.31</td><td>135</td><td>0.5%</td><td>32.9</td></tr><tr><td>9895-8</td><td>5.51</td><td>140</td><td>0.5%</td><td>33.7</td></tr><tr><td>9895-9</td><td>5.71</td><td>145</td><td>0.5%</td><td>34.5</td></tr><tr><td>9895-10</td><td>5.91</td><td>150</td><td>0.5%</td><td>35.3</td></tr><tr><td>9895-010</td><td>5.91</td><td>150</td><td>0.0%</td><td>35.3</td></tr><tr><td>9895-103</td><td>5.91</td><td>150</td><td>0.0%</td><td>17.0</td></tr><tr><td>9895-11</td><td>6.10</td><td>155</td><td>0.5%</td><td>36.1</td></tr><tr><td>9895-12</td><td>6.30</td><td>160</td><td>0.5%</td><td>36.9</td></tr><tr><td>9895-13</td><td>6.50</td><td>165</td><td>0.5%</td><td>37.7</td></tr><tr><td>9895-14</td><td>6.69</td><td>170</td><td>0.5%</td><td>38.5</td></tr><tr><td>9895-15</td><td>6.89</td><td>175</td><td>0.5%</td><td>39.3</td></tr><tr><td>9895-16</td><td>7.09</td><td>180</td><td>0.5%</td><td>40.1</td></tr><tr><td>9895-17</td><td>7.28</td><td>185</td><td>0.5%</td><td>40.9</td></tr><tr><td>9895-18</td><td>7.48</td><td>190</td><td>0.5%</td><td>41.7</td></tr><tr><td>9895-19</td><td>7.68</td><td>195</td><td>0.5%</td><td>42.5</td></tr><tr><td>9895-20</td><td>7.88</td><td>200</td><td>0.5%</td><td>43.4</td></tr><tr><td>9895-020</td><td>7.88</td><td>200</td><td>0.0%</td><td>43.4</td></tr><tr><td>9895-203</td><td>7.88</td><td>200</td><td>0.0%</td><td>20.5</td></tr><tr><td>9895-21</td><td>8.07</td><td>205</td><td>0.5%</td><td>44.2</td></tr><tr><td>9895-22</td><td>8.27</td><td>210</td><td>0.5%</td><td>45.0</td></tr><tr><td>9895-23</td><td>8.46</td><td>215</td><td>0.5%</td><td>45.8</td></tr><tr><td>9895-24</td><td>8.66</td><td>220</td><td>0.5%</td><td>46.8</td></tr><tr><td>9895-25</td><td>8.86</td><td>225</td><td>0.5%</td><td>47.4</td></tr><tr><td>9895-26</td><td>9.06</td><td>230</td><td>0.5%</td><td>48.2</td></tr><tr><td>9895-27</td><td>9.25</td><td>235</td><td>0.5%</td><td>49.0</td></tr><tr><td>9895-28</td><td>9.45</td><td>240</td><td>0.5%</td><td>49.8</td></tr><tr><td>9895-29</td><td>9.65</td><td>245</td><td>0.5%</td><td>50.6</td></tr><tr><td>9895-30</td><td>9.84</td><td>250</td><td>0.5%</td><td>51.4</td></tr><tr><td>9895-030</td><td>9.84</td><td>250</td><td>0.0%</td><td>51.4</td></tr><tr><td>9895-303</td><td>9.84</td><td>250</td><td>0.0%</td><td>24.0</td></tr><tr><td>9895-31</td><td>10.04</td><td>255</td><td>0.5%</td><td>52.2</td></tr><tr><td>9895-32</td><td>10.24</td><td>260</td><td>0.5%</td><td>53.0</td></tr><tr><td>9895-33</td><td>10.43</td><td>265</td><td>0.5%</td><td>53.8</td></tr><tr><td>9895-34</td><td>10.63</td><td>270</td><td>0.5%</td><td>54.6</td></tr><tr><td>9895-35</td><td>10.83</td><td>275</td><td>0.5%</td><td>55.4</td></tr><tr><td>9895-36</td><td>11.02</td><td>280</td><td>0.5%</td><td>56.2</td></tr><tr><td>9895-37</td><td>11.22</td><td>285</td><td>0.5%</td><td>57.0</td></tr><tr><td>9895-38</td><td>11.42</td><td>290</td><td>0.5%</td><td>57.9</td></tr><tr><td>9895-39</td><td>11.61</td><td>295</td><td>0.5%</td><td>58.7</td></tr><tr><td>9895-40</td><td>11.81</td><td>300</td><td>0.5%</td><td>59.5</td></tr><tr><td>9895-040</td><td>11.81</td><td>300</td><td>0.0%</td><td>59.5</td></tr><tr><td>9895-403</td><td>11.81</td><td>300</td><td>0.0%</td><td>27.5</td></tr></tbody></table>					Channel 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Lbs.	9895-00	3.94	100	0.0%	28.1	9895-1	4.13	105	0.5%	28.1	9895-2	4.33	110	0.5%	28.9	9895-3	4.53	115	0.5%	29.7	9895-4	4.72	120	0.5%	30.5	9895-5	4.92	125	0.5%	31.3	9895-6	5.12	130	0.5%	32.1	9895-7	5.31	135	0.5%	32.9	9895-8	5.51	140	0.5%	33.7	9895-9	5.71	145	0.5%	34.5	9895-10	5.91	150	0.5%	35.3	9895-010	5.91	150	0.0%	35.3	9895-103	5.91	150	0.0%	17.0	9895-11	6.10	155	0.5%	36.1	9895-12	6.30	160	0.5%	36.9	9895-13	6.50	165	0.5%	37.7	9895-14	6.69	170	0.5%	38.5	9895-15	6.89	175	0.5%	39.3	9895-16	7.09	180	0.5%	40.1	9895-17	7.28	185	0.5%	40.9	9895-18	7.48	190	0.5%	41.7	9895-19	7.68	195	0.5%	42.5	9895-20	7.88	200	0.5%	43.4	9895-020	7.88	200	0.0%	43.4	9895-203	7.88	200	0.0%	20.5	9895-21	8.07	205	0.5%	44.2	9895-22	8.27	210	0.5%	45.0	9895-23	8.46	215	0.5%	45.8	9895-24	8.66	220	0.5%	46.8	9895-25	8.86	225	0.5%	47.4	9895-26	9.06	230	0.5%	48.2	9895-27	9.25	235	0.5%	49.0	9895-28	9.45	240	0.5%	49.8	9895-29	9.65	245	0.5%	50.6	9895-30	9.84	250	0.5%	51.4	9895-030	9.84	250	0.0%	51.4	9895-303	9.84	250	0.0%	24.0	9895-31	10.04	255	0.5%	52.2	9895-32	10.24	260	0.5%	53.0	9895-33	10.43	265	0.5%	53.8	9895-34	10.63	270	0.5%	54.6	9895-35	10.83	275	0.5%	55.4	9895-36	11.02	280	0.5%	56.2	9895-37	11.22	285	0.5%	57.0	9895-38	11.42	290	0.5%	57.9	9895-39	11.61	295	0.5%	58.7	9895-40	11.81	300	0.5%	59.5	9895-040	11.81	300	0.0%	59.5	9895-403	11.81	300	0.0%	27.5
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Note: For overall depth of channel add .80" to invert depth shown.																																																																																																																																																																																																																																																																								
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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov