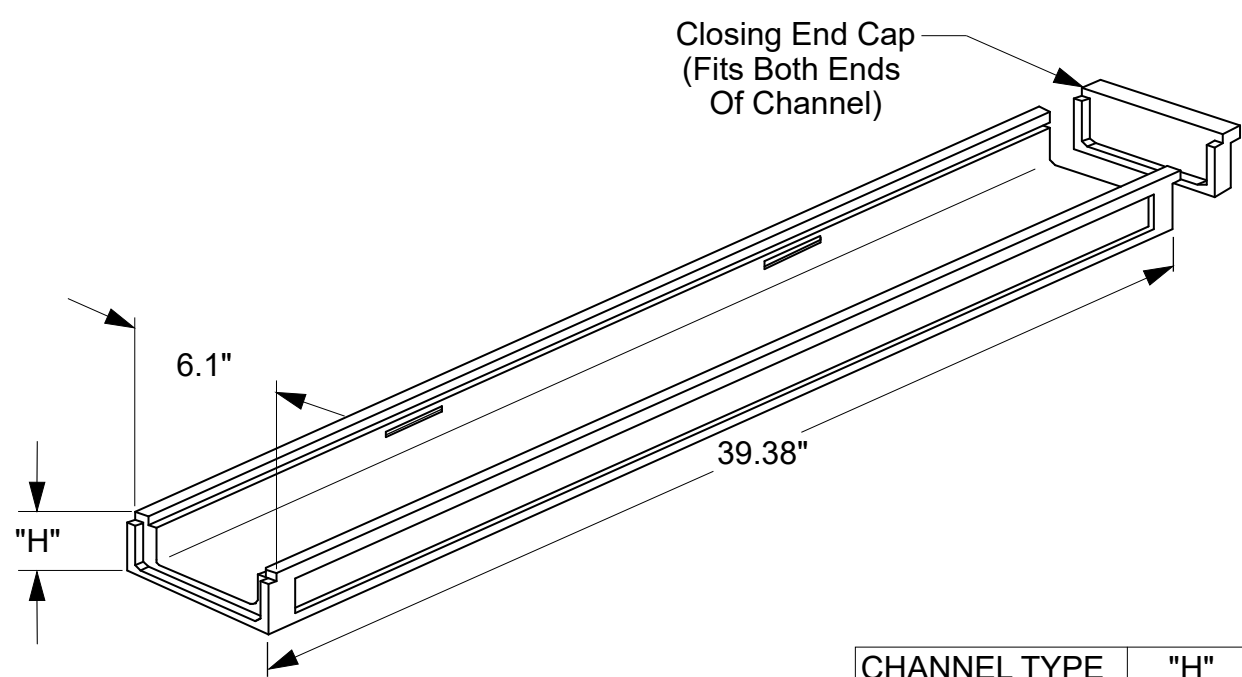


| H                                                                                                                                                                                                          | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;"> <b>SMITH® JAY R. SMITH MFG. CO.®</b><br/> <small>MEMBER OF MORRIS GROUP INTERNATIONAL<br/>             POST OFFICE BOX 3237<br/>             MONTGOMERY, ALABAMA 36109-0237 (USA)<br/>             TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com</small> </div> <div style="text-align: center;"> <br/> <small>MEMBER OF:</small> </div> <div style="text-align: center;"> <br/> <small>MEMBER OF:</small> </div> <div style="text-align: center;"> <br/> <small>MEMBER OF:</small> </div> </div> |                                                                                           |                        |                      |                     | LOCATION             |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------|----------------------|---------------------|----------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|-----|-----|-------|------|-------|
|                                                                                                                                                                                                            | SHALLOW CHANNEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| DRAWING NUMBER<br>a9832                                                                                                                                                                                    | SIZE<br>A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SCALE:<br>NONE                                                                            | DATE:<br>9-28-93       | APPROVED BY:         | CHECKED BY:<br>PACE | DRAWN BY:<br>TWK     | FIGURE<br>NUMBER<br><br>9832     | WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA                                                                                                                                                                                           |  |              |     |     |       |      |       |
|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  | DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE                                                                                                                                                                                  |  |              |     |     |       |      |       |
|                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CHANNEL TYPE</th> <th style="text-align: left;">"H"</th> </tr> <tr> <td>080</td> <td>3.10"</td> </tr> <tr> <td>0100</td> <td>3.90"</td> </tr> </table> |  | CHANNEL TYPE | "H" | 080 | 3.10" | 0100 | 3.90" |
| CHANNEL TYPE                                                                                                                                                                                               | "H"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| 080                                                                                                                                                                                                        | 3.10"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| 0100                                                                                                                                                                                                       | 3.90"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| <p><b>Note:</b> This trench drainage system is designed for "on grade applications only", as there are no provisions for a flashing flange or flashing clamp.</p>                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  | <p><b>NOTE:</b> Channels are provided with Vertical Preformed Knock-Out for 4" sch. 40 PVC Pipe.</p>                                                                                                                                                         |  |              |     |     |       |      |       |
| <p><b>REGULARLY FURNISHED:</b><br/>             1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with a Non-Sloping Bottom. Supplied with Secured Grate as Per Specification.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  | <p><b>VARIATIONS:</b><br/>             Grate Specifications (See Back)</p>                                                                                                                                                                                   |  |              |     |     |       |      |       |
| <p><b>Channel Type 080</b></p> <div style="border: 1px solid black; width: 30px; height: 15px; display: inline-block;"></div> Closing End Cap Universal                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  | <p><b>Channel Type 0100</b></p> <div style="border: 1px solid black; width: 30px; height: 15px; display: inline-block;"></div> Closing End Cap Universal                                                                                                     |  |              |     |     |       |      |       |
|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                           |                        |                      |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| H<br>G<br>F<br>E                                                                                                                                                                                           | 8-31-23<br>1-31-14<br>6-17-05<br>9-27-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Removed Function<br>Deleted Vinylester Material<br>Added Note<br>Deleted 4" Bottom Outlet | HS<br>TBW<br>TBW<br>RN | CL<br>PJ<br>PJ<br>PJ | WEIGHT<br>POUNDS    | VOLUME<br>CUBIC FEET | FIGURE NUMBER<br><br><b>9832</b> |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |
| REV.                                                                                                                                                                                                       | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DESCRIPTION                                                                               | BY                     | CKD. BY              |                     |                      |                                  |                                                                                                                                                                                                                                                              |  |              |     |     |       |      |       |



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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------|--------------------------------------------------|--------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------|--|
| <b>G</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <div style="display: flex; align-items: center;"> <div style="text-align: center;"> <br/> <b>SMITH®</b><br/> <small>CUSTOMER<br/>DRIVEN<br/>SINCE 1926</small> </div> <div style="margin-left: 10px;"> <b>JAY R. SMITH MFG. CO.®</b><br/> <small>MEMBER OF MORRIS GROUP INTERNATIONAL<br/>             POST OFFICE BOX 3237<br/>             MONTGOMERY, ALABAMA 36109-0237 (USA)<br/>             TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com</small> </div> <div style="margin-left: 20px;"> <br/> <small>ASPE</small> </div> <div style="margin-left: 20px;"> <br/> <small>PPI</small> </div> <div style="margin-left: 20px;"> <br/> <small>ACO</small> </div> </div> |      |                                                                                                                         |  |                                                     | <b>LOCATION</b>                                  |                                |                                    |                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SHALLOW CHANNEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                         |  |                                                     |                                                  |                                |                                    |                                                                                                          |  |
| <p style="text-align: center;">Light Duty, DIN 19580 <b>Class A</b> - 3,500 lbs - 70 psi For pedestrian, wheel chair and bicycle traffic</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> 9870-410-GP- 1/4" dia. perforated galv. steel grate (27.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-420-G - 3 1/4" x 3/8" slotted galv. steel grate (42.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-450-SS 3 1/4" x 3/8" slotted stainless steel grate (42.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-451-SSPA- 1/4" dia. perforated stainless steel grate (27.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-445-SSADA- 3/16" x 3/16" longitudinal stainless steel slot bar grate (95.00 SQ. IN.)<br/> <input type="checkbox"/> 9870-494-PADA- 1 3/4" x 5/16" longitudinal slot black polypropylene grate (28.0 SQ.IN.)<br/> <input type="checkbox"/> 9870-491-HPP- 1 13/16" x .25" slotted black polypropylene grate non-Q-loc (17.00 SQ.1N.)         </div> <div style="width: 50%;"> <p style="text-align: center;">Heavy Duty, DIN 19580 <b>Class C</b> -56,000 lbs - 1,162 psi<br/>             For commercial pneumatic tire traffic patterns, forklifts and tractor trailers</p> <input type="checkbox"/> 9870-405-GM- 1 3/16" x 1/2" longitudinal galv. steel slot bar grate (125.30 SQ. IN.)<br/> <input type="checkbox"/> 9870-411-GPHD- 1/4" dia. perforated galv. steel grate (27.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-425-GHD- 3 1/4" x 3/8" slotted galv. steel grate (42.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-430-SSM- 1 3/16" x 1/2" longitudinal stainless steel slot bar grate (125.30 SQ.IN.)<br/> <input type="checkbox"/> 9870-455-SSHD- 3 1/4" x 3/8" slotted stainless steel grate (42.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-460-CI- 3 15116" x 3/8" cast iron slotted grate (2 1.00 SQ.1N) n 0.), non-Q-Loc<br/> <input type="checkbox"/> 9870-465-SSP- 1/4" dia. perforated stainless steel grate (27.60 SQ. IN.)<br/> <input type="checkbox"/> 9870-477-ML- 1 3/4" x 1 longitudinal ductile iron slotted grate (42.00 SQ. IN.)<br/> <input type="checkbox"/> 9870-479-MD- Mosaic pattern ductile iron grate (19.50 SQ.1N)<br/> <input type="checkbox"/> 9870-492-RC- 1 1/2" x 13/16" slotted resin composite grate (16.30 SQ. IN.)         </div> </div> <p style="margin-top: 20px;"><b>NOTE:</b> The grate securing bolts must remain secured in the grate and tightened to the locking bar installed in the channel. If the grate securing bolts are removed from the grates for maintenance of the trench drain, they must be replaced and retightened. If the grate securing bolts are left out of the grates, the life span of the trench drain system could be affected along with the safety of pedestrian traffic.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                         |  |                                                     |                                                  |                                |                                    |                                                                                                          |  |
| <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.5em;">9832BS</div> <div style="text-align: right;"> <br/> <b>Trench Drain Series</b> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                                                                                         |  |                                                     |                                                  |                                |                                    |                                                                                                          |  |
| <b>FIGURE<br/>NUMBER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>9-9-14</b><br><b>1-31-14</b><br><b>8-19-05</b><br><b>9/16/02</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | <b>Deleted 9870-440-VF/VF2</b><br><b>Revised Grate Table</b><br><b>Revised Grate Table</b><br><b>Added New ACO Logo</b> |  | <b>TBW</b><br><b>TBW</b><br><b>TBW</b><br><b>RN</b> | <b>PJ</b><br><b>PJ</b><br><b>PJ</b><br><b>MD</b> | <b>WEIGHT</b><br><b>POUNDS</b> | <b>VOLUME</b><br><b>CUBIC FEET</b> | <b>FIGURE NUMBER</b><br><div style="font-size: 2em; font-weight: bold; text-align: center;">9832BS</div> |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | REV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DATE | DESCRIPTION                                                                                                             |  | BY                                                  | CKD. BY                                          |                                |                                    |                                                                                                          |  |



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