

G	DRAWING NUMBER S9940	SIZE A	SCALE: NONE	DATE: 3-23-18	APPROVED BY: PJ	CHECKED BY: PJ	DRAWN BY: TBW	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: 888-377-7818 www.jrsmith.com		ASPE MEMBER OF:		LOCATION																																													
								9940 ZIP TRENCH®																																																	
FIGURE NUMBER	9940	WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA																																																							
		DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE																																																							
		REGULARLY FURNISHED: 3 meter (9.84') 100% Polypropylene with UV Inhibitors Assembled to Coated Steel Frame with Channels Connect with 1 1/4" Overlap Joint. Design has a Built In Slope of 0.6% with Radiused Bottom. Supplied with Secured Grate Per Specification.																																																							
		VARIATIONS: <table><tr><td>☐</td><td>Grate Specifications (See Back)</td><td>☐</td><td>OPTIONAL RAIL MATERIAL:</td></tr><tr><td>☐</td><td>9940-ED-CS Deep End Cap with Steel end Frame</td><td>☐</td><td>Galvanized Steel</td></tr><tr><td>☐</td><td>9940-ED-G Deep End Cap with Galvanized end Frame</td><td>☐</td><td>Type 304 Stainless Steel</td></tr><tr><td>☐</td><td>9940-ED-HCS 4" Horizontal End Cap with Steel End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ED-HG 4" Horizontal End Cap with Galvanized End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ED-HSS 4" Horizontal End Cap with Stainless Steel End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ED-SS Deep End Cap with Stainless Steel End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ES-CS Shallow End Cap with Steel End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ES-G Shallow End Cap with Galvanized End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-ES-SS Shallow End Cap with Stainless Steel End Frame</td><td></td><td></td></tr><tr><td>☐</td><td>9940-MC Double Male Coupling</td><td></td><td></td></tr></table>												☐	Grate Specifications (See Back)	☐	OPTIONAL RAIL MATERIAL:	☐	9940-ED-CS Deep End Cap with Steel end Frame	☐	Galvanized Steel	☐	9940-ED-G Deep End Cap with Galvanized end Frame	☐	Type 304 Stainless Steel	☐	9940-ED-HCS 4" Horizontal End Cap with Steel End Frame			☐	9940-ED-HG 4" Horizontal End Cap with Galvanized End Frame			☐	9940-ED-HSS 4" Horizontal End Cap with Stainless Steel End Frame			☐	9940-ED-SS Deep End Cap with Stainless Steel End Frame			☐	9940-ES-CS Shallow End Cap with Steel End Frame			☐	9940-ES-G Shallow End Cap with Galvanized End Frame			☐	9940-ES-SS Shallow End Cap with Stainless Steel End Frame			☐	9940-MC Double Male Coupling		
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Note: Channel flow rates based on channels less grates and open ended. Light Duty EN 1433 Load Class A: 3500 lbs - 70 psi. For pedestrian, wheelchair and bicycle traffic. * ☐ 9870-410-GP1G - 1/4 dia perforated galv. steel grate (28.30 sq. in.) * ☐ 9870-420-G1G - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.) * ☐ 9870-451-SSPA1G - 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.) * ☐ 9870-450-SS1G - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.) Medium Duty EN 1433 Load Class B: 28100 lbs - 581 psi. For light vehicle traffic. * ☐ 9870-447-SSADA1G - 13/16 x 3/16 longitudinal stainless steel slot bar grate (58.40 sq. in.) Heavy Duty EN 1433 Load Class C: 56,000 lbs - 1,162 psi. For commercial pneumatic tire traffic patterns, forklifts (pneumatic tire) and tractor trailers (pneumatic tire). * ☐ 9870-405-GM1G - 13/16 x 1/2 longitudinal galv. steel slot bar grate (121.10 sq. in.) * ☐ 9870-411-GPHD1G - 1/4 dia perforated galv. steel grate (28.30 sq. in.) * ☐ 9870-425-GHD1G - 3 1/4 x 3/8 slotted galv. steel grate (35.20 sq. in.) * ☐ 9870-430-SSM1G - 13/16 x 1/2 longitudinal stainless steel slot bar grate (121.10 sq. in.) * ☐ 9870-455-SSHD1G - 3 1/4 x 3/8 slotted stainless steel grate (42.60 sq. in.) * ☐ 9870-462-MC.5G - 3 15/16 x 3/8 ductile iron slotted grate (24.00 sq. in.) * ☐ 9870-465-SSP1G - 1/4 dia perforated stainless steel grate (28.30 sq. in.) * ☐ 9870-487-MADAC.5G - 1 3/4 x 5/16 longitudinal ductile iron slotted grate (23.00 sq. in.) * ☐ 9870-479-MD.5G - Mosaic pattern ductile iron grate (19.50 sq. in.) * ☐ 9870-481-ID.5G - 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, EN 1433 Class E: 135,000 lbs - 2,788 psi. For commercial solid tire traffic patterns, forklifts and impacts from steel struts or metal wheels. * ☐ 9870-435-GHDE1G - 3 1/4 x 3/8 slotted galv. steel grate (42.60 sq. in.) * ☐ 9870-461-M.5G - 3 15/16 x 3/8 ductile iron slotted grate (21.00 sq. in.) * ☐ 9870-478-MADA.5G - 1 3/4 x 5/16 longitudinal ductile iron slotted grate (14.30 sq. in.) * ☐ 9870-490-SSHDE1G - 1 3/4 x 3/8 slotted stainless steel grate (42.60 sq. in.)																																																																																																																																																																																	
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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov