

H	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 MEMBER OF: MEMBER OF:				LOCATION 														
	SHALLOW CHANNEL																		
DRAWING NUMBER a9836	SIZE A	SCALE: NONE	DATE: 8/11/06	APPROVED BY: MD	CHECKED BY: MD	DRAWN BY: RN	DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE		WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA										
 SIDE VIEW END VIEW BOTTOM VIEW 4" schedule 40 drill-out																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30px;"></th> <th style="width: 30%;">CHANNEL TYPE</th> <th style="width: 30%;">"H"</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">✓</td> <td>060</td> <td>2.38" (60mm)</td> </tr> <tr> <td></td> <td>080</td> <td>3.12" (80mm)</td> </tr> </tbody> </table>												CHANNEL TYPE	"H"	✓	060	2.38" (60mm)		080	3.12" (80mm)
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NOTE: Channels are provided with Vertical Preformed Knock-Out for 4" sch. 40 PVC Pipe. NOTE: Dimensions in parentheses are MM. REGULARLY FURNISHED: 1 meter (3.28') Precast Polymer Concrete Channel of Interlocking Design with a Non-Sloping Flat Bottom Channel and Integral Galv. Steel Rail edge. Supplied with Secured Grate as per Specification. OPTIONAL MATERIALS: ☐ Stainless Steel Rail Edge (see back sheet for Grate Details) Channel Type 080 ☐ Closing End Cap Universal (Galvanized) ☐ Closing End Cap Universal (Stainless) NOTE: This trench drainage system is designed for "on grade applications only", as there are no provisions for a flashing flange or flashing clamp.																			
Trench Drain Series																			
9836 FIGURE NUMBER	H	8-31-23	Removed Function	HS	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 9836											
	G	6-17-21	Added 060 to Table	KK	PJ														
	F	1-23-14	Removed Vinylester Material	TBW	PACE														
	E	6-20-13	Deleted 0100 Channel	TBW	PACE														
REV.	DATE	DESCRIPTION			BY	CKD. BY													



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

E	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: MEMBER OF: MEMBER OF:					LOCATION 										
	SHALLOW CHANNEL															
	GRATE SPECIFICATIONS BY LOAD CLASS															
	Light Duty, DIN 19580 Class A - 3,500 lbs - 70 psi For pedestrian, wheel chair and bicycle traffic ☐ 9870-410-GP- 1/4" dia. perforated galv. steel grate (27.60 SQ. IN.) Open Area/1 Meter ☐ 9870-420-G - 3 1/4" x 3/8" slotted galv. steel grate (42.60 SQ. IN.) Open Area/1 Meter ☐ 9870-450-SS- 3 1/4" x 3/8" slotted stainless steel grate (42.60 SQ. IN.) Non Q-Loc) Open Area/1 Meter ☐ 9870-451-SSPA- 1/4" dia. perforated stainless steel grate (27.60 SQ. IN.) Open Area/1 Meter ☐ 9870-445-SSADA- 13/16" x 3/16" longitudinal stainless steel slot bar grate (95.00 SQ. IN.) Open Area/1 Meter ☐ 9870-494-PADA- 1 3/4" x 5/16" longitudinal slot black polypropylene grate (28.0 SQ. IN.) Open Area/1/2 Meter ☐ 9930-HPP- 1 13/16" x 1/4" slotted black polypropylene grate non-Q-loc (17.00 SQ. IN.) Open Area/1/2 Meter Heavy Duty, DIN 19580 Class C -56,000 lbs - 1,162 psi For commercial pneumatic tire traffic patterns, forklifts and tractor trailers ☐ 9870-405-GM- 13/16" x 1/2" longitudinal galv. steel slot bar grate (125.30 SQ. IN.) Open Area/1 Meter ☐ 9870-411 -GPHD- 1/4" dia. perforated galv. steel grate (27.60 SQ. IN.) Open Area/1 Meter ☐ 9870-425-GHD- 3 1/4" x 3/8" slotted galv. steel grate (42.60 SQ. IN.) Open Area/1 Meter ☐ 9870-430-SSM- 1 3/16" x 1/2" longitudinal stainless steel slot bar grate (125.30 SQ. IN.) Open Area/1 Meter ☐ 9870-455-SSHD- 3 1/4" x 3/8" slotted stainless steel grate (42.60 SQ. IN.)Open Area/1 Meter ☐ 9870-465-SSP- 1/4" dia. perforated stainless steel grate (27.60 SQ. IN.) Open Area/1 Meter ☐ 9870-477-ML- 1 3/4" x 1" longitudinal ductile iron slotted grate (42.00 SQ. IN.) Open Area/1/2 Meter ☐ 9870-479-MD- Mosaic pattern ductile iron grate (19.50 SQ. IN) Open Area/1/2 Meter ☐ 9870-492-RC- 1 1/2" x 13/16" slotted resin composite grate (16.30 SQ. IN.)Open Area/1/2 Meter ☐ 9870-462-DGC- 3 15/16" x 3/8" ductile iron slotted grate (21.00 SQ. IN.) Extra Heavy Duty, DIN 19580 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-GHDE- 3 1/4" x 3/8" slotted galv. steel grate (42.60 SQ. IN.) ☐ 9870-456-MS- solid ductile iron cover (Non Q-Loc) ☐ 9870-461-M- 3 15/16" x 3/8" ductile iron slotted grate (21.00 SQ. IN.) ☐ 9870-478-ADA- 1 3/4" x 5/16" longitudinal ductile iron slotted grate (14.30 SQ. IN.) ☐ 9870-490-SSHDE- 3 1/4" x 3/8" slotted stainless steel grate (42.60 SQ. IN.)															
*Available in 1/2" and 1" meter lengths Trench Drain Series																
FIGURE NUMBER	E D C B		12-6-21 9-9-14 1-23-14 6-20-13		Added DGC Deleted 9870-440-VF/VF2 Revised Grate Specifications Removed 9870-460-CI		KK TBW TBW TBW		PACE PACE PACE PACE		WEIGHT POUNDS		VOLUME CUBIC FEET		FIGURE NUMBER 9836BS	
	REV.		DATE		DESCRIPTION		BY		CKD. BY							