



**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

DRAWING NUMBER  
s9940-LC

SIZE  
A

SCALE:  
NONE

DATE:  
7-17-2019

APPROVED BY:  
PJ

CHECKED BY:  
PJ

DRAWN BY:  
MW

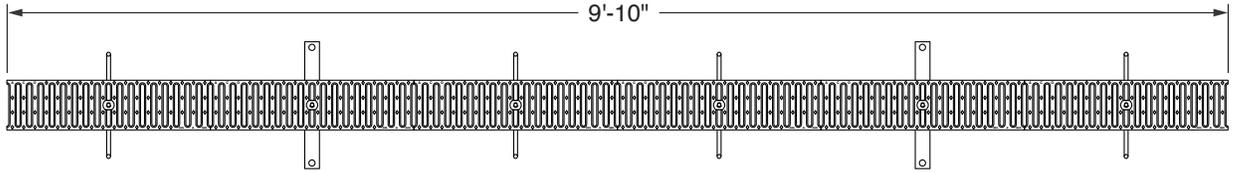
9940-LC

FIGURE NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

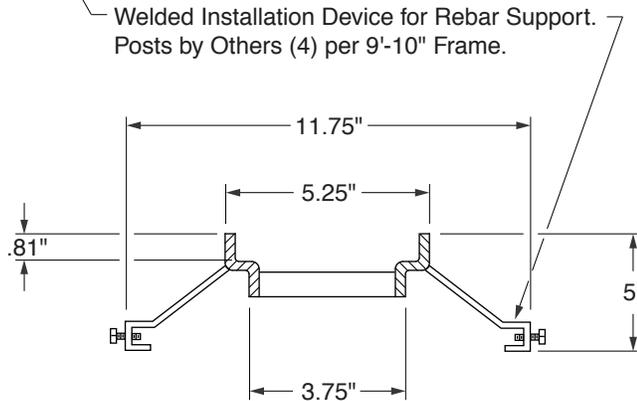
# 9940-LC FRAME & GRATE SYSTEM



**TOP VIEW**  
(Ductile Iron Slotted Grates Shown)



**SIDE VIEW**  
Concrete Anchors (8) per 9'-10" Frame



**SECTION VIEW OF FRAME**

**REGULARLY FURNISHED:**  
 Enamel Coated Welded Steel Frame  
 Support System with Concrete Anchors  
 (1 pair every 9.84") and Rebar Installation  
 Devices (4 per 9.84' frame section).  
 Supplied with Secured Grates as Specified  
 (See Backsheet).

**OPTIONAL FRAME MATERIAL:**  
 Stainless Steel (304)  
 Galvanized Steel



REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET

**FIGURE NUMBER**  
**9940-LC**



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FIGURE NUMBER  
**9940-LCBS**

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# 9940-LC FRAME & GRATE SYSTEM

**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 1/4x 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.) Open Area/1 Meter
- 9870-451-SSPA- 1/4 dia. perforated stainless steel grate (27.60 SQ. IN.) Open Area/1 Meter
- 9870-447-SSADA- 1 13/16 x 3/16 longitudinal stainless steel slot bar grate (95.00 SQ. IN.) Open Area/1 Meter
- 9870-494-PADAB- 1 3/4 x 5/16 longitudinal slot black polypropylene grate (28.00 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- 1 3/16 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
- 9870-416-GS- solid galvanized steel cover
- 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
- 9870-479-MD- Mosaic pattern ductile iron grate (19.50 SQ. IN) Open Area/1/2 Meter
- 9870-492-RC- 1 1/2x 13/16 slotted resin composite grate (16.30 SQ. IN.) Open Area/1/2 Meter

**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.) Open Area/1 Meter
- 9870-461-M- 3 15/16 x 3/8 ductile iron slotted grate (21.00 SQ. IN.) Open Area/1/2 Meter
- 9870-478-MADA- 1 3/4 x 5/16 longitudinal ductile iron slotted grate (14.30 SQ. IN.) Open Area/1/2 Meter
- 9870-490-SSHDE- 3 1/4 x 3/8 slotted stainless steel grate (42.60 SQ. IN.) Open Area/1 Meter



REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
							<b>9940-LCBS</b>