



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



LOCATION

B

DRAWING NUMBER
9896-621-CBS

SIZE
A

SCALE:
NONE

DATE:
3-18-19

APPROVED BY:
PJ

CHECKED BY:
PJ

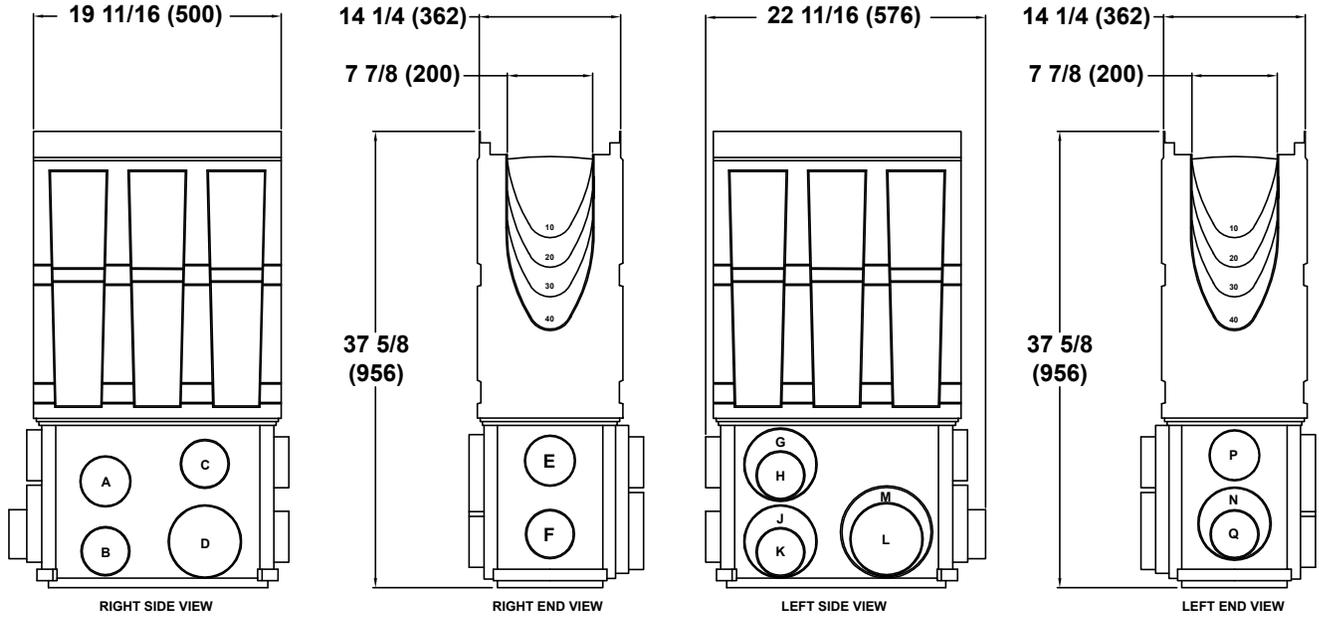
DRAWN BY:
MW

9896-621-CBS

FIGURE NUMBER

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

14" WIDE 9896-621-CBS KLASSIKDRAIN® CATCH BASIN w/INTEGRAL METAL RAIL



Note: See Back For Outlet Sizes And Flow Capacities

- 9896-621G-CBS Catch Basin with Galvanized Rail
- 9896SS-621S-CBS Catch Basin with Stainless Steel Rail

REGULARLY FURNISHED:

1/2 meter (1.64') Precast Polymer Concrete Catch Basin With An Integral Galvanized Steel Edge Rail. Total Capacity Of 25 Gallons. Supplied with Secured Grate Per Specification and Plastic Sediment Bucket.

VARIATIONS:

- Grate Specifications (See Back)
- 9896-FAT Foul Air Trap (4" only)
- 9896-GRT Grate Removal Tool

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: This Catch Basin Comes Standard With Polymer Concrete Top Removable Quicklok Locking Bar, Plastic Bucket, And Plastic Base. Select An Appropriate Grate.

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
	2-4-26 9-11-23	Added Selections Rev. Variations Removed Function	TB HS	KV CL			9896-621-CBS

C



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MEMBER OF:

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14" WIDE 9896-621-CBS KLASSIKDRAIN® CATCH BASIN w/INTEGRAL METAL RAIL

Light Duty, EN 1433 Load Class A:
 3,500 lbs - 70 psi. For pedestrian, wheelchair
 and bicycle traffic.

- * **9890-847-SSADA1G** - 13/16 x 3/16 longitudinal
 stainless steel slot bar grate (171 sq. in.)

Heavy Duty, EN 1433 Load Class C:
 56,000 lbs - 1,162 psi. For commercial
 pneumatic tire traffic patterns, forklifts and
 tractor trailers.

- * **9890-805-GM1G** - 13/16 x 1/2 galv. steel
 mesh grate (256.00 sq. in.)
- * **9890-811-GP1G** - 1/4 dia perforated galv. steel
 grate (44.60 sq. in.)
- * **9890-830-SSM1G** - 13/16 x 1/2 stainless
 mesh grate (256.00 sq. in.)
- * **9890-865-SSP1G** - 1/4 dia perforated stainless steel
 grate (44.60 sq. in.)
- * **9890-878-MADA.5G** - 1 3/4 x 5/16 longitudinal ductile iron
 slotted grate (60.60 sq. in.)
- * **9890-879-MD.5G**- Mosaic pattern ductile iron grate
 (38.30 sq. in.)
- * **9890-880-IW.5G** - Iron Wave pattern ductile iron grate
 (58.72 sq. in.)
- * **9890-881-ID.5G** - Iron Decorative pattern ductile iron
 grate (29.10 sq. in.)

Extra Heavy Duty, 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.

- * **9890-861-M.5G** - 3 15/16 x 3/8 ductile iron slotted grate
 (81.89 sq. in.)

*Available in QuickLok style

Outlet Flow Rates

Outlet	Outlet Size	Invert Inches	Invert mm	GPM	CFS
A	4" round	29.80	757	287	0.64
B	4" round	36.29	922	319	0.71
C	4" round	28.22	717	279	0.62
D	6" round	36.29	922	707	1.57
E	4" round	28.38	721	280	0.62
F	4" round	34.88	886	312	0.70
G	6" round	29.15	740	626	1.40
H	4" round	28.59	726	281	0.63
J	6" round	36.28	922	707	1.57
K	4" round	35.72	907	316	0.70
L	6" round	35.72	907	701	1.56
M	8" round	36.28	922	1237	2.76
N	6" round	34.78	883	690	1.54
P	4" round	27.65	702	276	0.61
Q	4" round	34.36	872	310	0.69

Note: These are the pipe flow rates at the specified outlet,
 NOT channel flow rates. Catch basin flow rates are without trash
 bucket - using trash bucket reduces flow.

DRAWING NUMBER
9896-621-CBS-BSSIZE
ASCALE:
NONEDATE:
3-26-14APPROVED BY:
MRDCHECKED BY:
MRDDRAWN BY:
TBW

9896-621-CBS-BS

FIGURE
NUMBER

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

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
C	2-4-26	Revised Selections	TB	KV			9896-621-CBS-BS
B	11-17-16	Revised Text	TBW	PJ			
A	1-11-16	Rev. 661 to 861	TBW	MD			