



**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

# 14" WIDE 9896-631-CBD KLASSIKDRAIN® CATCH BASIN w/INTEGRAL METAL RAIL

DRAWING NUMBER  
9896-631-CBD

SIZE  
A

SCALE:  
NONE

DATE:  
3-18-19

APPROVED BY:  
PJ

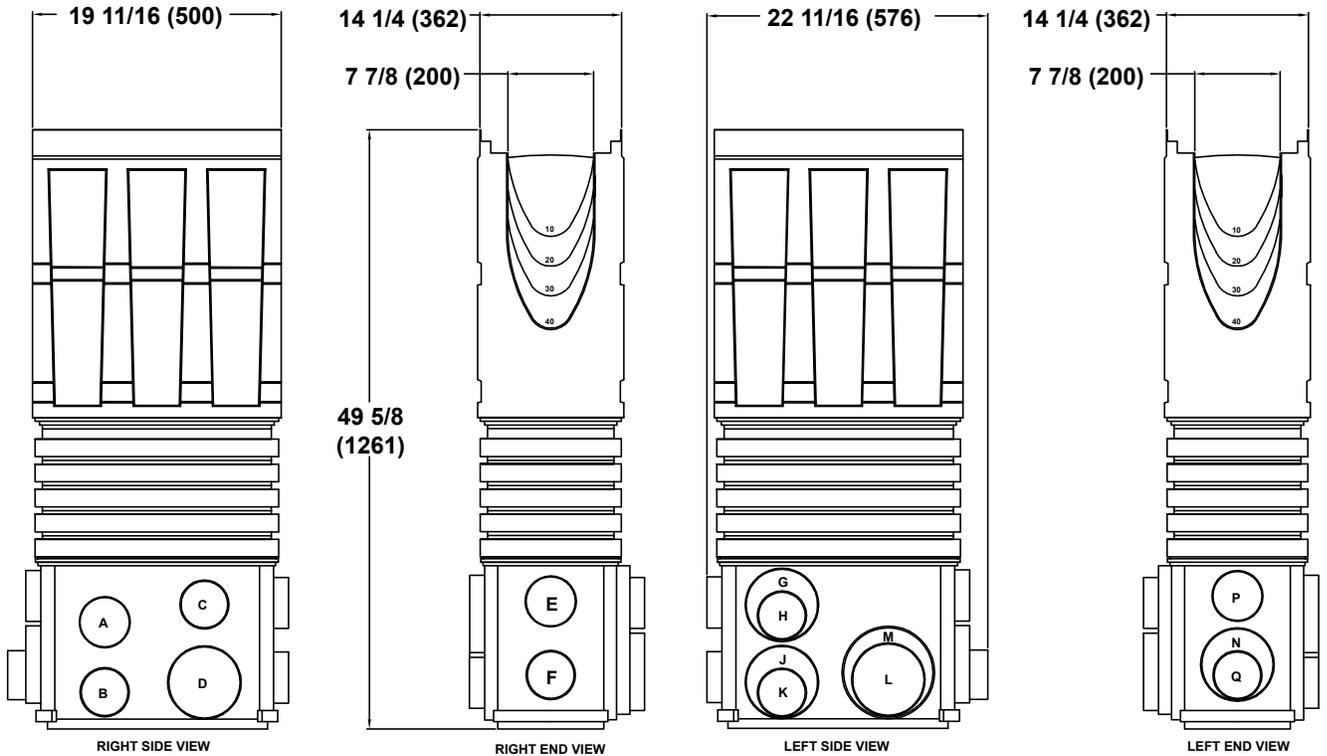
CHECKED BY:  
PJ

DRAWN BY:  
MW

FIGURE NUMBER  
**9896-631-CBD**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE



Note: See Back For Outlet Sizes And Flow Capacities

Note: Riser can be cut down in 1" increments.

9896-631G-CBD Catch Basin with Galvanized Rail

9896SS-631S-CBD Catch Basin with Stainless Steel Rail

**REGULARLY FURNISHED:**

1/2 meter (1.64') Precast Polymer Concrete Catch Basin With An Integral Metal Edge Rail. Total Capacity Of 35 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.	A	9-11-23	Removed Function	HS	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>9896-631-CBD</b>
		DATE	DESCRIPTION	BY	CKD. BY			

**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:

LOCATION

# 14" WIDE 9896-631-CBD 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-SSADA5G** - 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, fork lifts and tractor trailers.**

- \*  **9890-805-GM.5G** - 13/16 x 1/2 galv. steel mesh grate (256.00 sq. in.)
- \*  **9890-811-GP.5G** - 1/4 dia perforated galv. steel grate (44.60 sq. in.)
- \*  **9890-830-SSM.5G** - 13/16 x 1/2 stainless mesh grate (256.00 sq. in.)
- \*  **9890-865-SSP.5G** - 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 trashbucket - using trash bucket reduces flow.

DRAWING NUMBER  
9896-631-CBD-BS

SIZE  
A

SCALE:  
NONE

DATE:  
2-25-14

APPROVED BY:  
MRD

CHECKED BY:  
MRD

DRAWN BY:  
TBW

9896-631-CBD-BS

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
B	1-17-16	Revised Text	TBW	PJ
A	1-11-16	Rev. 661 to 861	TBW	MD

WEIGHT POUNDS	VOLUME CUBIC FEET
---------------	-------------------

**FIGURE NUMBER**  
**9896-631-CBD-BS**