B

DRAWING NUMBER 9879-903D-CB

SIZE **A**

SCALE: **NONE**

DATE: **4-10-19**

APPROVED BY: **PJ**

CHECKED BY: **PJ**

DRAWN BY: **MW**

FIGURE NUMBER **9879-903D-CB**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

SMITH® **JAY R.**
SMITH MFG. CO.®
MEMBER OF MORRIS GROUP INTERNATIONAL
POST OFFICE BOX 3237
MONTGOMERY, ALABAMA 36109-0237 (USA)
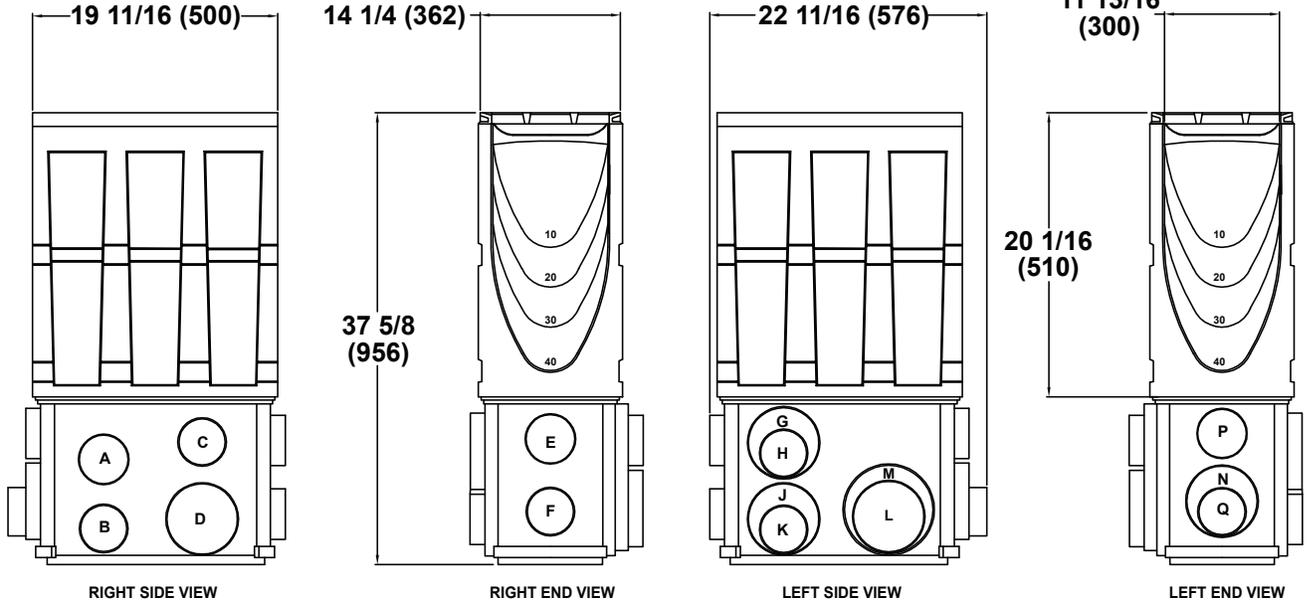TEL: 334-277-8520   FAX: 888-377-7818   www.jrsmith.com

CUSTOMER DRIVEN SINCE 1926

ASPE®

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ASSE ENGINEERING

MEMBER OF:

LOCATION

14" WIDE 9879-903D-CB POWERDRAIN®INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL

19 11/16 (500)   RIGHT SIDE VIEW

14 1/4 (362)   37 5/8 (956)   RIGHT END VIEW

22 11/16 (576)   LEFT SIDE VIEW

11 13/16 (300)   20 1/16 (510)   LEFT END VIEW

Note: See Back For Outlet Sizes And Flow Capacities

REGULARLY FURNISHED:

1/2 meter (1.64") Precast Polymer Concrete
Catch Basin With An integral Ductile Iron Edge Rail.
Total Capacity of 30 Gallons Supplied with Secured
Ductile Iron Slotted Grate and Plastic Sediment Bucket.

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, Powerlok Ductile Iron Grate, Plastic Bucket , And Plastic Base.

VARIATIONS:

☐ Grate Specifications (See Back)
☐ 9879-UNV Universal 6"/8"/10"
   Closing/Inlet/Outlet End Cap
☐ 9879-FAT Foul Air Trap (4" only) -FAT
☐ 9879-GRT Grate Removal Tool

SMITH® ACO
Trench Drain Series

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
B	1-16-2	Revised Variations	TB	KV			**9879-903D-CB**
A	8-30-23	Removed Function	HS	CL			

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

LOCATION

14" WIDE 9879-903D-CB POWERDRAIN® INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL

Extra Heavy Duty, EN 1433 Load
Class E: 135,000 lbs - 2323 psi. For commerical solid tire forklift traffic patterns, forklifts and impacts from steel struts or metal wheels.

* **9879-ADAG**
Powerlok ADA - 1 3/8 x 7/16 longitudinal ductile iron slotted grate (56.00 sq in.)

Extra Heavy Duty, EN 1433 Load
Class F: 202,320 lbs - 4182 psi. For aircraft runways, docks, heavy fork trucks, and heavy wheel loads.

* **9879-SLG**
Powerlok Slotted - 3 13/16 x 7/16 ductile iron slotted grate (126.00 sq in.)

*Available With Powerlok Locking Devices Only

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.

SMITH® ACO
Trench Drain Series

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
		9879-903D-CB-BS

REV.	DATE	DESCRIPTION	BY	CKD. BY
A	1-16-2	Revised Selections	TB	KV