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**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

DRAWING NUMBER  
**S9878-902D-CB**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**3-26-14**

APPROVED BY:  
**MRD**

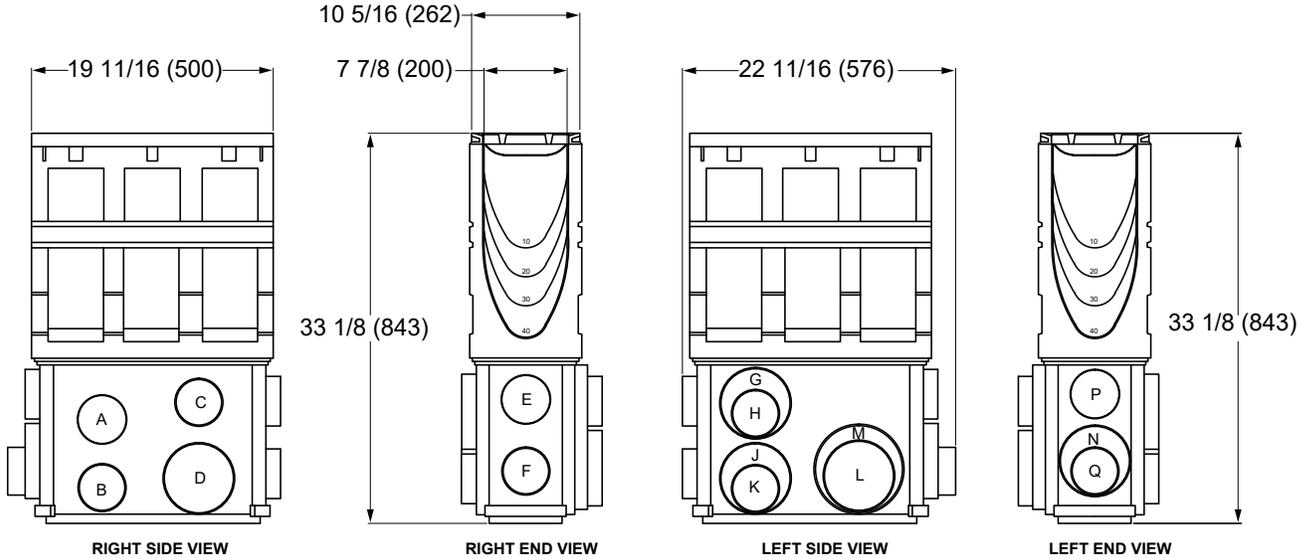
CHECKED BY:  
**MRD**

DRAWN BY:  
**TBW**

**9878-902D-CB**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

# 10" WIDE 9878-902D-CB POWERDRAIN® INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL



**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 Radiused Bottom and 8" Internal Width. Total Capacity of 18 Gallons. Supplied with Secured Grate as Per Specification.

**VARIATIONS:**

- Grate Specifications (See Back)
- 9878-FAT Foul Air Trap (4" only)
- 9878-GRT Grate Removal Tool
- 9878-UNV4 Universal 4"/6" Closing/Inlet/Outlet End Cap

**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.



FIGURE NUMBER	B A	1-16-2 8-30-23	Revised Variations Removed Function	TB HS	KV CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
REV.	DATE	DESCRIPTION		BY	CKD. BY			<b>9878-902D-CB</b>

A



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MEMBER OF:



LOCATION

DRAWING NUMBER  
S9896-902D-CB-BSSIZE  
ASCALE:  
NONEDATE:  
3-26-14APPROVED BY:  
MRDCHECKED BY:  
MRDDRAWN BY:  
TBW

9878-902D-CB-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WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA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

# 10" WIDE 9878-902D-CB POWERDRAIN® INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL

Extra Heavy Duty, EN 1433 Load  
 Class E: 135,00 lbs - 2323 psi. For commercial solid tire forklift traffic patterns, forklifts and impacts from steel struts or metal wheels.

- \*  **9878-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.

- \*  **9878-SLG**  
**Powerlok Slotted** - 3 13/16 x 7/16 ductile iron slotted grate (71.00 sq. in.)

\*Available With Powerlok Locking Devices Only

Outlet Flow Rates

Outlet	Outlet Size	Invert Inches	Invert mm	GPM	CFS
A	4" round	25.33	643	263	0.59
B	4" round	31.83	808	297	0.66
C	4" round	23.76	604	254	0.57
D	6" round	31.83	808	658	1.47
E	4" round	23.91	607	255	0.57
F	4" round	30.40	772	290	0.65
G	6" round	24.68	627	570	1.27
H	4" round	24.13	613	256	0.57
J	6" round	31.82	808	658	1.47
K	4" round	31.26	794	294	0.66
L	6" round	31.26	794	651	1.45
M	8" round	31.82	808	1149	2.56
N	6" round	30.32	783	640	1.43
P	4" round	23.19	589	251	0.56
Q	4" round	29.90	759	288	0.64

**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**

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

WEIGHT  
POUNDSVOLUME  
CUBIC FEET

FIGURE NUMBER

9878-902D-CB-BS



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