

**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

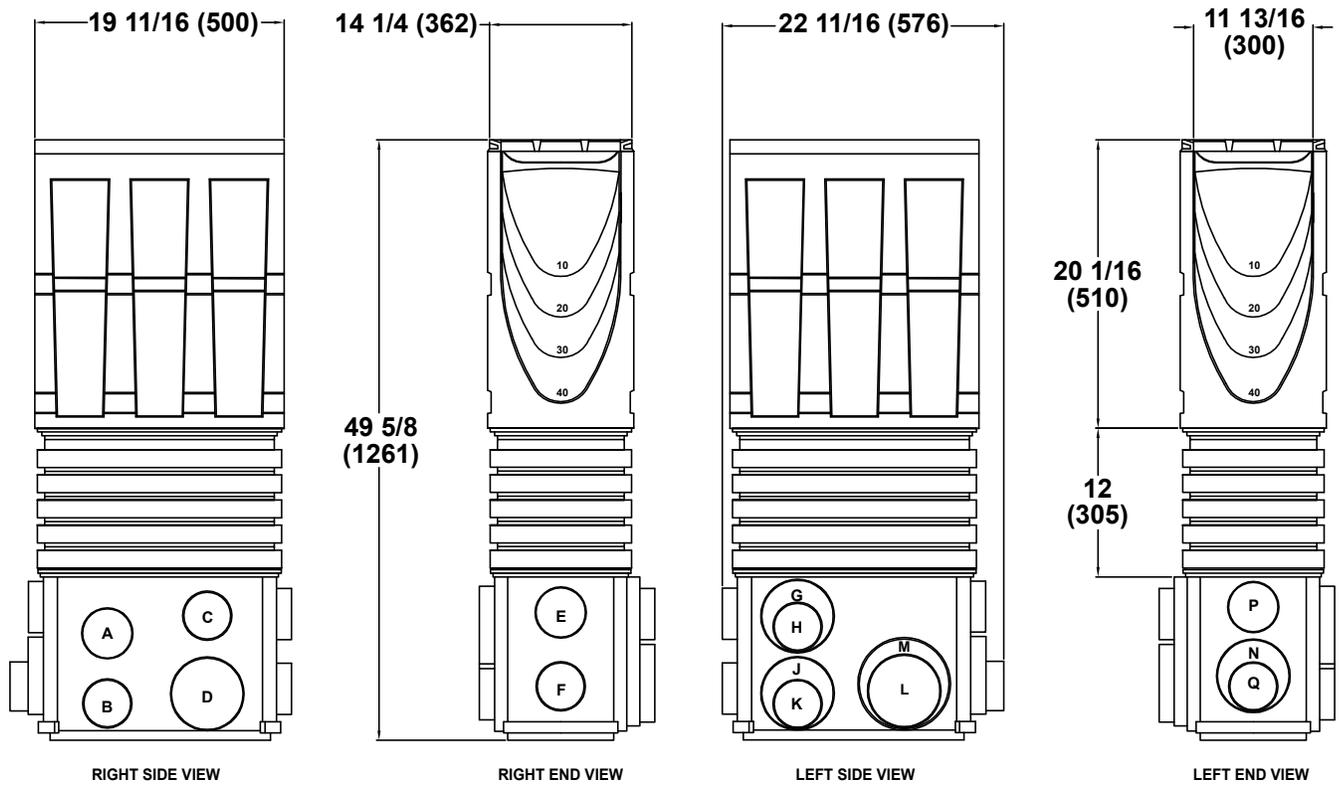


**LOCATION**

B  
 DRAWING NUMBER 9879-904D-CBD  
 SIZE A  
 SCALE: NONE  
 DATE: 4-10-19  
 APPROVED BY: PJ  
 CHECKED BY: PJ  
 DRAWN BY: MW  
 FIGURE NUMBER 9879-904D-CBD

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA  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

## 14" WIDE 9879-904D-CBD POWERDRAIN® INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL



**Note: See Back For Outlet Sizes And Flow Capacities**

**Note: Riser can be cut down in 1" Increments**

**REGULARLY FURNISHED:**  
 1/2 meter (1.64") Precast Polymer Concrete  
 Catch Basin With An integral Ductile Iron Edge Rail.  
 Total Capacity of 40 Gallons Supplied with Secured  
 Ductile Iron Slotted Grateband Deep Plastic Sediment Bucket.

- 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

**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 Slotted Grate, Plastic Bucket, And Plastic Base.



B	1-16-2	Revised Variations	TB	KV			
A	8-30-23	Removed Function	HS	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
REV.	DATE	DESCRIPTION	BY	CKD. BY			<b>9879-904D-CBD</b>



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LOCATION

# 14" WIDE 9879-904D-CBD POWERDRAIN® INLINE CATCH BASIN w/INTEGRAL DUCTILE IRON RAIL

**Extra Heavy Duty, EN 1433 Load**  
**Class E: 135,000 lbs - 2323 psi. For commercial 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	41.80	1062	343	0.77
B	4" round	48.29	1227	370	0.83
C	4" round	40.22	1022	337	0.75
D	6" round	48.29	1227	824	1.84
E	4" round	40.38	1027	337	0.75
F	4" round	46.88	1191	365	0.81
G	6" round	41.15	1045	757	1.69
H	4" round	40.59	1031	338	0.75
J	6" round	48.28	1226	824	1.84
K	4" round	47.72	1212	368	0.82
L	6" round	47.72	1212	819	1.83
M	8" round	48.28	1226	1449	3.23
N	6" round	46.78	1188	810	1.81
P	4" round	39.65	1007	334	0.74
Q	4" round	46.38	1178	363	0.81

**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.

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REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
A	1-16-2	Revised Selections	TB	KV			9879-904D-CBD-BS