

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

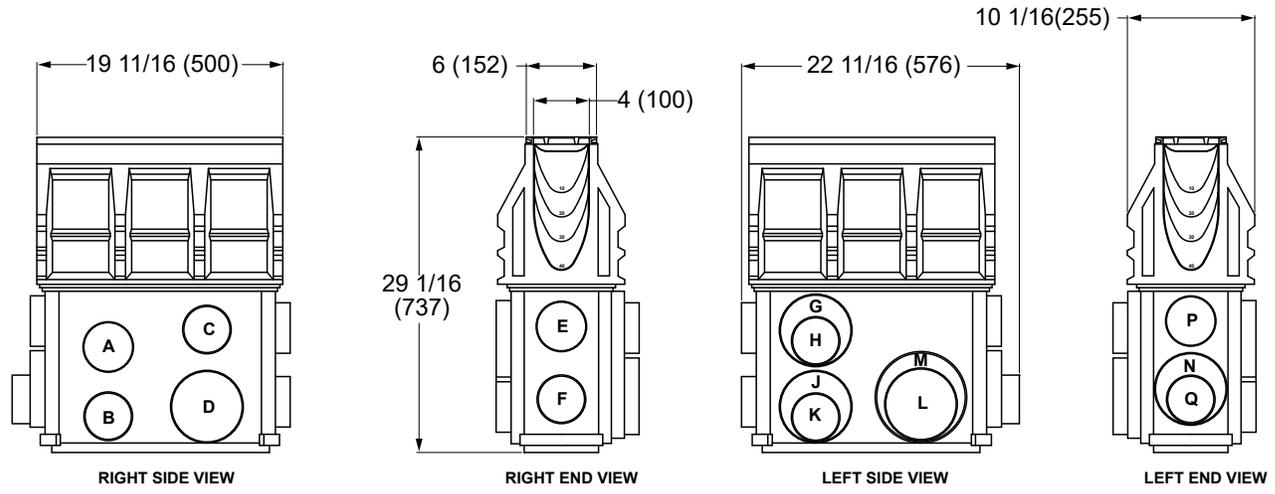


LOCATION

6" WIDE POWERDRAIN® INLINE CATCH BASIN W/INTEGRAL DUCTILE IRON RAIL

B
 DRAWING NUMBER **S9877-901D-CB**
 SIZE **A**
 SCALE: **NONE**
 DATE: **7-7-15**
 APPROVED BY: **MD**
 CHECKED BY: **MD**
 DRAWN BY: **TBW**
9877-901D-CB
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA



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 12 Gallons. Supplied with Secured Grate as Per Specification.

- VARIATIONS:**
- Grate Specifications (See Back)
 - 9877-FAT Foul Air Trap (4" only)
 - 9877-GRT Grate Removal Tool
 - 9877-UNV4 Universal Closing/4" 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.



REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
B A	1-16-2 9-1-23	Revised Variations Removed Function	TB HS	KV CL			9877-901D-CB

A

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6" WIDE POWERDRAIN® INLINE CATCH BASIN W/INTEGRAL DUCTILE IRON RAIL

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

* **9877-SLG
Powerlok Slotted** - 3 13/16 x 7/16 ductile iron
slotted grate (23.00 sq. in.)

* **9877-ADAG
Powerlok ADA** - 1 3/8 x 7/16 longitudinal ductile
iron slotted grate (25.20 sq in.)

*Available With Powerlok Locking Devices Only

Outlet Flow Rates

Outlet	Outlet Size	Invert Inches	Invert mm	GPM	CFS
A	4" round	21.30	542	239	0.53
B	4" round	27.79	706	276	0.62
C	4" round	19.75	502	228	0.53
D	6" round	27.81	706	610	1.36
E	4" round	19.88	505	230	0.51
F	4" round	26.38	670	268	0.60
G	6" round	20.65	525	514	1.15
H	4" round	20.12	511	231	0.51
J	6" round	27.79	706	611	1.36
K	4" round	27.22	691	272	0.61
L	6" round	27.22	691	601	1.34
M	8" round	27.79	706	1065	2.37
N	6" round	26.29	668	593	1.32
P	4" round	20.12	511	231	0.51
Q	4" round	25.88	657	266	0.59

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

A	1-16-2	Revised Selections	TB	KV	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
REV.	DATE	DESCRIPTION	BY	CKD. BY			9877-901D-CB-BS