

**SMITH® JAY R. SMITH MFG. CO.®**  
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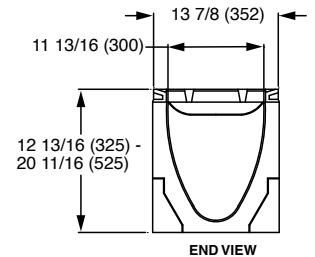
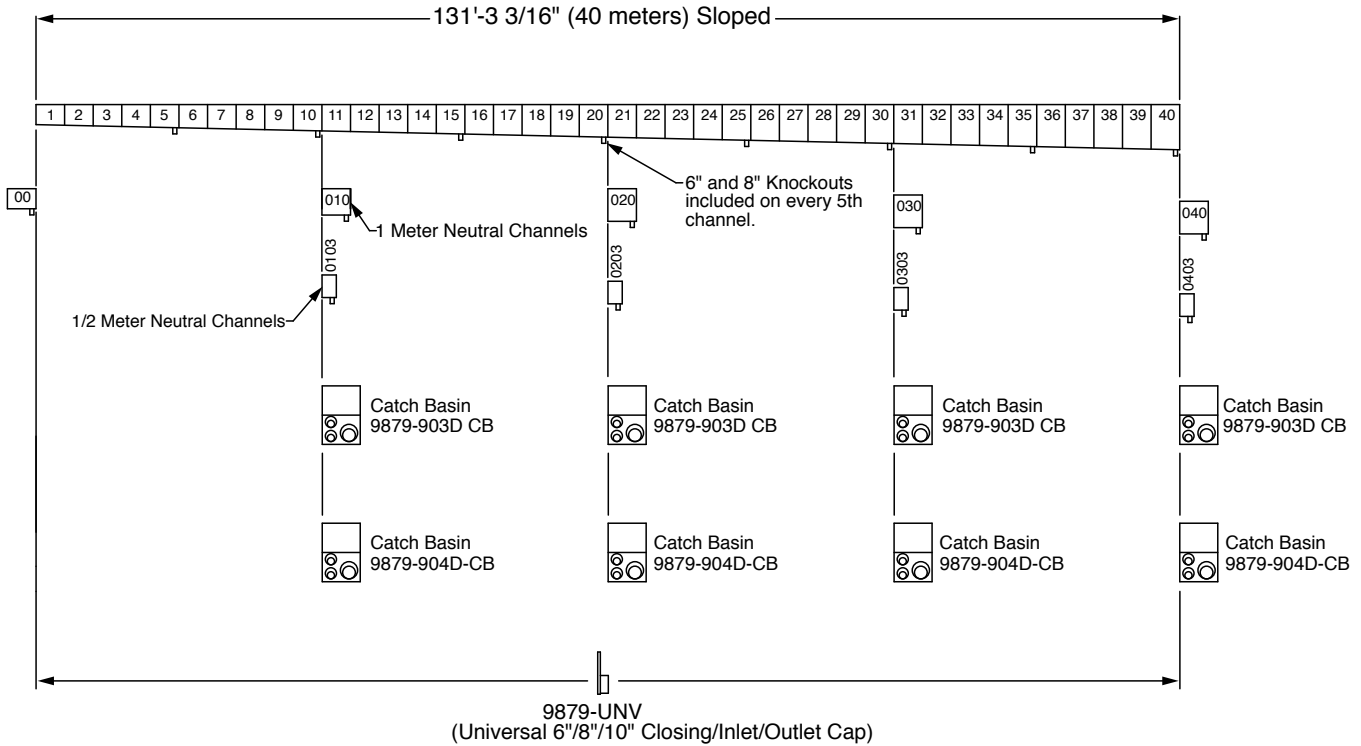


MEMBER OF:

LOCATION

# 14" WIDE 9879 POWERLOK® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL

**FUNCTION:** Used in all surface drainage applications. May be assembled in any length utilizing integral metal rails that allow for extra heavy duty hard wheel traffic applications.



**REGULARLY FURNISHED:**

1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with a Built In Slope of .5%. Channel has an Integral Ductile Iron Edge Rail, Radiused Bottom and 12" Internal Width. Supplied with Secured Ductile Iron Slotted Grate.

**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:** Catch Basins Come Standard with Plastic Buckets and Secured Ductile Iron Grate Per Specification.

**VARIATIONS:**

- Grate Specifications (See Back)
- 6"/8"/10" Closing/Inlet/Outlet Cap -UNV
- 9879-903D Catch Basin
- 9879-904D Catch Basin
- Foul Air Trap (4" only)
- Installation Device
- Grate Removal Tool



DRAWING NUMBER: 9879, SIZE: A, SCALE: NONE, DATE: 4-6-15, APPROVED BY: PJ, CHECKED BY: PJ, DRAWN BY: TBW, DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

FIGURE NUMBER	A	12-14-15	Updated Outlet Cap	TBW	Pace
REV.	DATE	DESCRIPTION	BY	CKD. BY	

WEIGHT POUNDS	VOLUME CUBIC FEET

FIGURE NUMBER  
**9879**



LOCATION

# 14" WIDE 9879 POWERLOK® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL

## DEEP END DEPTHS 9879 SYSTEM

Channel Number	Deep End Invert Inch	mm	Slope	Slotted Weight Lbs.	ADA Weight Lbs.
9879-00	11.81	300	0.0%	230.2	258.2
9879-1	12.01	305	0.5%	230.2	258.2
9879-2	12.20	310	0.5%	231.4	259.4
9879-3	12.40	315	0.5%	232.7	260.7
9879-4	12.60	320	0.5%	233.9	261.9
9879-5	12.80	325	0.5%	235.1	263.1
9879-6	12.99	330	0.5%	236.4	264.4
9879-7	13.19	335	0.5%	237.6	265.6
9879-8	13.39	340	0.5%	238.8	266.8
9879-9	13.58	345	0.5%	240.0	268.0
9879-10	13.78	350	0.5%	241.3	269.3
9879-010	13.78	350	0.0%	241.3	269.3
9879-103	13.78	350	0.0%	127.9	141.9
9879-11	13.98	355	0.5%	242.5	270.5
9879-12	14.17	360	0.5%	243.7	271.7
9879-13	14.37	365	0.5%	245.0	273.0
9879-14	14.57	370	0.5%	246.2	274.2
9879-15	14.76	375	0.5%	247.4	275.4
9879-16	14.96	380	0.5%	248.7	276.7
9879-17	15.16	385	0.5%	249.9	277.9
9879-18	15.35	390	0.5%	251.1	279.1
9879-19	15.55	395	0.5%	252.4	280.4
9879-20	15.75	400	0.5%	253.6	281.6
9879-020	15.75	400	0.0%	253.6	281.6
9879-203	15.75	400	0.0%	134.9	148.9
9879-21	15.94	405	0.5%	254.8	282.8
9879-22	16.14	410	0.5%	256.1	284.1
9879-23	16.34	415	0.5%	257.3	285.3
9879-24	16.54	420	0.5%	258.5	286.5
9879-25	16.73	425	0.5%	259.7	287.7
9879-26	16.93	430	0.5%	261.0	289.0
9879-27	17.13	435	0.5%	262.2	290.2
9879-28	17.32	440	0.5%	263.4	291.4
9879-29	17.52	445	0.5%	264.7	292.7
9879-30	17.72	450	0.5%	265.9	293.9
9879-030	17.72	450	0.0%	265.9	293.9
9879-303	17.72	450	0.0%	142.1	156.1
9879-31	17.91	455	0.5%	267.1	295.1
9879-32	18.11	460	0.5%	268.4	296.4
9879-33	18.31	465	0.5%	269.6	297.6
9879-34	18.50	470	0.5%	270.8	298.8
9879-35	18.70	475	0.5%	272.1	300.1
9879-36	18.90	480	0.5%	273.3	301.3
9879-37	19.09	485	0.5%	274.5	302.5
9879-38	19.29	490	0.5%	275.7	303.7
9879-39	19.49	495	0.5%	277.0	305.0
9879-40	19.69	500	0.5%	278.2	306.2
9879-040	19.69	500	0.0%	278.2	306.2
9879-403	19.69	500	0.0%	150.3	164.3

Extra Heavy Duty, DIN 19580/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.

Powerlok ADA - 1 3/8 x 7/16 longitudinal ductile iron slotted grate (126.40 sq in.)

Extra Heavy Duty, DIN 19580/EN 1433 Load Class F: 202,320 lbs - 4182 psi. For aircraft runways, docks, heavy fork trucks, and heavy wheel loads.

Powerlok Slotted - 3 13/16 x 7/16 ductile iron slotted grate (136.60 sq. in.)

\*Available With Powerlok Locking Devices Only



Note: For overall depth of channel add 1.00" to invert depth shown.

DRAWING NUMBER: S9879BS  
 SIZE: A  
 SCALE: NONE  
 DATE: 4-6-15  
 APPROVED BY: PJ  
 CHECKED BY: PJ  
 DRAWN BY: TBW  
 FIGURE NUMBER: 9879BS

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	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
							<b>9879BS</b>