

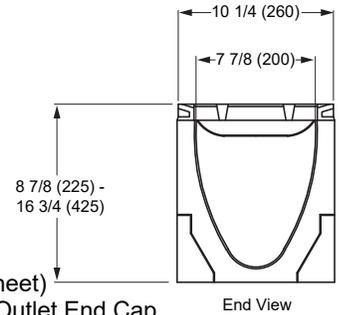
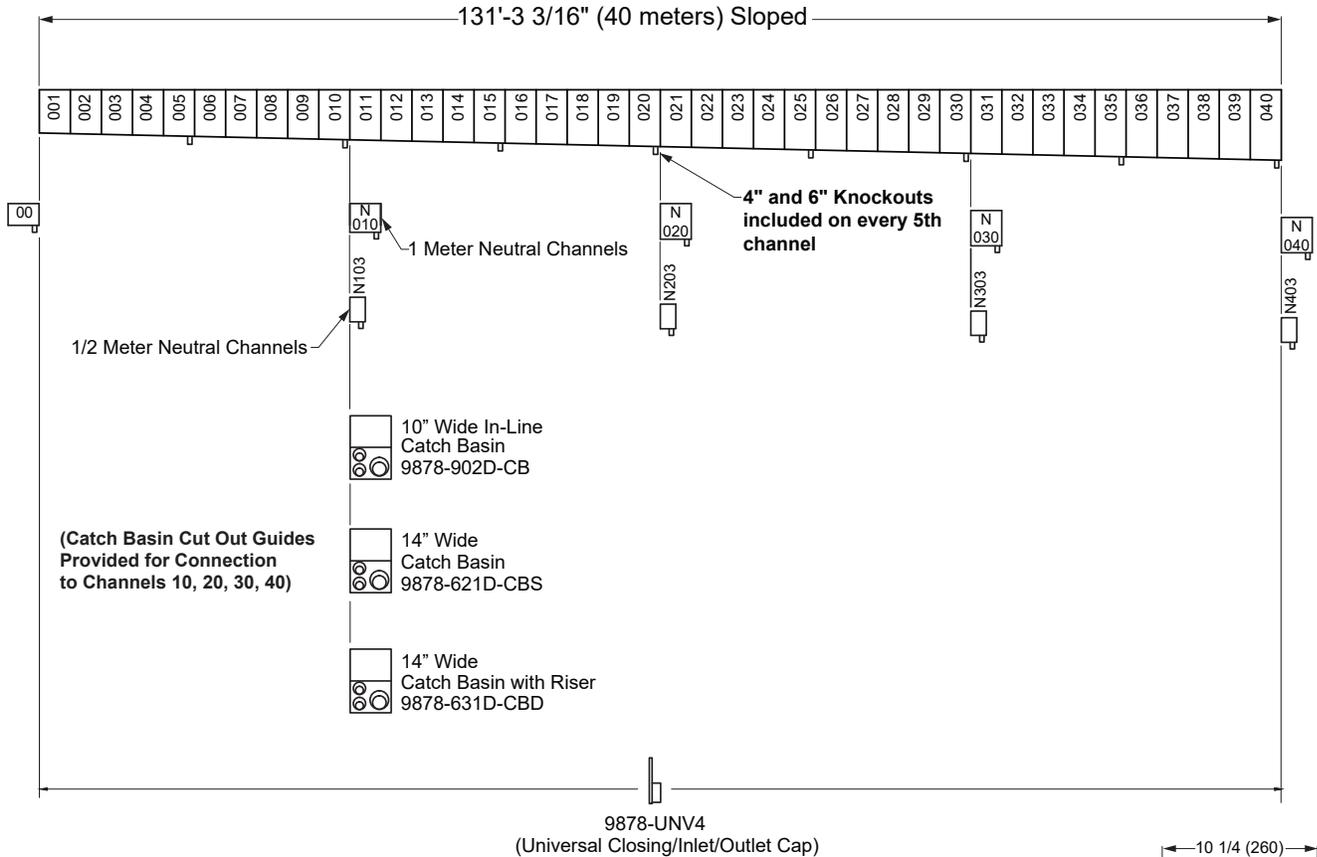


JAY R. SMITH MFG. CO.
 MEMBER OF MORRIS GROUP INTERNATIONAL
 POST OFFICE BOX 3237
 MONTGOMERY, ALABAMA 36109-0237 (USA)
 TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com



LOCATION

10" WIDE 9878 POWERDRAIN® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL



REGULARLY FURNISHED:

1 meter (3.28') Precast Polymer Concrete Channel of Interlocking Design with a Built in Slope of .5%. Channel has an Integral Ductile Iron Edge Rail with Radiused Bottom and 8" Internal Width. Supplied with Secured Ductile Iron Grates.

Note: This trench drainage 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 Polymer Concrete Top, Powerlok Ductile Iron Grate, Plastic Bucket, and Plastic Base. 631 Basins also come with Plastic Riser.

VARIATIONS:

- Grate Specifications (See Back Sheet)
- 9878-UNV4 UNV Closing/4" Inlet/Outlet End Cap
- 9878-902D-CB Catch Basin
- 9878-621D-CBS Catch Basin
- 9878-631D-CBD Catch Basin
- 9878-FAT Foul Air Trap (4" only)
- 9854-STR Plastic Dome Bottom Strainer (4" only)
- 9878-ID Installation Device
- 9878-GRT Grate Removal Tool

DRAWING NUMBER: S9878
 SIZE: A
 SCALE: NONE
 DATE: 6-5-14
 APPROVED BY: MRD
 CHECKED BY: MRD
 DRAWN BY: TBW
 FIGURE NUMBER: 9878

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
B	01-06-26	Removed Function	TB	KV			9878
A	08-30-26	Removed Function	HS	CL			



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DEEP END DEPTHS 9878 SYSTEM

Channel Number	Deep End Invert Inch	mm	Slope	Slotted Weight Lbs.	ADA Weight Lbs.
9878-00	7.87	200	0.0%	141.2	133.7
9878-001	8.07	205	0.5%	141.2	133.7
9878-002	8.27	210	0.5%	142.3	134.8
9878-003	8.46	215	0.5%	143.4	135.9
9878-004	8.66	220	0.5%	144.5	137.0
9878-005	8.86	225	0.5%	145.6	138.1
9878-006	9.06	230	0.5%	146.7	139.2
9878-007	9.25	235	0.5%	147.8	140.3
9878-008	9.45	240	0.5%	148.9	141.4
9878-009	9.65	245	0.5%	150.0	142.5
9878-010	9.84	250	0.5%	151.1	143.6
9878-N010	9.84	250	0.0%	151.2	143.7
▲ 9878-N103	9.84	250	0.0%	89.2	85.45
9878-011	10.04	255	0.5%	152.2	144.7
9878-012	10.24	260	0.5%	153.3	145.8
9878-013	10.43	265	0.5%	154.4	146.9
9878-014	10.63	270	0.5%	155.6	148.1
9878-015	10.83	275	0.5%	156.7	149.2
9878-016	11.02	280	0.5%	157.8	150.3
9878-017	11.22	285	0.5%	158.9	151.4
9878-018	11.42	290	0.5%	160.0	152.5
9878-019	11.61	295	0.5%	161.1	153.6
9878-020	11.81	300	0.5%	162.2	154.7
▲ 9878-N020	11.81	300	0.0%	162.2	154.7
▲ 9878-N203	11.81	300	0.0%	96.8	93.05
9878-021	12.01	305	0.5%	163.3	155.8
9878-022	12.20	310	0.5%	164.4	156.9
9878-023	12.40	315	0.5%	165.5	158.0
9878-024	12.60	320	0.5%	166.6	159.1
9878-025	12.80	325	0.5%	167.7	160.2
9878-026	12.99	330	0.5%	168.8	161.3
9878-027	13.19	335	0.5%	169.9	162.4
9878-028	13.39	340	0.5%	171.0	163.5
9878-029	13.58	345	0.5%	172.1	164.6
9878-030	13.78	350	0.5%	173.2	165.7
▲ 9878-N030	13.78	350	0.0%	173.2	165.7
▲ 9878-N303	13.78	350	0.0%	101.3	97.55
9878-031	13.98	355	0.5%	174.4	166.9
9878-032	14.17	360	0.5%	175.5	168.0
9878-033	14.37	365	0.5%	176.6	169.1
9878-034	14.57	370	0.5%	177.7	170.2
9878-035	14.76	375	0.5%	178.8	171.3
9878-036	14.96	380	0.5%	179.9	172.4
9878-037	15.16	385	0.5%	181.0	173.5
9878-038	15.35	390	0.5%	182.1	174.6
9878-039	15.55	395	0.5%	183.2	175.7
9878-040	15.75	400	0.5%	184.3	176.8
9878-N040	15.75	400	0.0%	184.3	176.8
▲ 9878-N403	15.75	400	0.0%	110.1	106.4

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

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

▲ 1/2 Meter In Length

DRAWING NUMBER
S9878-BS

SIZE
A

SCALE:
NONE

DATE:
2-13-14

APPROVED BY:
MRD

CHECKED BY:
MRD

DRAWN BY:
TBW

FIGURE NUMBER
9878BS

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DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

B	01-06-26	Revised Table and Text	TB	KV	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 9878BS
A	12-18-14	Revised Table	TBW	PJ			
REV.	DATE	DESCRIPTION	BY	CKD. BY			