

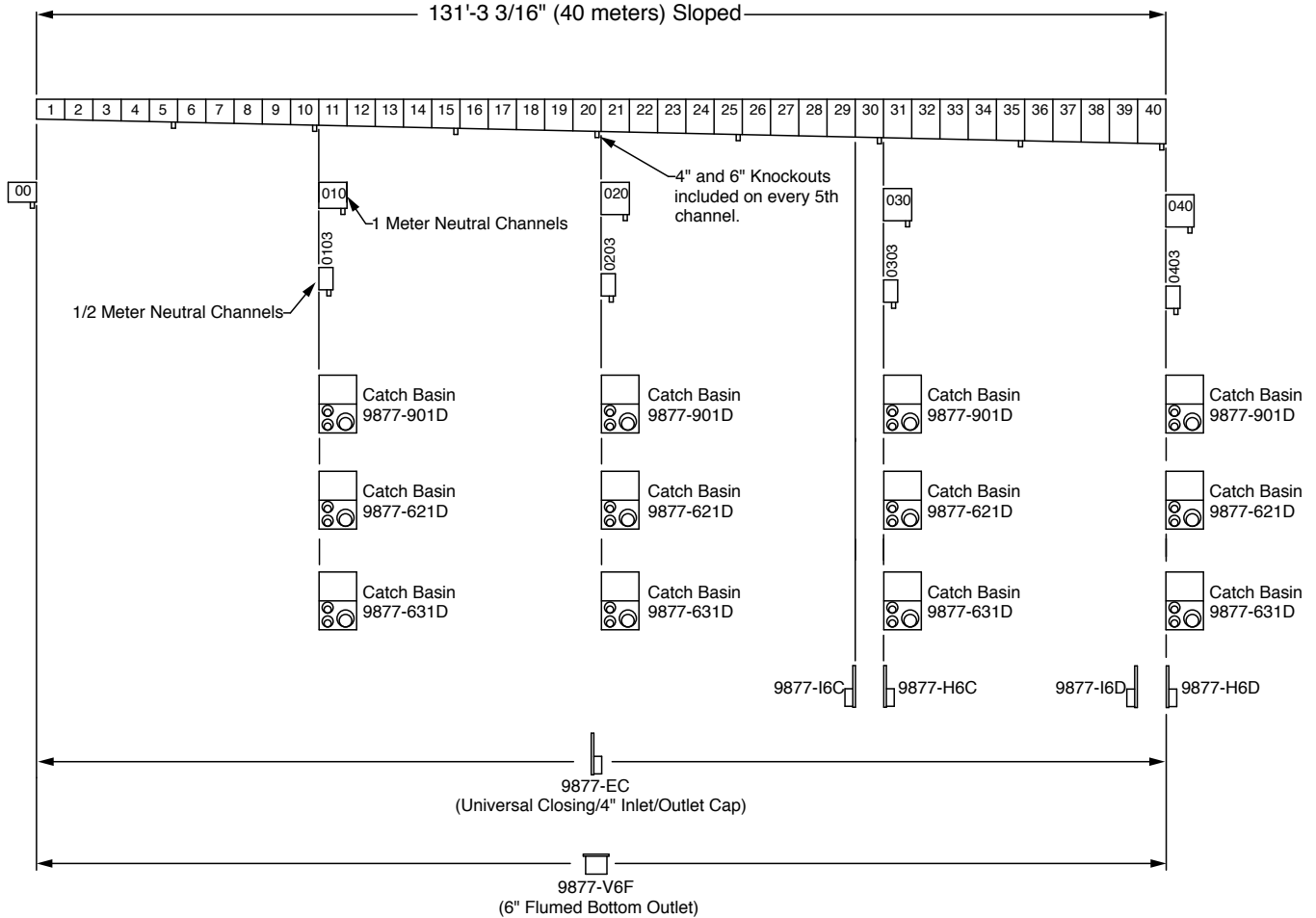


MEMBER OF:

LOCATION

# 6" WIDE 9877 POWERDRAIN® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL

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



**REGULARLY FURNISHED:**

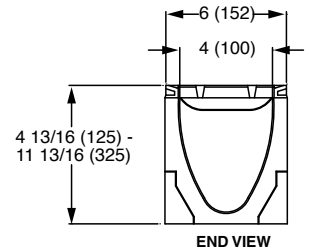
1 meter (3.28') Precast Polyester Concrete Channel of Interlocking Design with a Built In Slope of .5%. Channel has an Integral Ductile Iron Edge Rail, Radiused Bottom and 4" Internal Width. Supplied with Secured Ductile Iron Slotted Grates.

**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 Polymer Concrete Top, Plastic Bucket, Plastic Base and Ductile Iron Grate as Specified.

**VARIATIONS:**

- Grate Specifications (See Back)
- 6" Flumed Bottom Outlet-UNV4
- Closing/4" Inlet/Outlet Cap
- 9877-901D Catch Basin
- 9877-621D Catch Basin
- 9877-631D Catch Basin
- Foul Air Trap (4" only)
- 6" Horizontal Flumed Outlet Cap
- 9854 Plastic Dome Bottom Strainer (4" only)
- Installation Device
- Grate Removal Tool



DRAWING NUMBER  
**S9877**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**4-2-15**

APPROVED BY:  
**PJ**

CHECKED BY:  
**PJ**

DRAWN BY:  
**TBW**

**9877**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA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>9877</b>
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LOCATION

# 6" WIDE 9877 POWERDRAIN® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL

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.

### DEEP END DEPTHS 9877 SYSTEM

Channel Number	Deep End Inch	Invert mm	Slope	Slotted Weight Lbs.	ADA Weight Lbs.
9877-00	3.94	100	0.0%	74.1	76.7
9877-1	4.13	105	0.5%	74.1	76.7
9877-2	4.33	110	0.5%	75.1	77.7
9877-3	4.53	115	0.5%	76.1	78.7
9877-4	4.72	120	0.5%	77.1	79.7
9877-5	4.92	125	0.5%	78.1	80.7
9877-6	5.12	130	0.5%	79.1	81.7
9877-7	5.31	135	0.5%	80.1	82.7
9877-8	5.51	140	0.5%	81.1	83.7
9877-9	5.71	145	0.5%	82.1	84.7
9877-10	5.91	150	0.5%	83.1	85.7
9877-010	5.91	150	0.0%	83.1	85.7
9877-103	5.91	150	0.0%	42.4	43.7
9877-11	6.10	155	0.5%	84.1	86.7
9877-12	6.30	160	0.5%	85.1	87.7
9877-13	6.50	165	0.5%	86.1	88.7
9877-14	6.69	170	0.5%	87.1	89.7
9877-15	6.89	175	0.5%	88.1	90.7
9877-16	7.09	180	0.5%	89.1	91.7
9877-17	7.28	185	0.5%	90.1	92.7
9877-18	7.48	190	0.5%	91.1	93.7
9877-19	7.68	195	0.5%	92.1	94.7
9877-20	7.88	200	0.5%	93.1	95.7
9877-020	7.88	200	0.0%	93.1	96.7
9877-203	7.88	200	0.0%	46.9	48.2
9877-21	8.07	205	0.5%	94.1	96.7
9877-22	8.27	210	0.5%	95.1	98.6
9877-23	8.46	215	0.5%	96.0	98.6
9877-24	8.66	220	0.5%	97.0	99.6
9877-25	8.86	225	0.5%	98.0	100.6
9877-26	9.06	230	0.5%	99.0	101.6
9877-27	9.25	235	0.5%	100.0	102.6
9877-28	9.45	240	0.5%	101.0	103.6
9877-29	9.65	245	0.5%	102.0	104.6
9877-30	9.84	250	0.5%	103.0	105.6
9877-030	9.84	250	0.0%	103.0	105.6
9877-303	9.84	250	0.0%	51.4	52.7
9877-31	10.04	255	0.5%	104.0	106.6
9877-32	10.24	260	0.5%	105.0	107.6
9877-33	10.43	265	0.5%	106.0	108.6
9877-34	10.63	270	0.5%	107.0	109.6
9877-35	10.83	275	0.5%	108.0	110.4
9877-36	11.02	280	0.5%	109.0	111.2
9877-37	11.22	285	0.5%	110.0	112.6
9877-38	11.42	290	0.5%	111.0	113.6
9877-39	11.61	295	0.5%	112.0	114.6
9877-40	11.81	300	0.5%	113.0	115.6
9877-040	11.81	300	0.0%	113.0	115.6
9877-403	11.81	300	0.0%	56.0	57.3

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



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NONE

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DRAWN BY:  
TBW

9877BS

FIGURE NUMBER

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REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>9877BS</b>
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