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	6" WIDE 9877 POWERDRAIN® DRAIN SYSTEM w/INTEGRAL DUCTILE IRON EDGE RAIL									
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE	WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA	DRAWING NUMBER	S9877							
SIZE	A									
SCALE:	NONE									
DATE:	4-2-15									
APPROVED BY:	PJ									
CHECKED BY:	PJ									
DRAWN BY:	TBW									
9877	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 END VIEW									
FIGURE NUMBER	9877									
REV.	A	9-1-23	Removed Function	HS	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER		
BY								9877		

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.



DRAWING NUMBER
S9877BS

SIZE
A

SCALE:
NONE

DATE:
4-2-15

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TBW

9877BS

FIGURE
NUMBER

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REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 9877BS