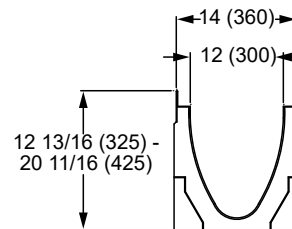
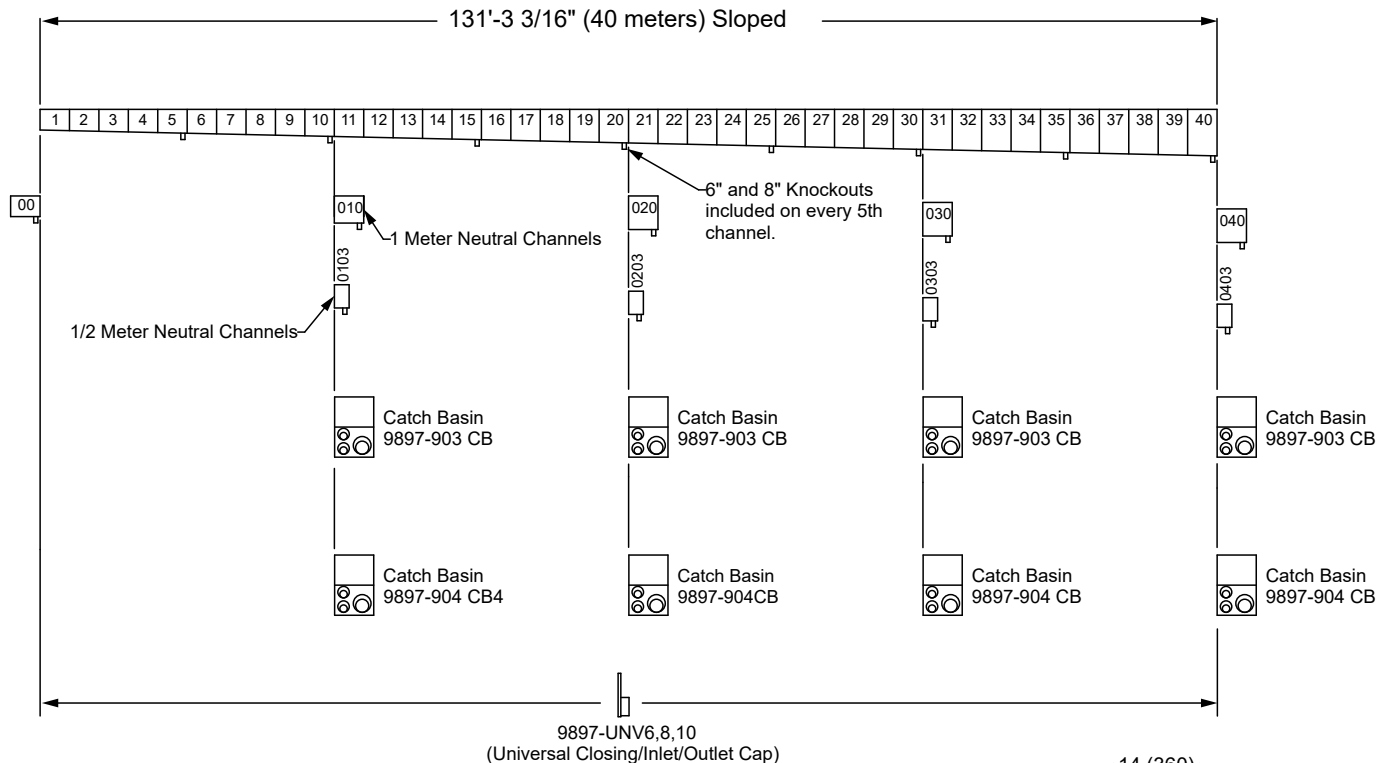


14" WIDE 9897 KLASSIKDRAIN® DRAIN SYSTEM w/INTEGRAL METAL RAIL



REGULARLY FURNISHED:

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

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 Sediment Bucket, and Plastic Base. 631 Catch Basin also comes with Plastic Riser.

VARIATIONS:

- ☐ Grate Specifications (See Back)
- ☐ Closing/Inlet/Outlet Cap -UNV
- ☐ 9897-903 Catch Basin
- ☐ 9897-904 Catch Basin
- ☐ Foul Air Trap (catch basin only)
- ☐ Installation Device
- ☐ Grate Removal Tool

OPTIONAL RAIL MATERIALS:

- ☐ Stainless Steel

SMITH® ACO
Trench Drain Series

DRAWING NUMBER
S9897

SIZE
A

SCALE:
NONE

DATE:
4-8-15

APPROVED BY:
PJ

CHECKED BY:
PJ

DRAWN BY:
TBW

9897

FIGURE
NUMBER

REV.	DATE	DESCRIPTION	BY	CKD. BY
A	9-1-23	Removed Function	HS	CL

WEIGHT
POUNDS

VOLUME
CUBIC FEET

FIGURE NUMBER

9897



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



LOCATION

14" WIDE 9897 KLASSIKDRAIN® DRAIN SYSTEM w/INTEGRAL METAL RAIL

DEEP END DEPTHS 9897 SYSTEM

Light Duty, DIN 19580/EN 1433 Load Class A:
 3500 lbs - 70 psi. For pedestrian, wheelchair
 and bicycle traffic.

- * ☐ **9890-847-SSADA** - 13/16 x 3/16 longitudinal
 stainless steel slot bar grate (171 sq. in.)

Heavy Duty DIN 19580/EN 1433 Load Class C:
 56,000 lbs - 1,162 psi. For commercial
 pneumatic tire traffic patterns, forklifts and
 tractor trailers.

- * ☐ **9890-805-GM** - 13/16 x 1/2 longitudinal galv. steel
 slot bar grate (256.00 sq. in.)
 * ☐ **9890-811-GPHD** - 1/4 dia perforated galv. steel
 grate (44.60 sq. in.)
 * ☐ **9890-830-SSM** - 13/16 x 1/2 longitudinal stainless
 steel slot bar grate (256.00 sq. in.)
 * ☐ **9890-865-SSP** - 1/4 dia perforated stainless steel
 grate (44.60 sq. in.)
 * ☐ **9890-878-MADA** - 1 3/4 x 5/16 longitudinal ductile
 iron slotted grate (60.60 sq. in.)
 * ☐ **9890-879-MD** - Mosaic pattern ductile iron grate
 (38.30 sq. in.)
 * ☐ **9890-880-IW** - Iron Wave pattern ductile iron grate
 (58.72 sq. in.)
 * ☐ **9890-881-ID** - Iron Decorative pattern ductile iron
 grate (29.10 sq. in.)

Extra Heavy Duty, DIN 19580/EN 1433 Load Class E:
 135,000 lbs - 2,788 psi. For commercial solid tire
 traffic patterns, forklifts and impacts from steel struts
 or metal wheels.

- * ☐ **9890-861-M** - 3 15/16 x 3/8 ductile iron slotted grate
 (81.89 sq. in.)

*Available in QuickLok style

Channel Number	Deep End Invert Inch	mm	Slope	Weight Lbs.
9897-00	11.81	300	0.0%	132.6
9897-1	12.01	305	0.5%	132.6
9897-2	12.20	310	0.5%	133.8
9897-3	12.40	315	0.5%	135.0
9897-4	12.60	320	0.5%	136.2
9897-5	12.80	325	0.5%	137.4
9897-6	12.99	330	0.5%	138.6
9897-7	13.19	335	0.5%	139.8
9897-8	13.39	340	0.5%	141.0
9897-9	13.58	345	0.5%	142.2
9897-10	13.78	350	0.5%	143.4
9897-010	13.78	350	0.0%	143.4
9897-103	13.78	350	0.0%	75.3
9897-11	13.98	355	0.5%	144.6
9897-12	14.17	360	0.5%	145.8
9897-13	14.37	365	0.5%	147.0
9897-14	14.57	370	0.5%	148.2
9897-15	14.76	375	0.5%	149.4
9897-16	14.96	380	0.5%	150.6
9897-17	15.16	385	0.5%	151.8
9897-18	15.35	390	0.5%	153.0
9897-19	15.55	395	0.5%	154.2
9897-20	15.75	400	0.5%	155.4
9897-020	15.75	400	0.0%	155.4
9897-203	15.75	400	0.0%	82.3
9897-21	15.94	405	0.5%	156.7
9897-22	16.14	410	0.5%	157.9
9897-23	16.34	415	0.5%	159.1
9897-24	16.54	420	0.5%	160.3
9897-25	16.73	425	0.5%	161.5
9897-26	16.93	430	0.5%	162.7
9897-27	17.13	435	0.5%	163.9
9897-28	17.32	440	0.5%	165.1
9897-29	17.52	445	0.5%	166.3
9897-30	17.72	450	0.5%	167.5
9897-030	17.72	450	0.0%	167.5
9897-303	17.72	450	0.0%	89.5
9897-31	17.91	455	0.5%	168.7
9897-32	18.11	460	0.5%	169.9
9897-33	18.31	465	0.5%	171.1
9897-34	18.50	470	0.5%	172.3
9897-35	18.70	475	0.5%	173.5
9897-36	18.90	480	0.5%	174.7
9897-37	19.09	485	0.5%	175.9
9897-38	19.29	490	0.5%	177.1
9897-39	19.49	495	0.5%	178.3
9897-40	19.69	500	0.5%	179.5
9897-040	19.69	500	0.0%	179.5
9897-403	19.69	500	0.0%	97.7

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



DRAWING NUMBER
S9897BS

SIZE
A

SCALE:
NONE

DATE:
4-9-15

APPROVED BY:
PJ

CHECKED BY:
PJ

DRAWN BY:
TBW

9897BS

FIGURE
NUMBER

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 9897BS