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SMITH® 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



MEMBER OF:

LOCATION

DRAWING NUMBER
S9897

SIZE
A

SCALE:
NONE

DATE:
4-8-15

APPROVED BY:
PJ

CHECKED BY:
PJ

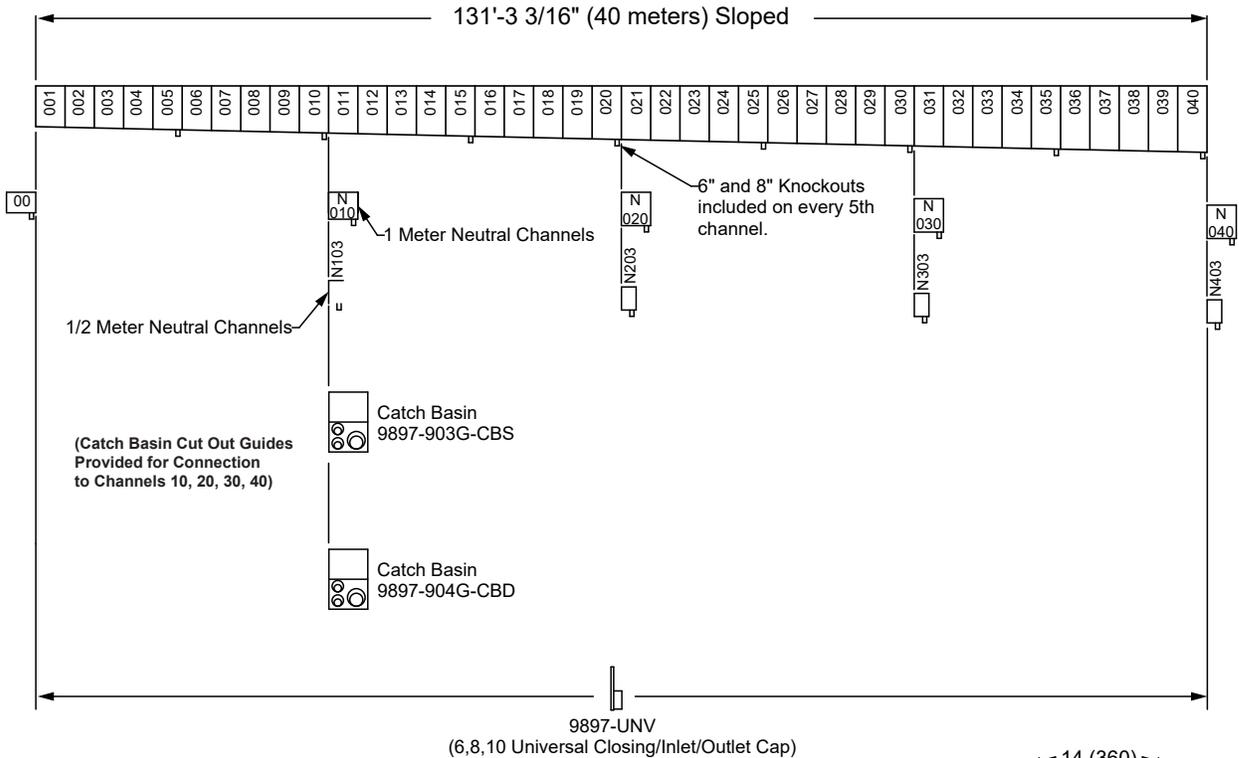
DRAWN BY:
TBW

9897

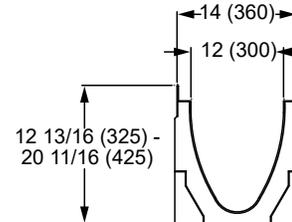
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

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



- 9897 Channel with Galvanized Rail
- 9897SS Channel with Stainless Steel



REGULARLY FURNISHED:

1 meter (3.28') Precast Polymer 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)
- 9897-UNV Closing/Inlet/Outlet Cap
- 9897-903G-CBS Catch Basin
- 9897-904G-CBD Catch Basin
- 9897-FAT Foul Air Trap (catch basin only)
- 9897-ID Installation Device
- 9897-GRT Grate Removal Tool



| REV. | DATE | DESCRIPTION | BY | CKD. BY | WEIGHT POUNDS | VOLUME CUBIC FEET | FIGURE NUMBER |
|------|--------|---|----|---------|---------------|-------------------|---------------|
| B | 2-2-26 | Revised Drawing and Variations Removed Function | TB | KV | | | 9897 |
| A | 9-1-23 | | HS | CL | | | |

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CUSTOMER DRIVEN SINCE 1926



LOCATION

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

DRAWING NUMBER
S9897BS

SIZE
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SCALE:
NONE

DATE:
4-9-15

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PJ

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TBW

9897BS

FIGURE NUMBER

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

- * **9890-847-SSADA1G** - 13/16 x 3/16 longitudinal stainless steel slot bar grate (171 sq. in.)

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

- * **9890-805-GM.5G** - 13/16 x 1/2 longitudinal galv. steel slot bar grate (256.00 sq. in.)
- * **9890-811-GP1G** - 1/4 dia perforated galv. steel grate (44.60 sq. in.)
- * **9890-830-SSM.5G** - 13/16 x 1/2 longitudinal stainless steel slot bar grate (256.00 sq. in.)
- * **9890-865-SSP1G** - 1/4 dia perforated stainless steel grate (44.60 sq. in.)
- * **9890-878-MADA5G** - 1 3/4 x 5/16 longitudinal ductile iron slotted grate (60.60 sq. in.)
- * **9890-879-MD.5D** - Mosaic pattern ductile iron grate (38.30 sq. in.)
- * **9890-880-IW.5G** - Iron Wave pattern ductile iron grate (58.72 sq. in.)
- * **9890-881-ID.5G** - Iron Decorative pattern ductile iron grate (29.10 sq. in.)

Extra Heavy Duty, 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.5G** - 3 15/16 x 3/8 ductile iron slotted grate (81.89 sq. in.)

*Available in QuickLok style



DEEP END DEPTHS 9897 SYSTEM

| Channel Number | Deep End Invert Inch | mm | Slope | Weight Lbs. |
|----------------|----------------------|-----|-------|-------------|
| 9897-00 | 11.81 | 300 | 0.0% | 132.6 |
| 9897-001 | 12.01 | 305 | 0.5% | 132.6 |
| 9897-002 | 12.20 | 310 | 0.5% | 133.8 |
| 9897-003 | 12.40 | 315 | 0.5% | 135.0 |
| 9897-004 | 12.60 | 320 | 0.5% | 136.2 |
| 9897-005 | 12.80 | 325 | 0.5% | 137.4 |
| 9897-006 | 12.99 | 330 | 0.5% | 138.6 |
| 9897-007 | 13.19 | 335 | 0.5% | 139.8 |
| 9897-008 | 13.39 | 340 | 0.5% | 141.0 |
| 9897-009 | 13.58 | 345 | 0.5% | 142.2 |
| 9897-010 | 13.78 | 350 | 0.5% | 143.4 |
| 9897-N010 | 13.78 | 350 | 0.0% | 143.4 |
| ▲ 9897-N103 | 13.78 | 350 | 0.0% | 75.3 |
| 9897-011 | 13.98 | 355 | 0.5% | 144.6 |
| 9897-012 | 14.17 | 360 | 0.5% | 145.8 |
| 9897-013 | 14.37 | 365 | 0.5% | 147.0 |
| 9897-014 | 14.57 | 370 | 0.5% | 148.2 |
| 9897-015 | 14.76 | 375 | 0.5% | 149.4 |
| 9897-016 | 14.96 | 380 | 0.5% | 150.6 |
| 9897-017 | 15.16 | 385 | 0.5% | 151.8 |
| 9897-018 | 15.35 | 390 | 0.5% | 153.0 |
| 9897-019 | 15.55 | 395 | 0.5% | 154.2 |
| 9897-020 | 15.75 | 400 | 0.5% | 155.4 |
| 9897-N020 | 15.75 | 400 | 0.0% | 155.4 |
| ▲ 9897-N203 | 15.75 | 400 | 0.0% | 82.3 |
| 9897-021 | 15.94 | 405 | 0.5% | 156.7 |
| 9897-022 | 16.14 | 410 | 0.5% | 157.9 |
| 9897-023 | 16.34 | 415 | 0.5% | 159.1 |
| 9897-024 | 16.54 | 420 | 0.5% | 160.3 |
| 9897-025 | 16.73 | 425 | 0.5% | 161.5 |
| 9897-026 | 16.93 | 430 | 0.5% | 162.7 |
| 9897-027 | 17.13 | 435 | 0.5% | 163.9 |
| 9897-028 | 17.32 | 440 | 0.5% | 165.1 |
| 9897-029 | 17.52 | 445 | 0.5% | 166.3 |
| 9897-030 | 17.72 | 450 | 0.5% | 167.5 |
| 9897-N030 | 17.72 | 450 | 0.0% | 167.5 |
| ▲ 9897-N303 | 17.72 | 450 | 0.0% | 89.5 |
| 9897-031 | 17.91 | 455 | 0.5% | 168.7 |
| 9897-032 | 18.11 | 460 | 0.5% | 169.9 |
| 9897-033 | 18.31 | 465 | 0.5% | 171.1 |
| 9897-034 | 18.50 | 470 | 0.5% | 172.3 |
| 9897-035 | 18.70 | 475 | 0.5% | 173.5 |
| 9897-036 | 18.90 | 480 | 0.5% | 174.7 |
| 9897-037 | 19.09 | 485 | 0.5% | 175.9 |
| 9897-038 | 19.29 | 490 | 0.5% | 177.1 |
| 9897-039 | 19.49 | 495 | 0.5% | 178.3 |
| 9897-040 | 19.69 | 500 | 0.5% | 179.5 |
| 9897-N040 | 19.69 | 500 | 0.0% | 179.5 |
| ▲ 9897-N403 | 19.69 | 500 | 0.0% | 97.7 |

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

| REV. | DATE | DESCRIPTION | BY | CKD. BY |
|------|--------|--------------------|----|---------|
| A | 2-2-26 | Revised Selections | TB | KV |

| | |
|---------------|-------------------|
| WEIGHT POUNDS | VOLUME CUBIC FEET |
|---------------|-------------------|

FIGURE NUMBER
9897BS