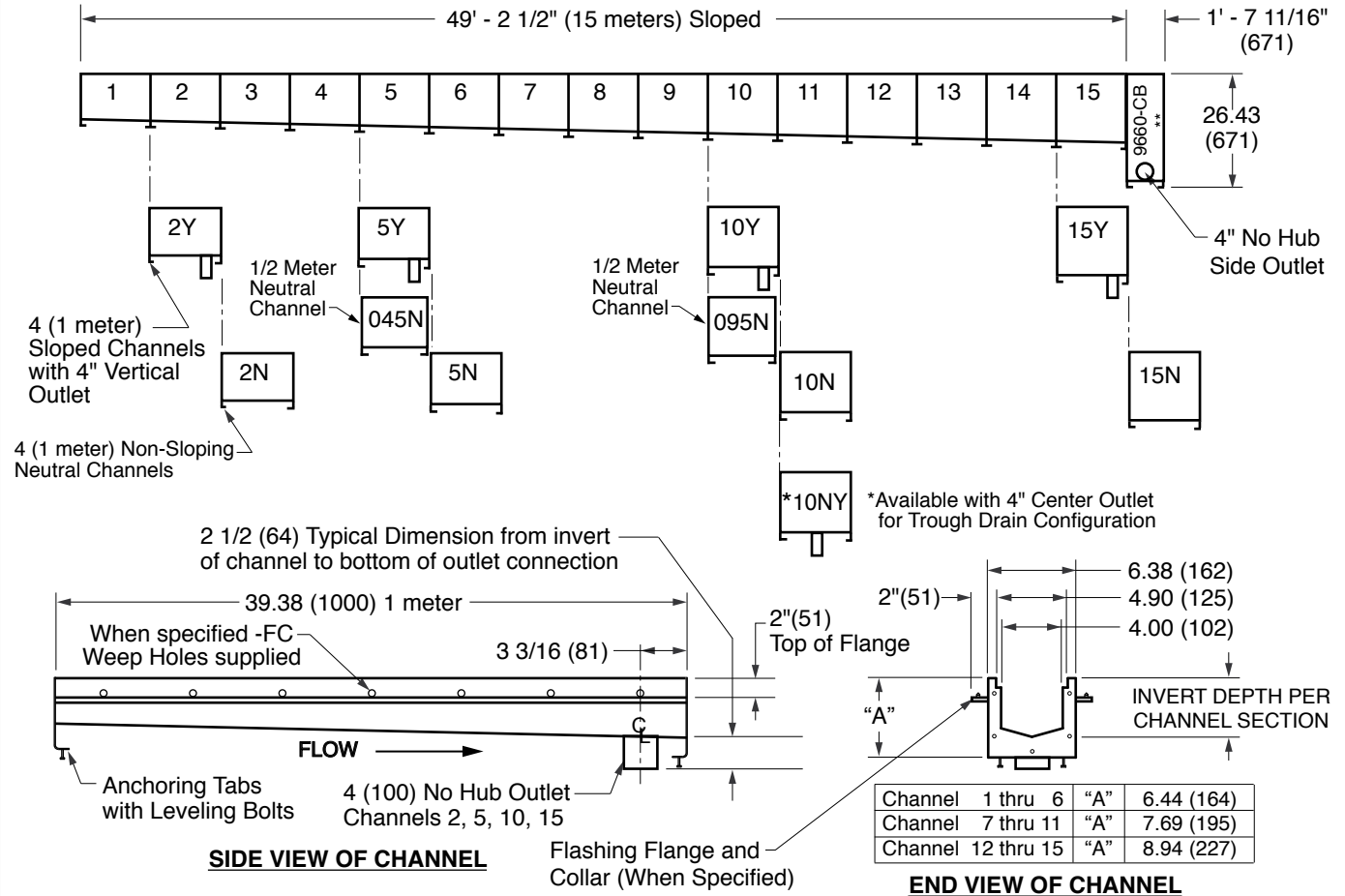


# STAINLESS STEEL TRENCH DRAIN

## 6" WIDE MODULAR STAINLESS STEEL TRENCH DRAIN SYSTEM

**ENGINEERING SPECIFICATION:** Jay R. Smith Mfg. Co.® stainless steel trench drain channels shall be 39.38" long, 6.38" wide, and have a 4" wide throat with bolting end plates. 23 modular channel sections shall be made of 16 gauge type 304 stainless steel. Channels shall be provided either neutral (flat) or with a .6% pre-slope. Channels shall be available with inverts ranging from 3.75" to 7.50". Regularly furnished with secured light duty 9660-450-SS slotted stainless steel grate and 4" no-hub vertical outlet on channel sections 2, 5, 10 and 15. End outlet plates are available in 2", 3", and 4" no-hub, see table for channel selection. Trench drain shall be Jay R. Smith Mfg. Co.® figure number 9660 series.

\*\*9660 -CB Connects to Ch. #15 only



**REGULARLY FURNISHED:**  
 Fabricated 16 Gauge type 304 stainless steel trench drain system with pre-sloped modular trench drain body sections (depth as specified #1 shallowest #15 deepest) with bolting end plates, 4" NO-HUB bottom outlet at low end, supplied with secured stainless steel 9660-450-SS slotted grate.

- VARIATIONS:**
- Buttweld Outlet -BW
  - Dome Bottom Strainer -DBS
  - 2 (50), 3 (75), 4 (100) End Outlet (specify size)
  - 4" Center Bottom Outlet (10N only)
  - Shallow End Cap (Specify Channel)
  - Deep End Cap (Specify Channel)
  - Flashing Flange and Collar -FC
  - Catch Basin -CB
  - Stainless Steel Bucket -BSS

**OPTIONAL MATERIALS:**  
 Type 316 Stainless Steel -316SS Trench Body only

**NOTE:** For Grating Options, See Back Sheet

**NOTE:** Dimensions shown in parentheses are in millimeters.

DRAWING NUMBER: S9660  
 SIZE: A  
 SCALE: NONE  
 DATE: 08/09/07  
 APPROVED BY: Pace  
 CHECKED BY: PJ  
 DRAWN BY: JJ  
 FIGURE NUMBER: 9660  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE  
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

J	7-6-21	9660 was 9870	KK	PJ	WEIGHT	VOLUME	FIGURE NUMBER
H	6-18-15	Added -Y	TBW	PJ	POUNDS	CUBIC FEET	9660
G	4-11-13	Added 10NY Detail	TBW	PJ			
F	2-18-13	Added 1/2 Meter Channels	TBW	PJ			
REV.	DATE	DESCRIPTION	BY	CKD. BY			



LOCATION

DRAWING NUMBER  
S-9660BS

SIZE  
A

SCALE:  
NONE

DATE:  
08/09/07

APPROVED BY:  
Pace

CHECKED BY:  
PJ

DRAWN BY:  
JJ

9660BS

FIGURE NUMBER

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

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

# STAINLESS STEEL TRENCH DRAIN - AVAILABLE SECTIONS

Channel Number	Shallow Invert Depth	Deep Invert Depth	"A" Body Height Deep End	Bottom Outlet Size Avail.	End Outlet Size Avail.	Max Flow Rate*	
						GPM	CFS
9660-1	3.75 (95)	4.00 (102)	6.44 (164)	-		102	.23
9660-2	4.00 (102)	4.25 (108)	6.44 (164)	-	2"	115	.26
9660-2 Outlet -Y	4.00 (102)	4.25 (108)	6.44 (164)	4"		115	.26
9660-2 Neutral	4.25 (108)	4.25 (108)	6.44 (164)	-	2"	115	.26
9660-3	4.25 (108)	4.50 (114)	6.44 (164)	-		128	.29
9660-4	4.50 (114)	4.75 (121)	6.44 (164)	-		141	.31
9660-045 1/2 Neutral	4.50 (114)	4.75 (121)	6.44 (164)	-		141	.31
9660-5	4.75 (121)	5.00 (127)	6.44 (164)	-	2", 3"	154	.34
9660-5 Outlet -Y	4.75 (121)	5.00 (127)	6.44 (164)	4"		154	.34
9660-5 Neutral	5.00 (127)	5.00 (127)	6.44 (164)	-	2", 3"	154	.34
9660-6	5.00 (127)	5.25 (133)	6.44 (164)	-	2", 3"	167	.37
9660-7	5.25 (133)	5.50 (140)	7.69 (195)	-		183	.41
9660-8	5.50 (140)	5.75 (146)	7.69 (195)	-		196	.44
9660-9	5.75 (146)	6.00 (152)	7.69 (195)	-		209	.47
9660-095 1/2 Neutral	6.00 (152)	6.00 (152)	7.69 (195)	-		209	.47
9660-10	6.00 (152)	6.25 (159)	7.69 (195)	-	2", 3", 4"	222	.50
9660-10 Outlet -Y	6.00 (152)	6.25 (159)	7.69 (195)	4"		222	.50
9660-10 Neutral	6.25 (159)	6.25 (159)	7.69 (195)	-	2", 3", 4"	222	.50
9660-10 N-Outlet -Y	6.25 (159)	6.25 (159)	7.69 (195)	4"		222	.50
9660-11	6.25 (159)	6.50 (165)	7.69 (195)	-		235	.52
9660-12	6.50 (165)	6.75 (171)	8.94 (227)	-		248	.55
9660-13	6.75 (171)	7.00 (178)	8.94 (227)	-		261	.58
9660-14	7.00 (178)	7.25 (184)	8.94 (227)	-		274	.61
9660-15	7.25 (184)	7.50 (190)	8.94 (227)	-	2", 3", 4"	287	.64
9660-15 Outlet -Y	7.25 (184)	7.50 (190)	8.94 (227)	4"		287	.64
9660-15 Neutral	7.50 (190)	7.50 (190)	8.94 (227)	-	2", 3", 4"	287	.64

\*BASED ON OPEN-ENDED CHANNEL LESS GRATE WITH NO OUTLET CAP.

**NOTE:** All Grates Are Type 304 Stainless Steel  
 Except for the - SBG Grate that has option FM 316 SS.

## GRATING OPTIONS

- Light Duty-DIN 19580/EN 1433 Load Class A-3500 lbs-70 psi. Pedestrian, Bicycle, and Wheelchair Traffic:**
- 9660-447-SSADA ADA Stainless Steel
  - 9660-450-SS Slotted Stainless Steel
  - 9660-451-SSPA Perforated Stainless Steel

- Extra Heavy duty DIN 19580 Class E- 135,000 lbs-2,788 psi. For Commercial Solid Tire Traffic Patterns, Forklifts and Impacts from Steel Struts or Metal Wheels.**
- 9660-490-SSHDE-3 1/4 x 3/8 Slotted Stainless Steel Grate (42.60 SQ. IN.)

- Heavy Duty-DIN 19580/EN 1433 Load Class C-56,000 lbs-1,162 psi. Commercial Pneumatic Tire Traffic Patterns, Pneumatic Tire Forklifts and Pneumatic Tire Tractor Trailers:**
- 9660-430-SSM Stainless Steel Mesh
  - 9660-455-SSHD Slotted Stainless Steel
  - 9660-465-SSP Perforated Stainless Steel
  - 9660-466-SBG Stainless Steel Bar Grate
  - 9660-466-SBG-316 Stainless Steel Bar Grate (Type 316SS)
  - 9660-466-SBG-ASNG Anti-Slip Notched Stainless Steel Bar Grate

**NOTE:** Dimensions shown in parentheses are in millimeters.

M	7-6-21	9660 was 9870	KK	PJ
L	3-25-21	Revised Table	KK	PJ
K	4-9-19	Revised Load Class C	MW	PJ
J	3-29-18	Revised Table	TBW	PJ
REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
		<b>9660BS</b>