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MEMBER OF:



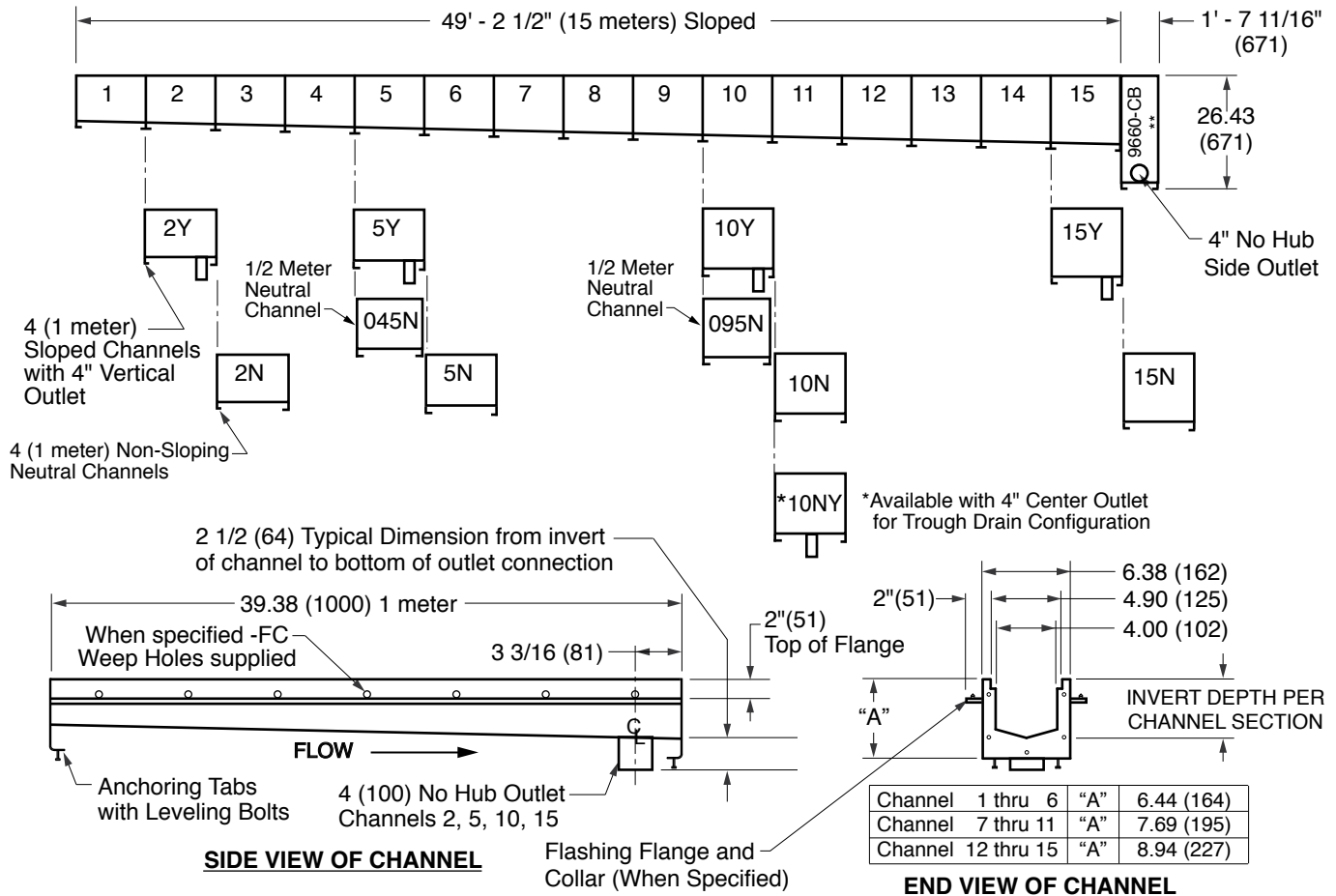
LOCATION

# 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 9870-450-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 9870-450-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

9660

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WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA  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
H	6-18-15	Added -Y	TBW	PJ
G	4-11-13	Added 10NY Detail	TBW	PJ
F	2-18-13	Added 1/2 Meter Channels	TBW	PJ
E	9/22/09	Added Basin & Bucket	RN	MD

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



# 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.

## GRATING OPTIONS

**Light Duty-DIN 19580/EN 1433 Load Class A-3500 lbs-70 psi. Pedestrian, Bicycle, and Wheelchair Traffic:**

- 9870-447-SSADA ADA Stainless Steel
- 9870-450-SS Slotted Stainless Steel
- 9870-451-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.**

- 9870-490-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:**

- 9870-430-SSM Stainless Steel Mesh
- 9870-455-SSHD Slotted Stainless Steel
- 9870-465-SSP Perforated Stainless Steel
- 9870-466-SBG Stainless Steel Bar Grate
- 9870-466-SBG Stainless Steel Bar Grate (Type 316SS)
- 9870-466-SBG-ASNG Anti-Slip Notched Stainless Steel Bar Grate

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

DRAWING NUMBER: S-9660BS  
 SIZE: A  
 SCALE: NONE  
 DATE: 08/09/07  
 APPROVED BY: Pace  
 CHECKED BY: PJ  
 DRAWN BY: JJ  
 FIGURE NUMBER: 9660BS

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REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
							<b>9660BS</b>