ENGINEERING COMMUNIQUÉ

JAY R. SMITH MFG. CO.® ♦ FEBRUARY, 2011 ♦ VOLUME 1- ISSUE 2

FROM: THE SMITH ENGINEERING GROUP

PRODUCT ALERT: Dual Downspout Nozzles

In this application there was no underground storm water piping so all downspouts/leaders had to be discharged through the exterior building wall to the ground/sidewalk. The local code required a secondary/emergency overflow drain for each primary drain. The building owner required all primary and secondary drainage to be identified and located next to one another. In order to meet this special application, two downspout nozzles were mounted on a common plate with their function identified. The wall plate created an aesthetically pleasing appearance while providing a practical and functional installation. The wall plate was fabricated from stainless steel plate and mounted to the building wall for a permanent installation with separate connections for both the primary and secondary systems.

In applications where the primary drainage is connected to the underground storm water system, a single nozzle can be mounted on a wall plate with the secondary/emergency drainage identified.

Please refer to the attached submittal drawing, SQ-1-3453.

Contact Smith's Sales Engineering group if you have any questions.

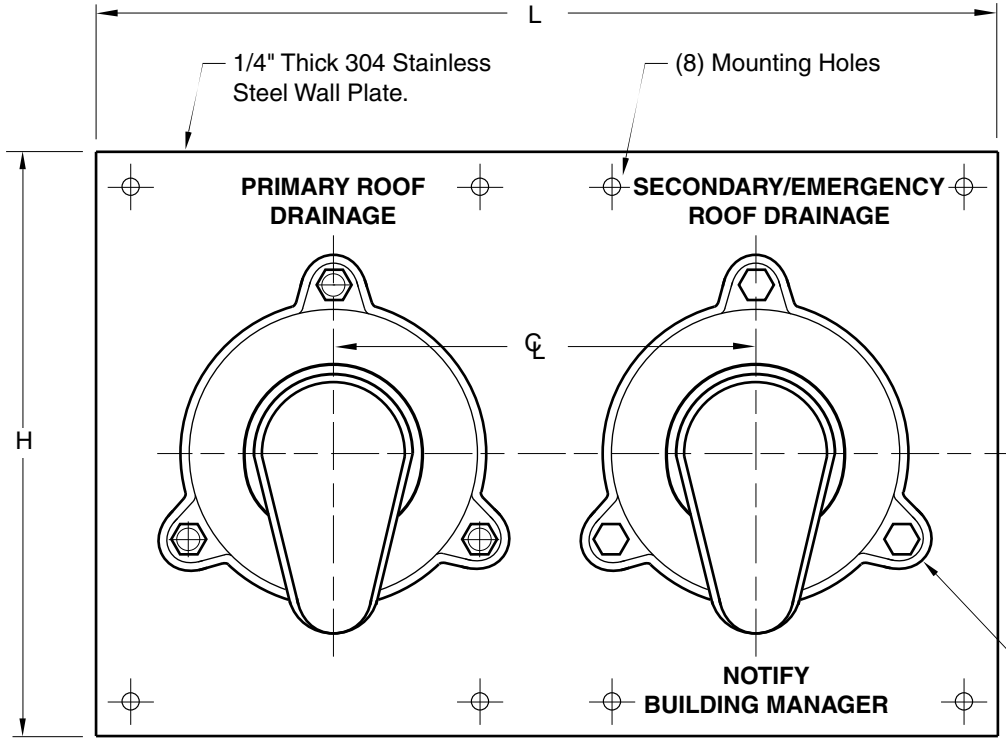
Figure Number 8905 Rice Interceptor may have a preference in the International Market but there are applications domestically for this type of unit. This does not eliminate the requirement of a grease interceptor, but places it at locations where it is necessary to collect solids from various vegetable preparation areas. The design features removable perforated stainless steel primary sediment baskets and a removable perforated stainless steel secondary sediment tray. The sediment tray will capture the smaller solids that pass through the sediment baskets because the perforations are smaller. The body is fabricated from steel and is coated with gray duco. Do not let the name mislead you as it can be used in other applications. Please refer to the attached 8905 submittal drawing.

FIGURE NUMBER	SQ-1-3453	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:	SCALE:	SIZE	DRAWING NUMBER
		JJ	JM	JM	03/01/05	NONE	A	SSQ-1-3453

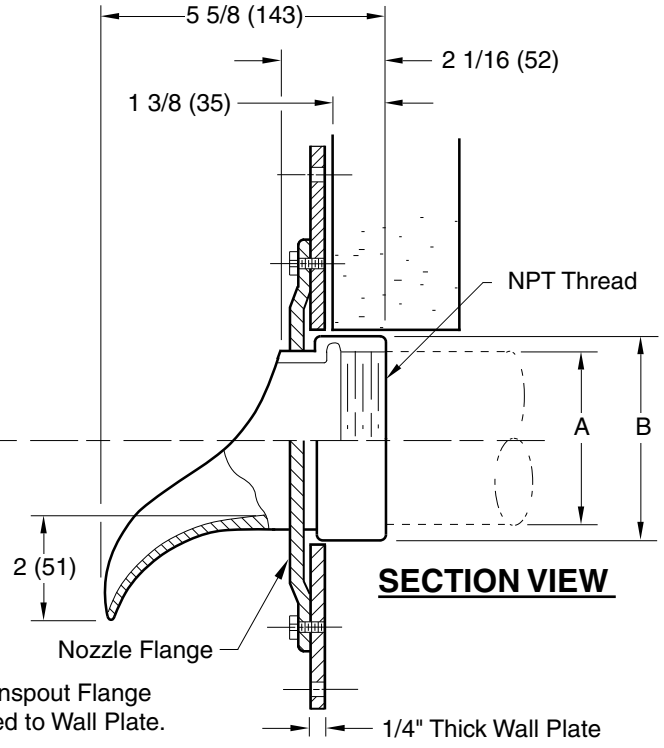
DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCE AND CHANGE WITHOUT NOTICE. WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA.

ROOF ACCESSORY
DUAL DOWNSPOUT NOZZLES

FUNCTION: Used at the base of a wall where a concealed leader discharges rainwater to the ground. Nozzle diverts water away from the building. One nozzle is for the primary roof drainage while the other discharges rainwater from the secondary (emergency) overflow roof drainage.



FRONT VIEW



SECTION VIEW

REGULARLY FURNISHED:
Nickel Bronze Nozzle and Flange, 304 Stainless Steel Wall Plate.

VARIATIONS:
☐ Bird Screen -BS

NOTE: Dimensions shown in parentheses are in millimeters.

A = PIPE SIZE	03 (75)	04 (100)	06 (150)
B = DIAMETER	04 (100)	05 (125)	7 1/4 (185)
L = LENGTH	22 (559)	24 (610)	28 (711)
H = HEIGHT	12 (305)	12 (305)	15 (381)
℄	10 1/4 (260)	11 (279)	13 1/4 (337)

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MEMBER OF:

REV.	DATE	DESCRIPTION	BY	CKD.

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LOCATION

RICE INTERCEPTOR

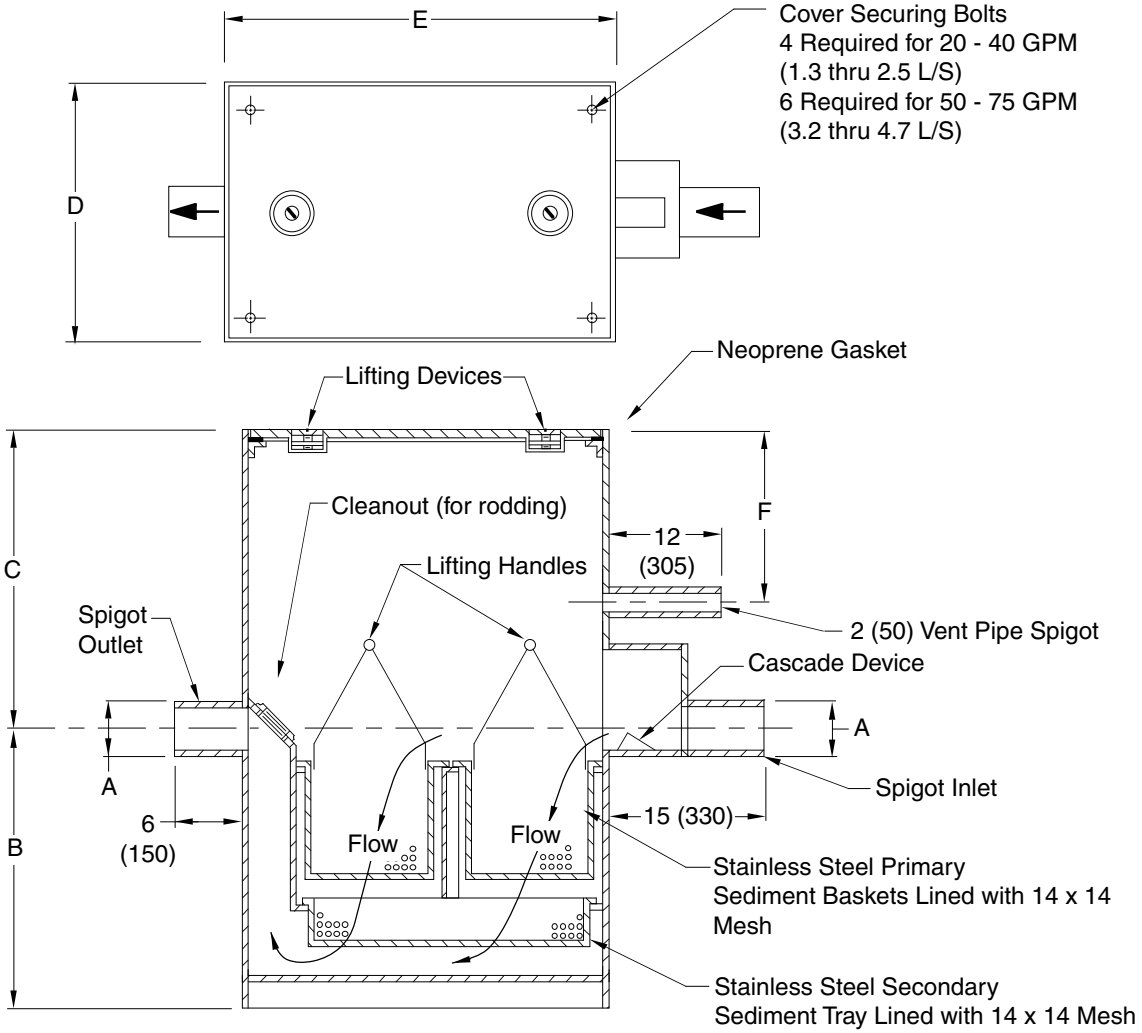

	Fig. No.	Flow Rate GPM	Flow Rate L/S	Inlet & Outlet (Pipe Size) A	Roughing Dimensions B	C	Width D	Length E	F
	8905-20	20	1.3	03 (80)	24 (610)	16 (405)	20 (510)	26 (660)	7 (180)
	8905-30	30	1.9	04 (100)	24 (610)	16 (405)	20 (510)	33 (840)	7 (180)
	8905-40	40	2.5	04 (100)	30 (760)	22 (560)	24 (610)	36 (915)	7 (180)
	8905-50	50	3.2	04 (100)	32 (815)	24 (610)	30 (760)	42 (1065)	7 (180)
	8905-75	75	4.7	06 (150)	36 (915)	28 (710)	36 (915)	48 (1220)	7 (180)

REGULARLY FURNISHED:
Fabricated Steel with Gray Duco Coating, Complete with Stainless Steel Primary Sediment Baskets, Stainless Steel Secondary Sediment Tray, Spigot Inlet and Outlet and Secured Gasketed Cover with Lifting Devices.

VARIATIONS:
All Stainless Steel Unit -SS
T Threaded Inlet and Outlet Connections

NOTE: Dimensions shown in parentheses are in millimeters.

REV.	DATE	DESCRIPTION	BY	CKD. BY
D	10-23-97	Added 14 x 14 Mesh	EMB	BS
C	9-23-96	Rev Dwg	EMB	BS
B	5-23-95	Submittal Update	EMB	BS
A	5-2-94	Changed Dim	TBW	BW

WEIGHT POUNDS

VOLUME CUBIC FEET

FIGURE NUMBER
8905 Series

FIGURE NUMBER 8905 Series | DRAWN BY: VGD | CHECKED BY: TD | APPROVED BY: SJM | DATE: 12-4-87 | SCALE: NONE | SIZE A | DRAWING NUMBER S8905 Series | D