

ENGINEERING COMMUNIQUÉ



JERRY MCDANAL

CET, CPD-EMERITUS, FASPE

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TOPICS:

- DUAL DOWNSPOUT NOZZLES (SQ-1-3453)
- MULTIPLE HOSE STATION (SQ-5-3082)

TWO UNIQUE SQ SPECIALS

DUAL DOWNSPOUT NOZZLES (SQ-1-3453):

In this installation there was no underground storm water piping so all roof downspouts/leaders had to be discharged thru the exterior wall 12 inches above the ground or sidewalk. The local code required a secondary/emergency overflow drain for each primary drain and each to be discharged separately. The building owner required all primary and secondary drainage to be identified and each drainage zone 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 solution. 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 drainage identified.

MULTIPLE HOSE STATION (SQ-5-3082):

A large apartment complex project required provisions for hose stations so residents could wash their cars. Refer to the attached submittal. L-R: The first two boxes each contains two hydrants which are cold water only, box three is hot water and the last box contains a twin temp hydrant for hot and cold water. The boxes are locked with a cylinder key lock. Four wash areas with the capacity for four automobiles are provided. Residents must provide their own hose pipe.

The box is fabricated from 304 stainless steel. The four cold water and one hot water hydrants are the 5619 non-freeze Dual Check units. The hot & cold water is the 5660-QT non-freeze dual temp unit.

NEXT UP...

SQ-1-3453, SQ-5-3082 SUBMITTALS AND 3D DRAWINGS

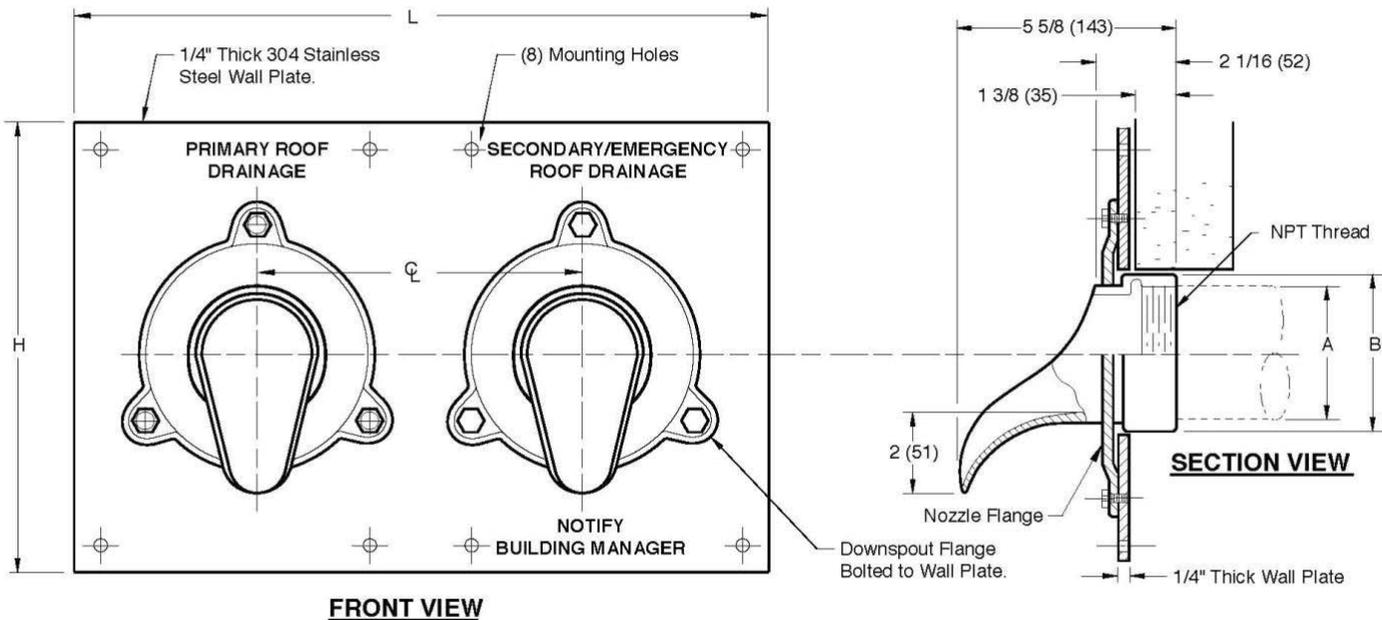
FIGURE NUMBER	SQ-1-3453	DRAWN BY:	JJ	CHECKED BY:	JM	APPROVED BY:	JM	DATE:	03/01/05	SCALE:	NONE	SIZE:	A	DRAWING NUMBER	SSQ-1-3453
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DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCE AND CHANGE WITHOUT NOTICE.

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)
φ	10 1/4 (260)	11 (279)	13 1/4 (337)

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

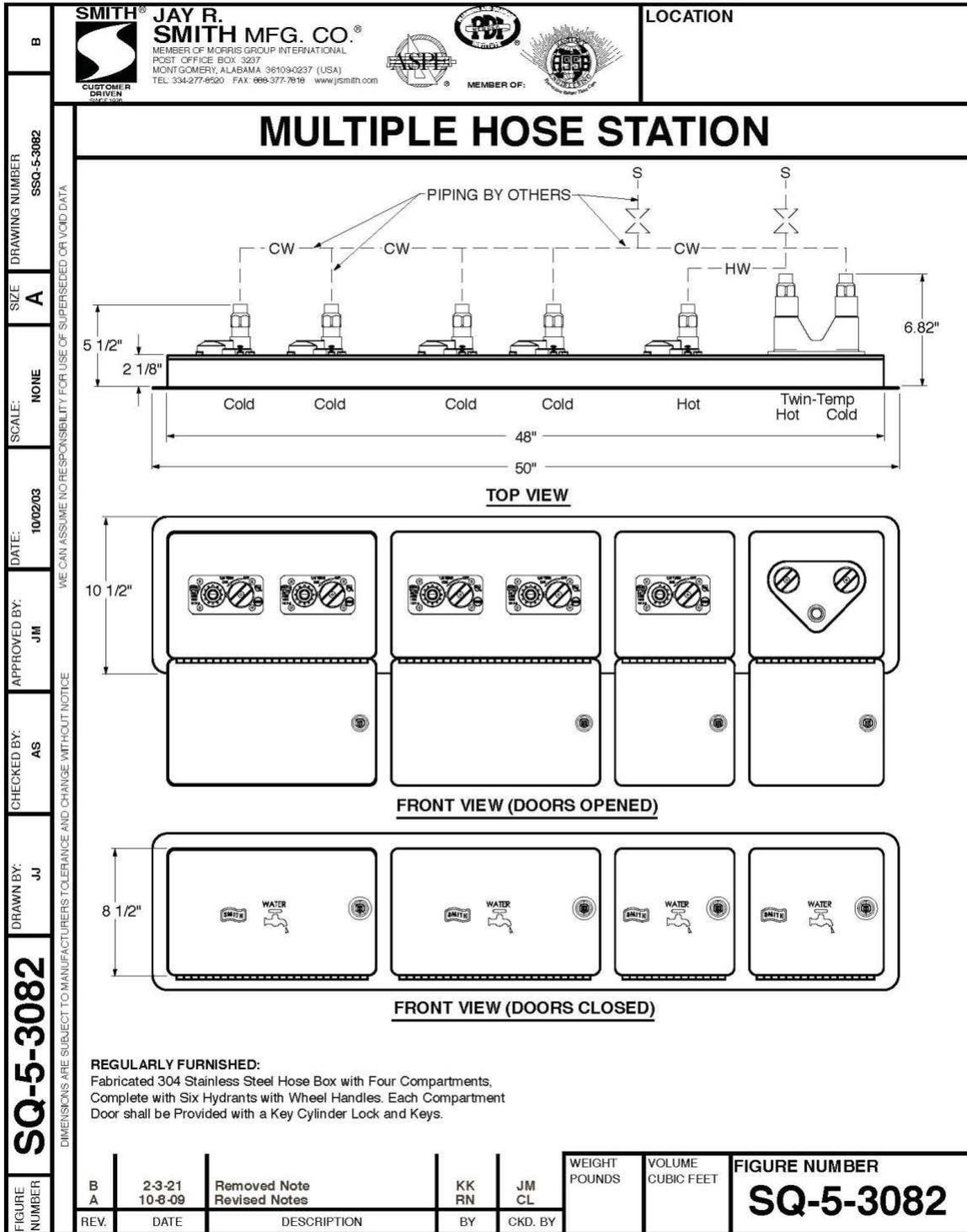
SQ-1-3453

is a fabricated nickel bronze nozzle and flange with a 304 stainless steel wall plate installed at the base of a wall and connected to a concealed leader that discharges rainwater to the ground.



DUAL DOWNSPOUT

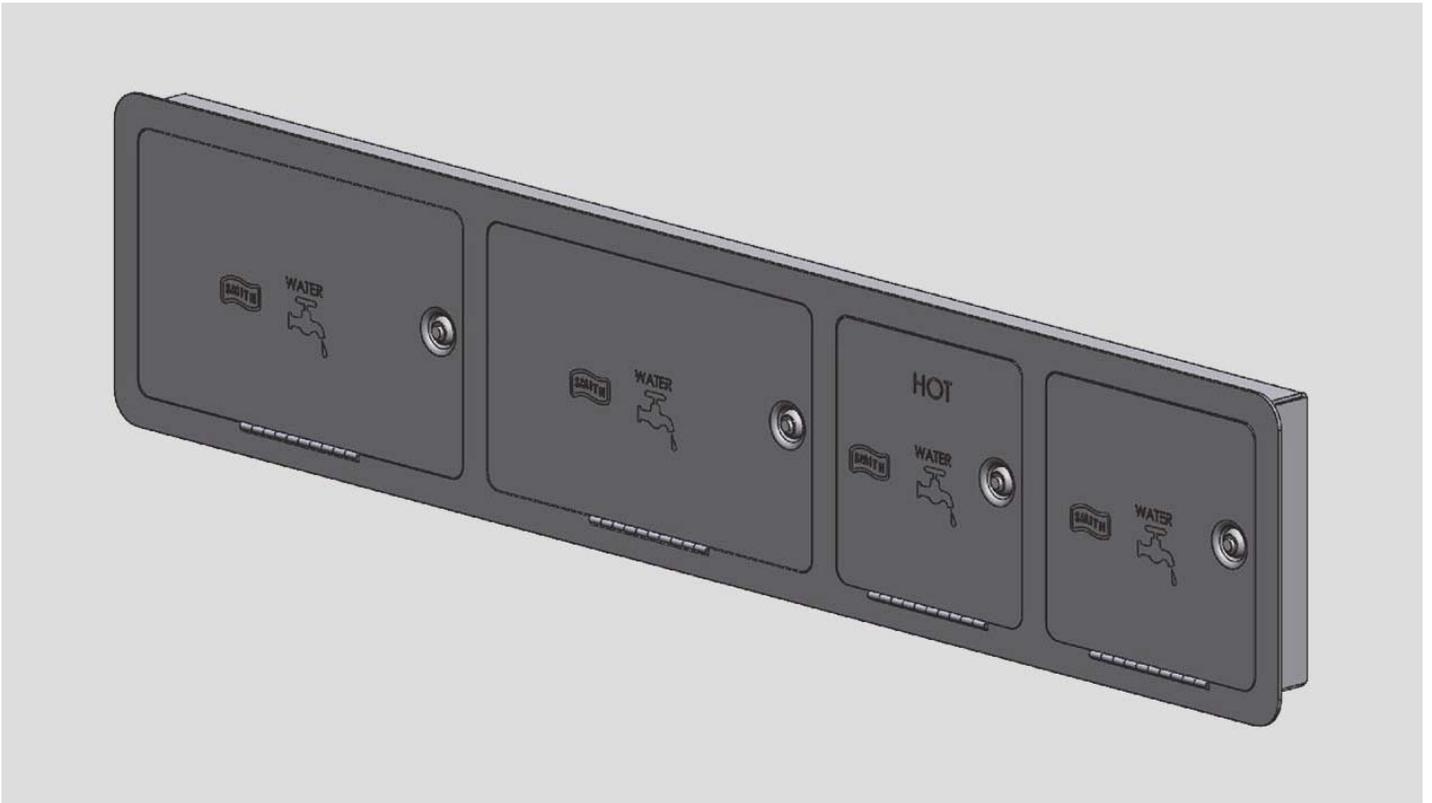
The nozzles divert the water away from the building. One nozzle is for primary roof drainage while the other is for overflow roof drainage.



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SQ-5-3082

is a fabricated 304 stainless steel hose box with four compartments, complete with six hydrants and wheel handles.



MULTIPLE HOSE STATION

This is a 3D drawing of the multiple hose station. Each compartment door is provided with a key cylinder lock and keys.