



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Thaler Metal USA Inc.
1902 Common Street, Suite 500
New Braunfels, TX 78130

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Roof Drains

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 11.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 09-0811.14
Expiration Date: 10/21/14
Approval Date: 10/21/09
Page 1 of 11

ROOFING COMPONENT APPROVAL:

Category: Roofing
Sub Categories: Roofing Accessories
Materials: Stainless Steel, Copper, Aluminum
Maximum Design Pressure N/A

PRODUCT DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Thickness /Gauge/Weight</u>	<u>Product Description</u>
RD-4SS	Dome: 10" dia. Drain Body: 18" dia. Leader outlet: 2" or 3"	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-7SS	Dome: 10" dia. Drain Body: 18" dia. Leader outlet: 3" or 4"	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-14SS	Dome: 10" dia. Drain Body: 18" dia. Leader outlet: 3" or 4"	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-19SS	Drain Body Flange : 16" x 16" Drain Body: 7-3/4" x 7-3/4" x 1/4" Leader outlet: 3" dia.	Cast Aluminum or Bronze: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain Aluminum or Bronze Gate for promenade decks or terraces
RD-24SS	Dome: 10" Dia. Drain Body: 18" dia. Leader outlet: 4" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-28SS	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Removable Aluminum Strainer
RD-29SS	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Removable Aluminum Strainer

RDX-30SS	Strainer: 8-3/4" Dia. X 6"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Strainer
RD-38SS	Strainer: 7-3/4" Dia. X 4-3/4"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Hinged Strainer with Access Gate
RD-39SS	Strainer: 7" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 3" dia.	Cast Aluminum: 22 ga.(.0299") thick Stainless Steel: 16 ga. (0.64") thick	Stainless Steel Roof Drain with Aluminum Vandalproof Strainer
RD-4A	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 2" or 3"	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-7A	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 3" or 4"	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-14A	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 3" or 4"	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-24A	Dome: 10" Dia. Drain Body: 18" dia. Leader outlet: 4" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-28A	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Removable Aluminum Strainer
RD-29A	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Removable Aluminum Strainer
RDX-30A	Strainer: 8-3/4" Dia. X 6"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Strainer
RD-38A	Strainer: 7-3/4" Dia. X 4-3/4"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Hinged Strainer with Access Gate
RD-39A	Strainer: 7" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 3" dia.	Cast Aluminum: 13 ga.(.090") thick	Aluminum Roof Drain with Aluminum Vandalproof Strainer



RD-1C	Dome: 10-1/2" Dia. Drain Body: 18" dia. Leader outlet: 4" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-4C	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 2" or 3"	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-7C	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 3" or 4"	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-14C	Dome: 10" Dia. Drain Body: 18" Dia. Leader outlet: 3" or 4"	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-24C	Dome: 10" Dia. Drain Body: 18" dia. Leader outlet: 4" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Dome Strainer with Hinged Access Gate
RD-28C	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Removable Aluminum Strainer
RD-29C	Strainer: 7-3/4" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Removable Aluminum Strainer
RDX-30C	Strainer: 8-3/4" Dia. X 6"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Strainer
RD-38C	Strainer: 7-3/4" Dia. X 4-3/4"h Drain Body: 15" dia. Leader outlet: 2" or 3" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Hinged Strainer with Access Gate
RD-39C	Strainer: 7" Dia. X 4-1/2"h Drain Body: 15" dia. Leader outlet: 3" dia.	Copper: 24 oz. Cast Aluminum: 16 ga.(.058") thick	Copper Roof Drain with Aluminum Vandalproof Strainer



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek Testing Services		278-3437-00	03/30/05
Intertek Testing Services	Periodic Inspection Report		08/18/09
Zhejiang Jiuli Stainless Steel Pipe Co., Ltd.	Mill Certificate		
Rajendra Mechanical Industries Ltd.	Mill Certificate		08/31/07
Rath Gibson	Mill Certificate		09/18/07
Rolak Stainless Steel Inc.	Packing List		08/05/09
Outo Kumpu	Inspection Certificate		04/29/09
North American Stainless, Inc	Mill Certificate		07/21/09
ThyssenKrupp Materials NA	Certificate of Mill Test Results (Aluminum)		01/07/08
Industria Mexicana Del Aluminio, S.A. De C.V.	Mill Certificate (Aluminum)		
ThyssenKrupp Materials NA	Certificate of Mill Test Results (Copper)		01/07/08
Copper and Brass Mills Sevojno Luvata	Mill Certificate (Copper) Certification Report (Copper)		04/14/09
Wolverine Tube Inc	Certification (Copper)		01/28/07
Wolverine Tube Inc	Certification (Copper)		11/22/07
Wolverine Tube Inc	Certification (Copper)		02/19/09

MANUFACTURING LOCATIONS:

1. Mississauga, Ontario CANADA

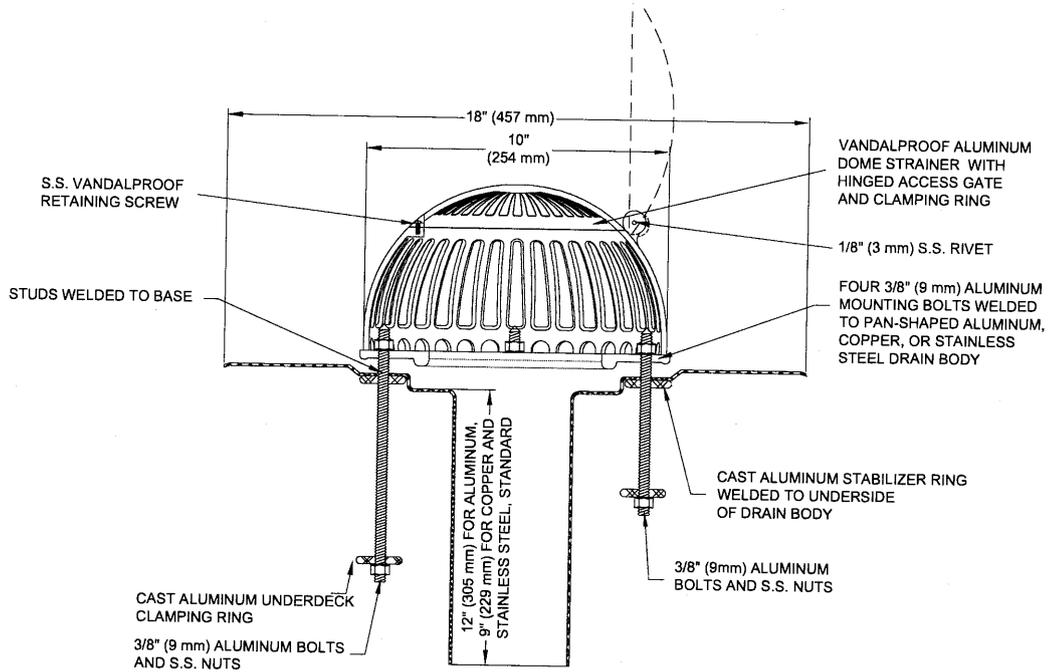
LIMITATIONS:

1. All products listed in this NOA shall be installed as per the applicable sections of the Florida Building Code – HVHZ and with Thaler Metal USA Inc’s current, published installation instructions and in compliance with the minimum requirements detailed.
2. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.

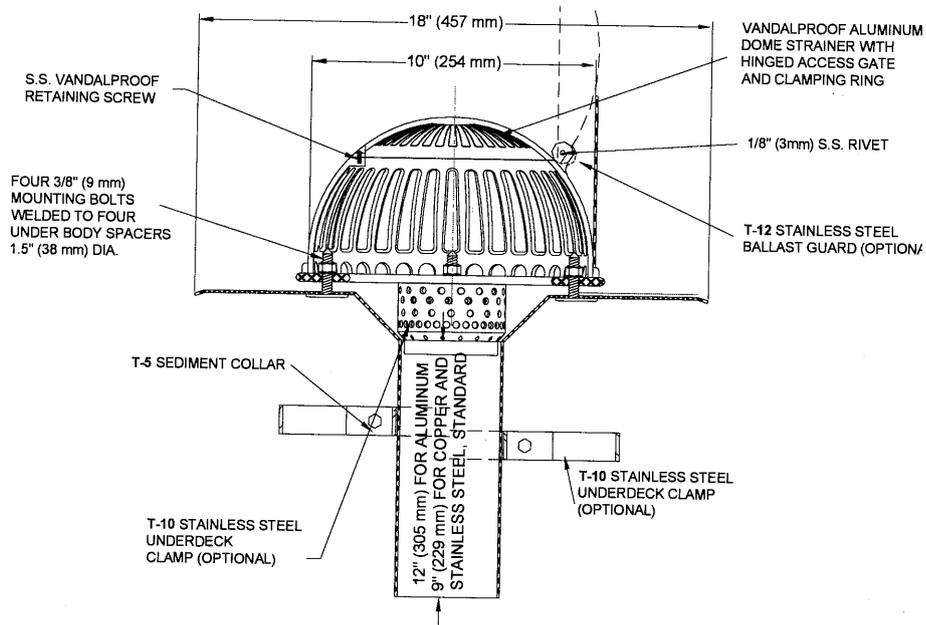


NOA No.: 09-0811.14
Expiration Date: 10/21/14
Approval Date: 10/21/09
Page 5 of 11

DETAIL DRAWING



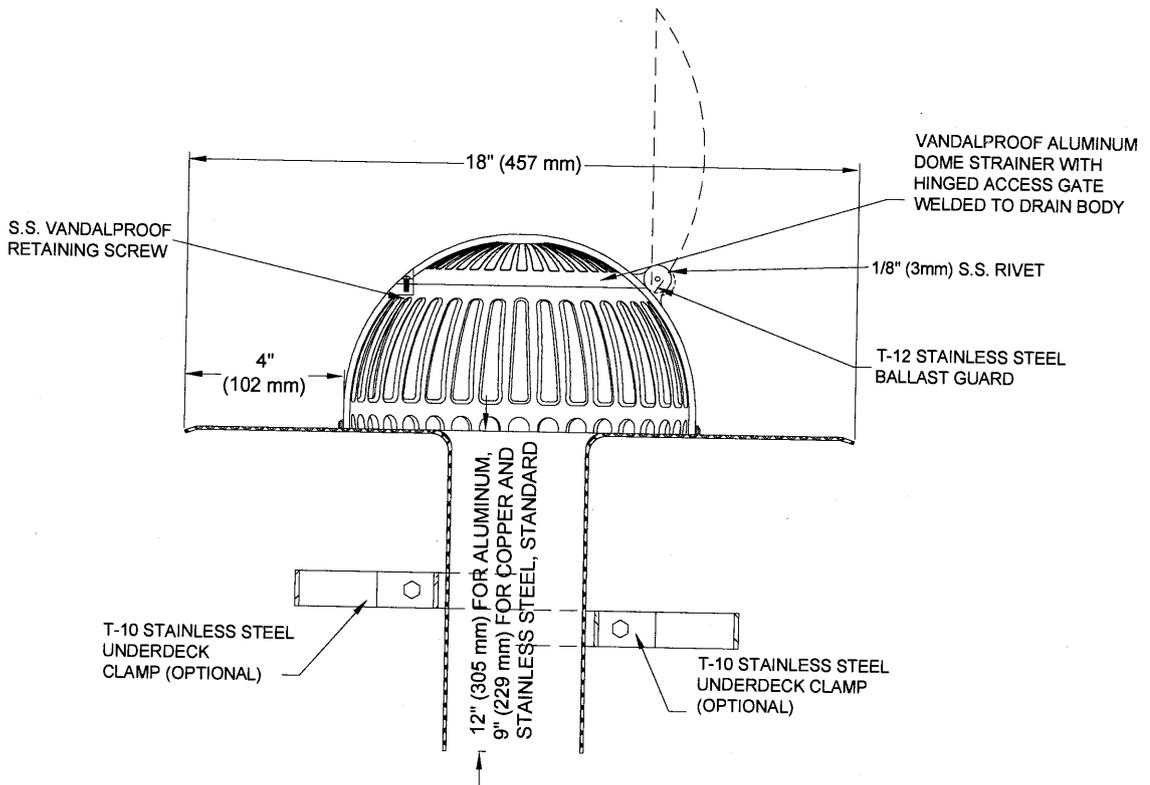
RD-4SS, RD-4A, RD-4C



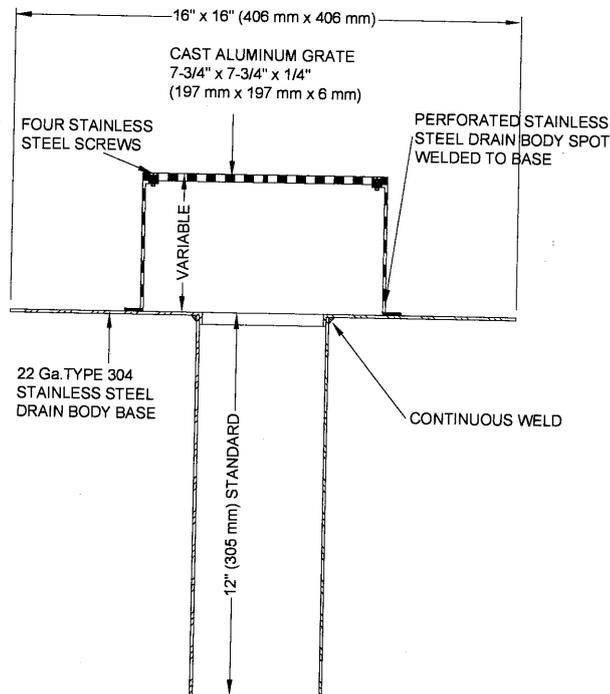
RD-7SS, RD-7A, RD-7C



NOA No.: 09-0811.14
 Expiration Date: 10/21/14
 Approval Date: 10/21/09
 Page 6 of 11

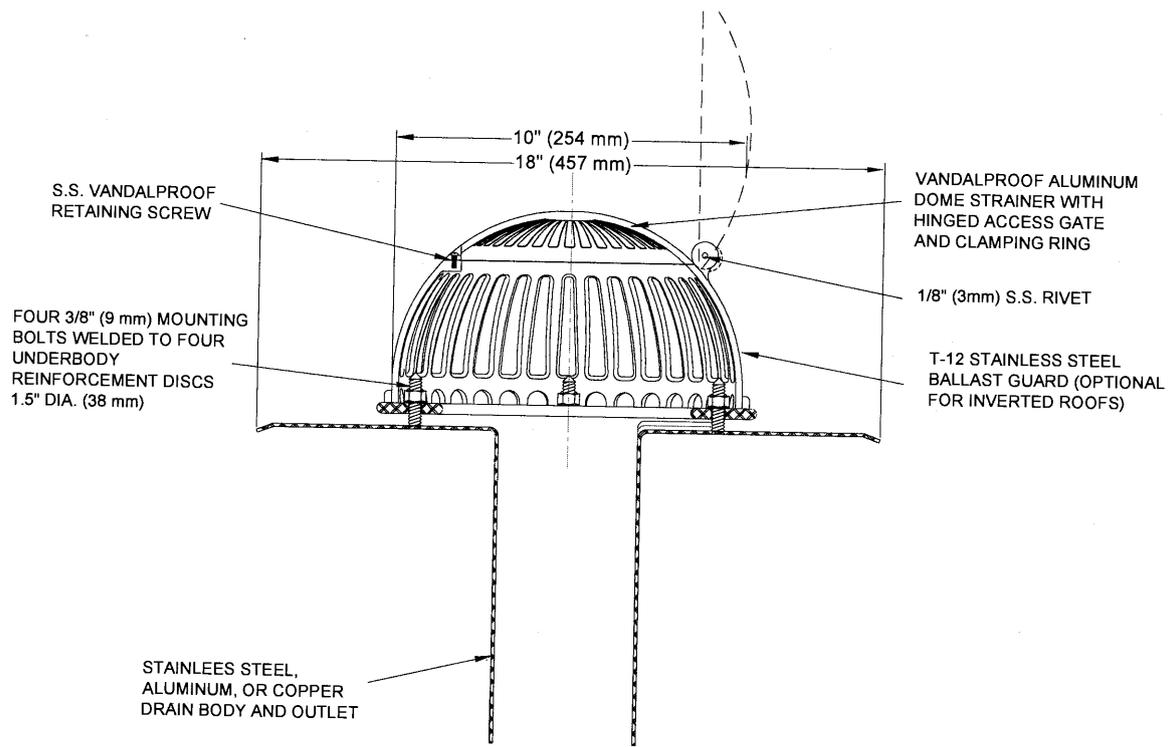


RD-14SS, RD-14A, RD-14C

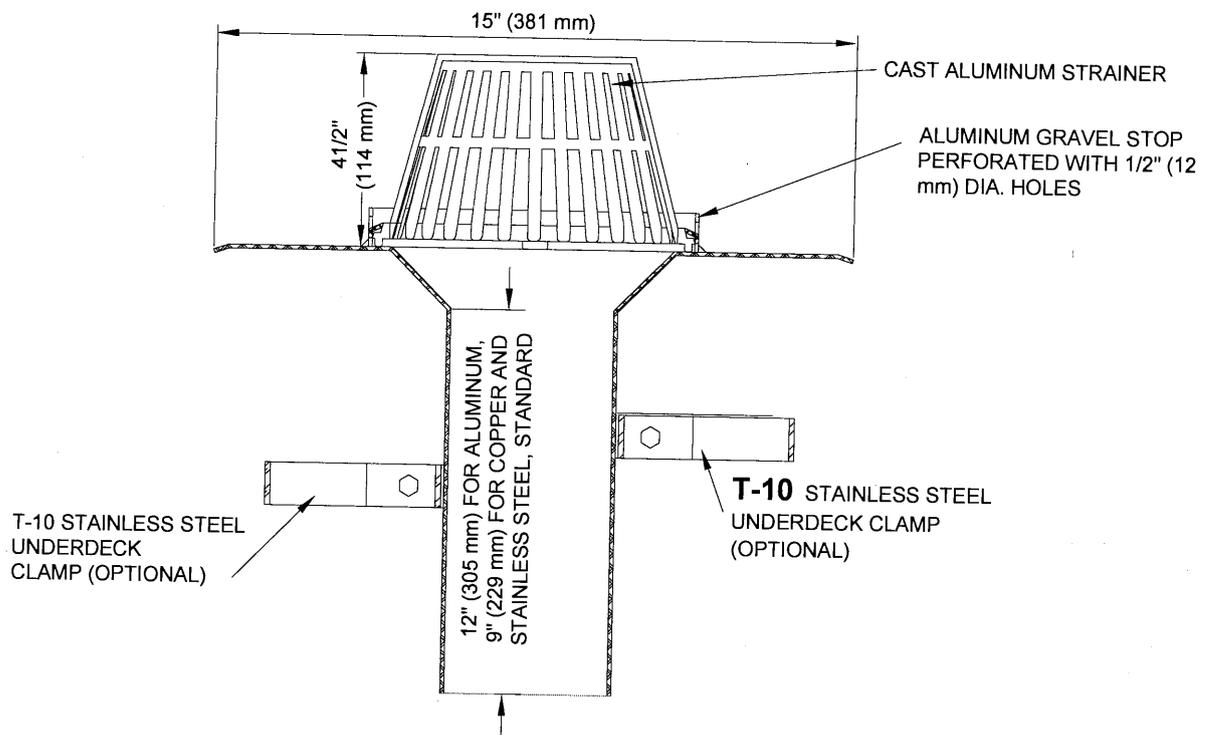


RD-19SS



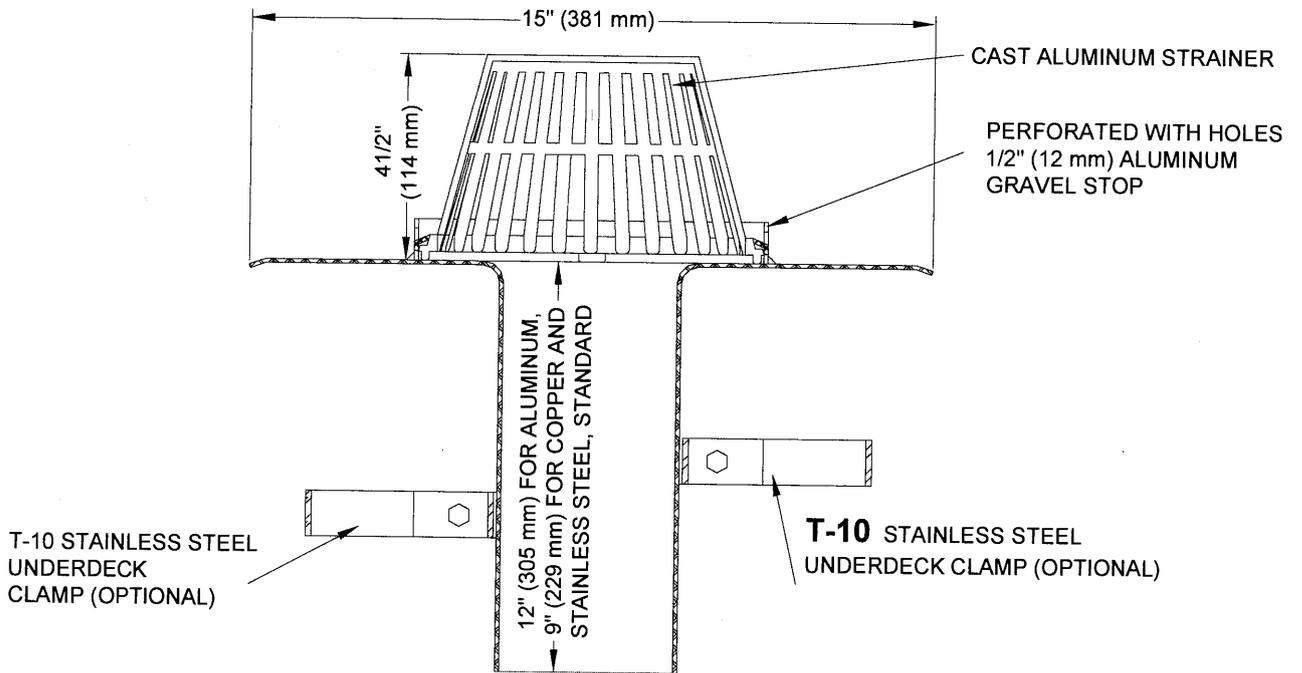


RD-24SS, RD-24A, RD-24C

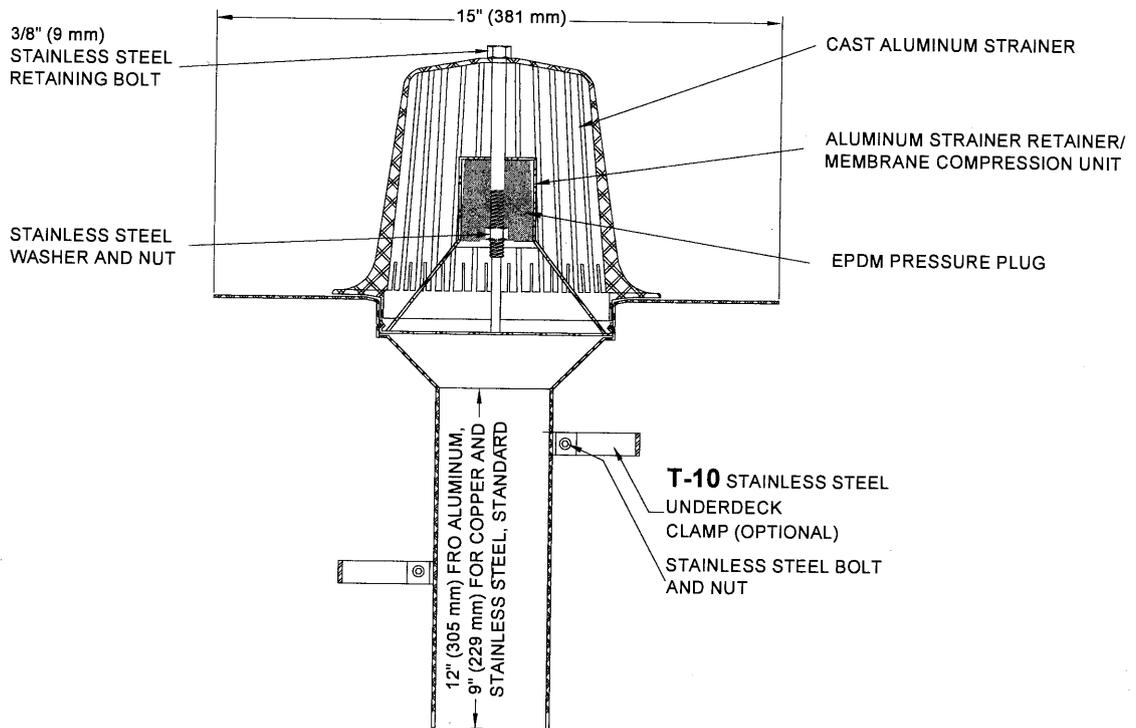


RD-28SS, RD-28A, RD-28C



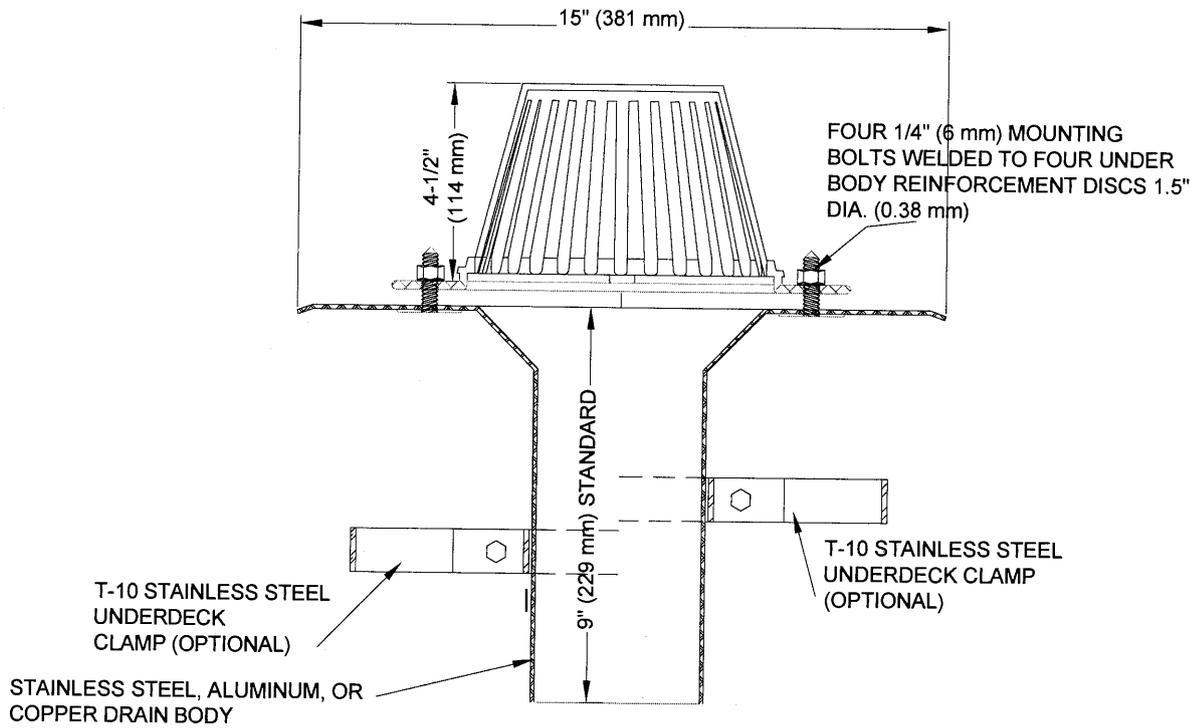


RD-29SS, RD-29A, RD-29C

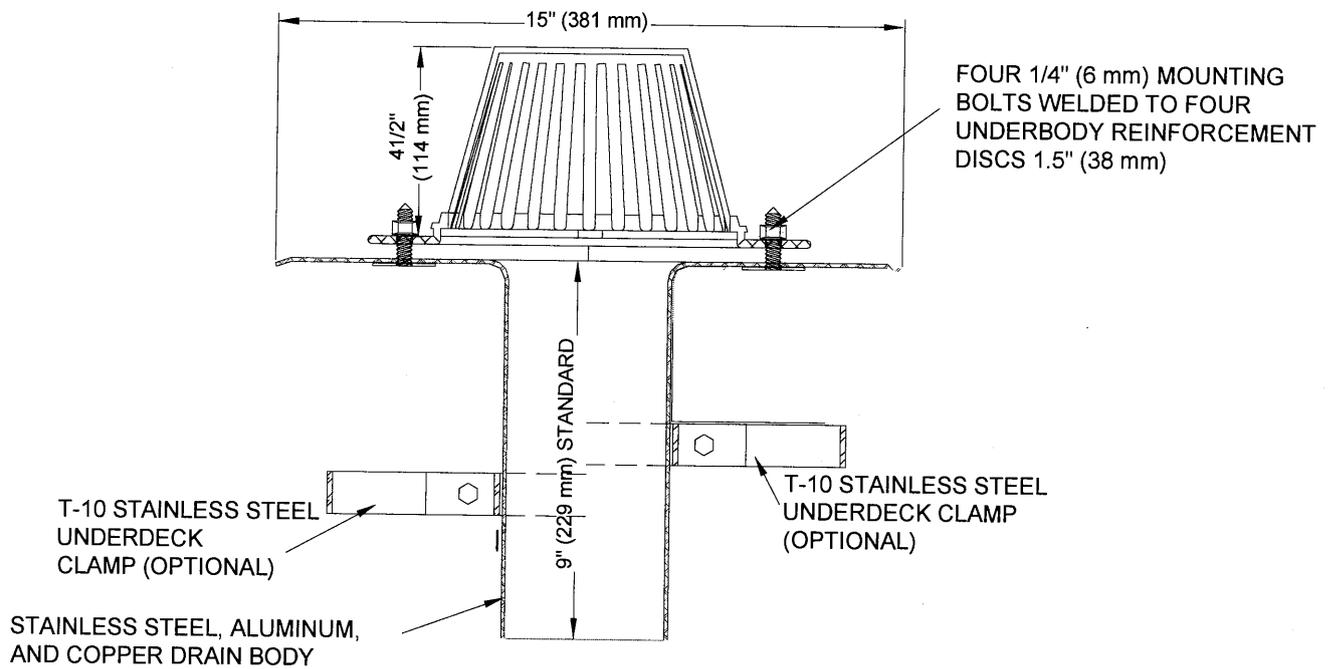


RDX-30SS, RDX-30A, RDX-30C



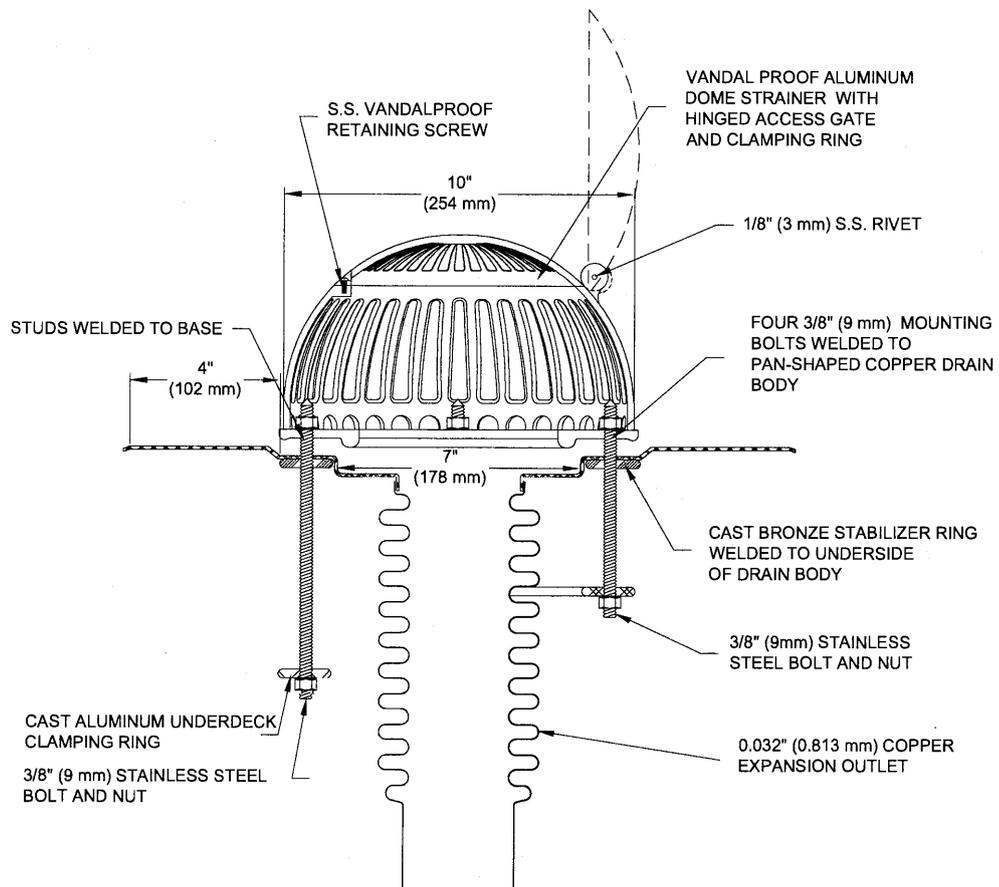


RD-38SS, RD-38A, RD-38C



RD-39SS, RD-39A, RD-39C





RD-1C

END OF THIS ACCEPTANCE



NOA No.: 09-0811.14
 Expiration Date: 10/21/14
 Approval Date: 10/21/09
 Page 11 of 11