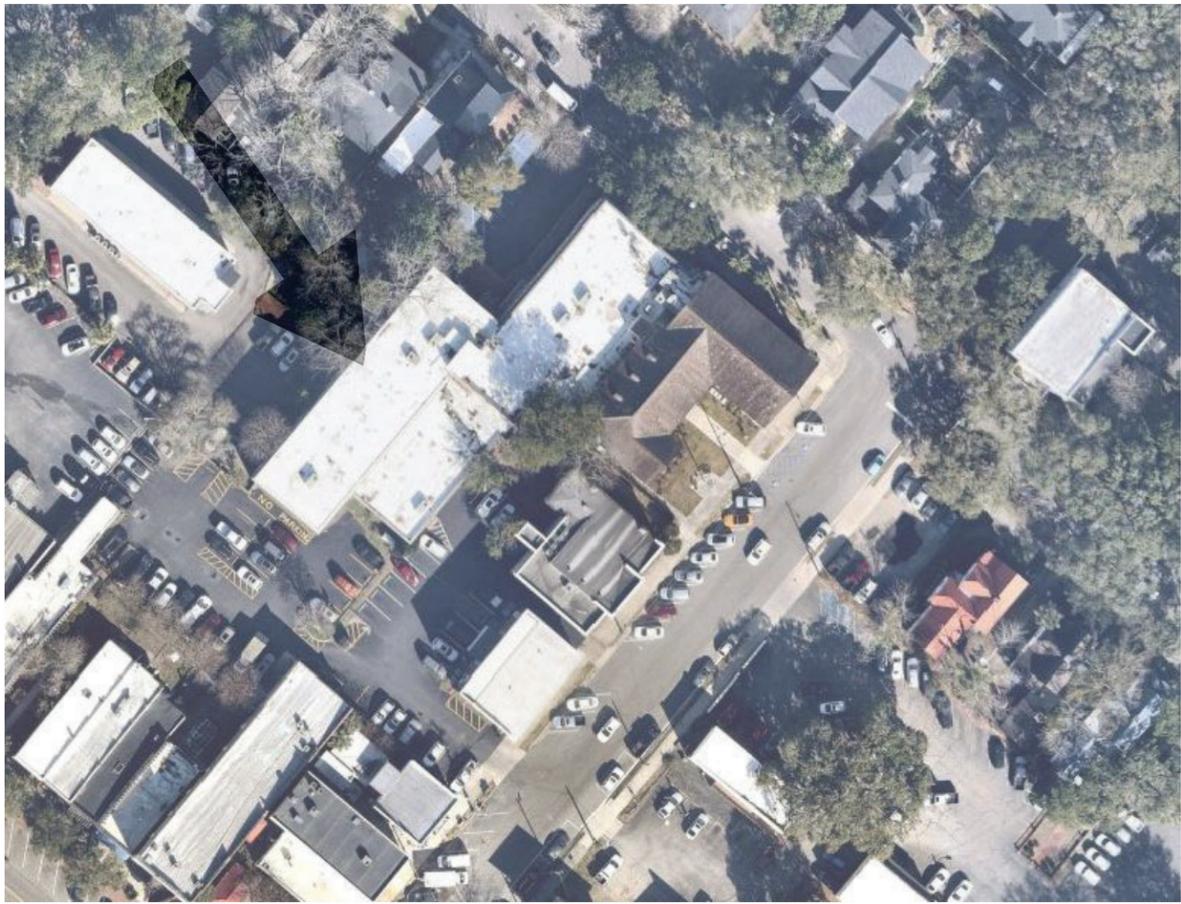


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# OVERFLOW ROOF DRAIN INSTALLATION

GEORGETOWN COUNTY COURTHOUSE  
 129 Screven Street  
 Georgetown, SC 29440

Owner:  
 Georgetown County, SC



DRAWING INDEX	
GENERAL	
G-101	COVER PAGE
ARCHITECTURAL	
A-101	ROOF PLAN
A-301	DETAILS
A-302	DETAILS

REFERENCES / DESIGN CONSIDERATIONS	
ASTM -	AMERICAN SOCIETY FOR TESTING AND MATERIALS
U.L. -	UNDERWRITERS' LABORATORIES
F.M.-	FACTORY MUTUAL OR FACTORY MUTUAL RESEARCH CORPORATION
SMACNA -	SHEET METAL AND AIR CONDITIONING CONTRACTOR ASSOCIATION
AIA -	AMERICAN INSTITUTE OF ARCHITECTS
NRCA -	NATIONAL ROOFING CONTRACTOR ASSOCIATION
IBC -	INTERNATIONAL BUILDING CODE 2021 EDITION (AMENDED)
SCBC -	SOUTH CAROLINA BUILDING CODE 2021 EDITION
NFPA -	NATIONAL FIRE PREVENTION ASSOCIATION

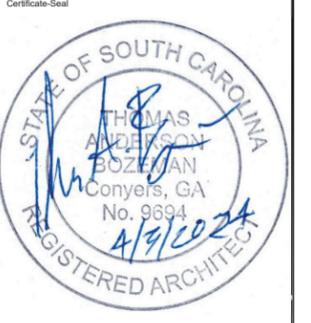
DRAWING NOTES	
1.	THESE NOTES ARE FOR THE CONTRACTOR, AND ALL ASSOCIATED SUBCONTRACTORS, MANUFACTURERS, AND SUPPLIERS.
2.	SHOULD DISCREPANCY EXIST BETWEEN THE DRAWINGS AND SPECIFICATION, THE CONTRACTOR AND/OR SUBCONTRACTOR SHALL MAKE MENTION TO THE ENGINEER FOR DIRECTION PRIOR TO PROCEEDING WITH WORK.
3.	THE ROOF PLANS AND DETAILS ARE REPRESENTATIVE IN NATURE, AND ARE PROVIDED TO SHOW THE RELATIONSHIP BETWEEN SPECIFIED MATERIALS. FOR CLARITY, ALL SPECIFIED MATERIALS REQUIRED FOR USE MAY NOT BE SHOWN ON DETAILS, AND CONTRACTOR SHALL ENSURE THAT CONSTRUCTION, INSTALLATION, AND APPLICATION OF MATERIALS IS DONE IN ACCORDANCE WITH SPECIFICATION.
4.	ALL MEASUREMENTS AND EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO ORDERING MATERIALS AND/OR PROCEEDING WITH WORK.
5.	ALL CROSS-SECTIONAL DETAILS REPRESENT TYPICAL CONDITIONS, AND THOSE CROSS-SECTIONAL DETAILS SHALL BE APPLIED IN MERIT TO APPLICABLE AREAS ON THE ROOF EVEN THOUGH NOT SPECIFICALLY MARKED ON DRAWINGS OR REFERRED TO IN SPECIFICATIONS.
6.	ALL MANUFACTURER'S RECOMMENDATIONS MUST BE STRICTLY ADHERED TO, UNLESS MORE STRINGENT REQUIREMENTS LIE WITHIN THE SPECIFICATION OR DRAWINGS.

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Revisions

Description	By	Appr	Date



Georgetown County  
 1918 Church Street  
 Georgetown, SC 29440

Project  
 GEORGETOWN COUNTY COURTHOUSE

OVERFLOW DRAIN INSTALLATION

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Sheet Title  
 COVER PAGE

Project No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 GRGT00224  
 Date 4/3/2024 Scale **G-101**  
 NTS  
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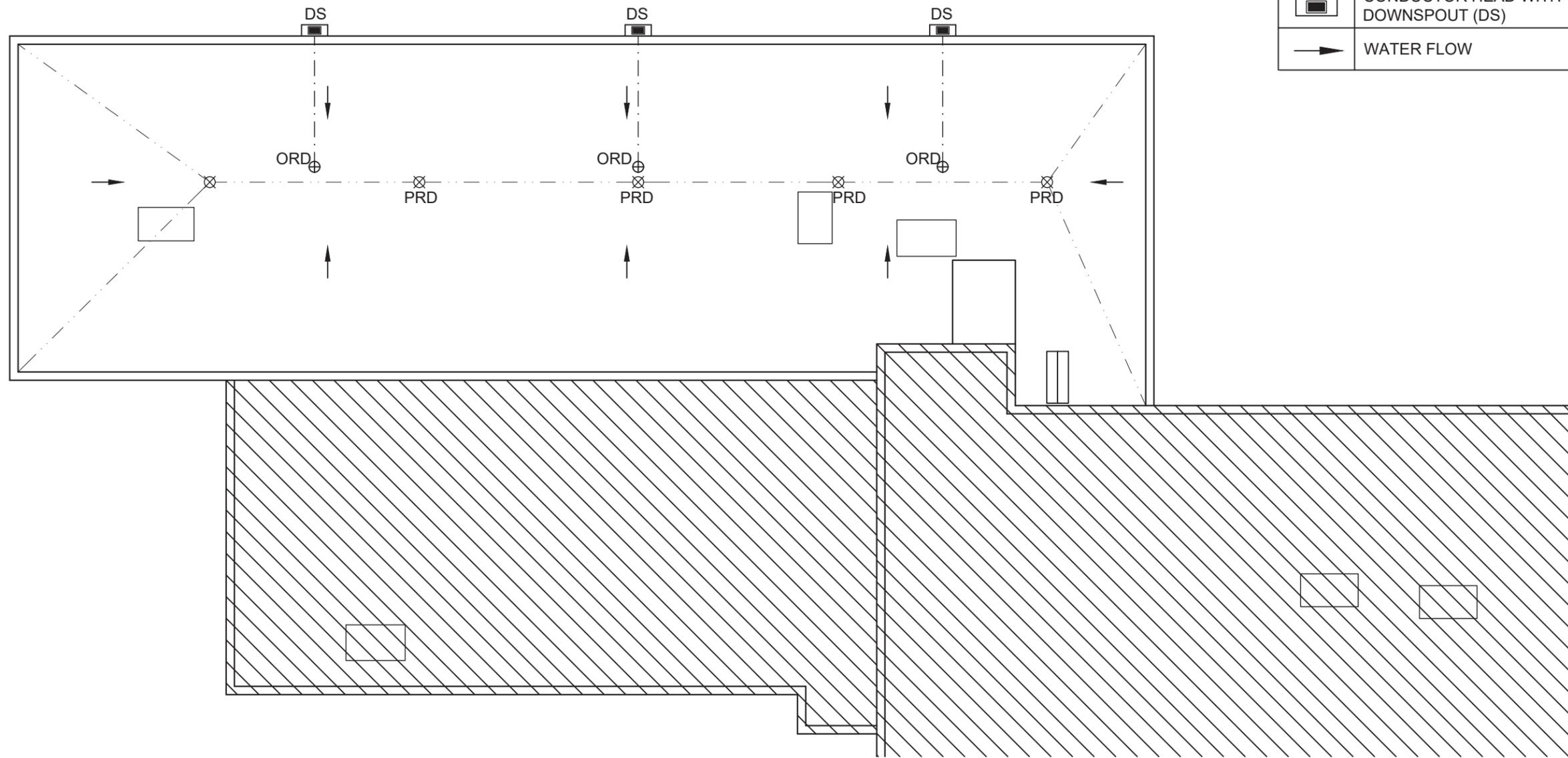
\\192.168.0.50\rel\1093\gel\_engineering\001 georgetown courthouse scuppers\design\drawings\sav1093.001 georgetown ch - plans and details.dwg : A-101 (Plotted: 4/3/2024 2:52:14)

# SHEET NOTES

- FURNISH AND INSTALL NEW 5" MIN. OVERFLOW DRAINS, LEADERS, AND 6" MIN. HORIZONTAL PIPING TO OUTLET NOZZLES AT THE EXTERIOR WALL AT APPROXIMATE LOCATIONS SHOWN. CENTER OUTLETS BETWEEN EXISTING WINDOWS.
- FURNISH AND INSTALL CONDUCTOR HEADS WITH DOWNSPOUTS AT OVERFLOW OUTLET LOCATIONS.
- COORDINATE INSPECTION BY ROOFING MEMBRANE MANUFACTURER TO ENSURE EXISTING IN-EFFECT WARRANTY IS MAINTAINED. PROVIDE LETTER FROM ROOFING MEMBRANE MANUFACTURER INFORMING THE OWNER THAT THE WARRANTY WILL REMAIN IN-EFFECT FOR THE ORIGINAL DURATION OF THE WARRANTY.

# LEGEND

	ROOF AREA NOT-IN-CONTRACT (N.I.C.)
	ROOF OUTLINE/PARAPET
	VALLEY
	ROOFTOP UNIT
	PRIMAY ROOF DRAIN (PRD)
	OVERFLOW ROOF DRAIN (ORD)
	OVERFLOW DRAIN PIPE
	CONDUCTOR HEAD WITH DOWNSPOUT (DS)
	WATER FLOW



# 1 ROOF PLAN

SCALE: 1/16" = 1'-0"



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Description: By: Appr: Date:


Consultants



Certificate/Seal



Client



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 Georgetown, SC 29440

Project

GEORGETOWN COUNTY COURTHOUSE

## OVERFLOW DRAIN INSTALLATION

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Sheet Title

## ROOF PLAN

Project No. Drawing No.

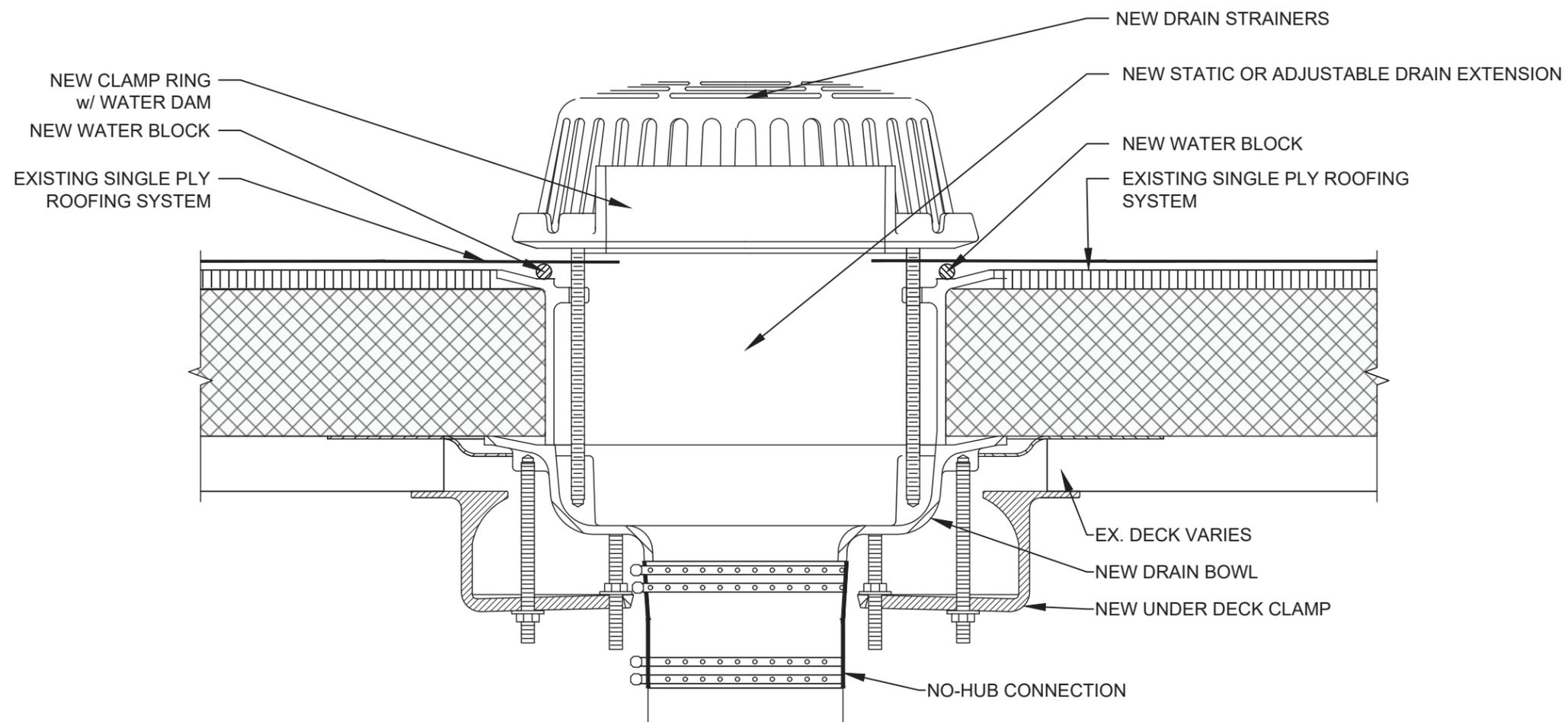
GRGT00224

Date: 4/3/2024

Scale: 1/16" = 1'-0" A-101

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**NOTES:**

1. FURNISH AND INSTALL NEW STATIC AND/OR ADJUSTABLE EXTENSIONS TO RAISE THE OVERFLOW DRAIN TO THE HEIGHT OF THE SURROUNDING INSULATION AS SPECIFIED.
2. PREVENT MEMBRANE LAPS FROM BEING WITHIN 18" OF THE EDGE OF THE OVERFLOW DRAIN BOWL. IF MEMBRANE LAPS ARE WITHIN 18" OF THE CENTER OF THE OVERFLOW DRAIN BOWL FURNISH AND INSTALL A TARGET PATCH AS SPECIFIED. IF MEMBRANE LAPS ARE WITHIN 18" OF THE EDGE OF THE OVERFLOW DRAIN BOWL, STRIP IN THE MEMBRANE LAP AS SPECIFIED.
3. DO NOT APPLY SUMPS AT OVERFLOW DRAINS.
4. WATER DAM SHALL BE 2" ABOVE THE NEW FINISHED ROOF .

1 OVERFLOW DRAIN DETAIL

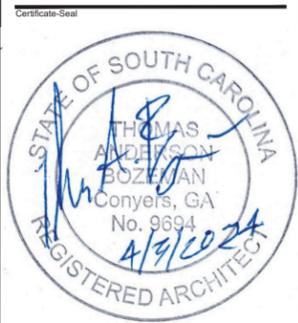
SCALE: 3" = 1'-0"



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Georgetown County  
 1918 Church Street  
 Georgetown, SC 29440

Project  
 GEORGETOWN COUNTY COURTHOUSE

**OVERFLOW DRAIN INSTALLATION**

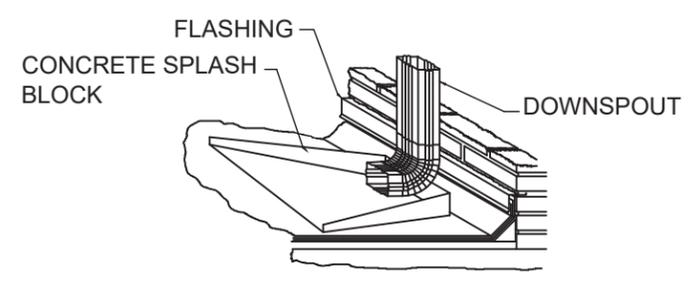
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Sheet Title  
**OVERFLOW DRAIN DETAIL**

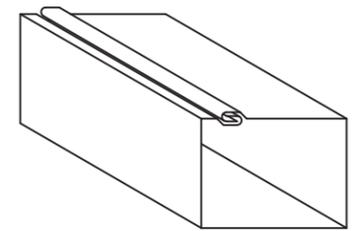
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 Date 4/3/2024  
 Scale 3" = 1'-0" **A-301**

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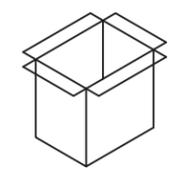
SMACNA FIGURE 1-36 SPLASH BLOCK



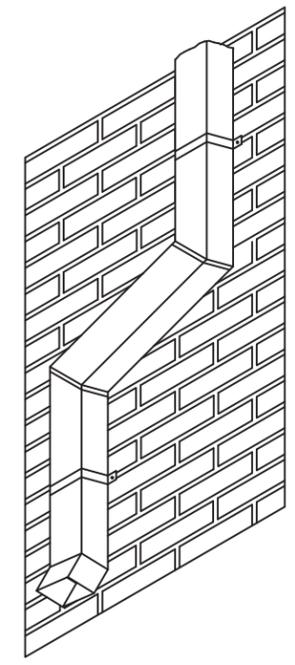
SMACNA FIG 1-32B  
DOWNSPOUT SECTION



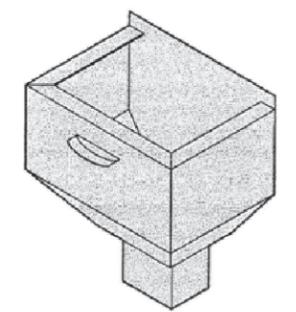
SMACNA FIG 1-24D  
DOWNSPOUT STRAINER



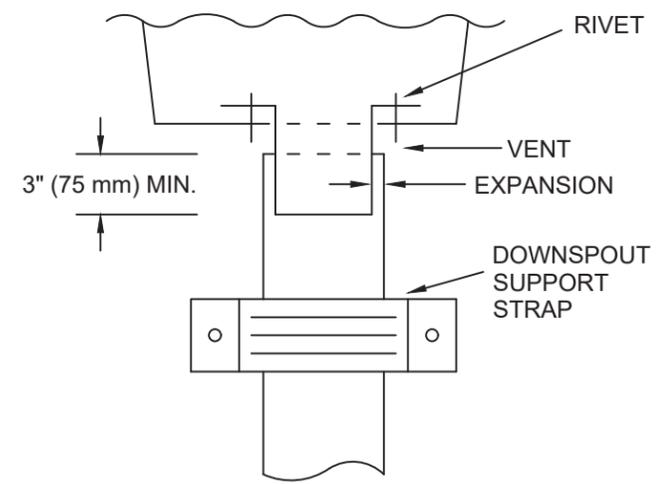
SMACNA FIG 1-24C  
GUTTER OUTLET TUBE



SMACNA FIG 1-32F



SMACNA FIG 1-25C  
CONDUCTOR HEAD



SMACNA FIGURE 1-33B

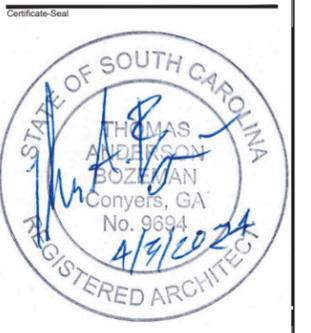
**1** CONDUCTOR HEAD AND DOWNSPOUT DETAILS  
SCALE: NTS

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CONDUCTOR HEAD & DOWNSPOUT DETAILS

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