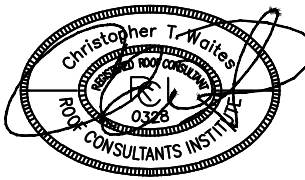


USC SUMTER ROOF REPAIRS NETTLES - SCHWARTZ BUILDING & ARTS AND LETTERS BUILDING

WMBE PROJECT NUMBER: 2016-77



DESIGNED: CTW

**USC SUMTER ROOF REPAIRS
NETTLES - SCHWARTZ BUILDING &
ARTS AND LETTERS BUILDING**

**ADDRESS: 200 MILLER ROAD
SUMTER, SC 29150**



512 LIMESTONE PT
CHAPIN, SOUTH CAROLINA
EMAIL: CHRIS@WMBECONSULTANTS.COM

702 REGENCY CIRCLE
ANDERSON SOUTH CAROLINA
EMAIL: JEFF@WMBECONSULTANTS.COM

1704 REDWOOD DRIVE
MONCK'S CORNER, SOUTH CAROLINA
EMAIL: JOE@WMBECONSULTANTS.COM

DRAWING LEGEND

- RD ⊗ ROOF DRAIN
- DR □ DECK DRAIN
- OF ▬ OVERFLOW SCUPPER
- ┌┐ PARAPET WALL
- SK □ SKYLIGHT
- VENT WITH ROOF CURB
- UNIT □ MECHANICAL UNIT
- ⊗ CURB MOUNTED EQUIPMENT
- VTR ● VENT THROUGH ROOF
- PP ■ PITCH PAN
- ⊗ A.P. ABANDONED PENETRATION
- ◎ STACK
- N.I.C. NOT IN CONTRACT
- ← SLOPE

SITE LOCATION



NETTLES - SCHWARTZ BUILDING

ARTS & LETTERS BUILDING

**UNIVERSITY OF SOUTH CAROLINA
SUMTER CAMPUS
200 MILLER RD, SUMTER, SC 29150**

SUMMARY OF WORK

- A. THE WORK OF PROJECT IS DEFINED BY THE CONTRACT DOCUMENTS AND CONSISTS OF THE FOLLOWING:
1. BASE BID SCOPE OF WORK INCLUDES SELECTIVE REPAIRS AND PREPARATION TO THE EXISTING SPRAYED IN PLACE POLYURETHANE FOAM ROOF SYSTEMS AT THE SUBJECT FACILITIES AND INSTALLATION OF A SILICONE BASED COATING SYSTEM.

TABLE OF CONTENTS

- R-1.0 COVER PAGE
- R-1.1 OVERALL EXISTING ROOF PLAN NETTLES - SCHWARTZ BLDG.
- R-1.2 NEW ROOF PLAN NETTLES - SCHWARTZ BLDG.
- R-1.3 NEW ROOF PLAN NETTLES - SCHWARTZ BLDG.
- R-1.4 OVERALL EXISTING ROOF PLAN ARTS & LETTER BLDG.
- R-1.5 NEW ROOF PLAN ARTS & LETTER BLDG.
- R-1.6 NEW ROOF PLAN ARTS & LETTER BLDG.
- D-1.1 DETAILS
- D-1.2 DETAILS
- D-1.3 DETAILS
- D-1.4 DETAILS

PROJECT NUMBER: 2016-77

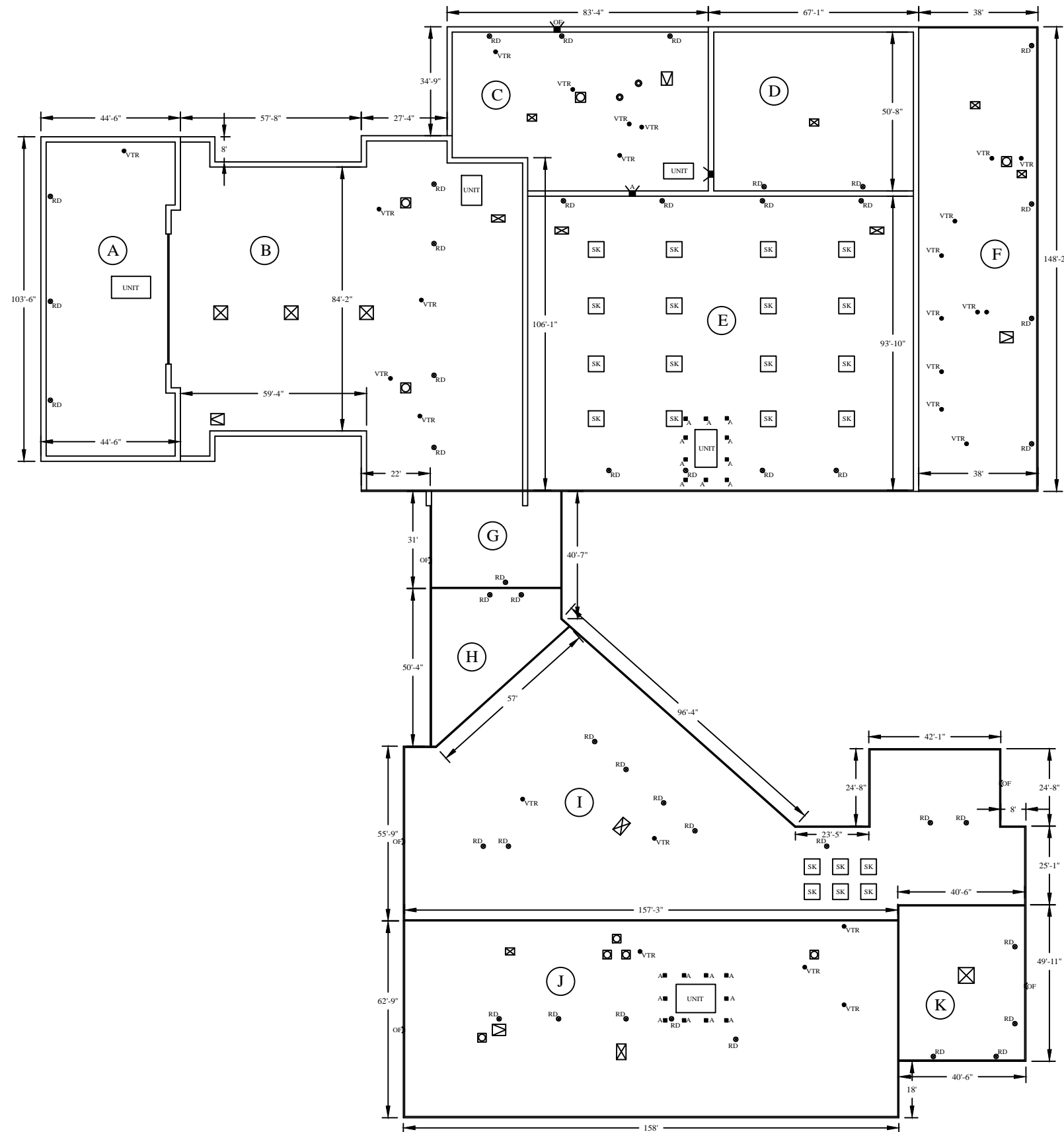
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DATE: 4-25-2017

COVER PAGE

PAGE:

R-1.0



OVERALL EXISTING ROOF PLAN
NETTLES - SCHWARTZ BUILDING
 NOT TO SCALE



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USC SUMTER ROOF REPAIRS
NETTLES - SCHWARTZ BUILDING &
ARTS AND LETTERS BUILDING

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SUMTER, SC 29150

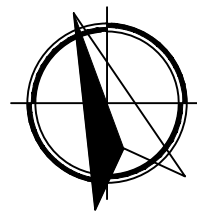


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NORTH



PROJECT NUMBER: 2016-77

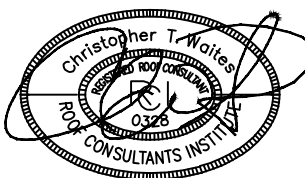
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DATE: 5-15-2017

OVERALL EXISTING
ROOF PLAN

PAGE:

R-1.1



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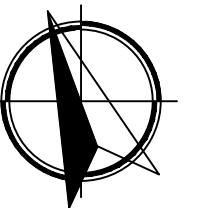


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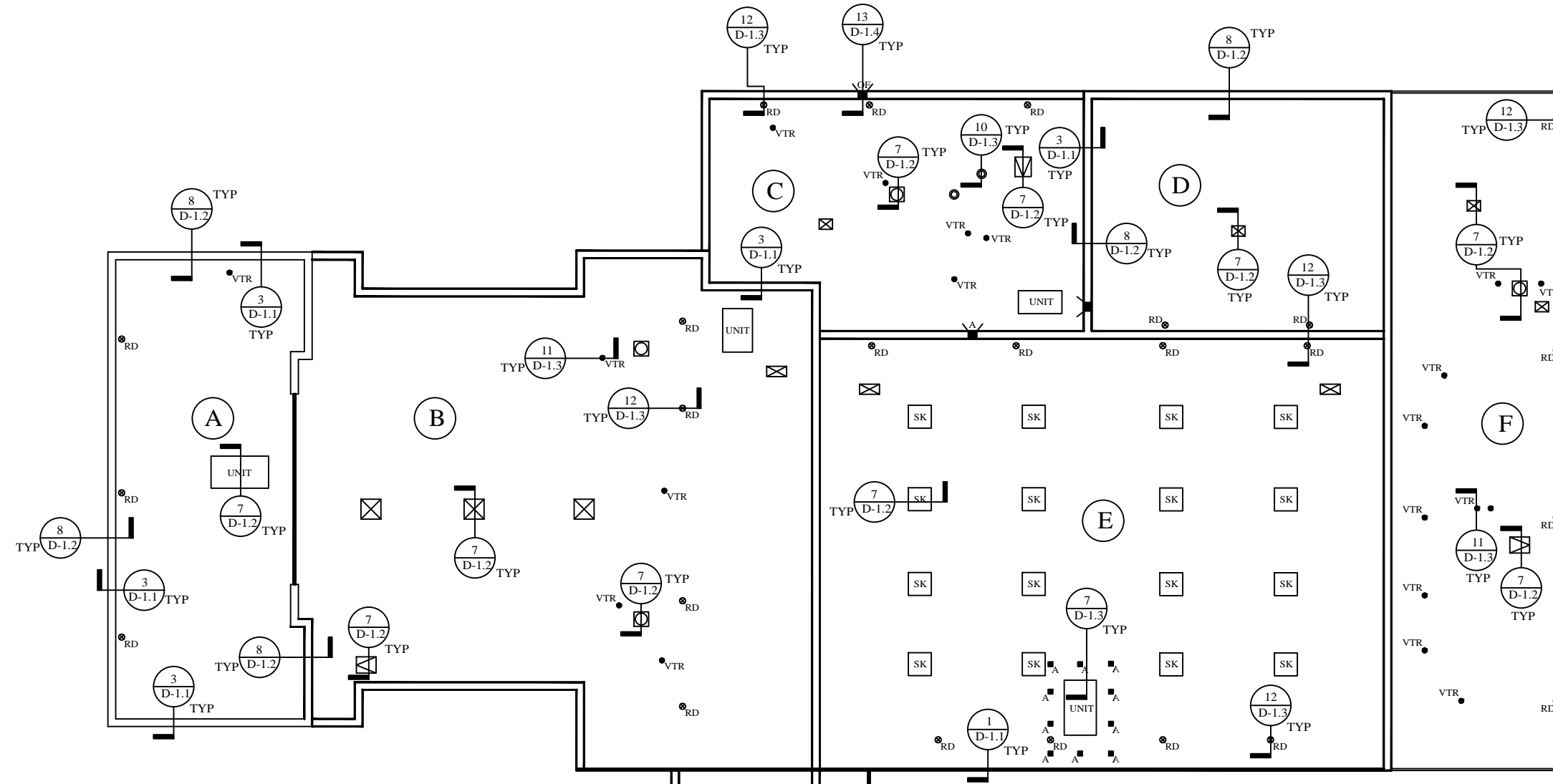
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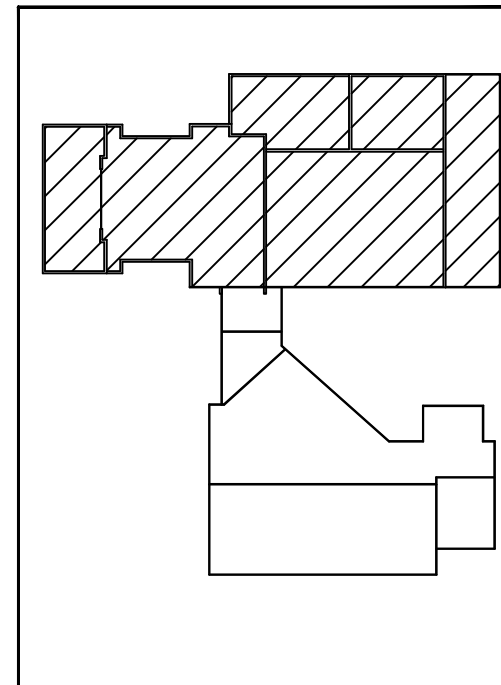
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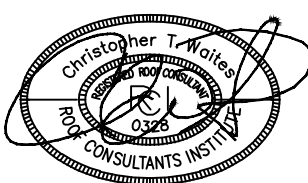
SHEET_3_OF_11



NEW ROOF PLAN
(NETTLES - SCHWARTZ BUILDING)
SCALE: 1" = 30'



KEY PLAN



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USC SUMTER ROOF REPAIRS
NETTLES - SCHWARTZ BUILDING &
ARTS AND LETTERS BUILDING

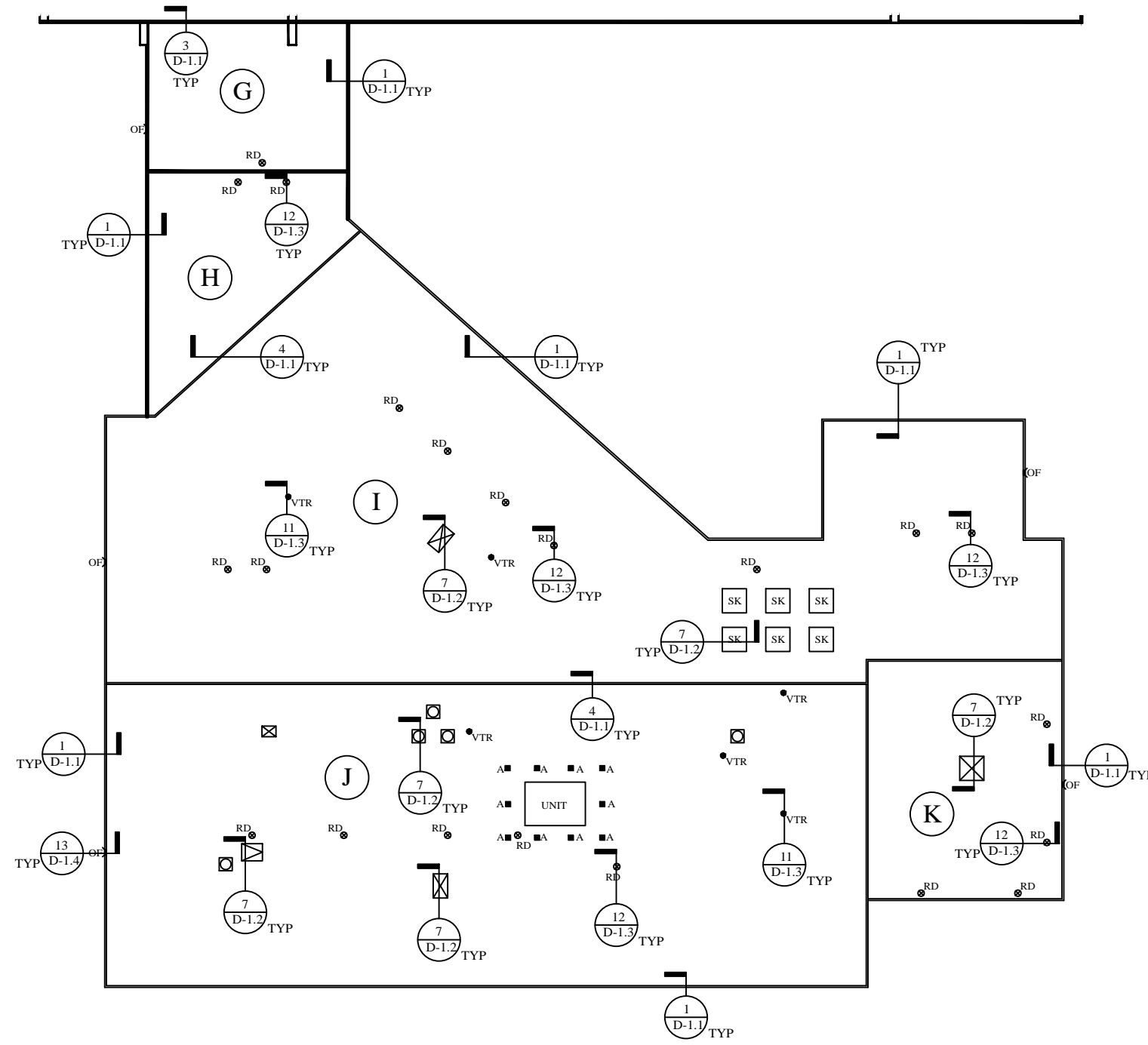
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SUMTER, SC 29150



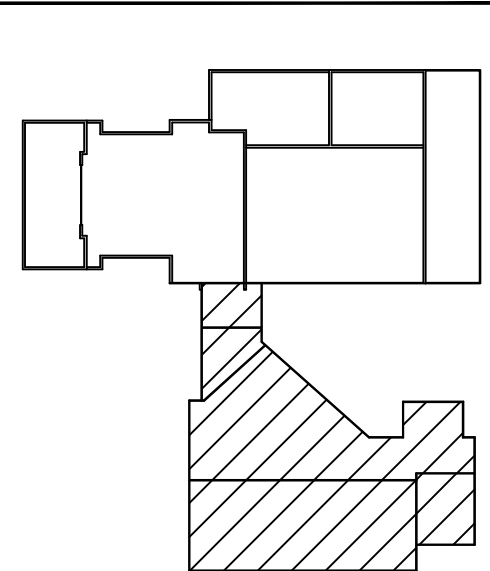
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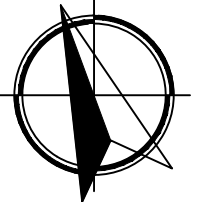


NEW ROOF PLAN
(NETTLES - SCHWARTZ BUILDING)
SCALE: 1" = 30'



KEY PLAN

NORTH



PROJECT NUMBER: 2016-77

DESIGN DEVELOPMENT

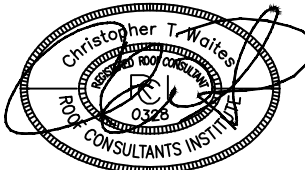
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NEW ROOF PLAN

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USC SUMTER ROOF REPAIRS
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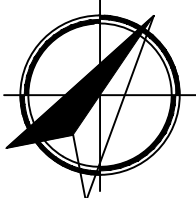


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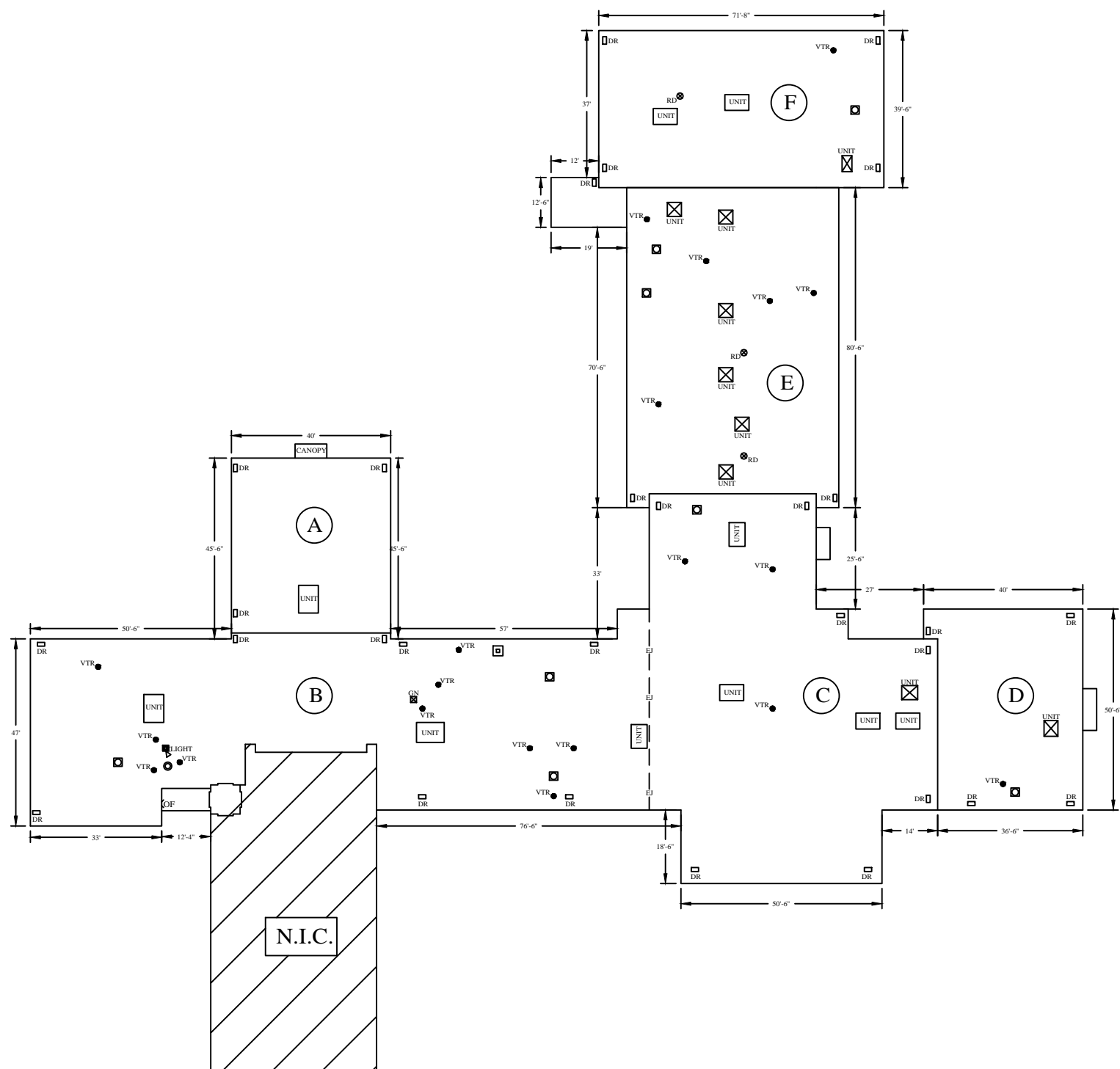
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OVERALL EXISTING
ROOF PLAN

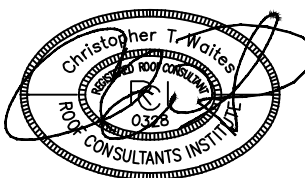
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OVERALL EXISTING ROOF PLAN
ARTS & LETTERS BUILDING
NOT TO SCALE



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NETTLES - SCHWARTZ BUILDING &
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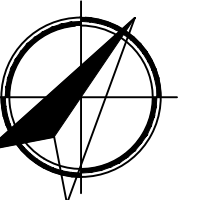


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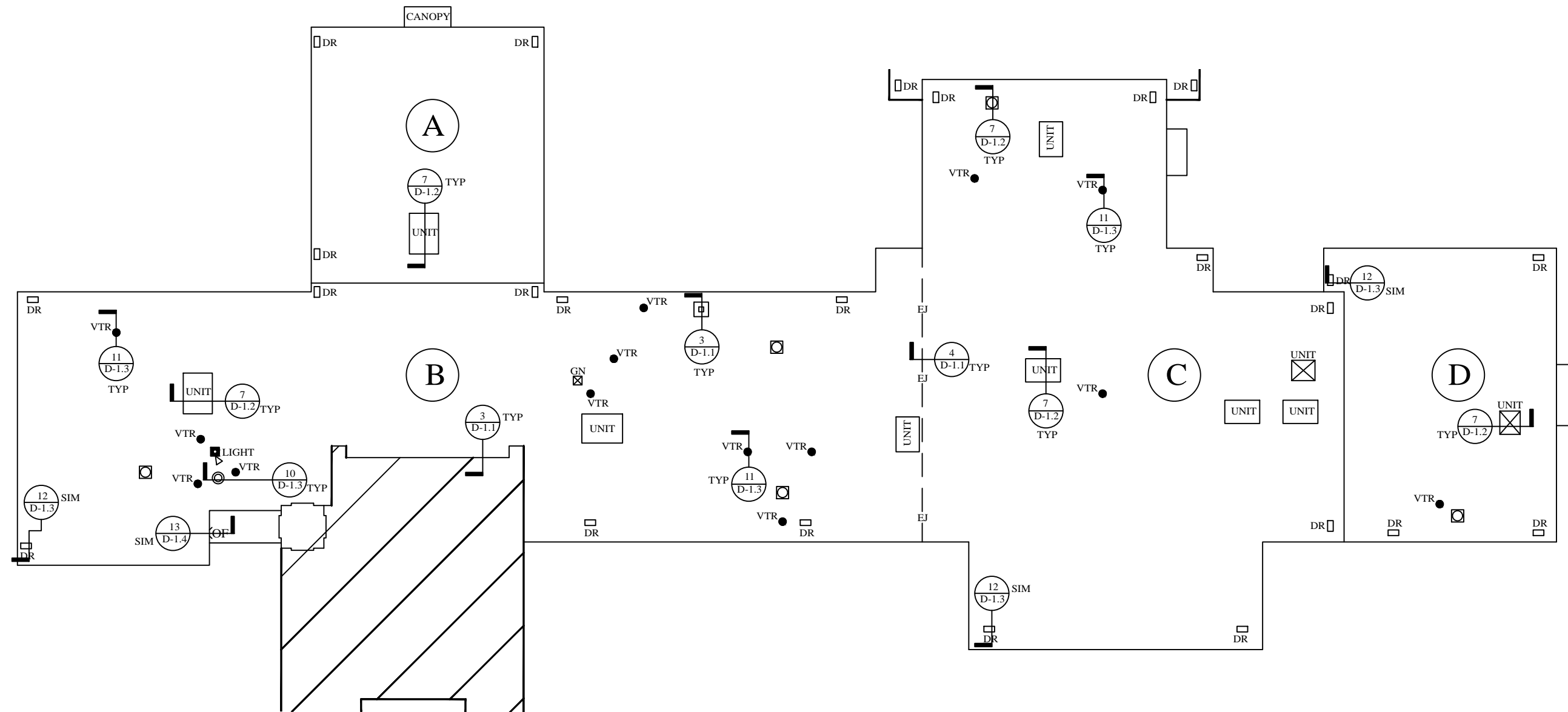
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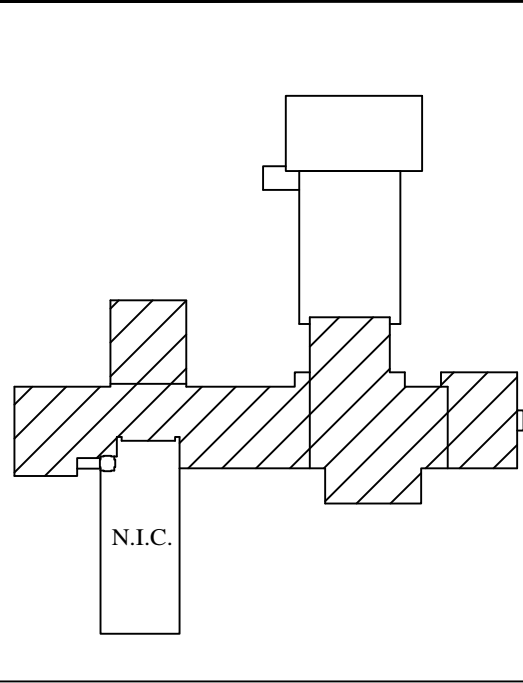
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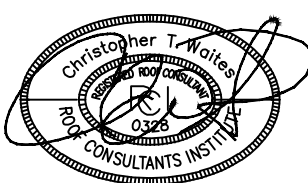
SHEET_6_OF_11



NEW ROOF PLAN
(ARTS & LETTERS BUILDING)
SCALE: 1" = 20'



KEY PLAN



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NETTLES - SCHWARTZ BUILDING &
ARTS AND LETTERS BUILDING

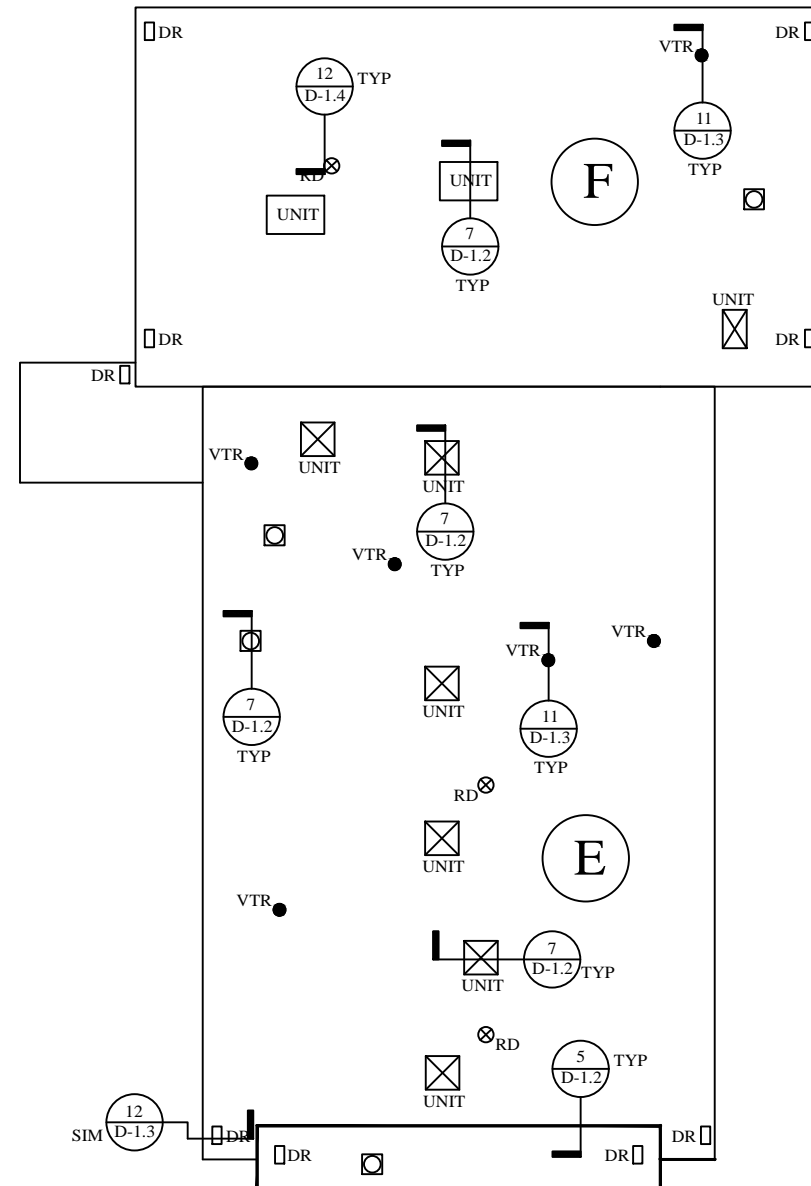
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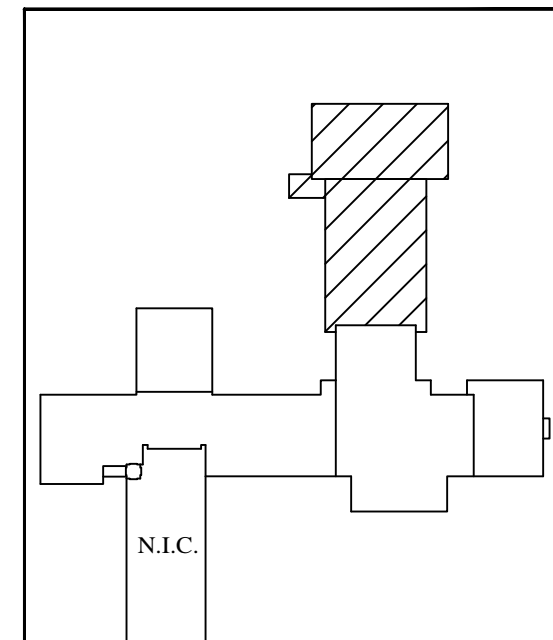
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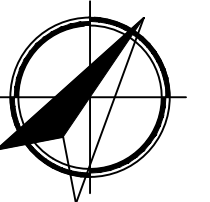


NEW ROOF PLAN
(ARTS & LETTERS BUILDING)
SCALE: 1" = 20'



KEY PLAN

NORTH



PROJECT NUMBER: 2016-77

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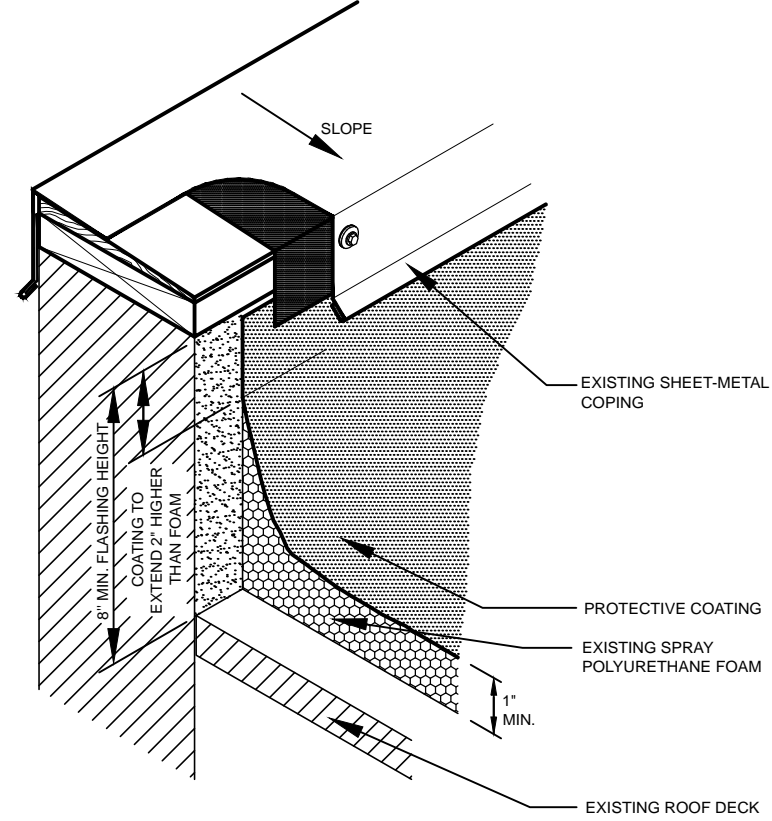
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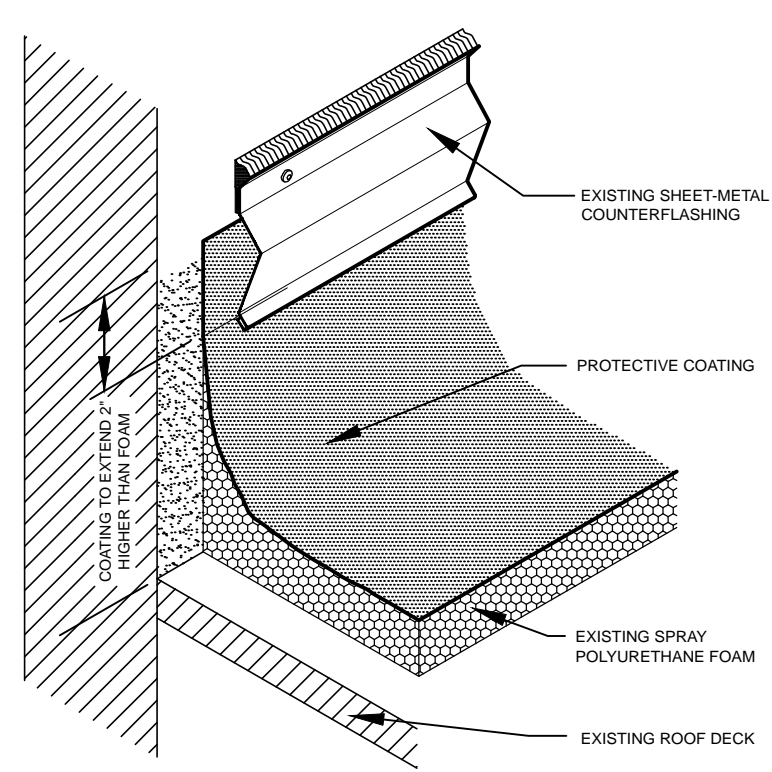
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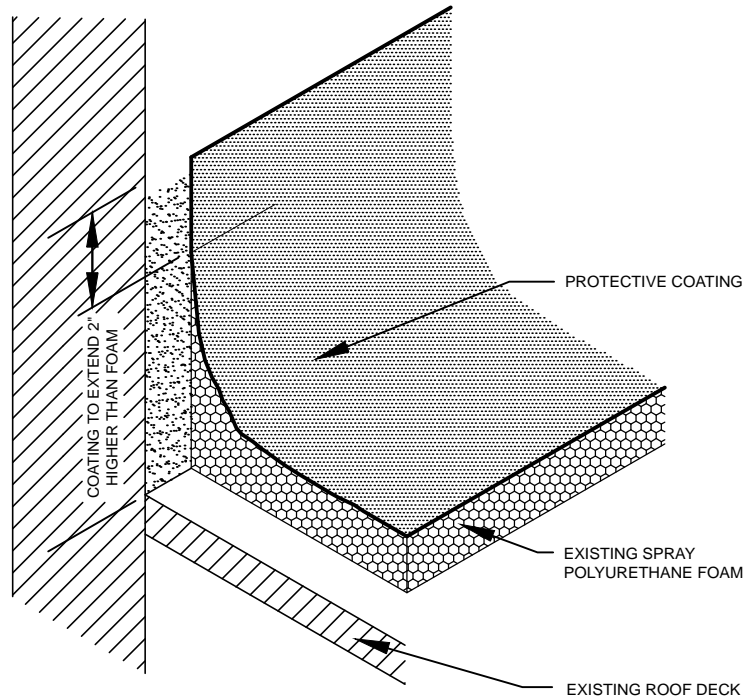
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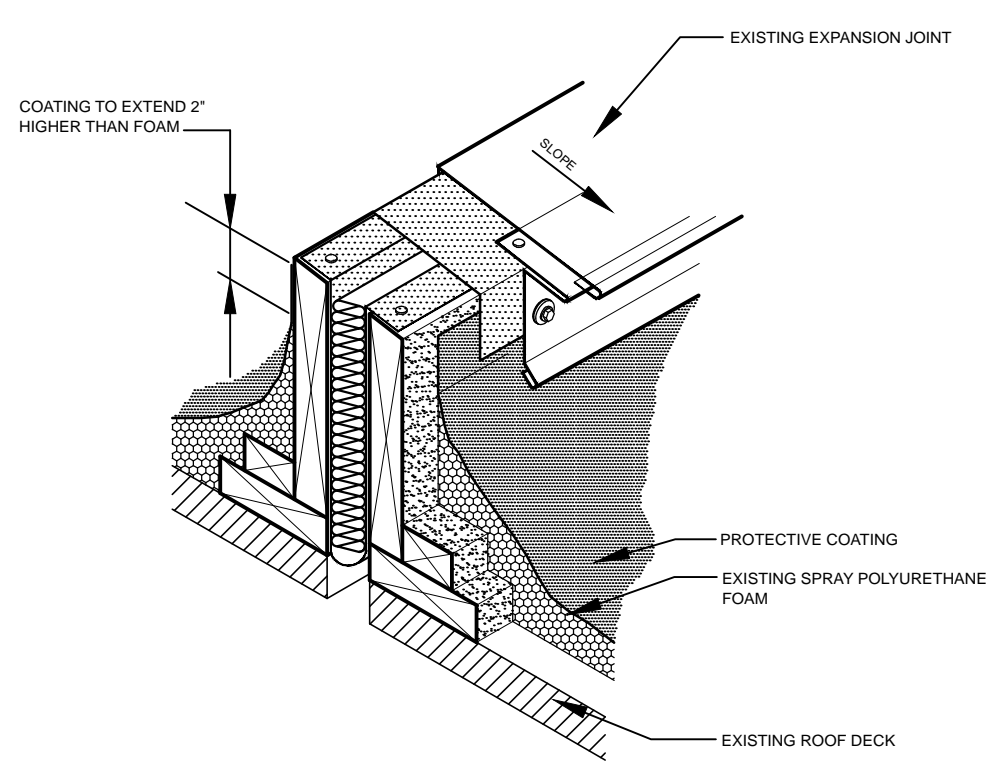
PARAPET WALL WITH COPING
DETAIL 1 / D1.1



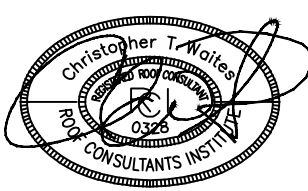
BASE FLASHING WITH COUNTERFLASHING
DETAIL 2 / D1.1



BASE FLASHING AT WALL
DETAIL 3 / D1.4



BASE FLASHING @ EXPANSION JOINT
DETAIL 4 / D1.1



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USC SUMTER ROOF REPAIRS
NETTLES - SCHWARTZ BUILDING & ARTS AND LETTERS BUILDING

ADDRESS: 200 MILLER ROAD
SUMTER, SC 29150

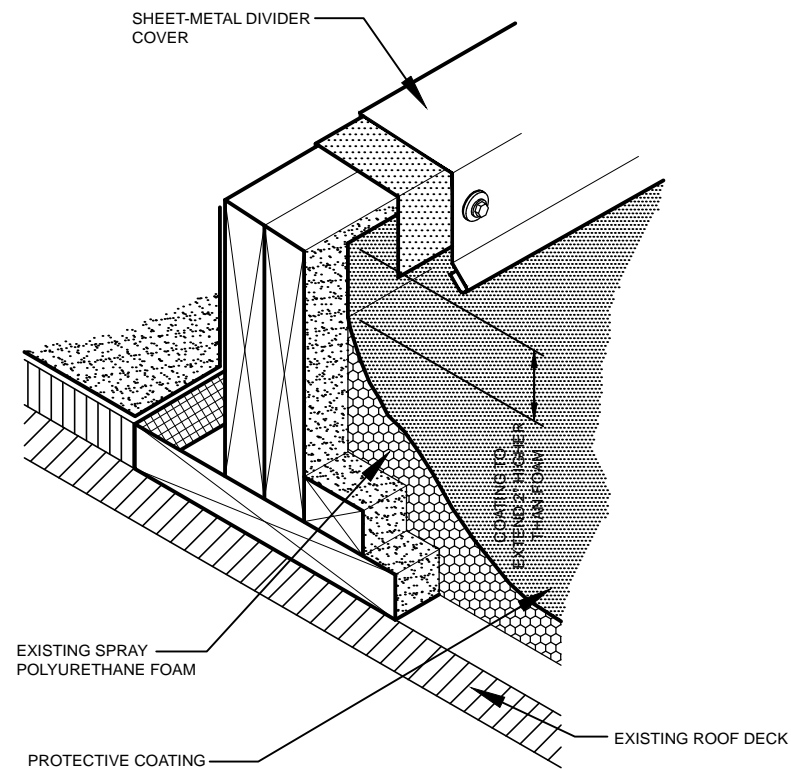


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PROJECT NUMBER: 2016-77
 DESIGN DEVELOPMENT
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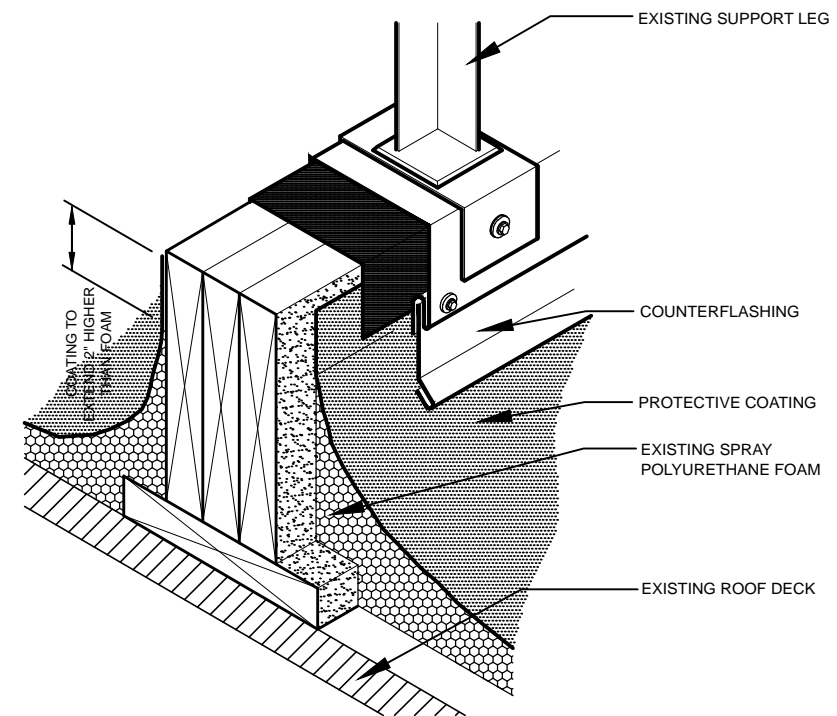
DETAILS
 (NOT O SCALE)

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BASE LASHING AT AREA DIVIDER

DETAIL 5 / D1.2



BASE FLASHING AT EQUIPMENT SUPPORT

DETAIL 6 / D1.2

**USC SUMTER ROOF REPAIRS
NETTLES - SCHWARTZ BUILDING &
ARTS AND LETTERS BUILDING**

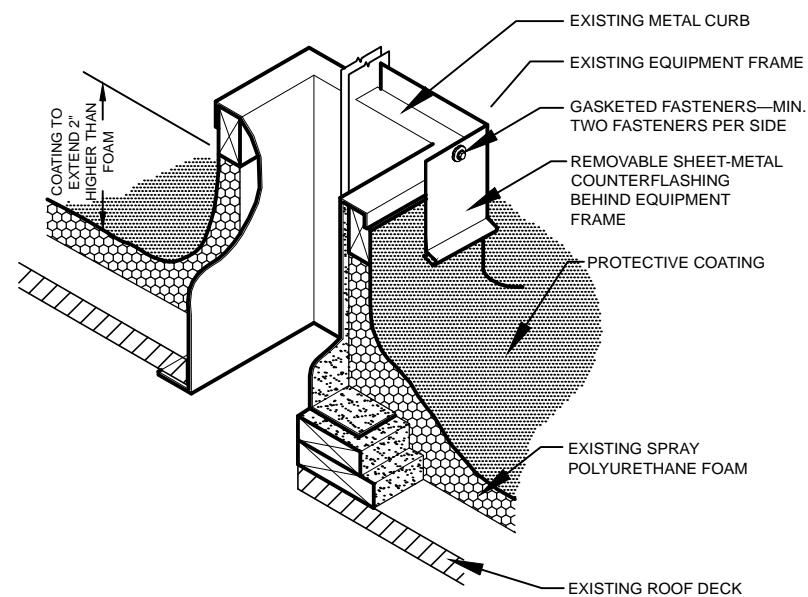
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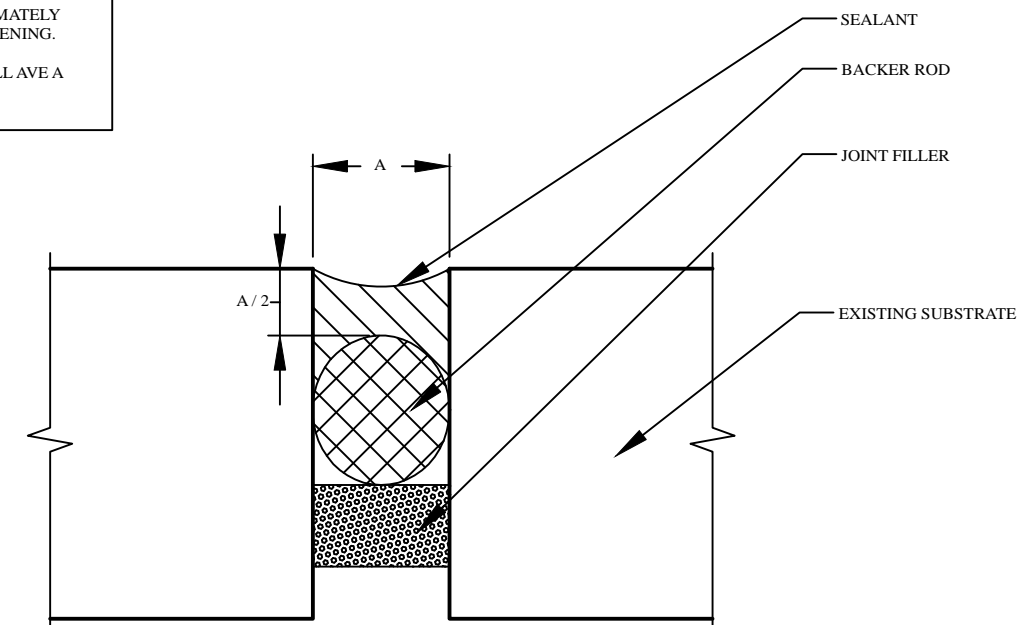


BASE FLASHING AT ROOF CURB

DETAIL 7 / D1.2

NOTES:

1. SEALANT DEPTH & WIDTH MUST BE A MINIMUM OF 1/4".
2. BACKER ROD TO BE APPROXIMATELY 25% LARGER THAN JOINT OPENING.
3. JOINTS WIDER THAN 1" SHALL HAVE A DEPTH OF 1/2" MAXIMUM.



SEALANT JOINT DETAIL

DETAIL 8 / D1.2

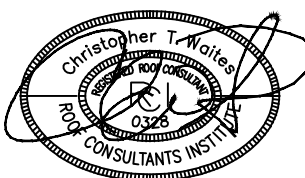
PROJECT NUMBER: 2016-77

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**DETAILS
(NOT TO SCALE)**

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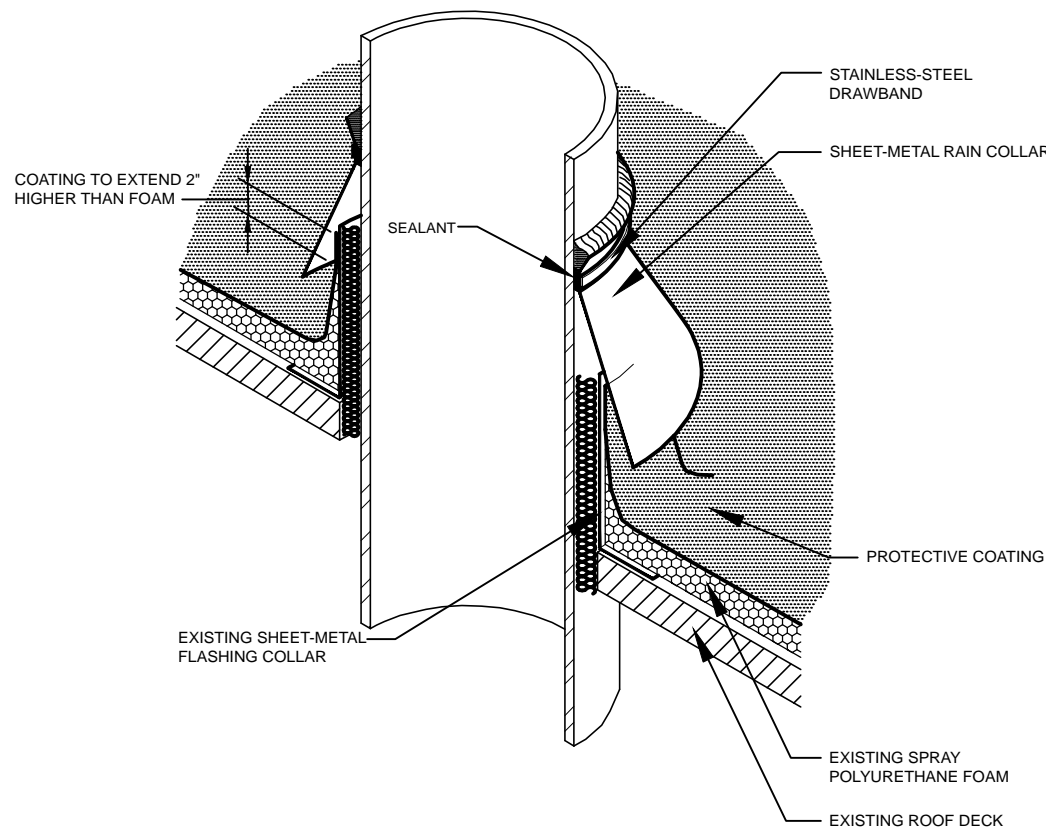
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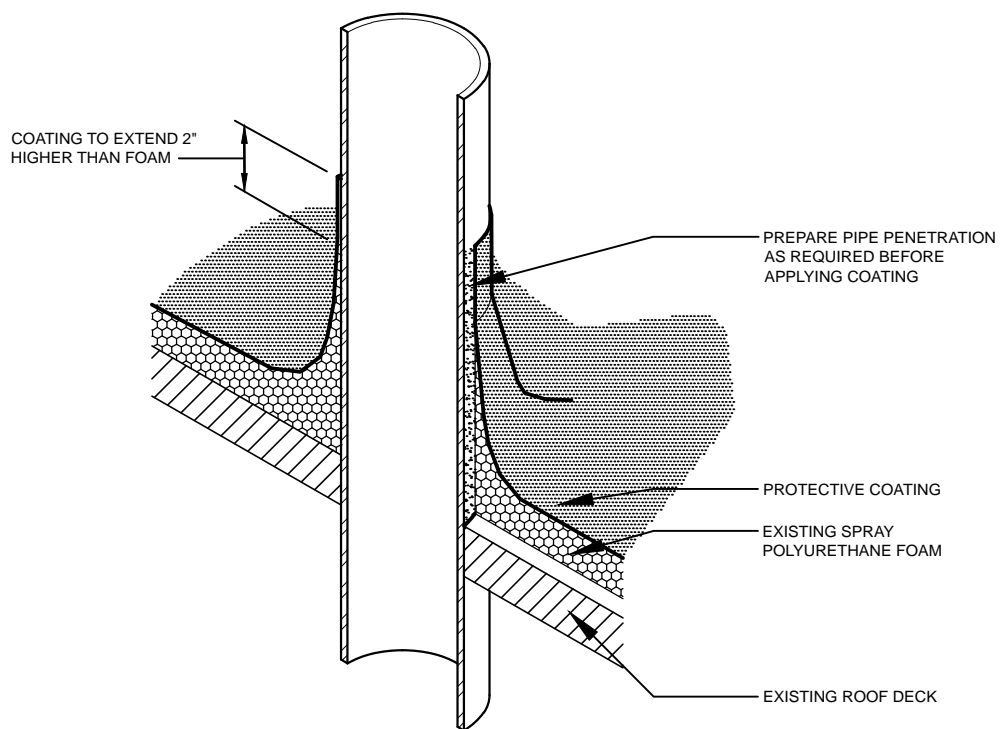
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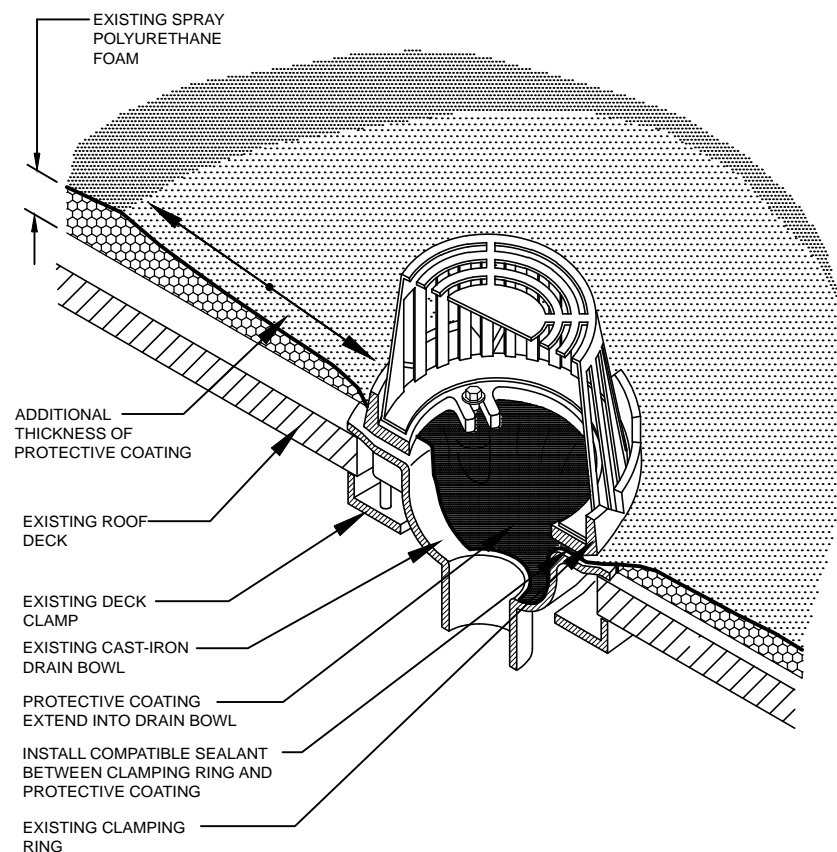
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SHEET METAL STACK
DETAIL 10 / D1.3

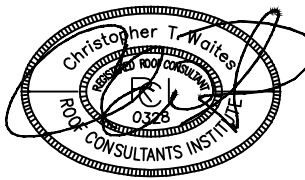


VTR / PIPE PENETRATION
DETAIL 11 / D1.3



ROOF DRAIN
DETAIL 12 / D1.3

INTENTIONALLY LEFT BLANK
DETAIL 9 / D1.3



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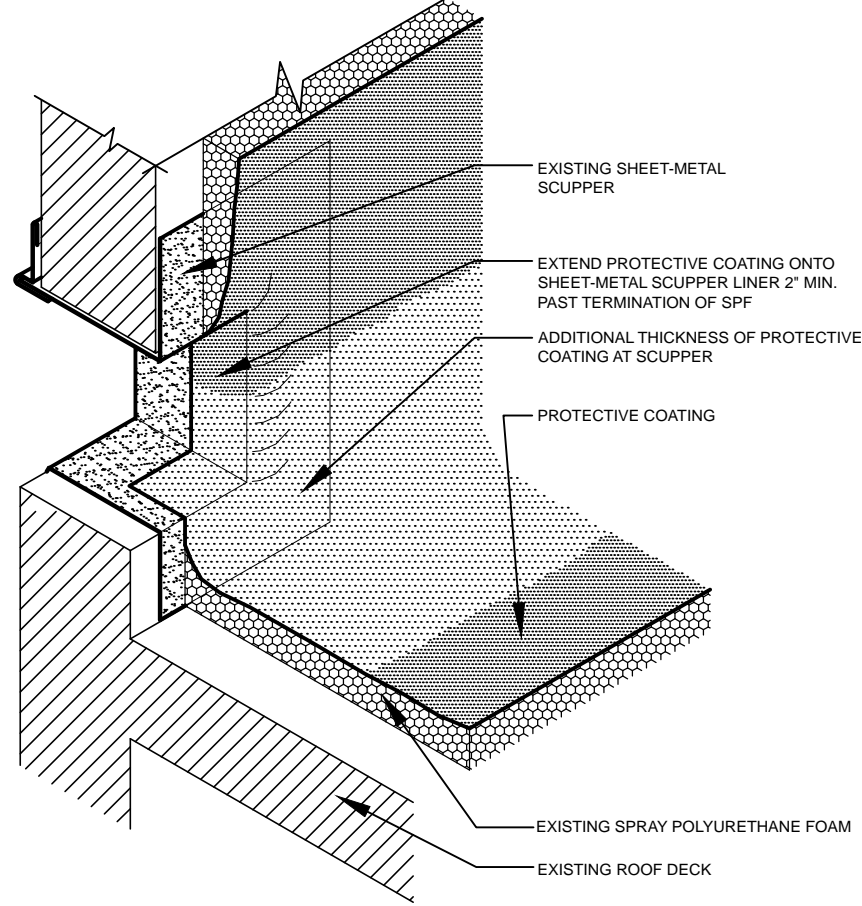
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DETAILS
(NOT O SCALE)

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SHEET 11 OF 11



OVERFLOW SCUPPER
DETAIL 13 / D1.4

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DETAIL 14 / D1.4

INTENTIONALLY LEFT BLANK
DETAIL 15 / D1.4

INTENTIONALLY LEFT BLANK
DETAIL 16 / D1.4