

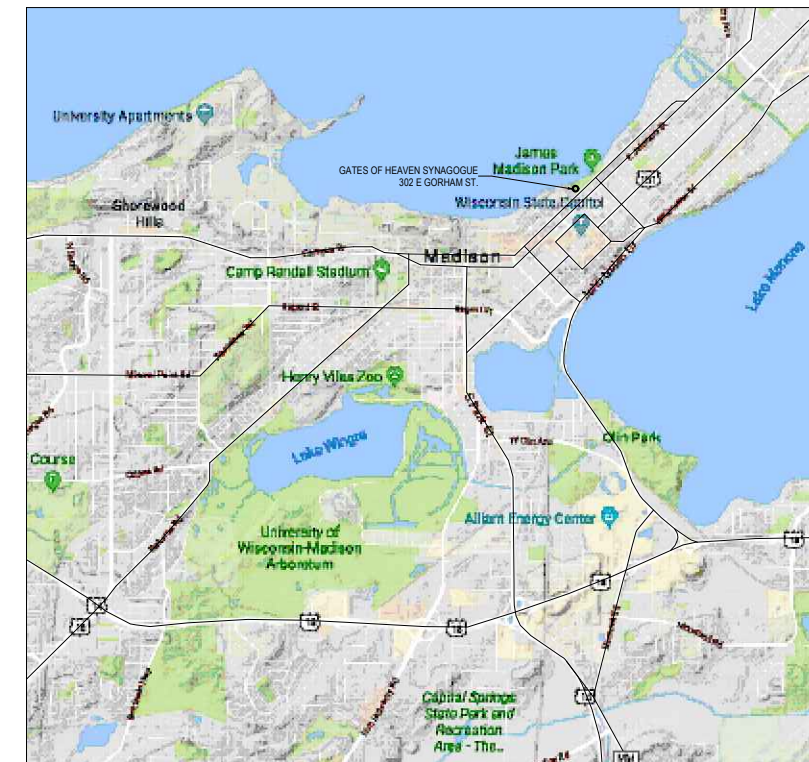
GATES OF HEAVEN - ROOF REPLACEMENT

302 E GORHAM ST. MADISON, WI 53703

CONTRACT #: 8160 PROJECT #: 17473

CITY OF MADISON
 DEPT OF PUBLIC WORKS
 ENGINEERING DIVISION
 CITY COUNTY BLDG RM 115
 210 MARTIN LUTHER KING JR BLVD
 MADISON, WI 53703
 PHONE: 608-265-4751

SHEET LIST	
Sheet #	Sheet Title
T000	Cover Sheet
AD100	Roof Demo Plan
A101	New Roof Plan
A102	Roof Plan - Ventilation
A200	South Elevation
A201	North Elevation
A202	West Elevation
A300	Isometric Detail Views
A301	Ridge and Chimney Detail
A302	Flashing Detail
A303	Roof Transition Details
A304	Ridge - Eave Detail



PROJECT LOCATION

NOT TO SCALE

GATES OF HEAVEN - ROOF REPLACEMENT
 302 E GORHAM ST.
 MADISON, WI 53703

CONTRACT # 8160
 MUNIS # 17473
 DRWN BY: LAW
 DATE 03/27/18
 REV:

COVER SHEET
 SHT
T000



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ENGINEERING DIVISION
CITY COUNTY BLDG RM 115
100 NORTH LUTHER KING JR BLVD
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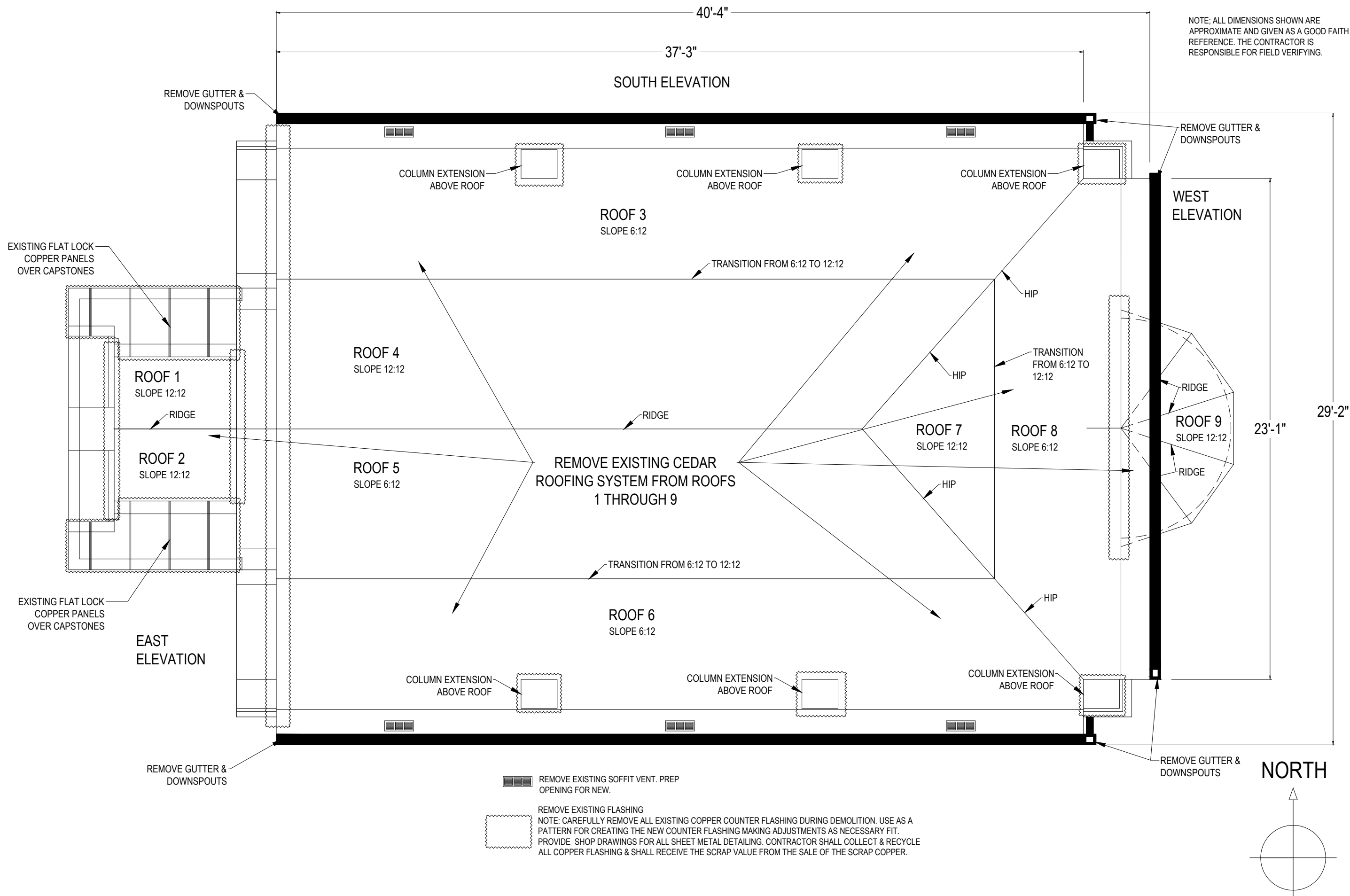
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MADISON, WI 53703

CONTRACT
8160
MUNIS
17473
DRWN BY: LAW
DATE 03/27/18
REV:

ROOF DEMO PLAN

SHT
AD100

NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE AND GIVEN AS A GOOD FAITH REFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING.



REMOVE EXISTING SOFFIT VENT. PREP OPENING FOR NEW.

REMOVE EXISTING FLASHING
NOTE: CAREFULLY REMOVE ALL EXISTING COPPER COUNTER FLASHING DURING DEMOLITION. USE AS A PATTERN FOR CREATING THE NEW COUNTER FLASHING MAKING ADJUSTMENTS AS NECESSARY FIT. PROVIDE SHOP DRAWINGS FOR ALL SHEET METAL DETAILING. CONTRACTOR SHALL COLLECT & RECYCLE ALL COPPER FLASHING & SHALL RECEIVE THE SCRAP VALUE FROM THE SALE OF THE SCRAP COPPER.



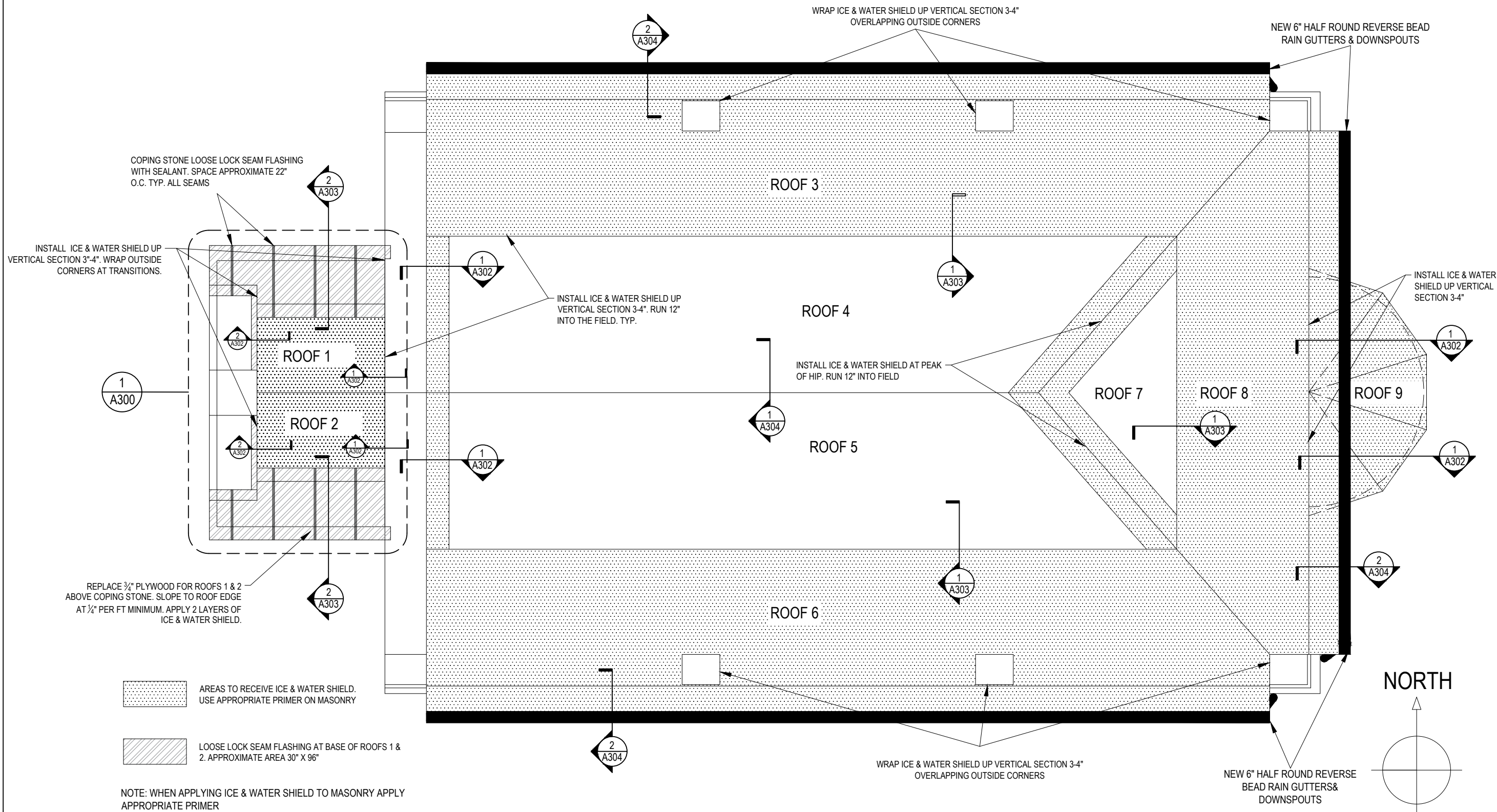
CITY OF MADISON
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REV:

NEW ROOF PLAN

SHT
A101



1
A300

2
A303

1
A302

1
A303

1
A304

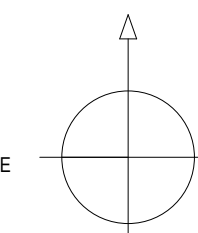
1
A302

2
A303

1
A303

2
A304

2
A304





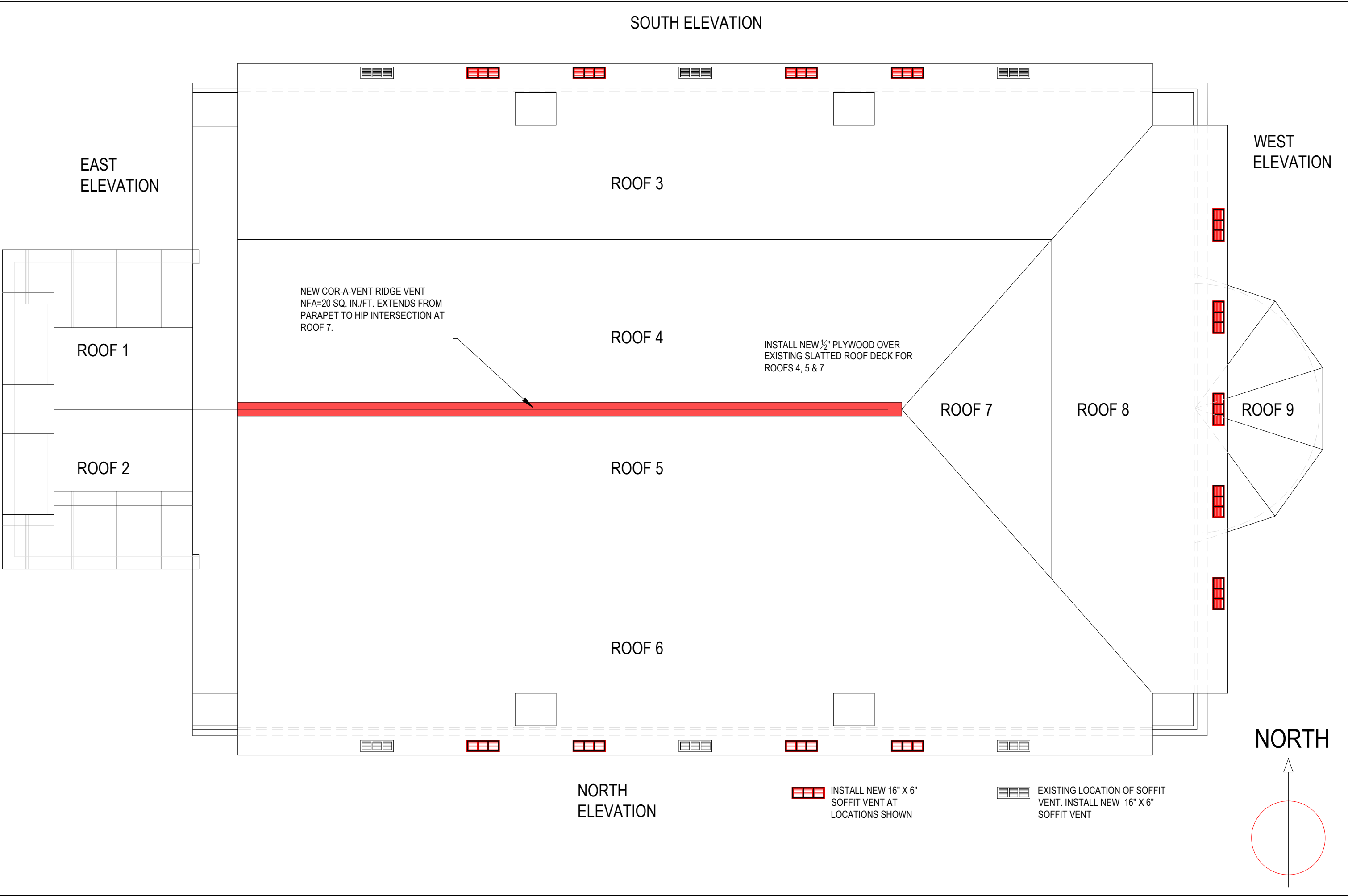
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 CITY COUNTY BLDG RM 115
 150 N. MICHIGAN AVENUE
 MADISON, WI 53703
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GATES OF HEAVEN - ROOF REPLACEMENT
 302 E GORHAM ST.
 MADISON, WI 53703

CONTRACT # 8160
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 DATE 03/27/18
 REV:

ROOF PLAN - VENTILATION

SHT A102

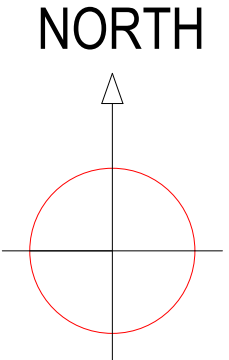


NEW COR-A-VENT RIDGE VENT
 NFA=20 SQ. IN./FT. EXTENDS FROM
 PARAPET TO HIP INTERSECTION AT
 ROOF 7.

INSTALL NEW 1/2" PLYWOOD OVER
 EXISTING SLATTED ROOF DECK FOR
 ROOFS 4, 5 & 7

INSTALL NEW 16" X 6"
 SOFFIT VENT AT
 LOCATIONS SHOWN

EXISTING LOCATION OF SOFFIT
 VENT. INSTALL NEW 16" X 6"
 SOFFIT VENT





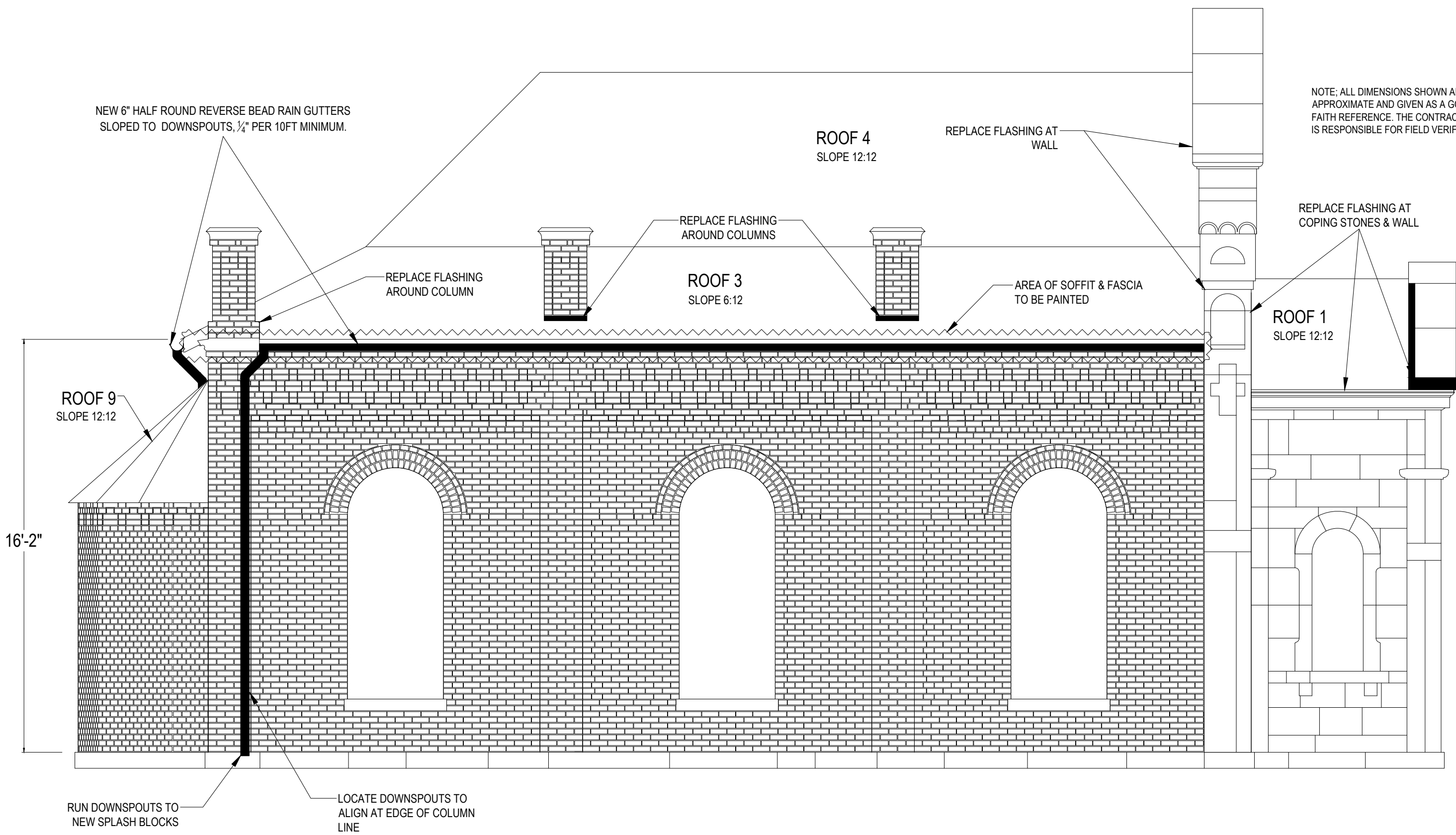
CITY OF MADISON
 DEPT OF PUBLIC WORKS
 ENGINEERING DIVISION
 CITY COUNTY BLDG RM 115
 1000 UNIVERSITY AVENUE
 MADISON, WI 53706
 PHONE: 608/264-4751

GATES OF HEAVEN - ROOF REPLACEMENT
 302 E GORHAM ST.
 MADISON, WI 53703

CONTRACT # 8160
 MUNIS # 17473
 DRWN BY: PBS
 DATE 04/05/18
 REV:

SOUTH ELEVATION

SHT
A200



NEW 6" HALF ROUND REVERSE BEAD RAIN GUTTERS
 SLOPED TO DOWNSPOUTS, 1/4" PER 10FT MINIMUM.

ROOF 4
 SLOPE 12:12

REPLACE FLASHING AT
 WALL

NOTE; ALL DIMENSIONS SHOWN ARE
 APPROXIMATE AND GIVEN AS A GOOD
 FAITH REFERENCE. THE CONTRACTOR
 IS RESPONSIBLE FOR FIELD VERIFYING.

REPLACE FLASHING
 AROUND COLUMNS

ROOF 3
 SLOPE 6:12

AREA OF SOFFIT & FASCIA
 TO BE PAINTED

REPLACE FLASHING AT
 COPING STONES & WALL

ROOF 1
 SLOPE 12:12

ROOF 9
 SLOPE 12:12

16'-2"

RUN DOWNSPOUTS TO
 NEW SPLASH BLOCKS

LOCATE DOWNSPOUTS TO
 ALIGN AT EDGE OF COLUMN
 LINE



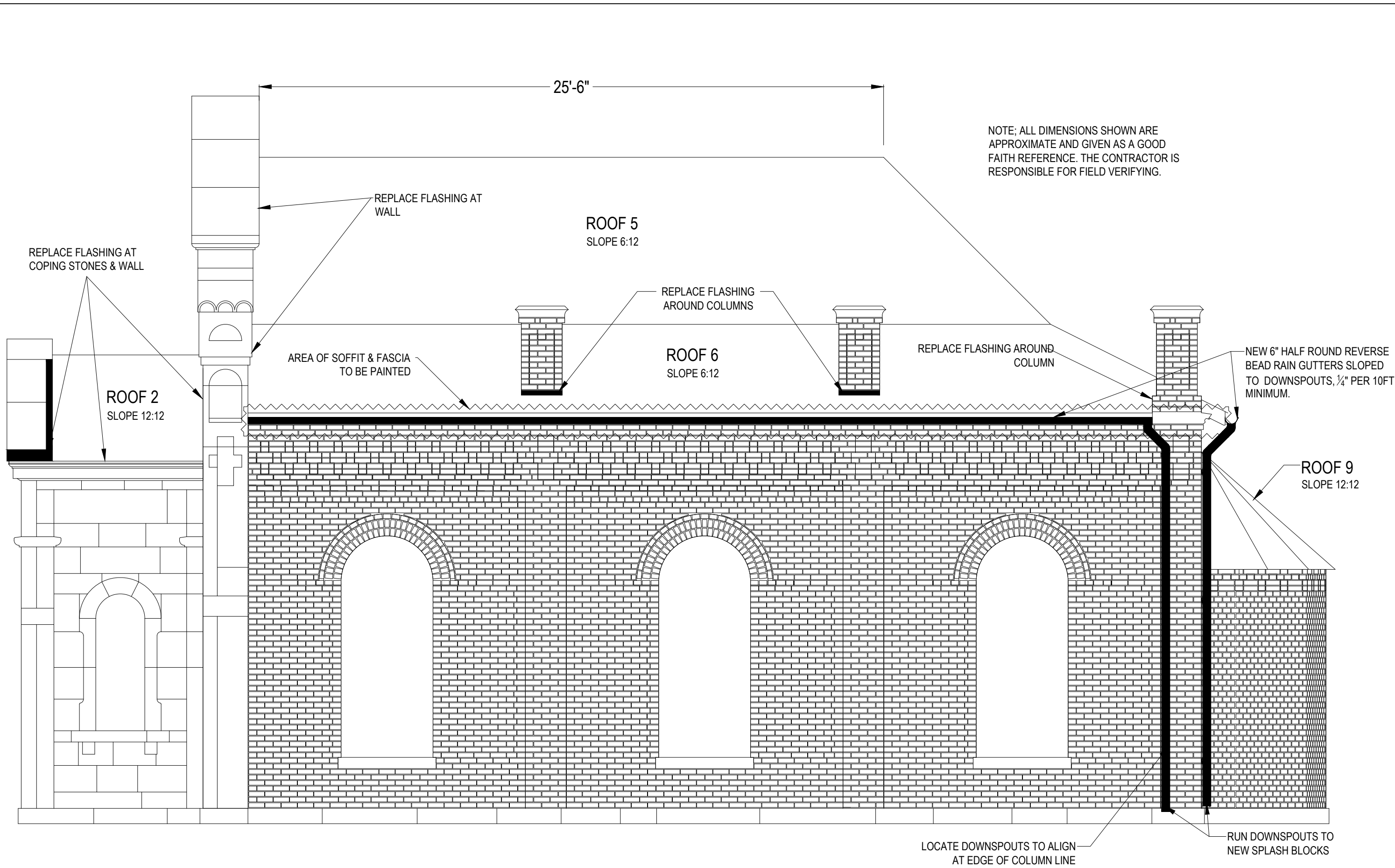
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 CITY COUNTY BLDG RM 115
 100 NORTH LUTHER KING JR BLVD
 MADISON, WI 53703
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GATES OF HEAVEN - ROOF REPLACEMENT
 302 E GORHAM ST.
 MADISON, WI 53703

CONTRACT # 8160
 MUNIS # 17473
 DRWN BY: LAW
 DATE 03/27/18
 REV:

NORTH ELEVATION

SHT
A201



NOTE: ALL DIMENSIONS SHOWN ARE APPROXIMATE AND GIVEN AS A GOOD FAITH REFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING.

25'-6"

REPLACE FLASHING AT COPING STONES & WALL

REPLACE FLASHING AT WALL

ROOF 5
SLOPE 6:12

REPLACE FLASHING AROUND COLUMNS

ROOF 6
SLOPE 6:12

REPLACE FLASHING AROUND COLUMN

NEW 6" HALF ROUND REVERSE BEAD RAIN GUTTERS SLOPED TO DOWNSPOUTS, 1/4" PER 10FT MINIMUM.

ROOF 2
SLOPE 12:12

AREA OF SOFFIT & FASCIA TO BE PAINTED

ROOF 9
SLOPE 12:12

LOCATE DOWNSPOUTS TO ALIGN AT EDGE OF COLUMN LINE

RUN DOWNSPOUTS TO NEW SPLASH BLOCKS



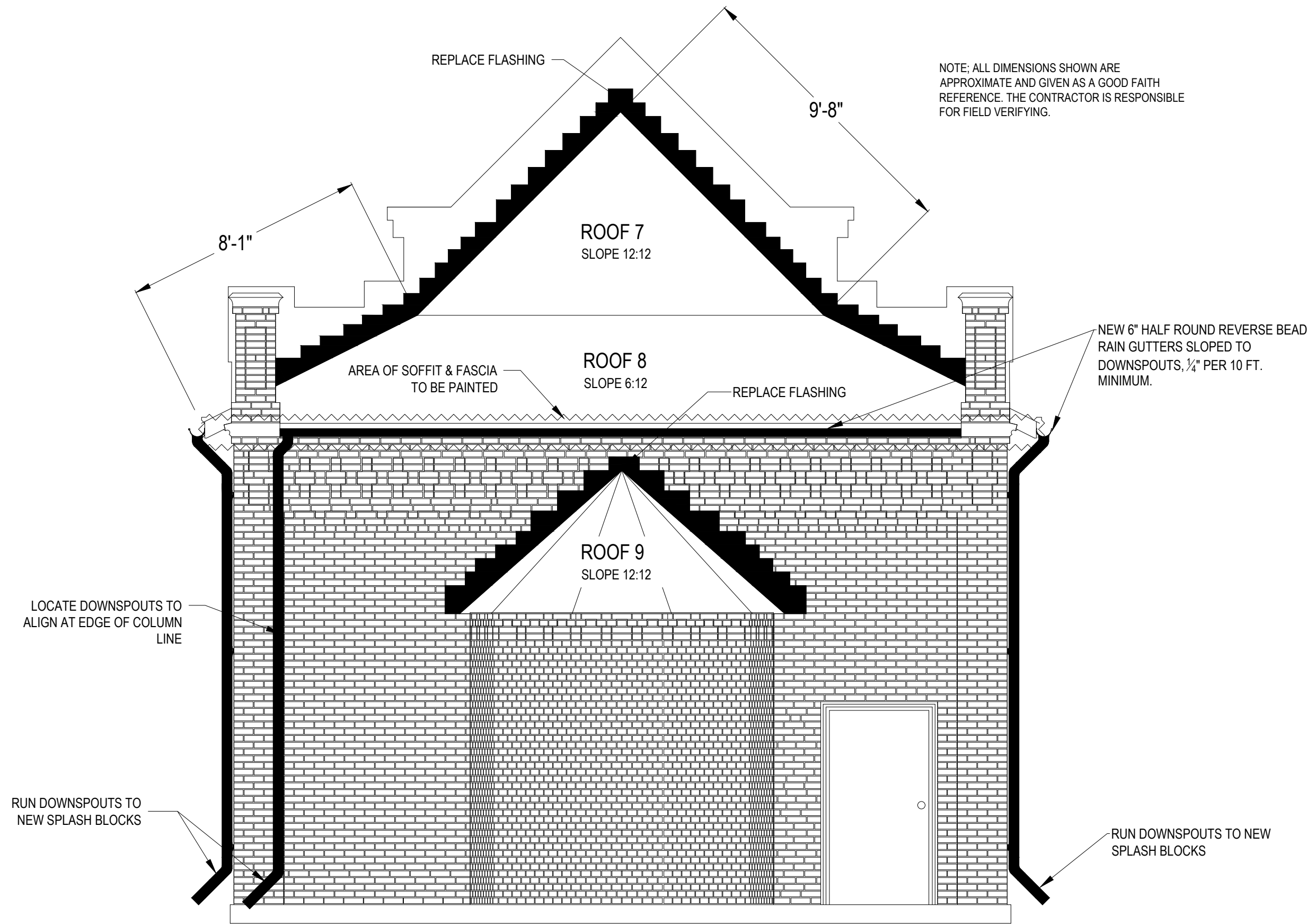
CITY OF MADISON
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 CITY COUNTY BLDG RM 115
 400 W. LUTHER KING JR BLVD
 MADISON, WI 53703
 PHONE: 608/264-4751

GATES OF HEAVEN - ROOF REPLACEMENT
 302 E GORHAM ST.
 MADISON, WI 53703

CONTRACT # 8160
 MUNIS # 17473
 DRWN BY: PBS
 DATE 04/05/18
 REV:

WEST ELEVATION

SHT
A202





CITY OF MADISON
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 CITY COUNTY BLDG RM 115
 400 EAST LUTHER KING JR BLVD
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GATES OF HEAVEN - ROOF REPLACEMENT
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CONTRACT # 8160
 MUNIS # 17473
 DRWN BY: PBS
 DATE 04/05/18
 REV:

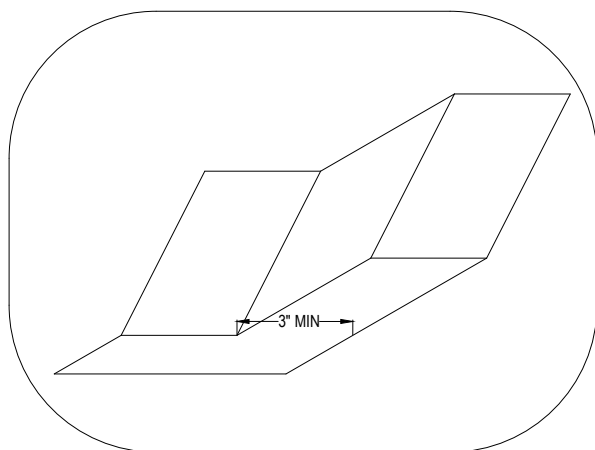
ISOMETRIC DETAIL VIEWS

SHT
A300

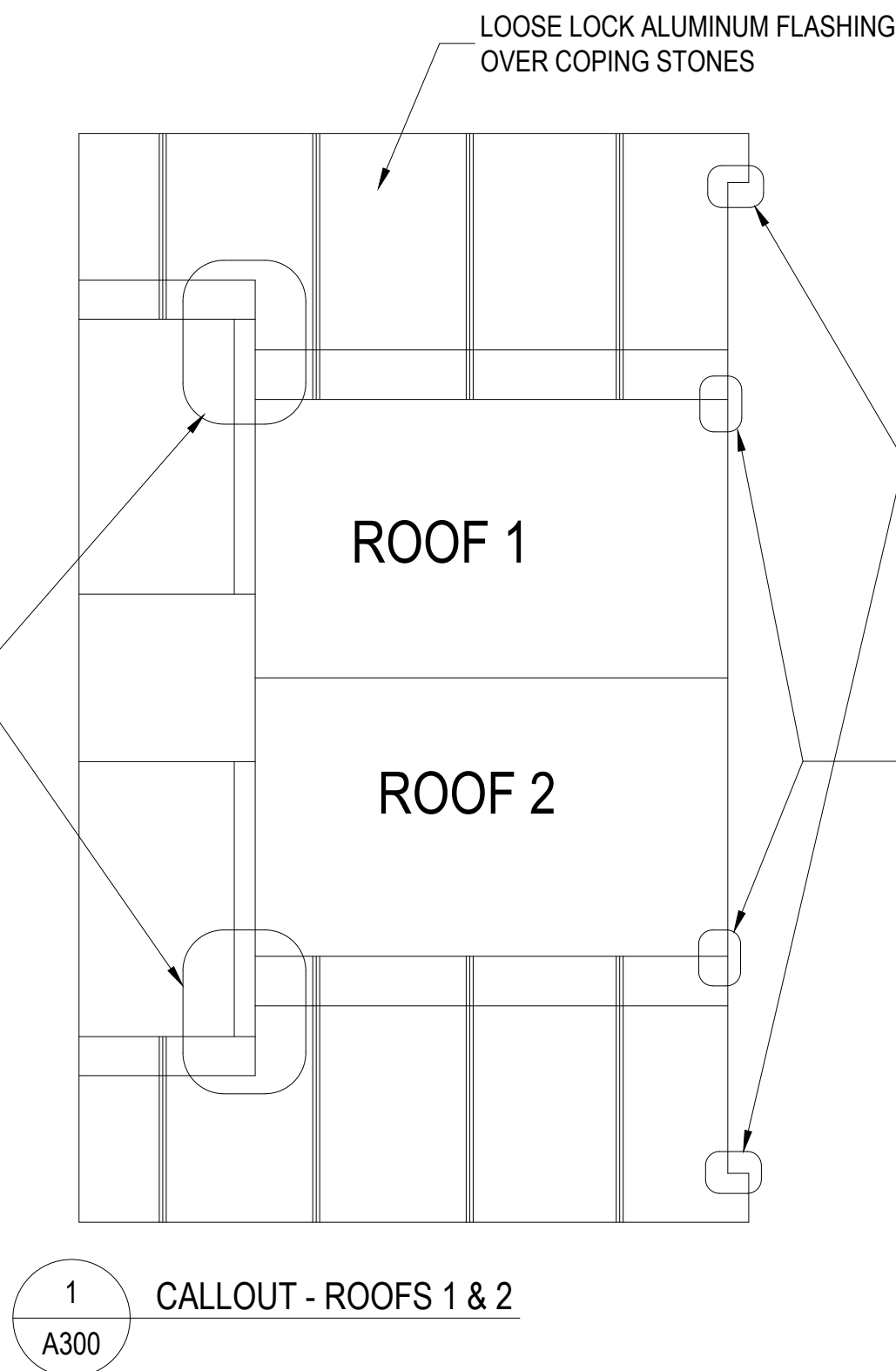
NOTE: FABRICATE & INSTALL STAINLESS STEEL CORNER PANS AT LOCATIONS AS SHOWN. INSTALL AT CORNERS UNDER THE ALUMINUM LOOSE LOCK FLASHING. SEE ISOMETRIC DETAILS.

NOTE: MINIMUM FLANGE DIMENSION FOR CORNER PANS SHALL BE 3"

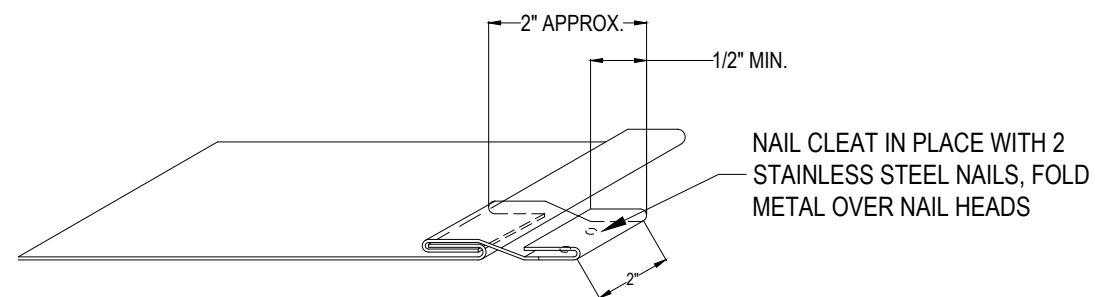
NOTE: FOR LOOSE LOCK SECTION OF ROOFS 1 & 2, PANS SHALL BE EMBEDDED IN NON-HARDENING SEALANT & INSTALLED UNDER THE ALUMINUM COPING STONE FLASHING AT LOCATIONS SHOWN ON DRAWING



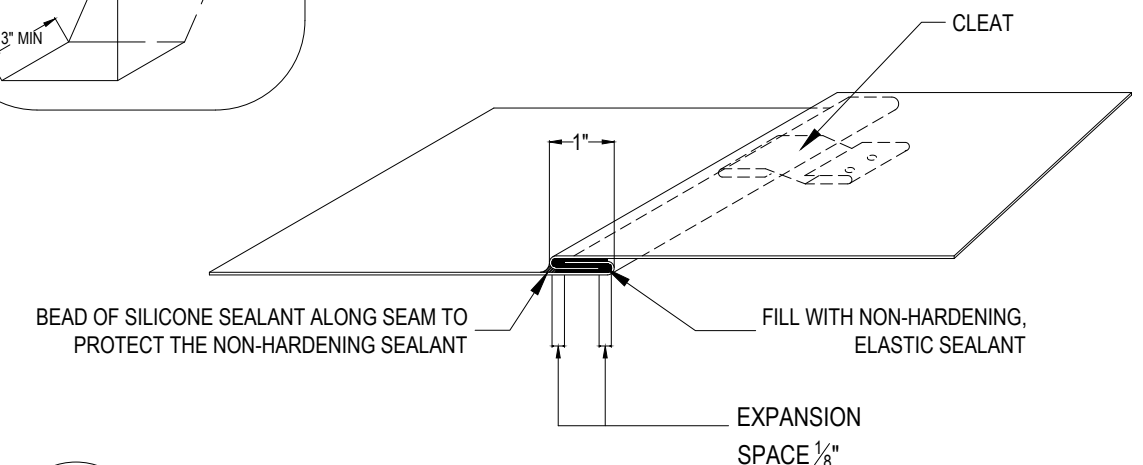
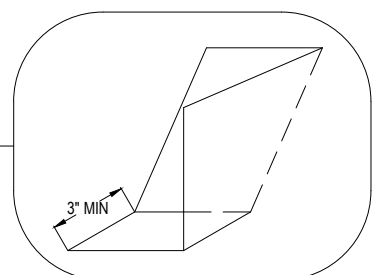
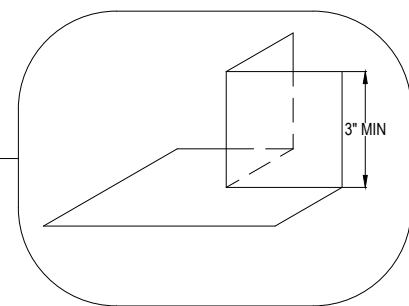
ISOMETRIC VIEWS OF SOLDERED CORNER PANS



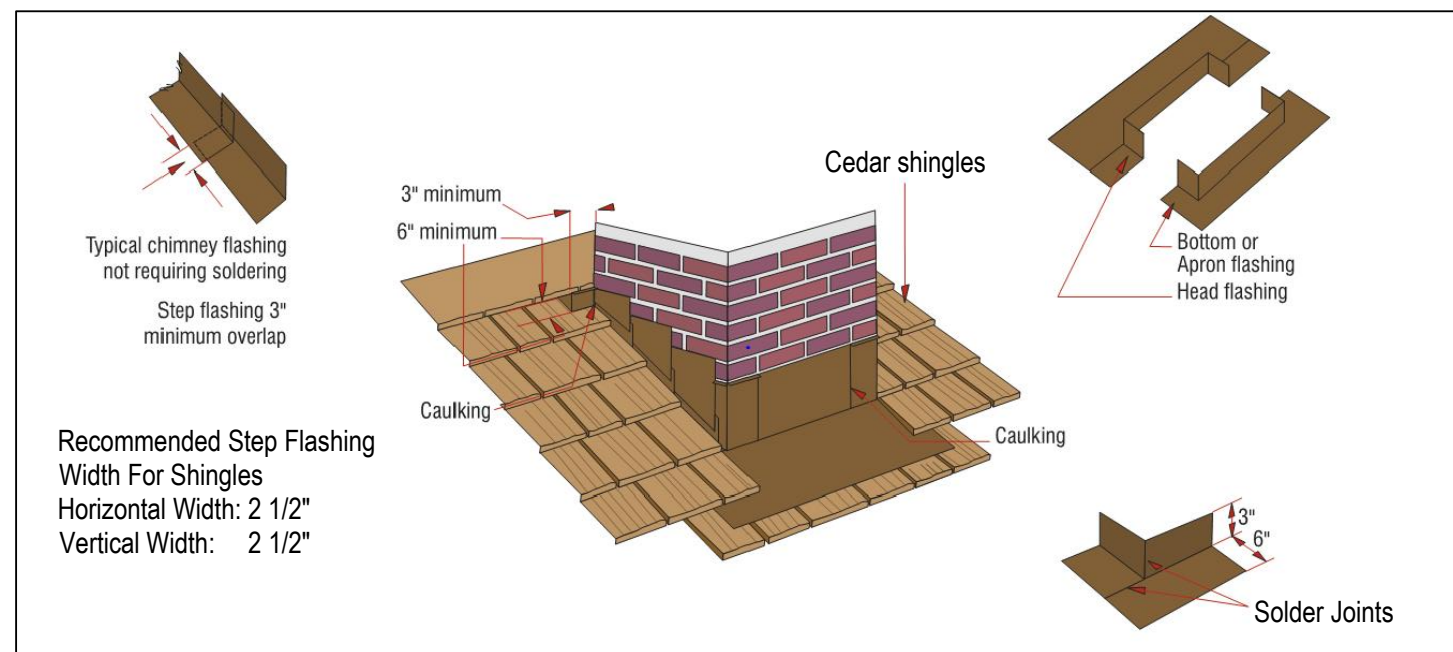
1
 A300
 CALLOUT - ROOFS 1 & 2



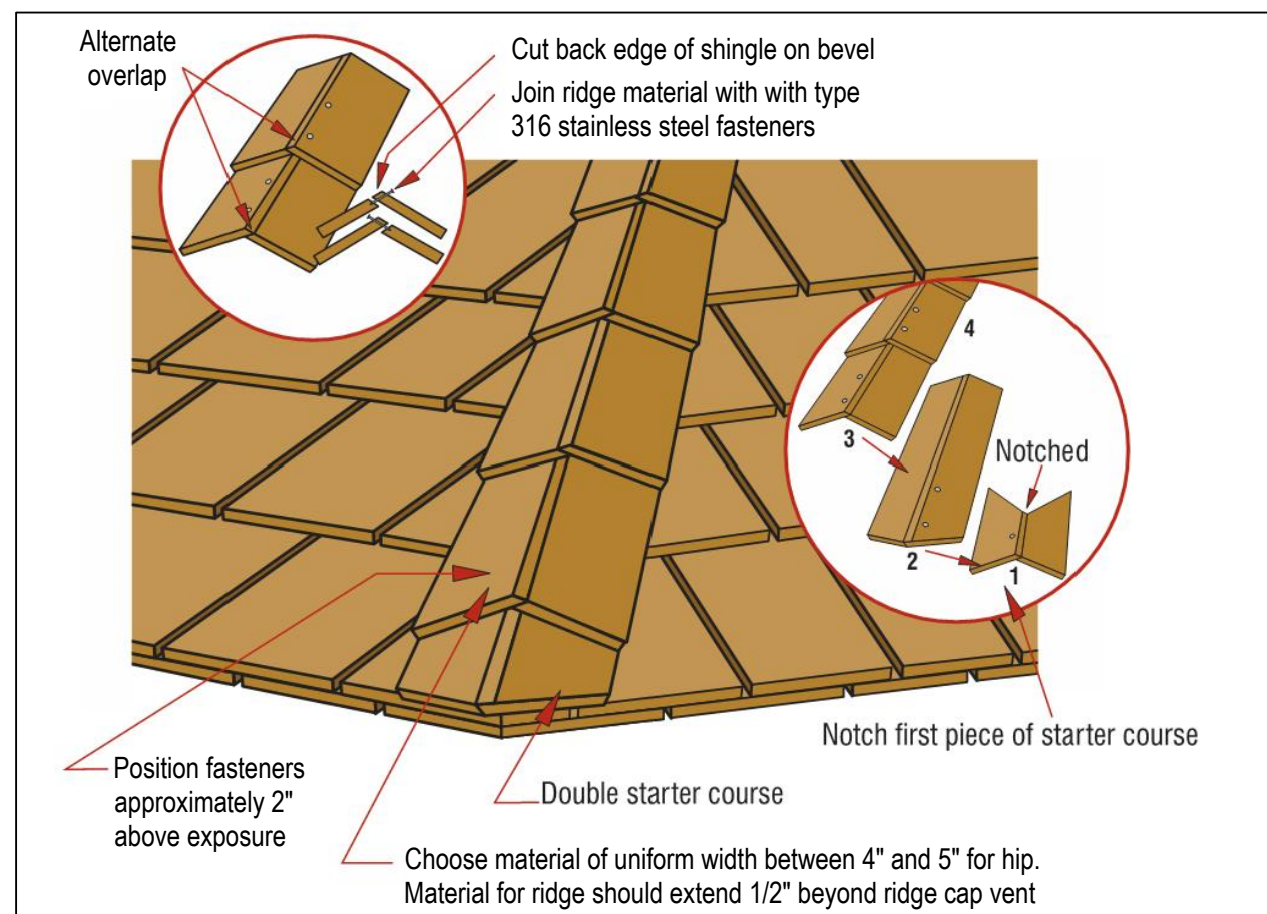
2
 A300
 LOOSE LOCK SEAM WITH CLEAT
 INSTALLED



3
 A300
 LOOSE LOCK SEAM WITH SEALANT



1 TYPICAL PROJECTION FLASHING
SCALE: NO SCALE



2 HIP AND RIDGE DETAIL
SCALE: NO SCALE

CONTRACT	# 8160
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DRWN BY:	PBS
DATE	04/05/18
REV:	

RIDGE & CHIMNEY
DETAIL

SHT
A301



CITY OF MADISON
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ENGINEERING DIVISION
CITY COUNTY BLDG RM 115
1000 UNIVERSITY AVENUE
MADISON, WI 53706
PHONE: 608/264-4751

GATES OF HEAVEN - ROOF REPLACEMENT
302 E GORHAM ST.
MADISON, WI 53703

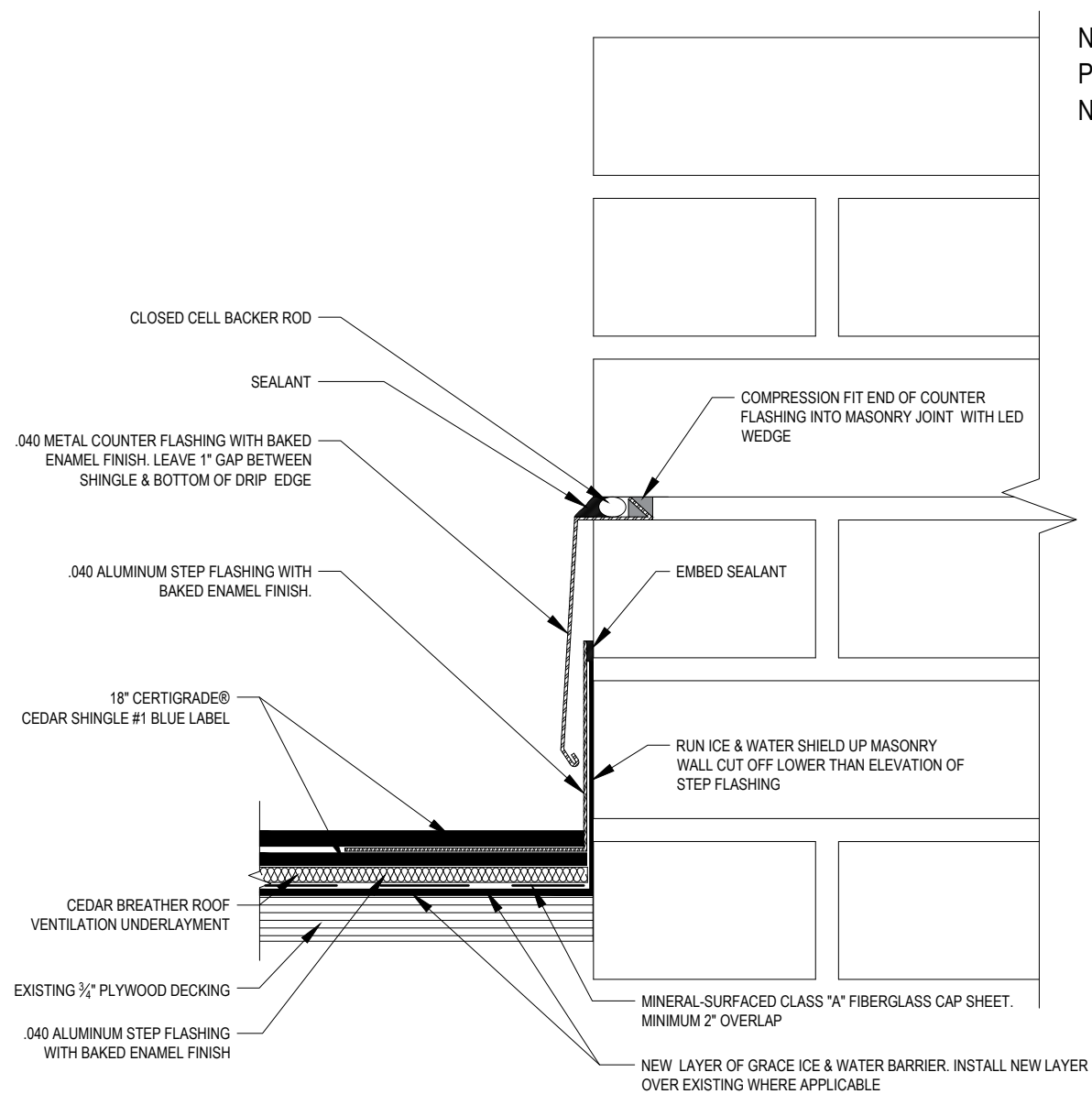
CONTRACT # 8160
MUNIS # 17473
DRWN BY: PBS
DATE 04/05/18
REV:

FLASHING DETAILS

SHT
A302

NOTE: NOTIFY CITY PROJECT MANAGER IF COUNTER FLASHING CAN NOT BE PROPERLY INSTALLED IN JOINT DUE TO CONDITIONS OF THE MASONRY WALL.

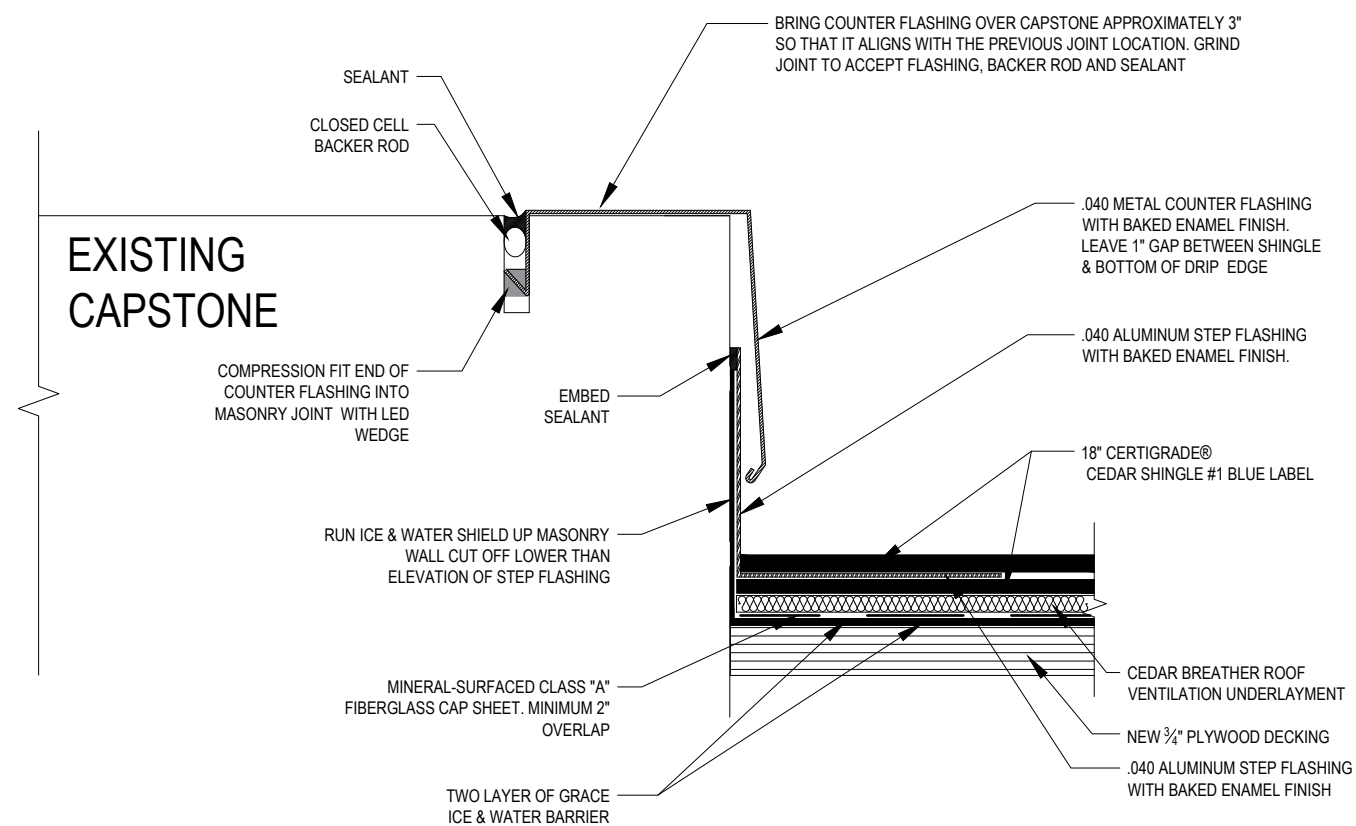
NOTE: CAREFULLY REMOVE OLD COUNTER FLASHING DURING DEMOLITION. USE AS A PATTERN FOR CREATING THE NEW COUNTER FLASHING MAKING ADJUSTMENTS AS NECESSARY. PROVIDE SHOP DRAWINGS FOR ALL SHEET METAL DETAILING.



1

FLASHING AT MASONRY WALL TYP.

SCALE: NO SCALE



2

FLASHING AT CAPSTONE TYP.

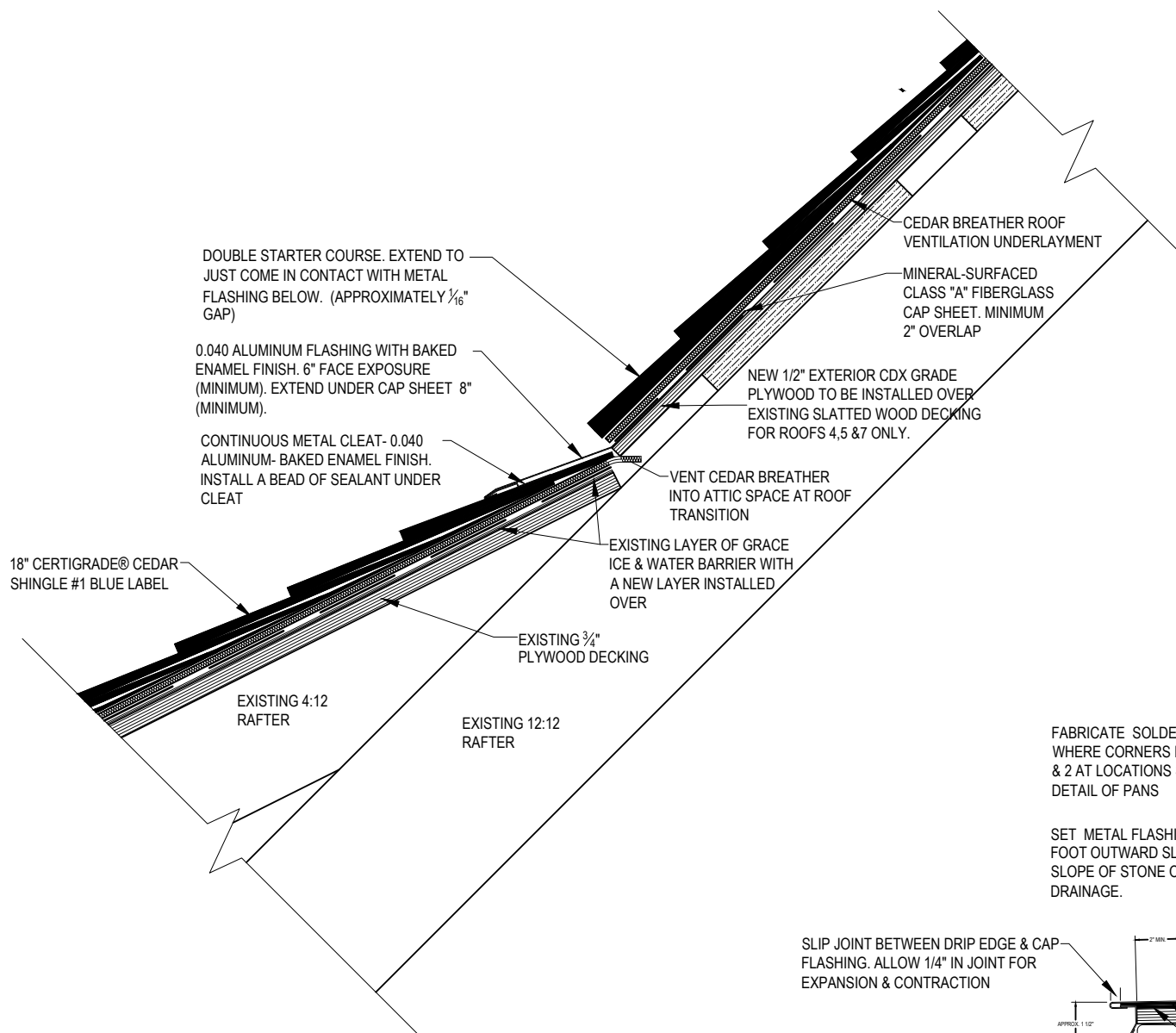
SCALE: NO SCALE



CONTRACT
8160
MUNIS
17473
DRWN BY: PBS
DATE 04/05/18
REV:

ROOF TRANSITION
DETAILS

SHT
A303



NOTE: CAREFULLY REMOVE OLD COUNTER FLASHING DURING DEMOLITION. USE AS A PATTERN FOR CREATING THE NEW COUNTER FLASHING MAKING ADJUSTMENTS AS NECESSARY TO ACHIEVE A WATER TIGHT FIT. PROVIDE "AS BUILT" SHOP DRAWINGS FOR ALL SHEET METAL DETAILING.

FABRICATE SOLDERED STAINLESS STEEL CORNER PANS WHERE CORNERS INTERSECT FOR BOTH SIDES OF ROOFS 1 & 2 AT LOCATIONS SHOWN IN DRAWINGS & ISOMETRIC DETAIL OF PANS

SET METAL FLASHING/PLYWOOD WITH A 1/4" PER FOOT OUTWARD SLOPE (MIN.). ALIGN WITH SLOPE OF STONE OR SHIM TO OBTAIN PROPER DRAINAGE.

SLIP JOINT BETWEEN DRIP EDGE & CAP FLASHING. ALLOW 1/4" IN JOINT FOR EXPANSION & CONTRACTION

APPROX. 1/16"

TWO LAYERS OF GRACE ICE & WATER SHIELD

EXISTING CAPSTONE

NEW EXTERIOR GRADE CDX PLYWOOD OVER CAPSTONE, SLOPE TO OUTER EDGE 1/4" PER FT. MIN.

DOUBLE STARTER COURSE. SET BACK 1/2" FROM FLASHING TRANSITION.

COUNTER FLASHING

STEP FLASHING

EXISTING 12:12 RAFTER- ROOFS 1 & 2

DOUBLE STARTER COURSE. SET BACK 1/2" FROM FLASHING TRANSITION.

COUNTER FLASHING

STEP FLASHING

EXISTING 12:12 RAFTER- ROOFS 1 & 2

CEDAR BREATHER ROOF VENTILATION UNDERLAYMENT

MINERAL-SURFACED CLASS "A" FIBERGLASS CAP SHEET. MINIMUM 2" OVERLAP

GRACE ICE & WATER SHIELD

0.040 ALUMINUM SHEET METAL FLASHING WITH BAKED ENAMEL FINISH. EXTEND 8" (MIN) UP SLOPE OF ROOF

CONTINUOUS SHEETING EXTERIOR GRADE CDX PLYWOOD 12:12 SLOPE.

1 ROOF TRANSITION AT SLOPE CHANGE

SCALE: NO SCALE

2 ROOF TRANSITION AT STONE - ROOFS 1 & 2

SCALE: NO SCALE



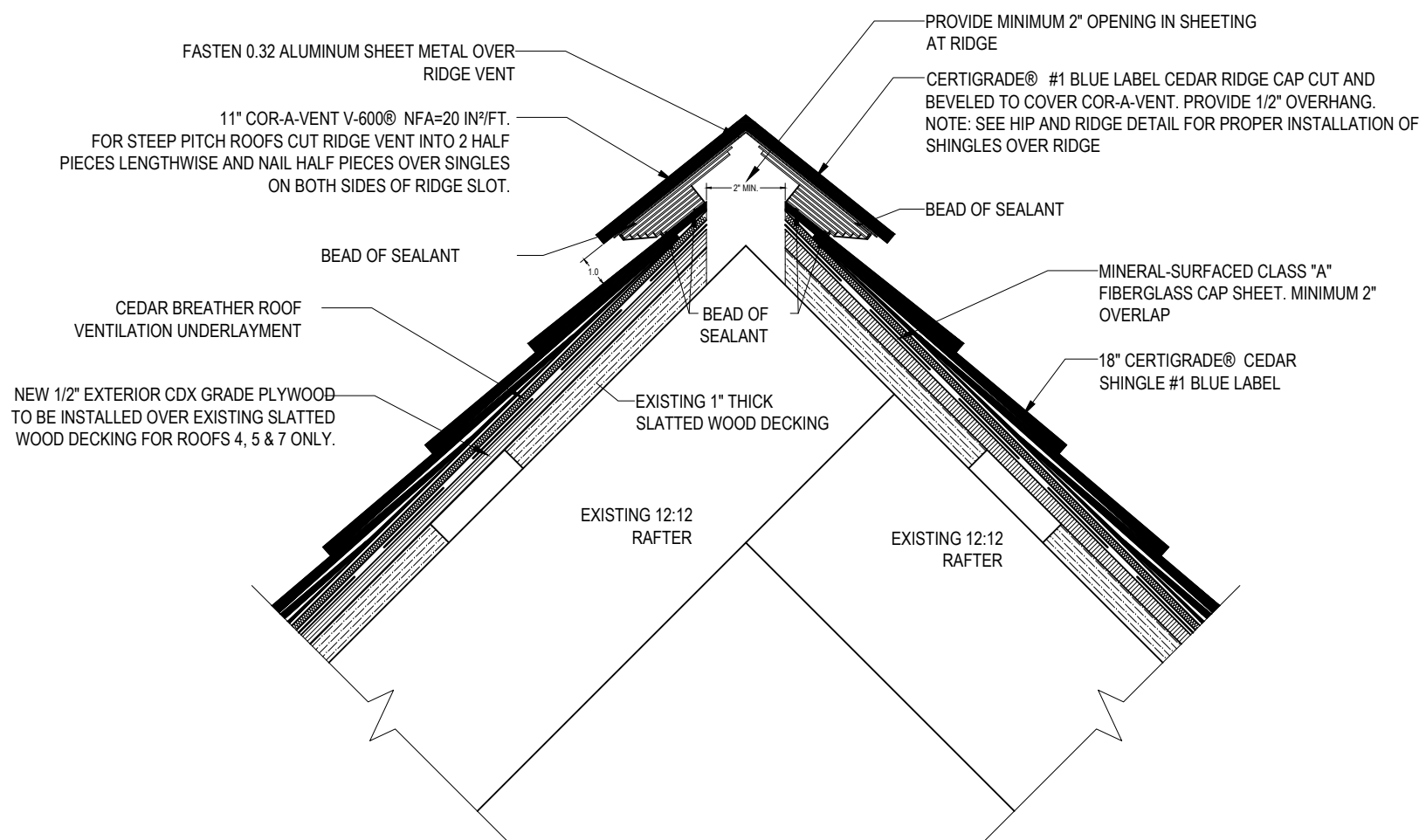
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MADISON, WI 53703
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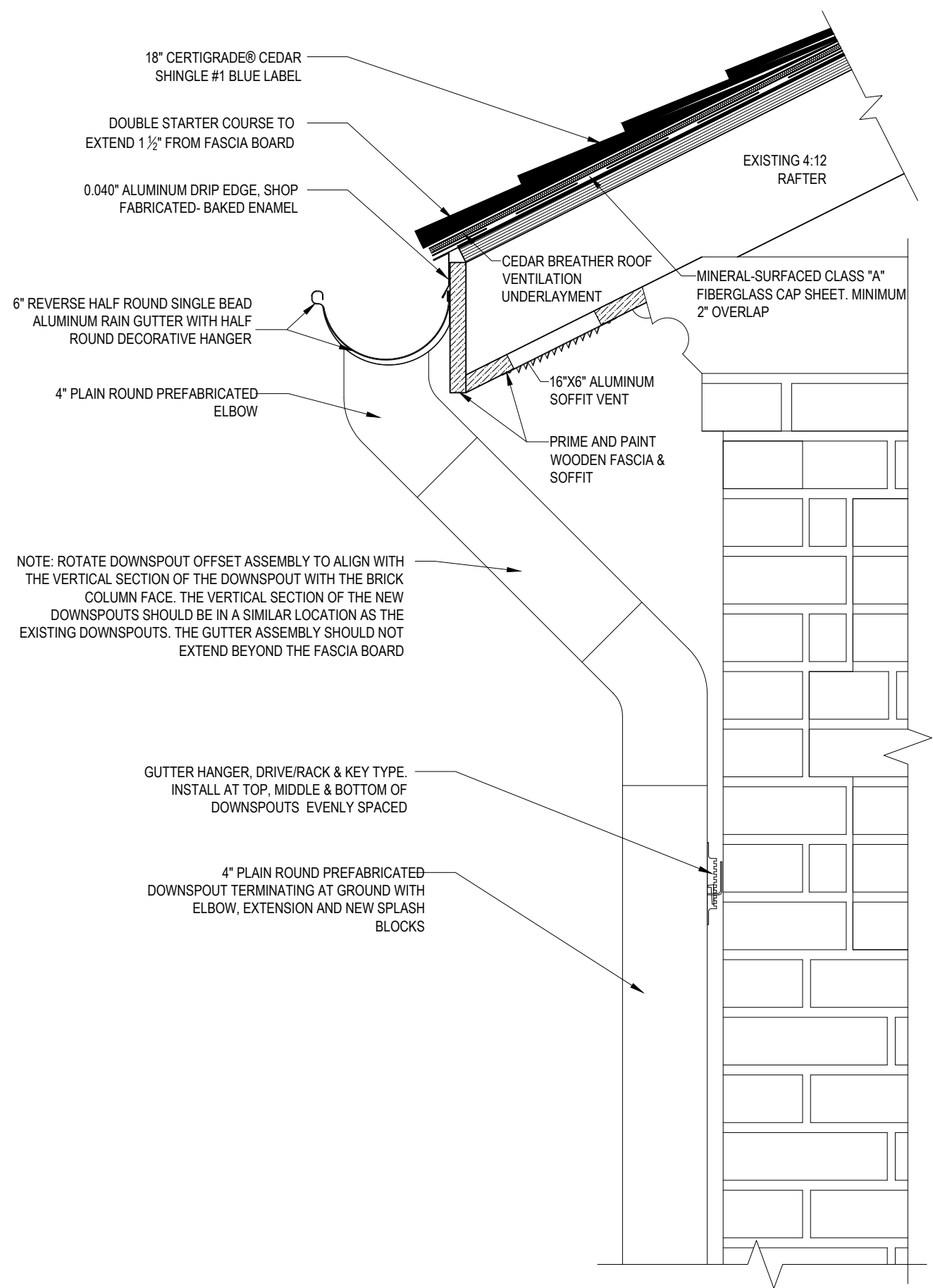
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RIDGE - EAVE
DETAIL

SHT
A304



1 **RIDGE VENT DETAIL**
SCALE: NO SCALE



2 **EAVE DETAIL - TYP.**
SCALE: NO SCALE