

HENDERSON
COUNTY PUBLIC
SCHOOLS ROOF
REPLACEMENTS
& HMS GYM
VENTILATION

Project Number: 18002
Checked:
Drawn: A. Rognas
Date: 5/4/18
Revisions:

Cover Sheet

T101

HENDERSON COUNTY PUBLIC SCHOOLS ROOF REPLACEMENTS & HMS GYM VENTILATION

HENDERSON COUNTY PUBLIC SCHOOLS

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2012 NORTH CAROLINA ENERGY CODE

- PER NC HOUSE BILL 201: BUILDING RE-UTILIZATION FOR ECONOMIC DEVELOPMENT ACT: CONSTRUCTED BEFORE 2012, THESE BUILDINGS QUALIFY FOR AN ALTERNATE ENERGY CODE COMPLIANCE PATH ALLOWING THE USE OF THE 2009 NC ENERGY CONSERVATION CODE. R-VALUE MIN. SHALL BE R-15.
- 502.2.1 EXCEPTION- R:VALUE OF TAPERED INSULATION SHALL BE 1" ABOVE MINIMUM THICKNESS
- 101.4.3 NCDOT CODE INTERPRETATION 10/9/15: EXISTING EXPOSED INSULATION REMAINS- NO INSULATION UPGRADE REQUIRED.

ROOF R-VALUE REQUIREMENT:

EXISTING INSULATION EXPOSED DURING MEMBRANE REMOVAL SHALL REMAIN WITH NO INSULATION UPGRADE

NOTES:

- APPROXIMATE ROOF SQUARE FOOTAGE:
BRUCE DRYSDALE ELEMENTARY- 22,200 SF
WEST HENDERSON HIGH- 9,460 SF
HENDERSONVILLE MIDDLE ROOF- 6,600 SF
ETOWAH ELEMENTARY- 7,300 SF
- REPLACE= REMOVE EXISTING AND PROVIDE AS SHOWN AND SPECIFIED
- CWFD= CEMENTITIOUS WOOD FIBER DECK

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ROOFING NOTES

ROOF A

1. EXISTING ROOFING COMPONENTS:

FULLY ADHERED PVC MEMBRANE
1" FIBERBOARD
BUILT-UP ROOFING
½" FIBERBOARD
CONCRETE ROOF DECK

2. DEMOLITION: REMOVE ALL EXISTING ROOFING COMPONENTS DOWN TO CONCRETE ROOF DECK. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING CONCRETE ROOF DECK. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CONCRETE ROOF DECK.

ROOF B

1. EXISTING ROOFING COMPONENTS:

EPDM MEMBRANE
TAPERED POLYISO INSULATION
METAL DECK

2. DEMOLITION: EXISTING EPDM MEMBRANE SHALL REMAIN- CUT OPEN. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND UNDERLAYMENT BOARD OVER EXISTING EPDM ROOFING MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING METAL DECK.

ROOF C

1. EXISTING ROOFING COMPONENTS:

FULLY ADHERED EPDM MEMBRANE
4"-1½" TAPERED POLYISO INSULATION
BUILT-UP ROOFING
½" FIBERBOARD
CONCRETE ROOF DECK

2. DEMOLITION: REMOVE ALL EXISTING ROOFING COMPONENTS DOWN TO CONCRETE ROOF DECK. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING CONCRETE ROOF DECK. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CONCRETE ROOF DECK.

ROOF D

1. EXISTING ROOFING COMPONENTS:

CONCRETE PAVERS
EPDM MEMBRANE
TAPERED POLYISO INSULATION
METAL DECK

2. DEMOLITION: REMOVE EXISTING CONCRETE PAVERS. EXISTING EPDM MEMBRANE SHALL REMAIN- CUT OPEN. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND UNDERLAYMENT BOARD OVER EXISTING EPDM ROOFING MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING METAL DECK.

GENERAL NOTES

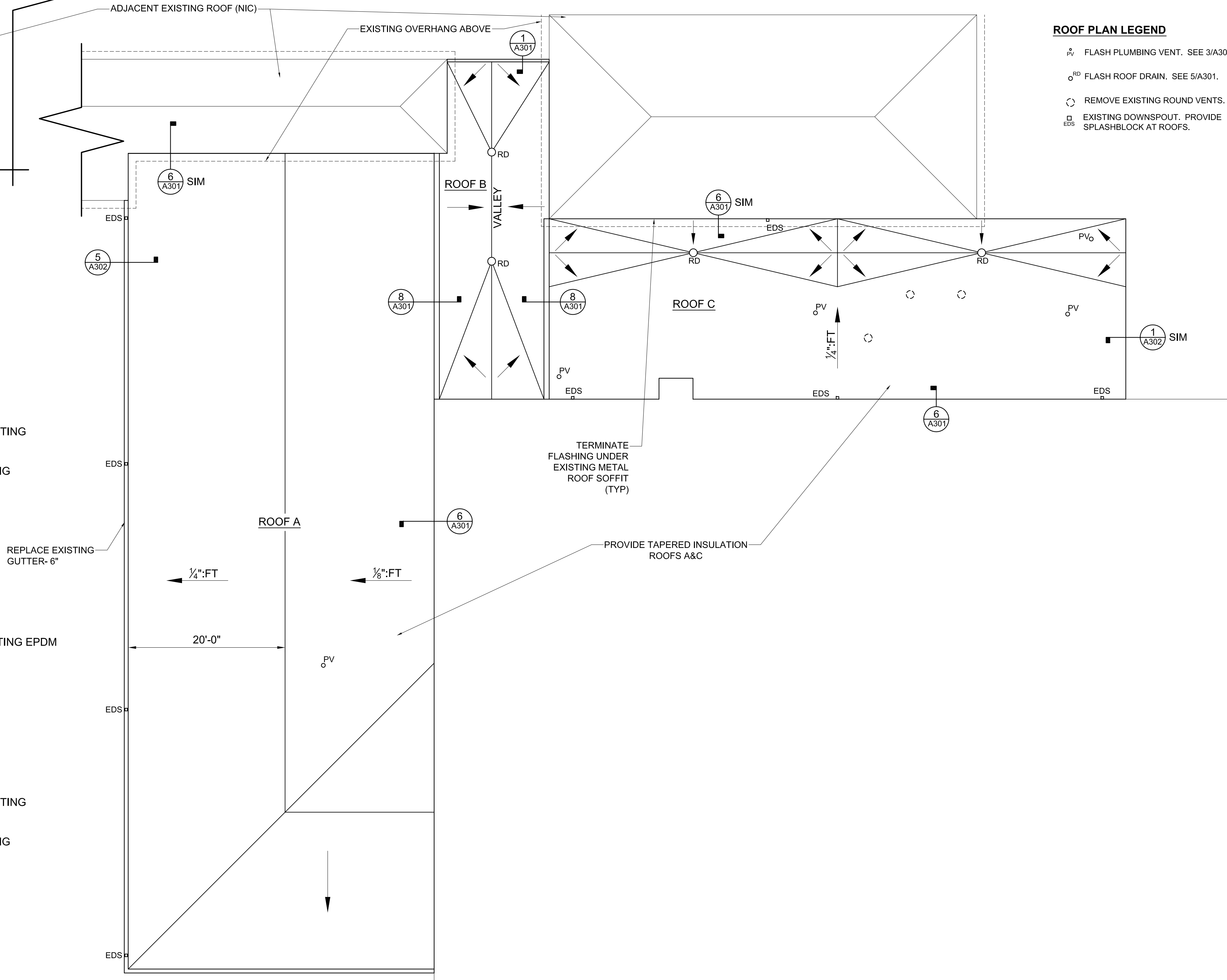
- EXISTING WOOD NAILER SHALL REMAIN UNLESS DETERMINED TO BE DAMAGED BY OWNER. REMOVAL AND REPLACEMENT SHALL BE PERFORMED AT UNIT PRICE.
- VERIFY DIMENSIONS, QUANTITIES, SIZES, AND OTHER EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. DISCREPANCIES BETWEEN DOCUMENTS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
- RAISE EXISTING VP'S AND MECHANICAL CURBS TO 8" ABOVE ROOFING. ELECTRICAL WORK, IF REQUIRED TO REMOVE VENTILATORS, SHALL BE PERFORMED BY LICENSED CONTRACTOR.
- CRICKETS SHALL SLOPE AT ½" PER FOOT.
- EXISTING ELECTRIC COMPONENTS, REFRIGERANT LINES, MECHANICAL UNITS, SHALL BE TEMPORARILY RELOCATED FOR FULL ROOFING INSTALLATION.
- SITE ACCESS, STAGING AND SCHEDULE TO BE COORDINATED WITH PRINCIPAL.
- PROVIDE 18-8 OR 304 STAINLESS STEEL FASTENERS WHERE IN CONTACT WITH PRESSURE TREATED WOOD.
- CONTRACTOR SHALL TAKE MEASURES TO PROTECT EXISTING ROOFING NIC AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING WORK TO PROVIDE WARRANTY REPAIR.
- CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

ADJACENT EXISTING ROOF (NIC)

EXISTING OVERHANG ABOVE

ROOF PLAN LEGEND

- FLASH PLUMBING VENT. SEE 3/A301.
- FLASH ROOF DRAIN. SEE 5/A301.
- REMOVE EXISTING ROUND VENTS.
- EXISTING DOWNSPOUT. PROVIDE SPLASHBLOCK AT ROOFS.



ETOWAH ELEMENTARY ROOF PLAN- ROOFS A, B, C, & D

SCALE: ¼"=1'-0"

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Project Number: 18002

Checked:

Drawn: A. Rognas

Date: 5/4/18

Revisions:

ETOWAH ELEMENTARY ROOF PLANS

A201

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GENERAL NOTES

1. EXISTING WOOD NAILER SHALL REMAIN UNLESS DETERMINED TO BE DAMAGED BY OWNER. REMOVAL AND REPLACEMENT SHALL BE PERFORMED AT UNIT PRICE.

2. VERIFY DIMENSIONS, QUANTITIES, SIZES, AND OTHER EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. DISCREPANCIES BETWEEN DOCUMENTS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.

3. RAISE EXISTING VP'S AND MECHANICAL CURBS TO 8" ABOVE ROOFING. ELECTRICAL WORK, IF REQUIRED TO REMOVE VENTILATORS, SHALL BE PERFORMED BY LICENSED CONTRACTOR.

4. CRICKETS SHALL SLOPE AT 1/2" PER FOOT.

5. EXISTING ELECTRIC COMPONENTS, REFRIGERANT LINES, MECHANICAL UNITS, SHALL BE TEMPORARILY RELOCATED FOR FULL ROOFING INSTALLATION.

6. SITE ACCESS, STAGING AND SCHEDULE TO BE COORDINATED WITH PRINCIPAL.

7. PROVIDE 18-8 OR 304 STAINLESS STEEL FASTENERS WHERE IN CONTACT WITH PRESSURE TREATED WOOD.

8. CONTRACTOR SHALL TAKE MEASURES TO PROTECT EXISTING ROOFING NIC AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING WORK TO PROVIDE WARRANTY REPAIR.

9. CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

ROOFING NOTES

ROOF A-1

1. EXISTING ROOFING COMPONENTS:

FULLY ADHERED PVC MEMBRANE
3/4" FIBERBOARD
BUILT-UP ROOFING
CWFD- 3" THICK

2. DEMOLITION: REMOVE EXISTING PVC MEMBRANE AND 3/4" FIBERBOARD. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS. REMOVE EXISTING GUTTERS. EXISTING B.U. ROOFING SHALL REMAIN.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING BUILT-UP ROOFING. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CWFD.

ROOF A-2

1. EXISTING ROOFING COMPONENTS:

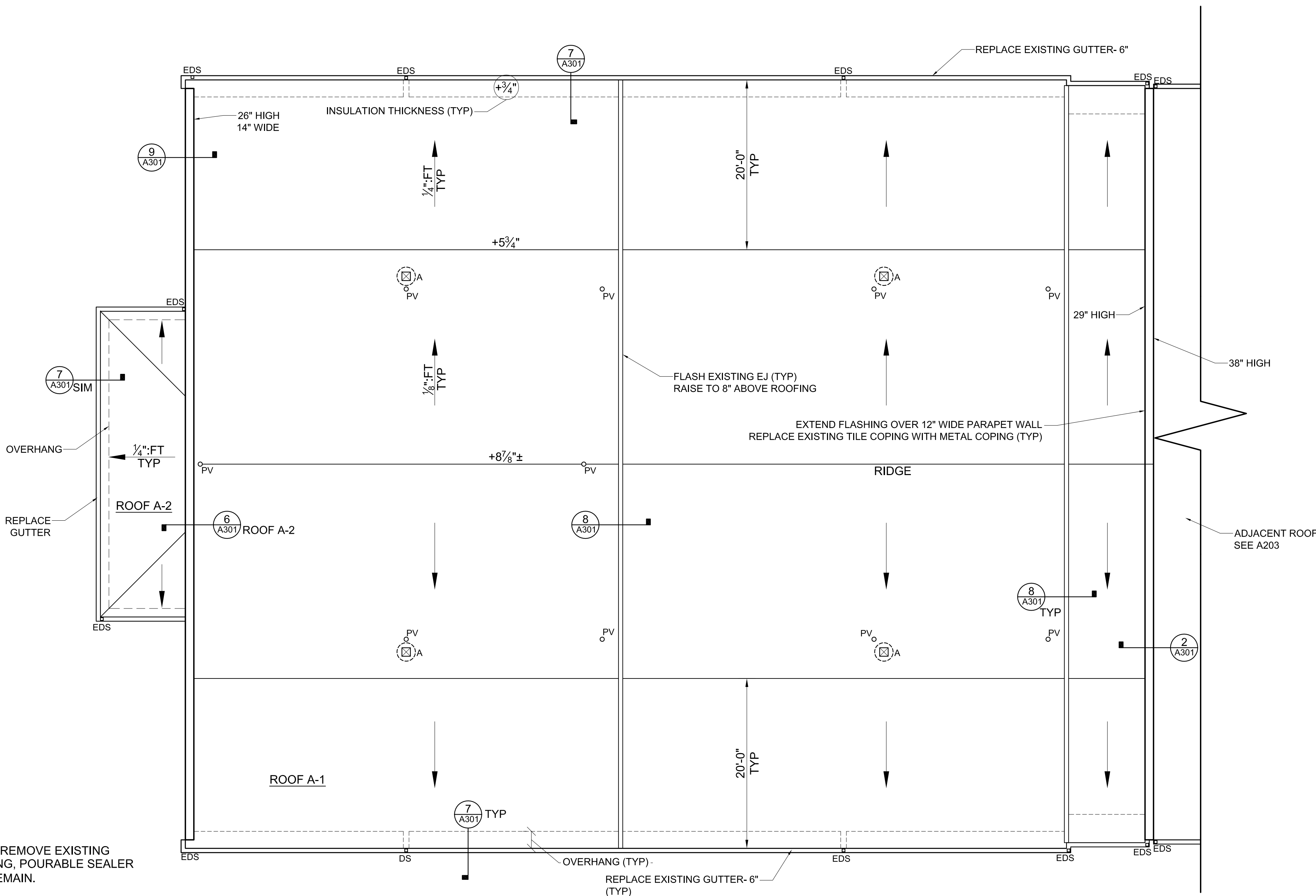
FULLY ADHERED PVC MEMBRANE
3/4" FIBERBOARD
BUILT-UP ROOFING
1/4" FIBERBOARD
CONCRETE ROOF DECK

2. DEMOLITION: REMOVE ALL EXISTING ROOFING COMPONENTS DOWN TO CONCRETE ROOF DECK. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS. REMOVE EXISTING GUTTERS.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING CONCRETE ROOF DECK. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CONCRETE ROOF DECK.

ROOF PLAN LEGEND

- FLASH PLUMBING VENT. SEE 3/A301.
- EXISTING DOWNSPOUT. EXTEND AND REATTACH TO GUTTER.
- PROVIDE 4x4 DOWNSPOUT W/ SPLASHBLOCK.
- REPLACE EXISTING GUTTER. PROVIDE METAL GUTTER. SEE 7/A301.
- PROVIDE TURBINE VENTILATOR WITH CURBS EQUAL TO AURA VENT. CURB SHALL BE 8" ABOVE ROOFING.



ROOF A - BRUCE DRYSDALE ELEMENTARY
SCALE: 1/8"=1'-0"



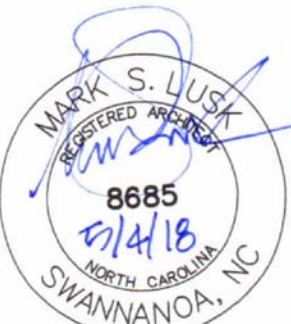
OVERALL ROOF PLAN
SCALE: 1" = 100'-0"

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HENDERSON
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SCHOOLS ROOF
REPLACEMENTS
& HMS GYM
VENTILATION

Project Number: 18002

Checked:

Drawn: A. Rognas

Date: 5/4/18

Revisions:

ROOF A- BRUCE
DRYSDALE
ELEMENTARY

A202

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GENERAL NOTES

- EXISTING WOOD NAILER SHALL REMAIN UNLESS DETERMINED TO BE DAMAGED BY OWNER. REMOVAL AND REPLACEMENT SHALL BE PERFORMED AT UNIT PRICE.
- VERIFY DIMENSIONS, QUANTITIES, SIZES, AND OTHER EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. DISCREPANCIES BETWEEN DOCUMENTS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
- RAISE EXISTING VP'S AND MECHANICAL CURBS TO 8" ABOVE ROOFING. ELECTRICAL WORK, IF REQUIRED TO REMOVE VENTILATORS, SHALL BE PERFORMED BY LICENSED CONTRACTOR.
- CRICKETS SHALL SLOPE AT 1/2" PER FOOT.
- EXISTING ELECTRIC COMPONENTS, REFRIGERANT LINES, MECHANICAL UNITS, SHALL BE TEMPORARILY RELOCATED FOR FULL ROOFING INSTALLATION.
- SITE ACCESS, STAGING AND SCHEDULE TO BE COORDINATED WITH PRINCIPAL.
- PROVIDE 18-8 OR 304 STAINLESS STEEL FASTENERS WHERE IN CONTACT WITH PRESSURE TREATED WOOD.
- CONTRACTOR SHALL TAKE MEASURES TO PROTECT EXISTING ROOFING NIC AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING WORK TO PROVIDE WARRANTY REPAIR.
- CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

ROOFING NOTES

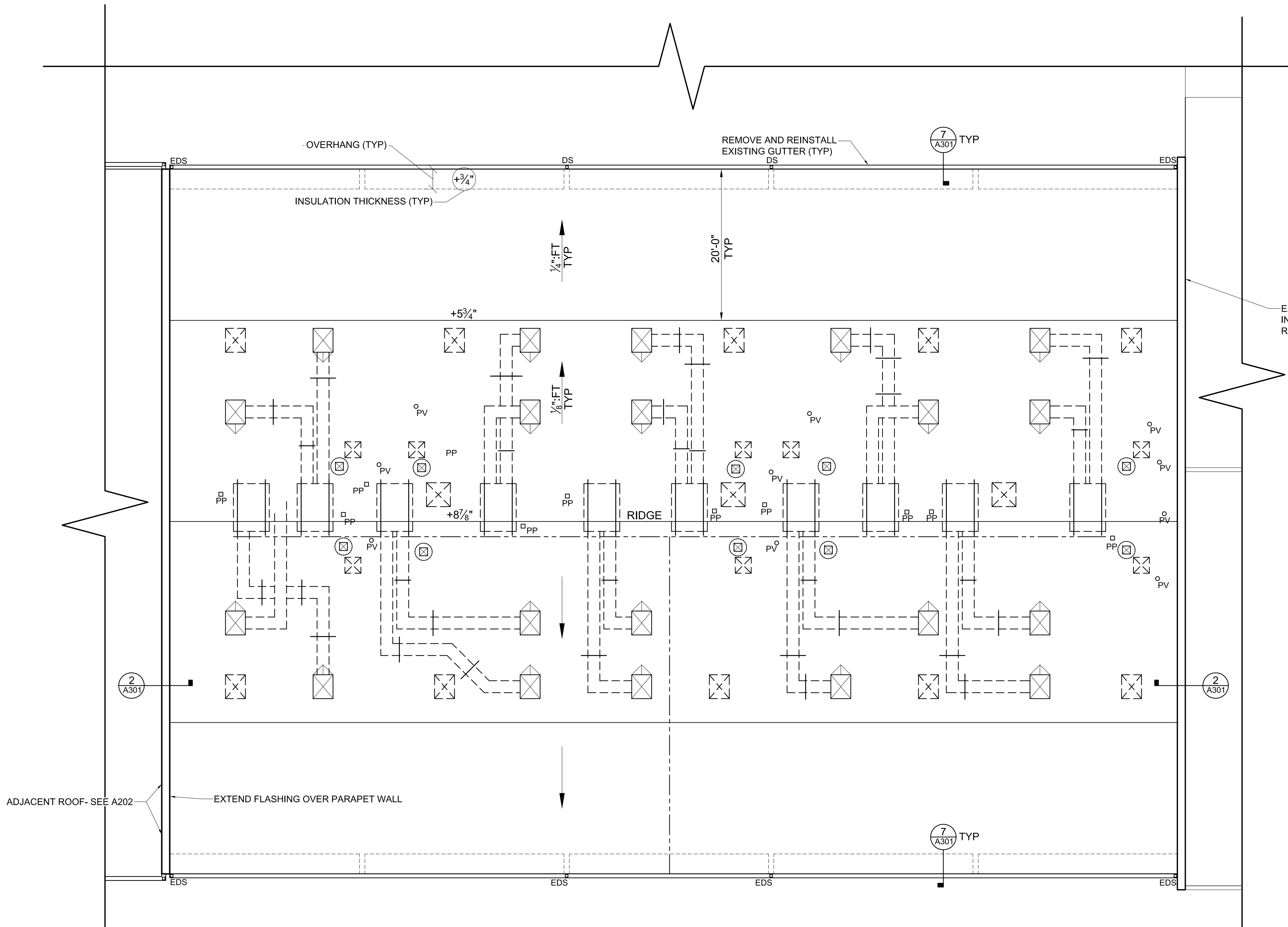
ROOF B

1. EXISTING ROOFING COMPONENTS:

FULLY ADHERED PVC MEMBRANE
3/4" FIBERBOARD
BUILT-UP ROOFING
CWFD- 3" THICK

2. DEMOLITION: REMOVE EXISTING PVC MEMBRANE AND 3/4" FIBERBOARD. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS. REMOVE EXISTING GUTTERS. EXISTING B.U. ROOFING SHALL REMAIN.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING BUILT-UP ROOFING. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CWFD.

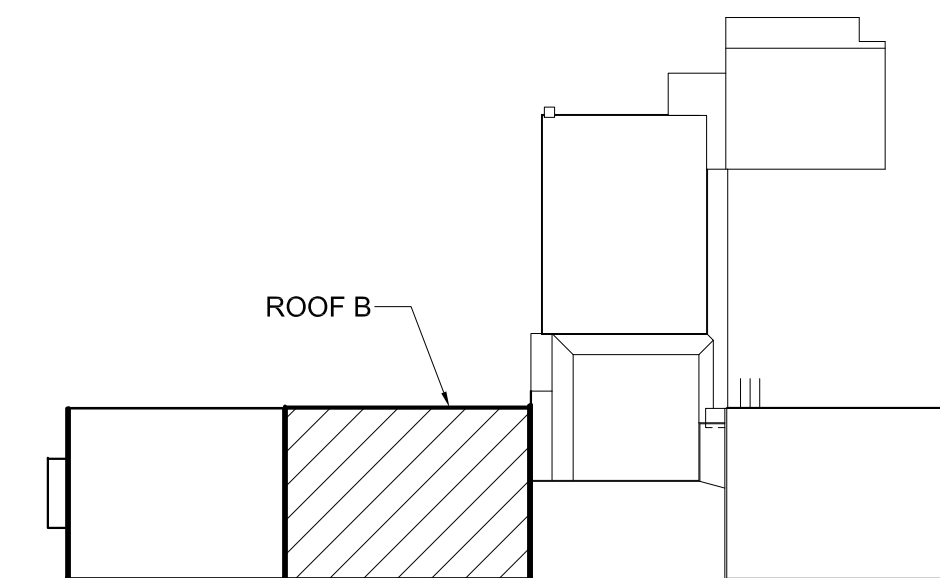


ROOF B - BRUCE DRYSDALE ELEMENTARY
SCALE: 1/8"=1'-0"

ROOF PLAN LEGEND

- DUCT OPENING ON CURBS, FLASH CURBS, PROVIDE CRICKET. SEE 4/A301
- FLASH PLUMBING VENT. SEE 3/A301
- REPLACE POURABLE SEALER POCKET AT CONDUITS
- PROVIDE PROTECTIVE MEMBRANE SHEETS AT EXISTING WOOD SLEEPERS AT MECHANICAL UNITS
- EXISTING DOWNSPOUT. EXTEND AND REATTACH TO GUTTER.
- PROVIDE 4x4 DOWNSPOUT W/ SPLASHBLOCK.
- EXISTING CONDENSATE PIPING ON WOOD BLOCKS. REPLACE WOOD BLOCKS.
- REMOVE CAPPED CURB AND CLOSE OPENING WITH 3/4" PLYWOOD. FASTEN TO ROOF DECK AT CORNERS.
- PROVIDE TURBINE VENTILATOR WITH CURBS EQUAL TO AURA VENT. CURB SHALL BE 8" ABOVE ROOFING.

EXTEND FLASHING OVER PARAPET WALL - TIE INTO EXISTING FLASHING AT ADJACENT ROOF
REMOVE AND REINSTALL METAL COPING



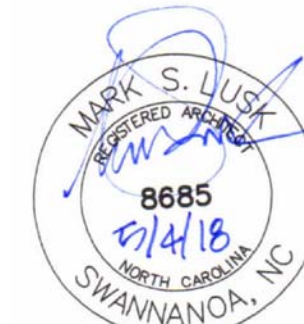
OVERALL ROOF PLAN
SCALE: 1" = 100'-0"

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HENDERSON COUNTY PUBLIC SCHOOLS ROOF REPLACEMENTS & HMS GYM VENTILATION

Project Number: 18002

Checked:

Drawn: A. Rognas

Date: 5/4/18

Revisions:

ROOF B- BRUCE DRYSDALE ELEMENTARY

A203

GENERAL NOTES

- EXISTING WOOD NAILER SHALL REMAIN UNLESS DETERMINED TO BE DAMAGED BY OWNER. REMOVAL AND REPLACEMENT SHALL BE PERFORMED AT UNIT PRICE.
- VERIFY DIMENSIONS, QUANTITIES, SIZES, AND OTHER EXISTING CONDITIONS PRIOR TO DEMOLITION WORK. DISCREPANCIES BETWEEN DOCUMENTS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
- RAISE EXISTING VP'S AND MECHANICAL CURBS TO 8" ABOVE ROOFING. ELECTRICAL WORK, IF REQUIRED TO REMOVE VENTILATORS, SHALL BE PERFORMED BY LICENSED CONTRACTOR.
- CRICKETS SHALL SLOPE AT 1/2" PER FOOT.
- EXISTING ELECTRIC COMPONENTS, REFRIGERANT LINES, MECHANICAL UNITS, SHALL BE TEMPORARILY RELOCATED FOR FULL ROOFING INSTALLATION.
- SITE ACCESS, STAGING AND SCHEDULE TO BE COORDINATED WITH PRINCIPAL.
- PROVIDE 18-8 OR 304 STAINLESS STEEL FASTENERS WHERE IN CONTACT WITH PRESSURE TREATED WOOD.
- CONTRACTOR SHALL TAKE MEASURES TO PROTECT EXISTING ROOFING NIC AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING WORK TO PROVIDE WARRANTY REPAIR.
- CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

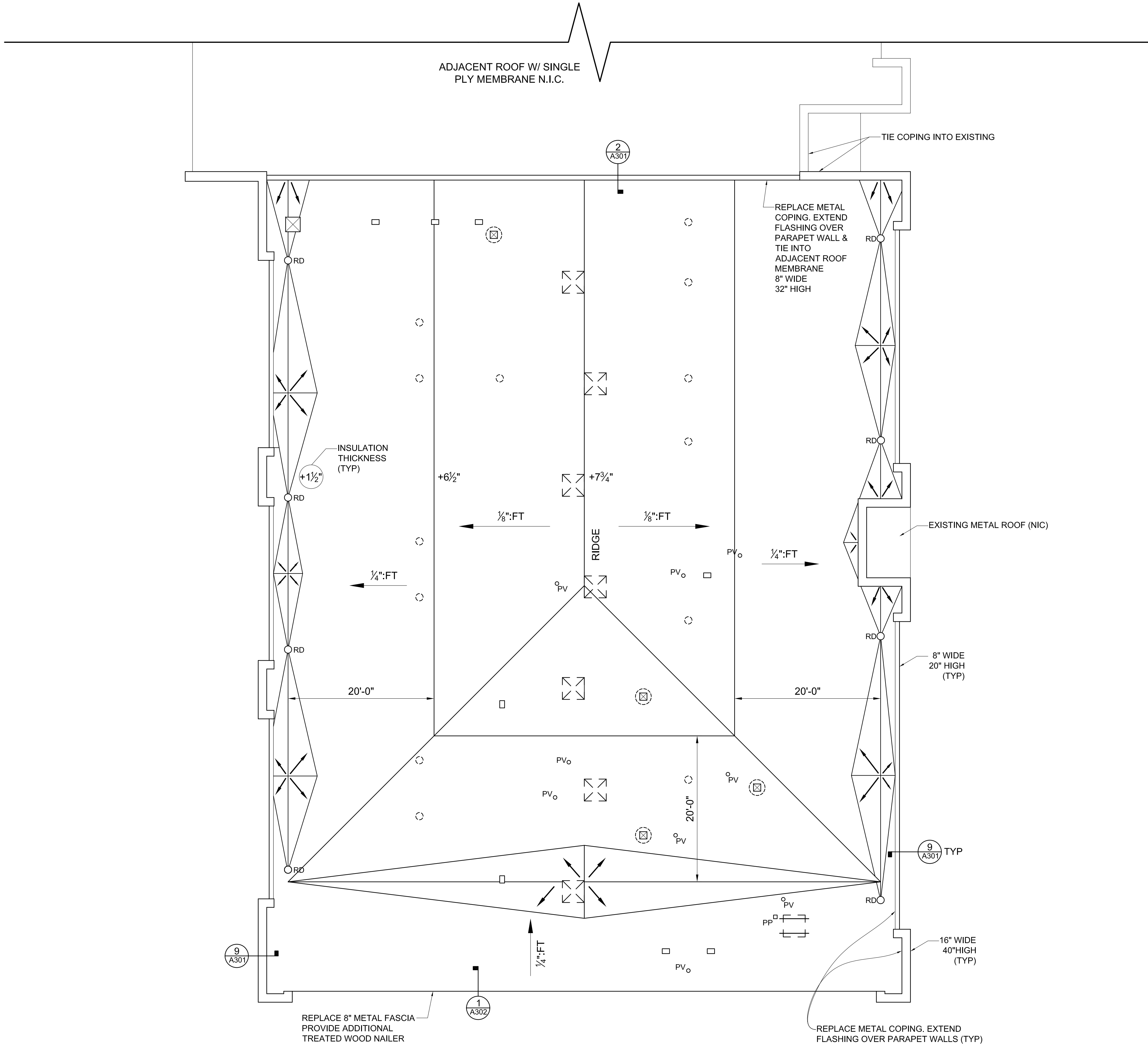
ROOFING NOTES

1. EXISTING ROOFING COMPONENTS:

FULLY ADHERED PVC MEMBRANE
3/4" FIBERBOARD
BUILT-UP ROOFING
TAPERED PERLITE INSULATION 1 1/2"-7"
VAPOR BARRIER
CWFD

2. DEMOLITION: REMOVE ALL EXISTING ROOFING COMPONENTS DOWN TO VAPOR BARRIER. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS. THE EXISTING VAPOR BARRIER SHALL REMAIN.

3. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED INSULATION OVER EXISTING VAPOR BARRIER. ATTACH TAPERED INSULATION THROUGH INTO EXISTING CWFD.



OFFICE ROOF PLAN- WEST HENDERSON HIGH
SCALE: 1/8"=1'-0"

ROOF PLAN LEGEND

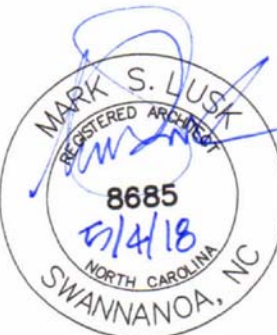
- FLASH PLUMBING VENT. SEE 3/A301.
- FLASH ROOF DRAIN. (SLOPE SURROUNDING INSULATION.) SEE 5/A301
- REPLACE POURABLE SEALER POCKET AT CONDUITS
- PROVIDE PROTECTIVE MEMBRANE SHEETS AT EXISTING WOOD SLEEPERS AT MECHANICAL UNITS
- REMOVE EXISTING CAPPED CURB AND CLOSE OPENING WITH 3/4" PLYWOOD. FASTEN TO ROOF DECK AT CORNERS.
- PROVIDE TURBINE VENTILATOR WITH CURBS EQUAL TO AURA VENT. CURB SHALL BE 8" ABOVE ROOFING.
- REMOVE EXISTING ROUND VENTS
- FLASH EXISTING METAL DUCT HOODS
- MECHANICAL VENTILATOR ON CURBS. FLASH CURBS. SEE 4/A301.

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VENTILATION

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Drawn: A. Rognas

Date: 5/4/18

Revisions:

OFFICE ROOF
PLAN- WEST
HENDERSON
HIGH

A204

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GENERAL NOTES

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- CRICKETS SHALL SLOPE AT 1/2" PER FOOT.
- EXISTING ELECTRIC COMPONENTS, REFRIGERANT LINES, MECHANICAL UNITS, SHALL BE TEMPORARILY RELOCATED FOR FULL ROOFING INSTALLATION.
- SITE ACCESS, STAGING AND SCHEDULE TO BE COORDINATED WITH PRINCIPAL.
- PROVIDE 18-8 OR 304 STAINLESS STEEL FASTENERS WHERE IN CONTACT WITH PRESSURE TREATED WOOD.
- CONTRACTOR SHALL TAKE MEASURES TO PROTECT EXISTING ROOFING NIC AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING WORK TO PROVIDE WARRANTY REPAIR.
- CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

ROOFING NOTES

ROOF A

- EXISTING ROOFING COMPONENTS:

EPDM MEMBRANE
5"-3" TAPERED POLYISO INSULATION
METAL DECK

- DEMOLITION: EXISTING EPDM MEMBRANE SHALL REMAIN- CUT OPEN. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

- PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND UNDERLAYMENT BOARD OVER EXISTING EPDM ROOFING MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING METAL DECK.

ROOF B

- EXISTING ROOFING COMPONENTS:

EPDM MEMBRANE
7"-5" TAPERED POLYISO INSULATION
METAL DECK

- DEMOLITION: EXISTING EPDM MEMBRANE SHALL REMAIN- CUT OPEN. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

- PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND UNDERLAYMENT BOARD OVER EXISTING EPDM ROOFING MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING METAL DECK.

ROOF C

- EXISTING ROOFING COMPONENTS:

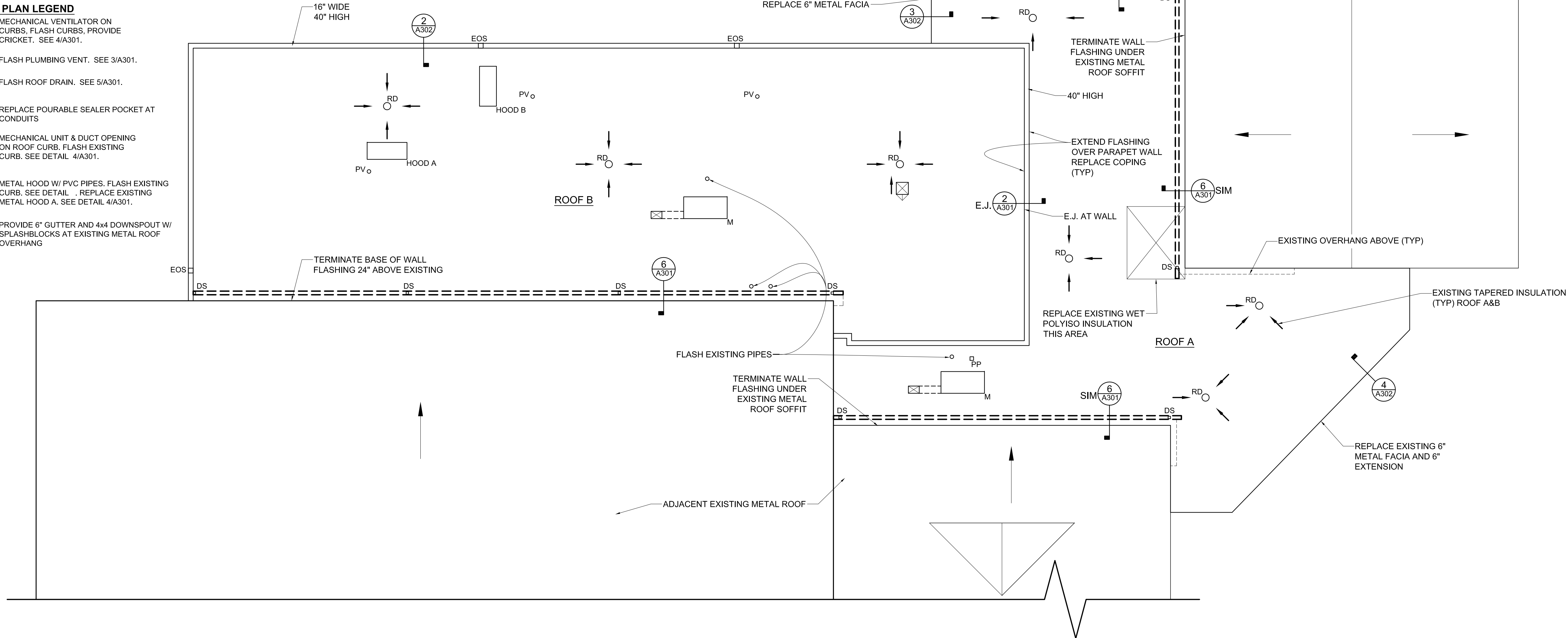
EPDM MEMBRANE
5"-3" TAPERED EPS INSULATION
METAL DECK

- DEMOLITION: EXISTING EPDM MEMBRANE SHALL REMAIN- CUT OPEN. REMOVE EXISTING ROOFING SYSTEM COMPONENTS INCLUDING TERMINATION BARS, FLASHING, POURABLE SEALER POCKETS.

- PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM, AND TAPERED POLYISO INSULATION OVER EXISTING EPDM ROOFING MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING METAL DECK.

ROOF PLAN LEGEND

- MECHANICAL VENTILATOR ON CURBS, FLASH CURBS, PROVIDE CRICKET. SEE 4/A301.
- FLASH PLUMBING VENT. SEE 3/A301.
- FLASH ROOF DRAIN. SEE 5/A301.
- REPLACE POURABLE SEALER POCKET AT CONDUITS
- MECHANICAL UNIT & DUCT OPENING ON ROOF CURB. FLASH EXISTING CURB. SEE DETAIL 4/A301.
- METAL HOOD W/ PVC PIPES, FLASH EXISTING CURB. SEE DETAIL . REPLACE EXISTING METAL HOOD A. SEE DETAIL 4/A301.
- PROVIDE 6" GUTTER AND 4x4 DOWNSPOUT W/ SPLASHBLOCKS AT EXISTING METAL ROOF OVERHANG



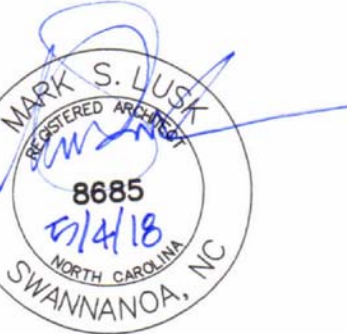
ROOF PLAN- HENDERSONVILLE MIDDLE
SCALE: 1/8"=1'-0"

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Drawn: A. Rognas

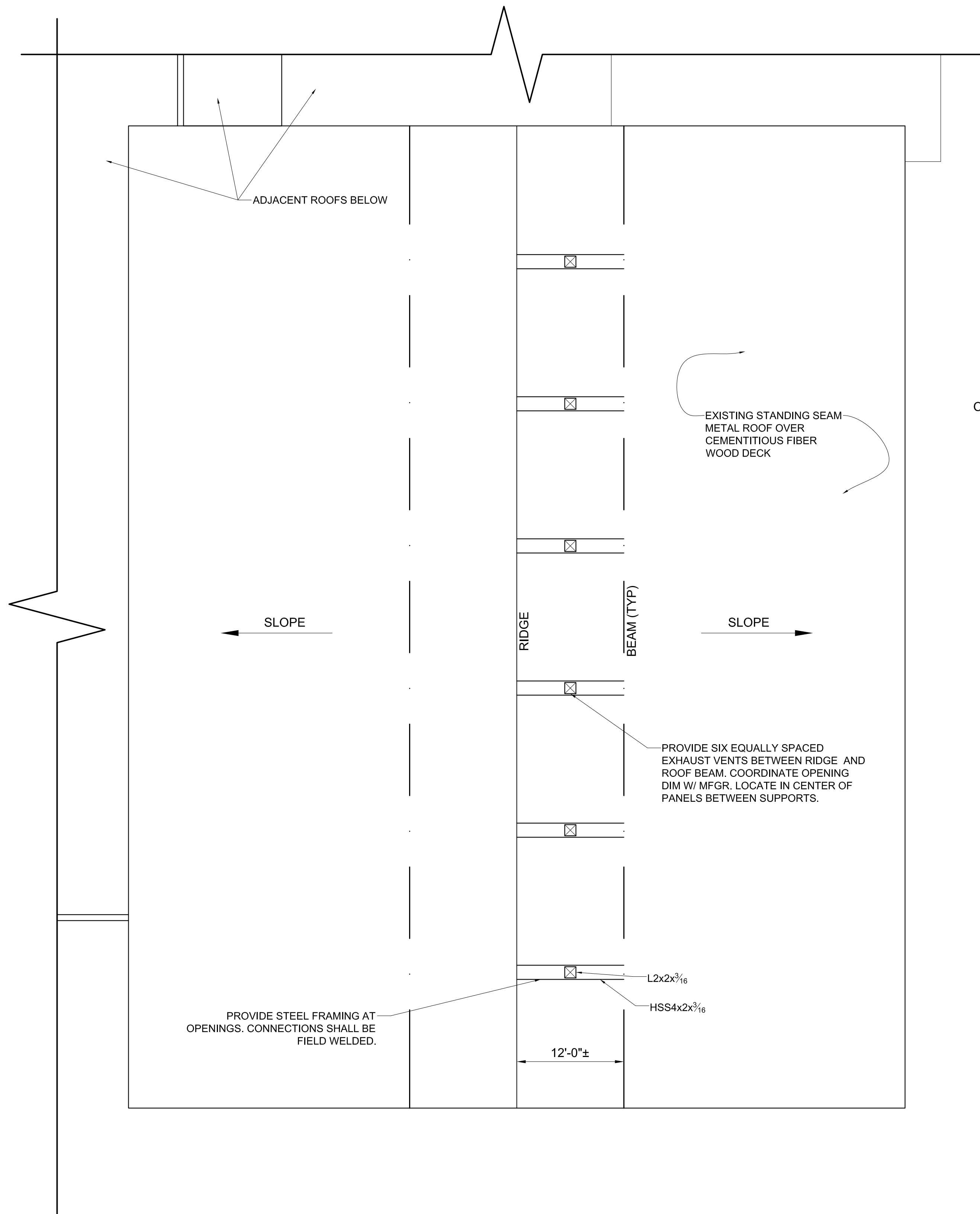
Date: 5/4/18

Revisions:

ROOF PLAN- HENDERSONVILLE MIDDLE

A205

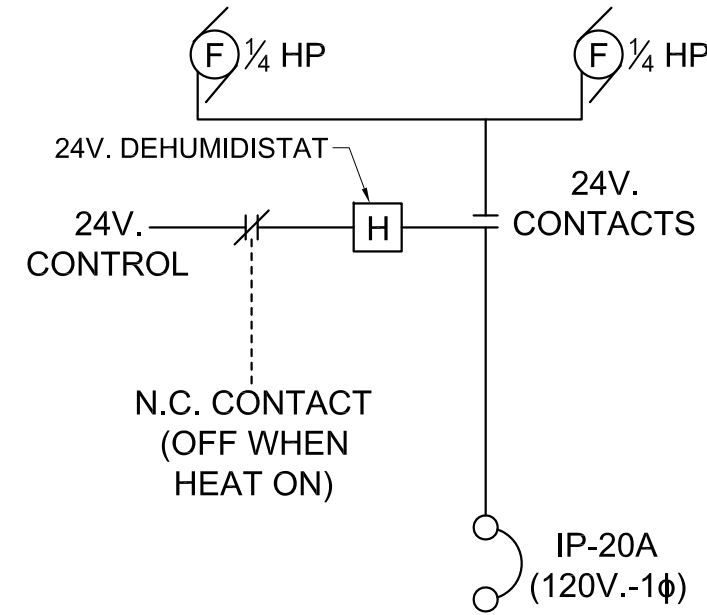
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VENTILATOR ROOF PLAN- HENDERSONVILLE MIDDLE
SCALE: 1/8"=1'-0"

ROOFING NOTES

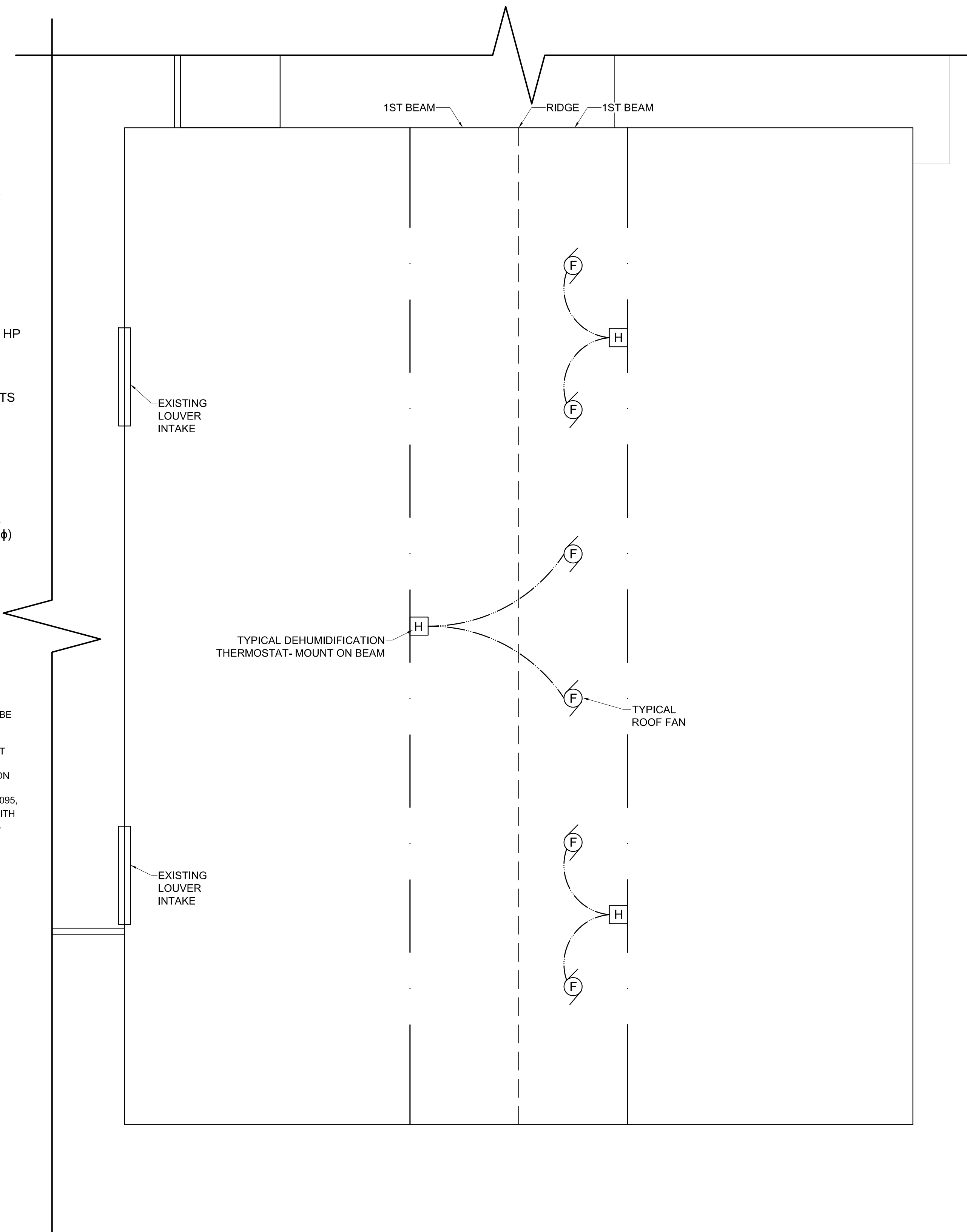
1. PROVIDE OPENINGS IN EXISTING ROOF PER MFGR DIMENSIONS
2. PROVIDE VENTILATOR CURB AND FLASH PER STANDING SEAM ROOFING REQUIREMENTS.



CONTROL DIAGRAM
(TYPICAL OF 3)

HUMIDITY FAN NOTES

1. DE-HUMIDISTATS (CONTROLLING FANS) SHALL BE SET AT 60% RELATIVE HUMIDITY.
2. PROVIDE WIRE GUARDS OVER HUMIDISTATS.
3. POWER SHALL BE (3)20AMP EXISTING CIRCUIT BREAKERS. LOCATE NEAREST POWER PANEL.
4. PROVIDE INTERLOCK TO PREVENT OPERATION OF FANS WHEN HEAT IS ON.
5. FANS SHALL BE EQUAL TO GREENHECK #V-G-095, 780CFM @ 0.0125" SP, 1/2"HP, 120V SINGLE PS, WITH VARI-GREEN EC MOTOR WITH SPEED CONTROL DIAL ON MOTOR, BIRD SCREEN, GRAVITY BACK DRAFT DAMPER, DISCONNECT SWITCH AND SLOPED ROOF CURB.



VENTILATION PLAN- HENDERSONVILLE MIDDLE
SCALE: 1/8"=1'-0"

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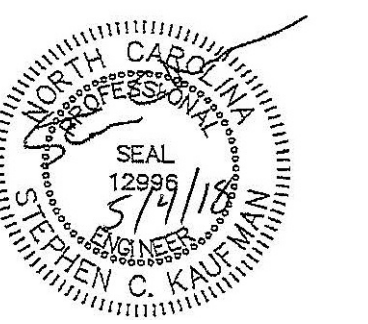
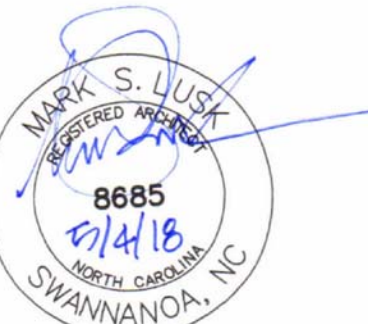
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94 Main Street
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PHONE: 828.847.1111 FAX: 828.847.1111
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HENDERSON COUNTY PUBLIC SCHOOLS ROOF REPLACEMENTS & HMS GYM VENTILATION

Project Number: 18002

Checked:

Drawn: A. Rognas

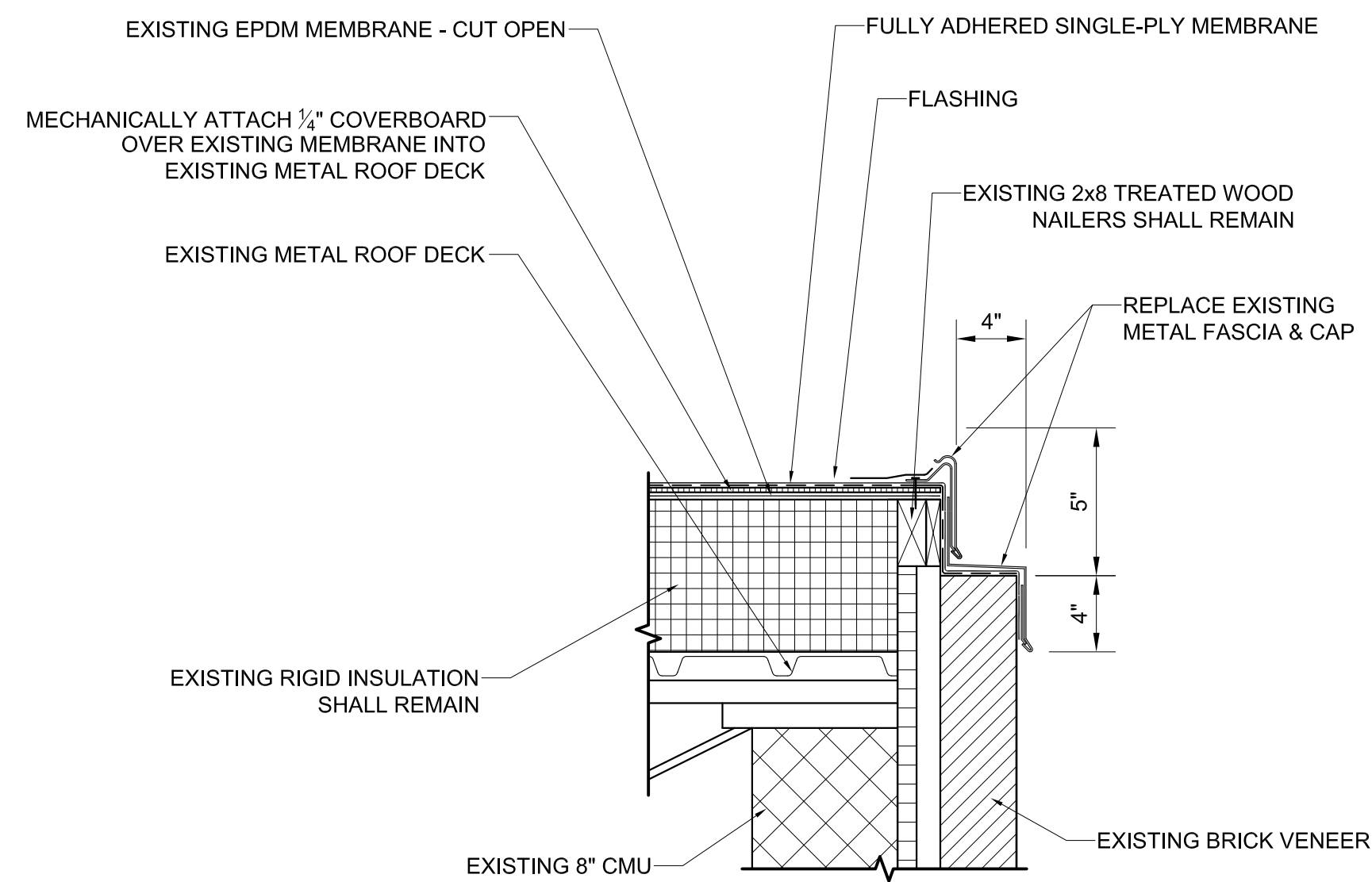
Date: 5/4/18

Revisions:

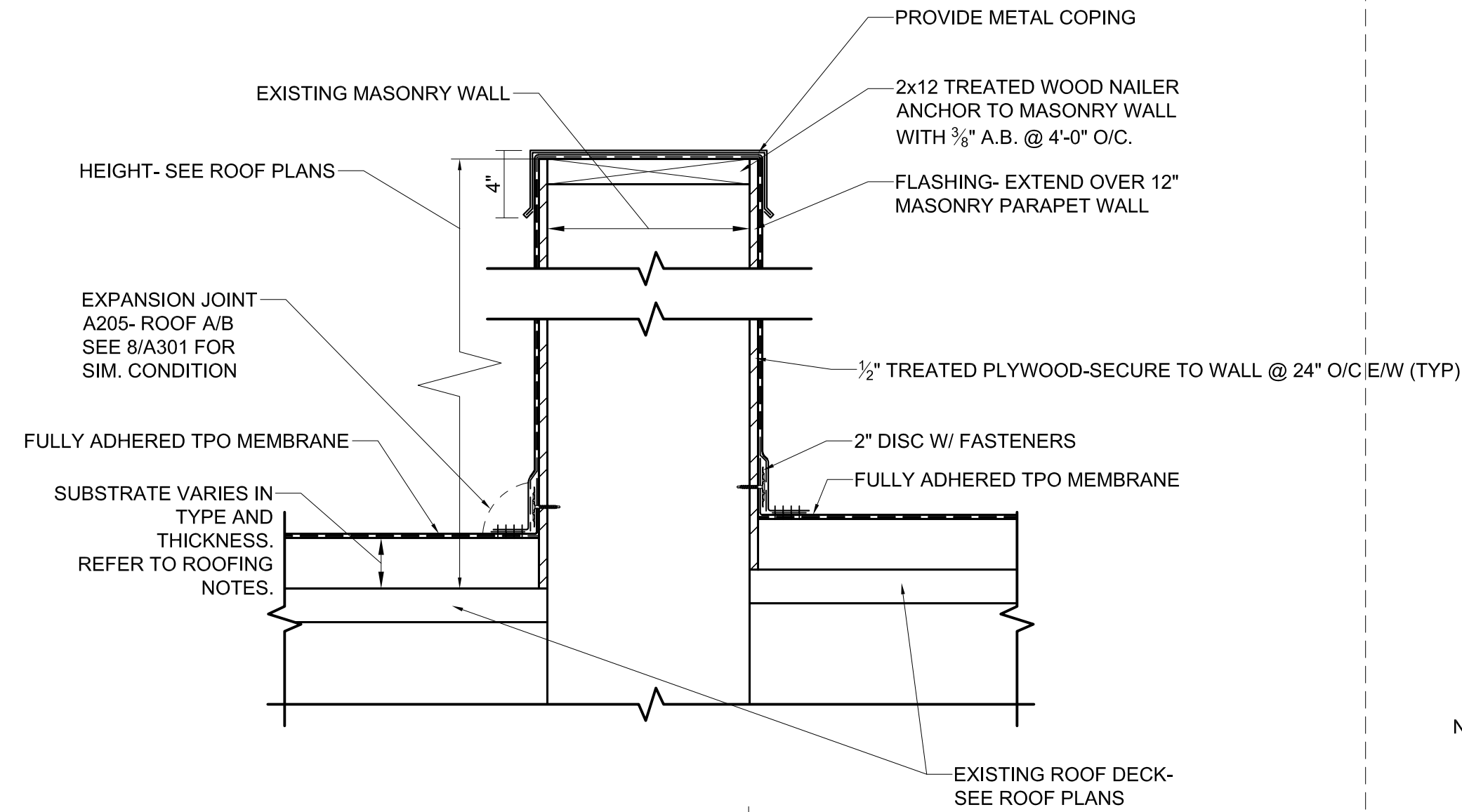
ROOF & MECHANICAL PLANS- HENDERSONVILLE MIDDLE

AM206

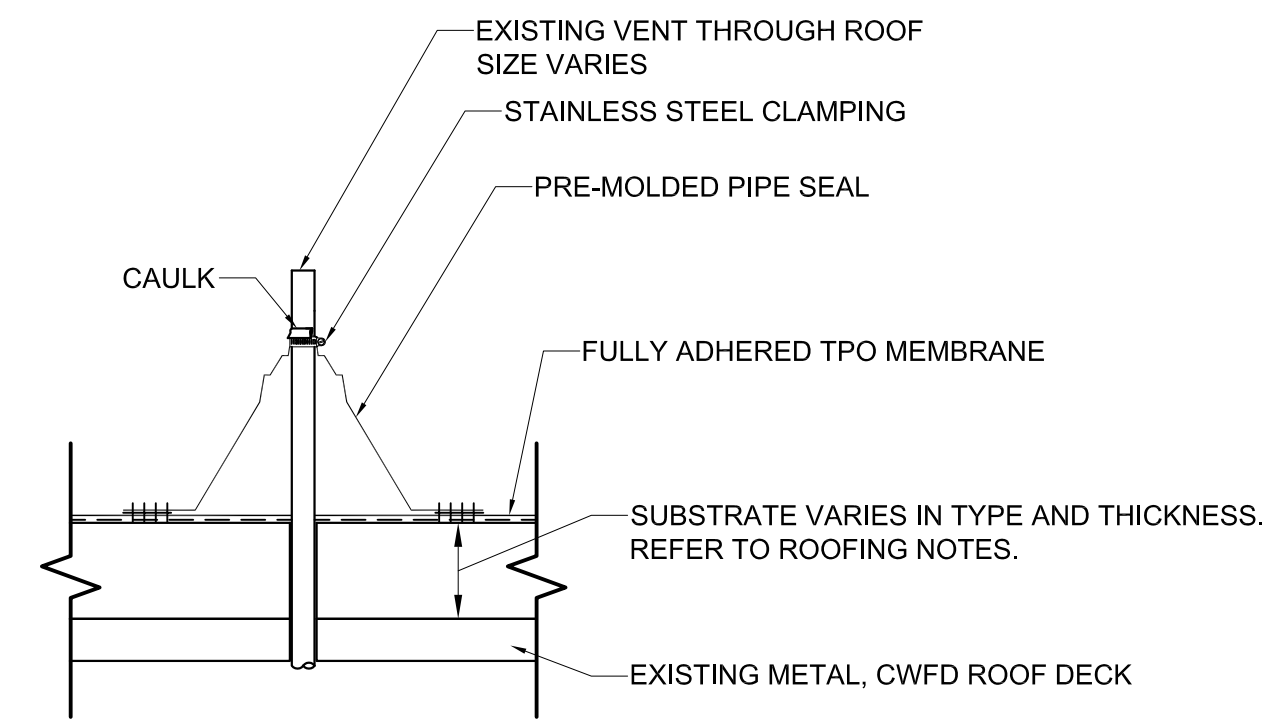
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1 ROOF EDGE TERMINATION
SCALE: 1/2" = 1'-0"

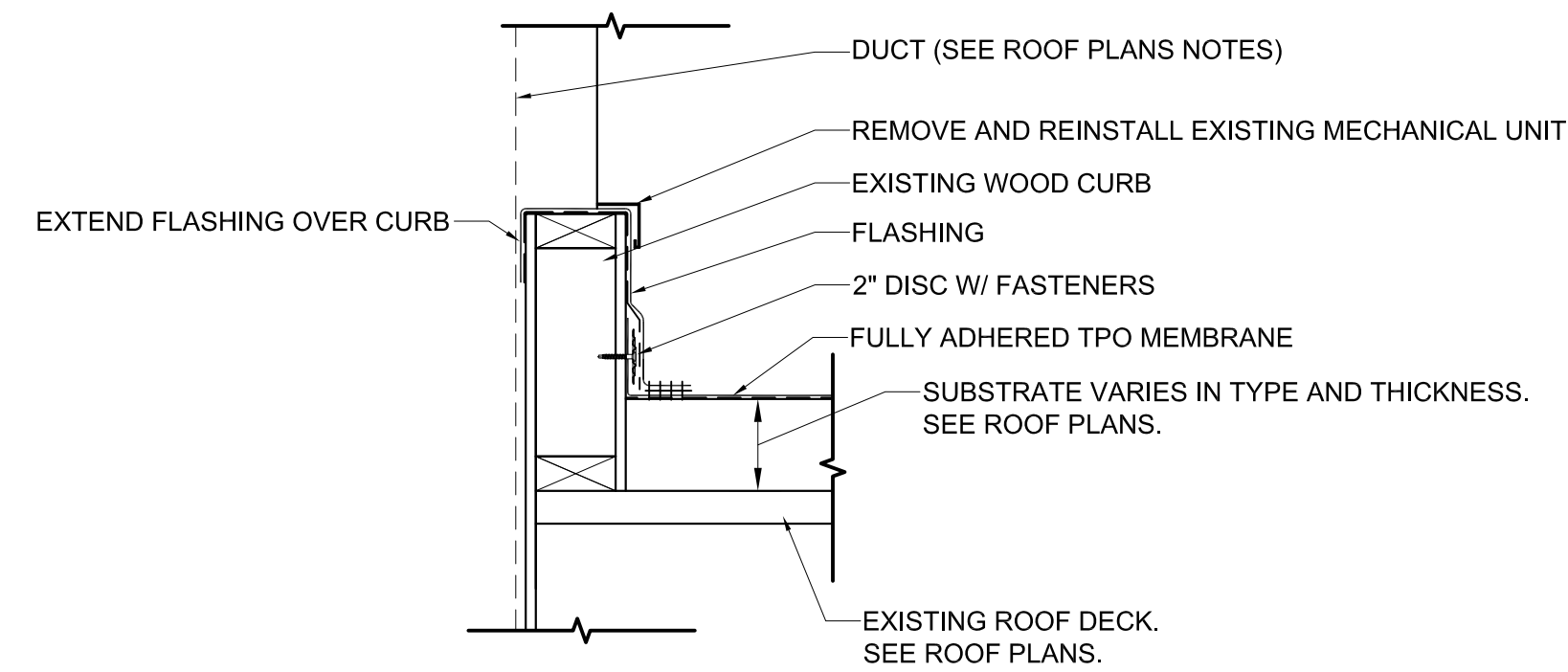


2 PARAPET WALL
SCALE: 1/2" = 1'-0"



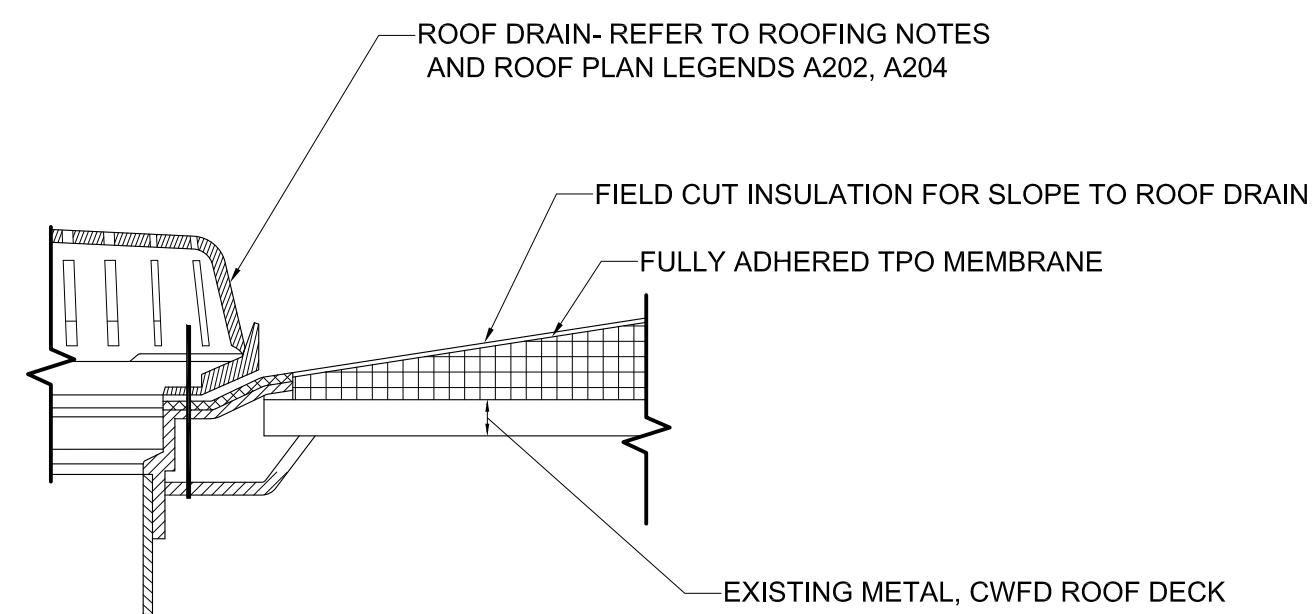
NOTE: RAISE VENT PIPE TO 8" ABOVE ROOFING - ROOF B

3 VP DETAIL
SCALE: 1/2" = 1'-0"

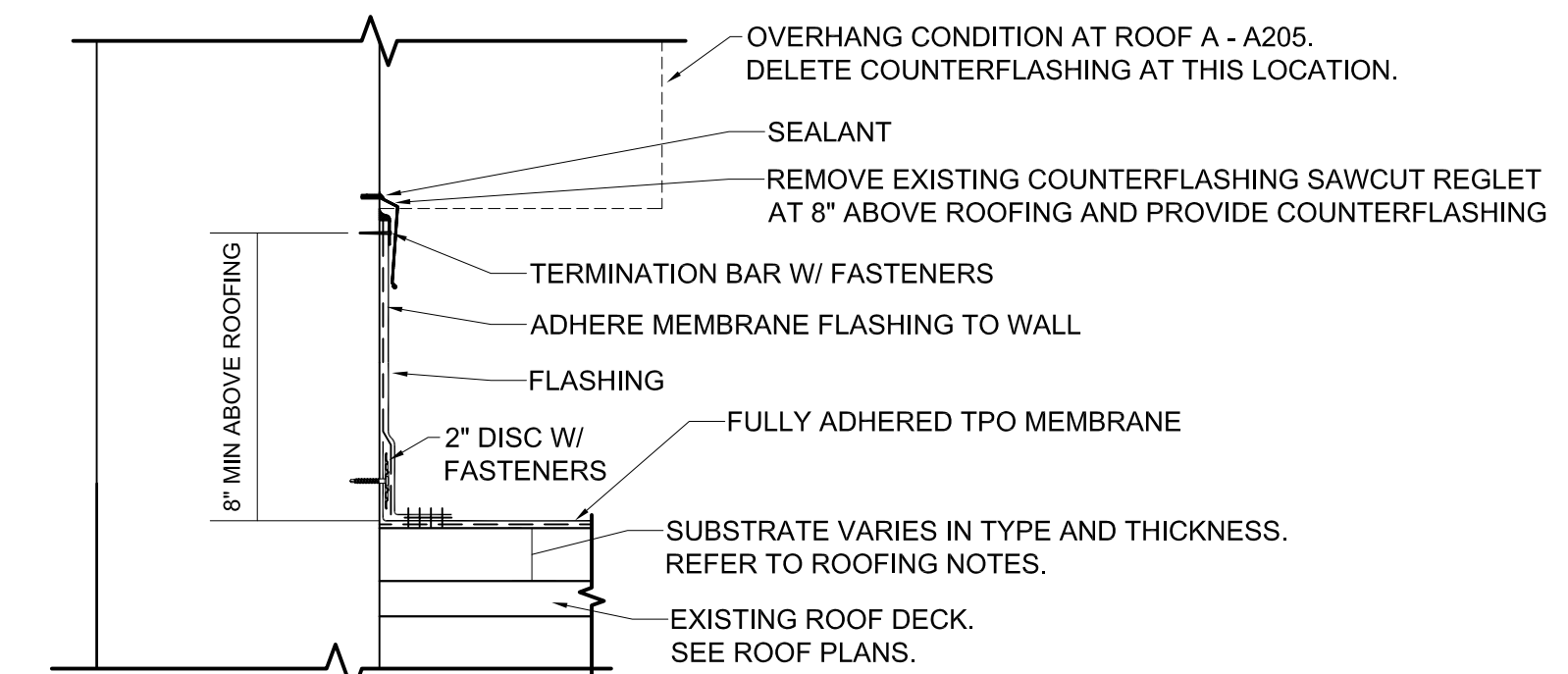


NOTE: RAISE CURB TO 8" ABOVE ROOFING AT ANY LOCATION WHERE EXISTING CONDITION IS LESS THAN 8"

4 MECHANICAL CURB DETAIL
SCALE: 1/2" = 1'-0"

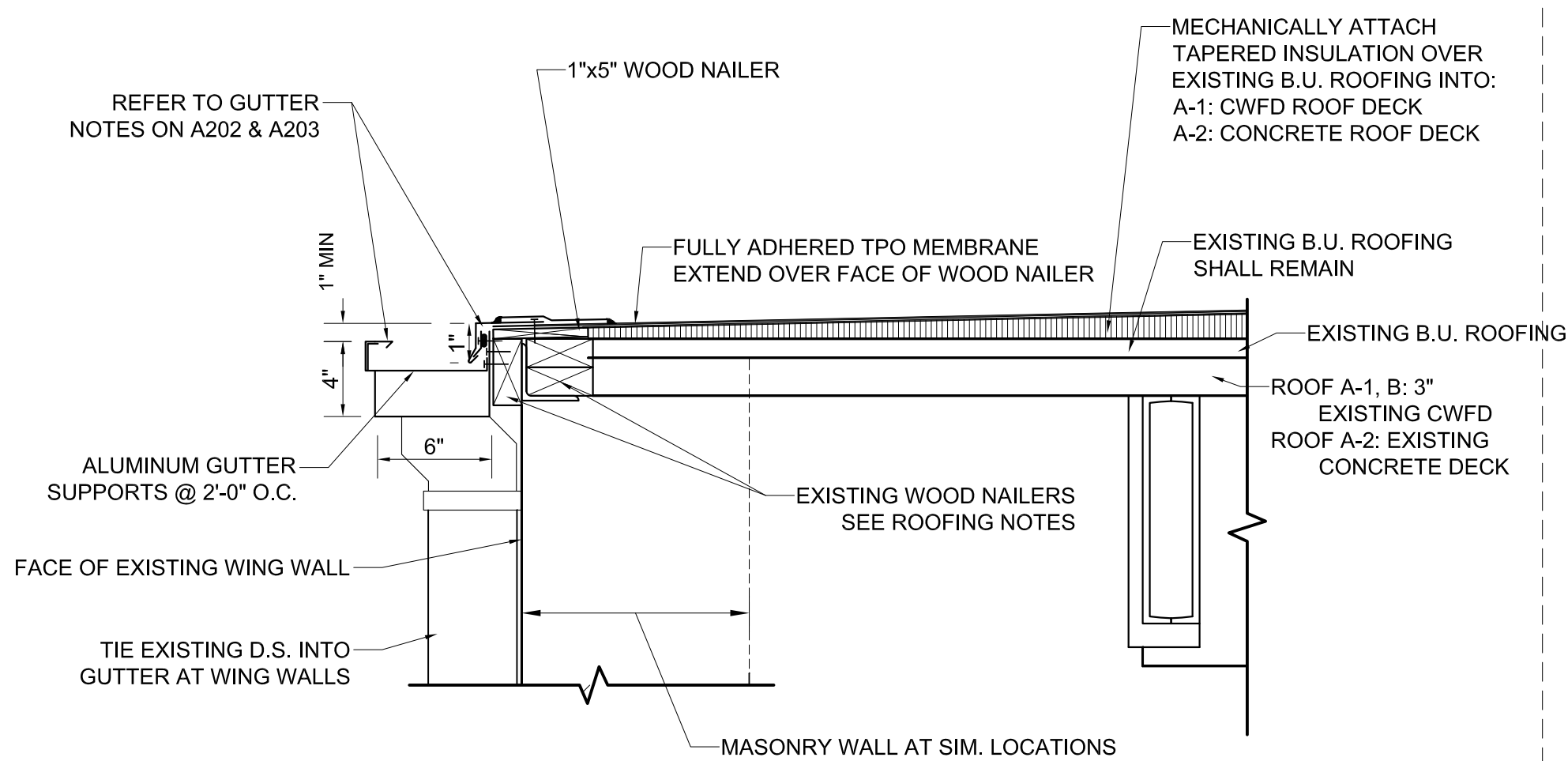


5 ROOF DRAIN DETAIL
SCALE: 1/2" = 1'-0"

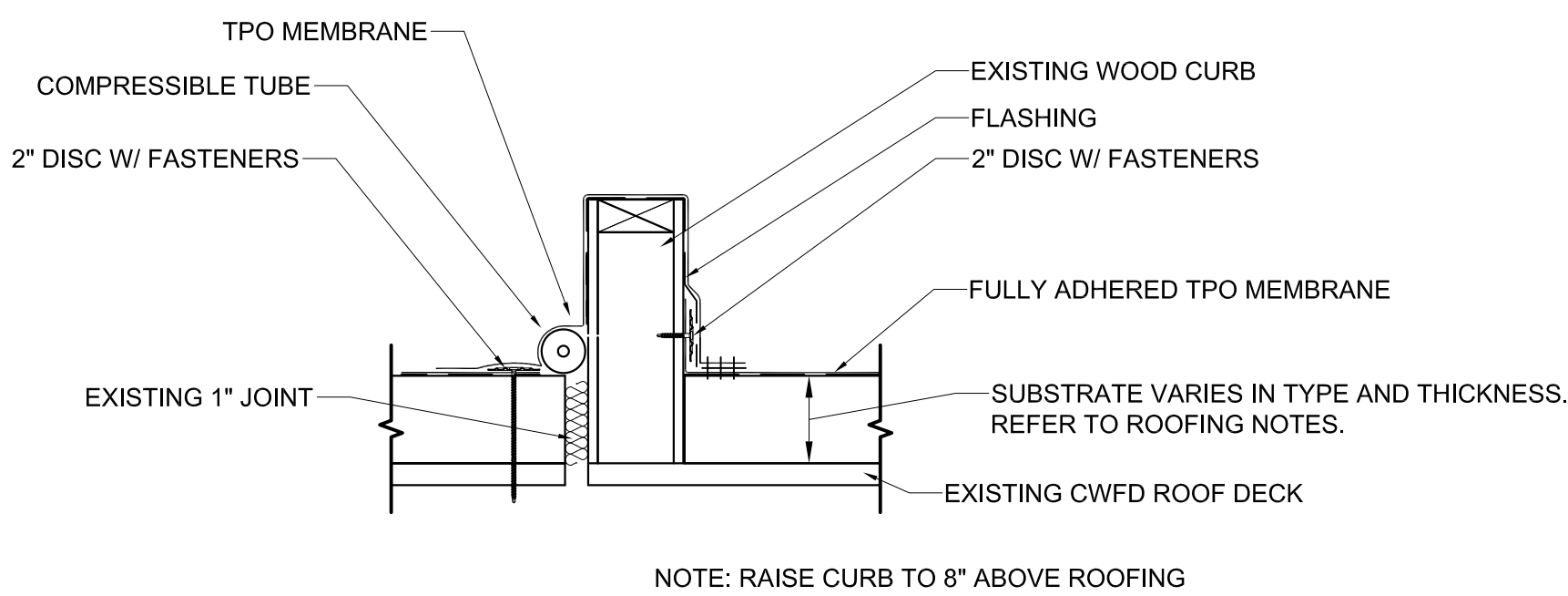


NOTE
SEE ROOF A - A205 FOR SIMILAR CONDITION WITH OVERHANG

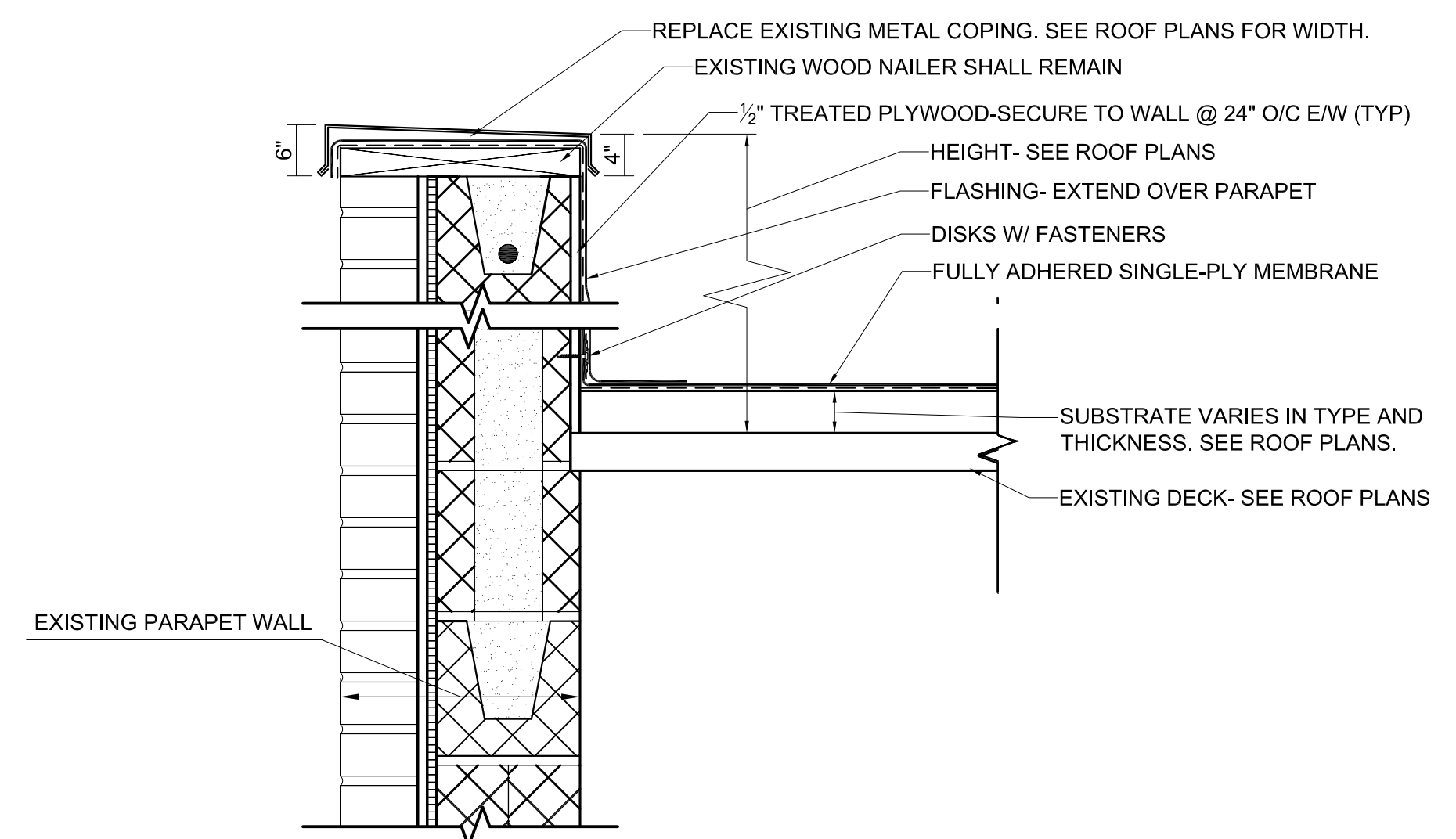
6 BASE OF WALL DETAIL
SCALE: 1/2" = 1'-0"



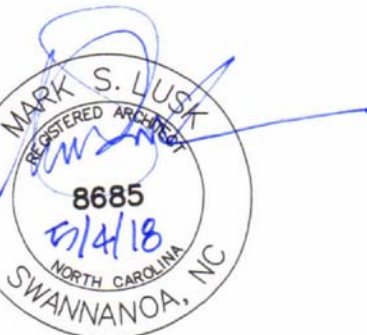
7 ROOF EDGE TERMINATION
SCALE: 1/2" = 1'-0"



8 EXPANSION JOINT DETAIL
SCALE: 1/2" = 1'-0"



9 DETAIL
SCALE: 1/2" = 1'-0"



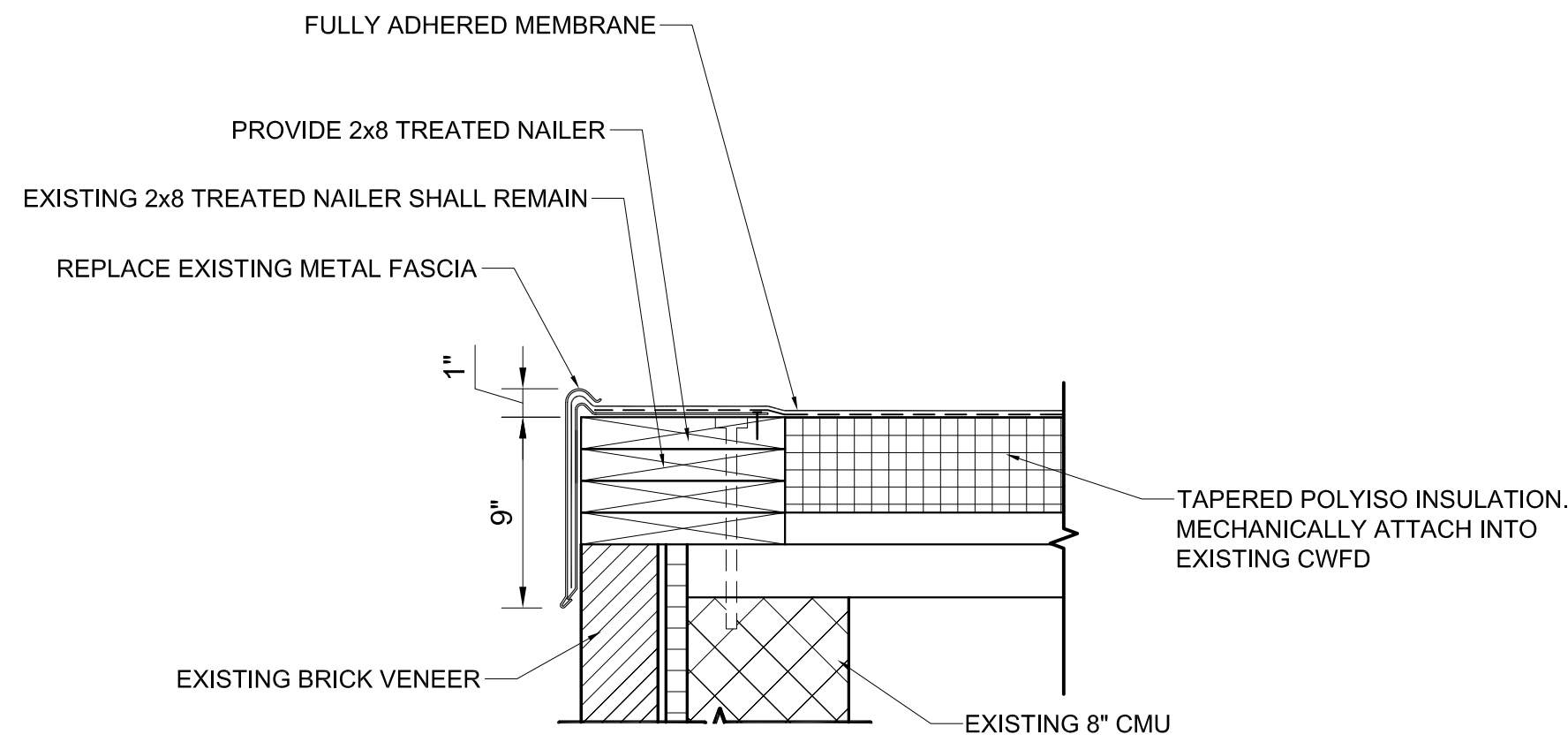
HENDERSON COUNTY PUBLIC SCHOOLS ROOF REPLACEMENTS & HMS GYM VENTILATION

Project Number: 18002
Checked:
Drawn: A. Rognas
Date: 5/4/18
Revisions:

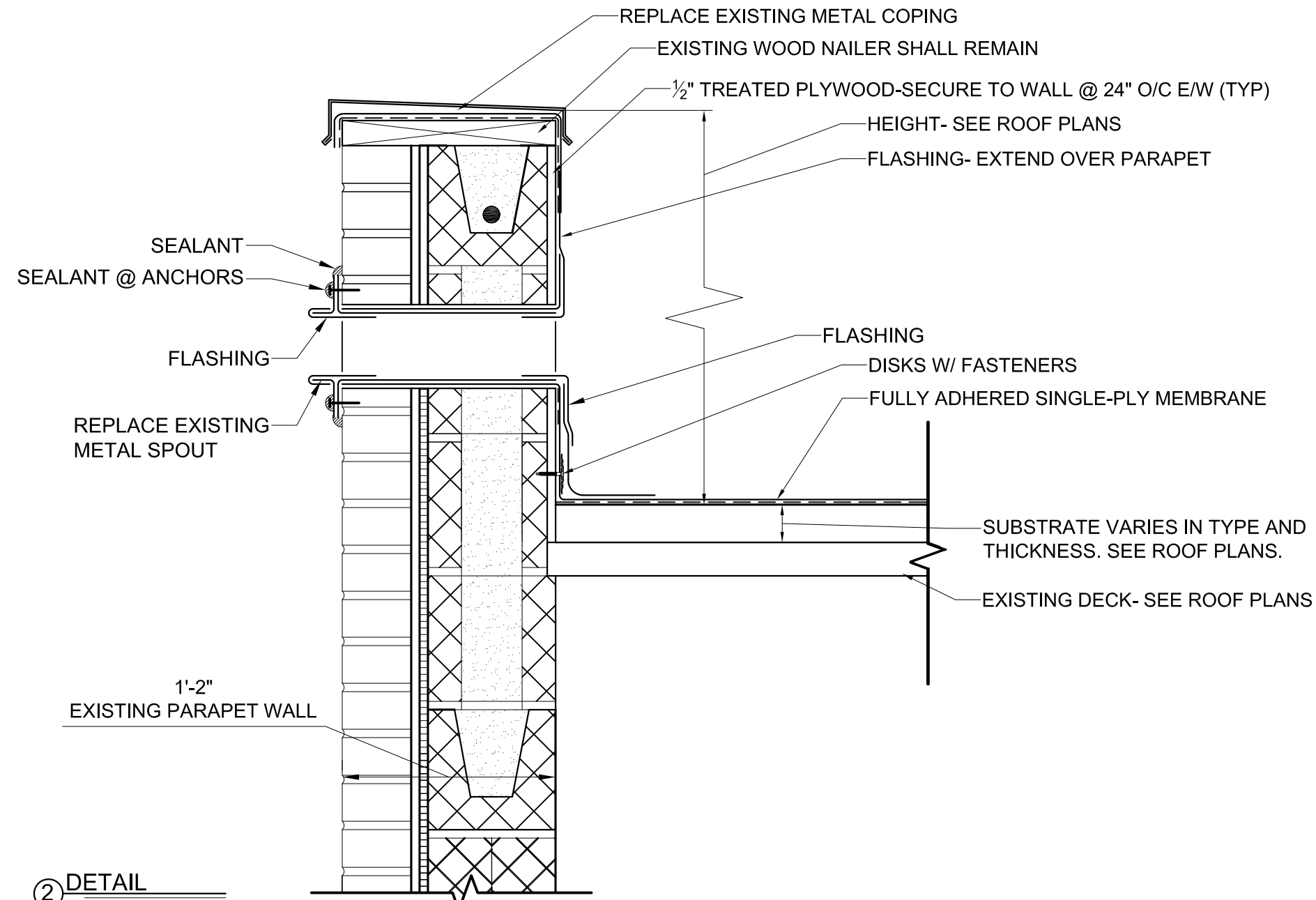
Details

A301

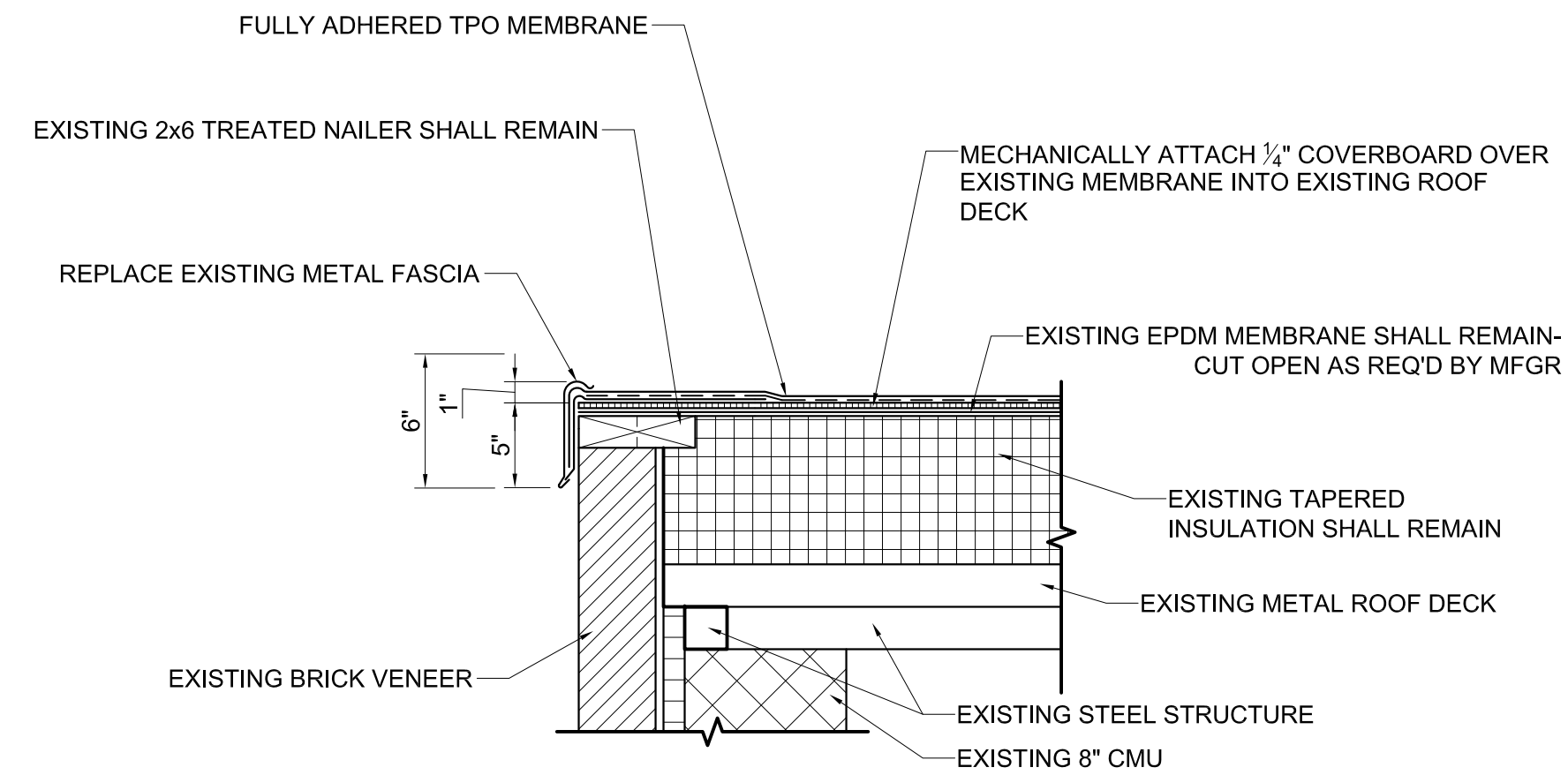
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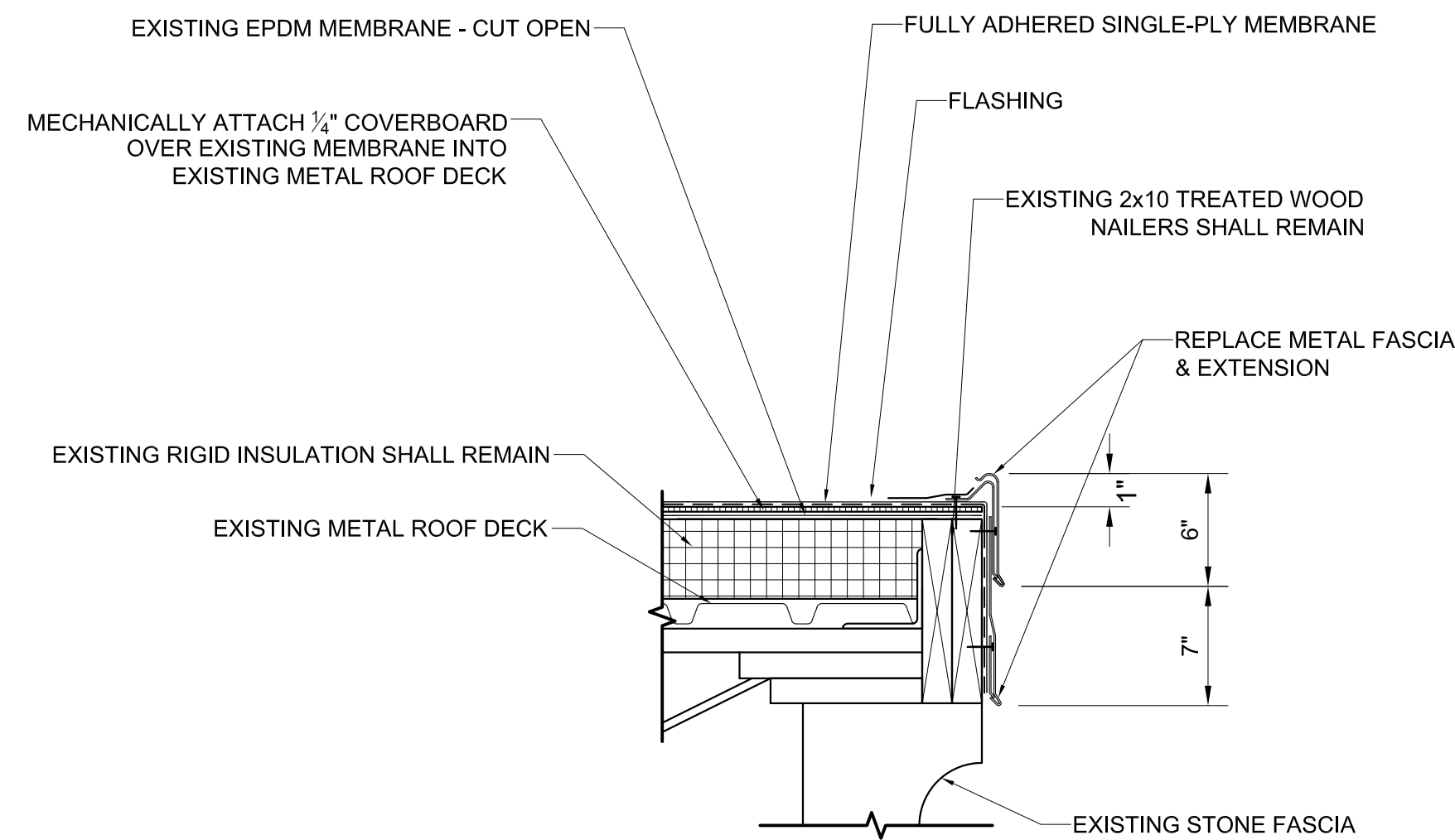
1 ROOF EDGE TERMINATION
SCALE: 1 1/2" = 1'-0"



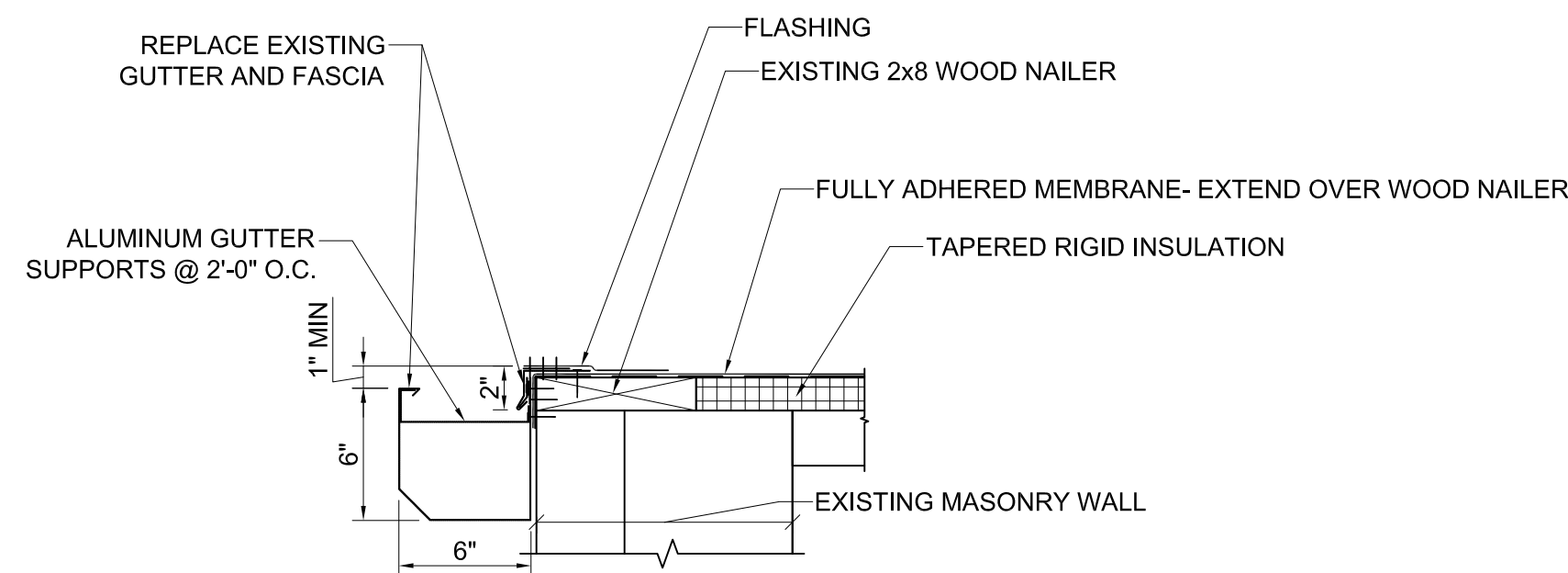
2 DETAIL
SCALE: 1 1/2" = 1'-0"



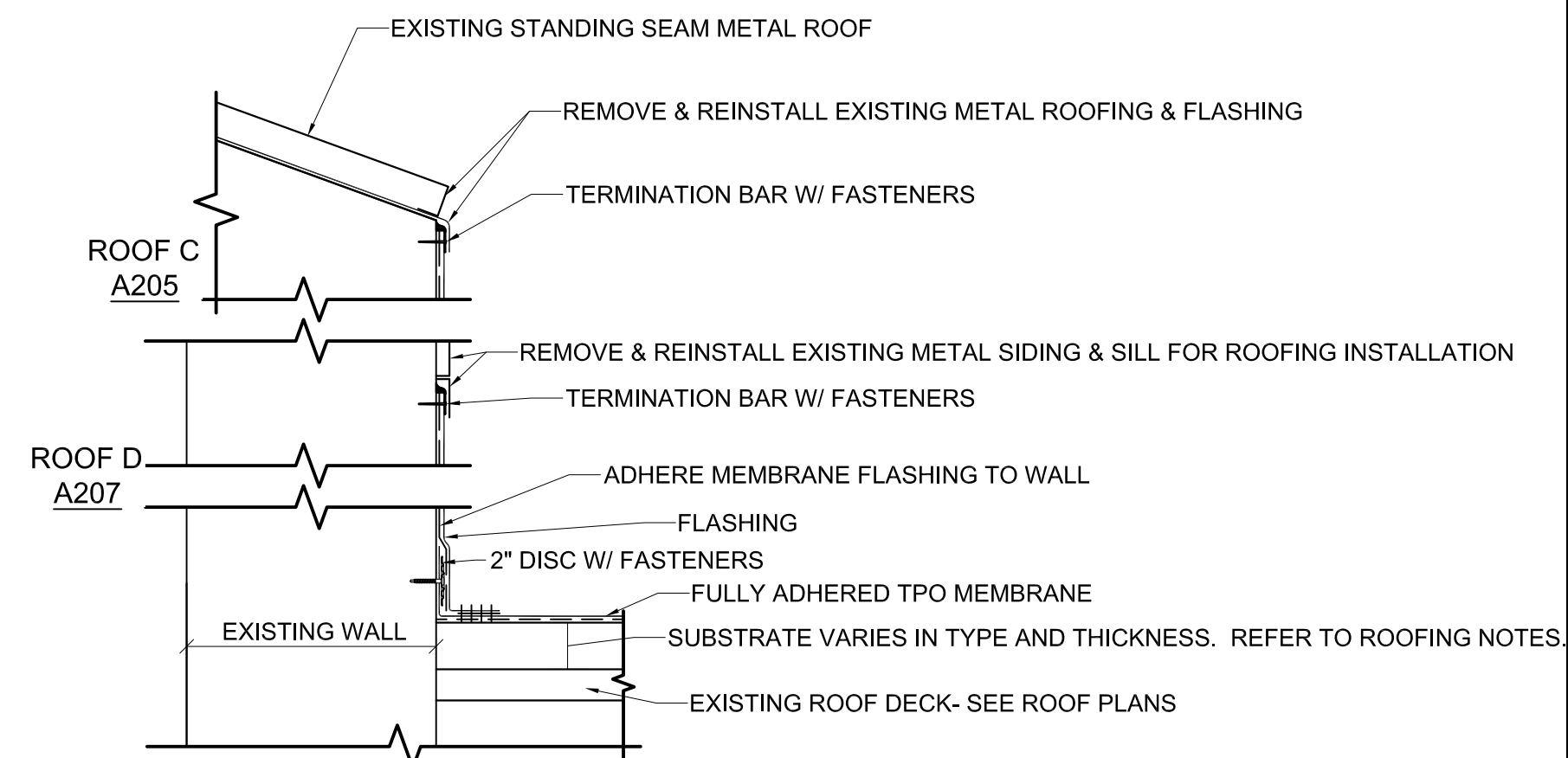
3 ROOF EDGE TERMINATION
SCALE: 1 1/2" = 1'-0"



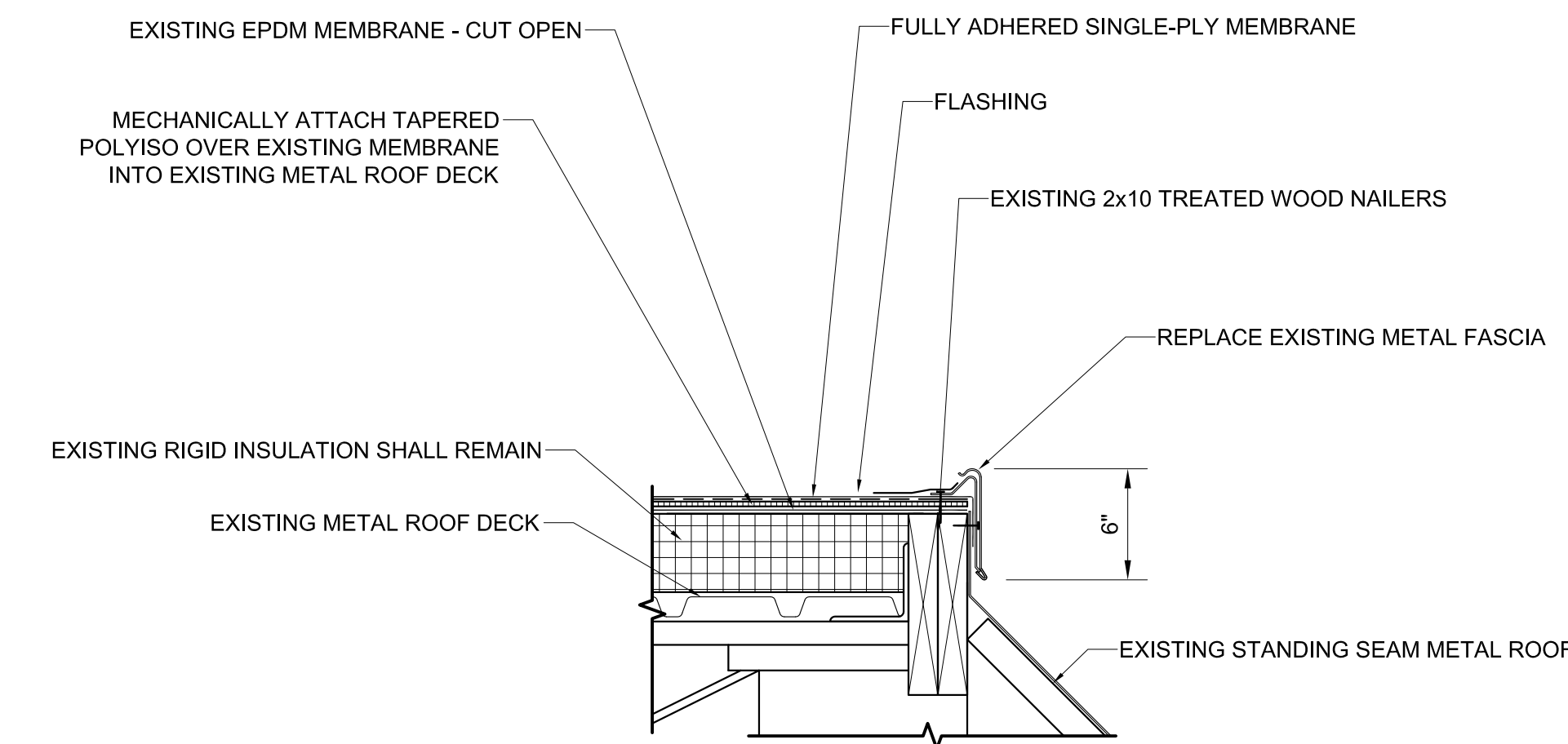
4 ROOF EDGE TERMINATION
SCALE: 1 1/2" = 1'-0"



5 ROOF EDGE TERMINATION - WITH GUTTER
SCALE: 1 1/2" = 1'-0"



6 BASE OF WALL DETAIL
SCALE: 1 1/2" = 1'-0"



7 ROOF EDGE TERMINATION
SCALE: 1 1/2" = 1'-0"

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HENDERSON COUNTY PUBLIC SCHOOLS ROOF REPLACEMENTS & HMS GYM VENTILATION

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Drawn: A. Rognas

Date: 5/4/18

Revisions:

Details

A302