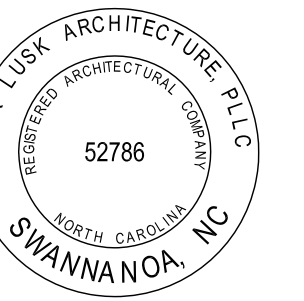


# DANA & ETOWAH ELEMENTARY GYM ROOFS REPLACEMENTS

MARK LUSK ARCHITECTURE PLLC  
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HENDERSON COUNTY PUBLIC SCHOOLS

## CONTACTS

### OWNER REPRESENTATIVE

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| LIST OF DRAWINGS |                                 |
|------------------|---------------------------------|
| T101             | COVER SHEET                     |
| ARCHITECTURAL    |                                 |
| A201             | DANA ELEMENTARY GYM ROOF PLAN   |
| A202             | ETOWAH ELEMENTARY GYM ROOF PLAN |
| A301             | DETAILS                         |

#### 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:  
DANA ELEMENTARY GYM ROOF- 7,550 SF  
ETOWAH ELEMENTARY GYM ROOF- 7,550 SF
- REPLACE= REMOVE EXISTING AND PROVIDE AS SHOWN AND SPECIFIED

DANA & ETOWAH  
ELEMENTARY  
GYM ROOFS  
REPLACEMENTS

Project Number: 19013

Checked: \_\_\_\_\_

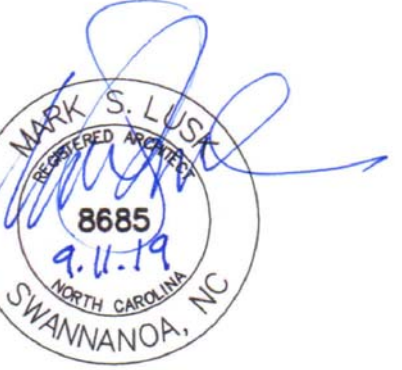
Drawn: A. Rognas

Date: 9/11/19

Revisions: \_\_\_\_\_

COVER SHEET

T101



**ROOFING NOTES**

1. CUT OPEN IN A GRID PATTERN THE EXISTING PVC MEMBRANE WHICH SHALL REMAIN. REMOVE FLASHING FROM EDGES AND CHIMNEY. EXISTING ROOFING COMPONENTS ARE AS FOLLOWS:

- PVC MEMBRANE
- ¼" UNDERLAYMENT BOARD
- ¾" FIBERBOARD
- WOOD PLANK ROOF DECK

2. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM AND UNDERLAYMENT BOARD OVER EXISTING PVC MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING WOOD PLANK ROOF DECK. FASTENERS SHALL NOT PENETRATE THROUGH EXISTING WOOD PLANK ROOF DECK WHICH IS EXPOSED TO THE INTERIOR.

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

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

5. PROVIDE PROTECTIVE MEASURES AT EXISTING ROOFS BELOW GYM ROOF. CONTRACTOR SHALL BE RESPONSIBLE FOR WARRANTY REPAIRS AND DAMAGES RESULTING FROM LEAKS INCURRED DURING WORK.

6. ROOFING CONDITIONS SHALL BE WATERTIGHT DURING RAIN EVENTS OR OVERNIGHT WHILE WORK IS IN PROGRESS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES RESULTING FROM LEAKS INCURRED DURING WORK.

**GENERAL NOTES**

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

2. WORK SHALL BE COORDINATED WITH SCHOOL SCHEDULES.

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

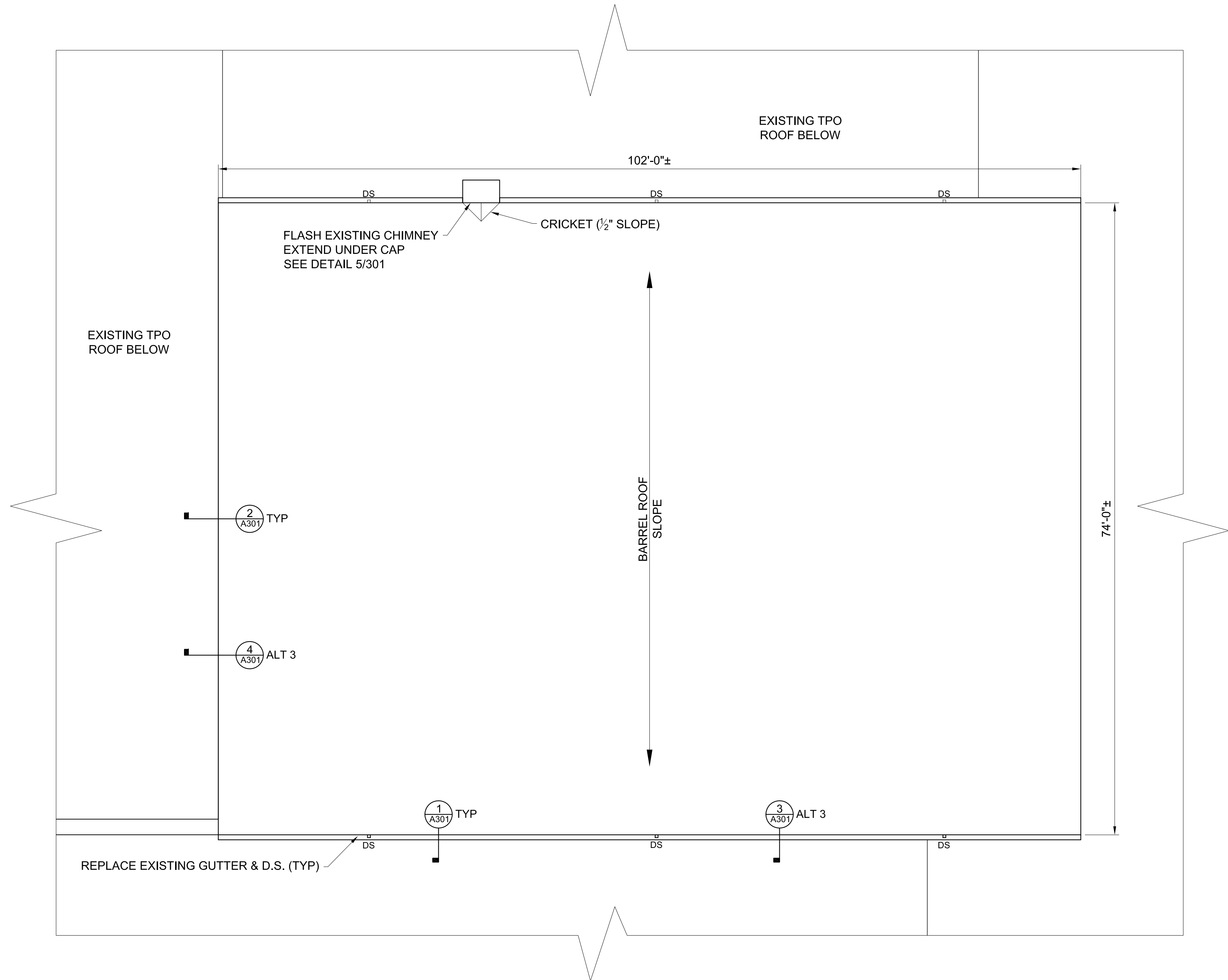
4. CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH THE AHJ. COSTS FOR PERMITS SHALL BE INCLUDED IN WORK. PROVIDE INSPECTION DOCUMENTS TO THE OWNER.

**ALTERNATES**

1. REPLACE EXISTING METAL FASCIA CLADDING AT RAKES AND EAVES AT ETOWAH.

2. REPLACE EXISTING METAL FASCIA CLADDING AT RAKES AT DANA.

3. PROVIDE 2.6" POLYISO INSULATION IN LIEU OF ¼" UNDERLAYMENT BOARD.



**DANA ELEMENTARY GYM ROOF PLAN**  
SCALE: 1/8"=1'-0"

**DANA & ETOWAH  
ELEMENTARY  
GYM ROOFS  
REPLACEMENTS**

Project Number: 19013

Checked: \_\_\_\_\_

Drawn: A. Rognas

Date: 9/11/19

Revisions: \_\_\_\_\_

**DANA  
ELEMENTARY  
GYM ROOF  
PLAN**

**A201**



**ROOFING NOTES**

1. CUT OPEN IN A GRID PATTERN THE EXISTING PVC MEMBRANE WHICH SHALL REMAIN. REMOVE FLASHING FROM EDGES AND CHIMNEY. EXISTING ROOFING COMPONENTS ARE AS FOLLOWS:

- PVC MEMBRANE
- 1/2" FIBERBOARD
- ASPHALT FELT
- WOOD PLANK ROOF DECK

2. PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE ROOFING SYSTEM AND UNDERLAYMENT BOARD OVER EXISTING PVC MEMBRANE. ATTACH UNDERLAYMENT BOARD THROUGH INTO EXISTING WOOD PLANK ROOF DECK. FASTENERS SHALL NOT PENETRATE THROUGH EXISTING WOOD PLANK ROOF DECK WHICH IS EXPOSED TO THE INTERIOR.

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

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

5. PROVIDE PROTECTIVE MEASURES AT EXISTING ROOFS BELOW GYM ROOF. CONTRACTOR SHALL BE RESPONSIBLE FOR WARRANTY REPAIRS AND DAMAGES RESULTING FROM LEAKS INCURRED DURING WORK.

6. ROOFING CONDITIONS SHALL BE WATERTIGHT DURING EVENTS OR OVERNIGHT WHILE WORK IS IN PROGRESS. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES RESULTING FROM LEAKS INCURRED DURING WORK.

**GENERAL NOTES**

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

2. WORK SHALL BE COORDINATED WITH SCHOOL SCHEDULES.

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

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

**ALTERNATES**

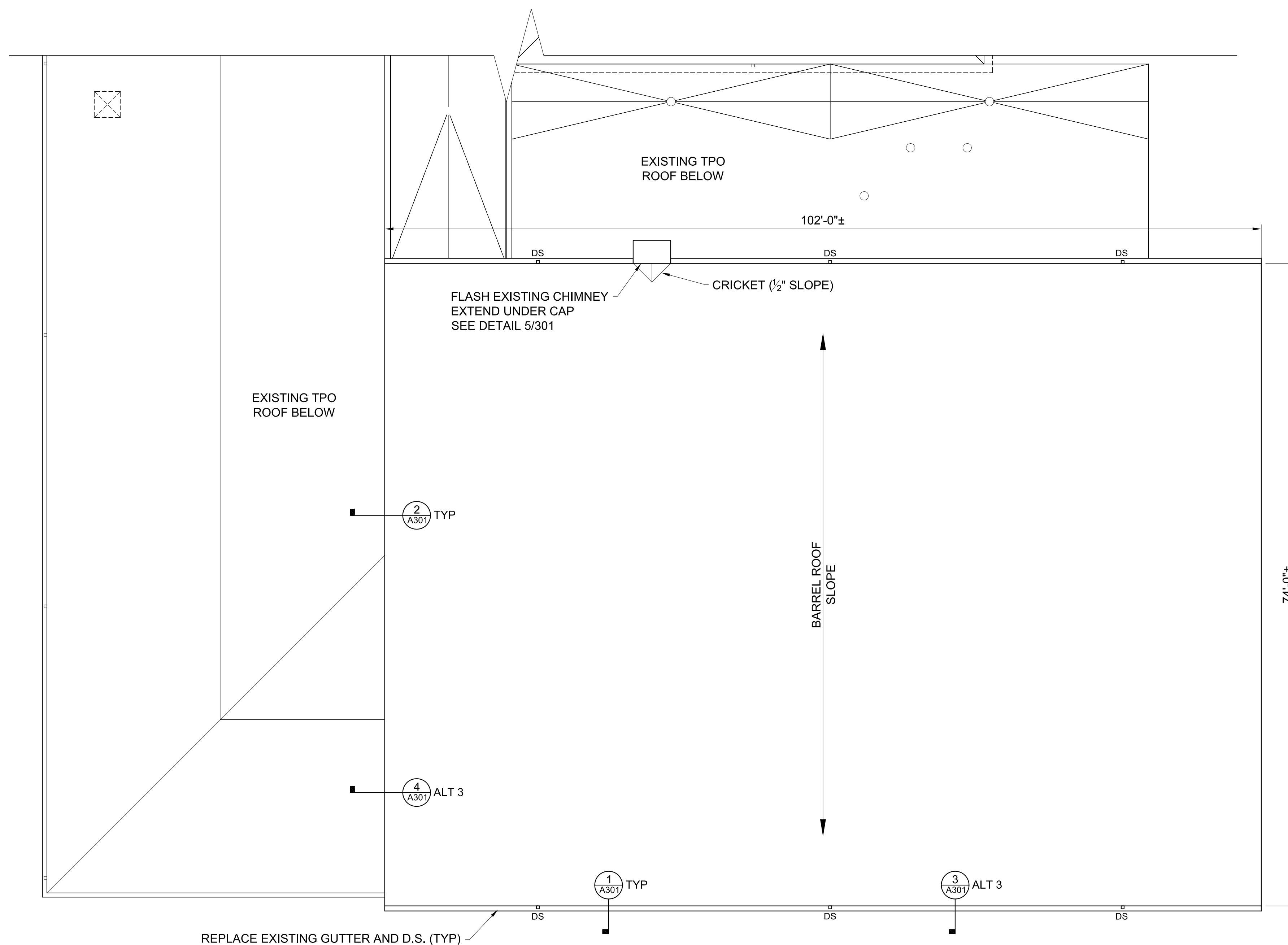
1. REPLACE EXISTING METAL FASCIA CLADDING AT RAKES AND EAVES AT ETOWAH.

2. REPLACE EXISTING METAL FASCIA CLADDING AT RAKES AT DANA.

3. PROVIDE 2.6" POLYISO INSULATION IN LIEU OF 1/4" UNDERLAYMENT BOARD.

**ETOWAH NOTES**

1. REPLACE EXISTING 2x12 WOOD FASCIA & METAL CLADDING AT BOTH EAVES.



REPLACE EXISTING GUTTER AND D.S. (TYP)

**ETOWAH ELEMENTARY GYM ROOF PLAN**  
SCALE: 1/4"=1'-0"



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**DANA & ETOWAH  
ELEMENTARY  
GYM ROOFS  
REPLACEMENTS**

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Drawn: A. Rognas

Date: 9/11/19

Revisions: \_\_\_\_\_

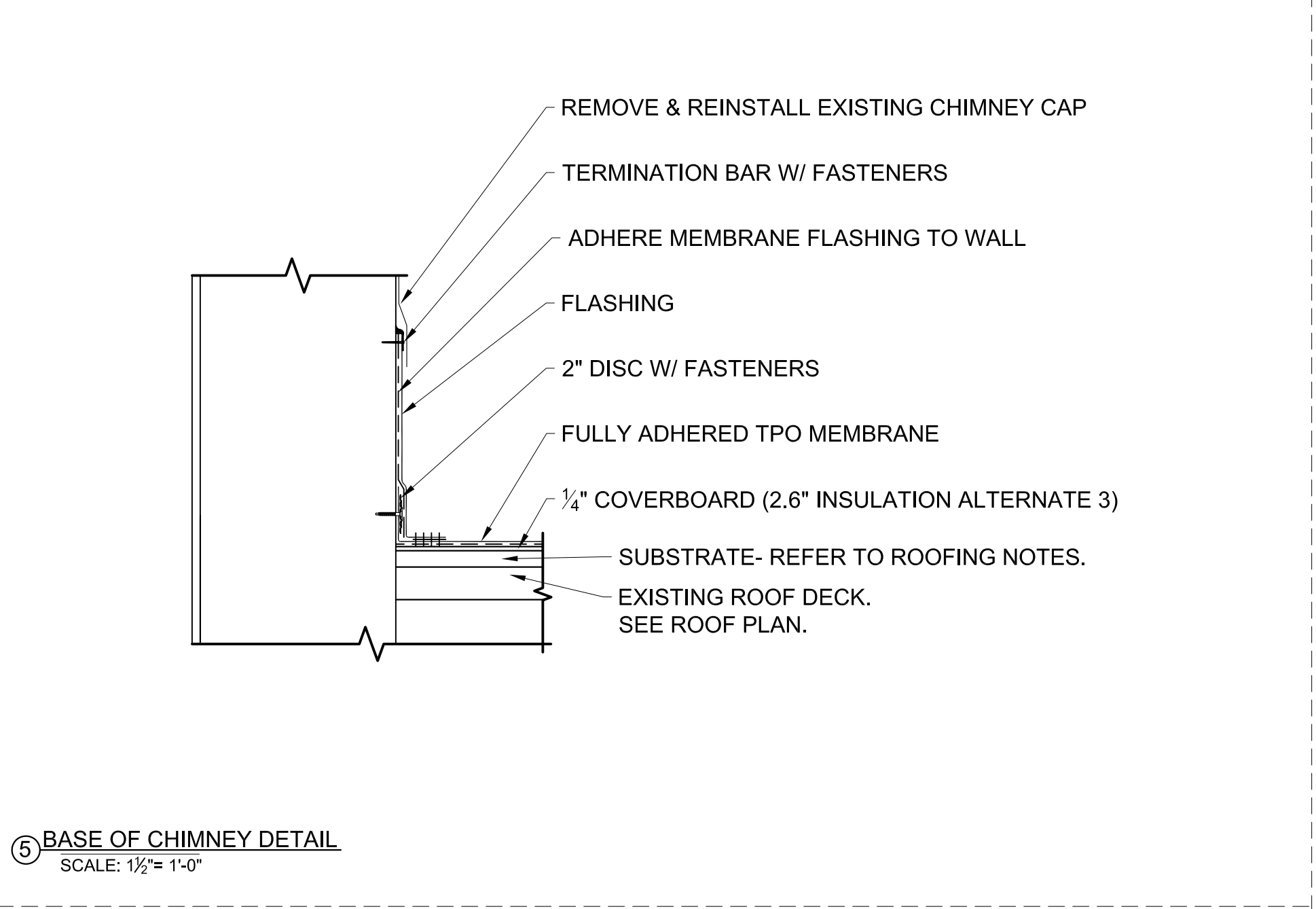
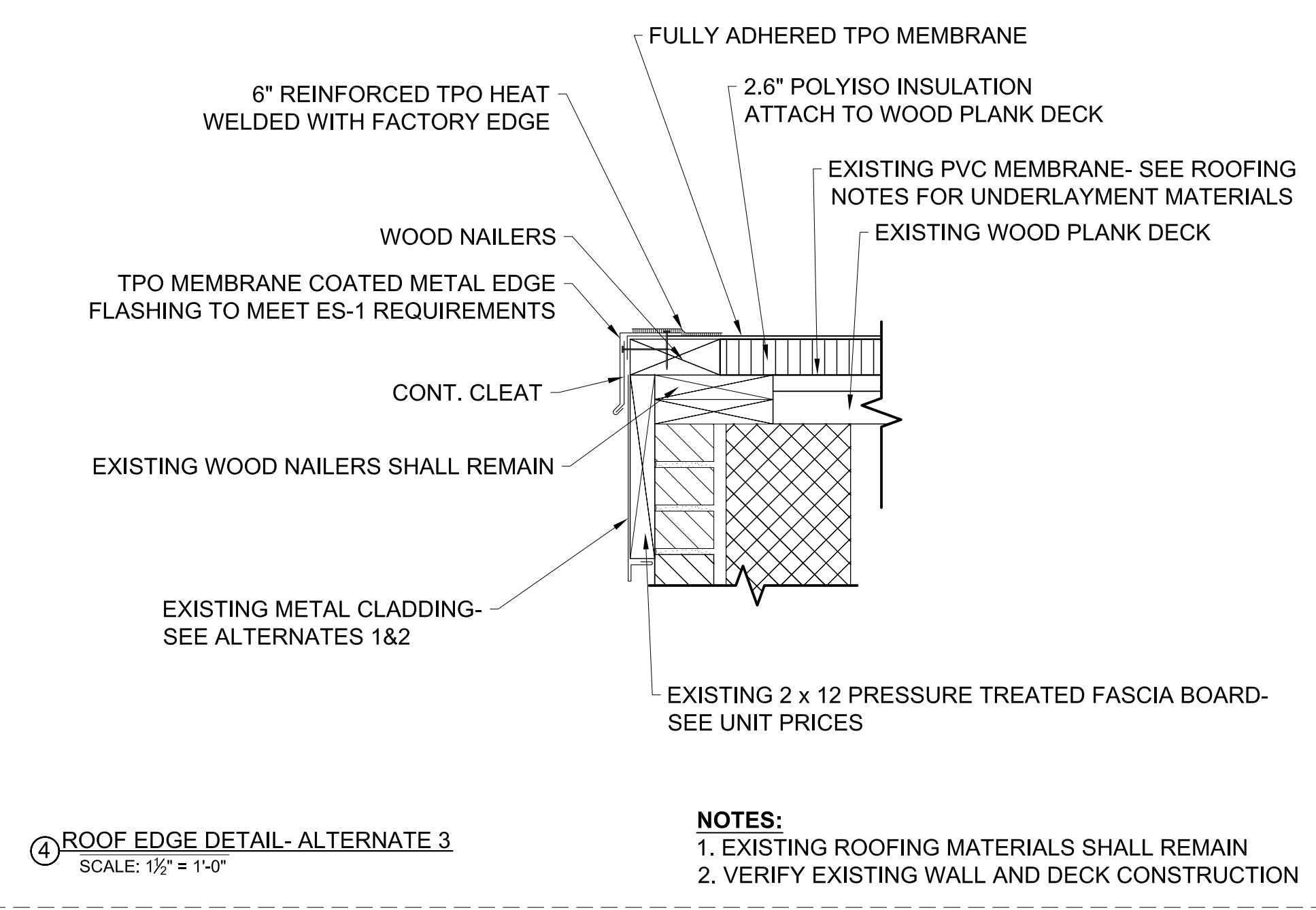
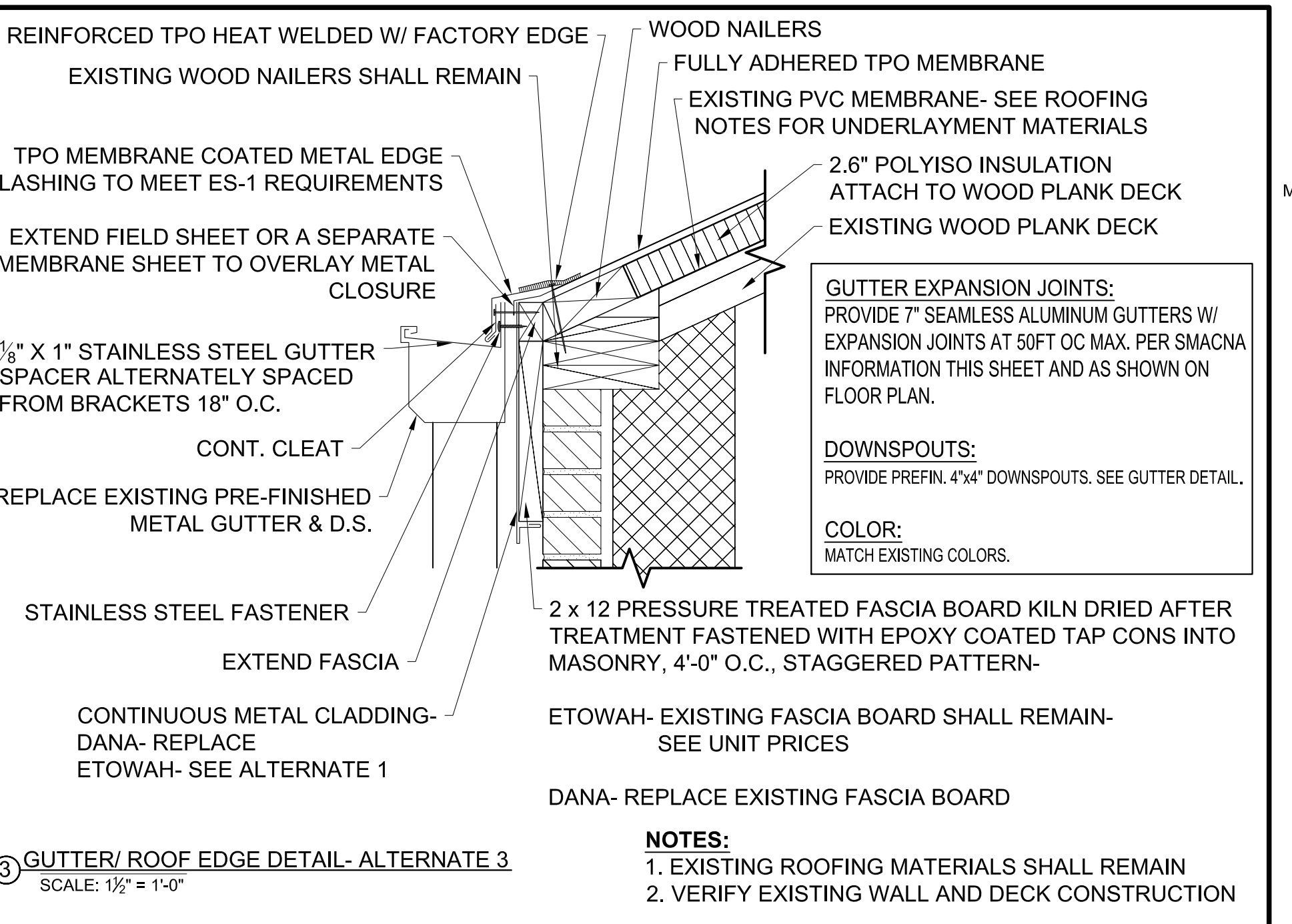
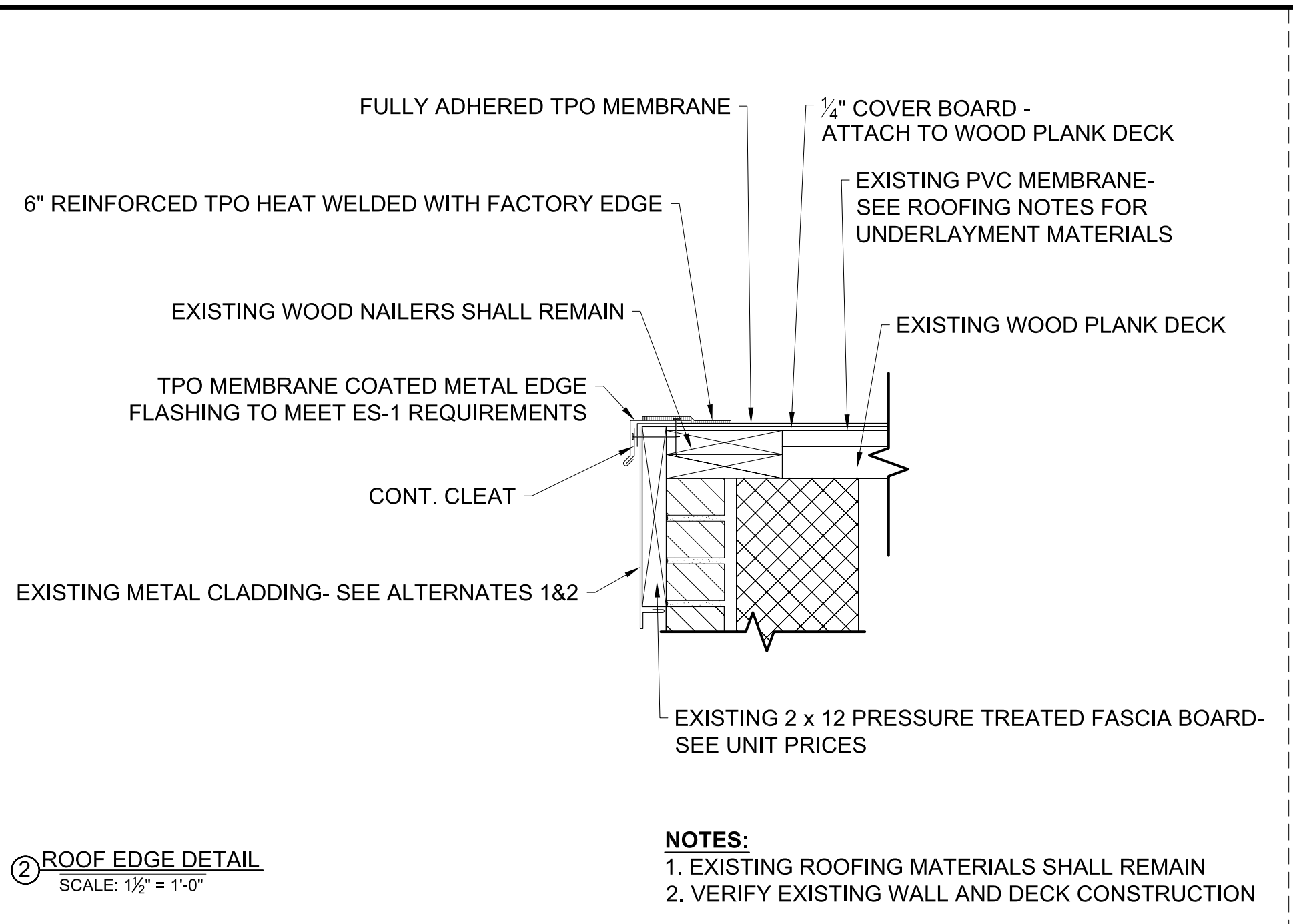
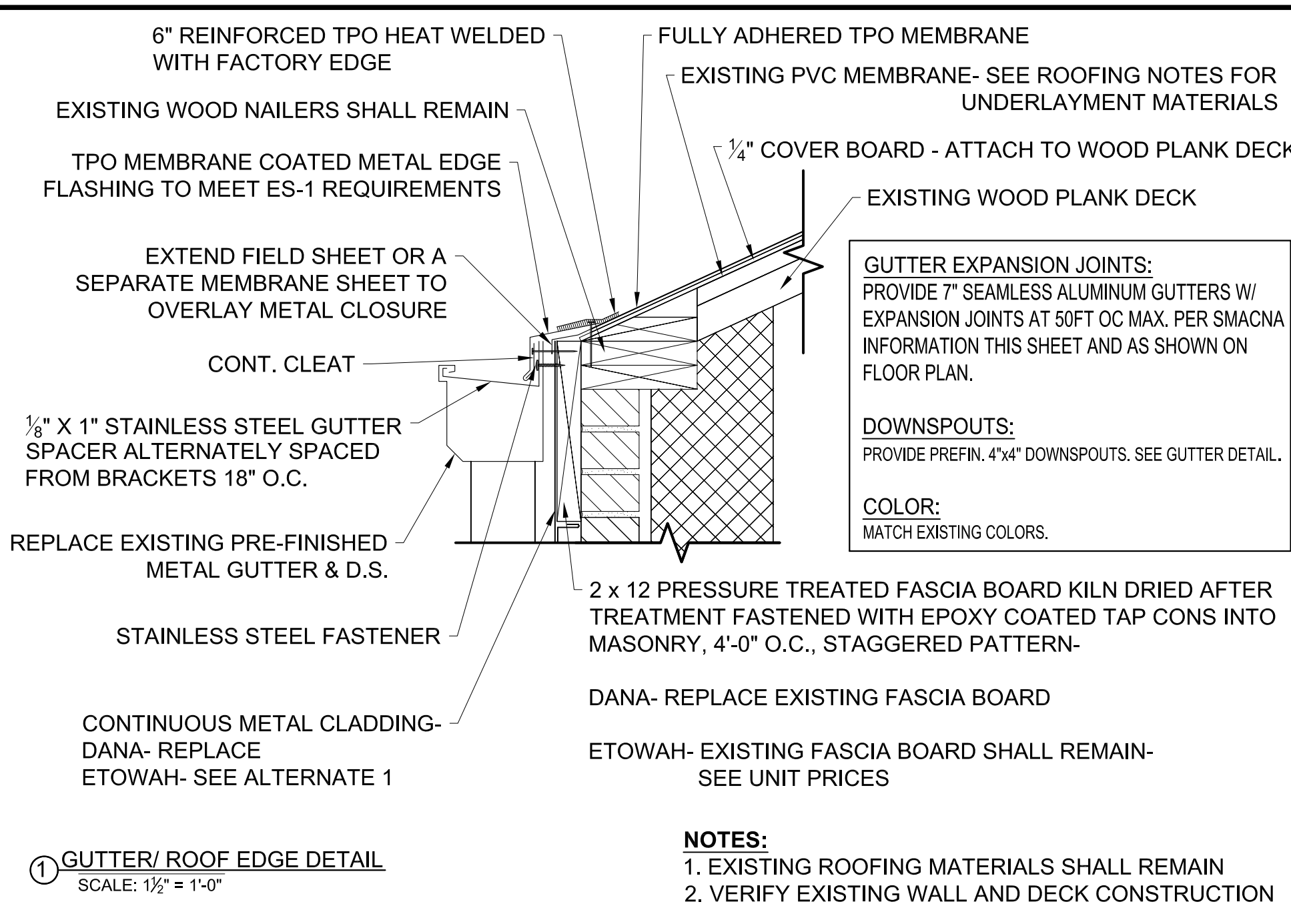
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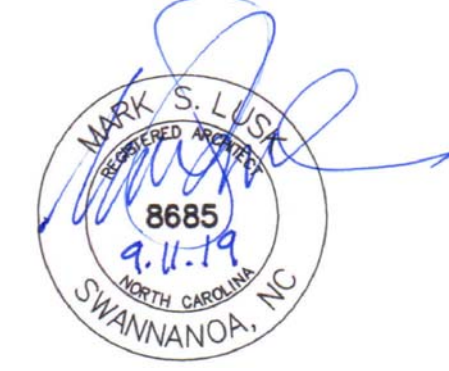
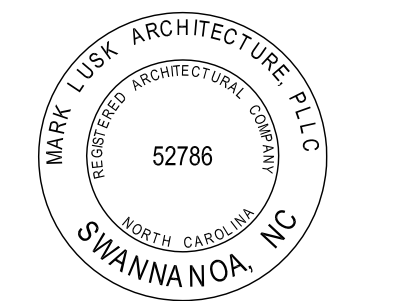
**ETOWAH  
ELEMENTARY  
GYM ROOF  
PLAN**

**A202**

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