

# The Barnes Museum Partial Roof Replacement The Town of Southington

85 North Main Street  
Southington, Connecticut



## DRAWING LIST:

CS - Cover Sheet  
A1 - Overall Roof Plan  
A2 - Roof Details



SILVER / PETRUCELLI + ASSOCIATES  
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Date, 05/07/2019

**SYMBOL LEGEND**

- (X/XX) - PLAN, SECTION, DETAIL OR ELEVATION NUMBER - SHEET NUMBER.
- - - - - EXISTING OUTLINE OF BUILDING.
- SLOPE  
Sl → - INDICATES SLOPE DIRECTION OF TAPERED INSULATION AT 1/4" FT. MIN.
- ↘ - TAPERED INSULATION CRICKET SLOPED @ 1/2" PER FOOT.
- V.I.F. - CONTRACTOR TO VERIFY DIMENSION IN FIELD.
- H.P. - INDICATES HIGH POINT OF INSULATION.
- M.G. - NEW METAL GUTTER. SEE DETAIL 1/A1
- D.S. - NEW METAL DOWNSPOUT. SEE PROJECT MANUAL.
- E.W. - EXISTING WINDOW TO REMAIN. SEE DETAIL 2/A1
- E.R. - EXISTING WOOD RAIL SYSTEM TO BE REMOVED. SEE DEMO NOTE #3

**GENERAL NOTES**

1. ALL FLAT ROOFS TO RECEIVE 1/2" PER FOOT TAPERED RIGID INSULATION MINIMUM UNLESS OTHERWISE NOTED.
2. FIELD VERIFY ALL DIMENSIONS & PERFORM TEST CUTS AT EACH ROOF PRIOR TO THE BID.
3. ALL MATERIALS ARE NEW UNLESS OTHERWISE NOTED 'EXISTING'.
4. ALL WOOD BLOCKING, PLYWOOD & HALTERS TO BE PRESSURE TREATED. (P.T.)
5. ALL WOOD BLOCKING INDICATED IN DETAILS ARE TO BE ANCHORED TO THE EXISTING STRUCTURE.
6. ALL MEMBRANE FLASHING INDICATED IS TO EXTEND A MINIMUM OF 8" (VERTICAL OR HORIZONTAL)
7. CONTRACTOR IS TO SURVEY THE EXISTING ROOF DECKS W/A LEVEL (AFTER DEMOLITION) TO VERIFY THE SLOPES INDICATED ON PLAN ARE ACCURATE. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY ADDITIONAL ROOFING OPERATIONS.
8. CONTRACTOR IS TO INSPECT THE UNDERSIDE OF ALL ROOF DECKS PRIOR TO ROOFING OPERATIONS TO INSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE PERCED OR DAMAGED.
9. CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING PROJECT & WILL REPLACE ANY & ALL DAMAGED EQUIPMENT W/NO ADDITIONAL COST TO OWNER.
10. SITE AREAS DISTURBED SHALL BE CLEANED & RE-LEVELLED, W/LAWN AREAS MAGNETICALLY RAKED TO REMOVE ANY METAL DEBRIS & RE-SEED AS REQUIRED TO MATCH ADJACENT CONDITIONS.
11. CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR CLEAN UP OF ROOFING MATERIALS & DEBRIS THAT PENETRATES THE INTERIOR ENVELOPE OF THE BUILDING W/NO ADDITIONAL COST TO THE OWNER.
12. ALL ANTENNAE, CONDUITS & ANY OTHER OBJECTS TO REMAIN AFFECTED BY SCOPE OF WORK, TO BE REMOVED & REINSTALLED.

**DEMOLITION NOTES (X) →**

1. REMOVE ALL MODIFIED BITUMINOUS, INSULATION & EXISTING ROOFING MEMBRANE.
2. REMOVE ALL EXISTING METAL GUTTERS & DOWNSPOUTS.
3. REMOVE ALL DETERIORATED WOODEN POSTS, SPINDLES, TOP/ BOTTOM RAILS & DISPOSE.

**CONSTRUCTION NOTES (X) →**

1. INSTALL NEW WOODEN BALUSTER, MATCH THE EXISTING WOOD PROFILES. SEE DETAIL 4/A2
2. CONTRACTOR TO SCRAPE PRIME & PAINT ALL EXISTING WOOD SUPPORT COLUMNS, REMOVE ANY DAMAGED WOOD TRIM & REPLACE IN KIND. SEE PROJECT MANUAL FOR BID ALLOWANCE INFO.
3. CONTRACTORS TO PROVIDE BID ALLOWANCE FOR INTERIOR REPAIRS/ RESTORATION, INCLUDING PLASTER REPAIRS, WOOD TRIM & WALL PAPER REPAIRS. SEE PROJECT MANUAL FOR BID ALLOWANCE INFO.

**ROOF AREAS**

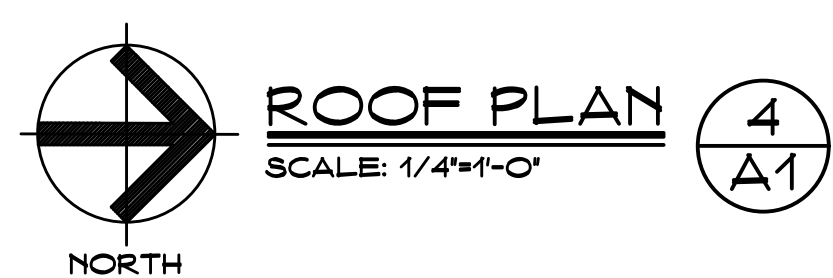
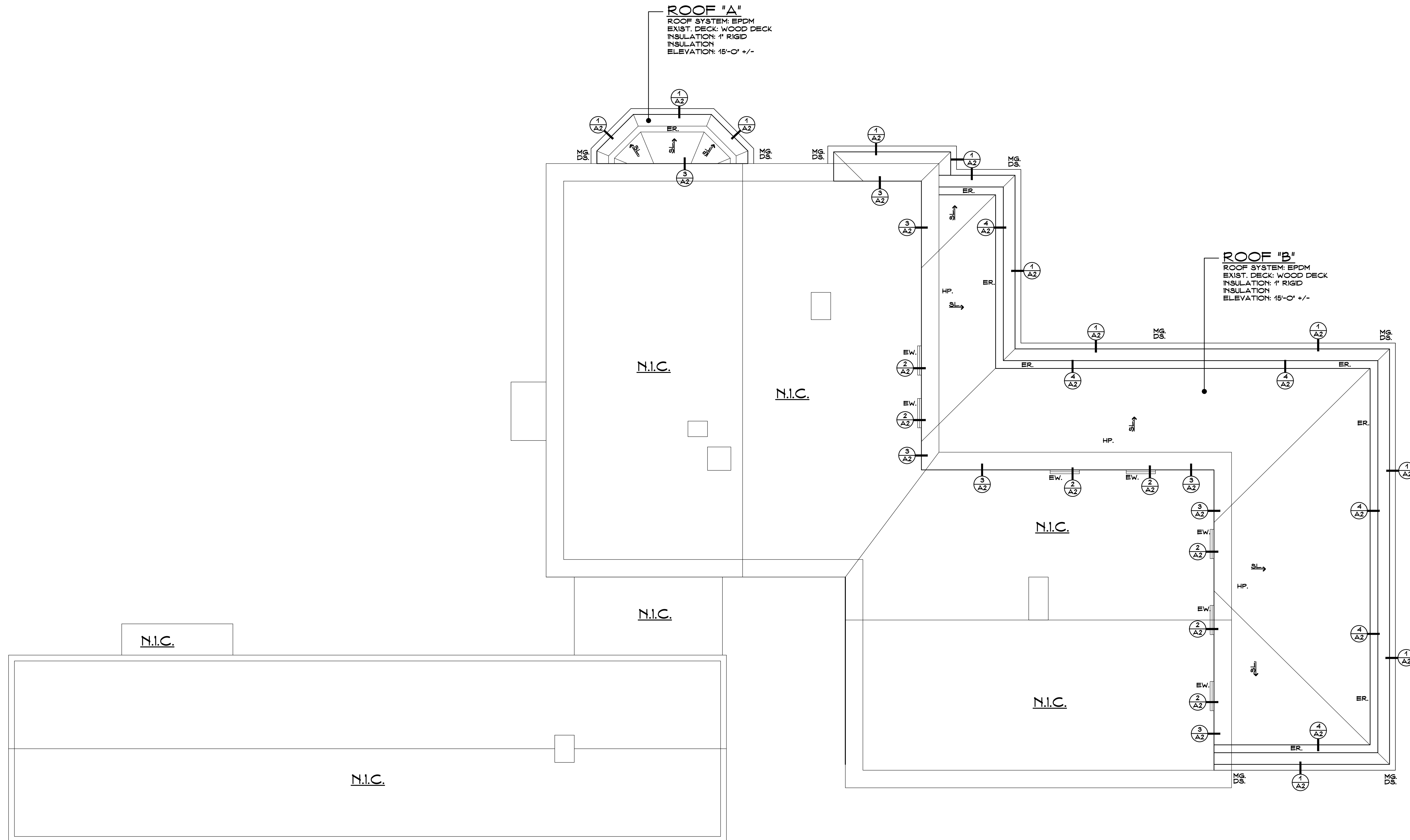
ROOF 'A' 53 SF.  
 ROOF 'B' 980 SF.  
 TOTAL FLAT ROOFS: 1033 SF.  
 THIS AREA IS APPROXIMATE- V.I.F.

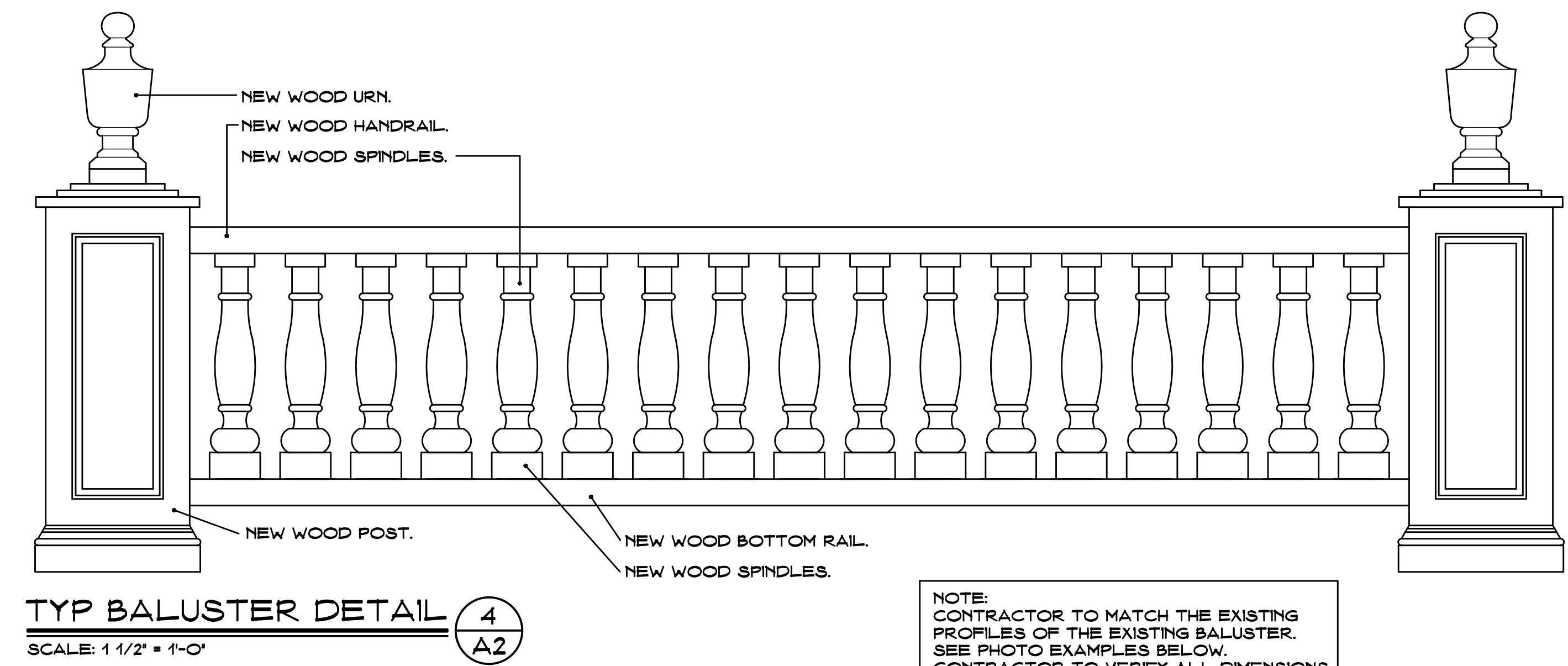
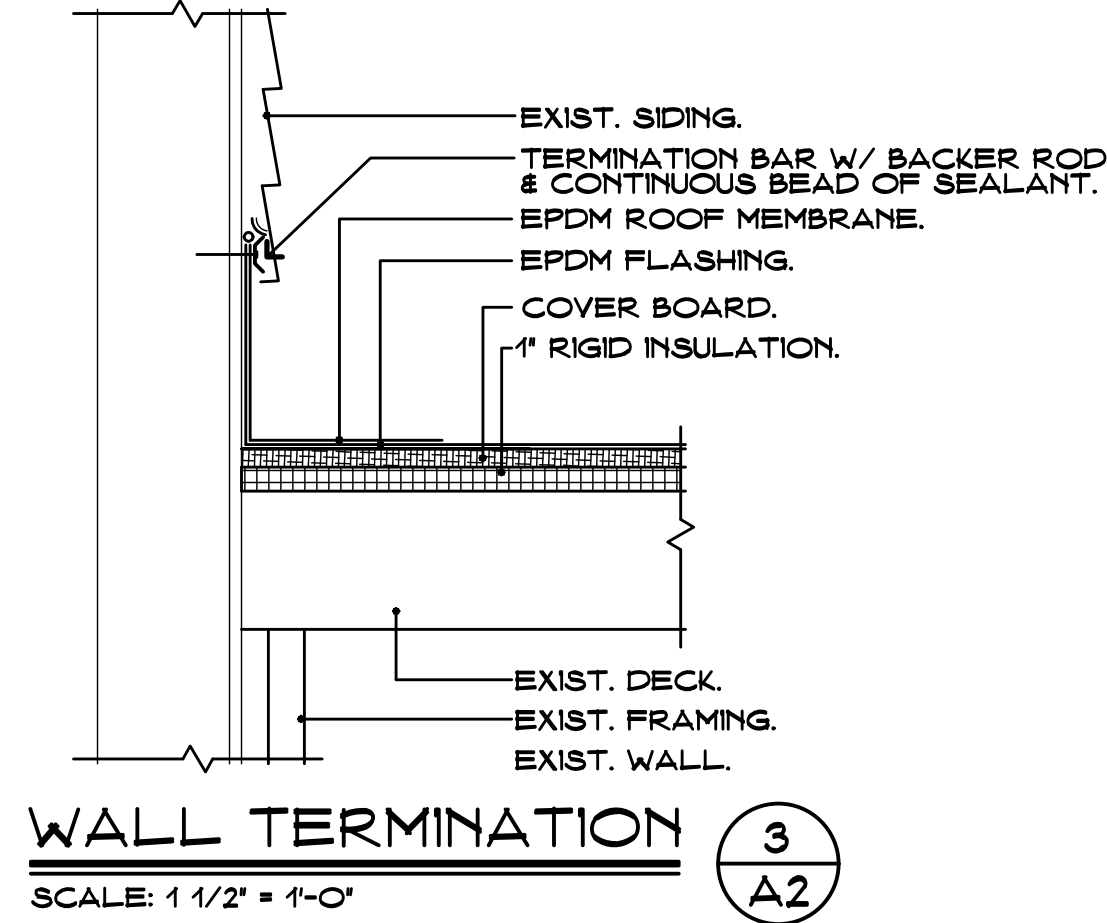
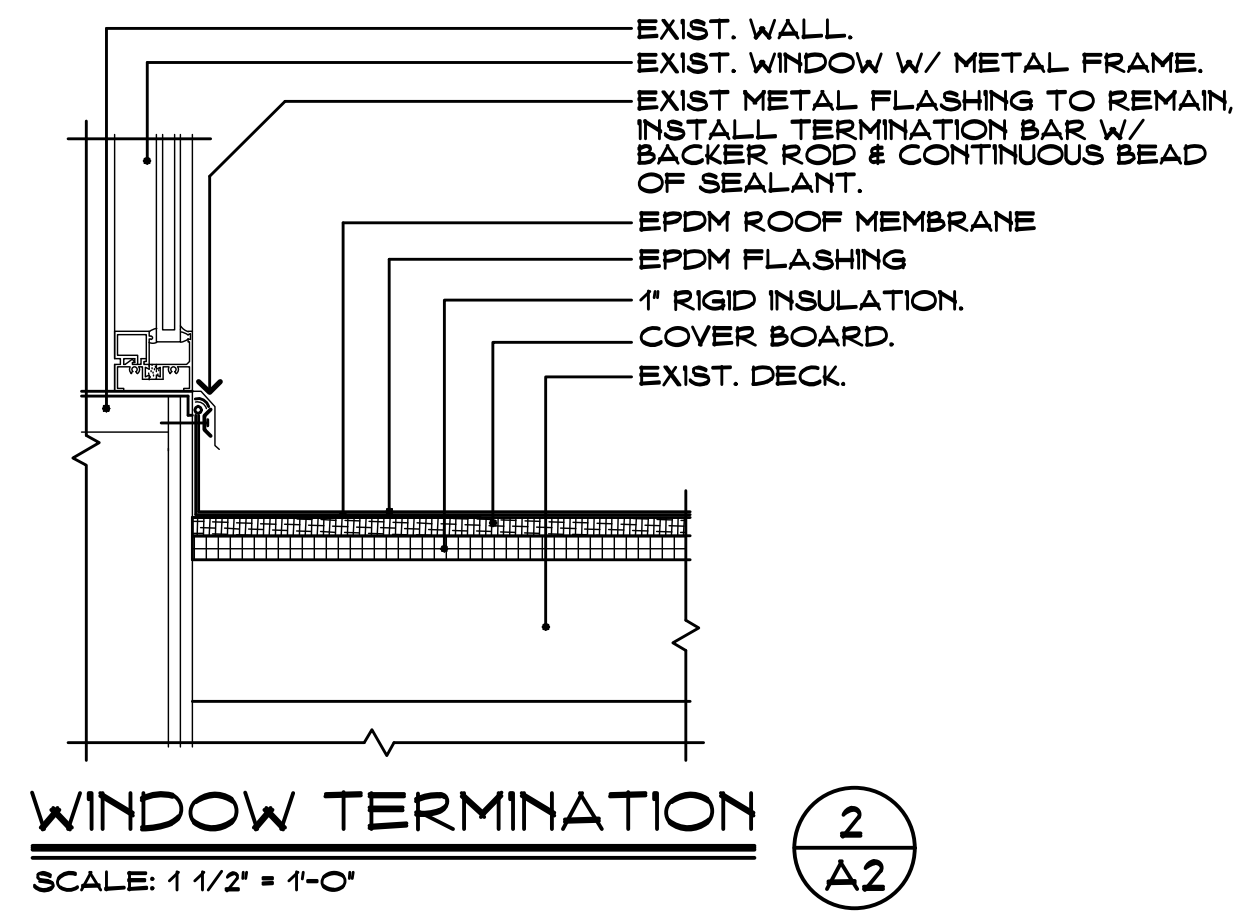
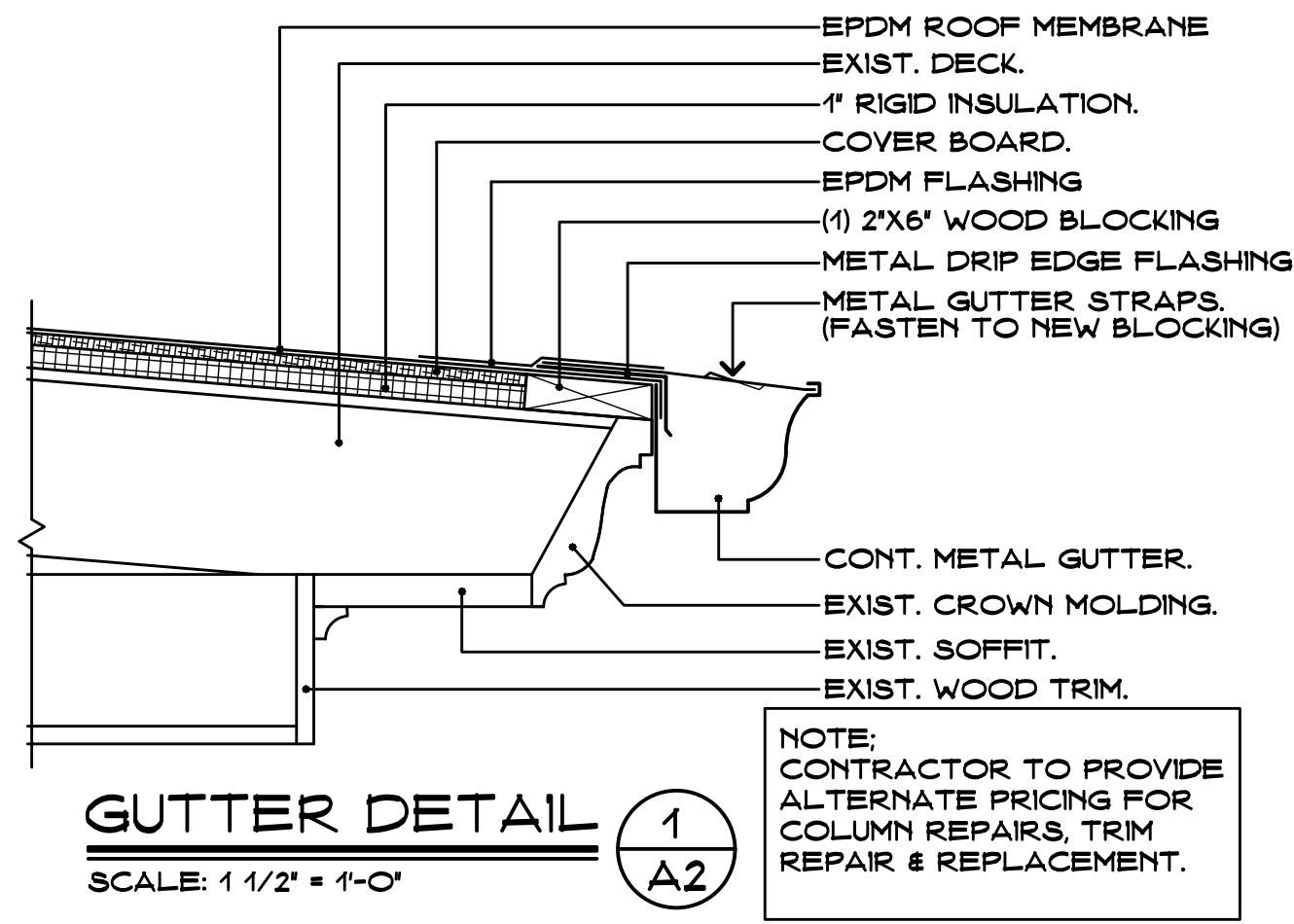
**CODE INFORMATION**

USE GROUP : E  
 CONSTRUCTION CLASS: 5B  
 BASIC WIND SPEED: 110 MPH  
 RISK CATEGORY #3: 134 MPH  
 FACTORY MUTUAL ENGINEERING & RESEARCH CORPORATION (FM): ROOF ASSEMBLY  
 CLASSIFICATION OF NON-COMBUSTIBLE  
 CONSTRUCTION WIND UPLIFT REQUIREMENT OF 1-60 FOR FIELD, 1-90 FOR PERIMETER AND 1-120 FOR CORNERS, IN ACCORDANCE WITH FM  
 PROPERTY LOSS PREVENTION DATA SHEETS 1-28.

**ROOF "A"**  
 ROOF SYSTEM: EPDM  
 EXIST. DECK: WOOD DECK  
 INSULATION: 1" RIGID  
 INSULATION  
 ELEVATION: 15'-0" +/-

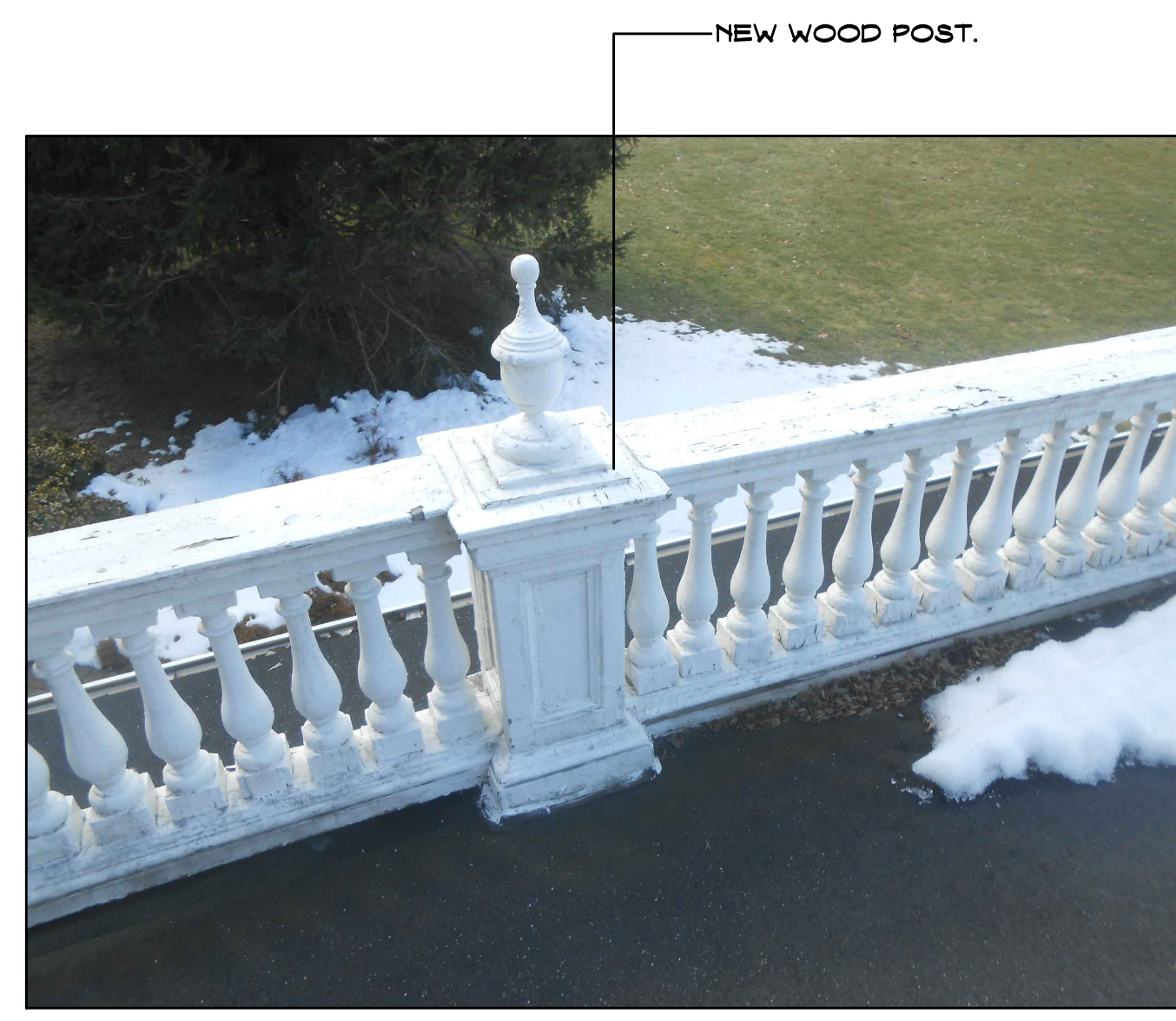
**ROOF "B"**  
 ROOF SYSTEM: EPDM  
 EXIST. DECK: WOOD DECK  
 INSULATION: 1" RIGID  
 INSULATION  
 ELEVATION: 15'-0" +/-





**TYP BALUSTER DETAIL** 5  
SCALE: 1 1/2" = 1'-0"

NOTE:  
CONTRACTOR TO MATCH THE EXISTING  
PROFILES OF THE EXISTING BALUSTER.  
SEE PHOTO EXAMPLES BELOW.  
CONTRACTOR TO VERIFY ALL DIMENSIONS  
IN THE FIELD.



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Revision:	Description:	Date:	Revised By: