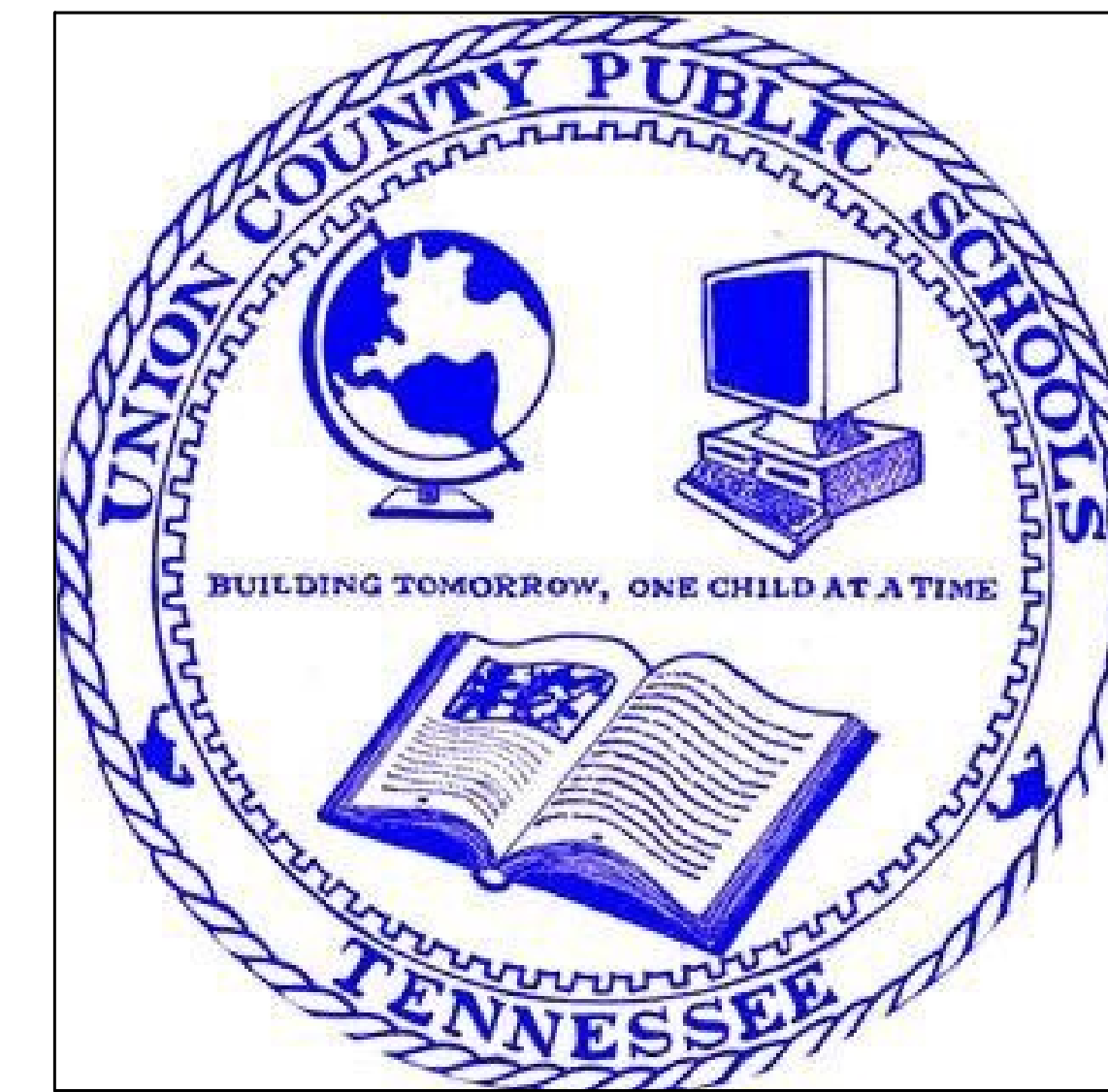


# PARTIAL ROOF REPLACEMENT

FOR

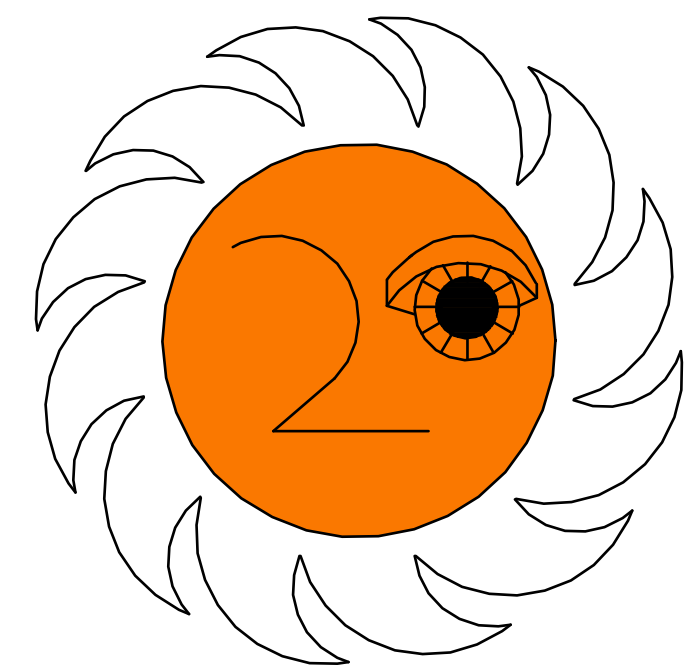
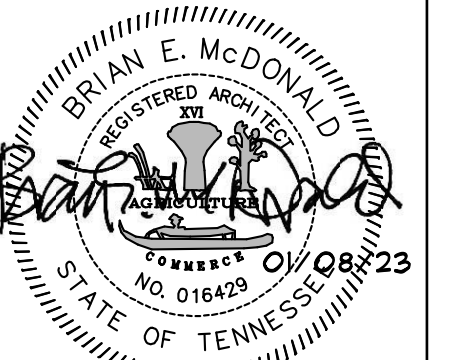
## UNION COUNTY HIGH SCHOOL

150 MAIN STREET  
MAYNARDVILLE, TENNESSEE 37807



**ARCHITECTS  
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AMBROSE  
McDONALD  
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FAX 865-546-9252  
architects@waminc.com



### ROOF DESIGN WORKS INC.

P.O. BOX 12716 / Knoxville, TN. 37912 / (865) 584-6682 Fax (865) 584-8213

#### NOTES

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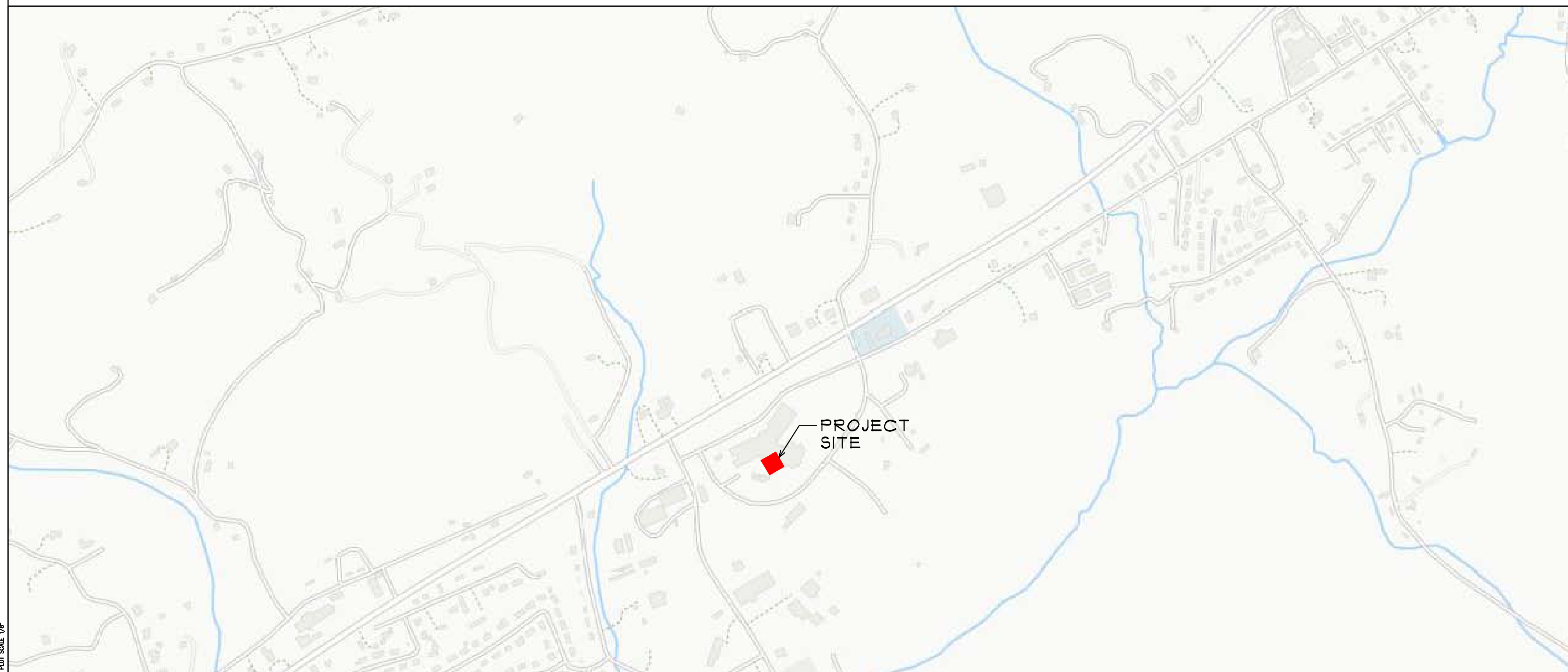
#### CODE INFORMATION

2018 INTERNATIONAL  
BUILDING CODE

#### DRAWING INDEX

R1.0 TITLE SHEET  
R1.1 ROOF PLAN & DETAILS

#### LOCATION MAP



#### AERIAL PHOTOGRAPH



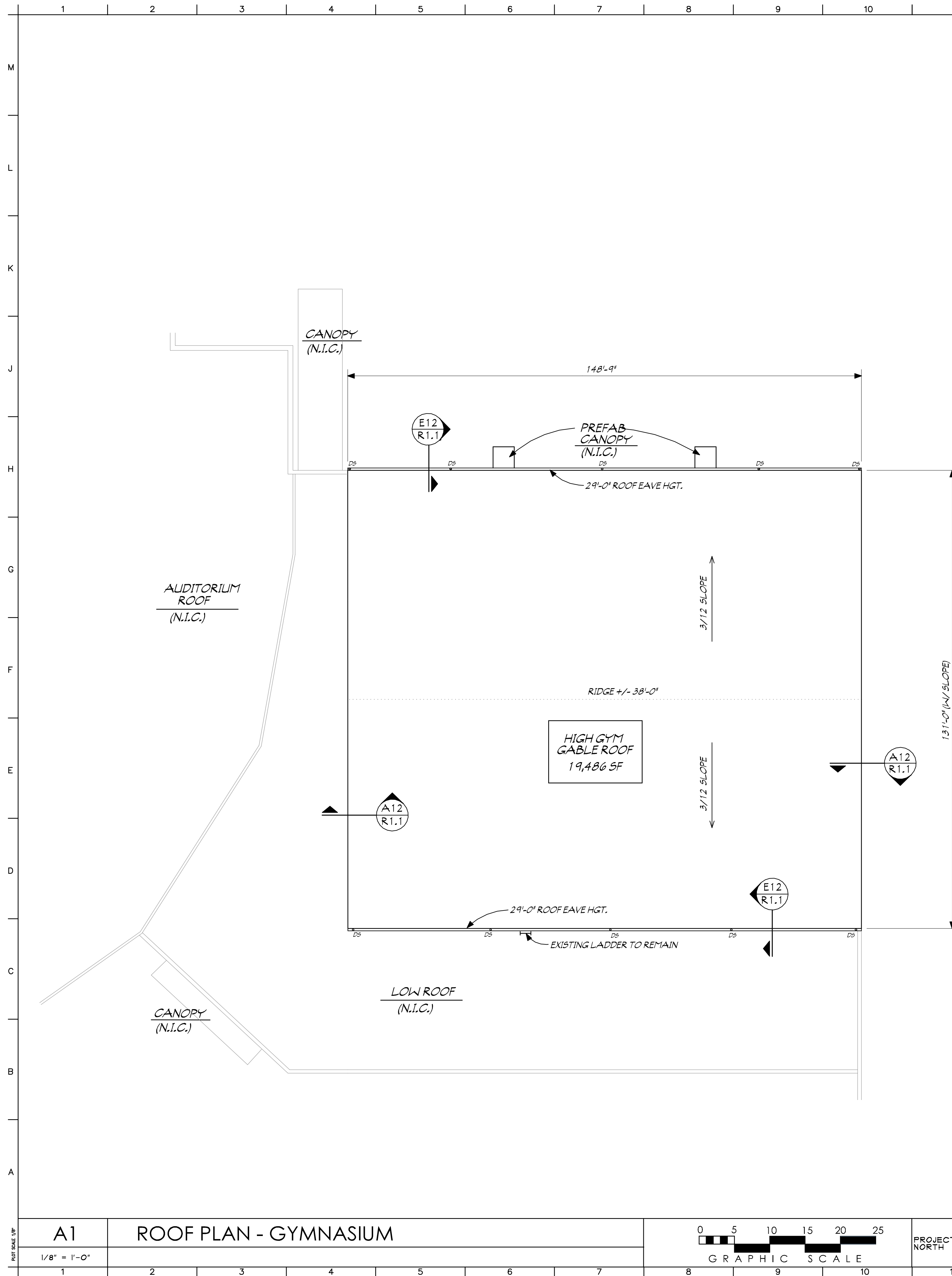
PARTIAL ROOF REPLACEMENT FOR:  
**UNION COUNTY HIGH SCHOOL GYM**  
 MAYNARDVILLE, TENNESSEE  
**UNION COUNTY BOARD OF EDUCATION**

© ARCHITECTS WEEKS AMBROSE McDONALD, INC.	
DATE	01-08-23
PROJECT NO.	22005
REFERENCE	R1.0-UCHSGYM
DRAWN	BEM
CHECKED	VW
REVISION	

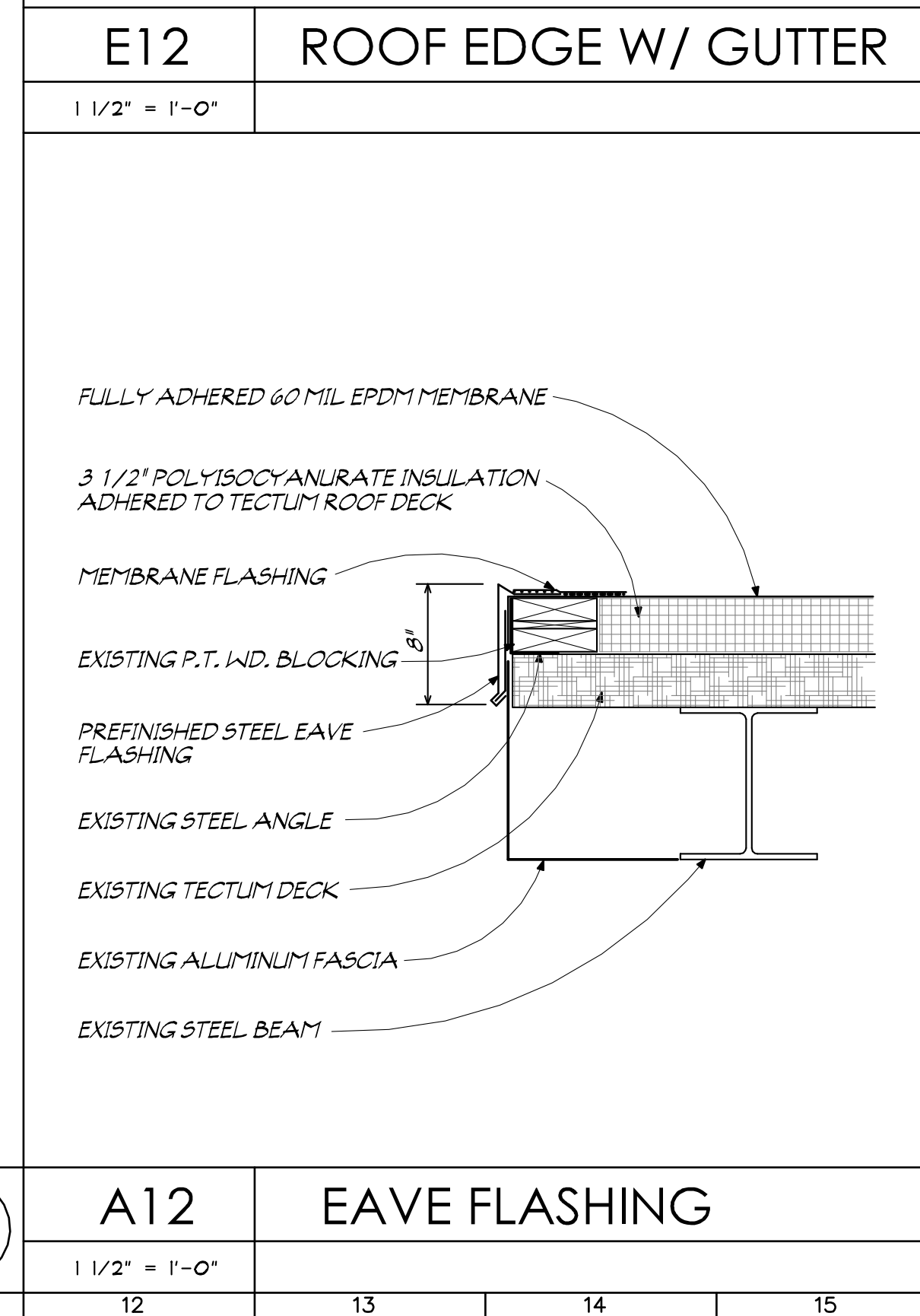
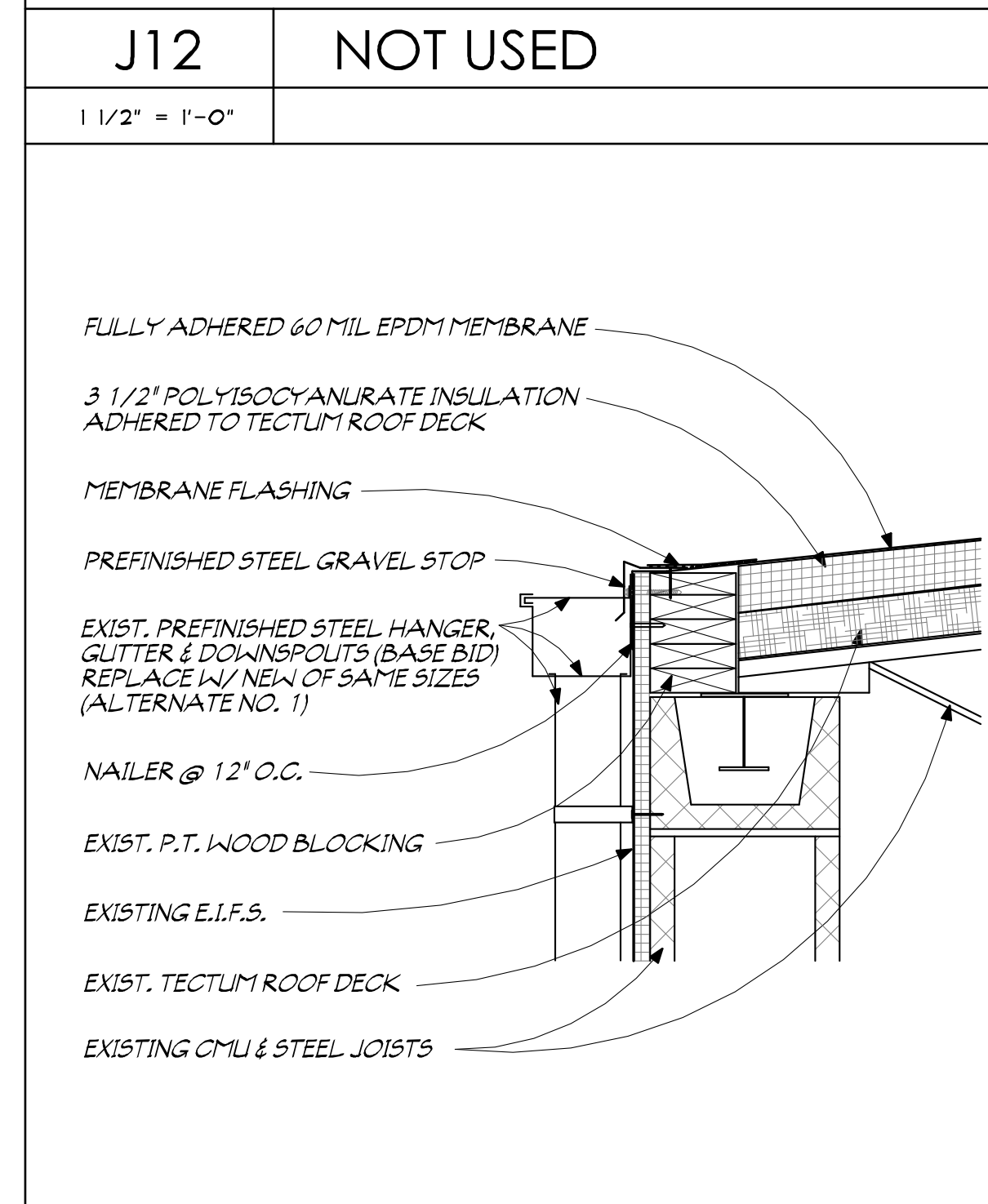
TITLE SHEET

**R1.0**





**J12** NOT USED  
1/2" = 1'-0"



**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL INFORMATION INCLUDING DIMENSIONS AND ROOF PENETRATIONS PRIOR TO BIDDING.
- SPECIAL PRECAUTIONS SHOULD BE TAKEN TO AVOID OVERLOADING OF THE ROOF STRUCTURE. DO NOT STACK MATERIALS WHICH WOULD ADD CONCENTRATED LOADS TO THE STRUCTURE.
- CONTRACTOR SHALL INSTALL NEW WOOD NAILERS AND BLOCKING AS REQUIRED. VERIFY THAT THE ATTACHMENT OF EXISTING NAILERS TO REMAIN MEETS FM REQUIREMENTS.
- IF ANY AREAS ARE SUSPECTED OF HAVING DECK DETERIORATION, NOTIFY ROOF CONSULTANT IF DECKING IS DEEMED UNACCEPTABLE PRIOR TO INSTALLING NEW ROOFING SYSTEM.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF THE LOCAL JURISDICTION.
- ALL TECHNICAL QUESTIONS CONCERNING ROOFING FOR THIS PROJECT SHALL BE DIRECTED TO THE ROOF CONSULTANT AND ANY DISCREPANCIES OR CLARIFICATION OF THE CONTRACT DOCUMENTS SHALL BE DISCUSSED AND AN ADDENDUM ISSUED IF NECESSARY.

**ROOF SYSTEM REPLACEMENT**

EXISTING ROOFING SYSTEM CONSISTING OF A FULLY ADHERED EPDM MEMBRANE ON 1/2" FIBERBOARD OVER 3" POLYISOCYANURATE INSULATION MECHANICALLY ATTACHED TO THE TECTUM ROOF DECK.

**BASE BID**

- REMOVE THE EXISTING EPDM MEMBRANE, 1/2" FIBERBOARD, & 3" ROOF INSULATION DOWN TO THE EXISTING TECTUM DECK.
- REMOVE EXISTING METAL FLASHINGS AND DISPOSE OFF SITE.
- REMOVE EXISTING GUTTERS & DOWNSPOUTS & RETAIN FOR REUSE.
- INSPECT EXISTING TECTUM ROOF DECK FOR DETERIORATION & WEITNESS, REPLACE PORTIONS OF TECTUM DECK AS DIRECTED BY THE ROOF CONSULTANT.
- ADHERE NEW 3 1/2" POLYISOCYANURATE INSULATION TO THE EXISTING TECTUM ROOF DECK.
- INSTALL A FULLY ADHERED 60 MIL EPDM MEMBRANE ROOF SYSTEM OVER THE NEW INSULATION SUBSTRATE FOR A 20-YEAR WEATHERTIGHTNESS WARRANTY.
- INSTALL NEW METAL FLASHINGS AS SHOWN ON THE DRAWINGS.
- REINSTALL EXISTING GUTTERS & DOWNSPOUTS.

**ALTERNATE NO. 1**

- REMOVE THE EXISTING EPDM MEMBRANE, 1/2" FIBERBOARD, & 3" ROOF INSULATION DOWN TO THE EXISTING TECTUM DECK.
- REMOVE EXISTING METAL FLASHINGS, GUTTERS AND DOWNSPOUTS & DISPOSE OFF SITE.
- INSPECT EXISTING TECTUM ROOF DECK FOR DETERIORATION & WEITNESS, REPLACE PORTIONS OF TECTUM DECK AS DIRECTED BY THE ROOF CONSULTANT.
- ADHERE NEW 3 1/2" POLYISOCYANURATE INSULATION TO THE EXISTING TECTUM ROOF DECK.
- INSTALL A FULLY ADHERED 60 MIL EPDM MEMBRANE ROOF SYSTEM OVER THE NEW INSULATION SUBSTRATE FOR A 20-YEAR WEATHERTIGHTNESS WARRANTY.
- INSTALL NEW METAL FLASHINGS, GUTTERS AND DOWNSPOUTS AS SHOWN ON THE DRAWINGS.

**KEY PLAN**

**ROOF PLAN & DETAILS**  
**R1.1**

DATE	01-08-23
PROJECT NO.	22015
REFERENCE	R1.1-UCHSGYM
DRAWN	BEM
CHECKED	VW
REVISION	

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BRIAN E. McDONALD  
REGISTERED ARCHITECT  
NO. 016425  
STATE OF TENNESSEE

PARTIAL ROOF REPLACEMENT FOR:  
**UNION COUNTY HIGH SCHOOL GYM**  
MAYNARDVILLE, TENNESSEE  
**UNION COUNTY BOARD OF EDUCATION**

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