

**ROOF DEMOLITION NOTES**

- THE DEMOLITION SHOWN IS DIAGRAMMATIC AND IS INTENDED ONLY TO SHOW THE GENERAL EXTENT OF THE WORK. THE CONTRACTOR SHALL INCLUDE ALL DEMOLITION, WHETHER SPECIFICALLY CALLED FOR OR NOT, THAT IS NECESSARY TO ACCOMPLISH THE INTENT OF THE WORK. COORDINATE W/ ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS, ROOF DEMOLITION PLAN AND FIELD CONDITIONS AS REQUIRED TO IDENTIFY SCOPE OF WORK.
- ALL EXISTING ROOF EXHAUST FANS ARE TO BE REMOVED AND SALVAGED FOR REINSTALLATION.
- ALL EXISTING VENT STACKS ARE TO REMAIN, UNLESS OTHERWISE NOTED.
- LIGHTNING PROTECTION TO BE REMOVED AND SALVAGED FOR REINSTALLATION.

**ROOF DEMOLITION PLAN LEGEND**

- EEF EXISTING EXHAUST FAN TO BE REMOVED AND SALVAGED
- EVS EXISTING VENT STACK TO REMAIN
- EPP EXISTING PITCH POCKET TO BE REMOVED
- # ROOFING DEMOLITION PLAN NOTE
- FS EXISTING FLUE STACK TO REMAIN
- EEP EXISTING ELECTRICAL PIPE TO REMAIN

**ROOF DEMOLITION KEY**

- 1 REMOVE ALL EXISTING ROOFING MATERIAL DOWN TO DECK INCLUDING, BUT NOT LIMITED TO, ROOFING MEMBRANE, MEMBRANE FLASHING, AND INSULATION (TYPICAL)
- 2 REMOVE AND SALVAGE EXISTING EXHAUST FAN FOR REINSTALLATION.
- 3 REMOVE ALL ALUMINUM FASCIA, ANCHORS, FASTENERS, EXTENSION LEGS, SEALANT, ASSOCIATED COMPONENTS.
- 4 REMOVE EXISTING PITCH POCKET.
- 5 REMOVE EXISTING GUTTER AND DOWNSPOUT
- 6 EXISTING FLUE STACK TO REMAIN
- 7 EXISTING PIPE TO REMAIN
- 8 EXISTING WATER DIVERTER TO BE REMOVED
- 9 REMOVE EXISTING DRAINAGE SUPPORT

**EXISTING ROOF DECK TYPES**

- 1 SLOPE WOOD DECK

**ROOF CONSTRUCTION TYPES  
BASE BID**

- A FULLY ADHERED MULTI-PLY POLYESTER REINFORCED SBS MODIFIED BITUMEN MEMBRANE WITH LIGHT GRAY GRANULATED CAP SHEET ON 1/2" ROOF COVER BOARD ON 2 LAYERS OF 2 1/2" RIGID ISO BOARD INSULATION ON SLOPED WOOD DECK.

**ROOF PLAN LEGEND**

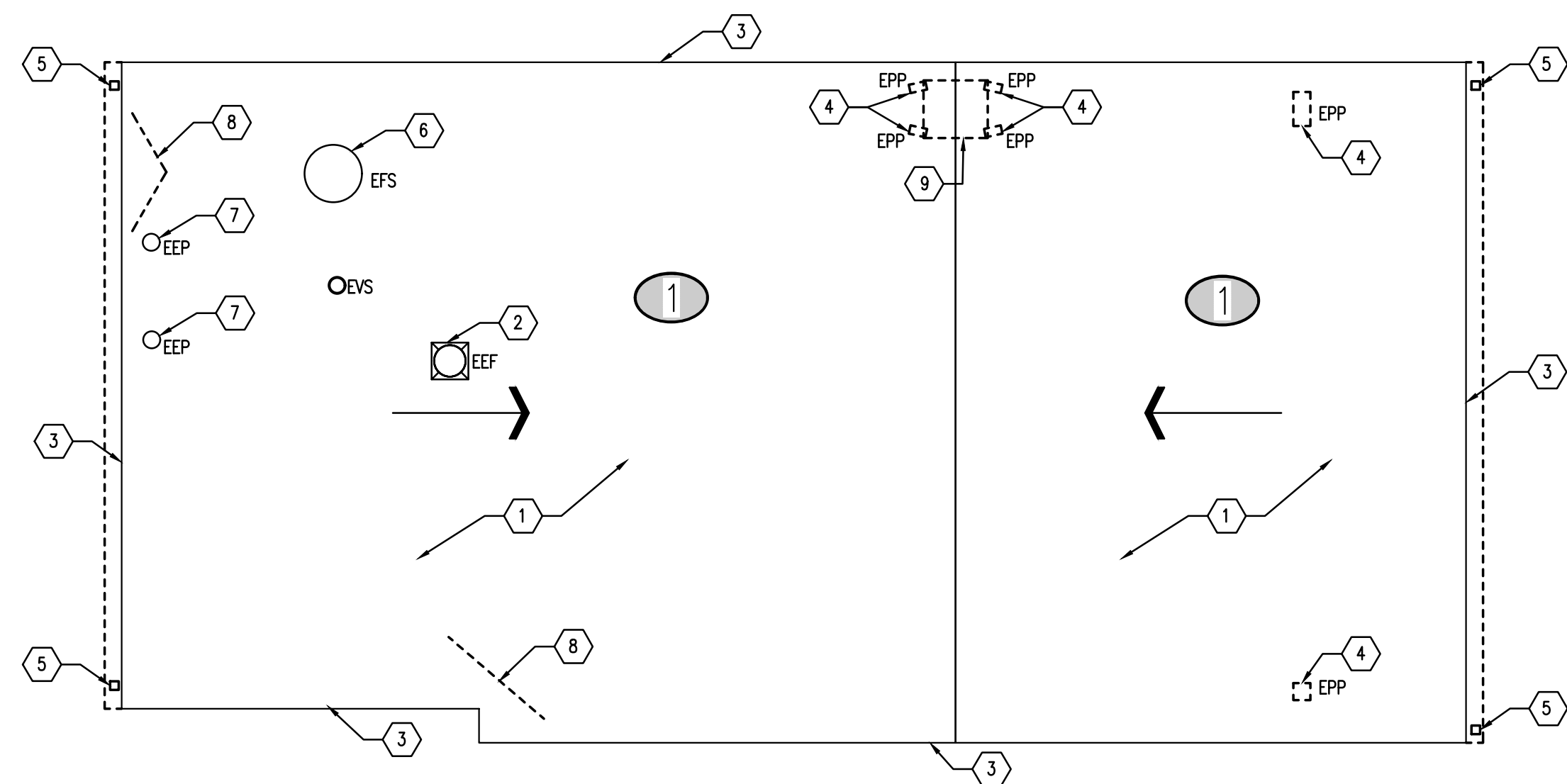
- EEF EXISTING EXHAUST FAN TO BE REINSTALLED
- EVS EXISTING VENT STACK
- DIRECTION OF ROOF PITCH
- # NEW DETAILS FOR ROOFING WORK
- FS EXISTING FLUE STACK
- GW NEW GUY-WIRE ANCHORS
- DS NEW GUTTER AND DOWNSPOUT
- EEP EXISTING ELECTRICAL PIPE TO REMAIN

**MODIFIED BITUMEN MEMBRANE SPECIFICATIONS**

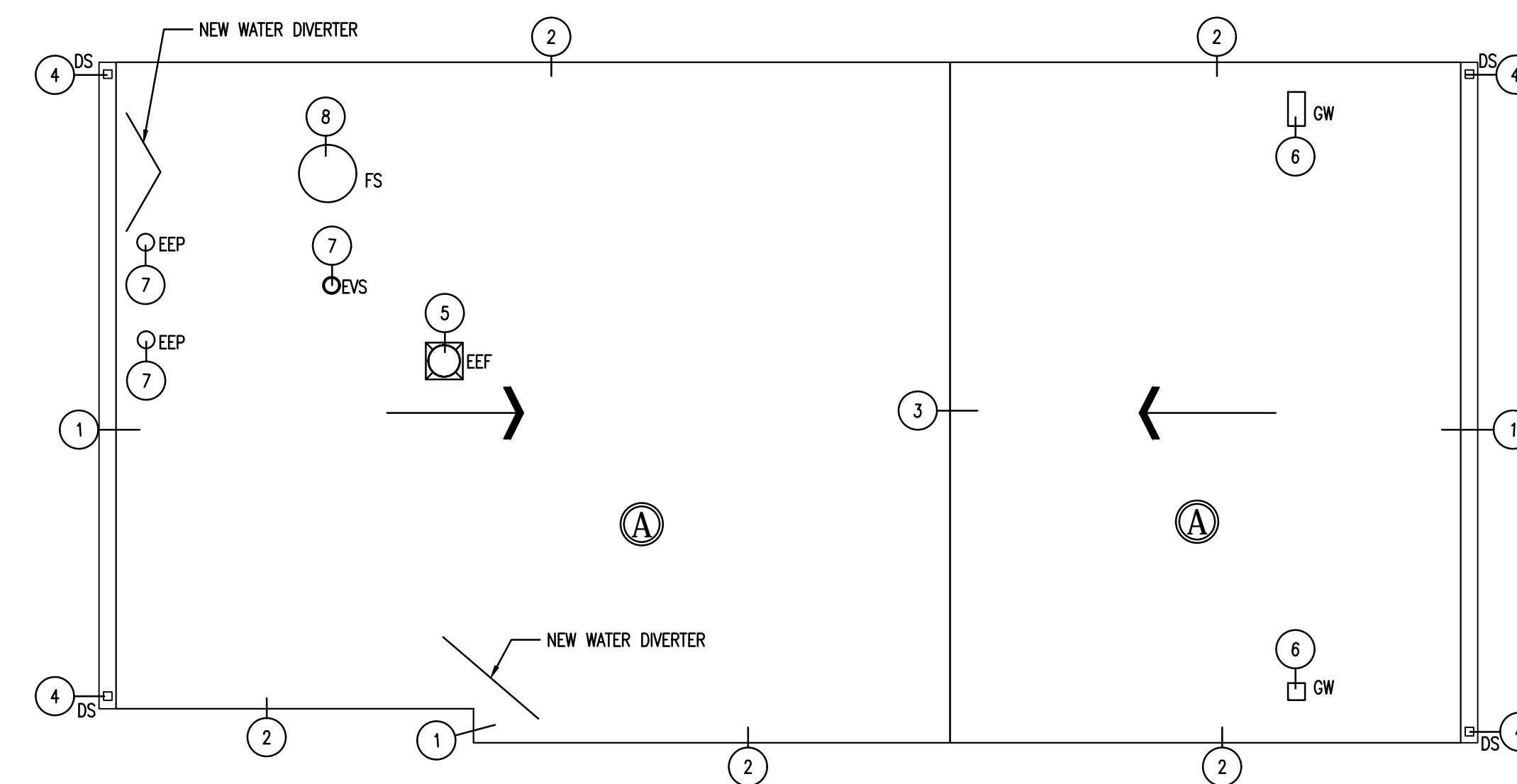
- ROOFING SYSTEM DESIGN: PROVIDE MEMBRANE ROOFING SYSTEM THAT IS IDENTICAL TO SYSTEMS THAT HAVE BEEN SUCCESSFULLY TESTED BY A QUALIFIED TESTING AND INSPECTING AGENCY TO RESIST UPLIFT PRESSURE CALCULATED ACCORDING TO ASCE/SEI 7 AND THE CONNECTICUT STATE BUILDING CODE.
  - DESIGN REQUIREMENTS:
    - BASIC WIND SPEED: 100 MPH
    - IMPORTANCE FACTOR: CATEGORY II
    - EXPOSURE CATEGORY: B
  - SBS-MEMBRANE BITUMINOUS MEMBRANE ROOFING:
    - BASIS OF DESIGN PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS INDICATED BY SORREMA, INC. OR ONE OF THE FOLLOWING:
      - FIRESTONE BUILDING PRODUCTS COMPANY, FIRESTONE MODIFIED BITUMEN ROOFING SYSTEM
      - JOHNS MANVILLE
      - SPLAST, INC
  - SOURCE LIMITATIONS: OBTAIN COMPONENTS INCLUDING ROOF INSULATION AND FASTENERS FOR ROOFING SYSTEM FROM SAME MANUFACTURER AS ROOFING OR MANUFACTURER APPROVED BY ROOFING MANUFACTURER.
  - ROOFING SYSTEM: SBS MODIFIED BITUMINOUS MEMBRANE FULLY ADHERED TO PLYWOOD SHEATHING MECHANICALLY FASTENED TO EXISTING WOOD PLANK DECK.
  - SPECIAL WARRANTY: MANUFACTURERS CUSTOMIZED FORM, WITHOUT MONETARY LIMITATION, IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF MEMBRANE ROOFING SYSTEM THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
    - SPECIAL WARRANTY INCLUDES MEMBRANE ROOFING, BASE FLASHINGS, FASTENERS, ROOFING ACCESSORIES, AND OTHER COMPONENTS OF MEMBRANE ROOFING SYSTEM.
    - SPECIAL WARRANTY INCLUDES PEAK GUST WIND SPEED UP TO 60 MPH.
    - WARRANTY PERIOD: 30 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
  - SPECIAL PROJECT WARRANTY: SUBMIT ROOFING INSTALLERS WARRANTY, ON WARRANTY FORM AT END OF THIS SECTION, SIGNED BY INSTALLER, COVERING THE WORK OF THIS SECTION, INCLUDING ALL COMPONENTS OF MEMBRANE ROOFING SYSTEM SUCH AS MEMBRANE, BASE FLASHINGS, AND FASTENERS FOR THE FOLLOWING WARRANTY PERIOD:
    - WARRANTY PERIOD: TWO (2) YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

**ROOF GENERAL NOTES**

- CONTRACTOR TO FIELD VERIFY QUANTITY & LOCATION OF PLUMBING VENTS STACKS & FLASH IN ACCORDANCE W/ MANUFACTURER SPECIFICATIONS. (ALL STACKS MUST EXTEND 24" ABOVE FINISH ROOF SURFACE).
- ALL NOTES AND DIMENSIONS DESIGNATED AS TYPICAL APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
- CONTRACTOR TO FIELD VERIFY LOCATION OF ROOF CONDUITS & CABLES. FLASH PENETRATIONS AS REQUIRED AND MAINTAIN FEEDS ACTIVE.
- CONTRACTOR TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AS DEFINED IN CONTRACT DOCUMENTS. PROCEEDING WITH WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AS BEING SUBSTANTIALLY AS SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE OF FINISHED WORK AND FOR THE SAME WORK, SHALL BE HELD RESPONSIBLE.
- SIZE AND LOCATIONS OF EXHAUST FANS, VENTS STACKS, AND OTHER ROOF PENETRATIONS OF ROOF MOUNTED ITEMS ARE DIAGRAMMATIC ONLY.
- STAGGER JOINTS BETWEEN LAYERS OF INSULATION (TYP.).
- KILN DRIED WOOD NAELERS SHALL BE SECURELY ANCHORED TO METAL DECK TO RESIST A FORCE OF 300 POUNDS PER LINEAR FOOT IN ANY DIRECTION (TYP.).
- ALL WOOD BLOCKING USED IN ROOF ASSEMBLIES SHALL BE KILN DRIED MATERIAL AND ALL JOINTS TO BE STAGGERED MINIMUM OF 12" (TYP.).
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CONTINUOUS PERIMETER BLOCKING TO ALIGN WITH HIGH POINT OF INSULATION AT ALL CONDITIONS W/O PARAPETS (TYP.).
- STRUCTURAL INFORMATION ON ROOF DETAILS ARE DIAGRAMMATIC ONLY.
- PROVIDE CRICKET ON HIGH SIDE OF ALL ROOF TOP EQUIPMENT, (TYP.).
- BLOCKING INDICATED IN PLANS IS FOR REFERENCE, CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL WOOD BLOCKING NECESSARY TO ACHIEVE WORK.
- CONTRACTOR IS TO SURVEY THE ROOF DECKS TO VERIFY THAT SLOPES INDICATED ON PLANS ARE ACCURATE. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY ADDITIONAL ROOFING SURFACES.
- CONTRACTOR TO PROVIDE 20 YEAR NO DOLLAR LIMIT EDGE TO EDGE WARRANTY TO INCLUDE FLASHINGS, ROOF MEMBRANE, INSULATION, AND COVER BOARD.
- CONTRACTOR TO PROVIDE INSTALLERS 2 YEAR WARRANTY TO INCLUDE ALL COMPONENTS OF ROOFING SYSTEM.
- INSTALL SBS MODIFIED BITUMEN ROLLED SHEET HORIZONTALLY ACROSS ROOF SURFACES.

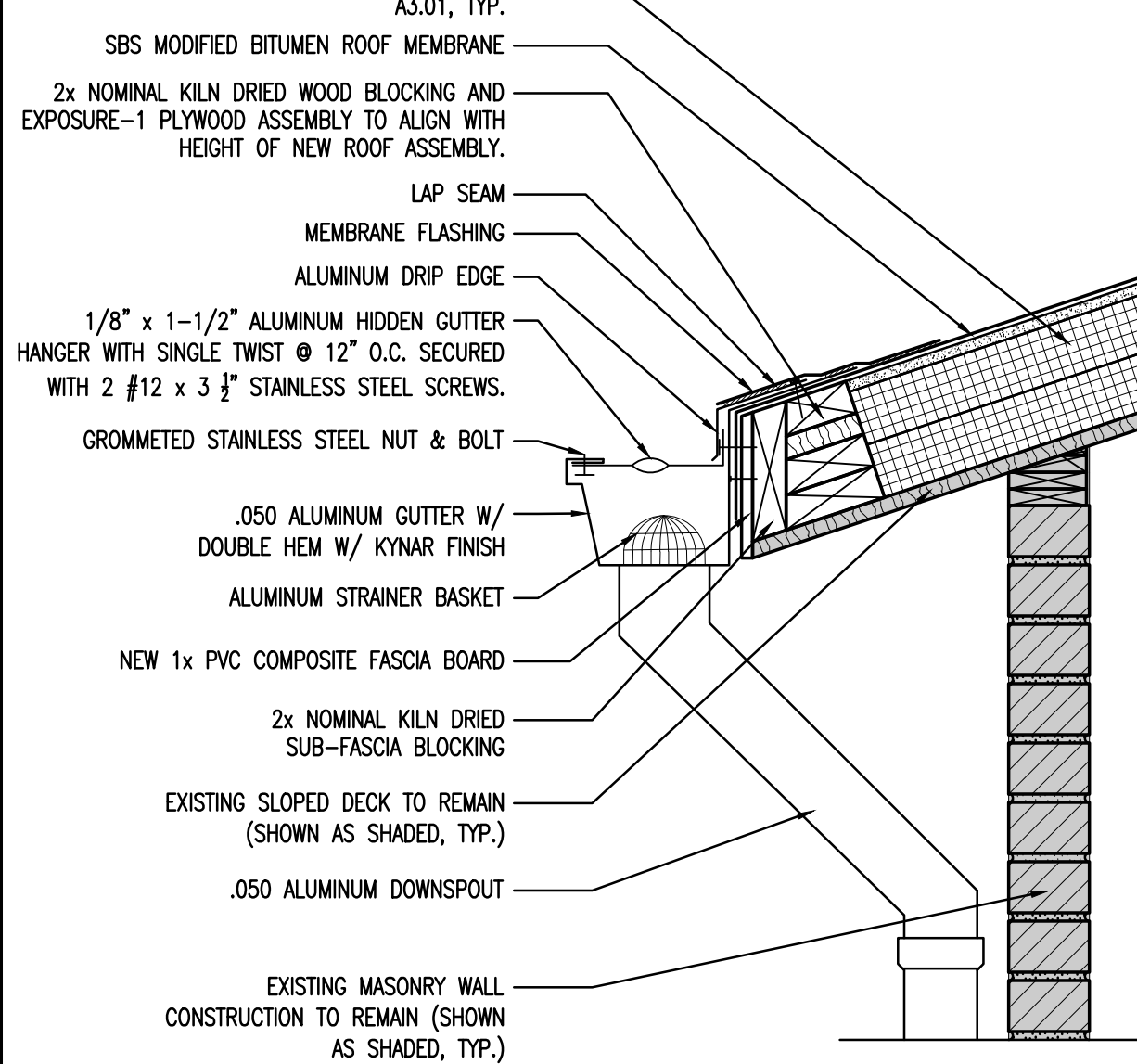


**1 DEMO ROOF PLAN**  
SCALE: 1/8"=1'-0"

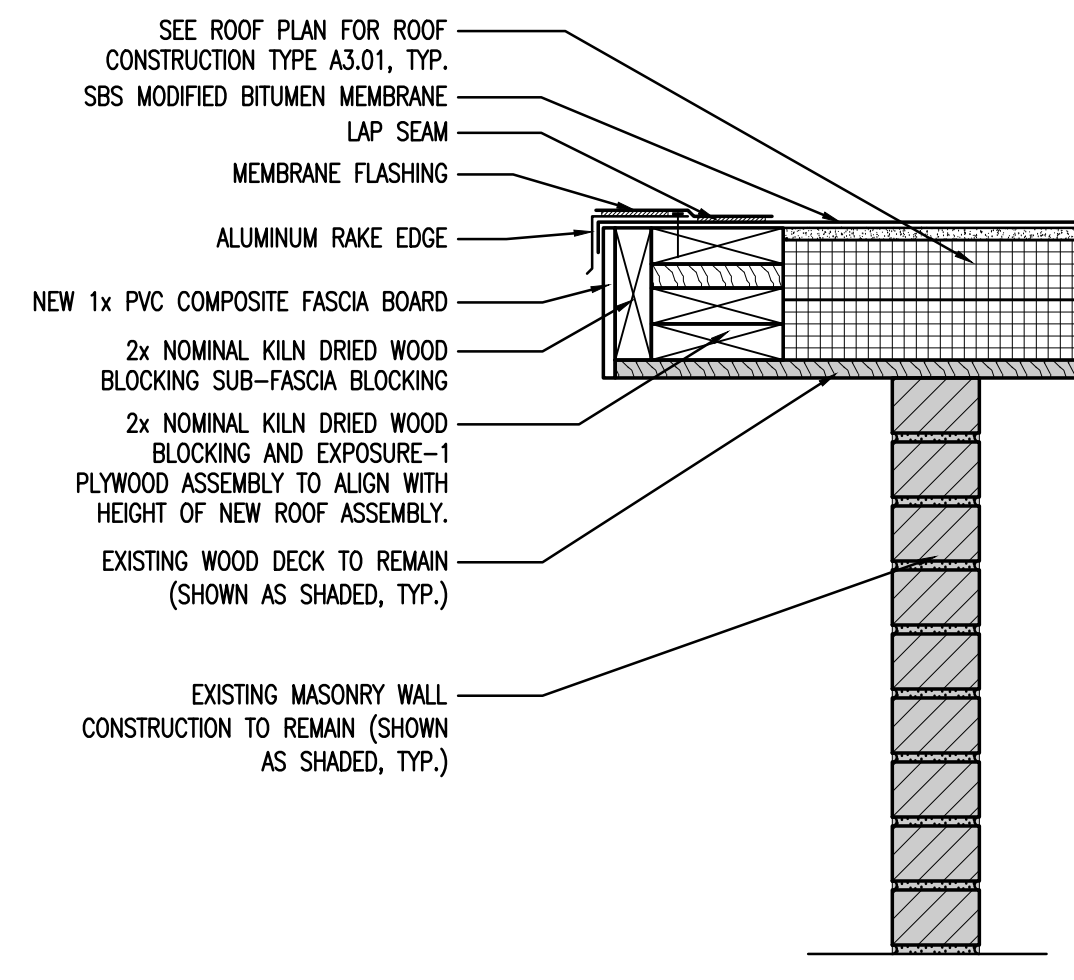


**2 ROOF PLAN**  
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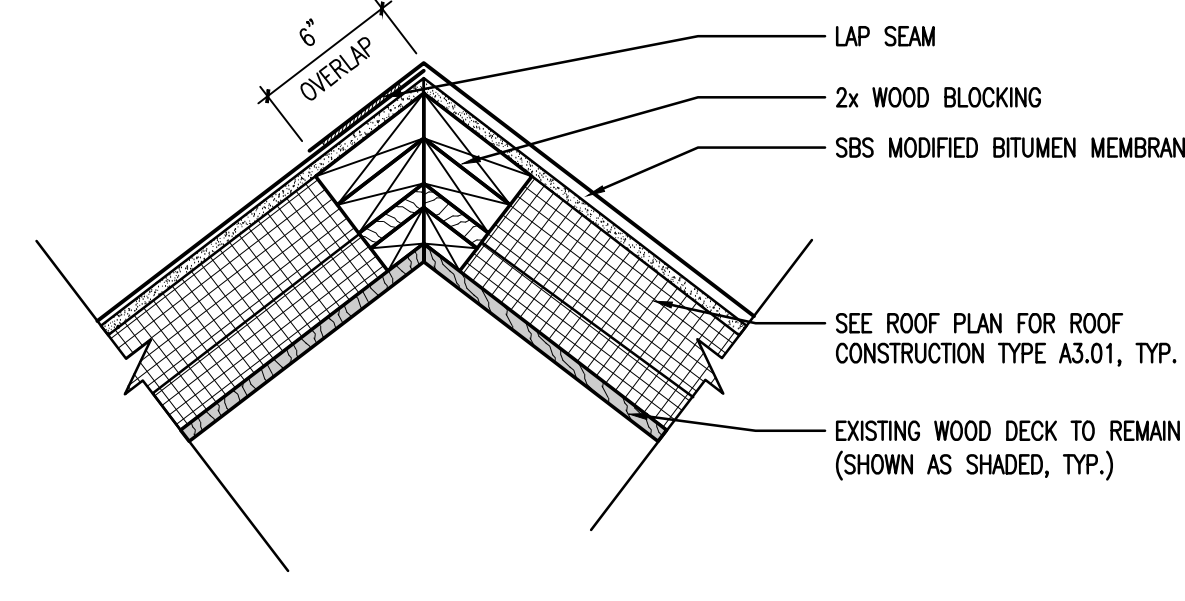
SEE ROOF PLAN FOR ROOF CONSTRUCTION TYPE A3.01, TYP.



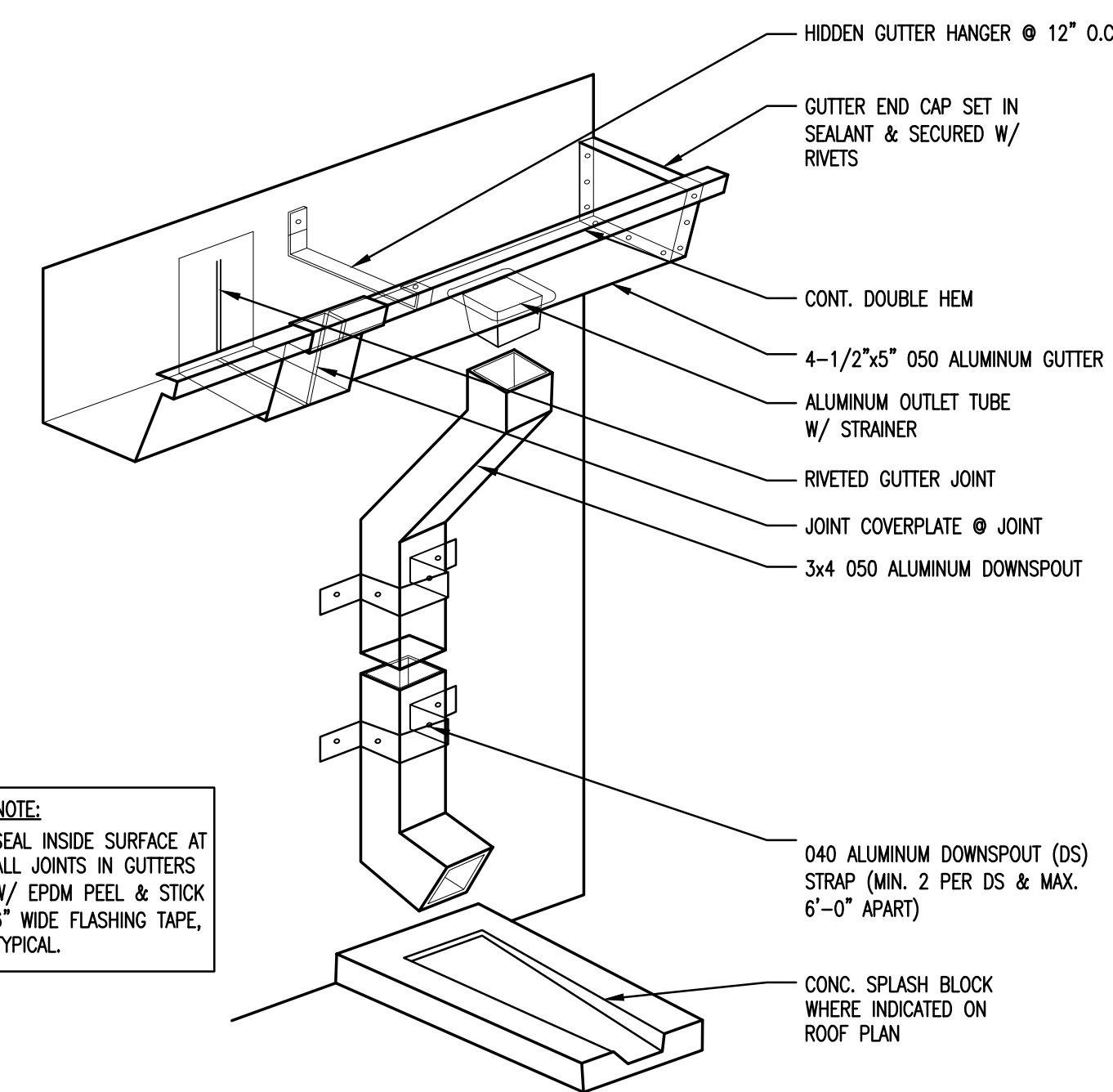
**1 EAVE EDGE**  
SCALE: 1-1/2"=1'-0"



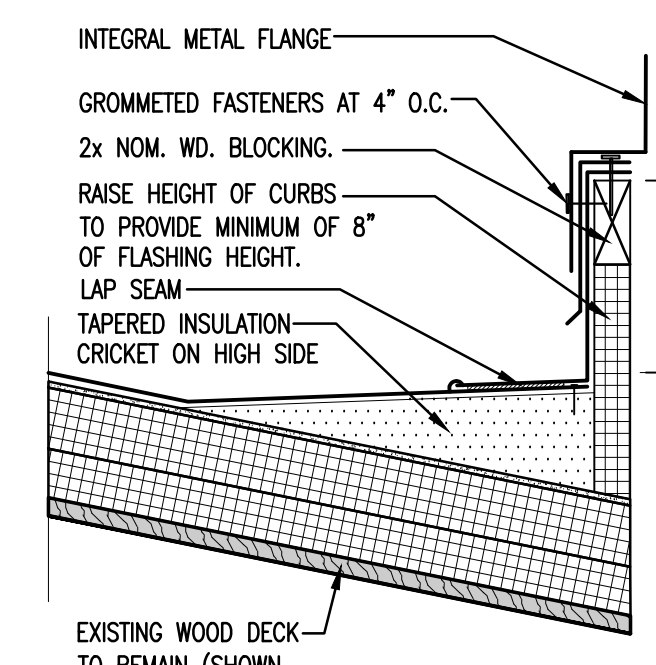
**2 RAKE EDGE**  
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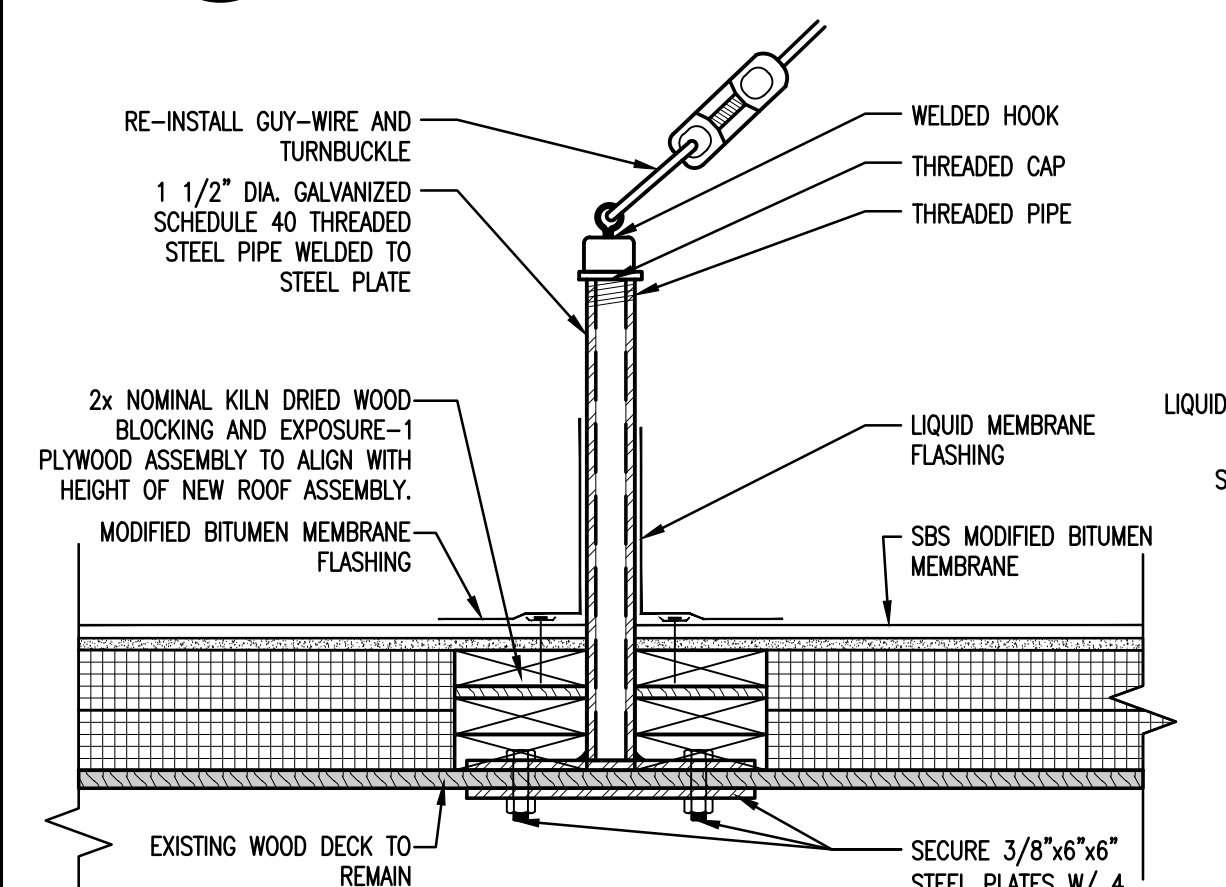
**3 NON-VENTED RIDGE**  
SCALE: 1-1/2"=1'-0"



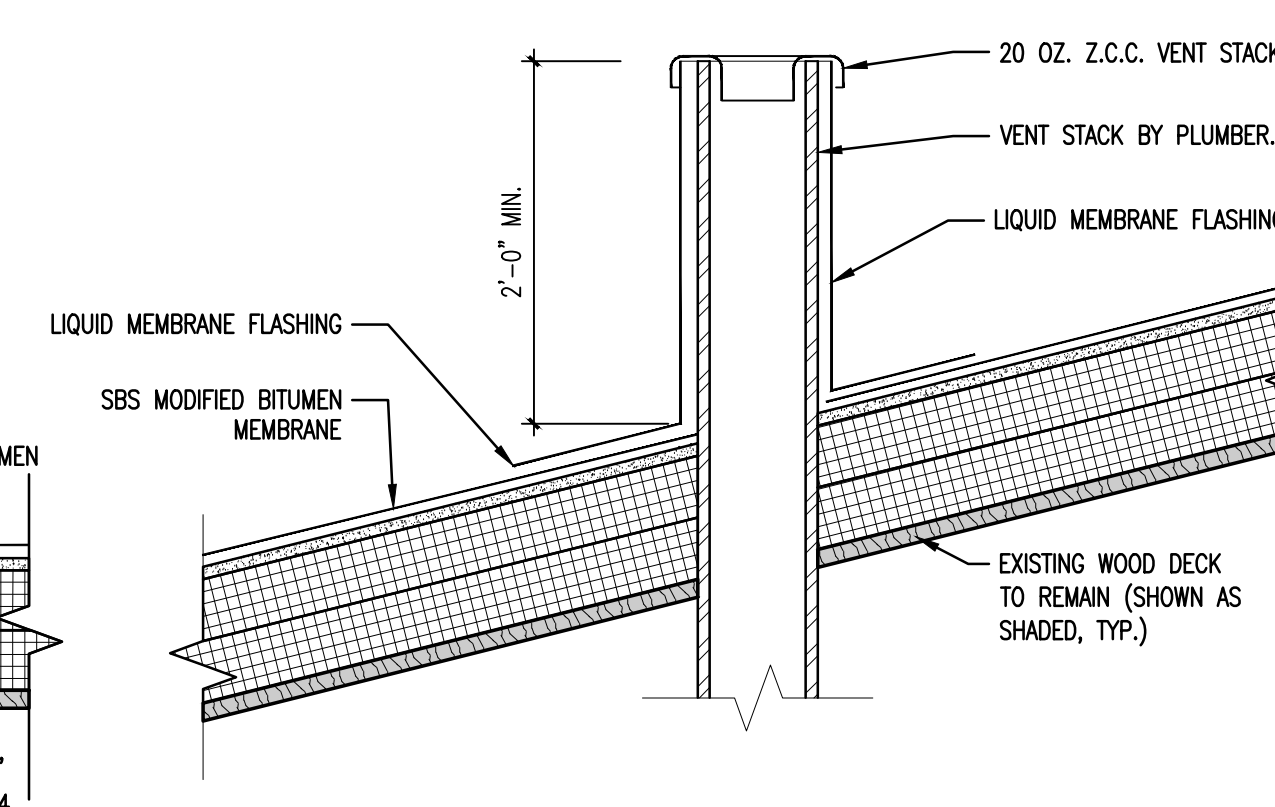
**4 GUTTER DETAIL**  
SCALE: 1-1/2"=1'-0"



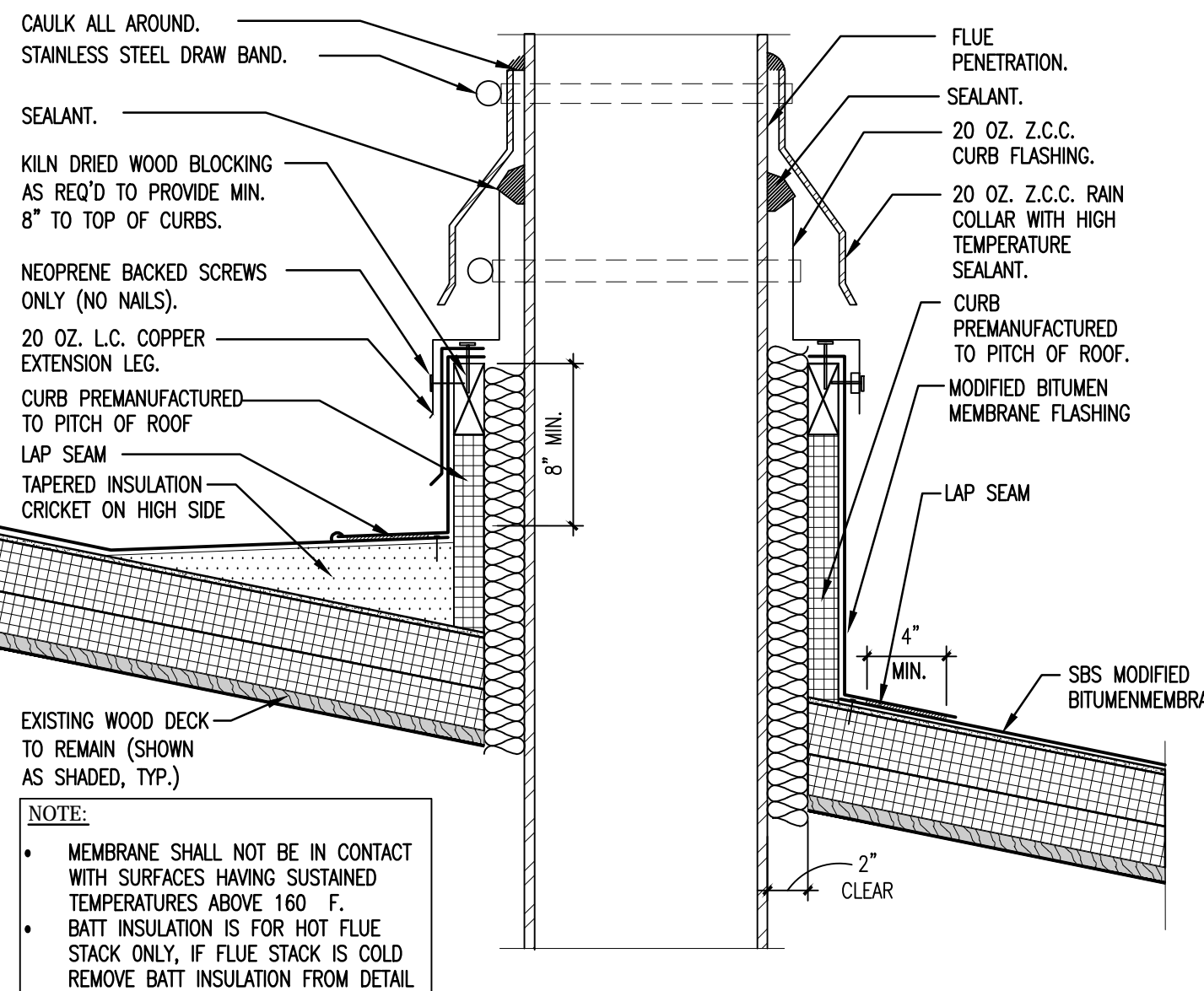
**5 EXHAUST FAN CURB**  
SCALE: 1-1/2"=1'-0"



**6 GUY WIRE**  
SCALE: 1-1/2"=1'-0"



**7 VENT STACK/PIPE PENETRATION**  
SCALE: 1-1/2"=1'-0"



**8 FLUE STACK**  
SCALE: 1-1/2"=1'-0"

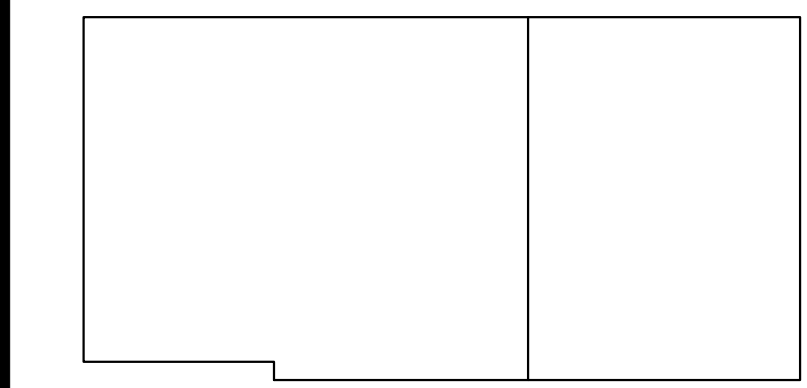
ISSUE DATE

DATE  
OCTOBER 12, 2016

REVISIONS

DATE REFERENCE

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS,  
AND GENERAL NOTES SEE SHEET R0.01



KEY PLAN

AS NOTED PROJECT TRUE



**NAUGATUCK  
EASTSIDE FIRE  
STATION #3**

581 MAY STREET  
NAUGATUCK, CT 06770

PROJECT NO.: 16049.00 DRAWN BY: CTC

**ROOF DEMO PLAN,  
ROOF PLAN, AND  
ROOF DETAILS**

DRAWING NO.:

**A3.01**

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