

	LEGEND OF SYMBOLS
o RD	ROOF DRAIN
o VS	VENT STACK
\longrightarrow	ROOF SLOPE DIRECTION
þф	MASONRY CHIMNEY
R-1	FLAT ROOF NUMBER
S-5	SLOPED ROOF NUMBER
	ROOF AREA NOT INCLUDED
	NOTATIONS

- 1. DIMENSIONS PROVIDED ARE FOR REFERENCE, CONCTRACTOR SHALL VERIFY ALL DIMENSIONS.
- 2. DETAIL LOCATIONS PROVIDED ARE TYPICAL. NOT ALL DETAIL LOCATONS MAY BE IDENTIFIED.
- 3. CONTRACTOR SHALL RECORD, PRIOR TO DEMOLITION, LOCATION OF ALL GUTTER OUTLETS FOR PLACEMENT OF NEW TO MATCH EXISTING.
- 4. CONTRACTOR SHALL SCRAPE,
 PREPARE, PRIME AND PROVIDE 2
 FINISH COATS OF TRIM PAINT AT
 FASCIA, RAKES AND SOFFITS.

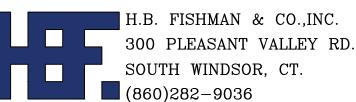
REVISIONS:

2.12.2021

THE DIMENSIONS GIVEN ON THE DRAWINGS AND THE LOCATIONS OF ROOF PENETRATIONS ARE OFFERED ONLY FOR CONVENIENCE AND ARE NOT WARRANTED TO BE CORRECT. THE BIDDER SHALL MAKE HIS OWN MEASUREMENTS TO DETERMINE THE SIZE OF THE ROOF AND PENETRATION LOCATIONS.

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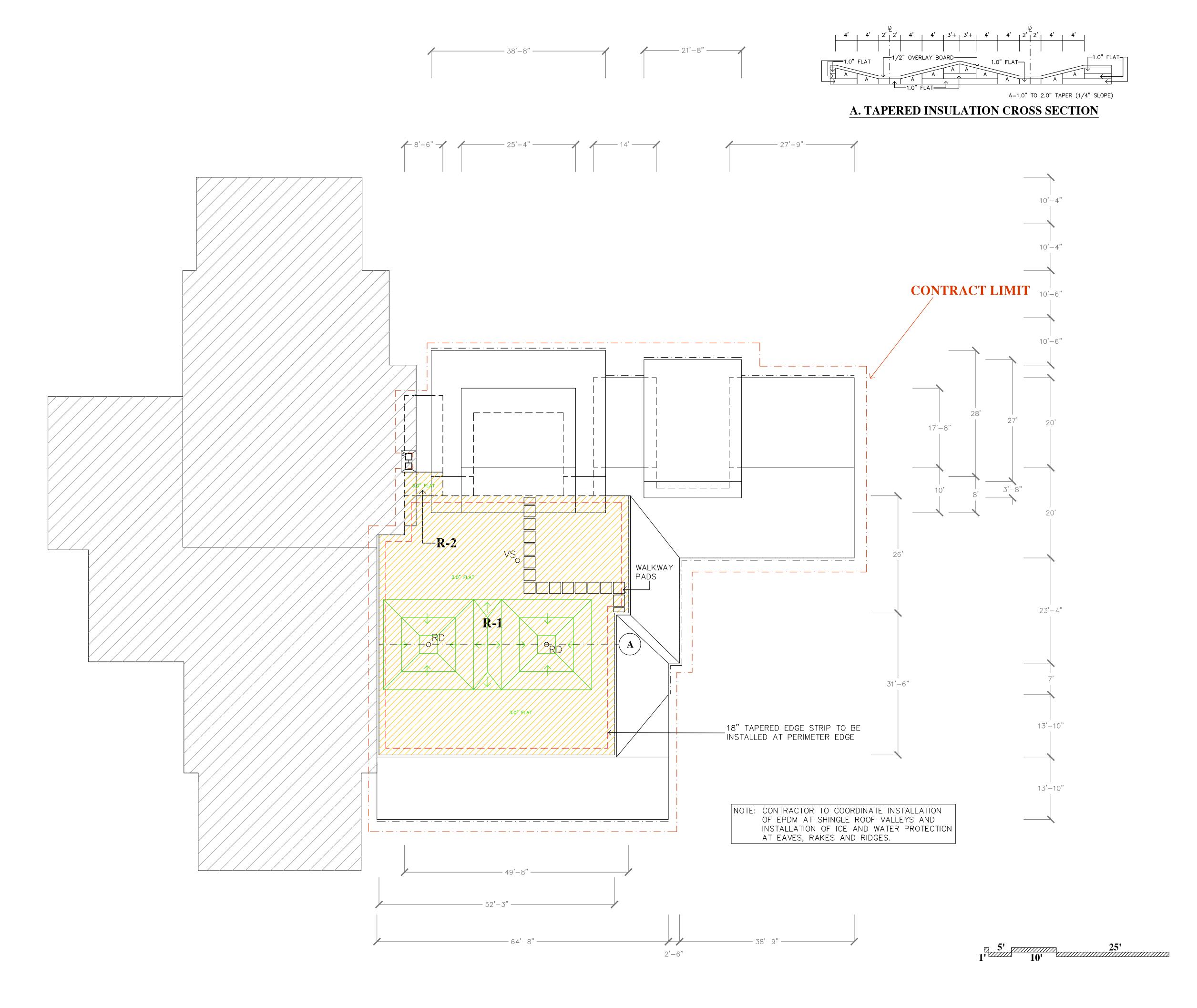
56 NORFIELD STREET WESTON, CONNECTICUT

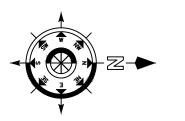
ROOF PLAN
(PLAN VIEW)

PROJECT NUMBER: 18048492.3 21028977.3	
SCALE	

DRAWING NUMBER

1'=3/32" **R1**





	LEGEND OF SYMBOLS
o RD	ROOF DRAIN
o VS	VENT STACK
\longrightarrow	ROOF SLOPE DIRECTION
þď	MASONRY CHIMNEY
R-1	FLAT ROOF NUMBER
S-5	SLOPED ROOF NUMBER
	ROOF AREAS TO RECEIVE FULLY ADHERED EPDM
	ROOF AREA NOT INCLUDED
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CHECKED BY:

 \mathbf{JW}

DRAWN BY:

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300 PLEASANT VALLEY RD.
SOUTH WINDSOR, CT.
(860)282-9036

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FULLY ADHERED EPDM AND TAPERED INSULATION ROOF PLAN

PROJECT NUMBER:

18048492.3

21028977.3

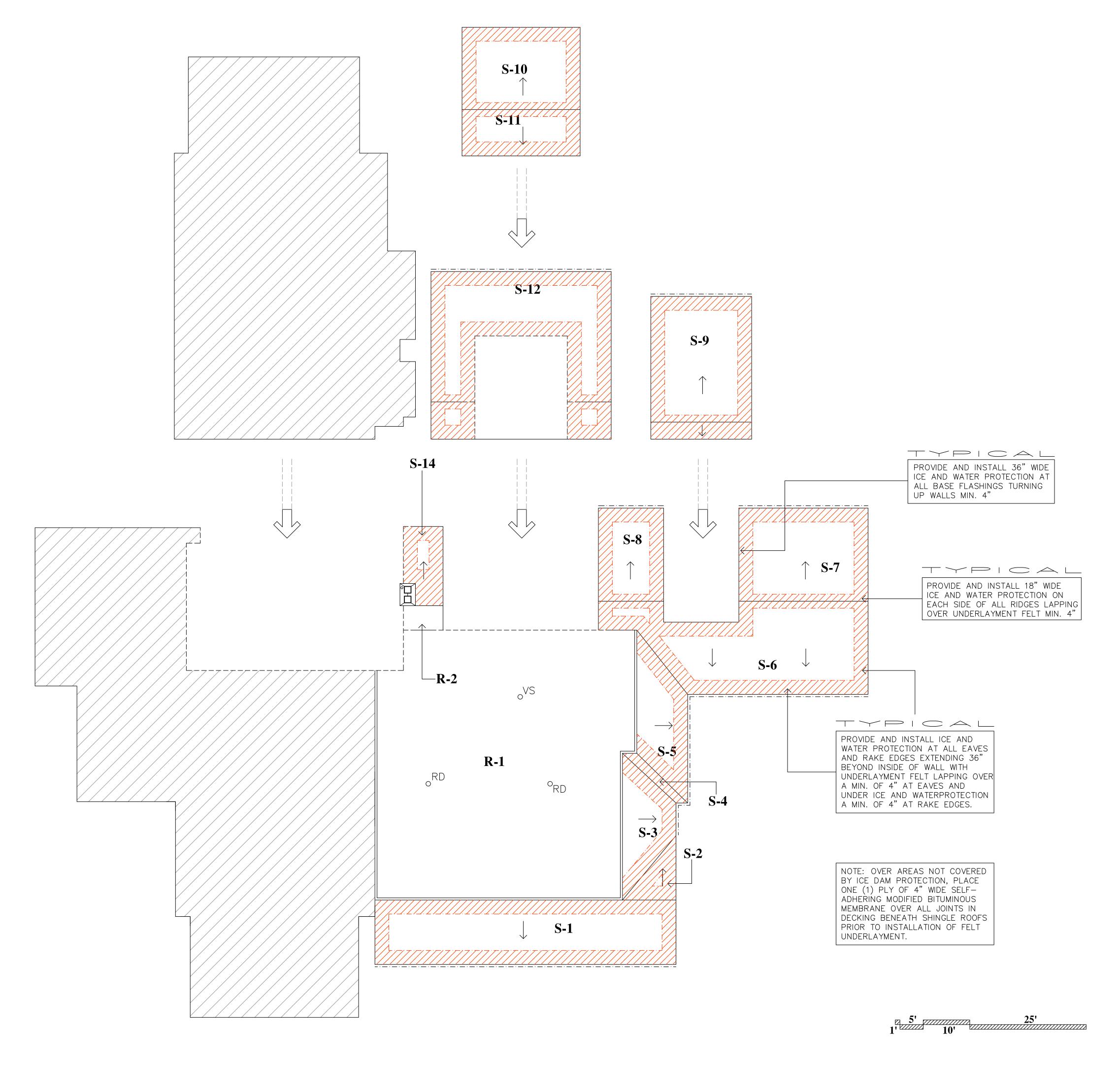
SCALE

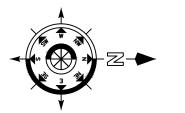
1'=3/32"

DRAWING NUMBER

20 JULY 2018

___ R2





	LEGEND OF SYMBOLS
o RD	ROOF DRAIN
o VS	VENT STACK
\rightarrow	ROOF SLOPE DIRECTION
	MASONRY CHIMNEY
R-1	FLAT ROOF NUMBER
S-5	SLOPED ROOF NUMBER
	ICE AND WATER PROTECTION
	ROOF AREA NOT INCLUDED
	NOTATIONS

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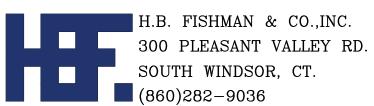
REVISIONS:

2.12.2021

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DRAWN BY: ${f KW}$

CHECKED BY: ${f JW}$



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ICE AND WATER PROTECTION PLAN

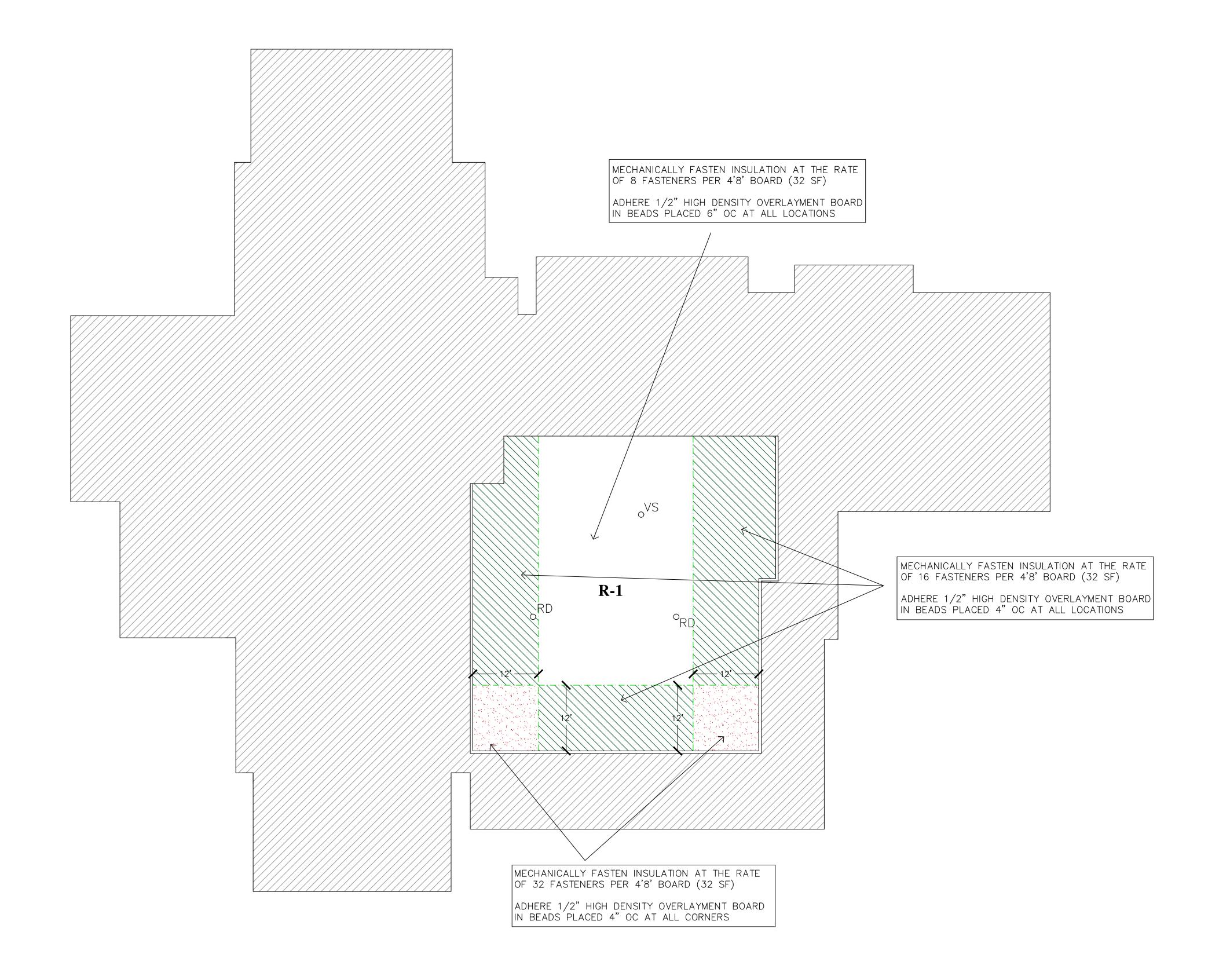
PROJECT NUMBER:
18048492.3
21028977.2

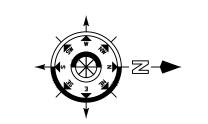
SCALE
1'=3/32"

20 JULY 2018

DRAWING NUMBER

/32" **R2a**





	LEGEND OF SYMBOLS
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REVISIONS:

2.12.2021

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DRAWN BY: KW CHECKED BY: \mathbf{JW}

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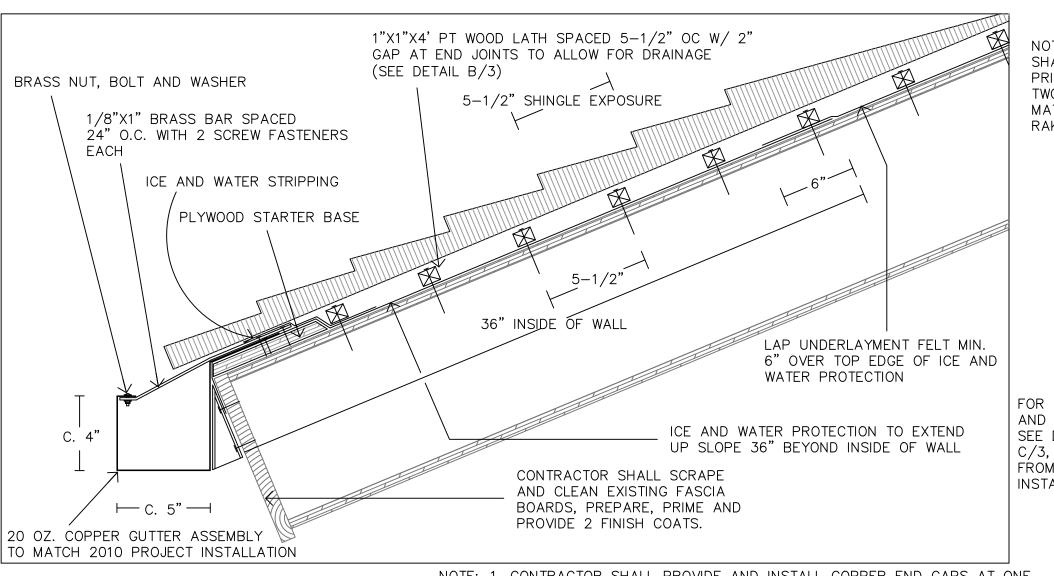
INSULATION FASTENING PATTERN

PROJECT NUMBER: 18048492.3 21028977.3

20 JULY 2018

DRAWING NUMBER

1'=3/32"

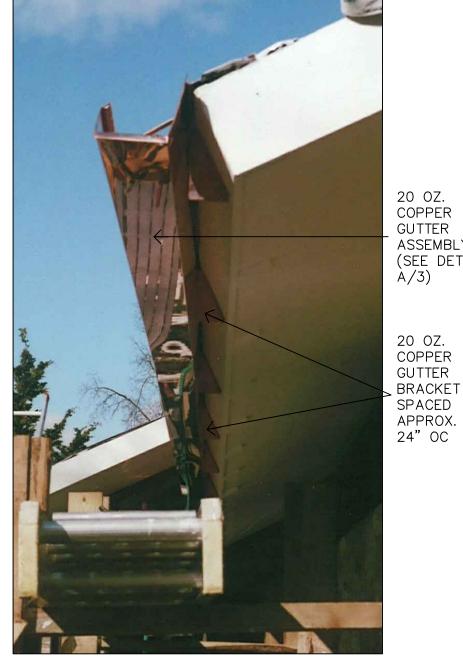


NOTE: AT EAVE LOCATIONS CONTRACTOR SHALL REMOVE DINTEL BLOCKS, PREPARE, PRIME, AND PAINT FACIA BOARD WITH TWO (2) FINISH COATS WITH COLOR TO MATCH EXISTING WOOD FASCIA AT EAVES, RAKES AND SOFFITS.

> 1"X1"X4' PT WOOD LATH
> SPACED 5-1/2" OC W/ 2"
> GAP AT END JOINTS TO ALLOW DRAINAGE (SEE DETAIL A/3)

FOR COMPONENTS AND INSTALLATION SEE DETAILS B/3, C/3, D/3 AND E/3FROM 2010 PROJECT INSTALLATION





GUTTER ASSEMBLY (SEE DETAIL

. CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND PROVIDE 2 FINISH COATS OF TRIM PAINT AT FASCIA, RAKES AND SOFFITS.

NOTE: IT IS THE INTENT OF THESE DRAWINGS

MATERIALS.

 $\mathbf{K}\mathbf{W}$

DRAWN BY:

SHEET TITLE:

REROOFING SHALL RESEMBLE THE

PREVIOUSLY COMPLETED PROJECT IN MATERIALS, WORKMANSHIP AND APPEARANCE, LESS WEATHERING OF

THE DIMENSIONS GIVEN ON THE DRAWINGS AND THE LOCATIONS OF ROOF PENETRATIONS ARE OFFERED ONLY FOR CONVENIENCE AND ARE NOT WARRANTED TO BE CORRECT. THE BIDDER SHALL MAKE HIS OWN MEASUREMENTS TO DETERMINE THE SIZE OF THE ROOF AND PENETRATION LOCATIONS.

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WESTON, CONNECTICUT

ROOF DETAILS

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 \mathbf{JW}

AND SPECIFICATIONS THAT THE COMPLETED

NOTATIONS

LEGEND OF SYMBOLS



NOTE: 1. CONTRACTOR SHALL PROVIDE AND INSTALL COPPER END CAPS AT ONE END OF GUTTER ASSEMBLY ONLY WHEN WATER DRAINS TO DRAINAGE PIT. AT SHORT RUNS OF GUTTER, CONTRACTOR SHALL PROVIDE AND INSTALL GUTTER END CAPS AT BOTH ENDS W/ OUTLET TUBE ONLY OVER DRAINAGE PIT. 2. FIELD CONDITIONS MAY DICTATE REPLACEMENT OF SOME EXISTING SCUPPERS WITH SHORT RUN GUTTERS.





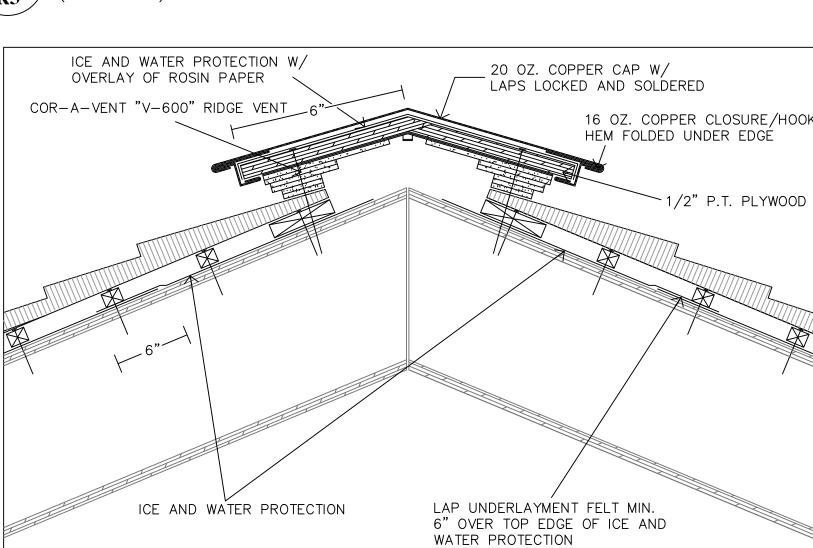
20 OZ. COPPER GUTTER

BRACKET, SHOP FABRICATED.

GUTTER INSTALLATION (2010 PROJECT) **R3**

ICE AND WATER PROTECTION ---20 OZ. COPPER GUTTER ASSEMBLY WITH ___" FLANGE FASTENED ___" O.C. ICE AND WATER PROTECTION STRIPPING -1/8"X 1" BRASS GUTTER STIFFENER SPACED 24" O.C. (SEE DETAIL A/3)

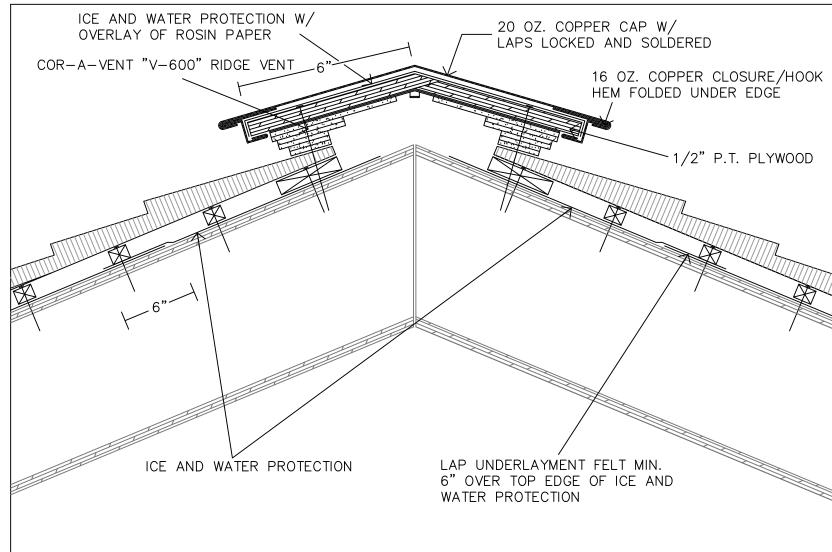
> **GUTTER INSTALLATION** (2010 PROJECT) **R3**



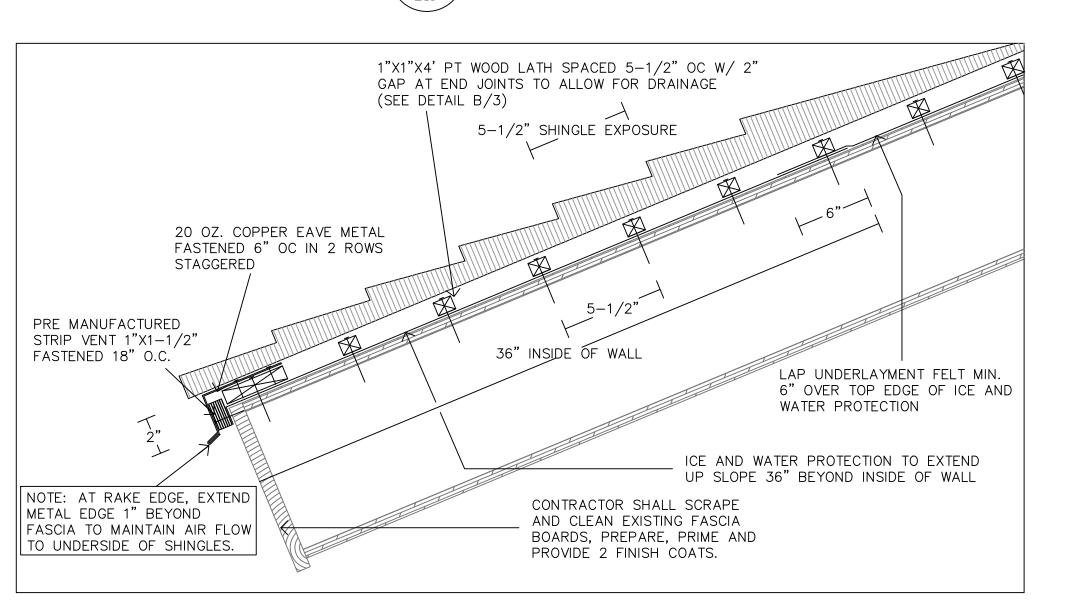
GUTTER BRACKET **R3** (2010 PROJECT)

RIDGE CAP

R3



RIDGE CAP INSTALLATION (2010 PROJECT) **R3**



EAVE/RAKE FLASHING **R3**



COPPER RIDGE CAP SEE DETAIL G/3 FOR RIDGE CAP CROSS SECTION AND INSTALLATION.

- RED ROSIN

NEW SHINGLE INSTALLATION SEE DETAILS B/3 FOR ROOF CROSS SECTION AND IMAGE AT B/3 FOR INSTALLATION OF WOOD LATH.

ICE AND WATER PROTECTION OVER INSTALLED PLYWOOD BASE

DRAWING NUMBER

R3

NOT TO SCALE

18048492.3 21028977.3

PROJECT NUMBER:



PROVIDE AND INSTALL
20 OZ. COPPER
"KICKER"/CLOSURE
AT TRIM RETURN TO
MOVE THE FLOW OF
WATER AWAY FROM
SIDING/TRIM

PROVIDE AND INSTALL
METAL EDGE AS
SHOWN IN DETAIL
F/R3 OR GUTTER AS
SHOWN IN A/R3
WHERE APPROPRIATE



PROVIDE AND INSTALL NEW 20 OZ. COPPER BASEFLASHING WITH WRAPPED CORNERS AT TRANSITION TO STEP FLASHINGS. SECURE LEADING EDGE OF BASEFLASHING TO PRE PLACED 20 OZ. COPPER HOOKSTRIP. SEE DETAIL C/R4 FOR TYPICAL.



PROVIDE AND INSTALL NEW 20 OZ. COPPER STEP FLASHING AND BASEFLASHING WITH CLOSURE AT INSIDE AND OUTSIDE CORNERS,

SECURE BASFLASHING LEADING EDGE W/ 20 OZ. COPPER HOOKSTRIP.

NOTE: CONTRACTOR SHALL MAINTAIN USE OF EXISTING STEP FLASHING AND SLIP NEW COPPER STEP FLASHINGS UP BEHIND EXISTING TO MAINTAIN WATER TIGHTNESS.



R4

STEP FLASHING KICKER





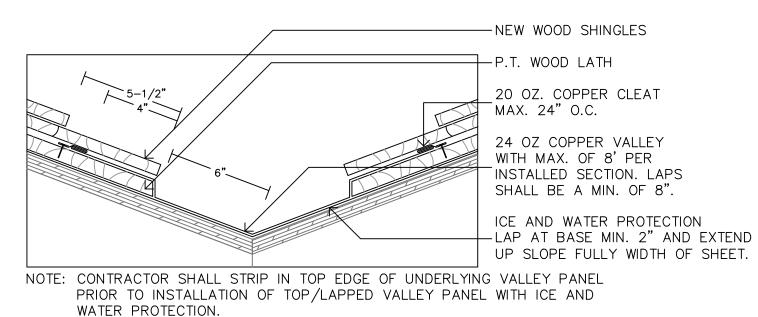


PROVIDE AND INSTALL NEW COPPER FLASHING
-TRANSITION/SADDLE WITH ALL SEAMS CONTINUOUSLY
WELDED AS REQUIRED.

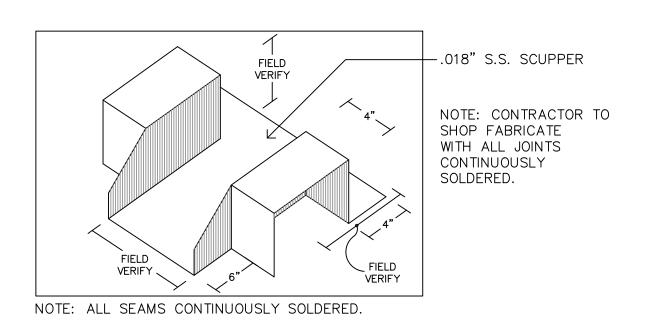
PROVIDE AND INSTALL 20 OZ. COPPER METAL EDGE AS SHOWN IN DETAIL J/R5

COPPER STEP FLASHING INSTALLED IN 2010 TO REMAIN

_EPDM WALL FLASHING INSTALLED
IN 2010 TO REMAIN









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DRAWN BY: CHECKED BY:

LEGEND OF SYMBOLS

NOTATIONS

AT FASCIA, RAKES AND SOFFITS.

. CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND PROVIDE 2 FINISH COATS OF TRIM PAINT

H.B. FI

 $\mathbf{K}\mathbf{W}$

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 \mathbf{JW}

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ROOF DETAILS

PROJECT NUMBER: 18048492.3 21028977.3

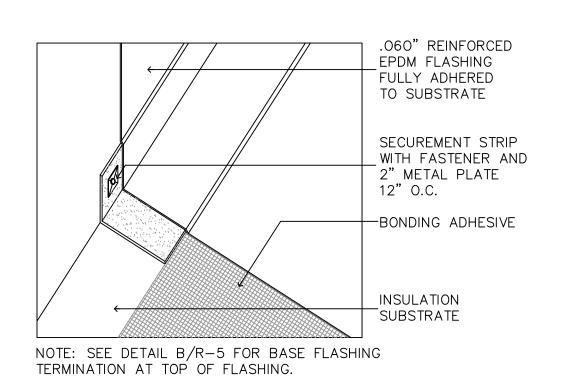
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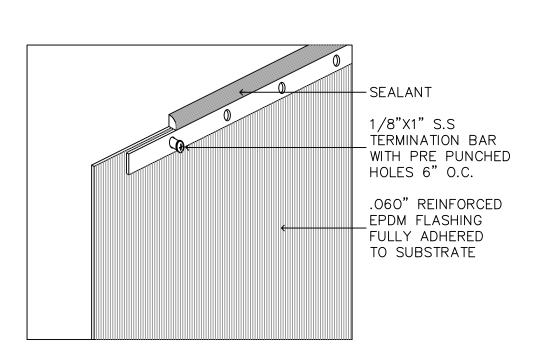
DRAWING NUMBER

R4

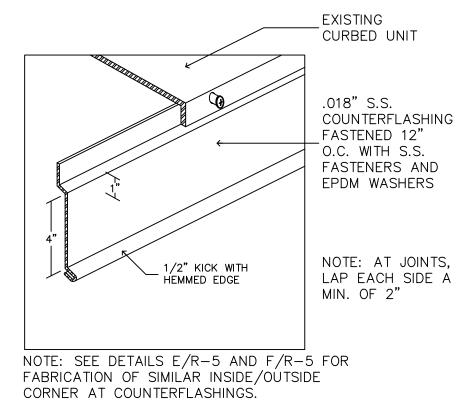
SHINGLE/PARAPET WALL TRANSITION



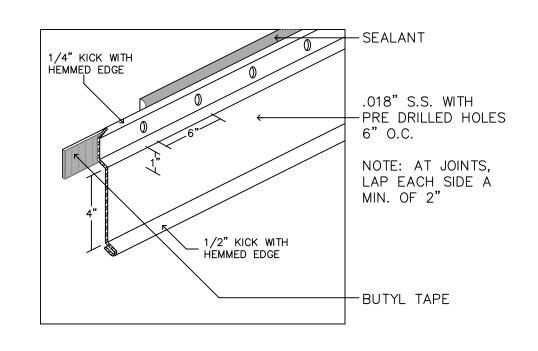




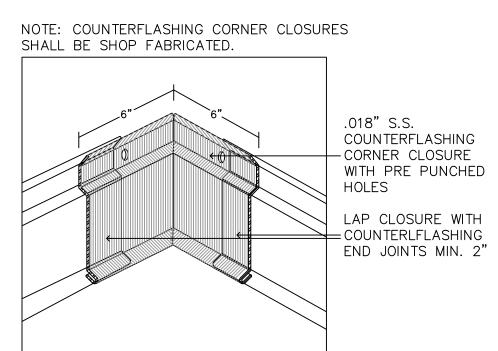






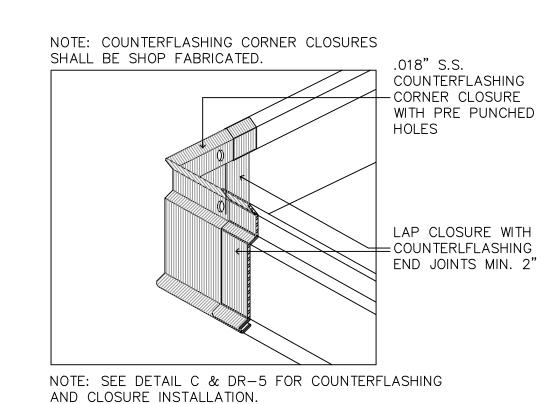




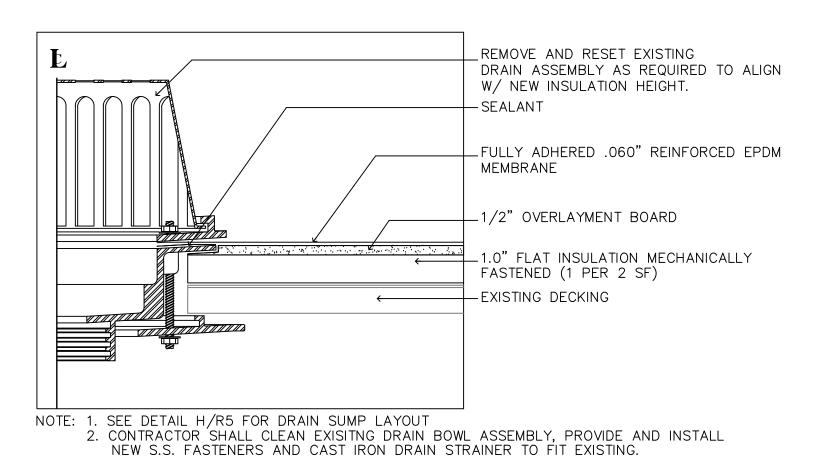


NOTE: SEE DETAIL C & D/R-5 FOR COUNTERFLASHING AND CLOSURE INSTALLATION.

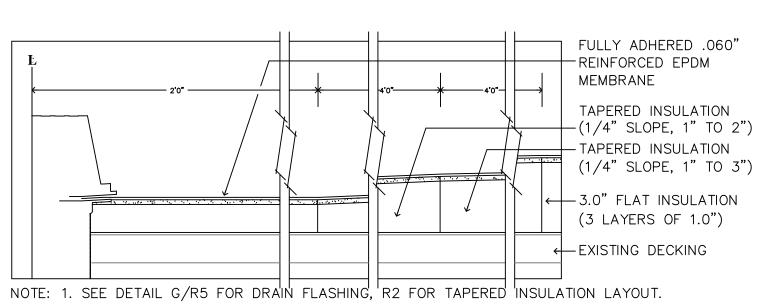
R5 / CLOSURE



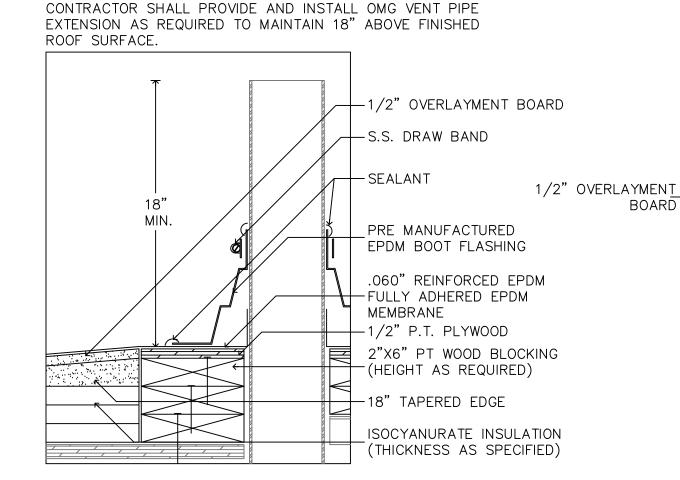






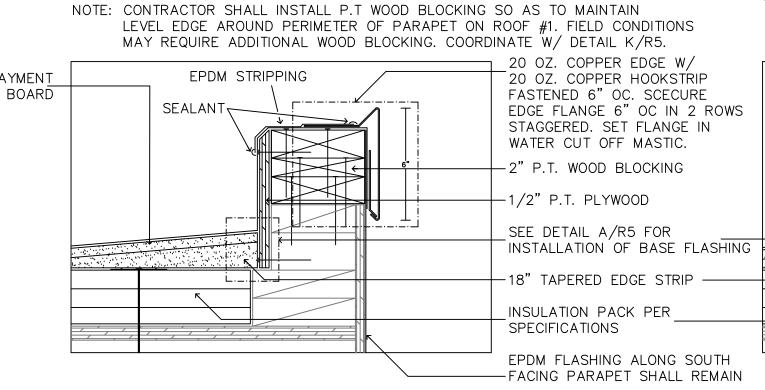




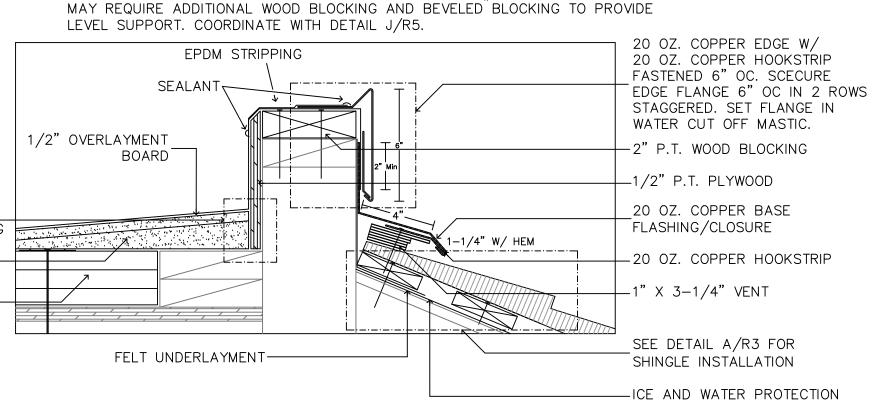


INSIDE COUNTERFLASHING





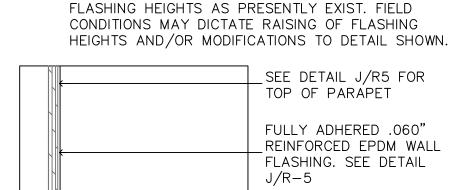




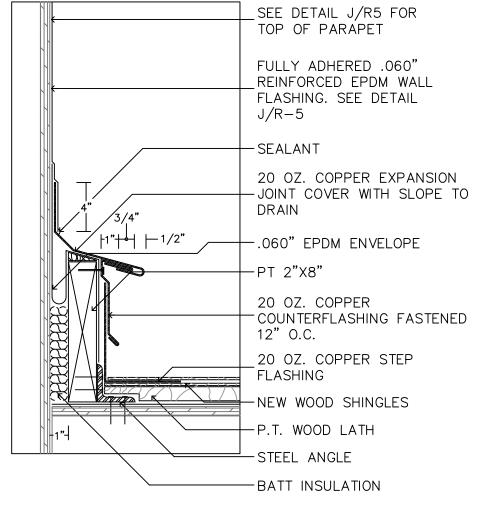
PARAPET WALL TRANSITION FLASHING **R5**

NOTE: CONTRACTOR SHALL INSTALL P.T WOOD BLOCKING SO AS TO MAINTAIN

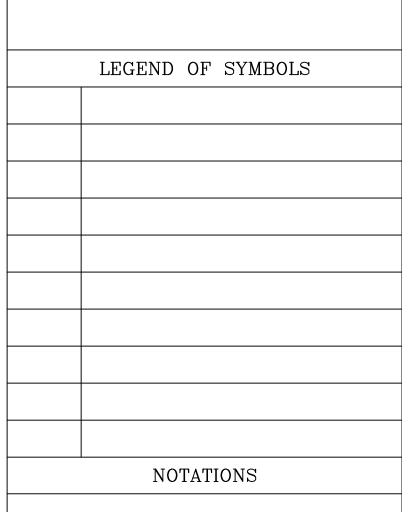
LEVEL EDGE AROUND PERIMETER OF PARAPET ON ROOF #1. FIELD CONDITIONS



NOTE: AT AREAS OF SLOPED ROOF, MAINTAIN MIN. 4"



WALL EXPANSION JOINT **R5**



CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND PROVIDE 2 FINISH COATS OF TRIM PAINT AT FASCIA, RAKES AND SOFFITS.

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DRAWN BY: CHECKED BY: KW

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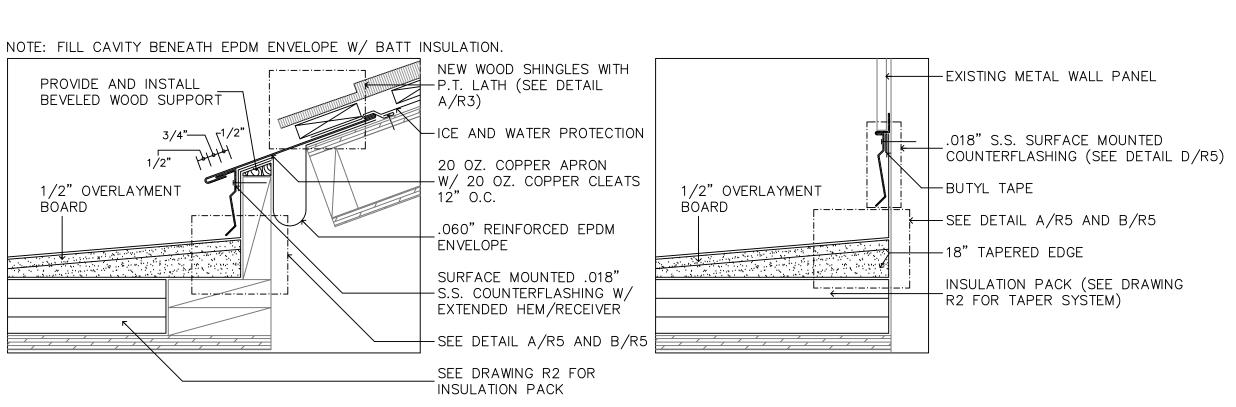
> **56 NORFIELD STREET** WESTON, CONNECTICUT

ROOF DETAILS

PROJECT NUMBER: DRAWING NUMBER 18048492.3 21028977.3

R5

NOT TO SCALE





PROVIDE AND INSTALL NEW EPDM -BASE FLASHING PER DETAILS A/R5 AND B/R5

PROVIDE AND INSTALL S.S. COUNTERFLASHING SIMILAR TO D/R5

PROVIDE AND INSTALL NEW -"EXPAND-O-FLASH EXPANSION JOINT TO MATCH EXISTING.

PROVIDE NEW FULLY ADHERED .060" - REINFORCED EPDM MEMBRANE OVER 3.0" MECHANICALLY FASTENED INSULATION

PROVIDE AND INSTALL 20 OZ. COPPER EDGE WITH HOOKSTRIP AT TRANSITION OF -EPDM TO SHINGLES. METAL EDGE FLANGE SHALL BE 4" WIDE AND FASTENED 6" O.C. NOTE: CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND PROVIDE 2 FINISH COATS OF TRIM PAINT AT FASCIA, RAKES AND SOFFITS.



- SEE DETAIL K/R5

— SEE DETAIL J/R5

PROVIDE AND INSTALL NEW FULLY ADHERED .060" REINFORCED EPDM MEMBRANE (SEE DRAWING R2 FOR TAPERED INSULATION)

NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL WOOD BLOCKING SO AS TO REMAIN AT CONSTANT HEIGHT AROUND PERIMETER PARAPET (SEE DETAILS J/R5 AND K/R5)











SEE DETAIL A/R6 FOR SHINGLE/EXPANSION JOINT

SEE DETAIL K/R5 FOR SIMILAR EXPANSION JOINT AT BASE FLASHING INSTALLATION

CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND = PROVIDE 2 FINISH COATS OF TRIM PAINT AT FASCIA, RAKES AND SOFFITS

SEE DRAWING R2 FOR -INSULATION PACK



SEE DETAIL K/R5 FOR PARAPET WALL DETAIL

PROVIDE AND INSTALL WOOD BLOCKING TO MATCH ADJACENT -PARAPET WALLS SO AS TO INSTALL PRE MANUFACTURED METAL EDGE SYSTEM.

NOTE: CONTRACTOR SHALL PROVIDE AND INSTALL PRE MANUFACTURED INSIDE AND OUTSIDE CORNERS AS PART OF THE METAL EDGE SYSTEM.



-SEE DETAIL A/R6 -SEE DETAIL D/R4 -SEE DETAIL J/R5 SEE DRAWING R2 FOR INSULATION PACK



— SEE DETAIL K/R5

LAYOUT









BASE FLASHING/EXPANSION JOINT R6



PROVIDE AND INSTALL EXPANSION JOINT SIMILAR TO THAT SHOWN

CUT COUNTERFLASHING AND HEM EDGE FORMING A RECEIVER

PROVIDE AND INSTALL NEW 20 OZ. COPPER COUNTERFLASHING

PROVIDE AND INSTALL NEW "EXPAND-O-FLASH" EXPANSION JOINT TO MATCH EXISTING.

PROVIDE AND INSTALL 20 OZ. COPPER EDGE WITH HOOKSTRIP AT TRANSITION OF EPDM TO SHINGLES. METAL EDGE FLANGE SHALL BE 4" WIDE AND FASTENED 6" O.C. IN TWO ROWS STAGGERED.

PROVIDE AND INSTALL NEW FULLY ADHERED .060" REINFORCED EPDM MEMBRANE OVER 3.0" MECHANICALLY FASTENED INSUALTION



REMOVE EXISTNG CLAPBOARDING, PROVIDE AND INSTALL .060" FULLY ADHERED REINFORCED EPDM WALL FLASHING. SEE DETAIL J/R5 FOR TOP OF WALL.

MAINTAIN BASE FLASHING HEIGHT ON SLOPE, PROVIDE AND INSTALL NEW COPPER EXPANSION JOINT CAP SIMILAR TO THAT SHOWN IN DETAIL K/R5. CONTRACTOR SHALL INTERFACE EXISTING FLASHING HEIGHT WITH NEW FLASHING HEIGHT AT TRANSITION TO OPEN VALLEY BETWEEN SLOPES.

SEE DETAIL G/R4



REMOVE EXISTING CLAPBOARDING, PROVIDE AND INSTALL .060" FULLY ADHERED REINFORCED EPDM WALL FLASHING. SEE DETAIL J/R5 FOR TOP

PROVIDE AND INSTALL NEW EXPANSION JOINT PER DETAIL K/R5. NEW FLASHING HEIGHT SHALL INTERFACE WITH SLOPED EXPANSION JOINT AS SHOWN IN DETAIL J/R6

PROVIDE AND INSTALL NEW FULLY ADHERED .060" REINFORCED EPDM.







OF ROOF PENETRATIONS ARE OFFERED ONLY FOR CONVENIENCE AND ARE NOT WARRANTED TO BE CORRECT. THE BIDDER SHALL MAKE HIS OWN MEASUREMENTS TO DETERMINE THE SIZE OF THE ROOF AND PENETRATION LOCATIONS. DRAWN BY:

THE DIMENSIONS GIVEN ON THE DRAWINGS AND THE LOCATIONS

 \mathbf{JW}

LEGEND OF SYMBOLS

NOTATIONS

AT FASCIA, RAKES AND SOFFITS.

. CONTRACTOR SHALL SCRAPE, PREPARE, PRIME AND PROVIDE 2 FINISH COATS OF TRIM PAINT

 $\mathbf{K}\mathbf{W}$

B. FISHMAN & CO.,INC. 300 PLEASANT VALLEY RD. SOUTH WINDSOR, CT. (860)282-9036

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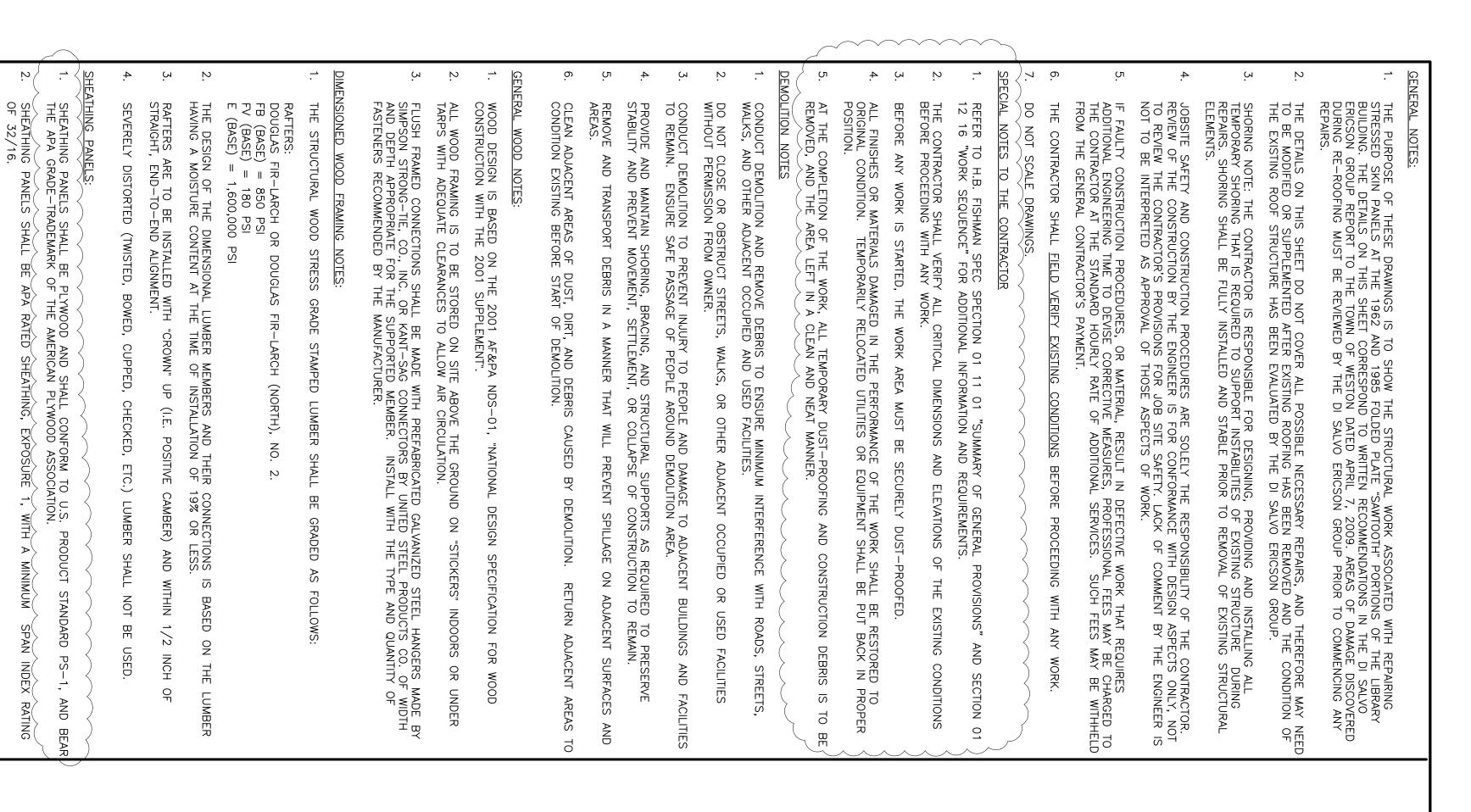
ROOF DETAILS

PROJECT NUMBER: 18048492.3 21028977.3

R6

DRAWING NUMBER

NOT TO SCALE



CUT BACK EX. PLYWOOD TO \P OF RAFTER ----

EX. PLYWOOD

#8 SCREW AT 6"o.c., EX. PLYWOOD TO RAFTER, TYP.

NEW 1/2" PLYWO

(4)-ROWS #8 SCREWS AT 6"o.c.

 \times

 \times

 \otimes

 \times

CONTINUOUSLY GLUE EX AND NEW PLYWOOD TO SPLICE PLYWOOD

 \times

 \times

NEW I/2" PLYWOOD SPLICE TYP. ———

#8 SCREW AT 6"o.c.,
NEW PLYWOOD TO
RAFTER, TYP.————

×

 \times

 \times

l'-2"

 \times

 \times \times

 \times

CONTINUOUSLY OF TO 2

CLUE NEW

EX. 2x6 RAFTE

REP A R <u>DETAIL</u> MITH MINOR DAMAGE

- DETAIL APPLIES AT AREAS WITH DAMAGE TO TOP LAYER OF PLYWOOD ONLY, NO DAMAGE TO RAFTERS OR TO BOTTOM LAYER OF PLYWOOD.
- DETAIL
- NEW PLYMOOD TO BE I/2" THICK

SHEATHING PANELS ON FLAT SURFACES SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR ACROSS SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS. PROVIDE 1/8" SPACE BETWEEN PANEL EDGES PARALLEL TO FACE GRAIN, 1/16" SPACE BETWEEN PANEL EDGES OVER SUPPORTING MEMBERS.

ROOF SHEATHING (TOP AND BOTTOM OF RAFTERS) SHALL BE GLUED TO SUPPORTING MEMBERS AND PLYWOOD SPLICE PIECES WITH CONSTRUCTION ADHESIVE SUCH AS PL200, APPLIED SO THAT THE FULL CONTACT AREA OF THE MEMBERS IS GLUED TOGETHER.

NAILS AND SPIKES SHALL CONFORM TO THE NOMINAL SIZES SPECIFIED IN FEDERAL SPECIFICATIONS $\mathsf{FF}-\mathsf{N}-\mathsf{105B}$ and as noted below:

FASTENERS NOTES:

?

WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 - 19.81.

PNEUMATIC OR ELECTRIC POWERED HAMMERS TYPICALLY UTILIZE LIGHTER GAGE FASTENERS AND NORMALLY REQUIRE ADDITIONAL FASTENERS TO BE INSTALLED. FASTENER SPECIFICATIONS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION IF POWERED HAMMERS ARE TO BE USED.

ENGINEER:

SMO

AS NOTED

NVE

WESTON, CT

SHANK DIAMETER LENGTH HEAD DIAMETER

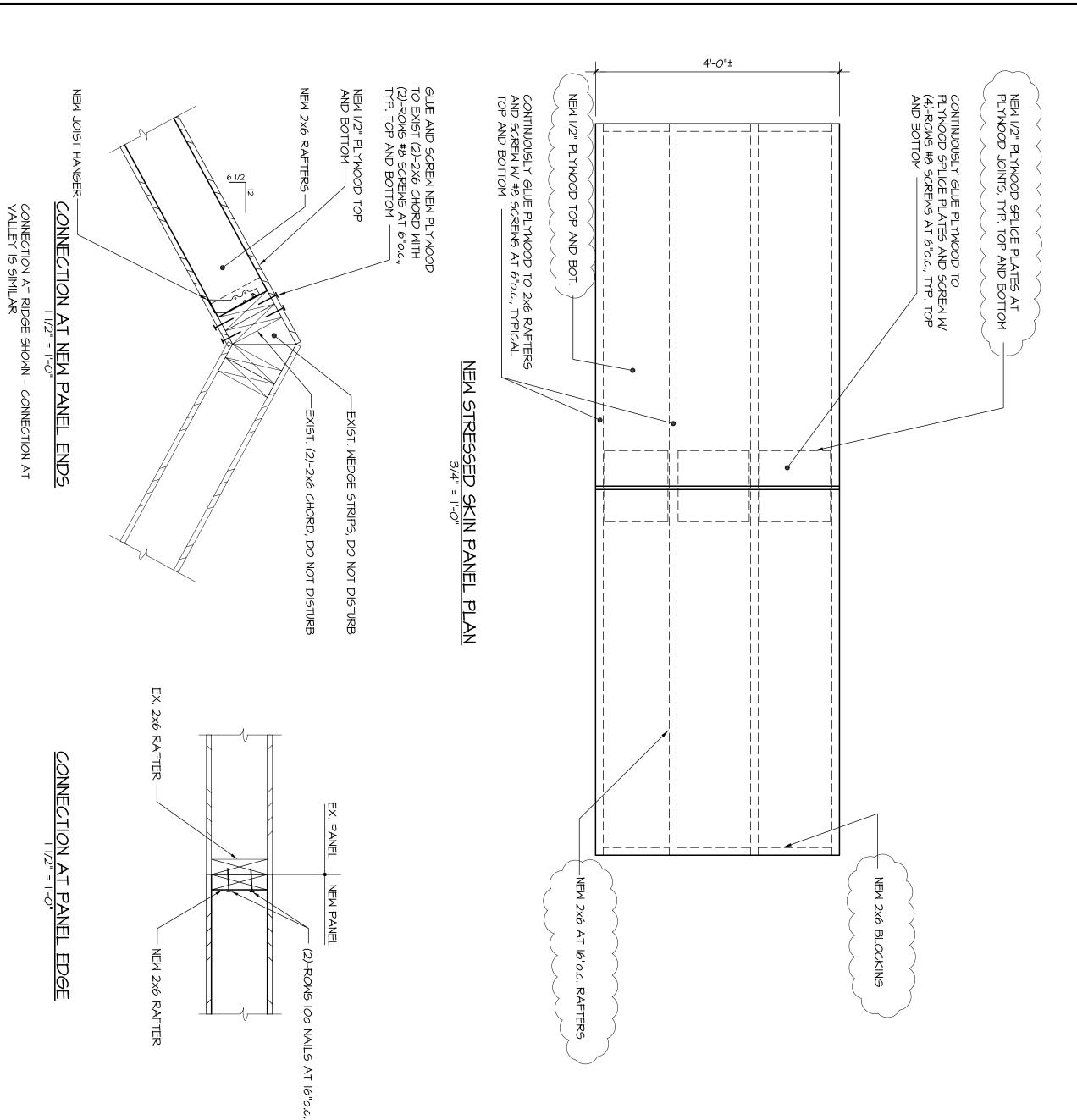
8D 0.131" 2.50" 0.281"

PENNYWEIGHT
10D
31" 0.148"
"
3.00"
3.00"
3.0312"

12D 0.148" 3.25" 0.12"

16D 0.162" 3.50" 0.344"

20D 0.192" 4.00" 0.406"



REPAIR DETAIL HTIM X X S R AMAGE

- SPREAD *O*T
- DETAIL APPLIES WHERE DAM PLYWOOD AND 2X6 RAFTERS
- DETAIL INVOLVES THE REPL PRIOR TO REMOVAL OF SHORED. ≯N **EXISTING** AN ENTIRE ENTIRE RIDGE

SEAL: STRESSED SKIN PANEL REPAIR DETAILS WESTON LIBRARY ROOF INVESTIGATION

Structural Engineers, Inc
63 Copps Hill Road
Ridgefield, CT 06877
Tel: (203) 438-9581
Fax: (203) 431-6168
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