

TYPICAL SECTION ~ LOOKING AWAY FROM THE ROAD

1/2" = 1'-0"
NOTE: MEMBERS IN BOLD ARE UNDERSIZED AND NEED RETROFIT
TO BE ABLE TO SUPPORT DESIGN LOADS

DESIGN LOADS

DESIGN LOADS PER INTERNATIONAL BUILDING

CODE 2012 IN CONJUNCTION WITH MINIMUM

DESIGN LOADS FOR BUILDINGS 2010

GROUND SNOW LOAD = 60psf UNBALANCED ROOF SNOW LOAD = 60psf LIVE LOAD = 125psf (LIGHT STORAGE)

EXISTING STRUCTURAL MEMBER FLOOR JOIST ~ 2x8 @ 2'-0" CARRYING BEAM ~ (3) 2x8 |2' SPAN 2ND FLOOR COLUMNS ~ (3) 2x6 |2' SPACING IST FLOOR COLUMNS ~ (3) 2x6 |2' SPACING 56./psf

<u>GENERAL NOTES</u>

I.LAMINATED VENEER LUMBER SHALL HAVE A MINIMUM MODULUS OF ELASTICITY OF E=2,000,000 PSI AND A MINIMUM F =3100 PSI

2. ALL SAWN DIMENSION LUMBER IS NOMINAL SIZE, SPF #2 GRADE

3. ALL STEEL SHALL BE IN NEW OR GOOD USED CONDITION

4. ALL STEEL TO MEET THE REQUIREMENTS OF ASTM A36 OR BETTER

5. ALL BOLTS SHALL BE A325 BOLTS

6. ALL MATERIALS STORED ON THE PROJECT SHALL BE PROTECTED FROM THE ELEMENTS BY BEING STORED INDOORS ABOVE GROUND LEVEL ON SUITABLE DUNNAGE.

7. ALL DIMENSIONS WITHIN THESE DETAILS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT DIMENSIONS IN THE FIELD.

8. ANY CONFLICT BETWEEN THESE PLANS AND EXISTING CONDITIONS SHOULD BE ADDRESSED BY THE ENGINEER OF RECORD. DO NOT PROCEED WITH DEPENDENT WORK UNTIL ANY CONFLICT HAS BEEN ADDRESSED BY THE ENGINEER OF RECORD.

9. ALL MATERIALS REQUIRED TO BE REMOVED AND REUSED, SHALL BE MAINTAINED IN SERVICEABLE CONDITION, STORED IN A MOISTURE FREE ENVIRONMENT INDOORS, AND ABOVE THE GROUND LEVEL.

IO. ALL MODIFICATION WORK MUST BE DONE WITH ONLY STRUCTURAL DEAD LOAD. DO NOT PERFORM THIS WORK WHEN THE STRUCTURE IS SUBJECT TO SNOW OR LIVE LOAD CONDITIONS.

II. THESE DESIGNS ARE BASED ON TYPICAL SECTIONS OF THE WHOLE OF THE BUILDING. THERE ARE LOCATIONS WHERE THESE DESIGNS WILL NEED TO BE MODIFIED ACCORDING TO THE EXISTING SECTION. THOSE LOCATIONS WILL BE ADDRESSED ON A CASE BY CASE BASIS.

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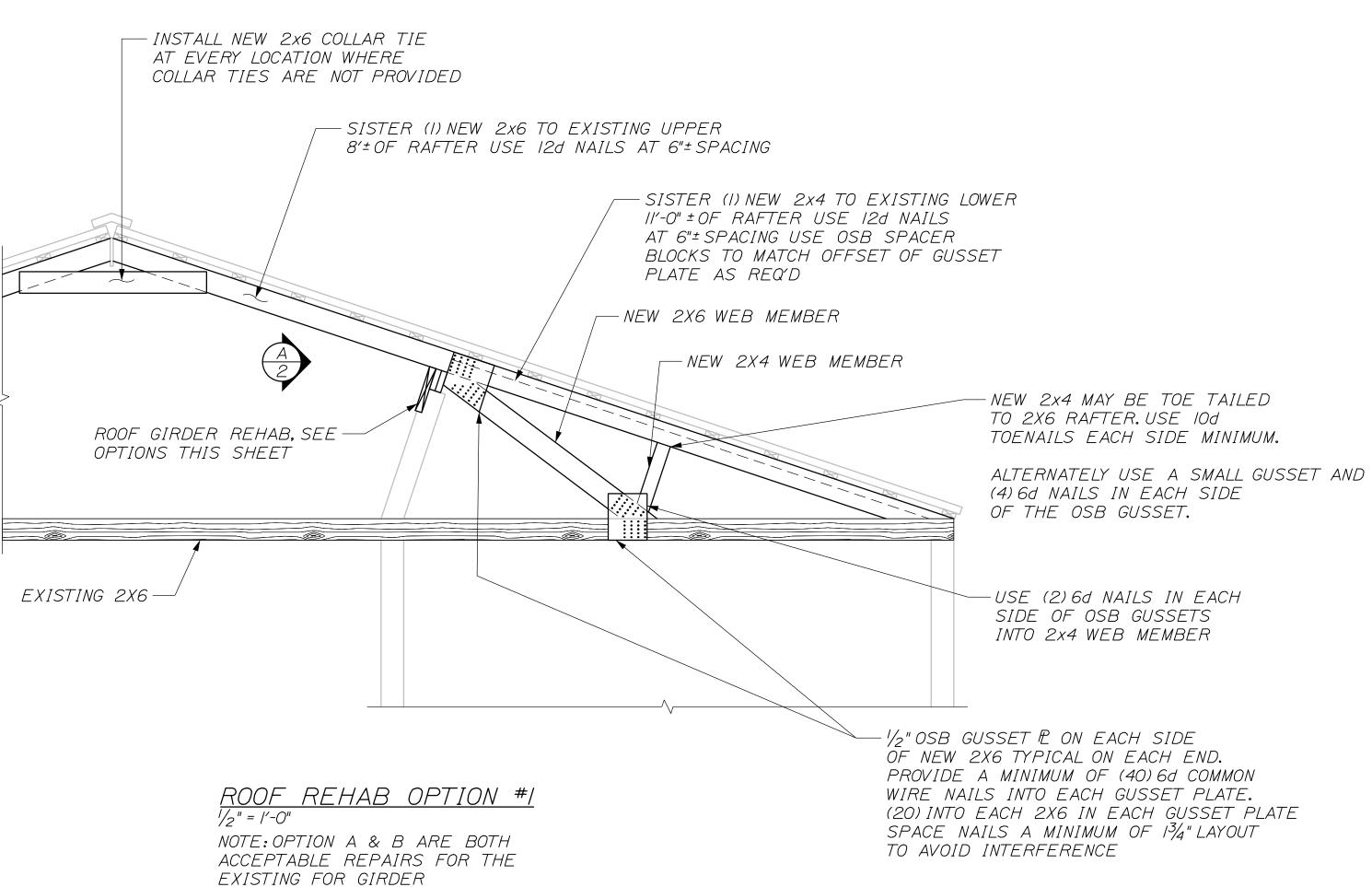
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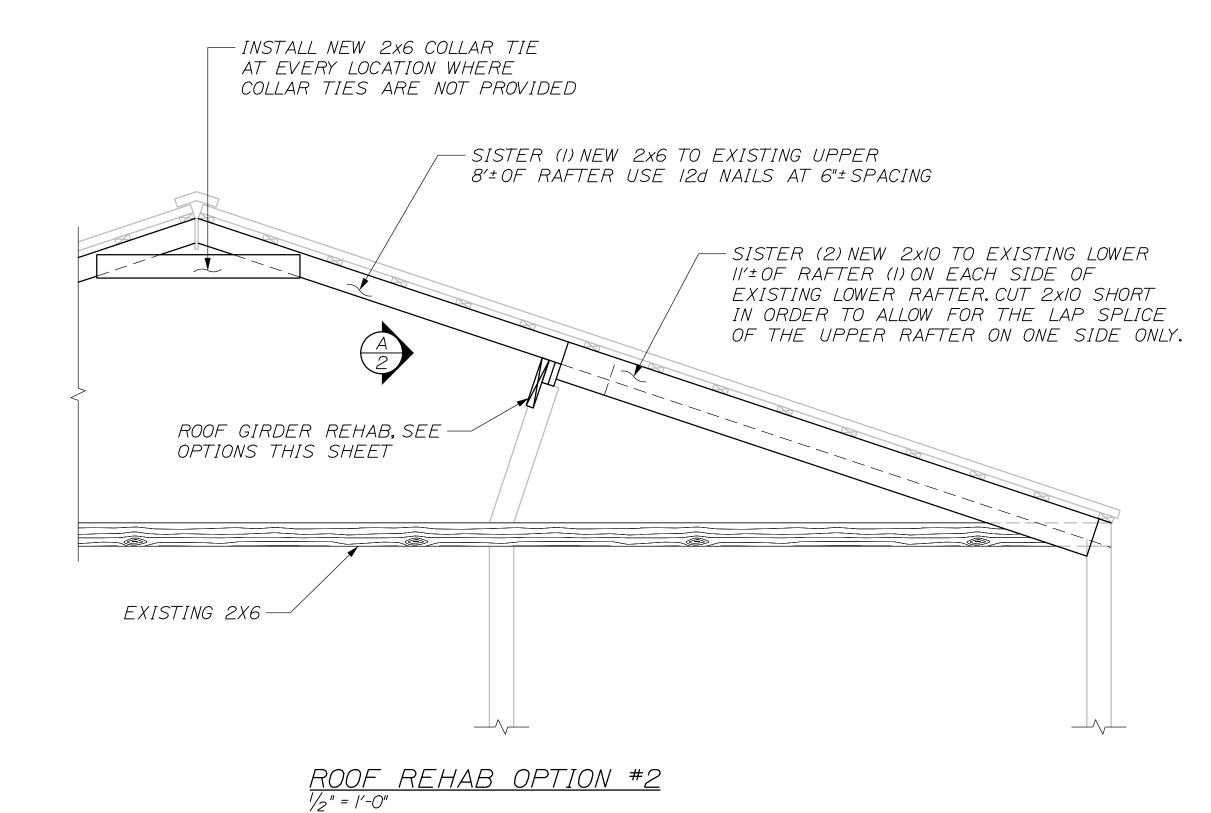


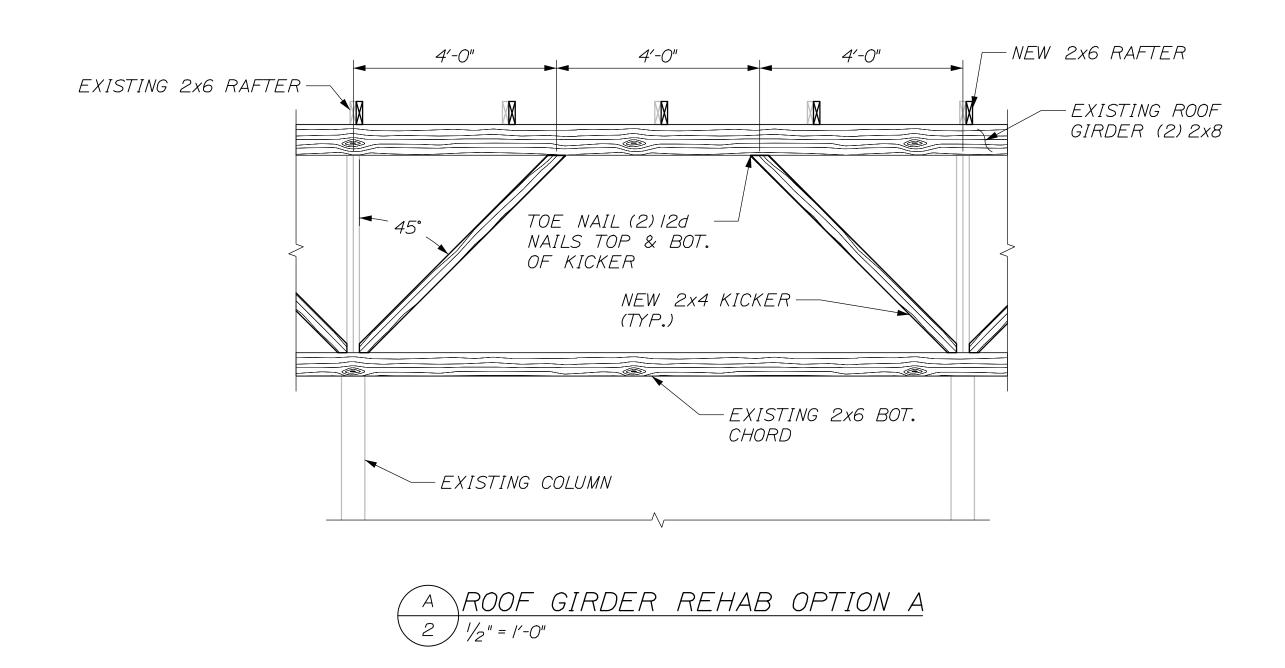
NOTE: OPTION A & B ARE BOTH
ACCEPTABLE REPAIRS FOR THE
EXISTING FOR GIRDER

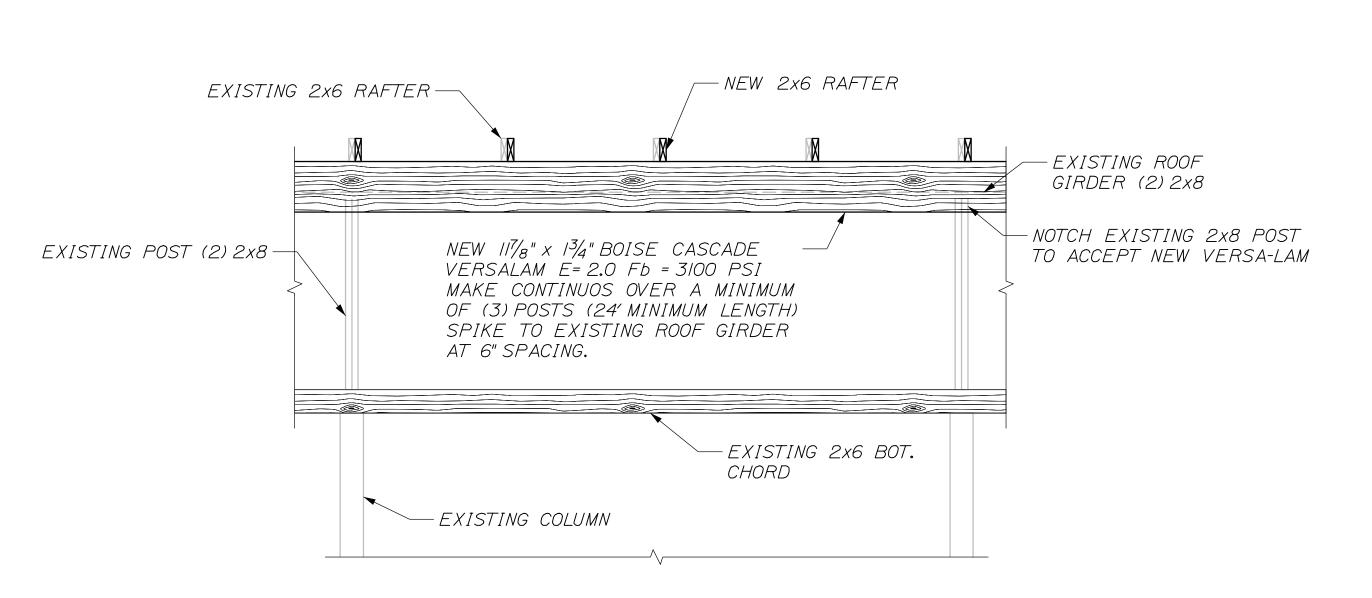
<u>GENERAL NOTES</u>

2. ALL OSB SHALL BE STRUCTURAL I

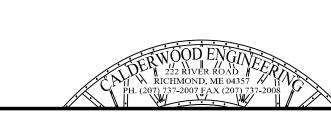
I. ALL NEW LUMBER SHALL BE SPF #2 OR BETTER







A ROOF GIRDER REHAB OPTION B
2 1/2" = 1'-0"



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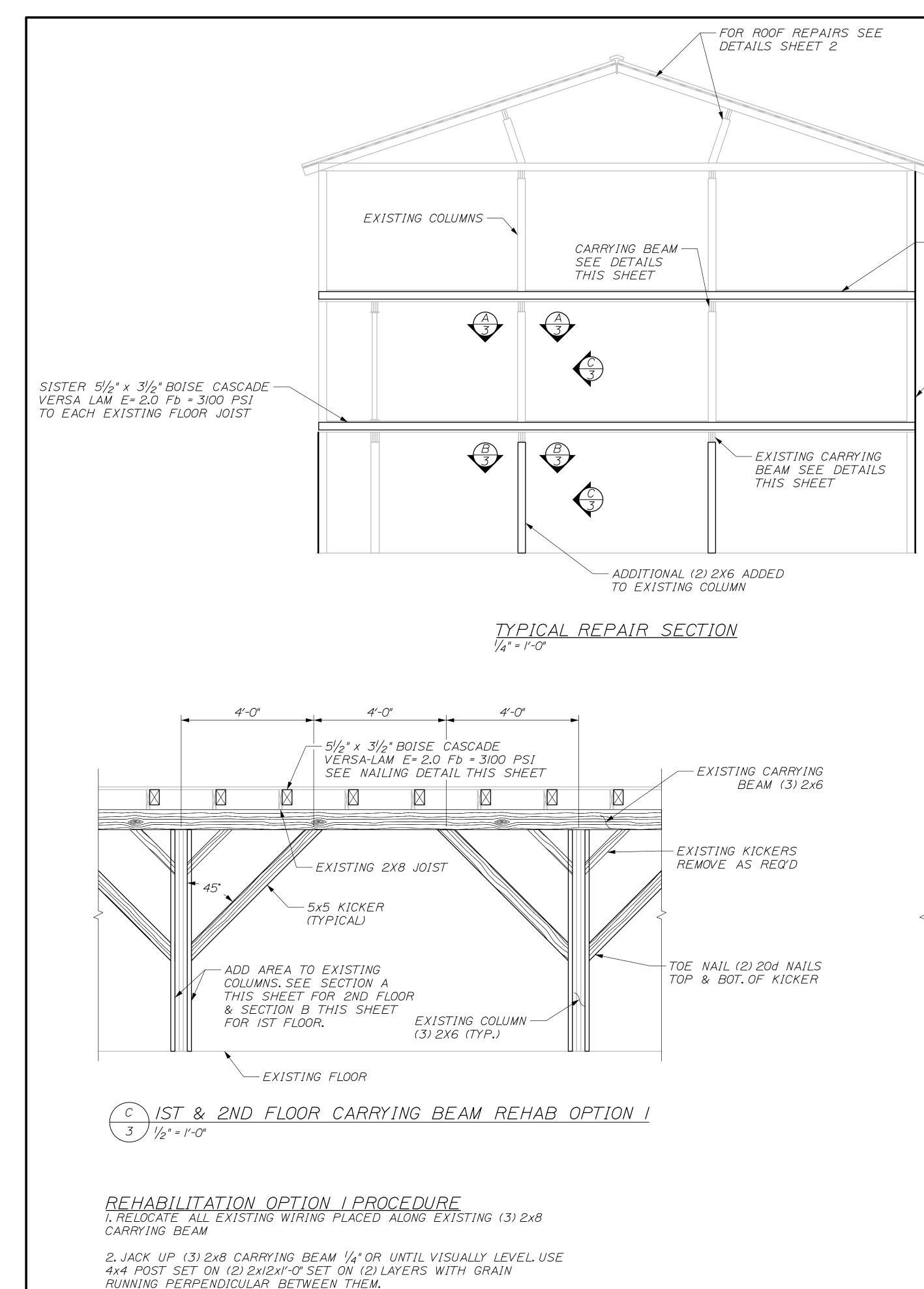
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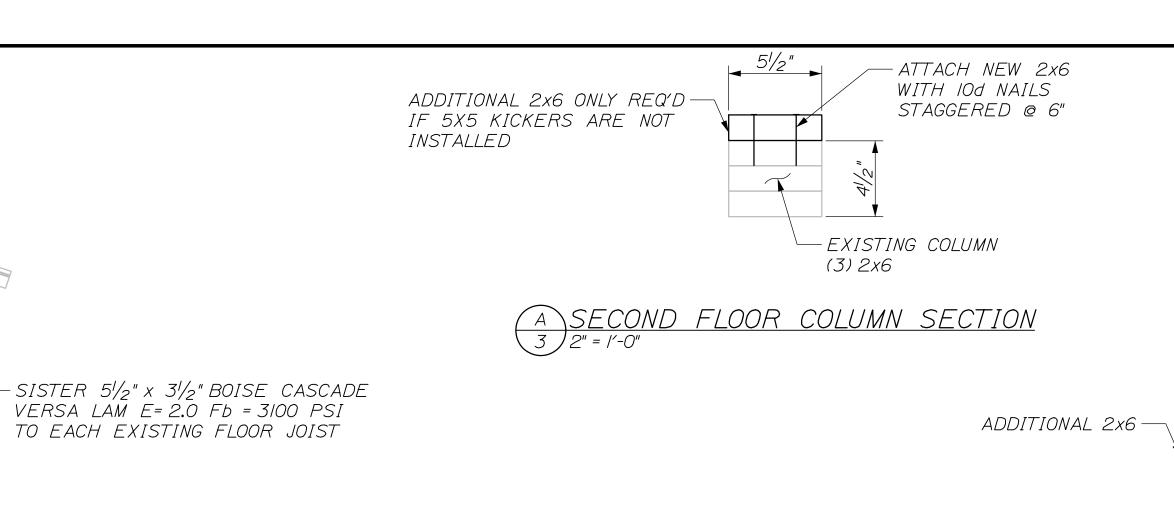


3. INSTALL ADDITIONAL SECTION TO EXISTING COLUMNS AS SHOWN IN SECTIONS

4. INSTALL 5x5 KICKERS TIGHT BETWEEN CARRYING BEAM AND COLUMNS AS SHOWN

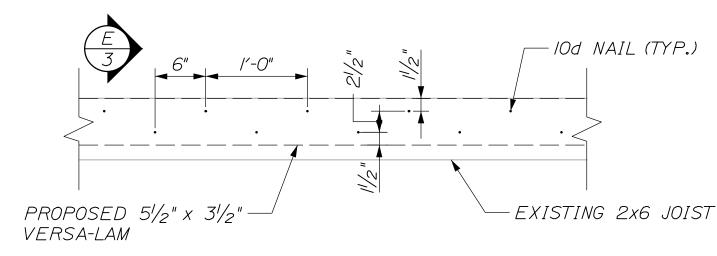
A AND B THIS SHEET.

5. REMOVE 4x4 TEMPORARY POST

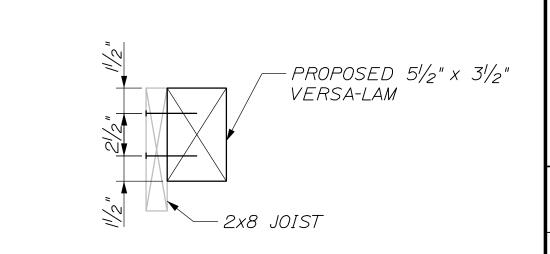


- ATTACH NEW 2x6 WITH *IOd NAILS STAGGERED* @ 6" SIMILAR TO JOIST NAILING DETAIL THIS SHEET EXISTING COLUMN (3) 2x6- ADDITIONAL 2x6

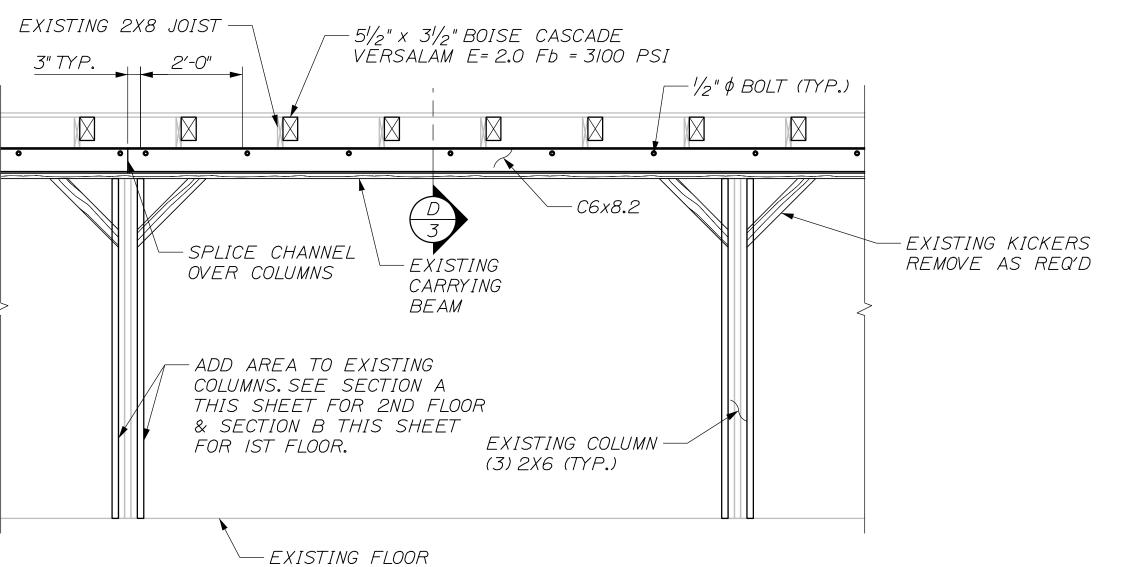
B FIRST FLOOR COLUMN SECTION
3 2" = 1'-0"







<u>E JOIST SECTION VIEW</u>





REHABILITATION OPTION 2 PROCEDURE I. RELOCATE ALL EXISTING WIRING PLACED ALONG EXISTING (3) 2x8 CARRYING BEAM

2. JACK UP (3) 2x8 CARRYING BEAM 1/4" OR UNTIL VISUALLY LEVEL. USE 4x4 POST SET ON (2) 2x12x1'-0" SET ON (2) LAYERS WITH GRAIN RUNNING PERPENDICULAR BETWEEN THEM. JACK UP CONSECUTIVE SPANS AS REQ'D TO MATCH THE LENGTH OF C6x8.2 CHANNELS. SOLIDLY BLOCK TEMP POST.

3. DRILL 9/16" HOLES @ 2'-0" CENTERS ALONG EXSITING CARRYING BEAM TO MATCH HOLES IN NEW C6x8.2 CHANNELS.

4. INSTALL (2) C6x8.2 CHANNELS AS SHOWN WITH $\frac{1}{2}$ " ϕ BOLTS 2'-0".

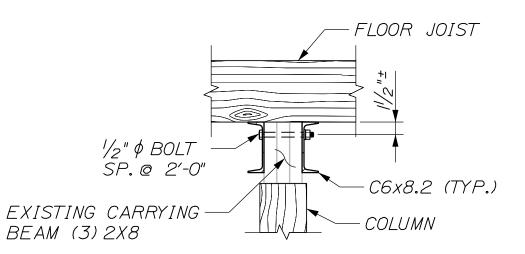
5. REMOVE 4x4 TEMPORARY POST

TO EACH EXISTING FLOOR JOIST

OR PLANKING

-INSTALL 1/2" PLYWOOD OR OSB TO EXTERIOR WALLS WHERE STUDS

ARE NOT COVERED BY PLYWOOD



(D) CARRYING BEAM SECTION

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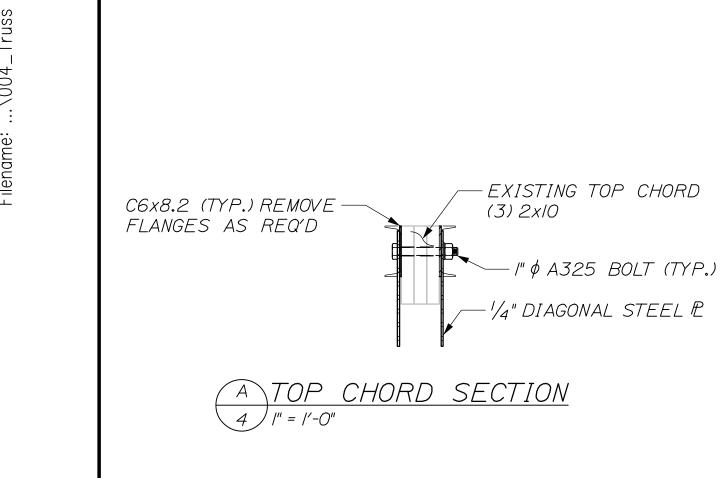
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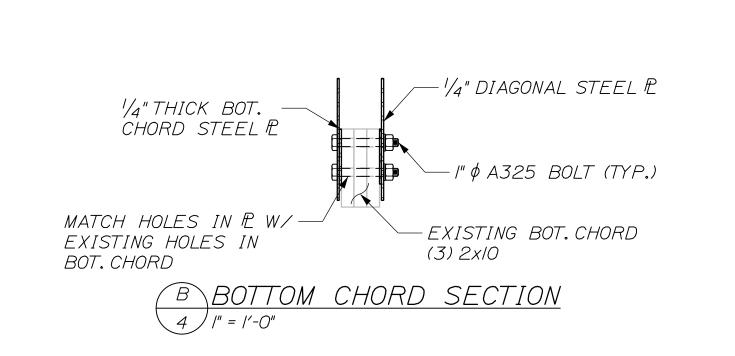
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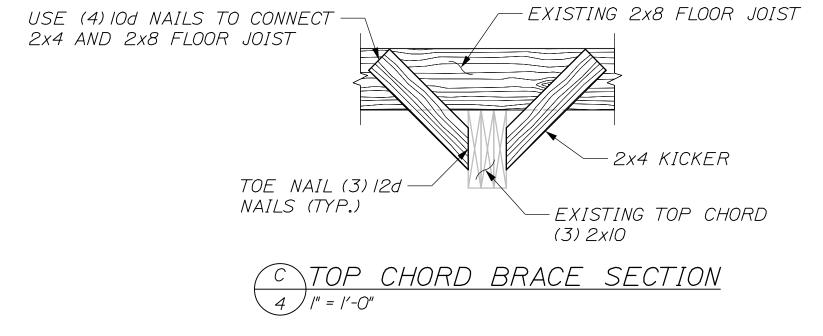
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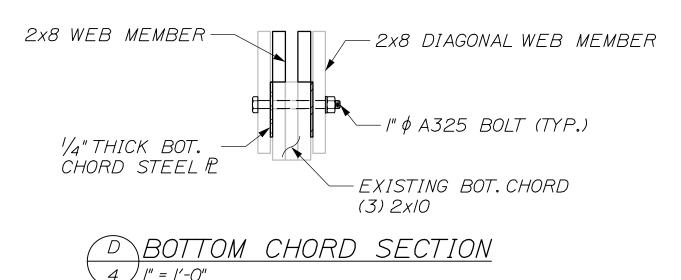
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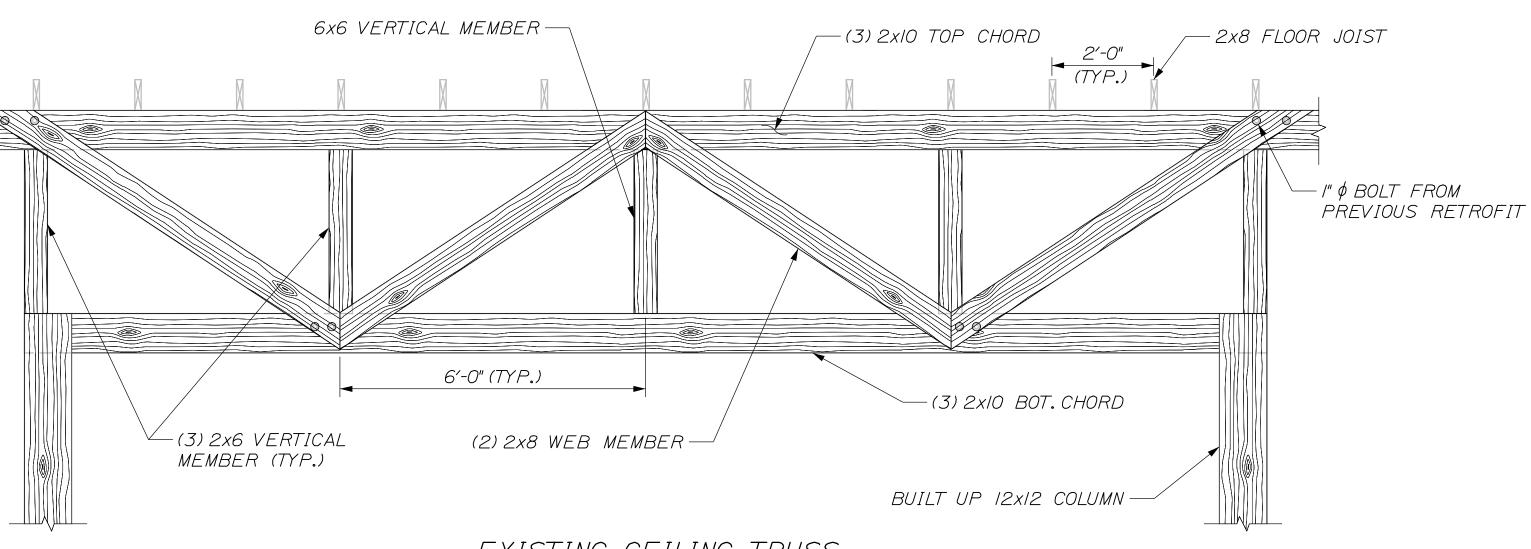






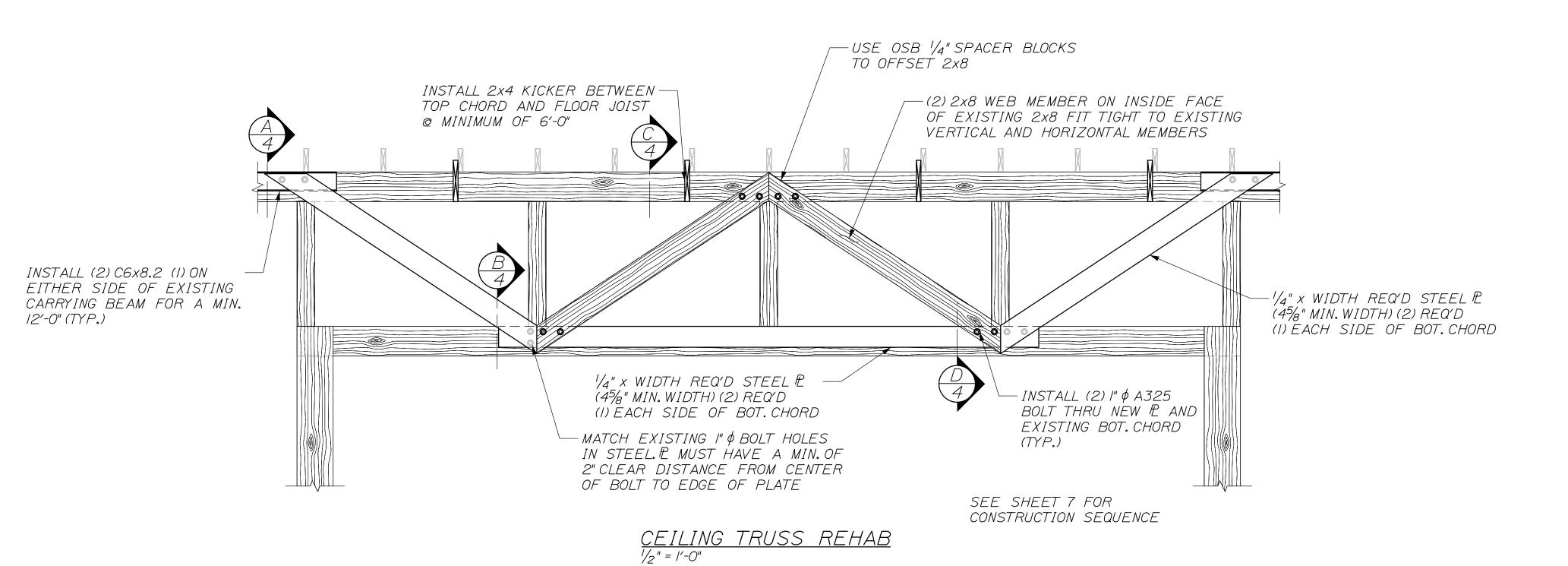


4 / /" = /'-0"



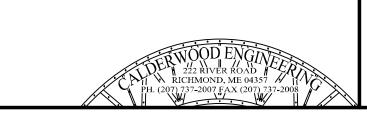
EXISTING CEILING TRUSS 1/2" = 1'-0"

NOTE: EXISTING CEILING TRUSS FOUND IN REAR OF BUILDING



NOTE: (2) 2x8 MAY BE SUBSTITUTED

WITH (I) SOLID SAWN 6x6



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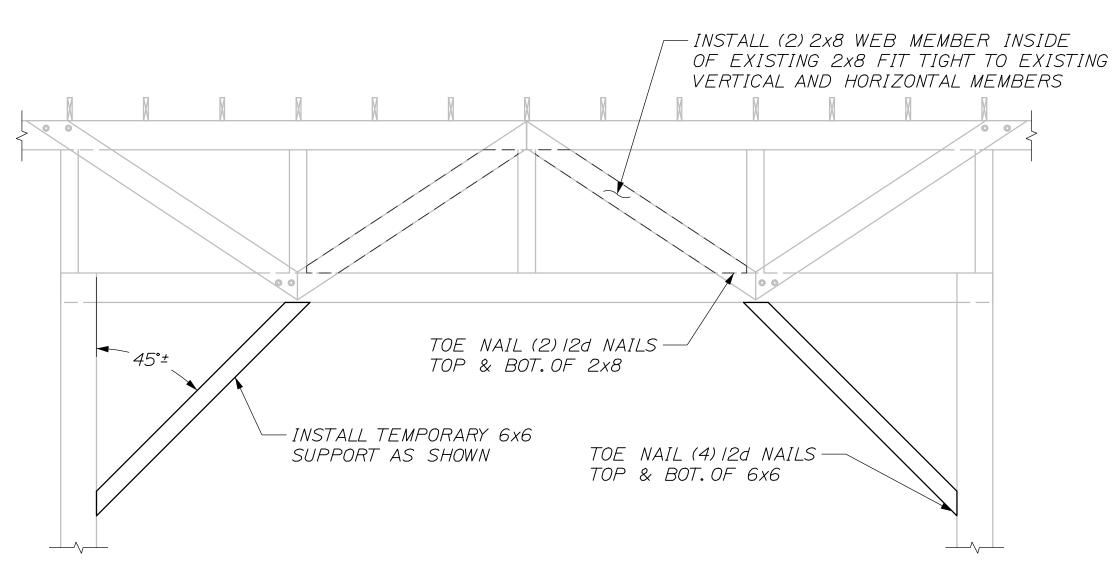
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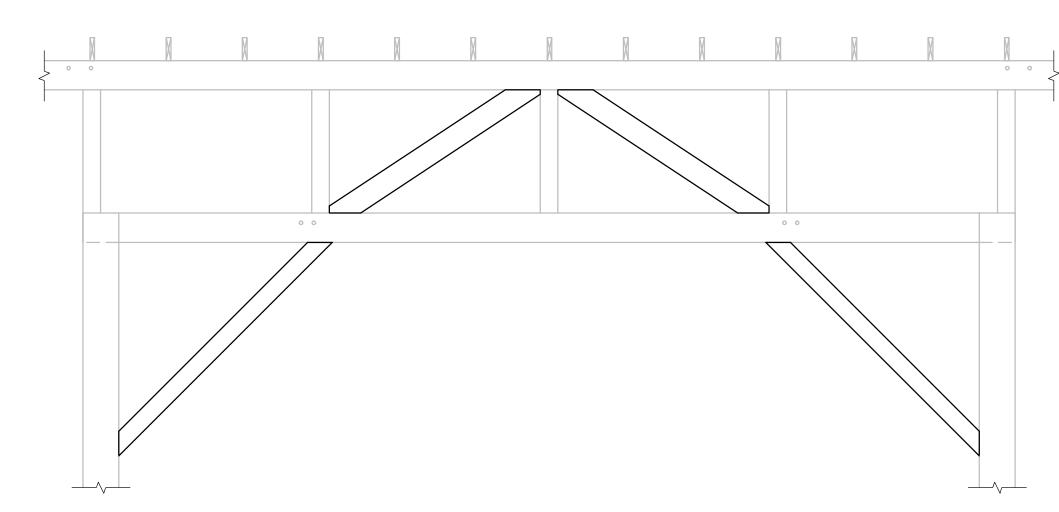
TRUSS

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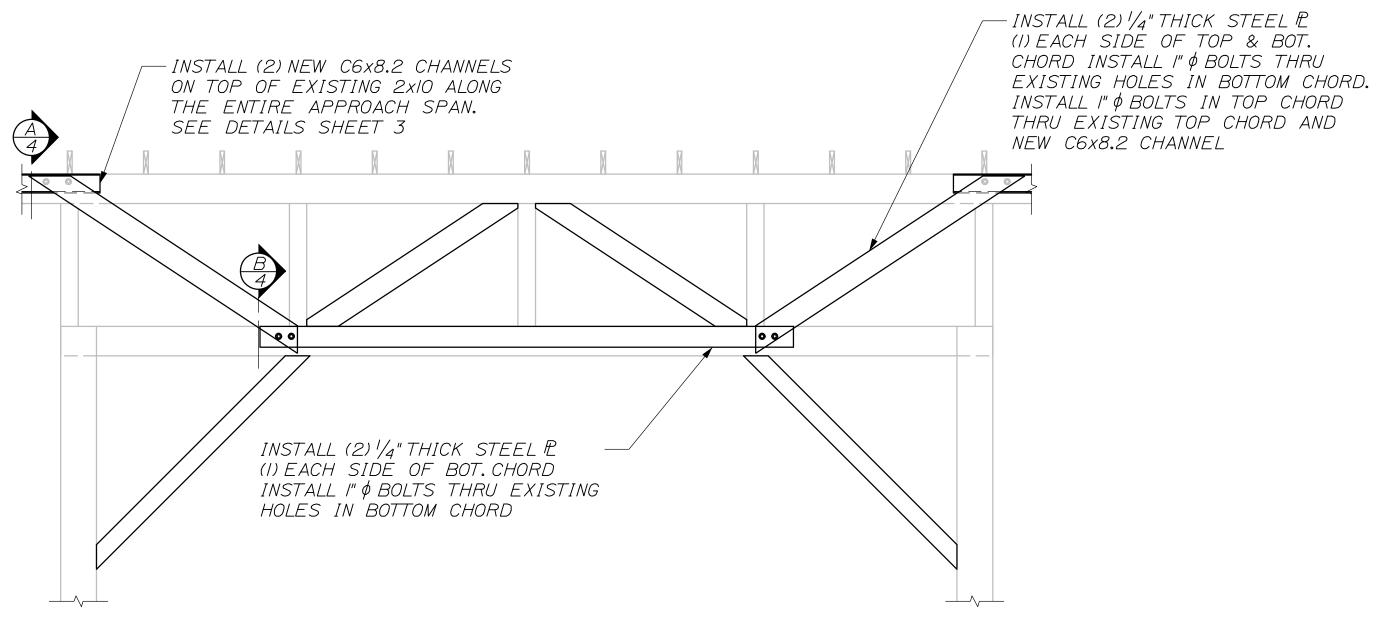


TRUSS REHAB ~ STEP I 3/8" = /'-0"

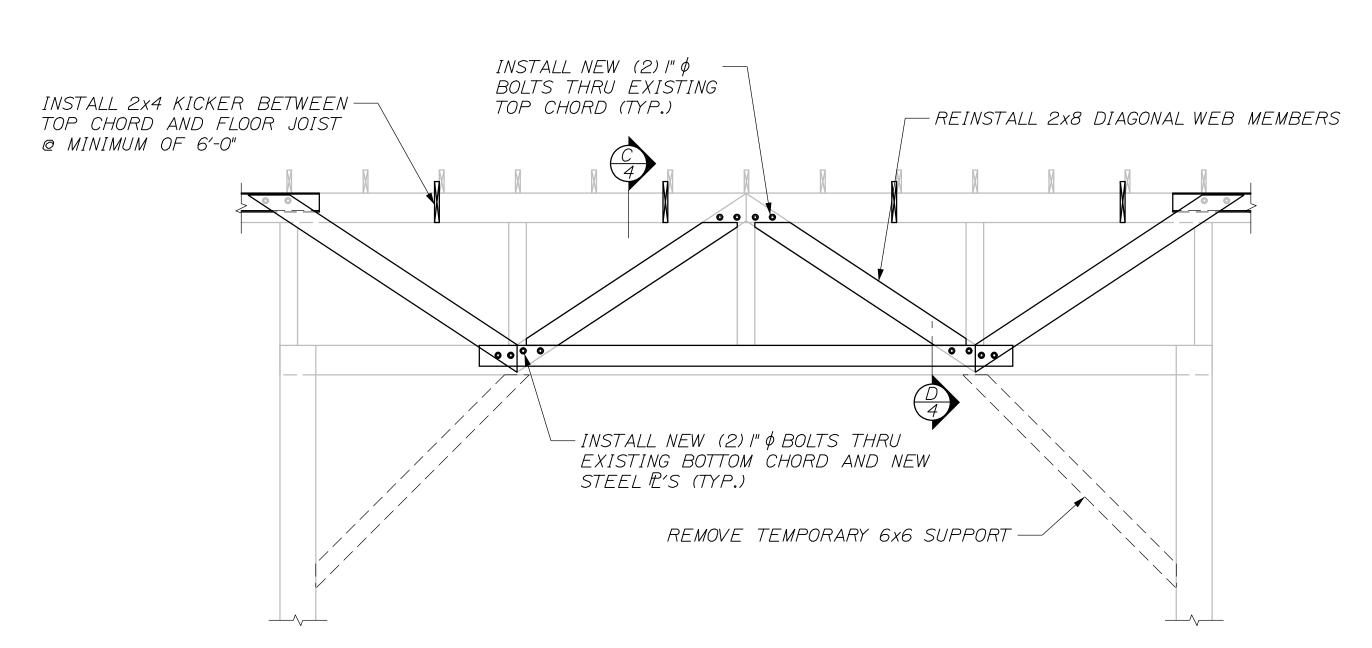
INSTALL TEMPORARY SUPPORTS NOTE:(2)2x8 MAY BE SUBSTITUTED WITH (1)6x6 POST



TRUSS REHAB ~ STEP 2 3/8" = 1'-0" REMOVE DIAGONAL WEB MEMBERS



TRUSS REHAB ~ STEP 3 3/8" = /'-0" INSTALL NEW 1/4" PON BOTTOM
CHORD AND DIAGONAL WEB MEMBERS



TRUSS REHAB ~ STEP 4 3/8" = /'-0" REINSTALL 2x8 WEB MEMBERS & 2x6 LATERAL SUPPORTS FOR TOP CHORD

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