

APPROVED

Limited building only review  
Permit holder responsible for  
full compliance with the code



NOTICE TO CONTRACTOR  
All construction must comply with current NC Building Codes  
and is subject to field inspection and verification.

NOTES:

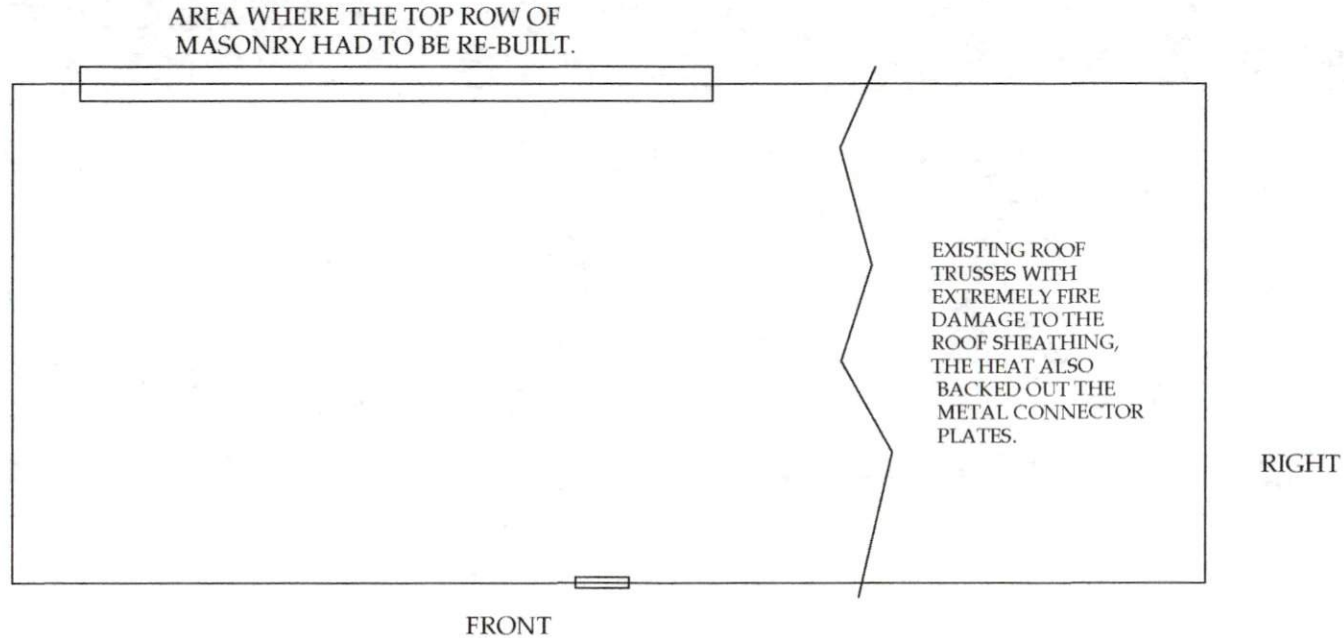
WE ASSUME THAT THE REPAIR TO THE MASONRY TOP ROW WAS FROM THE BURNED ROOF TRUSSES COLLAPSING INTO THE BUILDING AND RIPPING OFF THE TOP MASONRY ROW.

IN SOME LOCATIONS THE ANCHOR BOLTS TO THE MASONRY WALLS ARE NOT SECURING THE DOUBLE TOP PLATE. PER CODE THE ANCHOR BOLTS MUST BE SECURED 15" INTO THE MASONRY BLOCK.

REPAIR NOTES:

ADD WASHERS AND NUTS TO STUDS MISSING.

ROOF SHEATHING IN RIGHT SIDE AREA NEEDS TO BE REPAIRED, THE SHEATHING MAY NOT BE SAFE TO WALK ON.



BUILDING PLAN VIEW



Daniel C. Smith, PE  
Consulting Engineers  
13237 Melvin Arnold Rd  
Raleigh, NC 27613  
919-844-6050

For Construction  
 NOT For Construction



PROJECT NUMBER

DCSPE 7473

SITE ADDRESS

975 NC HWY 24

SANFORD N.C.

DATE

2-14-2020

REVISIONS

-

PAGE TITLE:

BLDG PLAN

SCALE:

0/0" = 1'-0"

PAGE NUMBER

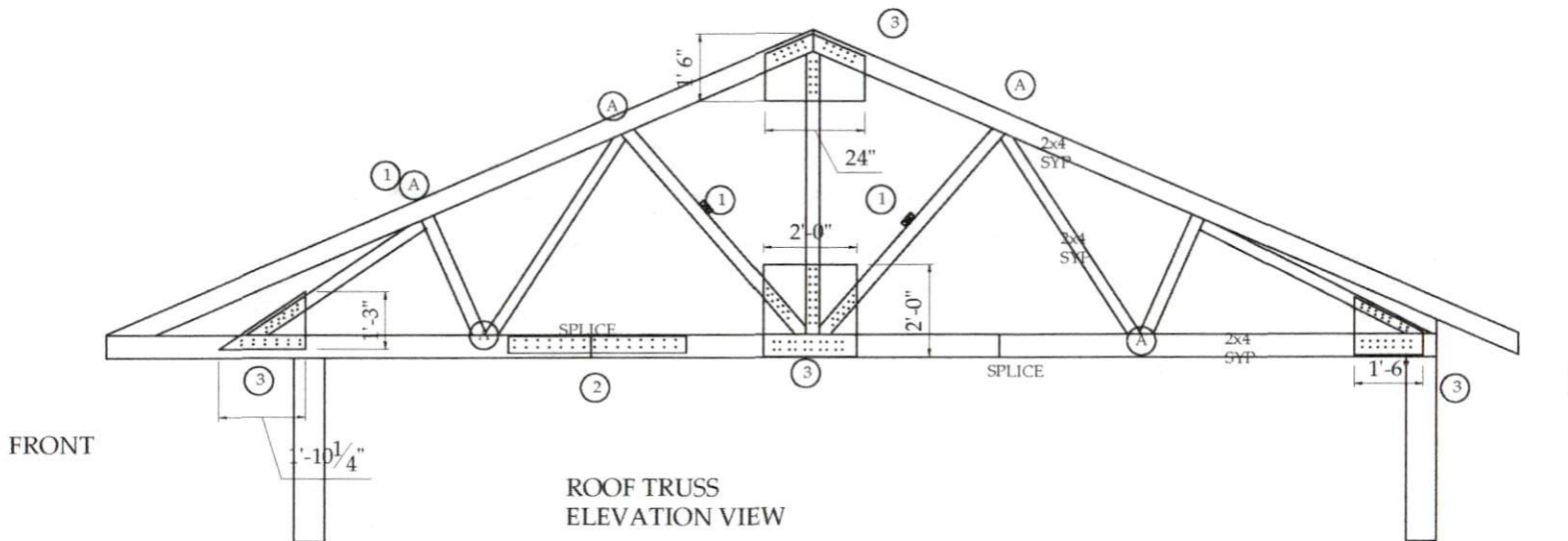
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REPAIR NOTES

1. ADD 2x4 BRACING AT MID-SPAN OF THE LABELED WEBS, SECURE WITH 2 - 10d RING SHANK NAILS AT EACH TRUSS
2. SCAB 2x4 - 4' LONG TO BOTH FACES OF THE SPLICES. SECURE WITH 3" LONG RING SHANK NAILS AS SHOWN, 3" O.C.
3. USING  $\frac{5}{8}$ " THICK OSB CUT PER SHOWN DIMENSIONS. APPLY SCAB TO BOTH FACES NAIL WITH 2" LONG RING SHANK NAIL 2" O.C.

NOTES


- A. METAL CONNECTOR PLATES ARE STRUCTURALLY ADEQUATE AS INSTALLED.





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TRUSS ELEVATION VIEW
SCALE:
0/0' = 1'-0'
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REPAIR NOTES:

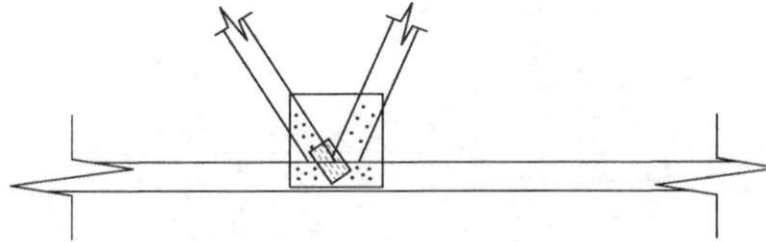
IF A CREDIT CARD CAN BE SLIPPED BEHIND A METAL CONNECTOR PLATE, IT HAS LOST 50% OF IT'S STRENGTH.

DO NOT PUT NAILS THROUGH THE METAL CONNECTOR PLATES (AS SHOWN)

NEED TO USE  $\frac{3}{4}$ " THICK OSB, 12" x 12"

USE 2 $\frac{3}{4}$ " LONG - RING SHANK NAILS. 6 NAILS INTO EACH WEB AND 10 NAILS INTO THE CHORD (TOP OR BOTTOM CHORD).

THIS REPAIR DOES NOT REPLACE THE REPAIRS ON THE OTHER SHEET



LOOSE METAL CONNECTOR PLATE  
ELEVATION VIEW

REPAIR NOTES:

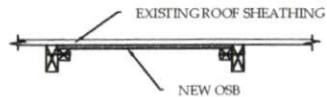
INSTALL  $\frac{3}{4}$ " OSB TO FIT BETWEEN THE ROOF TRUSS TOP CHORDS. PIECES SHOULD BE A MINIMUM OF 24" LONG. HOLD OSB TIGHT TO UNDERSIDE OF CHARRED WOOD SHEATHING. INSTALL 2 x 2 AS SHOWN WITH 2 $\frac{3}{4}$ " LONG RING SHANKED NAILS AT 9" O.C.

CHARRED SHEATHING:

IF THE LOWER LAYER OF THE PLYWOOD/OSB ROOF SHEATHING IS CHARRED AND NOT JUST BLACK SOOT, THIS AREA NEEDS TO BE REPAIRED.

CHARRED - ALLIGATORED SKIN TEXTURE

BLACK SOOT - JUST BLACK DUST AND CAN BE SCRAPED OFF WITH A FINGER NAIL.



CHARRED WOOD ROOF SHEATHING REPAIR DETAIL  
ELEVATION VIEW



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