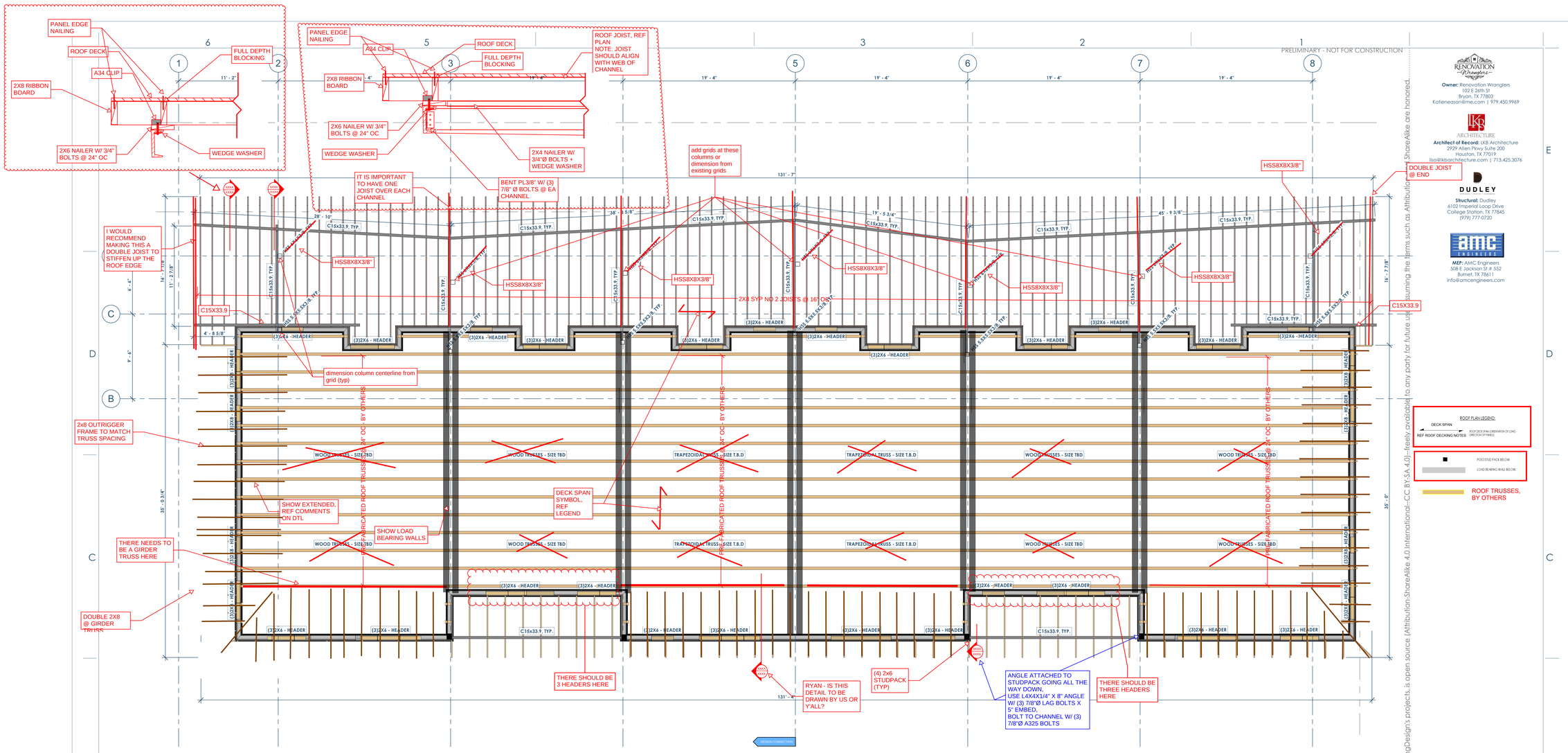


68 S103 FRAMING PLAN - ROOF
1/4" = 1'-0"

## WALL STUD SCHEDULE

16" ALL THE WAY DOWN

| TOP OF WALL | MAX PLATE HT | EXTERIOR WALL | INTERIOR NON-LOAD BEARING | PARTY WALL |
|---|---|---|---|---|
| ROOF | 8'-11 5/8" | 2X6 NO.2 @ 16" OC | 2X4 STUD @ 16" OC | 2X4 STUD @ 16" OC |
| 3RD | 10'-8" | 2X6 NO.2 @ 16" OC | 2X4 STUD @ 16" OC | 2X4 STUD @ 12" OC |
| 2ND | 10-9 5/8" | 2X6 NO.2 @ 16" OC | 2X4 STUD @ 16" OC | 2X4 STUD @ 8" OC |
| NOTES | | | | SCH. SPACING 2X6 TOP AND BOTTOM PLATE |

ADD SCHEDULE TO EACH FRAMING PLAN

## ROOF FRAMING NOTES:

**METAL PLATE CONNECTED ROOF TRUSS FRAMING:**

1. METAL PLATE CONNECTED WOOD TRUSSES SHALL BE SPACED @ 24" OC UNLESS NOTED OTHERWISE. LOADING CRITERIA SHALL BE AS FOLLOWS:
   A. TOP CHORD LIVE LOAD (TCLL):..... 20 PSF
   B. TOP CHORD DEAD LOAD (TCDL):..... 10 PSF - ASPHALT SHINGLES (NOT INCLUDING SELF-WEIGHT)
   C. BOTTOM CHORD LIVE LOAD (BCLL):..... 10 PSF (NON-CONCURRENT WITH TCLL & WIND UPLIFT)
   D. BOTTOM CHORD DEAD LOAD (BCDL):..... 5 PSF
   E. TOP CHORD WIND LOAD:..... REF COMPONENTS AND CLADDING SCHEDULE
   F. TOP CHORD DEAD LOAD FOR WIND UPLIFT:.. 5 PSF (NOT INCLUDING SELF-WEIGHT)
2. TRUSS DEFLECTION LIMITS: TRUSSES SHALL BE LIMITED TO THE FOLLOWING DEFLETION LIMITS:
   A. PITCHED ROOF TRUSS : LIVE LOAD (L/240) TOTAL LOAD (L/180)
   B. SHALLOW ( < = 4 : 12) PITCHED ROOF TRUSSES : LIVE LOAD (L/360) TOTAL LOAD (L/240)
3. CAMBER SHALL BE BUILT INTO ROOF TRUSSES TO COMPENSATE FOR VERTICAL DEFLECTION. THE CAMBER SHALL BE LARGEST AT THE MID-SPAN OF THE TRUSS.
   A. PITCHED ROOF TRUSS: 1.00 X DEFLECTION FROM ACTUAL DEAD LOAD.
4. DRAG TRUSSES SHALL BE PROVIDED DIRECTLY OVER INTERIOR SHEAR WALLS AND SHALL BE DESIGNED FOR A TOTAL FORCE EQUAL TO THE LENGTH OF THE SHEAR WALL MULTIPLED BY THE ALLOWABLE SHEAR VALUE PROVIDED IN THE SHEAR WALL SCHEDULE FOR THAT SHEAR WALL TYPE.
5. TRUSS RESTRAINT/BRACING METHODS SHALL BE IN ACCORDANCE WITH BCSI-B3 UNLESS NOTED OTHERWISE.

**GENERAL ROOF FRAMING NOTES:**

1. ROOF FRAMING MAY ONLY BEAR UPON THE TOP PLATE OF LOAD BEARING WALLS OR BEAMS.

ADD THESE NOTES TO ROOF FRAMING PLAN

## ROOF DECKING NOTES:

1. ROOF DECKING SHALL BE 3/4" APA RATED SHEATHING (SPAN RATING = 48/24).
2. PANELS SHALL SPAN 3 MORE RAFTERS IN THE LONG DIMENSION.
3. PANEL CLIPS:
   A. SINGLE-PLY OR MODIFIED BITUMEN ROOFING SYSTEMS:
      a. LOW SLOPE ROOF (LESS THAN OR EQUAL TO 2:12)
         - DECKING SHALL HAVE PANEL EDGE CLIPS (H-CLIPS) LOCATED MIDWAY BETWEEN EACH SUPPORT.
      b. SLOPE GREATER THAN 2:12
         - DECKING SHALL HAVE PANEL EDGE CLIPS (H-CLIPS) LOCATED MIDWAY BETWEEN EACH SUPPORT FOR ANY SPAN GREATER THAN 19'-2" OC.
   B. ANY OTHER TYPE OF ROOFING SYSTEM
      a. DECKING SHALL HAVE PANEL EDGE CLIPS (H-CLIPS) LOCATED MIDWAY BETWEEN EACH SUPPORT.

## ROOF DECKING FASTENING:

| ZONE | PANEL EDGE / BOUNDARY | FIELD |
|---|---|---|
| ZONE 1 | @ 6" OC MAX | @ 12" OC MAX |
| ZONE 2 | @ 6" OC MAX | @ 6" OC MAX |
| ZONE 3 | @ 4" OC MAX | @ 6" OC MAX |
| ZONE 3 OVERHANG | @ 3" OC MAX | @ 6" OC MAX |

NOTES:
1. ALL NAILS SHALL BE 0.131" DIA. X 2½" RING SHANK NAILS.
2. REFERENCE THE COMPONENTS AND CLADDING WIND PRESSURE MAP ON THE GENERAL NOTES FOR ZONE LOCATIONS.
3. EDGE SPACING ALSO APPLIES OVER THE TOP OF SHEARWALLS.

ROOF PLAN LEGEND:
DECK SPAN — REF ROOF DECKING NOTES — ROOF DECK SPAN ORIENTATION OF LONG DIRECTION OF PANELS
POST/STUD PACK BELOW
LOAD BEARING WALL BELOW
ROOF TRUSSES, BY OTHERS

FRAMING PLAN - ROOF
MARCO POLO - 101 W 33RD STREET - BRYAN, TX 77803

S103

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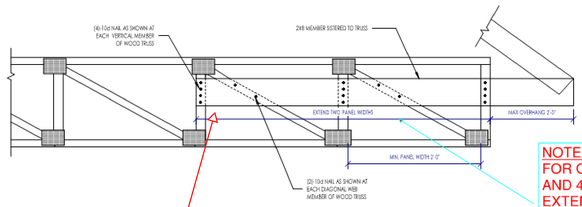
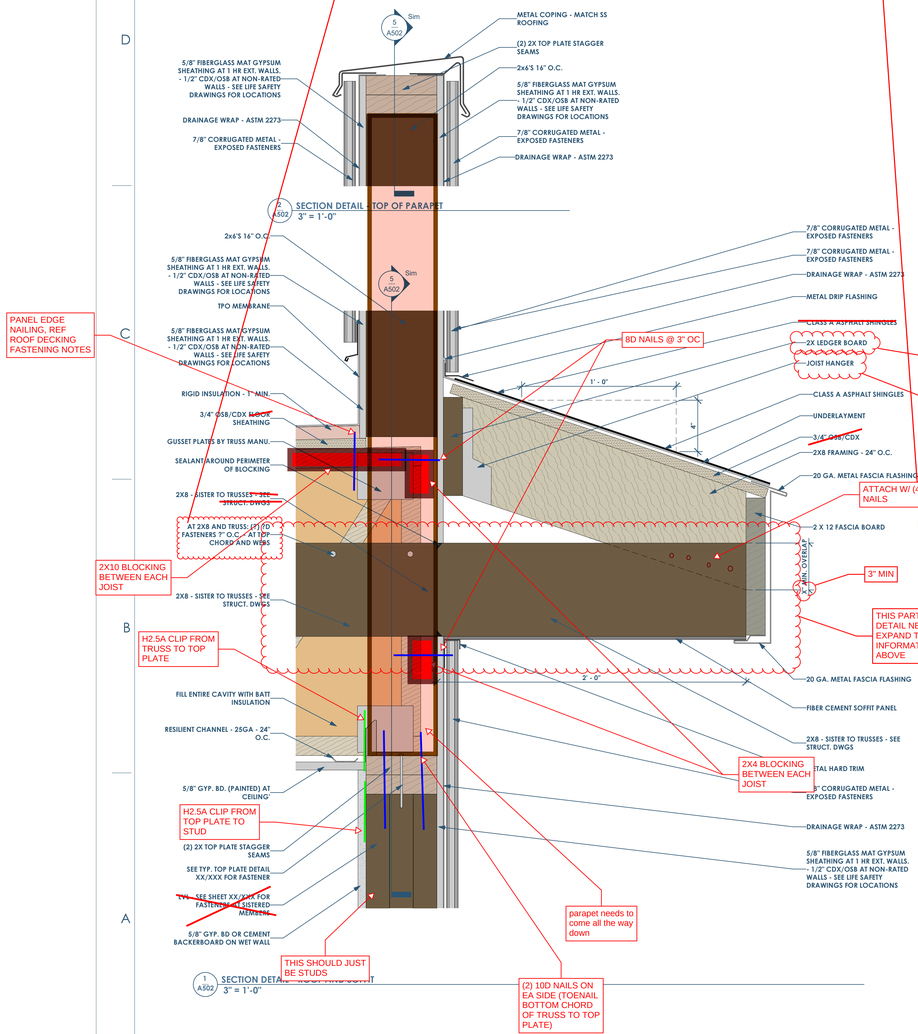
| Date | Description |
|---|---|
| 04.16.2022 | Progress Set |

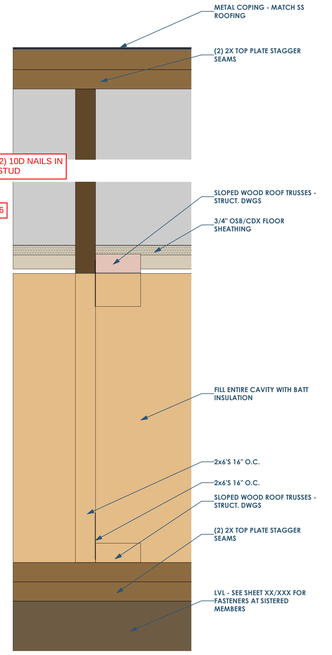



2X8 MEMBER SISTERED TO WOOD ROOF TRUSS

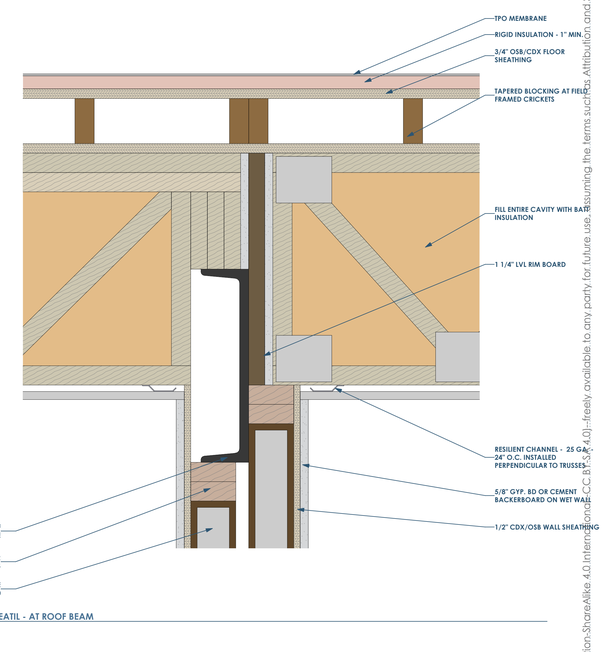
NOTE:
FOR OVERHANG LENGTH BETWEEN 2'-0" AND 4'-0",
EXTEND THE 2X8 MEMBER TO THREE PANEL WIDTHS IN THE ROOF TRUSS AND FOLLOW SIMILAR NAILING PATTERN.



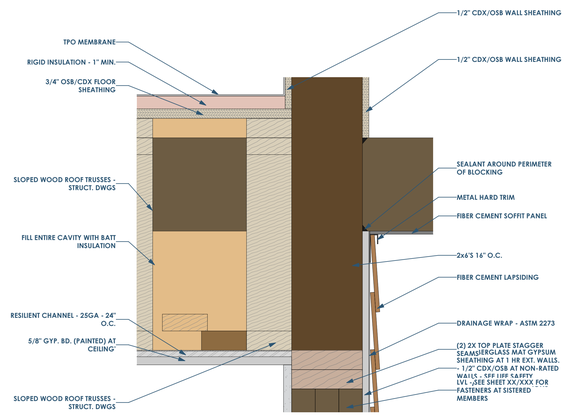

1 A502 SECTION DETAIL - TOP OF PARAPET AND SOFFIT
3" = 1'-0"




5 A502 004 - DETAILS (3" = 1'-0") - Dependent 1
3" = 1'-0"




4 A502 SECTION DEATIL - AT ROOF BEAM
3" = 1'-0"




3 A502 SECTION DETAIL - AT SOFFIT AND ALCOVE
3" = 1'-0"

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LARGE SCALE DETAILS

**NAME OF PROJECT** - **ADDRESS OF PROJECT**

A502