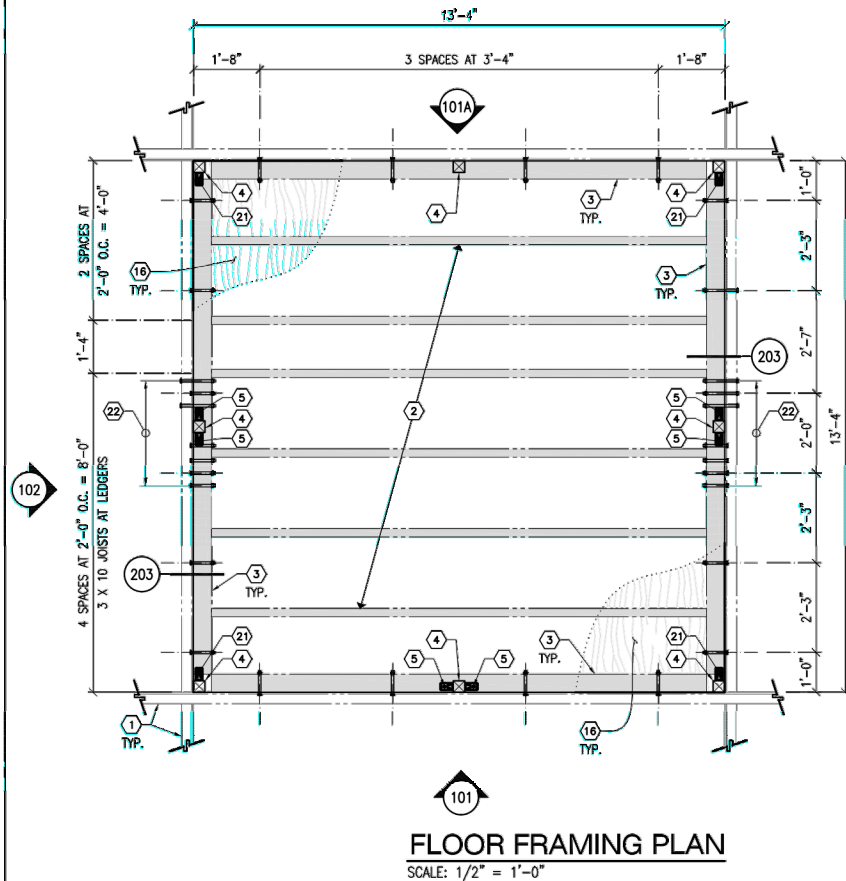
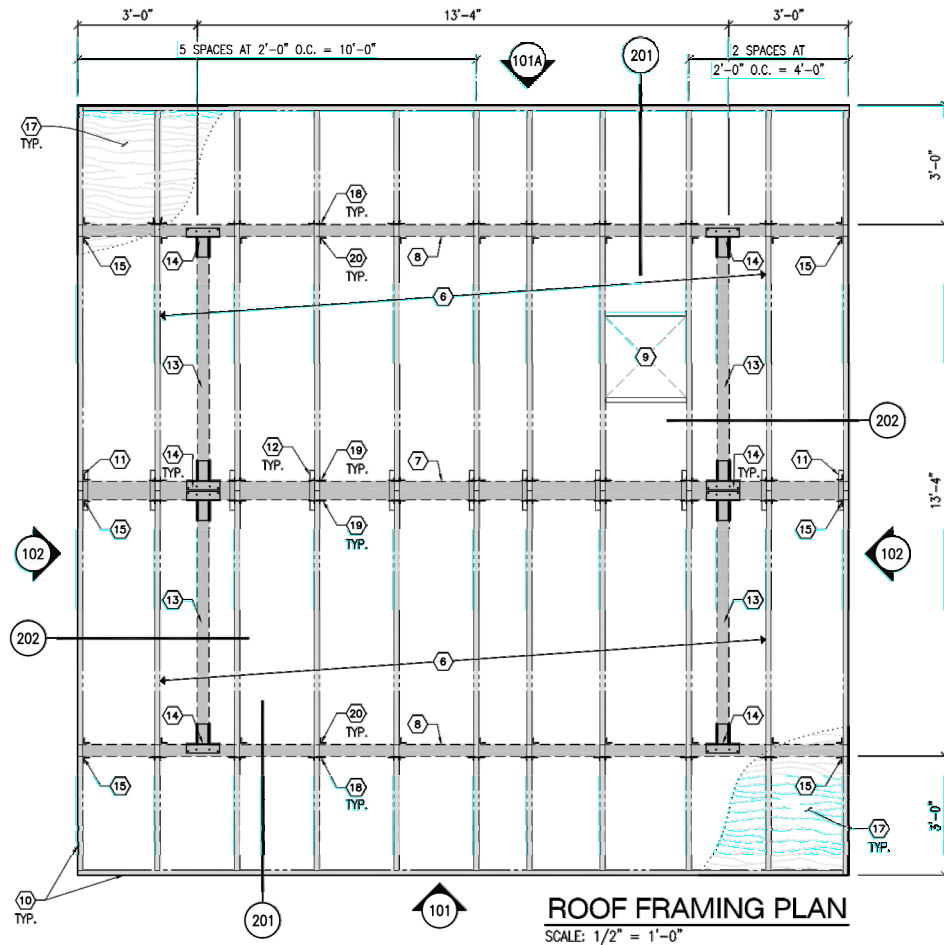




FLOOR FRAMING PLAN
SCALE: 1/2" = 1'-0"

PLAN KEYNOTES:

- EXISTING STEEL TOWER ANGLE 5 X 3 1/2 X 1/8".
- 3 X 10 FLOOR JOISTS.
- 6 X 10 LEDGERS, FASTEN TO EXISTING STEEL ANGLE WITH 3/4" MACHINE BOLTS WITH PLATE WASHERS 1/4" X 3" SQUARE.
- 4 X 4 WOOD POST.
- 2 - SIMPSON HDU4 HOLD DOWNS AT 4 X 4 POST WITH 10 - SDS 1/4" X 2 1/2" SCREWS TO POST AND 5/8" BOLT VERTICALLY THROUGH LEDGER WITH PLATE WASHER 1/4" X 3" SQUARE AT EACH HOLD DOWN.
- 2 X 8 X 9'-6 1/2" ROOF JOISTS (18 TOTAL).
- 6 X 12 X 19'-4" LONG ROOF BEAM.
- 4 X 12 X 19'-4" LONG ROOF BEAMS (TWO TOTAL).
- 2' X 2' ROOF ACCESS OPENING.
- 2 X 10 FASCIA.
- 2 X 8 SPLICE PLATE FOR FASCIA.
- 2 X 4 SPLICE PLATE FOR JOISTS.
- 4 X 12 ROOF LINTELS (FOUR TOTAL).
- USE SIMPSON GLT4X12 HANGER AT EACH LINTEL TO BEAM CONNECTION.
- USE 2 - SIMPSON H2.5A AT EACH FASCIA TO BEAM CONNECTION.
- 5/8" PLYWOOD SHEATHING (BLOCKED) GLUED AND NAILED - TYPICAL AT FLOOR. FOR LAYUP AND ATTACHMENT, SEE GENERAL STRUCTURAL NOTES.
- 5/8" PLYWOOD SHEATHING - TYPICAL AT ROOFS. FOR LAYUP AND ATTACHMENT, SEE GENERAL STRUCTURAL NOTES.
- SIMPSON H10A EACH ROOF JOIST TO OUTSIDE FACE OF 4 X 12 (9 - 10d X 1 1/2" TO JOIST AND 9 - 10d X 1 1/2" TO BEAM).
- SIMPSON H10A EACH ROOF JOIST TO EACH FACE OF 6 X 12 (9 - 10d X 1 1/2" TO JOIST AND 9 - 10d X 1 1/2" TO BEAM).
- SIMPSON H2.5A EACH JOIST TO INSIDE FACE OF 4 X 12 (IN ADDITION TO H10A ON OUTSIDE FACE).
- 1 - SIMPSON HDU5 HOLD DOWN AT 4 X 4 POST WITH 14 - SDS 1/4" X 2.5" SCREWS TO POST AND 5/8" BOLT VERTICALLY THROUGH LEDGER WITH PLATE WASHER 1/4" X 3" SQUARE.
- INSTALL 5 ADDITION 3/4" LEDGER BOLTS IN LEDGER BELOW WOOD POST SUPPORTING 6X BEAM, BOLTS SHALL NOT BE SPACED CLOSER THAN 3 3/4" O.C. - NEW HOLES IN STEEL ANGLE ARE REQUIRED.



ROOF FRAMING PLAN
SCALE: 1/2" = 1'-0"



United States Department of Agriculture
Forest Service

(R3)
REGION NAME

PROJECT NAME

ELDEN FIRE LOOKOUT
REROOF

COCONINO NATIONAL
FOREST

FLAGSTAFF RANGER
DISTRICT

DRAWING TITLE

ELEVATIONS

DATE

XX/XX/XXXX

ARCHIVE NO.

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DESIGNER

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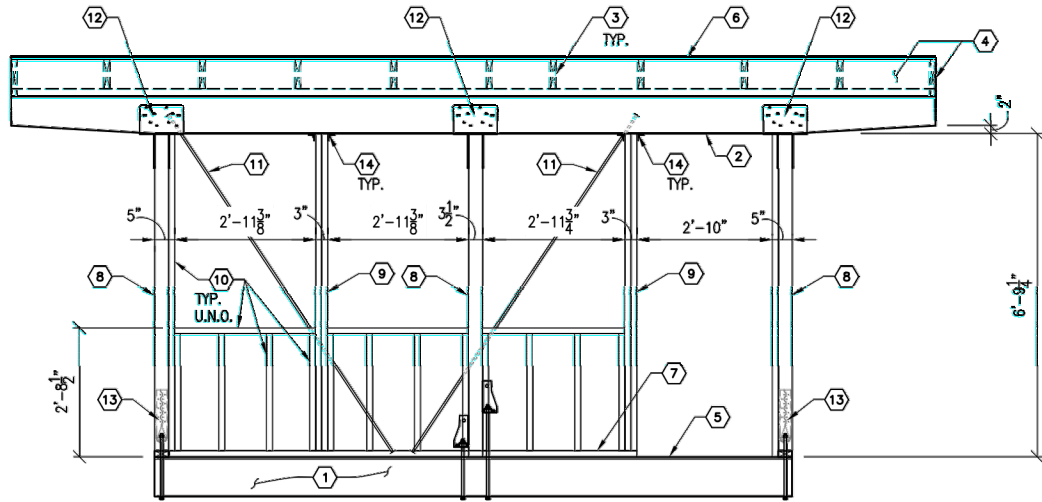
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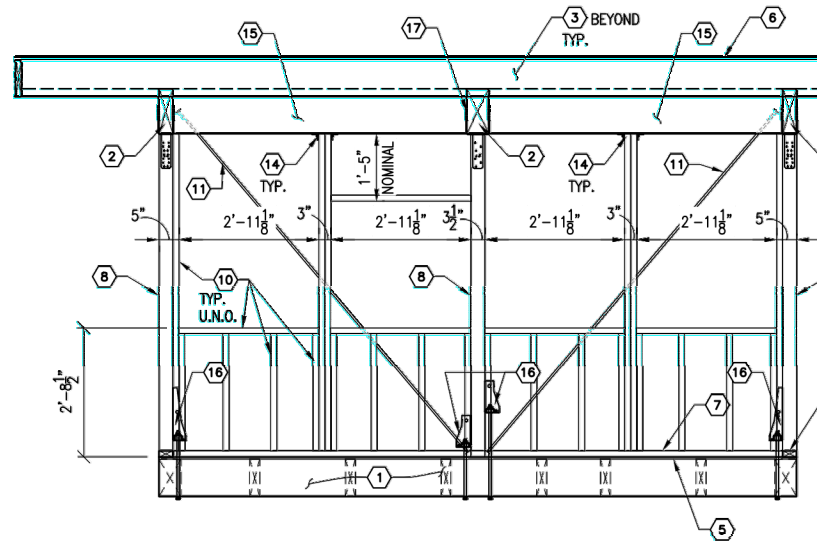
SHEET 002 OF 2

DETAIL 101 & 102 KEYNOTES:

- 1 FLOOR JOISTS AND LEDGER.
- 2 ROOF BEAM.
- 3 ROOF JOISTS.
- 4 2X FASCIA
- 5 PLYWOOD FLOOR SHEATHING.
- 6 PLYWOOD ROOF SHEATHING.
- 7 2 X 4 BOTTOM PLATE WITH SIMPSON $\frac{1}{4}$ " X 5" WOOD SCREWS AT 8" O.C..
- 8 4 X 4 WOOD POST.
- 9 2 - 2 X 4 WOOD POST.
- 10 2 X 4 WOOD.
- 11 $\frac{1}{2}$ " ROD BRACING ON INSIDE - SEE DETAIL 204 FOR CONNECTIONS.
- 12 SIMPSON CCQ44SDS2.5 COLUMN CAP WITH 14 - SDS $\frac{1}{4}$ " X 2.5" TO POST AND 16 - SDS $\frac{1}{4}$ " X 2.5" TO 4X BEAM. POST TO 4X BEAM CONNECTION.
- 13 HOLD DOWN ON OPPOSITE SIDE OF POST.
- 14 USE 2 - SIMPSON A34 AT EACH MULLION TO LINTEL AND BEAM CONNECTION.
- 15 ROOF LINTEL.
- 16 HOLD DOWNS - SEE FLOOR PLAN. STAGGER HOLD DOWN WHERE THEY ARE ATTACHED TO THE SAME POST AS SHOWN.
- 17 SIMPSON CCQ64SDS2.5 COLUMN CAP WITH 14 - SDS $\frac{1}{4}$ " X 2.5" TO POST AND 16 - SDS $\frac{1}{4}$ " X 2.5" TO 6X BEAM.



101 ROUGH FRAMING - FRONT



102 ROUGH FRAMING - SIDES



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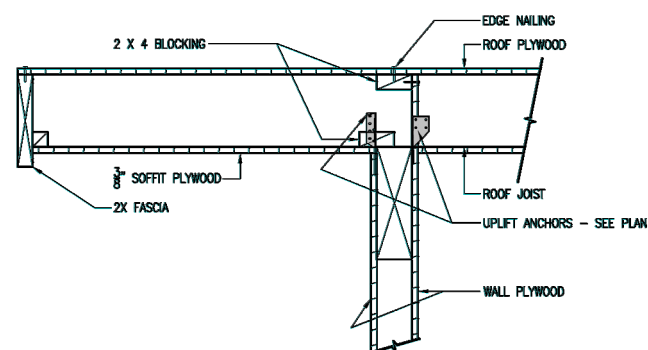
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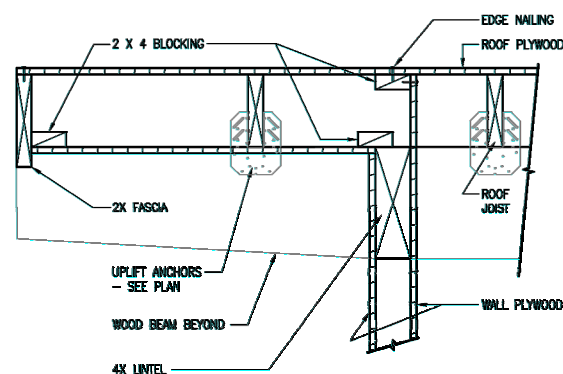
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SHEET 1 OF 2



201 ROOF JOIST AT BEAM



202 ROOF PLYWOOD AT ROOF JOIST

- 1 REMOVE AND PROPERLY DISPOSE OF THE EXISTING ROOF MEMBRANE.
2. NEW TPO ROOF SHALL BE FULLY ADHERED AND MECHANICALLY ATTACHED PER SPECIFICATION.