SLOPED CEILING, PLYWOOD WEB ROOF-FRAME

2'-0" ON CENTER, 21'-0" TO 32'-8" SPANS
3/12 ROOF SLOPE; 1:5/12 CEILING SLOPE

DESIGN DATA

40 psf
Spans of 25'-0" to 28'-8"
Recommended Design Load

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40 psf
Spans of 29'-0" to 32'-8"
Recommended Design Load

Ceiling

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Web-plate Pattern — 1/8" Plywood

Dimensions: 18" wide x 18" long or greater in the framing blocking. Make sure the grain of the plywood runs parallel to the bottom chord.

Test load at failure: 176 psf

Maximum allowable deflection

(1/360 span)
0.96"

Quarter points: 0.56"
Middle span: 0.25"

2" x 4" BOTTOM CHORD
LARGE HEEL WEB-PLATE ON FRONT

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