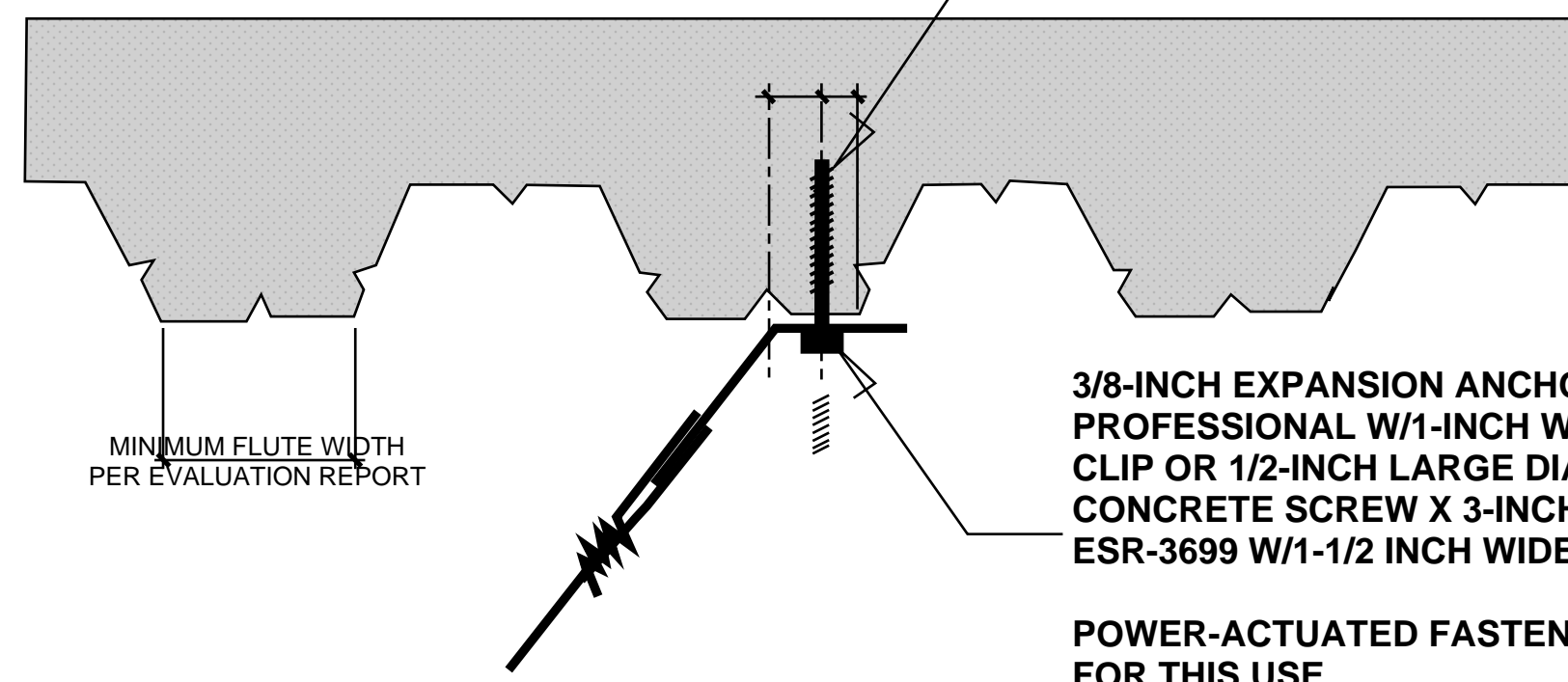


NORMAL-WEIGHT OR SAND-LIGHTWEIGHT CONCRETE FILLED STEEL DECK WITH MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH OF 3,000 PSI

COMPLY WITH MINIMUM / MAXIMUM DIMENSION REQUIREMENTS OF THE EVALUATION REPORT FOR THE FASTENER

SEE EVALUATION REPORT FOR MAXIMUM DECK HEIGHT, MINIMUM CONCRETE FILL OVER DECK AND MINIMUM DISTANCE OF HOLE FROM CONCRETE SURFACE



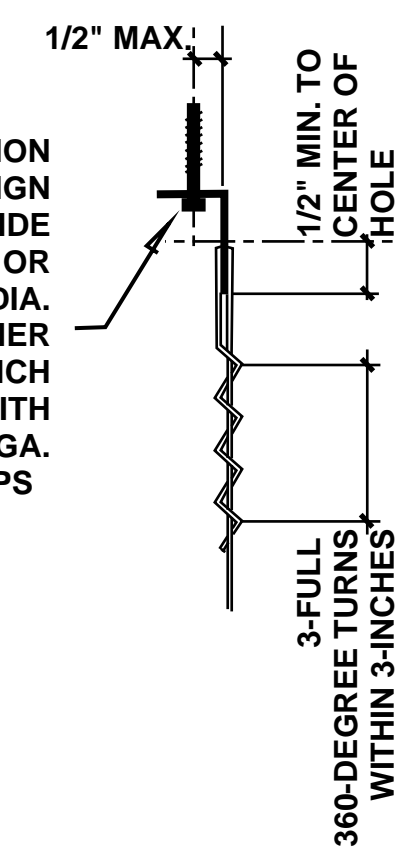
BRACE WIRE CONNECTION TO STEEL DECK FILLED WITH CONCRETE (CONCRETE DECK SIMILAR)

9

NORMAL-WEIGHT OR SAND-LIGHTWEIGHT CONCRETE FILLED STEEL DECK WITH MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH OF 3,000 PSI. SEE EVALUATION REPORT FOR LIMITATIONS.

COMPLY WITH MINIMUM / MAXIMUM DIMENSION REQUIREMENTS OF THE EVALUATION REPORT FOR THE FASTENER

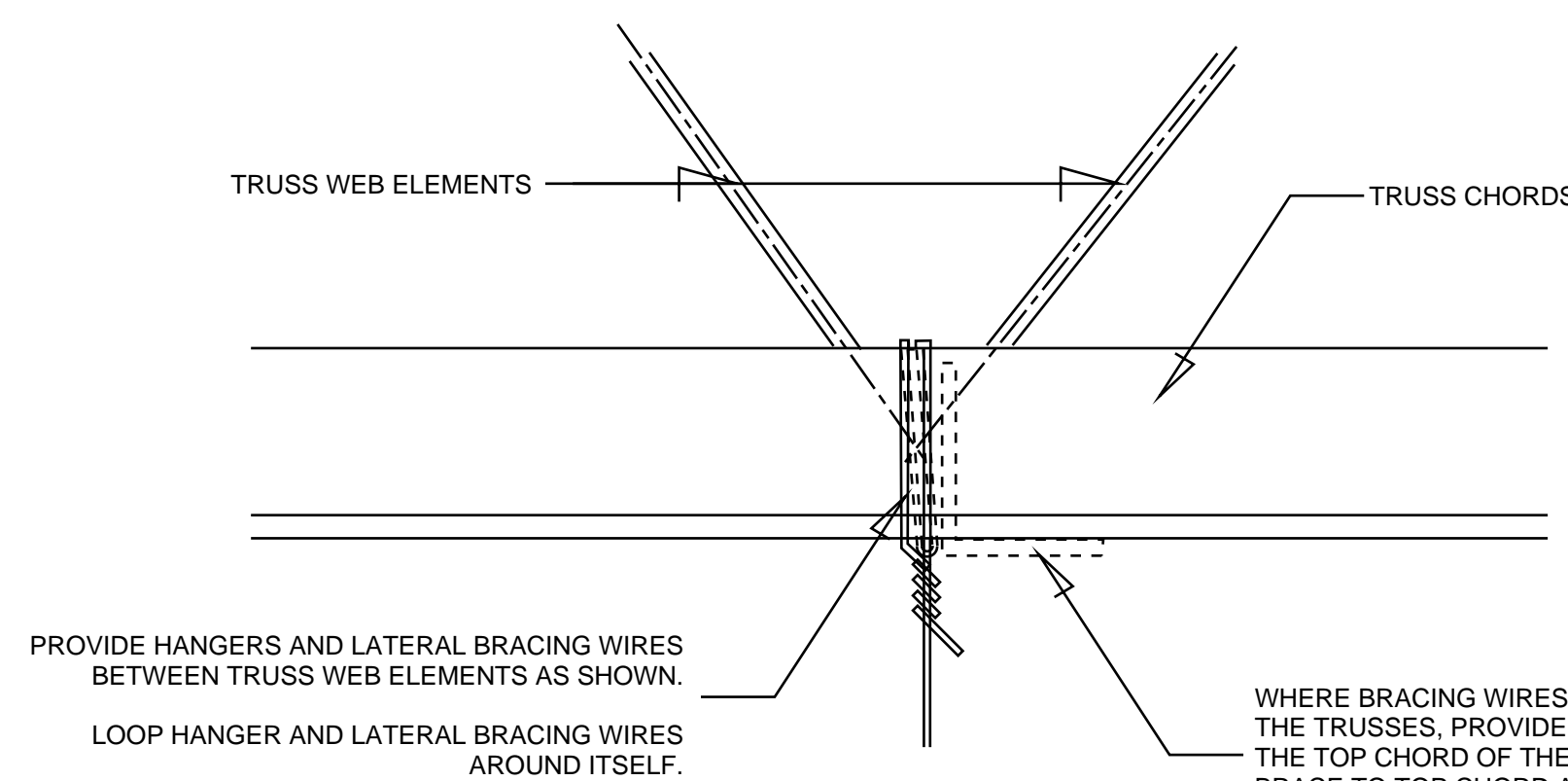
3/8-INCH DIA. EXPANSION ANCHOR PER DESIGN PROFESSIONAL W/ 1-IN. WIDE X 12 GA. CEILING CLIP OR MIN. 0.145-IN. DIA. POWER-ACTUATED FASTENER WITH MINIMUM 1-1/4 INCH EMBEDMENT AND WITH 3/4-INCH WIDE X 12 GA. CEILING CLIPS



SEE EVALUATION REPORT FOR MAXIMUM DECK HEIGHT, MINIMUM CONCRETE FILL OVER DECK AND MINIMUM DISTANCE OF HOLE FROM CONCRETE SURFACE

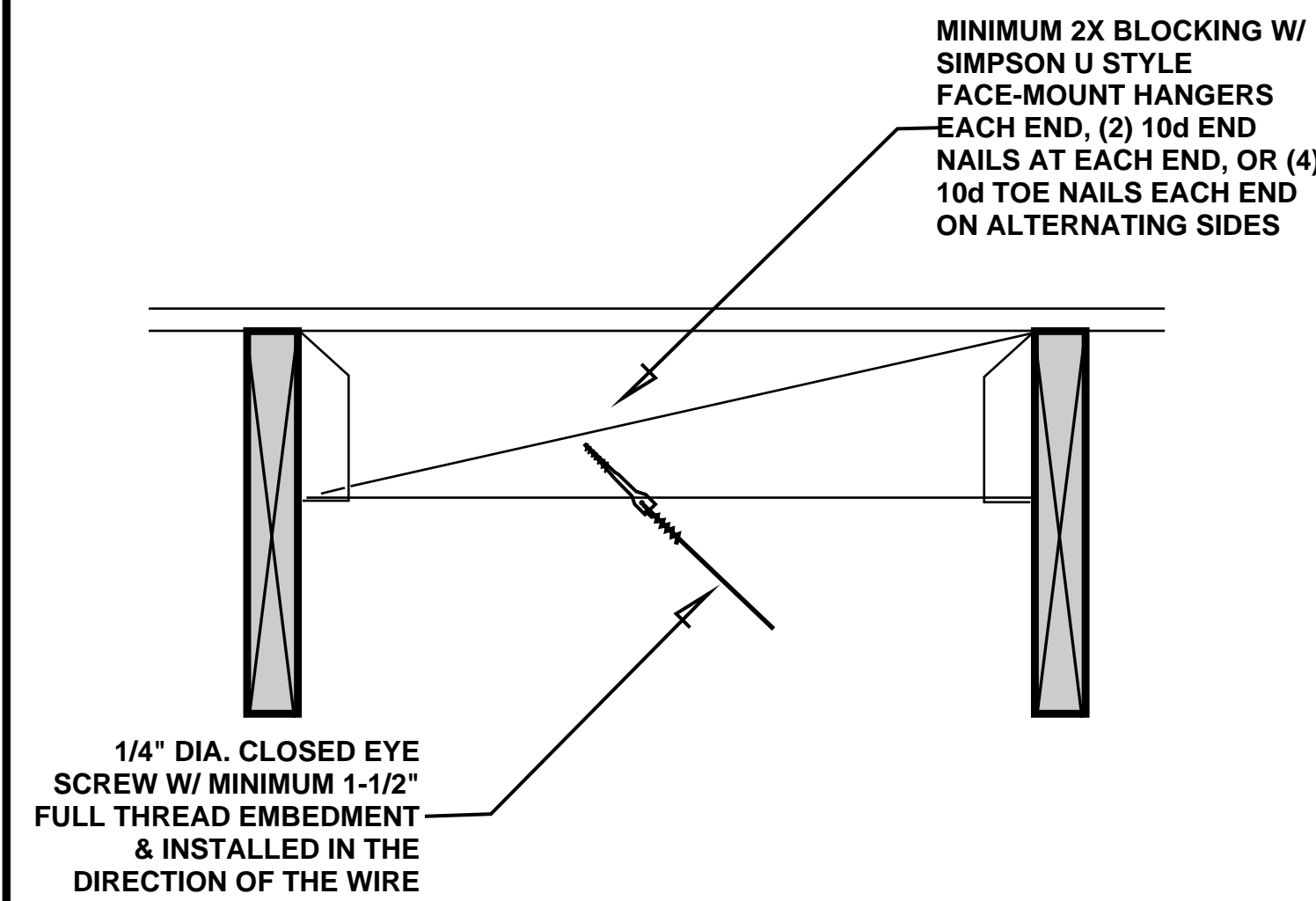
HANGER WIRE CONNECTION TO STEEL DECK FILLED WITH CONCRETE (CONCRETE DECK SIMILAR)

8



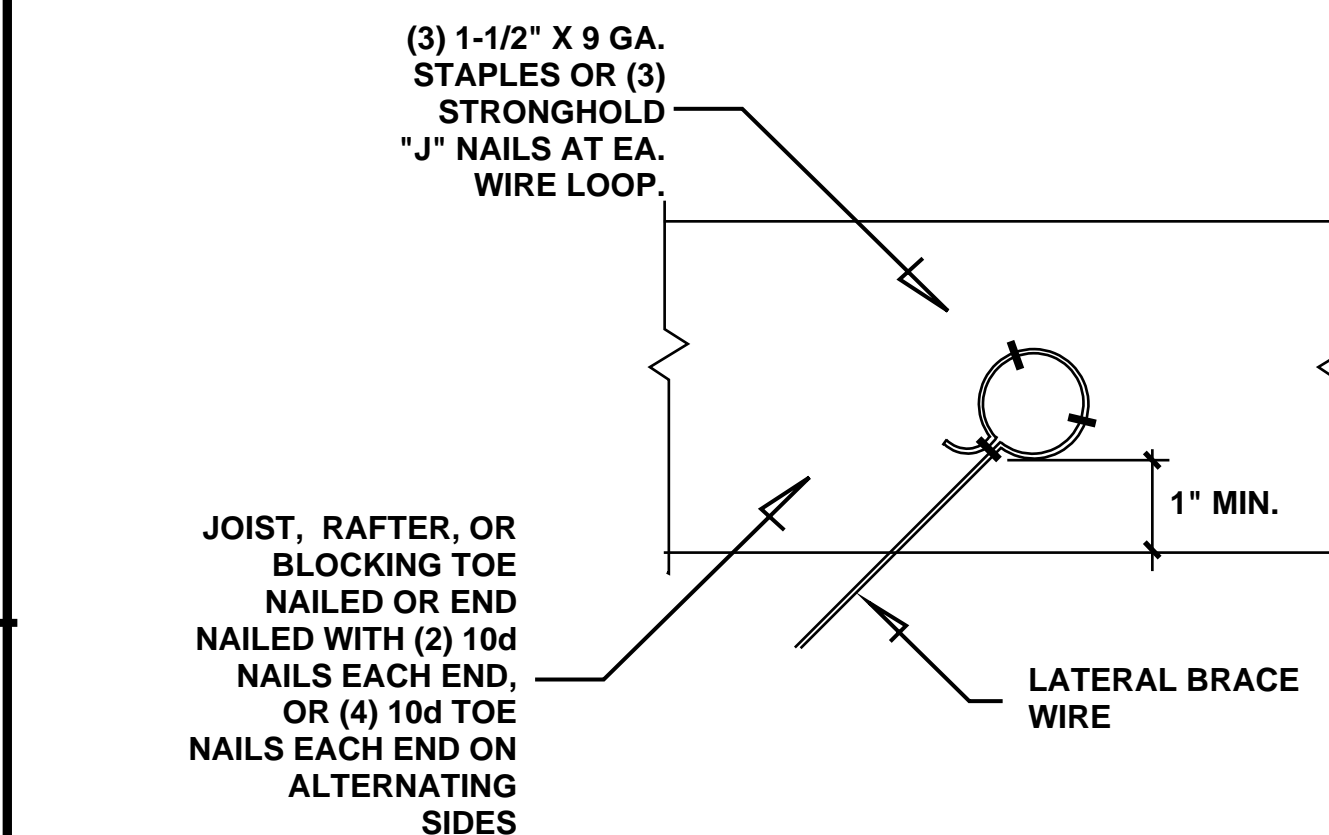
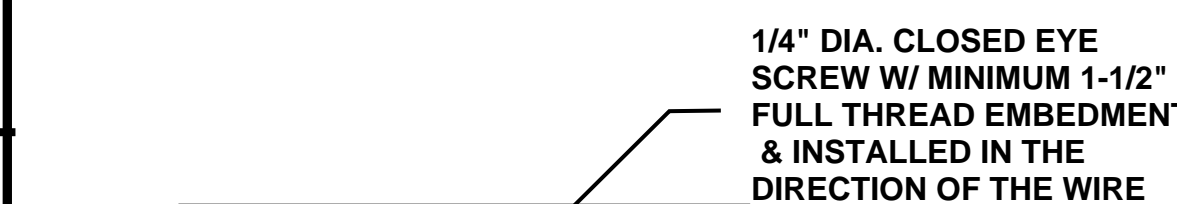
HANGER AND BRACING WIRE CONNECTION TO OPEN WEB TRUSS

7



LATERAL BRACING WIRES

4



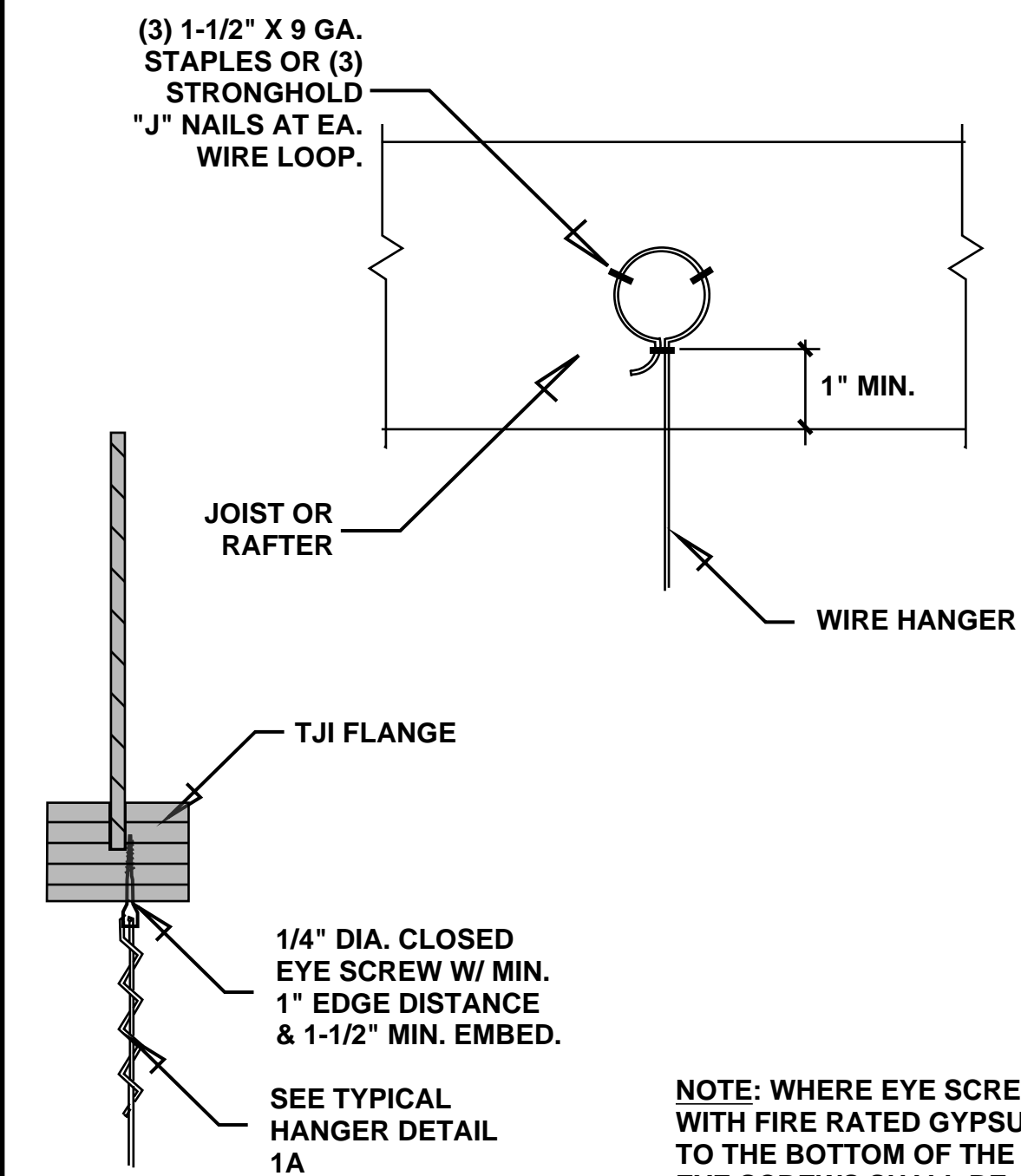
LATERAL BRACING WIRES FOR SUSPENDED ACOUSTICAL AND LAY-IN PANEL CEILING SYSTEMS THAT WEIGH UP TO 4 PSF SHALL BE MINIMUM NO. 12 GAUGE, SOFT-ANNEALED, MILD-GALVANIZED STEEL WIRES COMPLYING WITH ASTM A641.

EXCEPT AS SHOWN WITH STAPLES ABOVE, THE ENDS OF THE WIRES SHALL BE TERMINATED WITH A LOOP WITH ENDS WRAPPING AROUND ITSELF WITH FOUR(4) FULL 180-DEGREE TURNS WITHIN 1-1/2 INCHES.

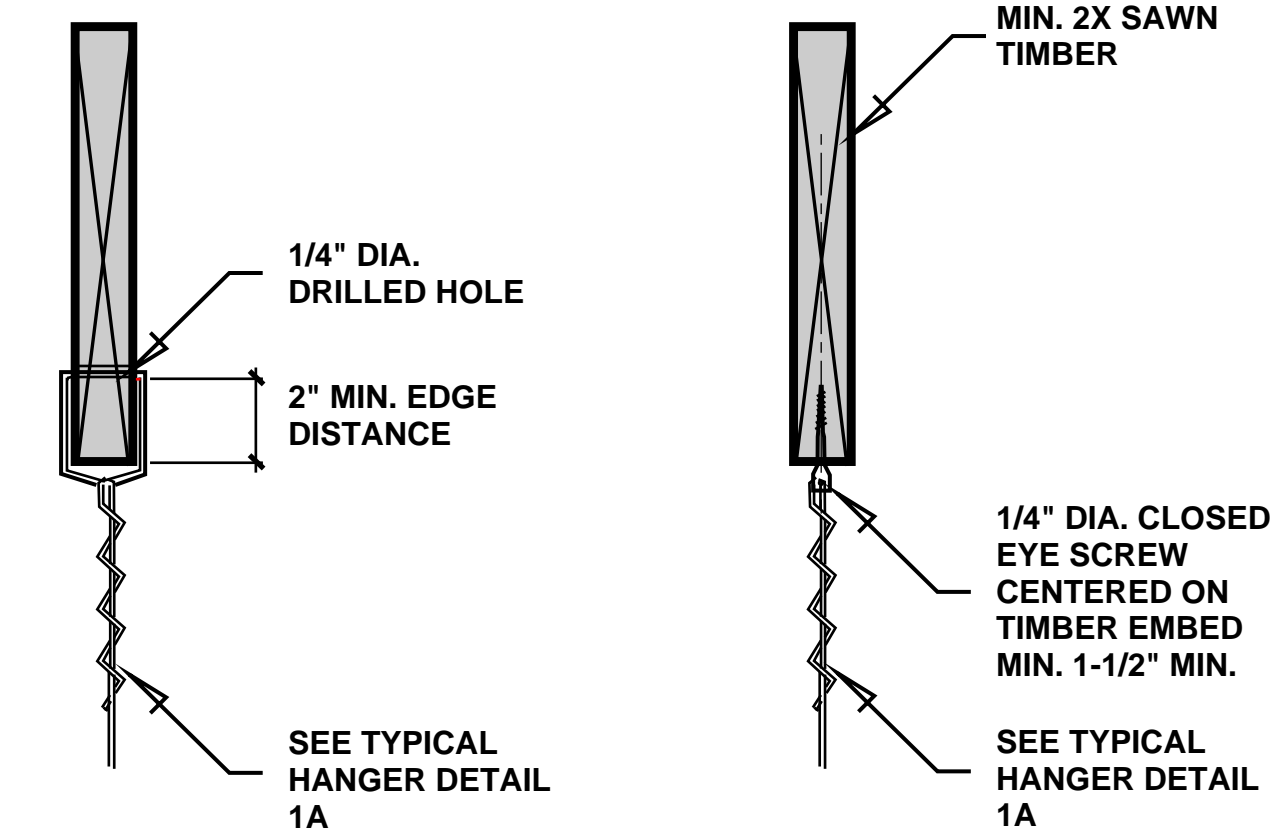
BRACING WIRES THAT ARE A PART OF THE LATERAL FORCE RESISTING SYSTEM SHALL BE A MAXIMUM OF 45-DEGREE FROM THE HORIZONTAL.

CONNECTIONS SHALL BE CAPABLE OF RESISTING A MINIMUM LOAD OF 200 POUNDS. EXCEPT FOR CONNECTIONS WITH POWER-ACTUATED FASTENERS, OTHER SIMILAR CONNECTIONS WITH A MINIMUM 200 POUND CAPACITY PERMISSIBLE.

THE USE OF POWER-ACTUATED FASTENERS IS



NOTE: WHERE EYE SCREWS ARE USED WITH FIRE RATED GYPSUM ATTACHED TO THE BOTTOM OF THE FRAMING, THE EYE SCREWS SHALL BE OF SUFFICIENT LENGTH TO PROVIDE THE MINIMUM 1-1/2" EMBEDMENT INTO THE MAIN MEMBER.



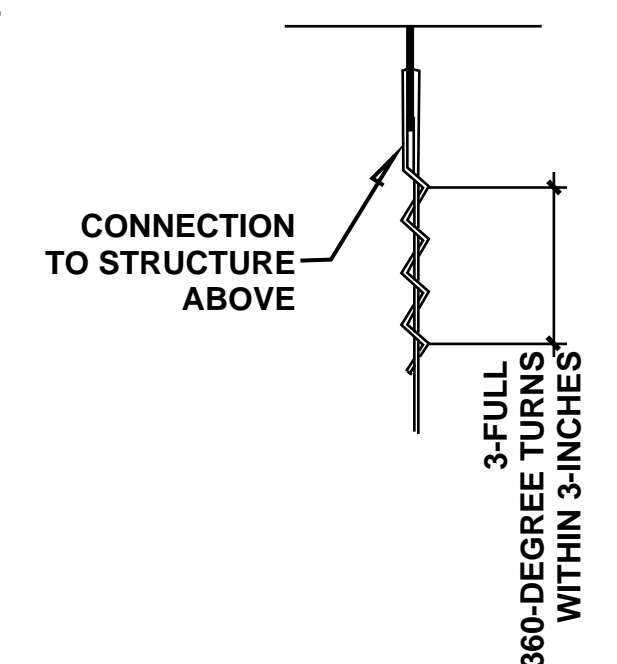
1B OPTIONAL HANGER DETAILS FOR WOOD CONSTRUCTION

HANGER WIRES FOR SUSPENDED ACOUSTICAL TILE AND LAY-IN PANEL CEILING SYSTEMS FOR ASSEMBLIES WITH A MAXIMUM WEIGHT OF 4 PSF SHALL BE AT LEAST NO. 12 GAUGE, SOFT-ANNEALED, MILD-STEEL, GALVANIZED STEEL WIRES COMPLYING WITH ASTM A641.

HANGER WIRES SHALL BE PROVIDED WITHIN 8-INCHES OF THE END OF EACH RUNNER, AT MAXIMUM 4-FOOT O.C. ALONG THE MAIN RUNNER AND AT THE INTERSECTIONS OF CROSS-RUNNERS SUPPORTING LIGHT FIXTURES IF THE CAPACITY OF THE CROSS-RUNNERS IS LESS THAN 16 PLF.

HANGER WIRES SHALL BE TERMINATED WITH WIRE LOOPS AS REQUIRED BY ASTM E580, 5.2.7.2 WITH A LOOP AND THE WIRE WRAPPED AROUND ITSELF WITH 3-FULL TURNS WITHIN 3-INCHES.

HANGER CONNECTIONS SHALL HAVE A MINIMUM LOAD CARRYING CAPACITY OF 100 POUNDS. SIMILAR HANGER CONNECTIONS TO THE ATTACHED WITH MINIMUM 100 POUND CAPACITY PERMISSIBLE.



1A TYPICAL HANGER DETAIL

HANGER DETAILS

1

SUSPENDED ACT & LAY-IN PANEL CEILING HANGER AND BRACING WIRE CONNECTION OPTIONS TO THE STRUCTURE

DATE