



TIMBERHAVEN

Typical Roof Framing

Diagrams

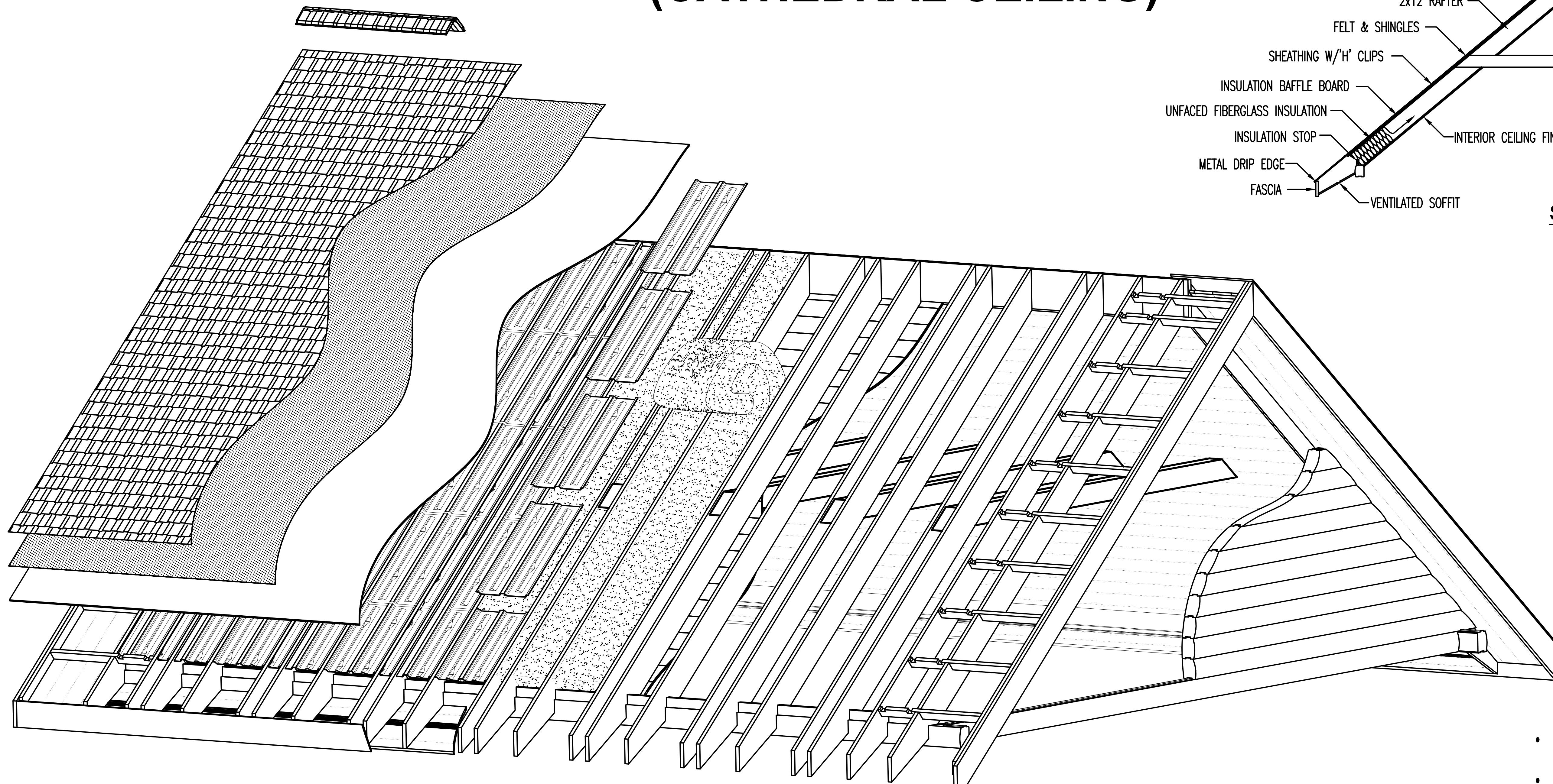
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2 x 12 RAFTER ROOF

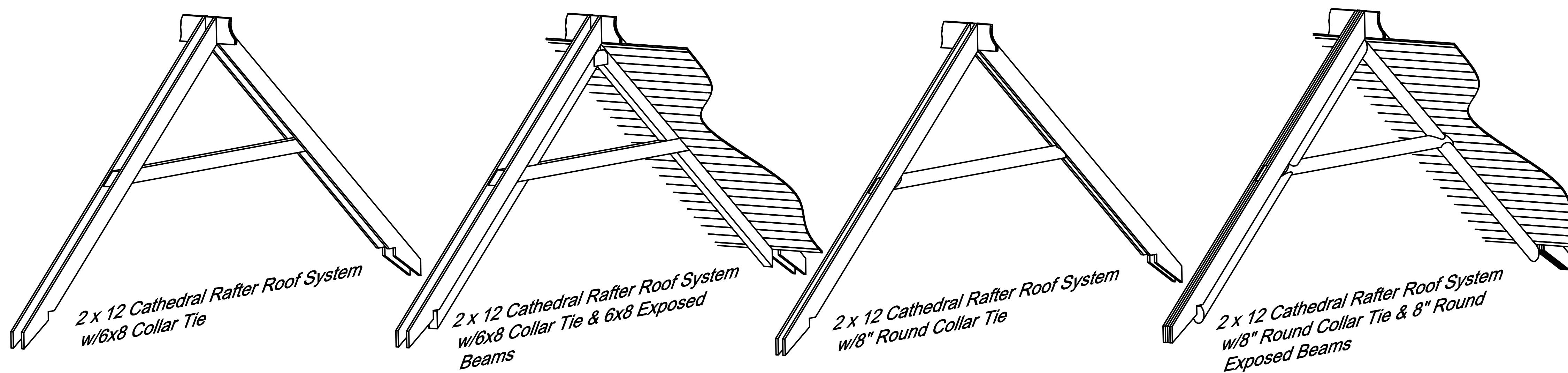
(CATHEDRAL CEILING)



Sectional View

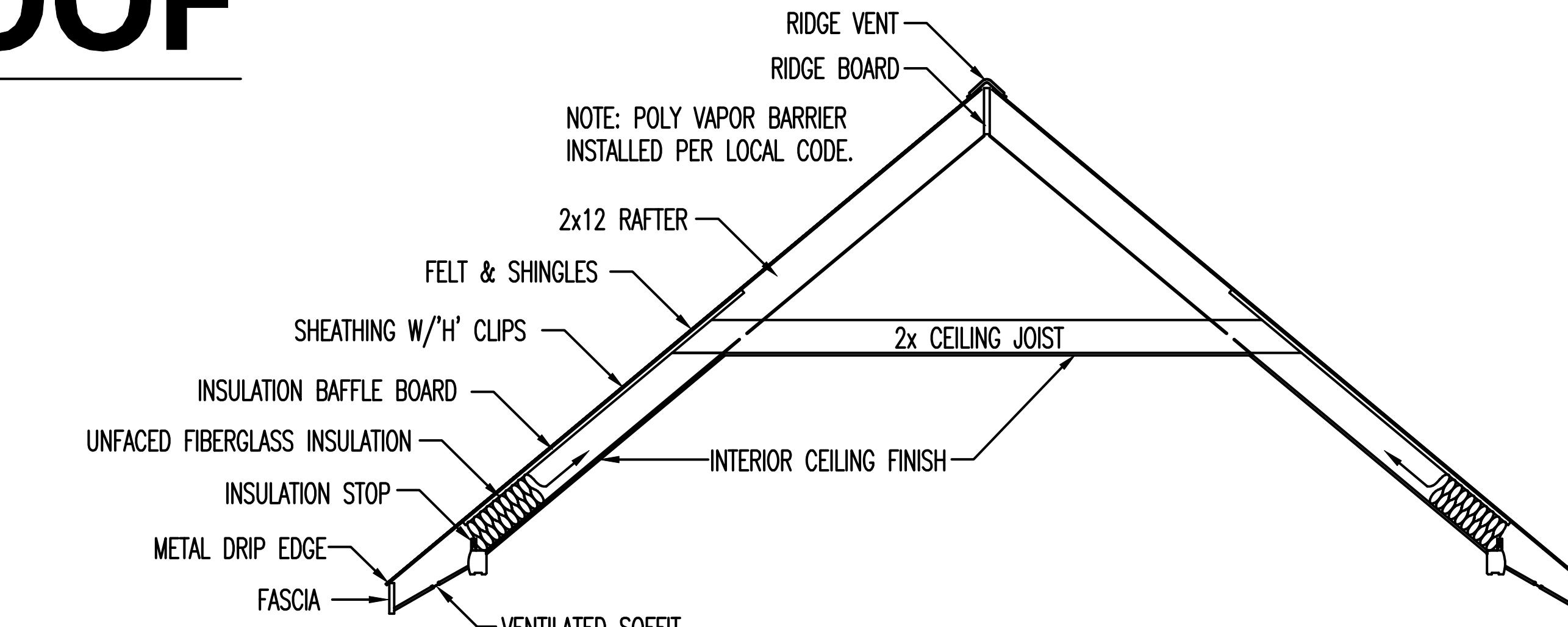
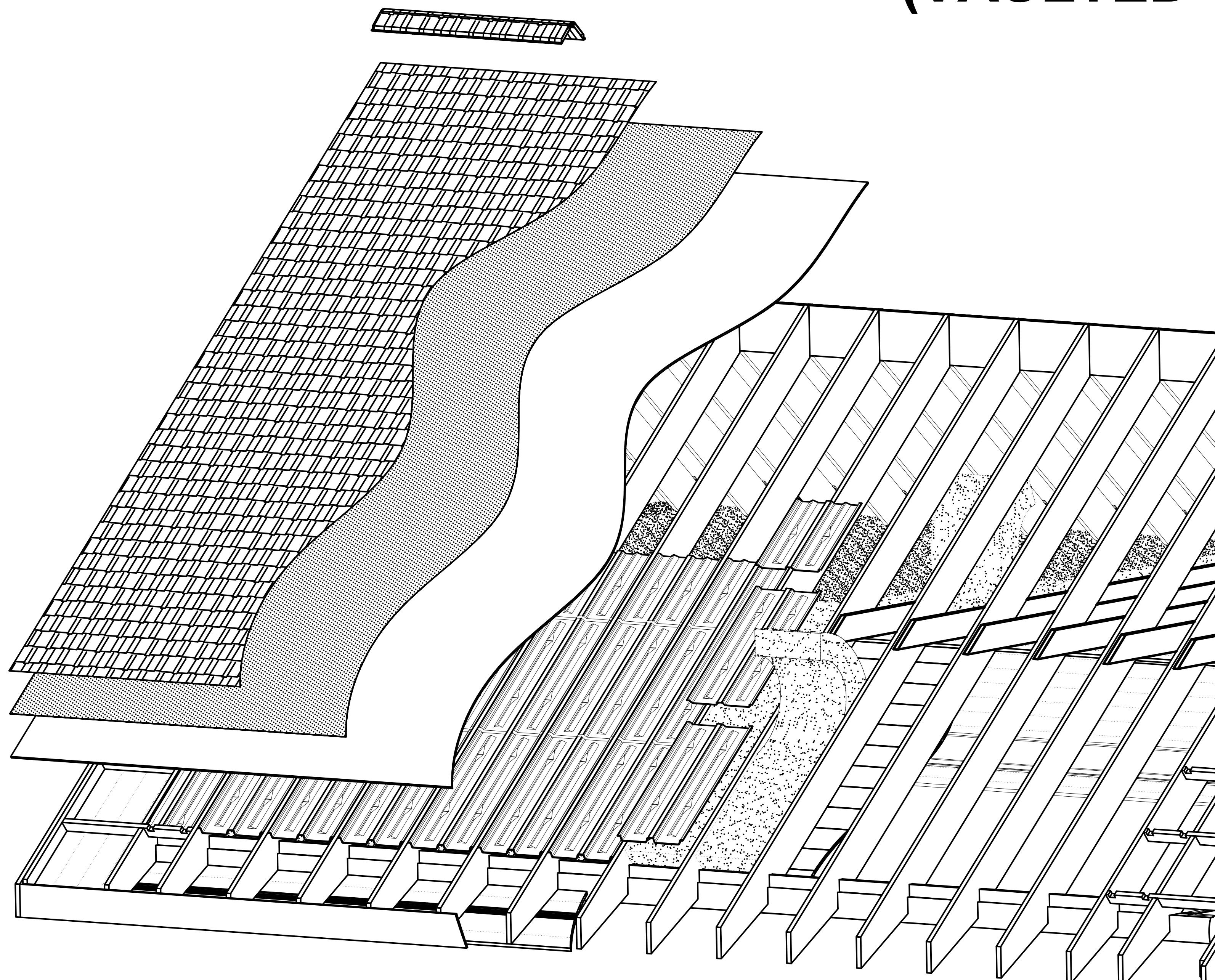
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- SYSTEMS DESIGNED FOR 40# SNOW LOAD (DESIGN MAY VARY PENDING INCREASED SNOW LOAD).
- SYSTEMS DESIGNED FOR 90 MPH WIND LOAD (DESIGN MAY VARY PENDING INCREASED WIND LOAD).
- RAFTERS ARE TYPICALLY SPACED 16" O.C. WITH STRUCTURAL COLLAR TIES SPACED 4'-0" O.C. COLLAR TIES ARE PLACED BETWEEN (2) RAFTERS AND THROUGH-BOLTED. (SPACING MAY VARY PENDING ENGINEERING AND/OR SPECIFIC DESIGN REQUIREMENTS)
- ROOF PITCHES VARY PENDING DESIGN.
- RIDGE BOARDS VARY PENDING DESIGN (DESIGNS WITH WIDTH OF 28'-0" OR GREATER MAY REQUIRE A GLU-LAM RIDGE BEAM).
- INSULATION VALUE = R-38
- T&G CEILING FINISH INSTALLED PERPENDICULAR TO THE RAFTERS.
- STANDARD 2 x 12 RAFTER ROOF SYSTEMS DO NOT INCLUDE EXPOSED BEAMS (AVAILABLE UPON REQUEST).
- THE EXISTENCE OF A SECOND FLOOR WILL REQUIRE A MINIMUM OF 15 LOG/SIDING COURSES TO SQUARE.



2 x 12 RAFTER ROOF

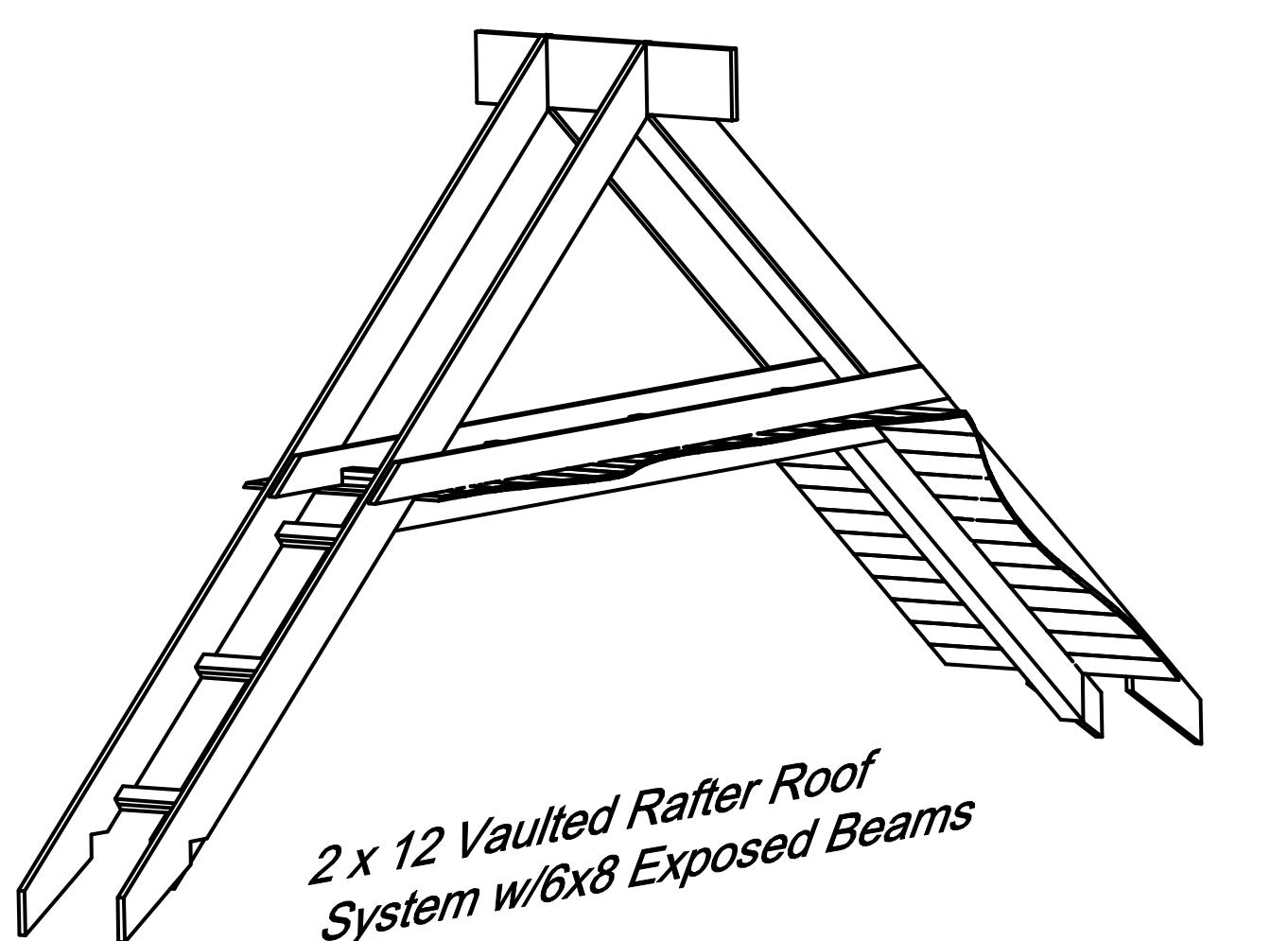
(VAULTED CEILING)



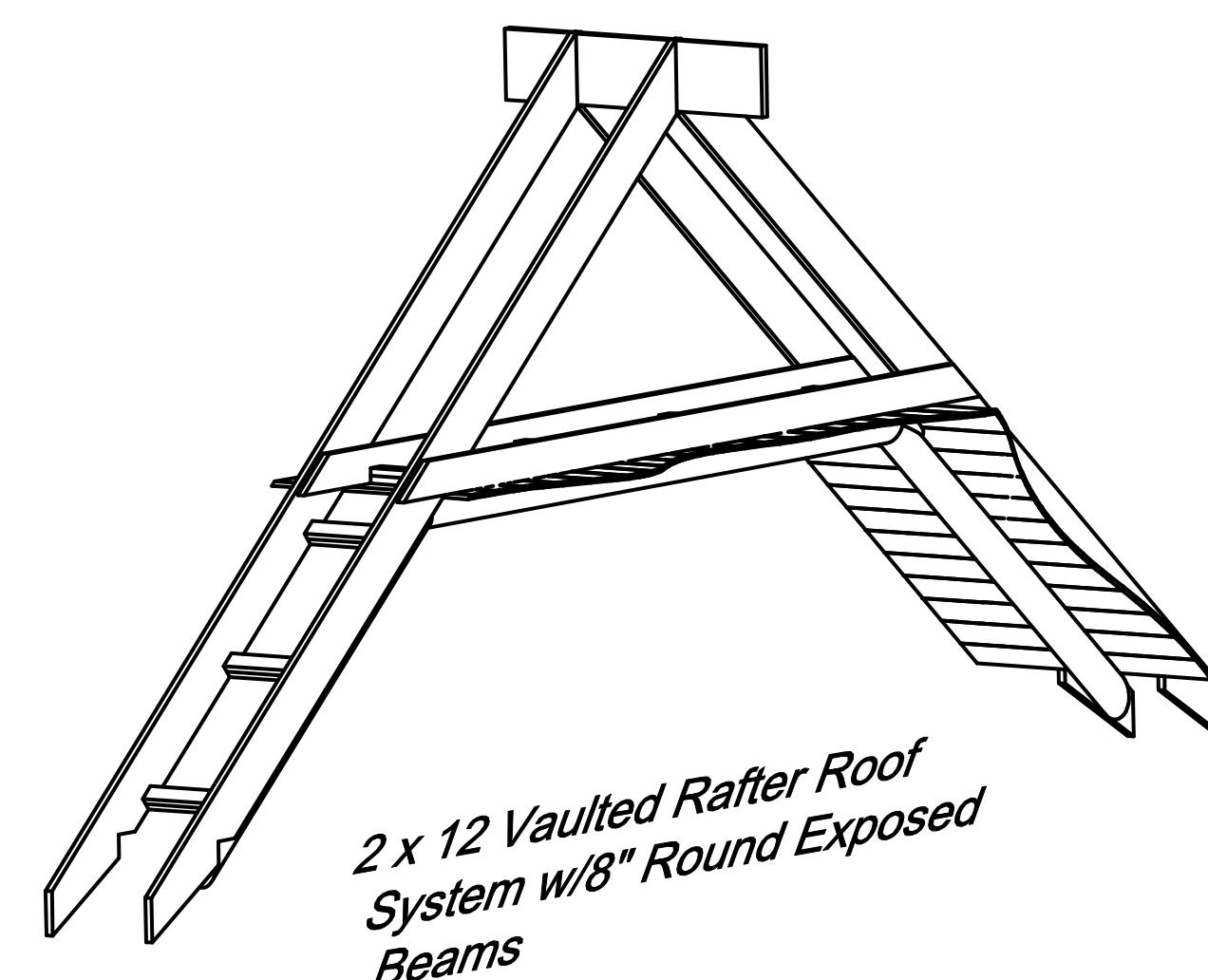
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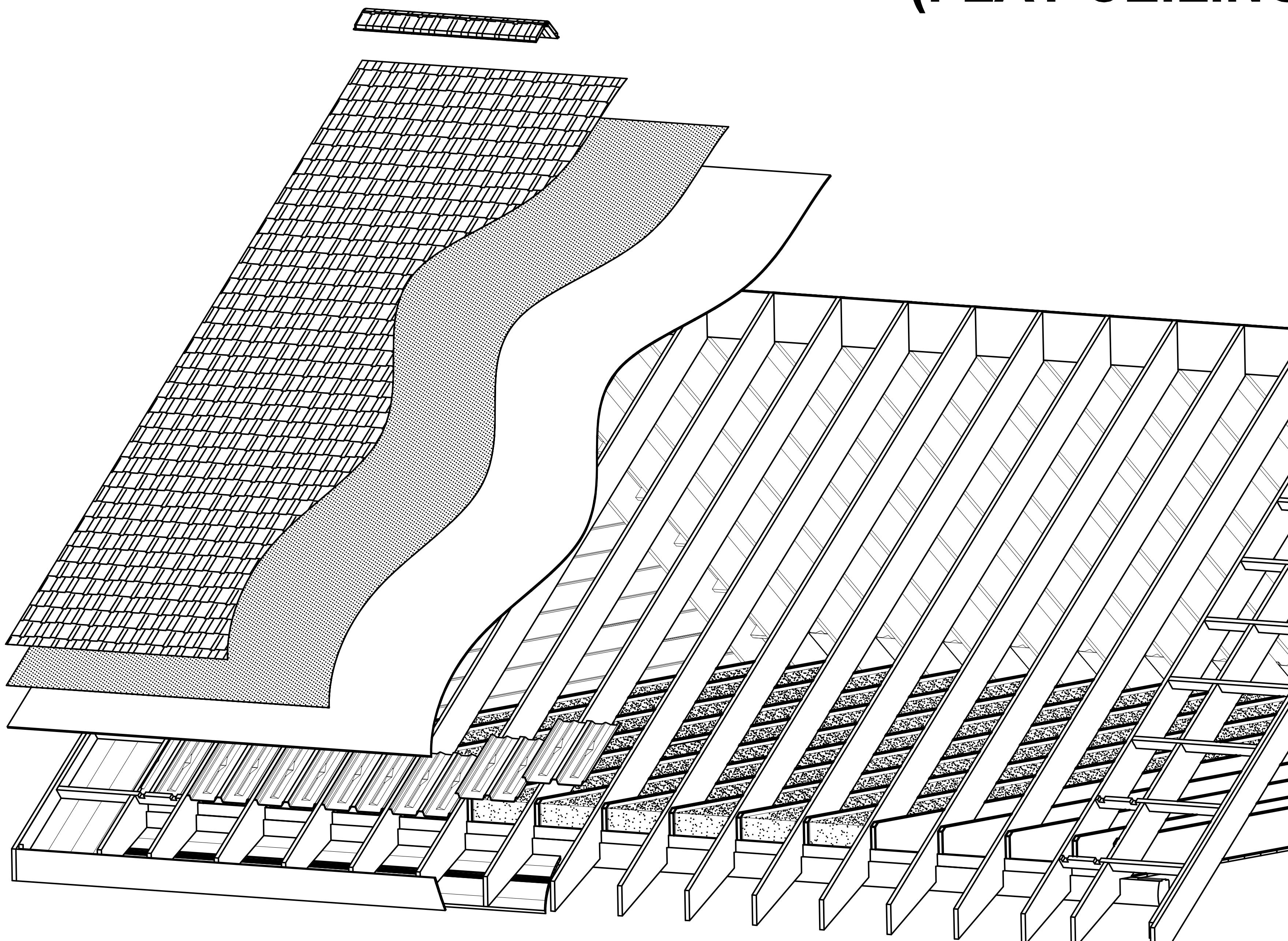
2 x 12 Vaulted Rafter Roof
System w/6x8 Exposed Beams



2 x 12 Vaulted Rafter Roof
System w/8" Round Exposed
Beams

2 x 12 RAFTER ROOF

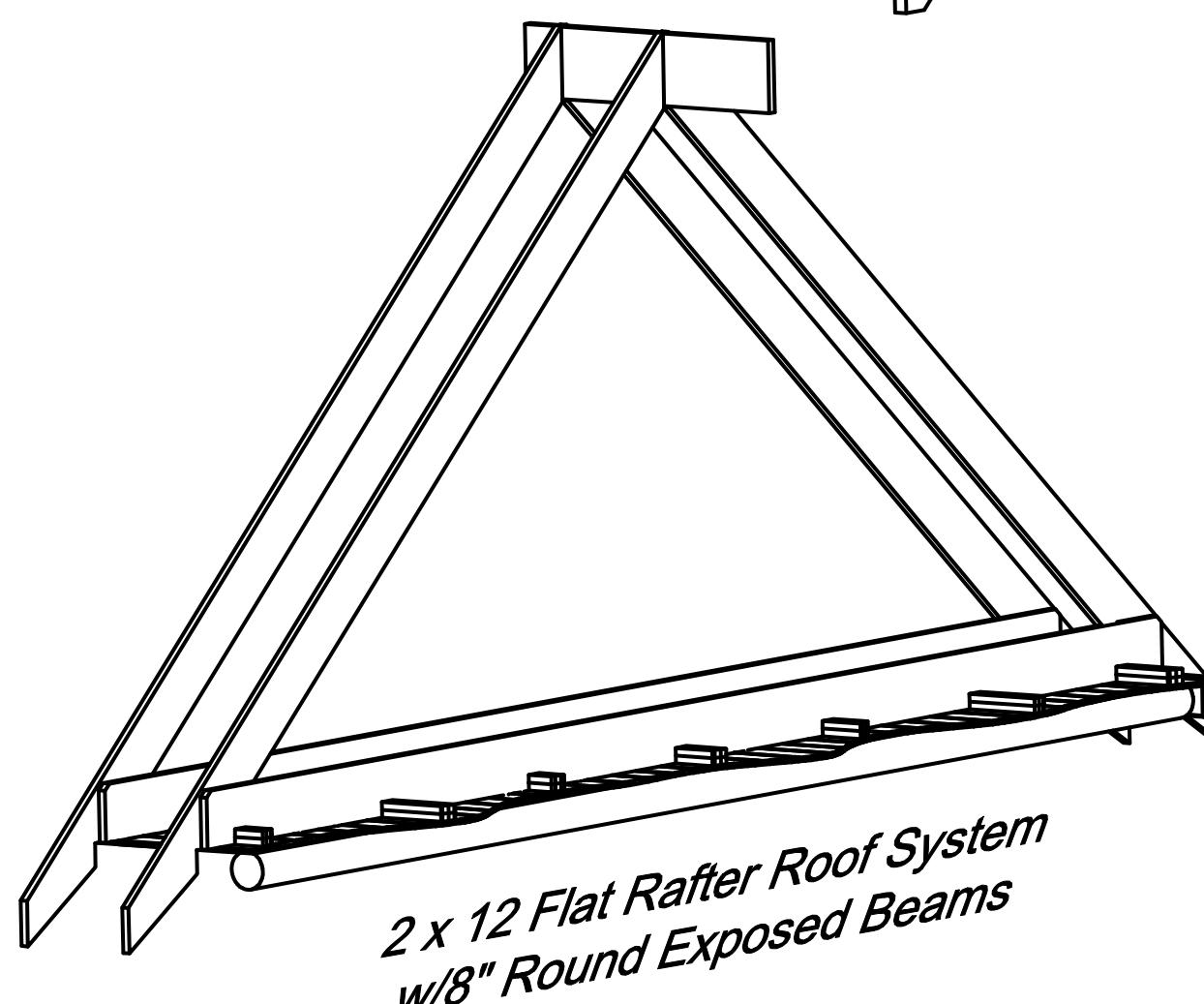
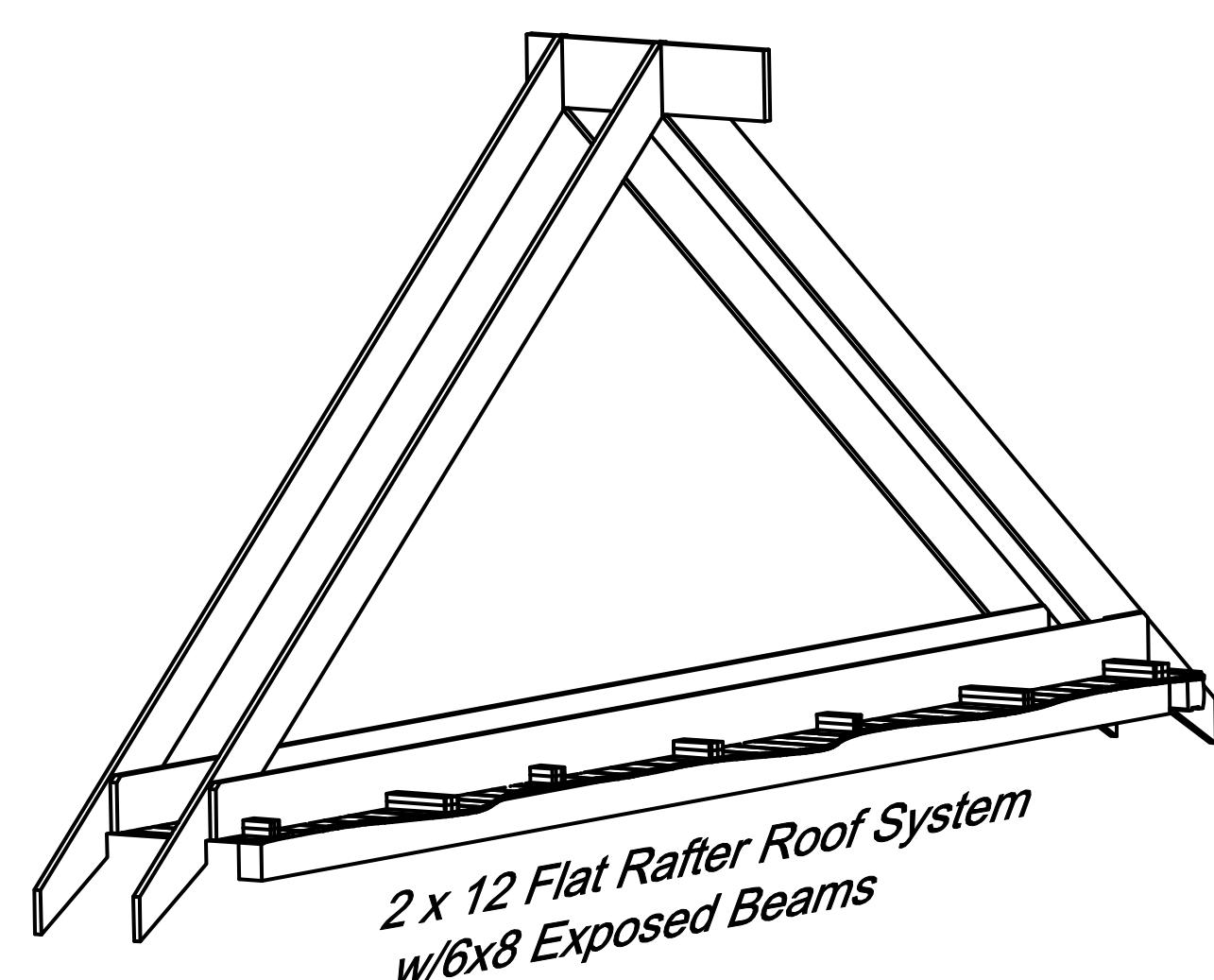
(FLAT CEILING)



Sectional View

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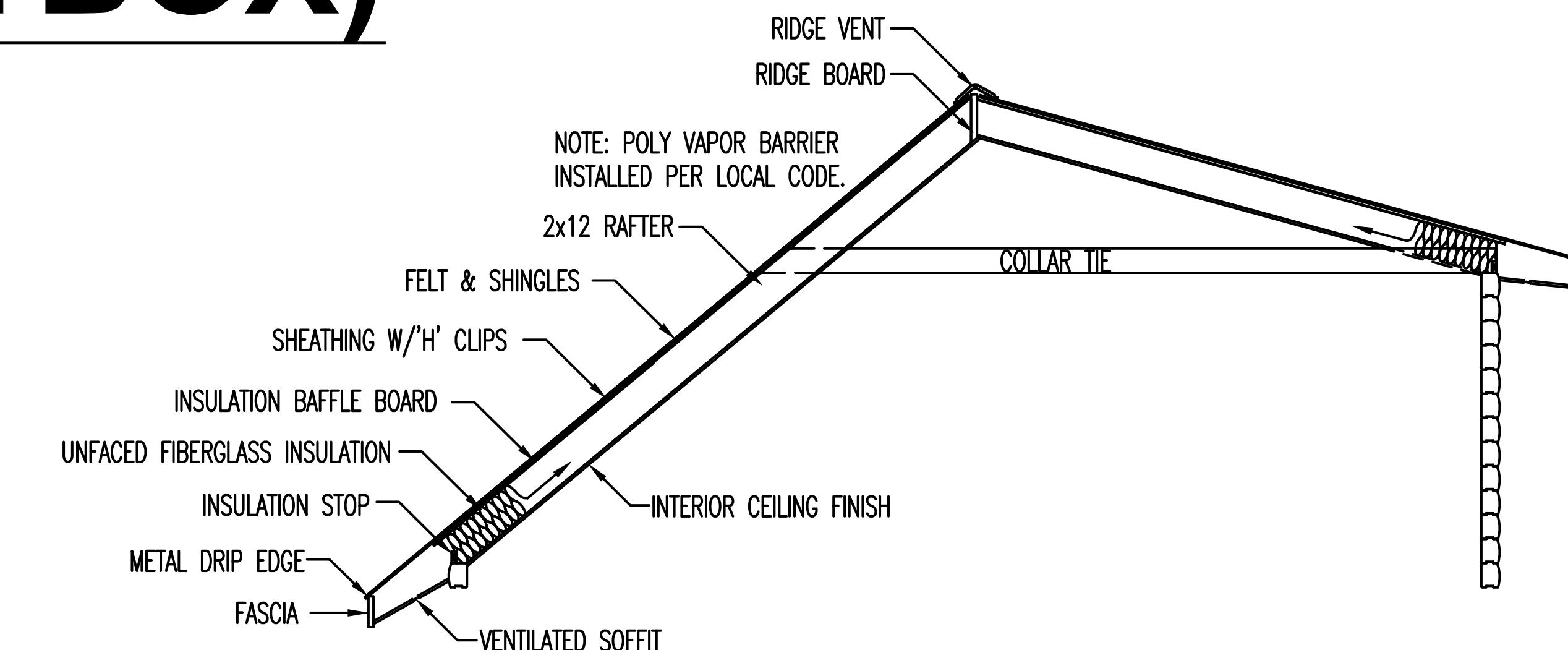
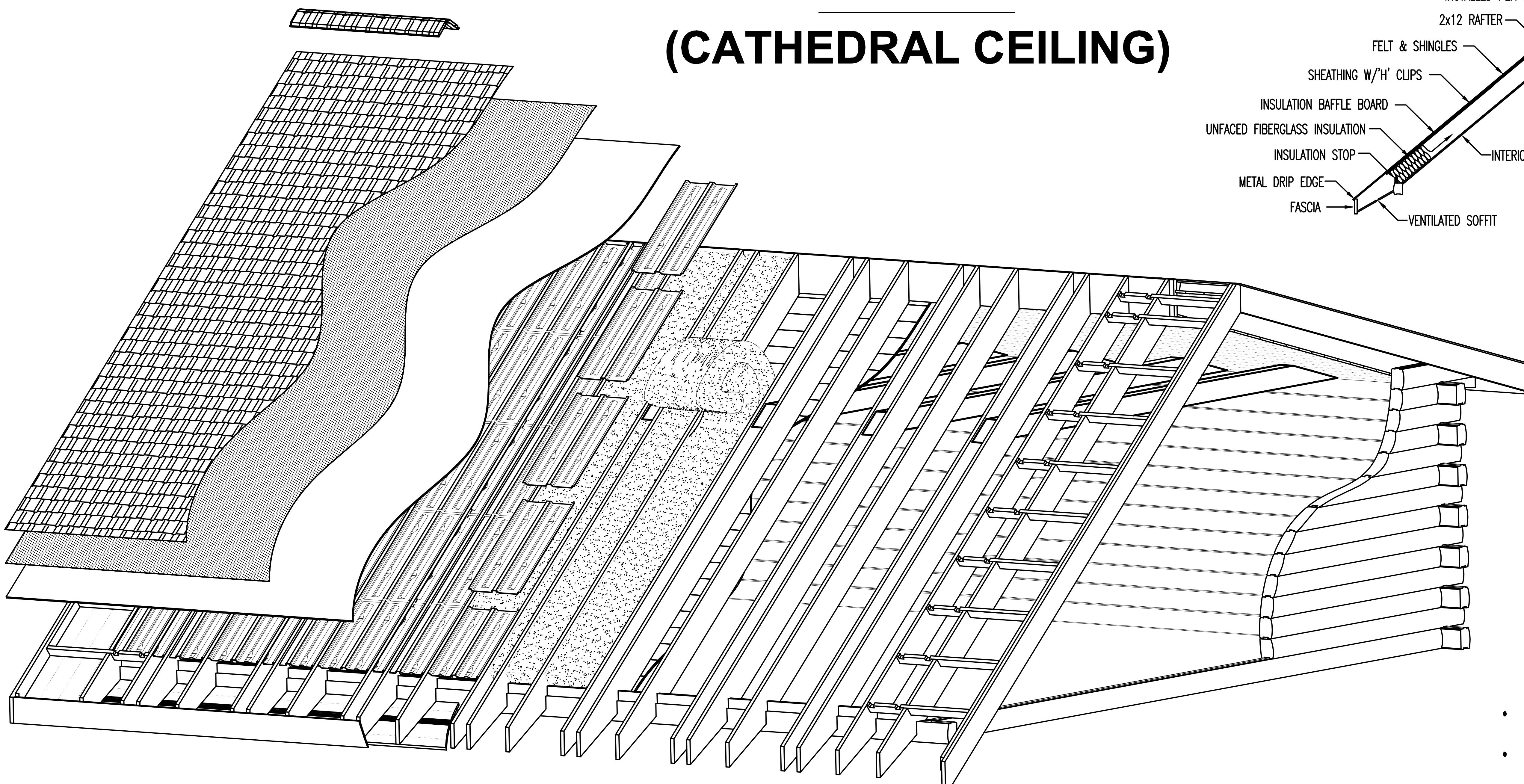
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2 x 12 RAFTER (SALTBOX)

ROOF

(CATHEDRAL CEILING)

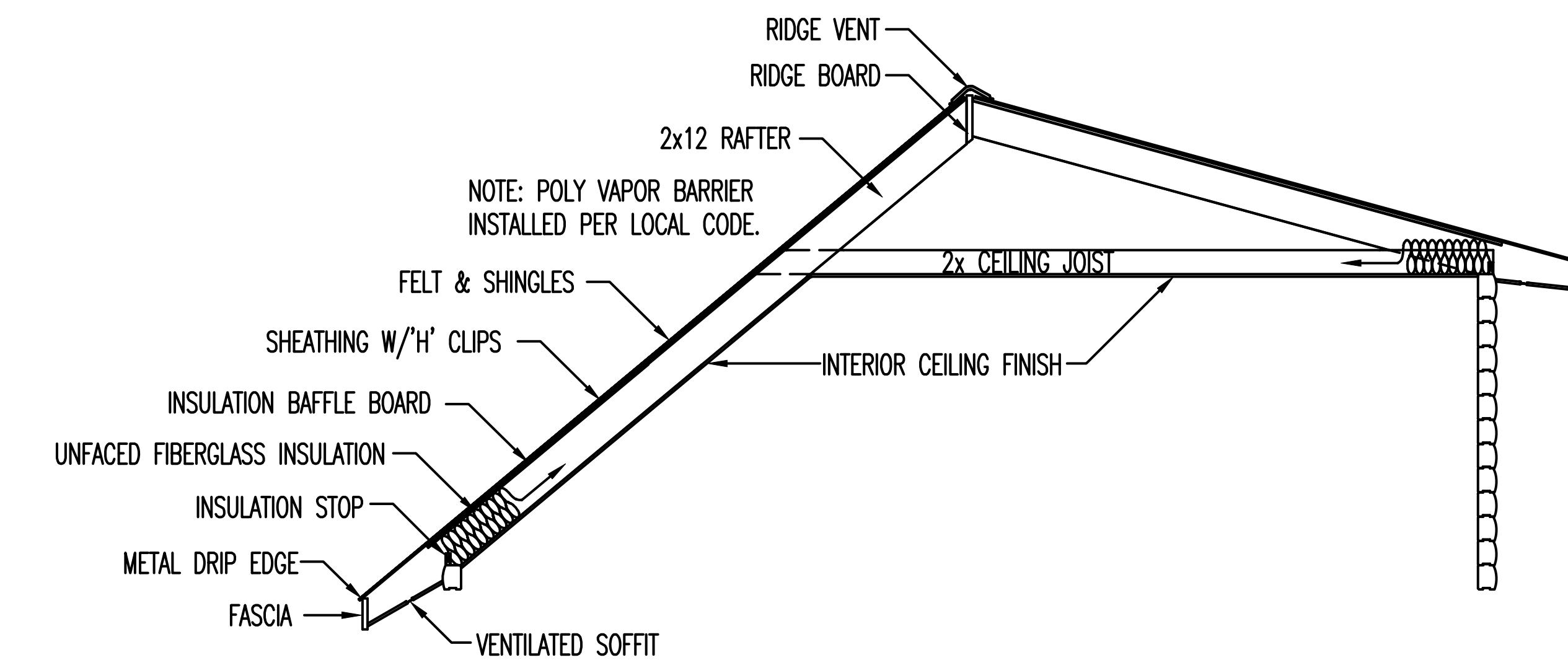
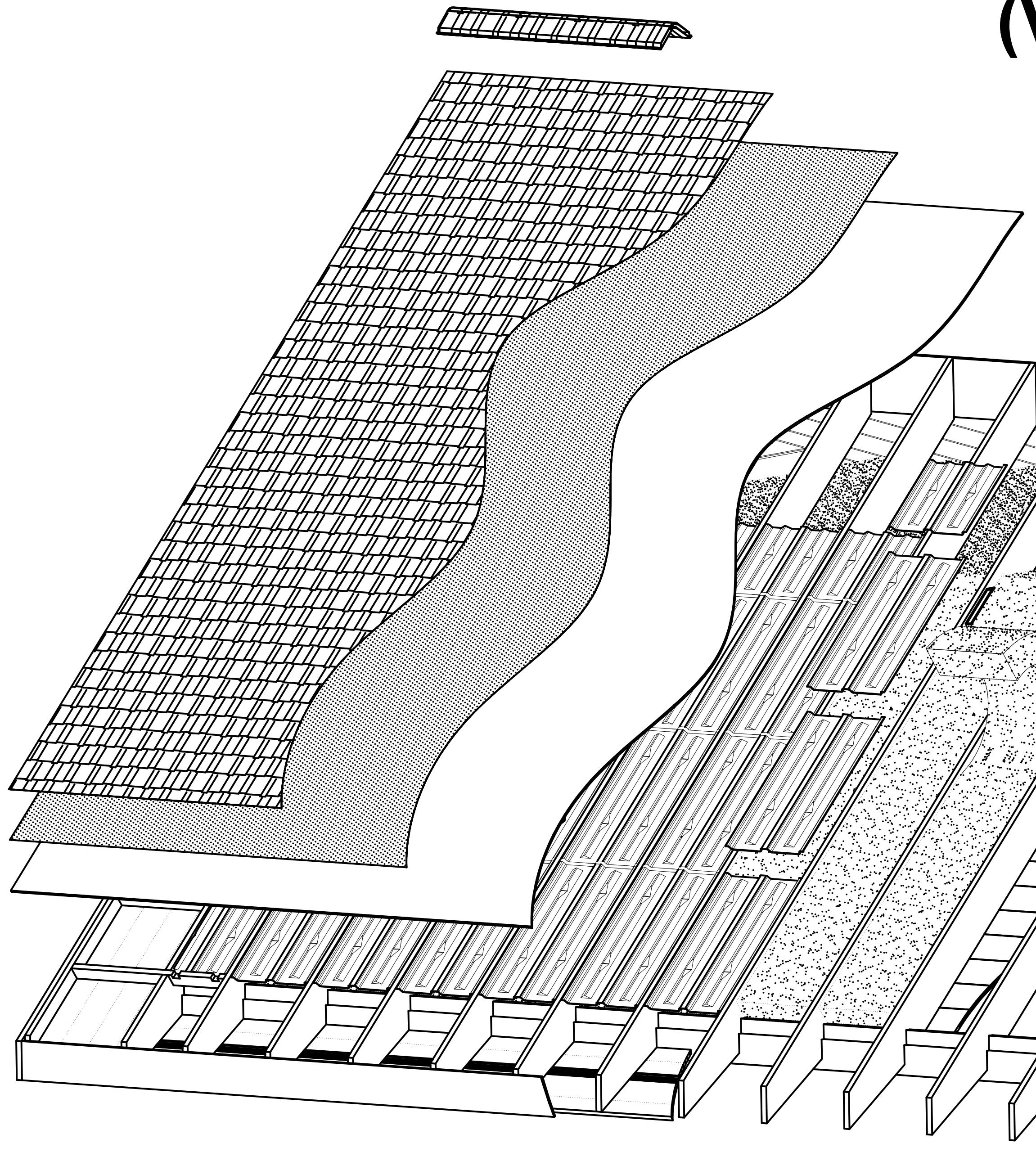


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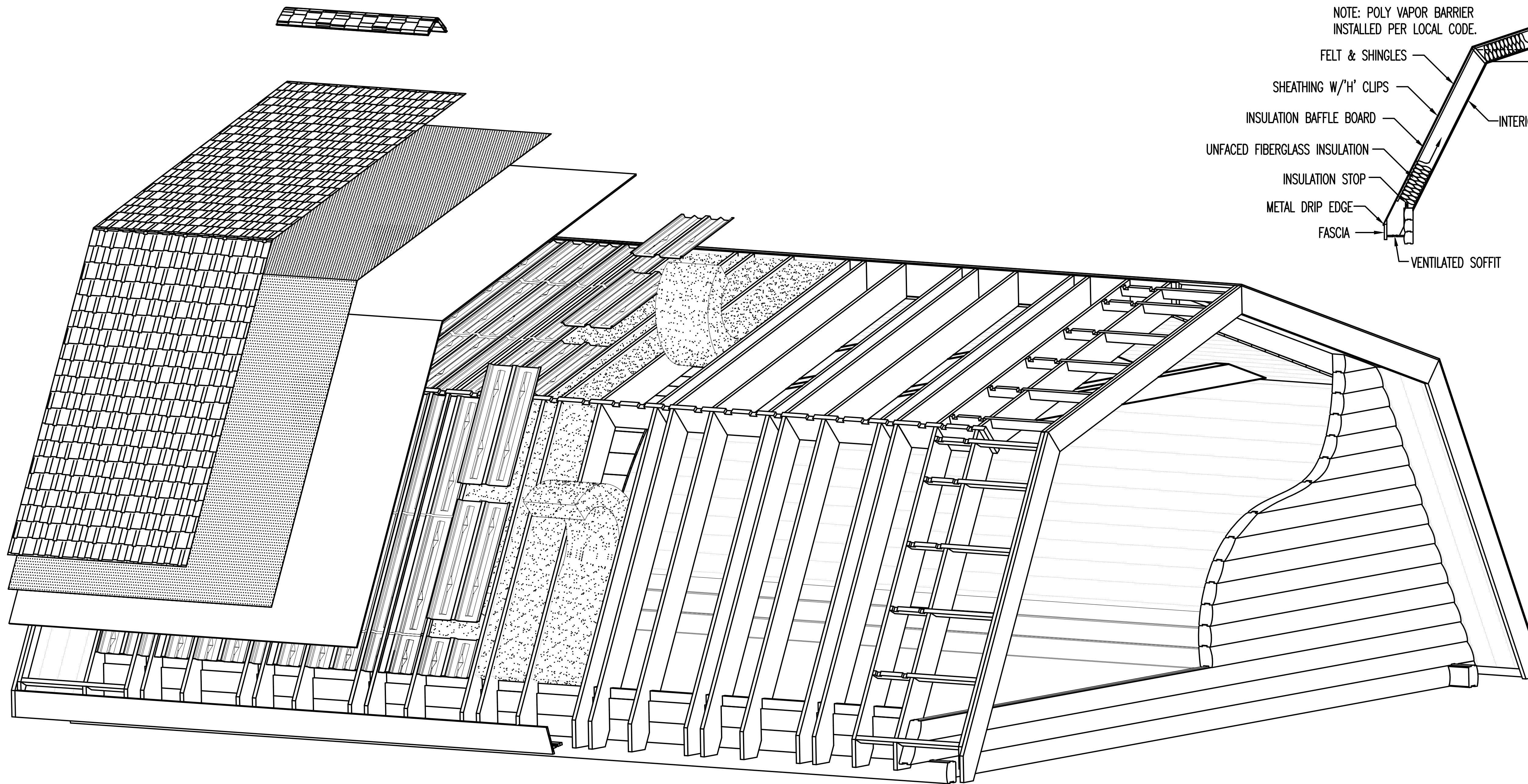
2 x 12 RAFTER (SALTBOX) ROOF (VAULTED CEILING)



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2 x 12 RAFTER (GAMBREL) ROOF (CATHEDRAL CEILING)

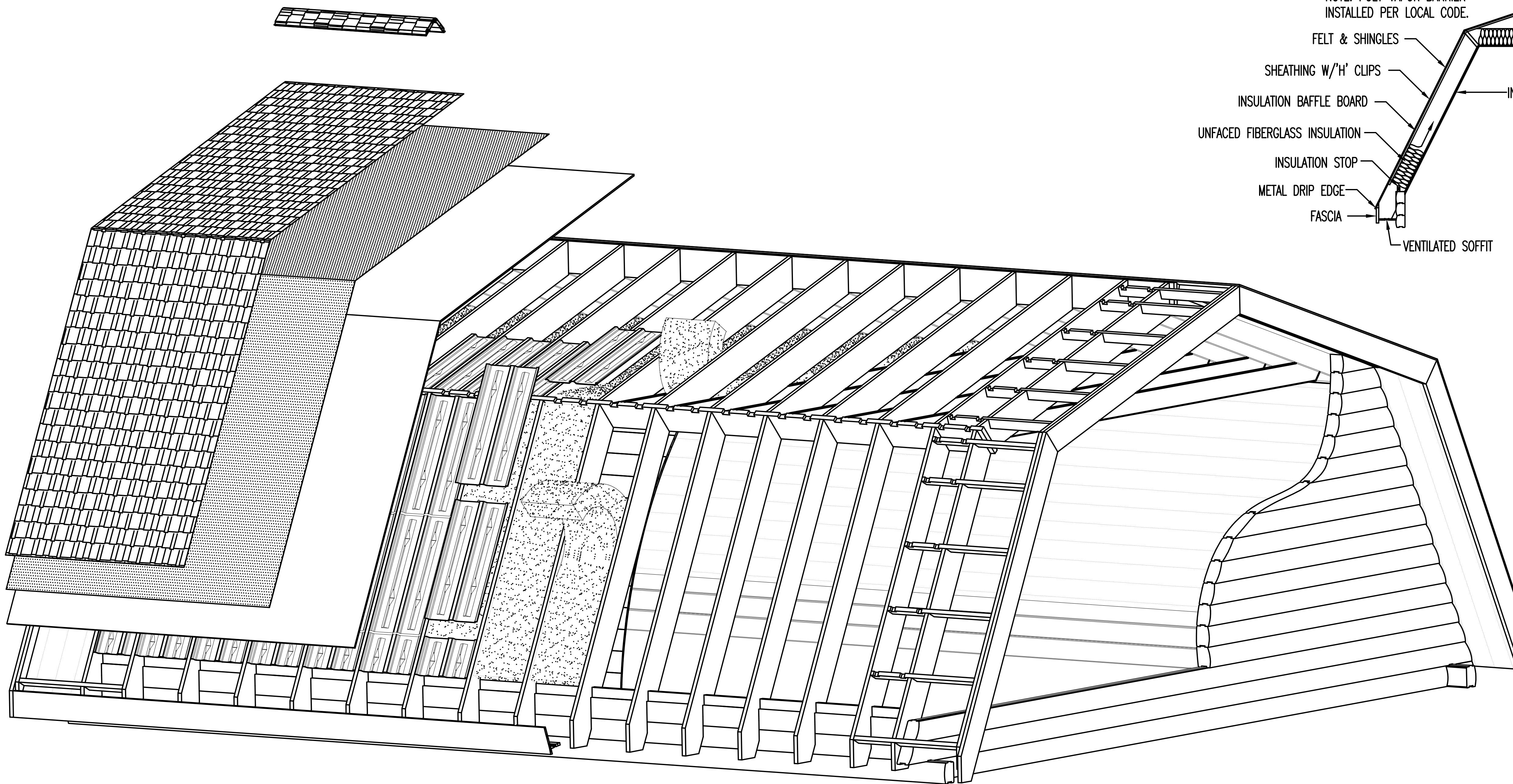


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2 x 12 RAFTER (GAMBREL) ROOF (VAULTED CEILING)



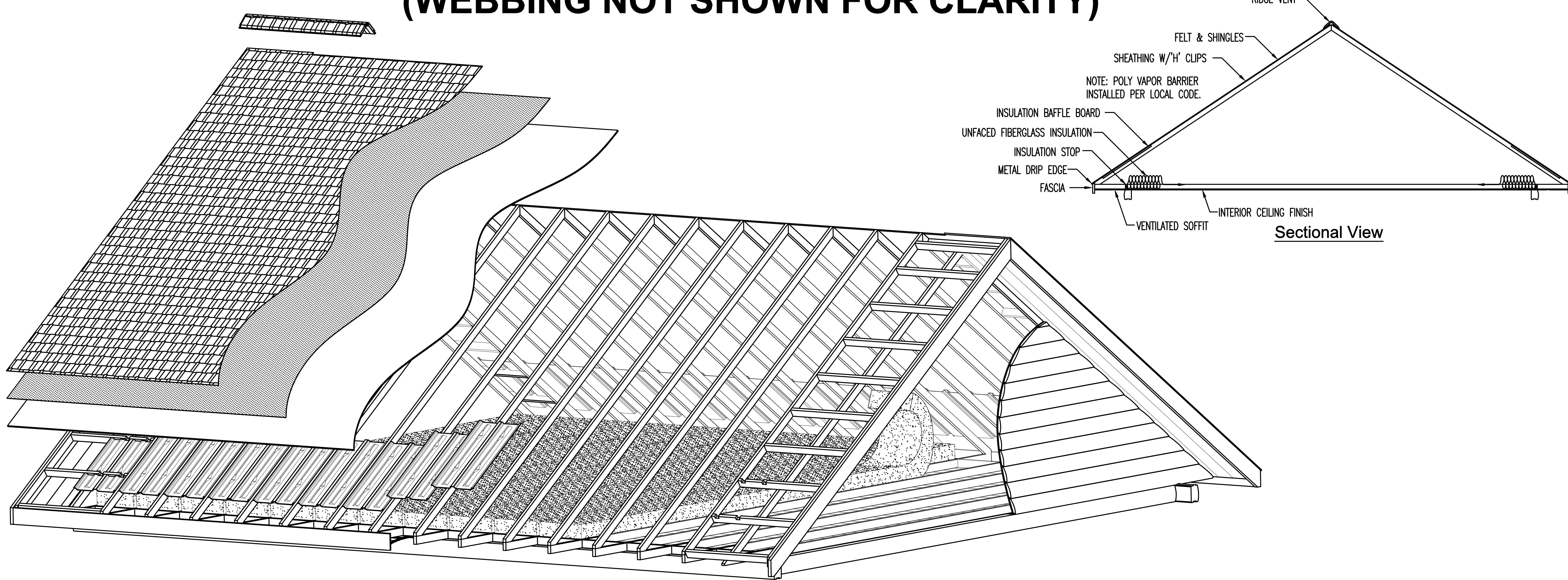
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PRE-FAB FLAT TRUSS

(WEBBING NOT SHOWN FOR CLARITY)

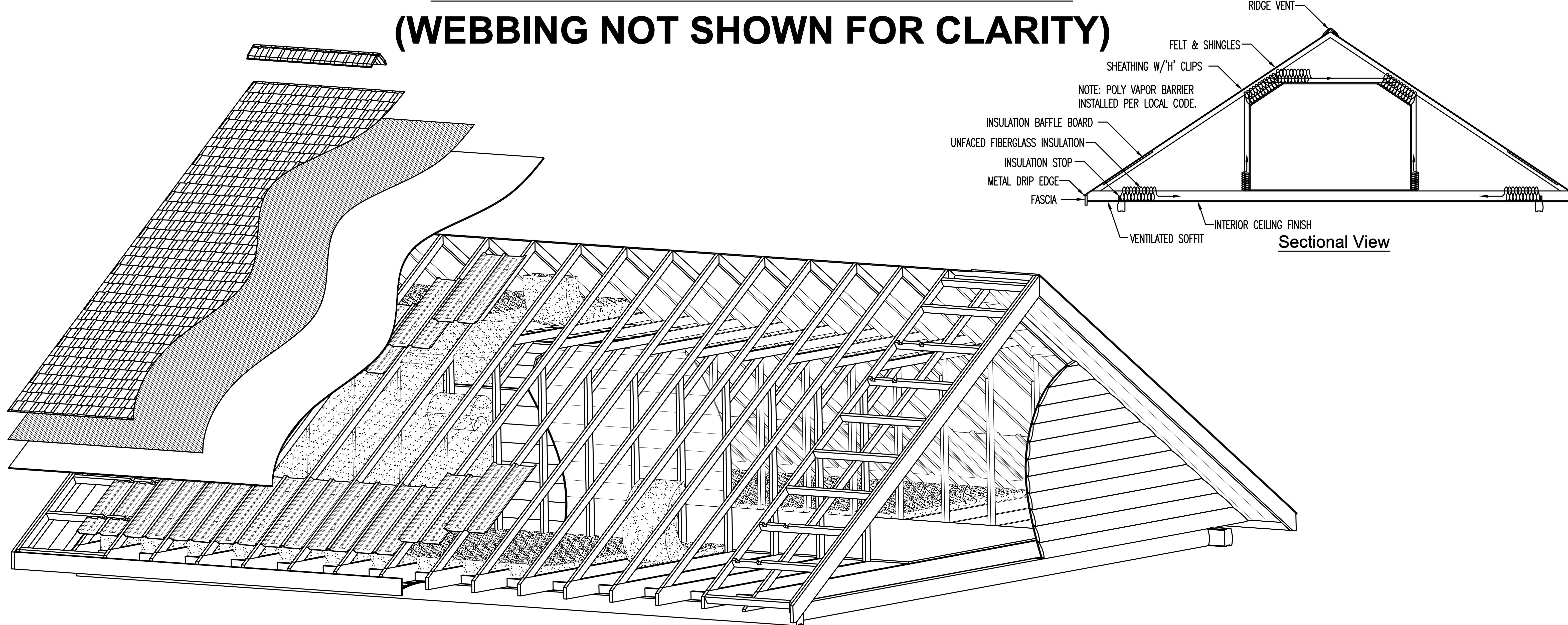


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- STANDARD TRUSS ROOF SYSTEMS DO NOT INCLUDE EXPOSED BEAMS (AVAILABLE UPON REQUEST)
- AREAS WITH A TRUSS ROOF SYSTEM ARE TYPICALLY 14 COURSES TO SQUARE.
- TYPICALLY HAVE A SIDED GABLE.
- FLAT TRUSSES ARE NOT DESIGNED FOR USE AS STORAGE.

PRE-FAB ATTIC TRUSS

(WEBBING NOT SHOWN FOR CLARITY)

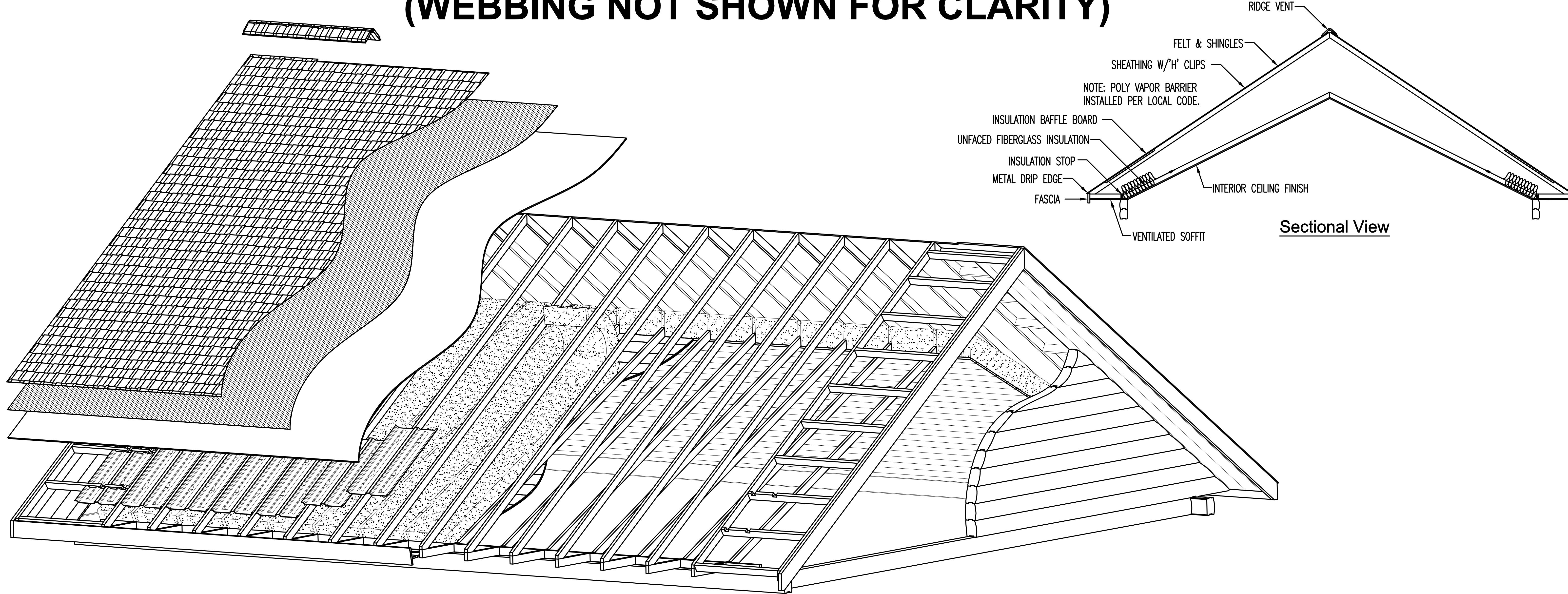


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- AREAS WITH A TRUSS ROOF SYSTEM ARE TYPICALLY 14 COURSES TO SQUARE.
- TYPICALLY HAVE A SIDED GABLE.

PRE-FAB SCISSORS TRUSS

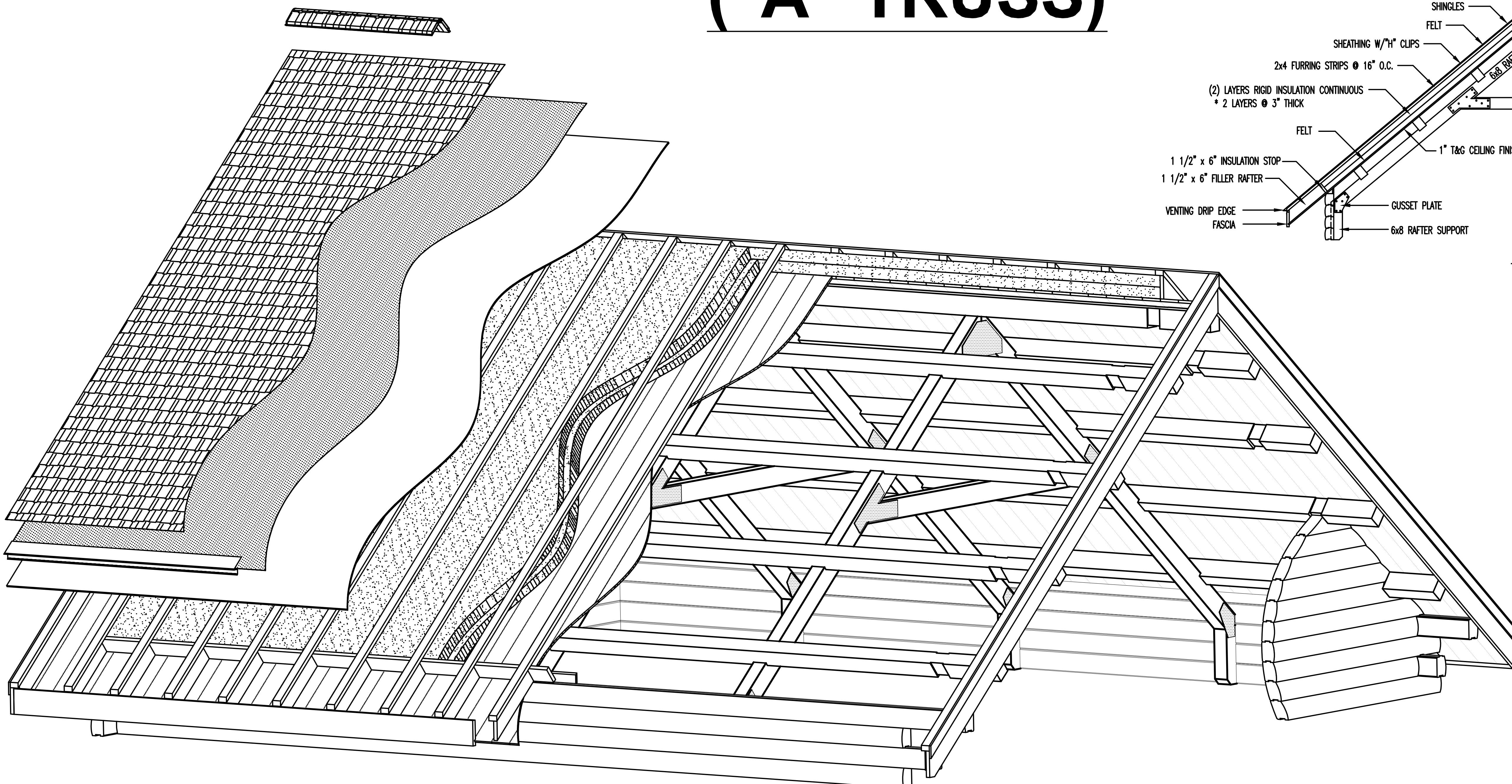
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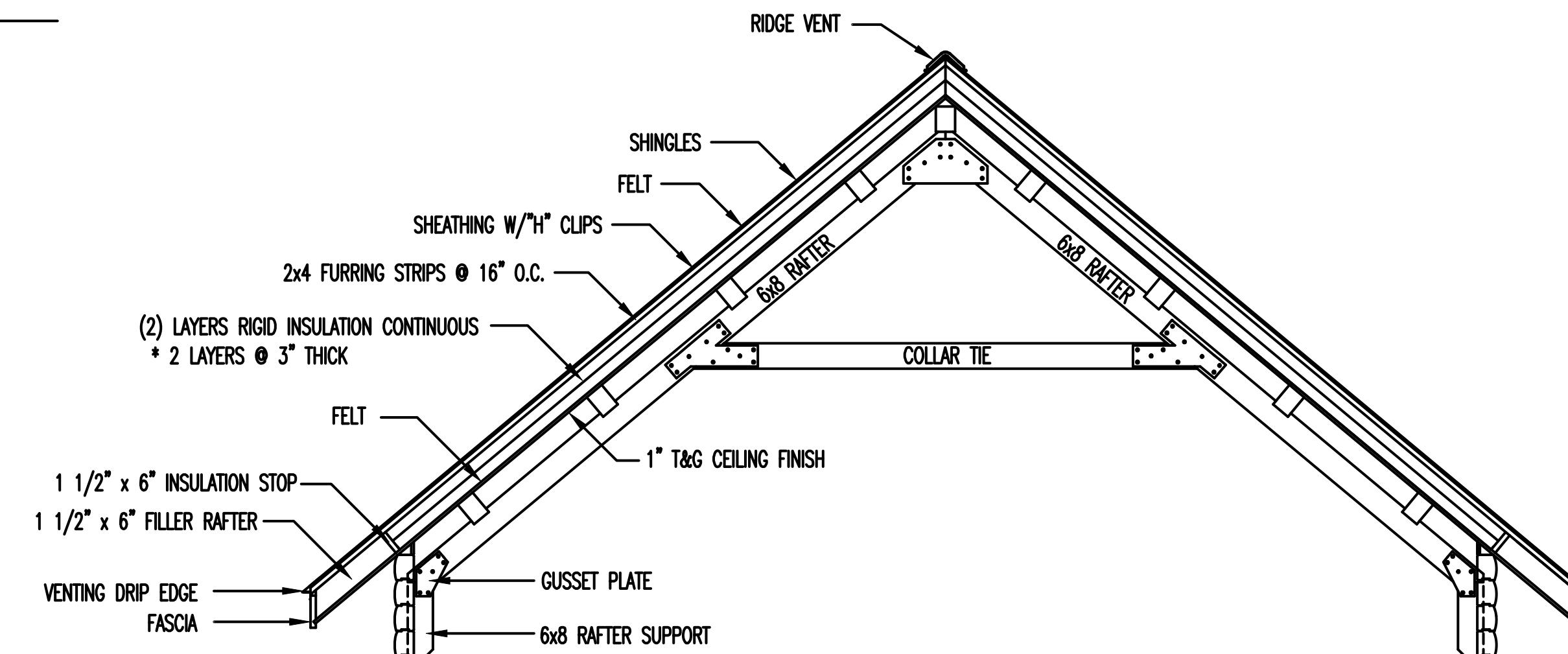
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- TYPICALLY HAVE A SOLID LOG GABLE.

BEAM & PURLIN ("A" TRUSS)



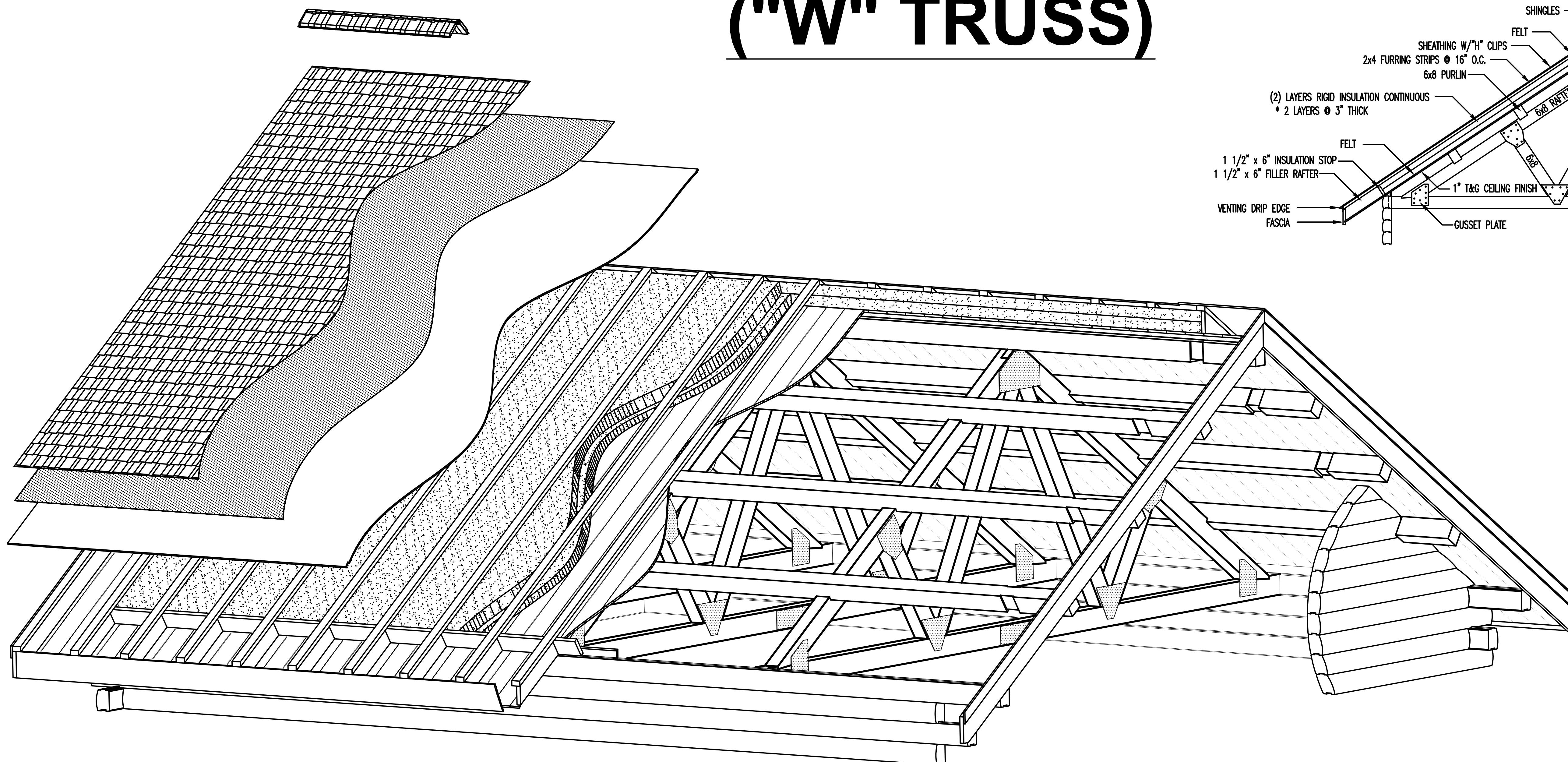
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BEAM & PURLIN ("W" TRUSS)

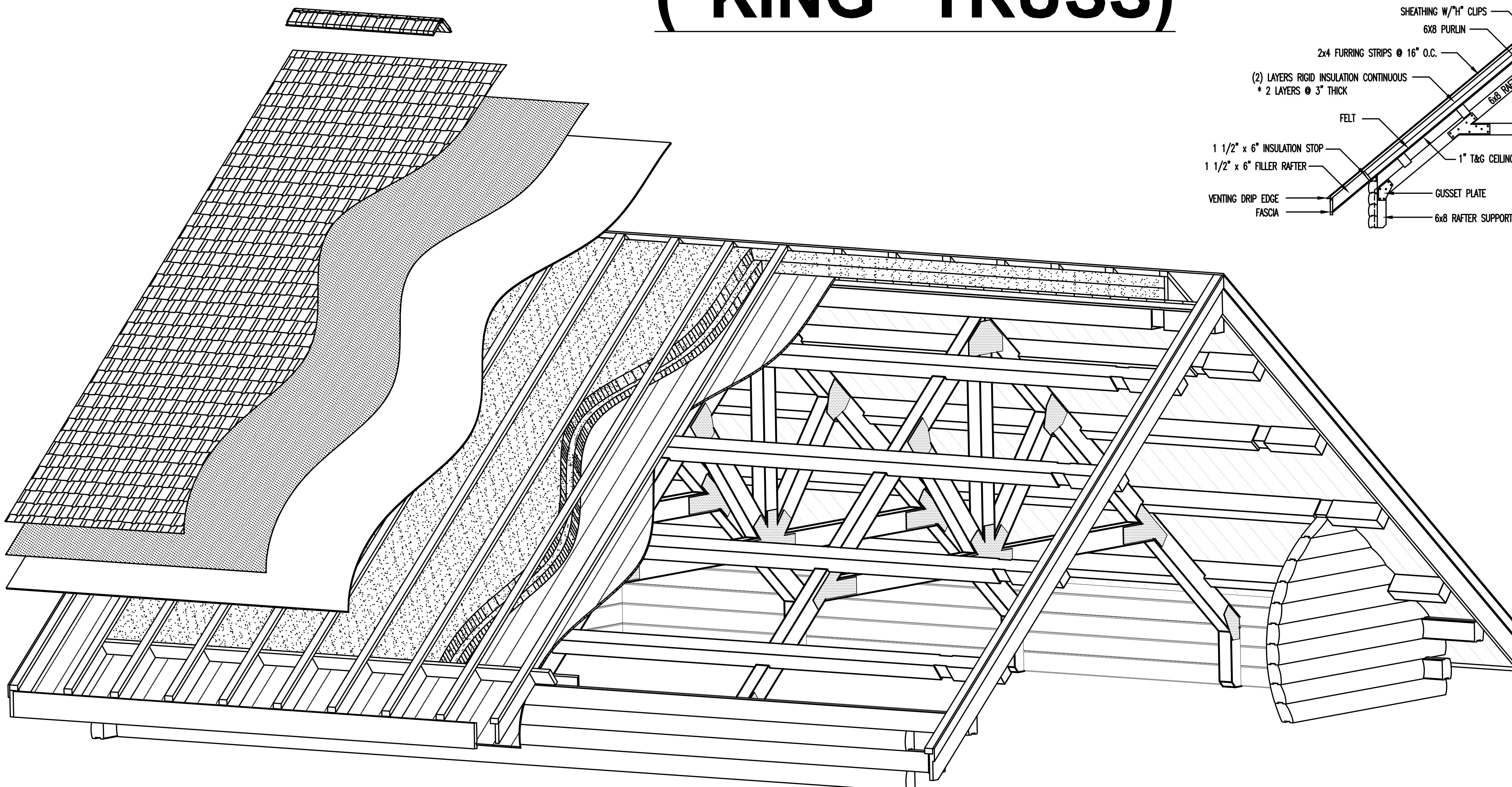


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BEAM & PURLIN ("KING" TRUSS)

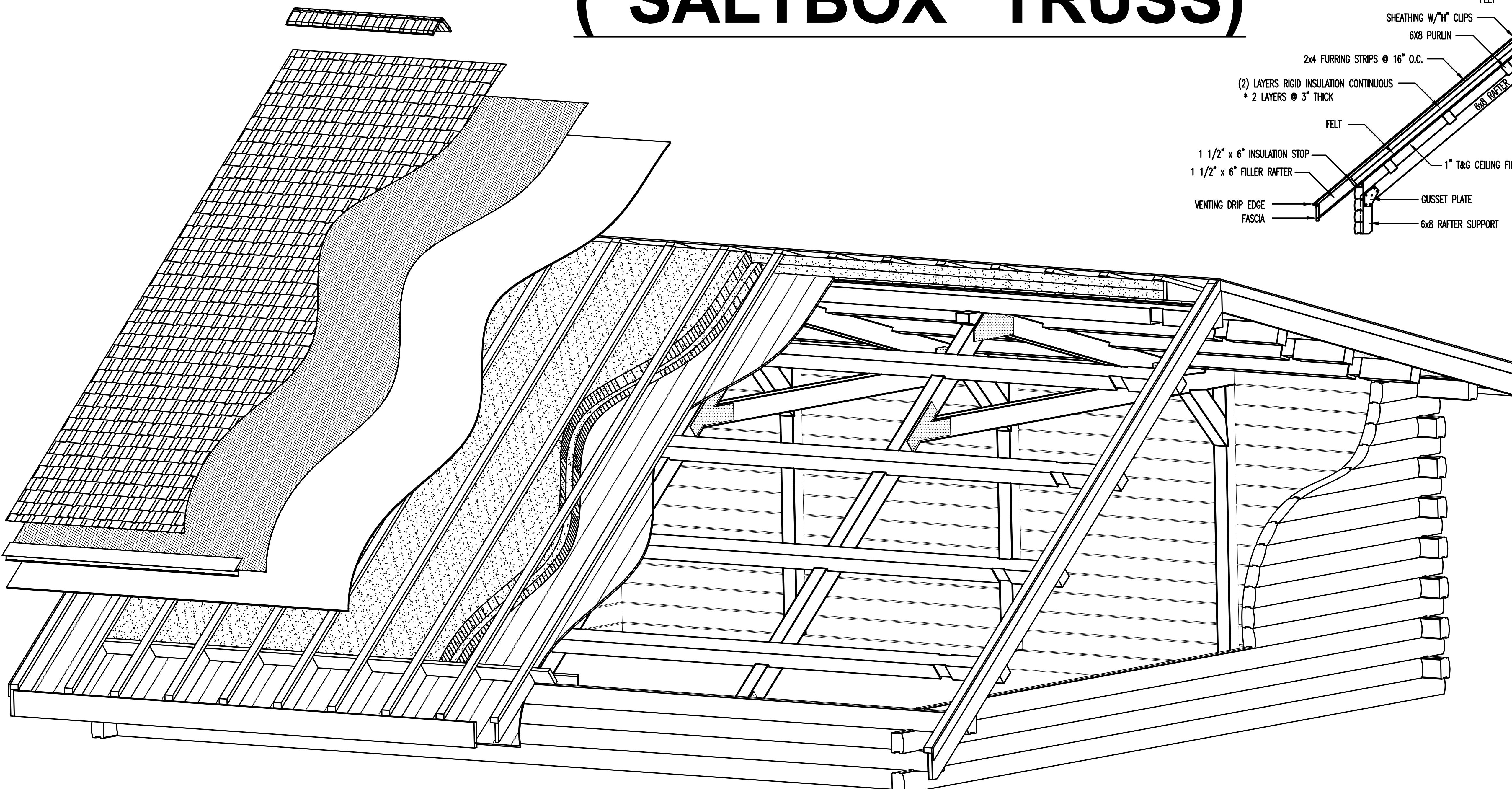


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BEAM & PURLIN ("SALTBOX" TRUSS)

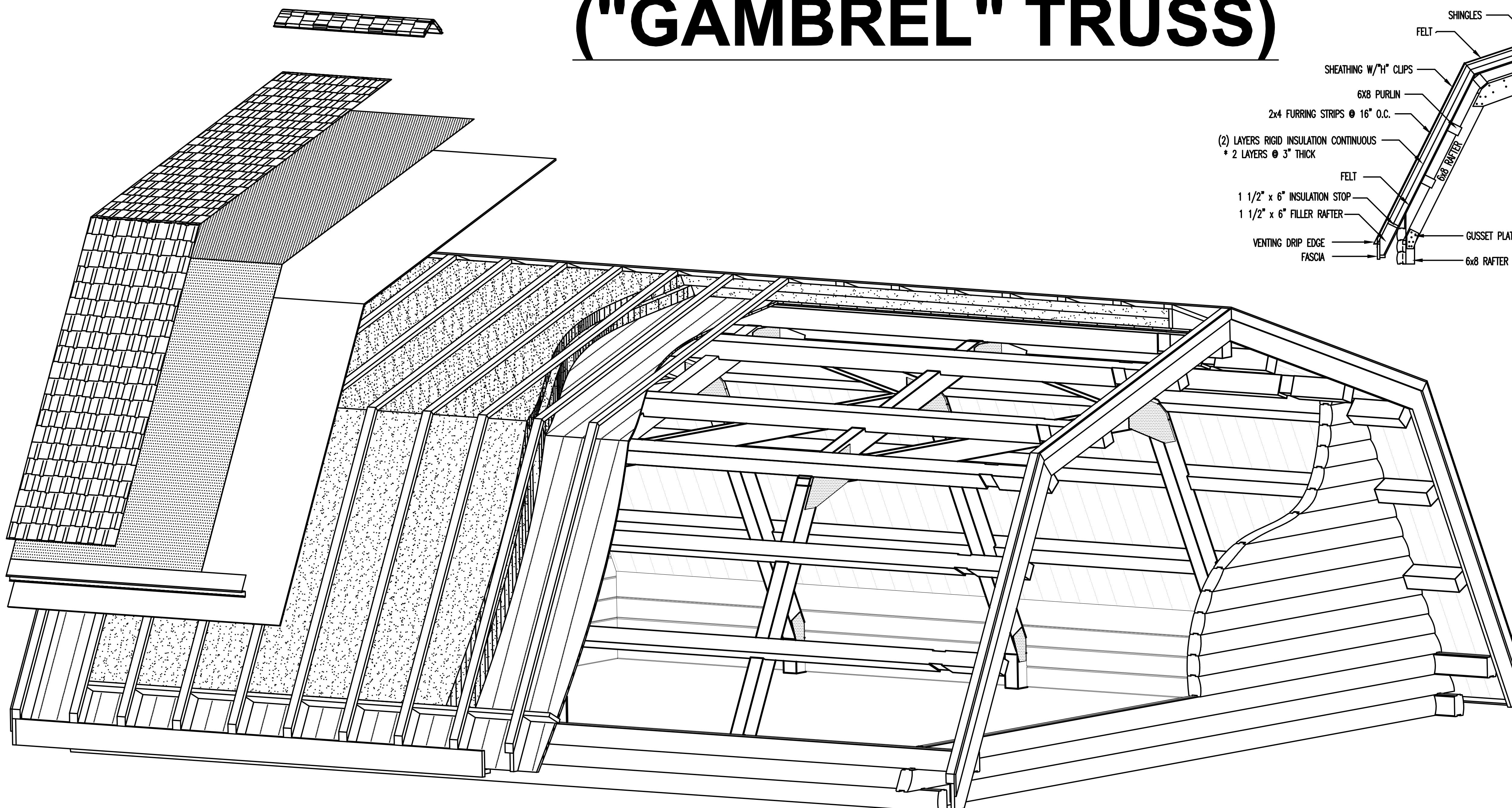


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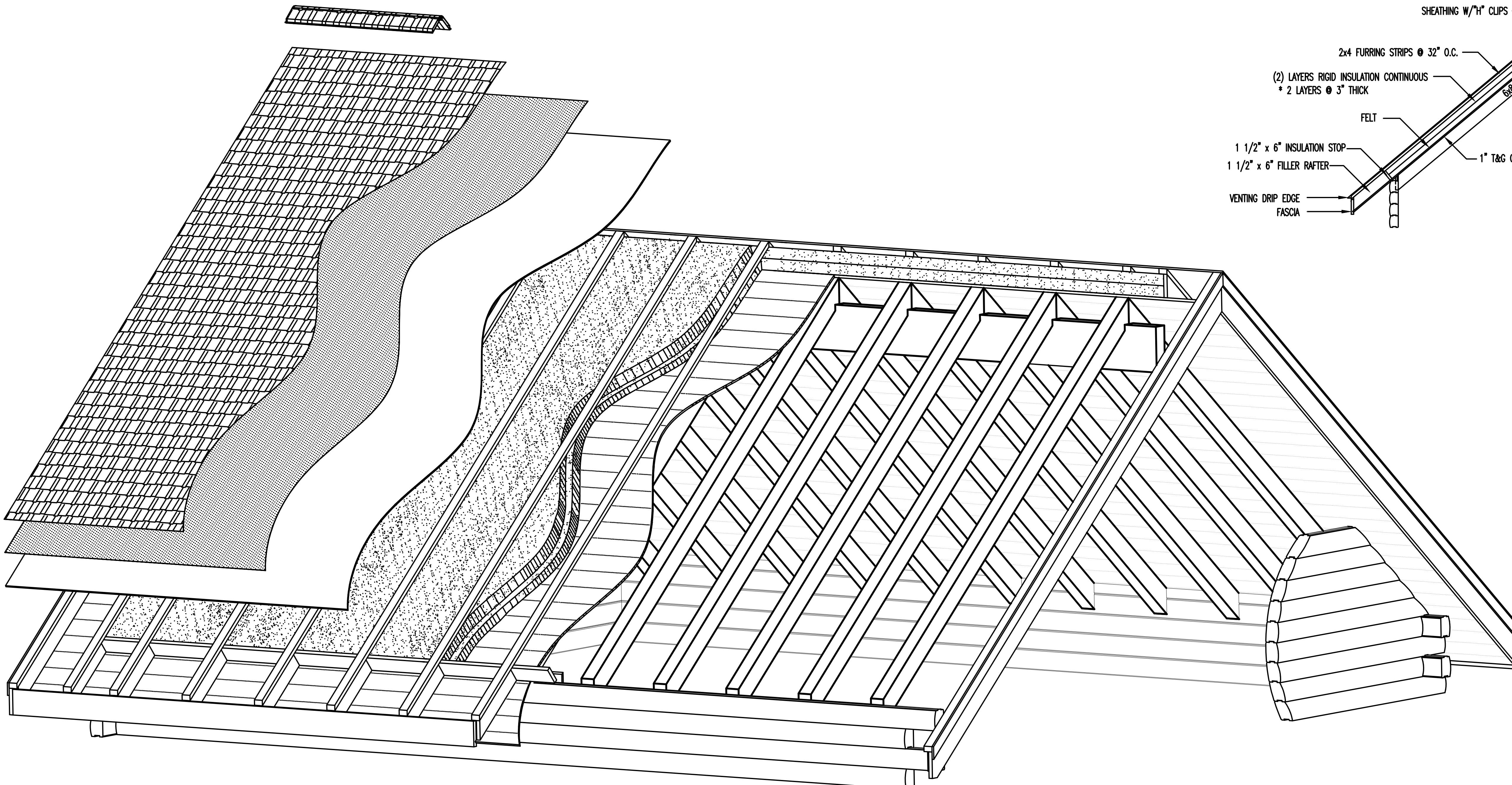


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6x8 RAFTER ROOF

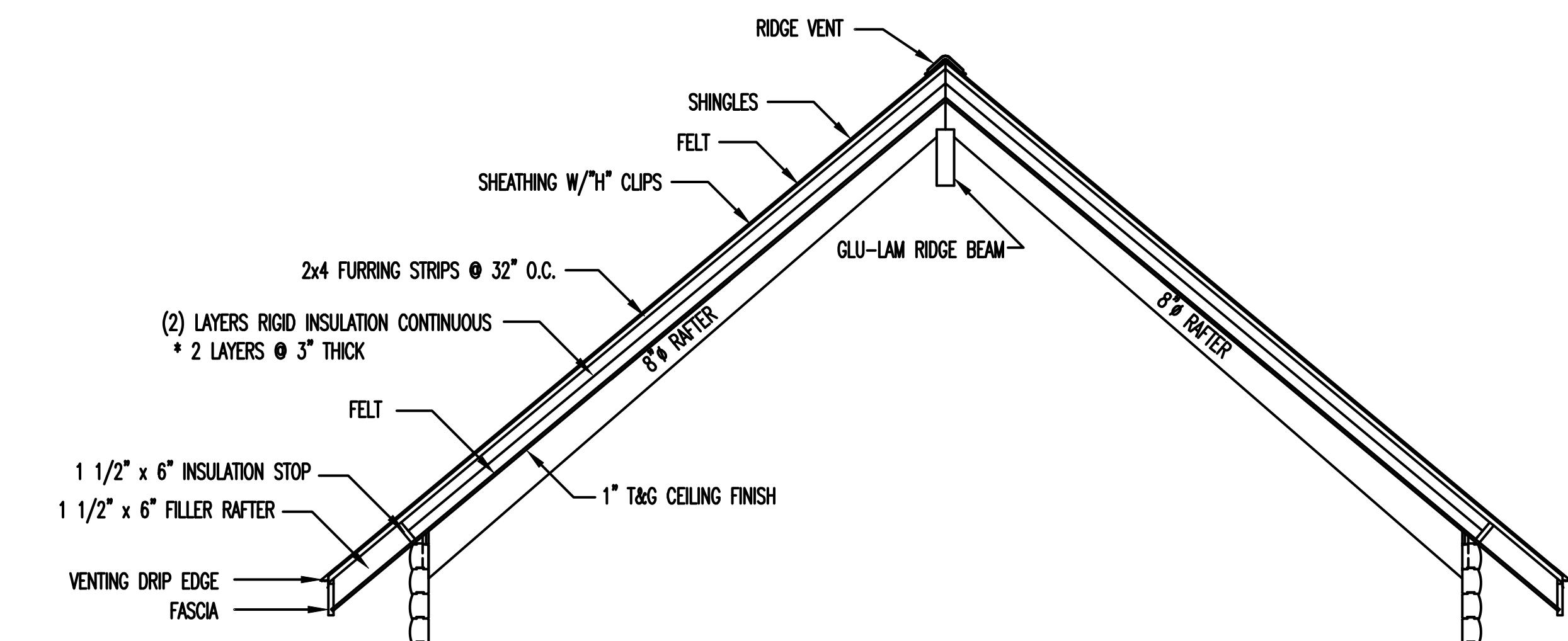
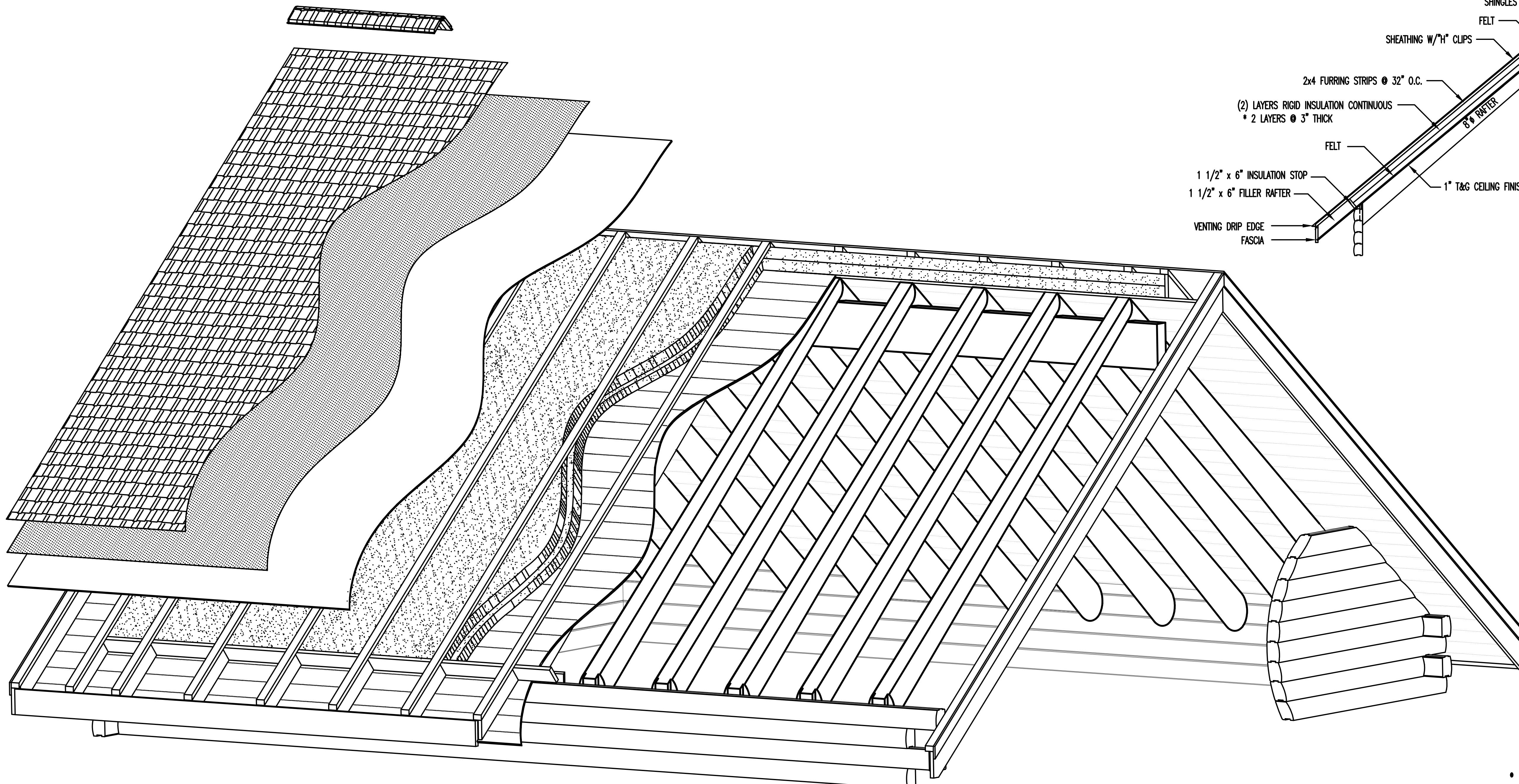


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8"Ø RAFTER ROOF



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- T&G CEILING FINISH INSTALLED PERPENDICULAR TO THE RAFTERS.
- RAFTERS SUPPORTING A DORMER WALL MAY BE CHANGED TO A LARGER TIMBER PER ENGINEERING REQUIREMENT.
- THE EXISTENCE OF A SECOND FLOOR WILL REQUIRE A MINIMUM OF 15 LOG/SIDING COURSES TO SQUARE.