

INSULATION & FENESTRATION REQUIREMENTS				
CLIMATE ZONE	FENESTRATION FACTOR	FENESTRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE
2	0.40 (MAX)	0.25 (MAX)	49 (MIN)	13 (MIN)

Asphalt Shingles:
 For roof slopes of 4:12 or greater, 1 layer of 15 LB felt
 For roof slopes from 2:12 to 4:12, 2 layers of 15 LB felt
 For roof slopes under 2:12, asphalt shingles are not allowed
 (Section R905.2.2)

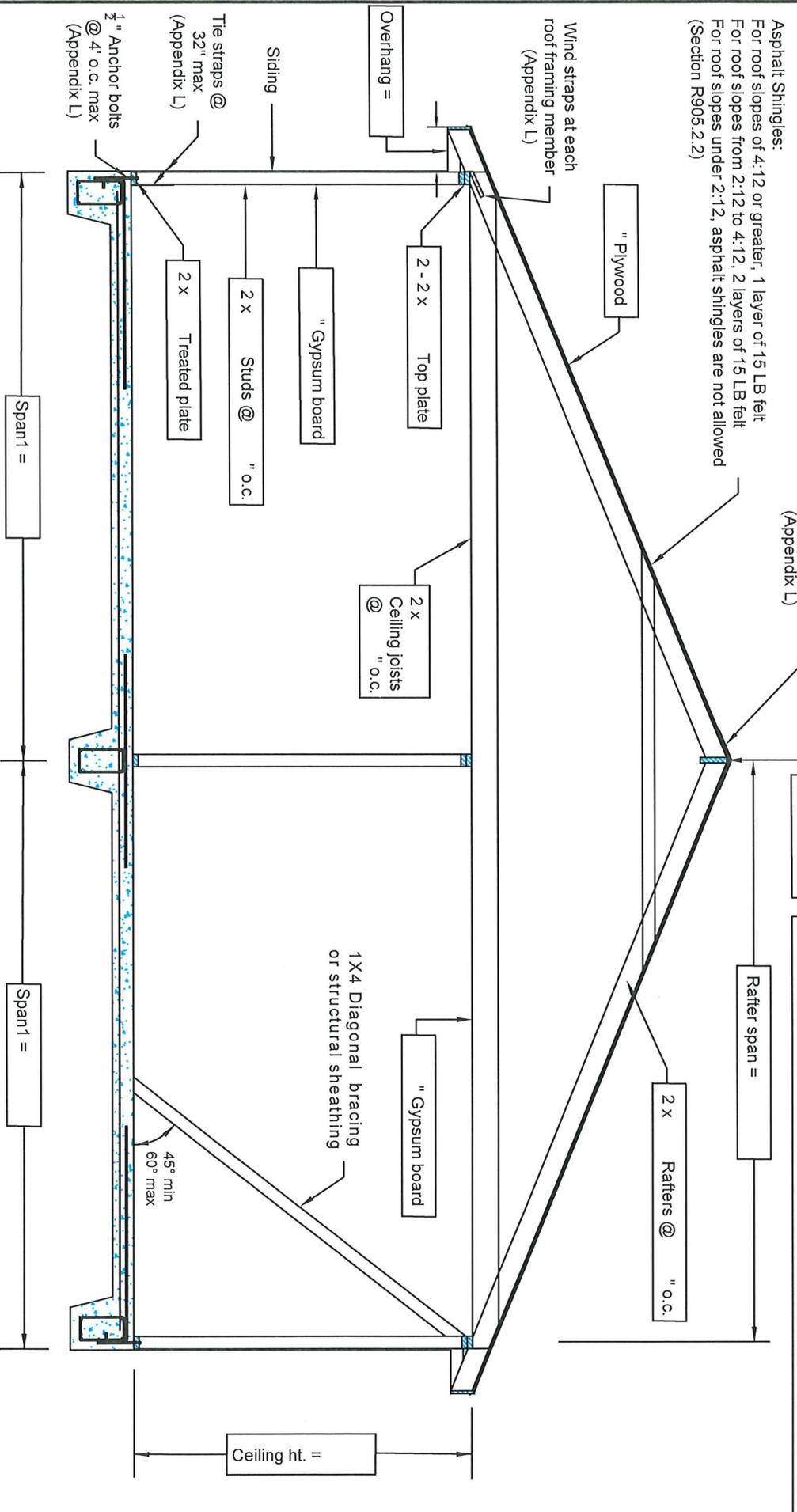
Tie straps @ 32" max
 (Appendix L)

2 x Ridge

Rafter span =

2 x Rafter @ " o.c.

- NOTES:
1. Install wind strapping to provide continuous ties from the roof ridge to the foundation system as per appendix L of the City of Houston Residential Code
 2. A continuous air barrier shall be installed in the building envelope, per IECC-Table R402.4.1.1
 3. Blower door testing and duct testing will be required per IECC-sections R402.4.1.2 and R403.3.3
 4. This section does not apply for walls closer than 5 feet to property line



STANDARD DRAWING
CITY OF HOUSTON
 HOUSTON PUBLIC WORKS
 BUILDING CODE ENFORCEMENT

RESIDENTIAL FRAMING CROSS-SECTION TEMPLATE
 1002 WASHINGTON AVE., HOUSTON, TEXAS 77002

APPROVED BY: [Signature]
 BUILDING OFFICIAL
 DATE: 5/16/2024
 DWG NO: 24-05-R
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