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GABLE END BRACING

SCALE: N.T.S.

RAFTER/CEILING JOIST (C.J.) SCHEDULE

MEMBER	SPAN	SIZE
CEILING JOIST (C.J.) @ 16" o.c.	0 - 12'-0"	2x6"
	12'-1" - 15'-0"	2x8"
	15'-1" - 18'-6"	2x10"
RAFTER @ 16" o.c.	0 - 12'-0"	2x6"
	12'-1" - 15'-0"	2x8"
	15'-1" - 18'-6"	2x10"
	18'-7" - 20'-6"	2x12"

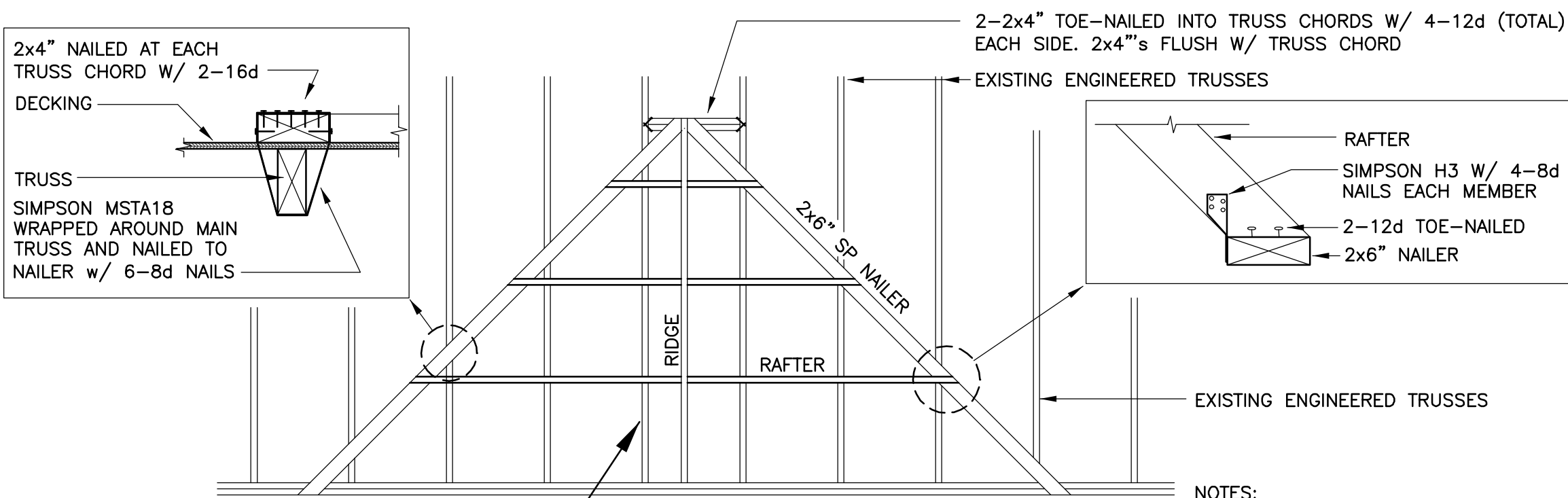
- NOTES:
- ALL FRAMING MEMBERS ARE SOUTHERN PINE, No. 2 GRADE or BETTER UNLESS NOTED OTHERWISE
 - CEILING JOISTS ARE DESIGN FOR A LIMITED LIVE LOAD = 20 psf MAX.
 - DESIGNED FOR DEFLECTION CRITERIA: L/Delta = 240, MULTIPLY TABLE SPANS BY 0.75 FOR L/Delta = 360 CRITERIA.

HIP & RIDGE/VALLEY MEMBER SCHEDULE

MEMBER	SPAN	SIZE
HIP & RIDGE	0 - 8'-0"	1-2x12" SP, No. 2
	8'-1" - 16'-0"	1 3/4 x 11 7/8" LVL
	16'-1" - 22'-10"	1 3/4 x 11 7/8" LVL
VALLEY	0 - 8'-0"	1-2x12" SP, No. 2
	8'-1" - 13'-0"	1 3/4 x 11 7/8" LVL
	13'-1" - 15'-0"	1 3/4 x 11 7/8" LVL

SEE NOTE BELOW

- NOTES:
- MINIMUM HIP/VALLEY/RIDGE DEPTH MAY BE GOVERNED BY RAFTER DEPTH. I.e. HIP/VALLEY AND RIDGE BEAMS SHALL BE 2" NOMINALLY DEEPER THAN RAFTERS THEY SUPPORT
 - "SPAN" = DISTANCE BETWEEN SUPPORTS INCLUDING "KICKERS"



REQUIRED ROOF DECKING (SEE STRUCTURAL NOTES S1.1) REQUIRED UNDER ALL OVERFRAMED ROOF MEMBERS AT SITE-BUILT, OVERFRAMED ROOFS (PER DETAIL 3/A5.1)

- NOTES:
- USE SOUTHERN PINE NO. 2 GRADE
 - RAFTERS SHALL BEAR SOLIDLY ACROSS 2x6" FLAT NAILER
 - RAFTERS EXCEEDING 9'-0" SPANS:
 - USE 2x4" COLLAR TIES NAILED INTO RAFTERS EACH END W/ 3-16d (COLLARS APPLIED 16" TO 32" BELOW RIDGE)
 - RAFTER TO RAFTER STRAP ACROSS RIDGE BOARD: USE SIMPSON MSTA24 W/ 18-10d NAILS EACH PLACE STRAP AT 48" o.c.

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OVERFRAME ROOF FRAMING DETAIL

SCALE: 3/8" = 1'-0"