











ROOF FRAMING CONNECTION TO BEAMS
WHERE LVL IS BE INSTALLED IN PLANE, PROVIDE SIMPSON STRONG TIE LRU28Z RAFTER HANGERS EA. RAFTER TO LVL. EACH END OF LVL TO BE SECURED TO SUPPORTING CONSTRUCTION WITH SST LSTA15 OR EQUIVALENT STRAP W/ 1100 LBS. CAPACITY. STRAPPING SHALL BE REQUIRED AT ALL NON-CONT. MEMBERS BETWEEN BEAM & TOP OF FLOOR CEILING JOIST/ATTIC LOADS

CEILING JOIST ALLOWABLE SPANS ARE BASED
ON IRC TABLE R802.4(1) FOR UNHABITABLE
ATTICS WITH NO STORAGE UTILIZING L.L. = 10
PSF AND D.L. = 5 PSF TIE DOWN REQUIREMENTS (R802.11)
FOR RAFTER SPANS OVER 20'-0" INTERPOLATING TABLE 802.11 PROVIDE
RATER TIE-DOWNS CAPABLE OF RESISTING OVER 226 POUNDS AT EACH RAFTER CEILING JOISTS AND RAFTERS SHALL BE TED TO ONE ANOTHER PER TABLES R602.3(1)
CEILING JOISTS AND RAFTERS SHALL BE TED TO ONE ANOTHER PER TABLES R602.3(1)
AND R802.5.1(9) AND THE ASSEMBLY SHALL BE NAILED TO THE TOP PLATE PER R602.3(1)
CEILING JOIST NOT PARALLEL TO RAFTERS USE SUBFLOORING OR METAL STRAPS ATTTACHED
TO END OF THE RAFTERS TO PROVIDE A CONT. TIE ACROSS THE STRUCTURE PER TABLE R802.5.1(2) THE MAX RAFTER SPAN FOR D.F.L. 2×6 RAFTERS #2 GRADE = 14'-1" AND IS THE BASIS OF DESIGN FOR PURLIN PLACEMENT RAFTER/CEILING JOIST HEEL CONNECTIONS
PROVIDE (5) 16D NAILS AT EACH HEEL JOINT (RAFTER-JOIST, RAFTER-TIE) CONNECTION.
ALSO DENOTED IN DETAIL FOR TYP. ROOF/RAFTER FRAMING. THIS MEETS/EXCEEDS TABLE 802.5.1(9) FOR ROOF SPANS UP TO 28'-0" MAX. 9/12 PITCH AND RAFTERS 16" O.C. ALL RIDGE BEAMS TO BE 2 \times 12 OR (2) 2 \times 10 RAFTER TIES/COLLARS REQUIRED AT ALL LOCATIONS

DATE: 11-22-2019
E1C PROJECT #: ____
CLIENT: _____ SUBDIVISION #: .

EAGLE 1 CONSTRUCTION GRAIN VALLEY. MISSOURI

