



- STRUCTURAL STEEL NOTES**
1. THE STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH CURRENT AISC SPECIFICATIONS.
 2. THE STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A36 UNLESS OTHERWISE NOTED. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B. STRUCTURAL PIPE SHALL CONFORM TO ASTM 501 OR ASTM A53, GRADE B.
 3. ALL BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A325 UNLESS OTHERWISE NOTED. BOLTS SHALL BE 3/4 INCH DIAMETER UNLESS NOTED.
 4. BEAM CONNECTIONS SHALL BE DESIGNED TO SUPPORT THE AISC MINIMUM SHEAR OF ONE HALF THE TOTAL ALLOWABLE UNIFORM LOAD FOR LATERALLY SUPPORTED MEMBERS.
 5. ALL FIELD CONNECTIONS OTHER THAN THOSE FOR STEEL JOISTS SHALL BE BOLTED. SHOP CONNECTIONS SHALL BE BOLTED OR WELDED.
 6. WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY SPECIFICATION D1.0, LATEST EDITION. ALL WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH SAID CODE.
 7. BOTTOM OF ALL COLUMNS SHALL BE MILLED FOR FULL BEARING.
 8. ONE SHOP PRIME COAT SHALL BE APPLIED TO ALL STRUCTURAL STEEL MEMBERS.
 9. CONTRACTOR SHALL SUBMIT (4) SETS OF SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
 10. OPEN WEB STEEL JOISTS HAVE BEEN DESIGNED AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND LOAD TABLES OF THE STEEL JOIST INSTITUTE. ALL PANEL POINTS SHALL BE ALIGNED.
 11. METAL DECK SHALL BE AS DETAILED ON THE DRAWINGS AND SHALL BE WELDED TO THE SUPPORTS WITH 3/4 INCH ROUND FUSION WELDS, 12" ON CENTER. SIDE JOINTS SHALL BE MECHANICALLY FASTENED TOGETHER AT 3'-0" ON CENTER MAXIMUM.
 12. ALL TIE-IN DIMENSIONS TO EXISTING STRUCTURES SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.

- GLUED LAMINATED TIMBER NOTES**
1. TIMBER FABRICATION AND ERECTION SHALL CONFORM TO CURRENT AITC SPECIFICATIONS.
 2. ALL GLUED LAMINATED TIMBER TO BE VISUALLY GRADED SOUTHERN PINE, COMBINATION SYMBOL 24F-V3 WITH THE FOLLOWING ALLOWABLE STRESSES: F_b = 2400 PSI, F_v = 200 PSI, F_t = 1150 PSI, F_c = 1700 PSI, F_{o1} = 650 PSI.
 3. ALL BOLTS TO BE 3/4" DIAMETER AND SHALL BE PROVIDED WITH HEAVY HEX NUTS. ALL FASTENER MATERIAL SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATION A307.
 4. CONTRACTOR SHALL SUBMIT (4) SETS OF SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

ROOF SUB-FRAMING PLAN
SCALE: 1/8" = 1'-0"

ROOF	MAIN FLOOR	ATTIC FLOOR
GROUND SNOW = 50 PSF EXPOSURE FACTOR = 0.8 IMPORTANCE FACTOR = 1.0 FLAT ROOF SNOW = 40 PSF SLATE ROOFING = 10 PLYG. = 2 TRUSSES = 5 CELLG/MISC = 5 PSF TOTAL = 120 PSF VALLEY SETS ADD 5 PSF	LIVE LOAD = 100 PSF 2" SLAB ON DECK = 30 PSF JOISTS + ACCESS = 30 PSF MISC./MECH = 5 PSF FLOORING = 12 PSF TOTAL = 180 PSF MASONRY PARTITIONS 0" CMU = 40 PSF 0" CMU = 30 PSF TOTAL = 250 PSF (PER VERTICAL FT.)	LIVE LOAD = 50 PSF 3" PLYG. = 3 TJI JOISTS = 4 SWO CELLG = 3 TOTAL = 100 PSF

