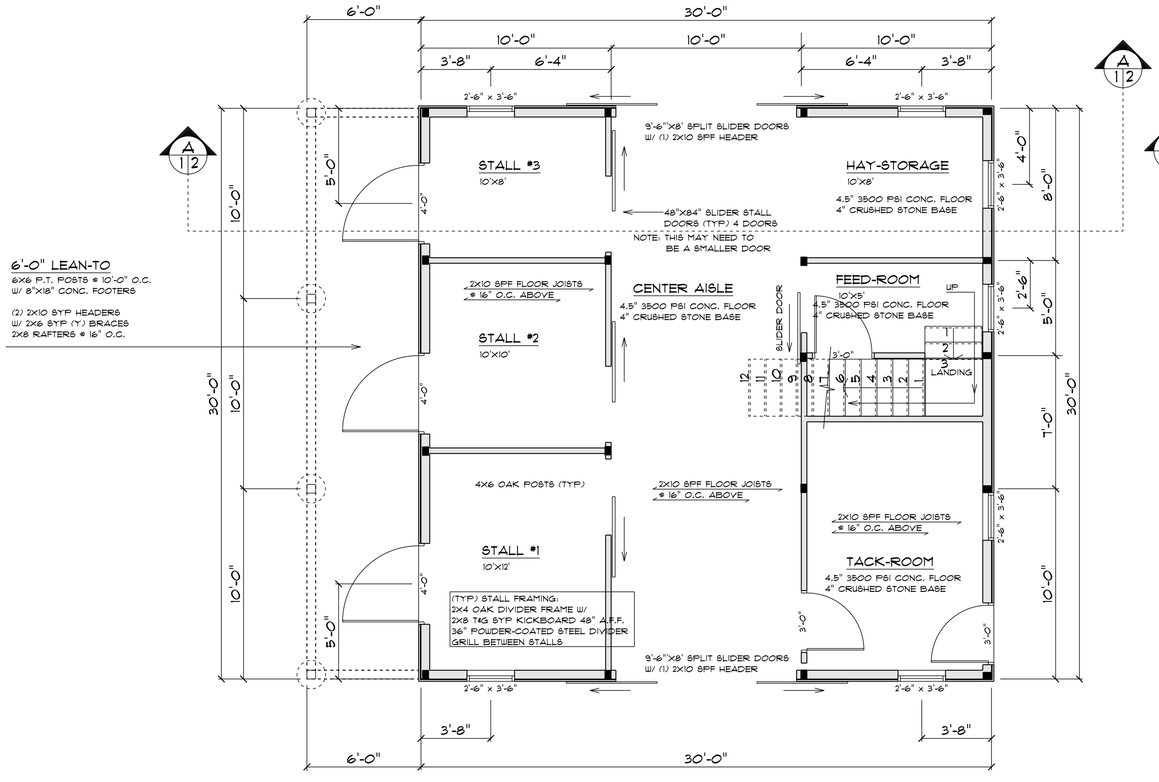
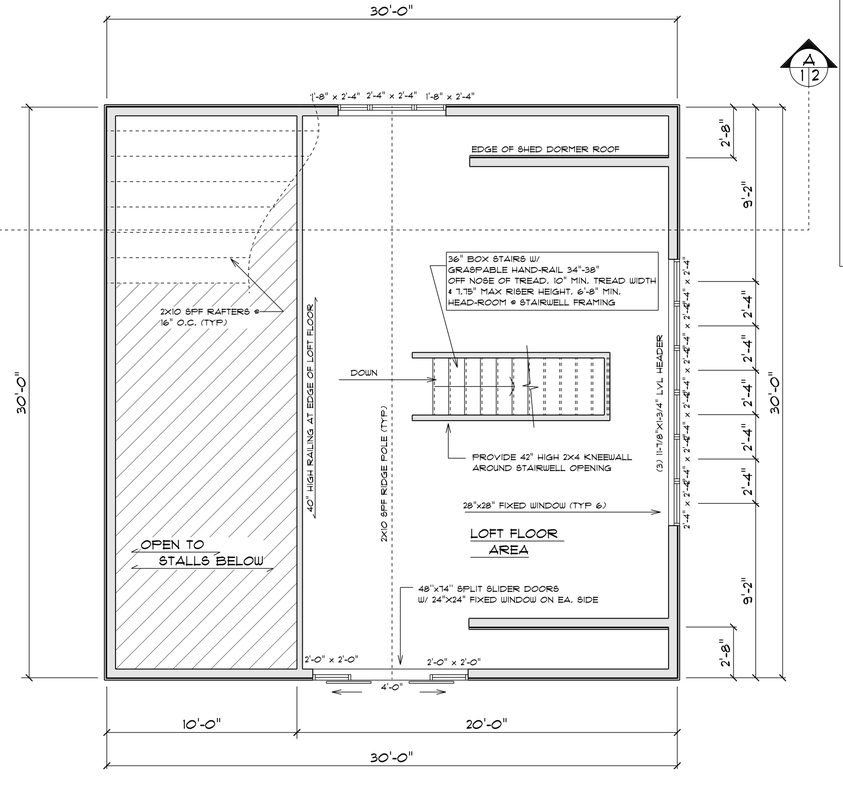
MUMAU BARN



MAIN FLOOR

SCALE: 1/4" = 1'-0"



LOFT FLOOR PLAN

SCALE: 1/4" = 1'-0"

WOOD ROOF TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED, FABRICATED AND ERECTED TO MEET PITCH & DIMS SHOWN ON THE DWGS. AND TO MEET DESIGN LOADING REQTS FOR THIS LOCATION. TRUSSES SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION ANSI/TPI 1 NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSSES, AND SHALL INCORPORATE ALL APPLICABLE LOADING COMBINATIONS, INCL. MIN. REQUIRED BOTTOM CHORD LOADING AS SET FORTH IN APPLICABLE IBC CODE. MAX. TRUSS DEFLECTION UNDER ROOF LIVE LOAD TO BE LESS THAN L/360. CONTRACTOR SHALL SUBMIT FOR REVIEW TO ARCHITECT THE TRUSS DESIGN CALCULATIONS AND DRAWINGS SIGNED AND SEALED BY LICENSED ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.
2. TRUSSES SHALL BE DESIGNED TO ACCOMODATE DRIFT LOADS & EQUIP. WEIGHTS IN ADDITION TO UNIFORM ROOF DEAD AND LIVE LOADS.
3. LUMBER USED FOR CHORDS AND WEBS SHALL BE A MINIMUM 2 IN. NOM. WIDTH SURFACED FOUR SIDES W/ MOISTURE CONTENT NOT EXCEEDING 19%. LUMBER SHALL BE GRADE STAMPED WITH THE APPROPRIATE WJPA OR SPIB STAMP INDICATING COMPLIANCE WITH PS-20 LUMBER DEFECTS OCCURING IN THE CONNECTOR PLATE AREA.
4. GALVANIZED STEEL CONNECTOR PLATES SHALL BE FABRICATED FROM MIN. 0.036 INCH THICK STEEL SHEET CONFORMING TO ASTM A446 GRADE A # ASTM A309, G60. PLATES SHALL SECURELY FASTEN EA. JOINT ON BOTH FACES OF TRUSS IN ACCORDANCE WITH ACCEPTED TI STANDARDS & PROCEDURES AND BE CAPABLE OF TRANSFERRING THE FULL MEMBER CAPACITIES.
5. SECURELY BRACE TRUSSES DURING ERECTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE TRUSS PLATE INSTITUTE. ERECTION BRACING SHALL HOLD TRUSSES STRAIGHT AND PLUMB UNTIL DECKING & PERMANENT BRACING ARE INSTALLED. INSTALL PERMENANT BRACING AS REQ'D BY DESIGN PRIOR TO APPLICATION OF LOAD. PERMANENT BRACING SHOWN ON ARCH. DWGS. IS MIN. REQ'D -- PROVIDE ADDITIONAL PER TRUSS MFR. DESIGN.
6. SECURE TRUSSES TO THE SUPPORTING STRUCTURE WITH GALVANIZED FRAMING ANCHORS. ANCHORS IN CONTACT WITH P.T. LUMBER SHALL HAVE G90 GALVANIZATION. CONNECTIONS MUST RESIST ALL DESIGN LOADS.