

CONSTRUCTION NOTES

ORIGINAL BARN

LOWER FLOOR (LOOSE BOXES, AISLE & EQUIPMENT):
DIRT FLOORS THROUGHOUT.

FOUNDATIONS:
WOOD POSTS GENERALLY SET DIRECTLY INTO GROUND.
CENTRAL ACCESS AISLE: DRY-STACKED ROCK UNDER WOOD SILLS.

LOWER WALLS:

PERIMETER WALLS OF ORIGINAL BARN: WOOD, w/ 5- $\frac{1}{2}$ " \pm SQ.
MILLED POSTS, w/ 3- $\frac{1}{2}$ "x5- $\frac{1}{2}$ " BOTTOM, MID & TOP RAILS, LAID FLAT. TOP RAIL DOUBLED. FINISHED EXTERNALLY w/ MILLED VERTICAL BOARDING, 1" THICK x 7- $\frac{3}{4}$ " TO 12- $\frac{1}{2}$ " WIDE, SET w/ $\frac{1}{2}$ " GAPS.
AISLE SIDE WALLS: WOOD w/ 7"wx8"H SILL, 6"x6" MILLED MAIN POSTS & 4"x4" SECONDARY POSTS. MID-RAIL 4"x6" & TOP-RAIL 4"x6". MILLED VERTICAL BOARDING, 1- $\frac{1}{4}$ " THICK, UP TO APPROX. 4'-6" ABOVE SILL, w/ CLEAR OPENING ABOVE UP TO 5'-10" ABOVE SILL BETWEEN DOORS. ABOVE THAT ARE 1"x2" VERTICAL SLATS @ 4" \pm O.C. EXTENDING APPROX. 1'-10" HIGH FROM DOOR HEAD TO TOP RAIL @ $\frac{1}{8}$ HAYLOFT FLOOR.
DOORS IN AISLE SIDE WALLS: 1- $\frac{1}{4}$ " THICK x 15" MAXIMUM WIDTH VERTICAL MILLED BOARDING w/ 1- $\frac{1}{4}$ " THICK HORIZONTAL LEDGE @ TOP & BOTTOM, & ONE 1- $\frac{1}{4}$ " DIAGONAL BRACE.

UPPER FLOOR TO HAYLOFT:
2"x8" MILLED JOISTS @ GENERALLY 24" O.C., INCREASING TO 3'-6" O.C. @ NORTH END, w/ 1" THICK x 6- $\frac{1}{2}$ " TO 13- $\frac{1}{2}$ " WIDE MILLED FLOOR BOARDS.

UPPER WALLS TO HAYLOFT:

INTERIOR POST & BEAM STRUCTURE ABOVE SIDE WALLS OF FIRST FLOOR AISLE: MILLED LUMBER w/ 4"x6" POSTS SUPPORTING 4"x6" TIES, & 4"x6" PURLINS (LAID FLAT) w/ 2"x4" DIAGONAL BRACES.
EXTERIOR WALLS TO NORTH & SOUTH SIDES: 2"x4" MILLED STUDS @ 18"-26" O.C. w/ 2"x4" SILL & DOUBLE 2"x4" WALL-PLATE @ 5'-3" AFFL. EXTERIOR FINISH: $\frac{3}{4}$ " x 2- $\frac{1}{4}$ " DIAGONAL SLATS @ 3- $\frac{3}{4}$ " \pm O.C.
GABLE END WALLS TO EAST & WEST SIDES: SIMILAR TO NORTH & SOUTH WALLS UP TO WALL-PLATE @ 5'-3" AFFL, w/ 2"x4" STUDS ABOVE EXTENDING UP TO $\frac{1}{8}$ ROOF FINISHED EXTERNALLY w/ $\frac{3}{4}$ " MAX THICKNESS x 4- $\frac{1}{2}$ " WIDE MILLED TAPERED BOARDS, LAPPED HORIZONTALLY @ 4- $\frac{1}{2}$ " \pm O.C.

EXTERIOR FLOOR TO HAYLOFT LOADING PLATFORM:
1- $\frac{1}{2}$ " x 7- $\frac{1}{4}$ " MILLED JOISTS @ 48" O.C. w/ 1- $\frac{1}{2}$ " x 11- $\frac{1}{4}$ " MILLED DECK BOARDS, BUTT-JOINTED.

ROOF:

2"x4" RAFTERS @ 24" O.C. w/ 1"x2" BATTENS @ 7- $\frac{1}{2}$ " \pm O.C. (SOME INFILLED w/ MILLED BOARDS).
EXTERIOR FINISH: 3-V METAL ROOFING.

TOMMY ALLEN BARN, GABRIEL'S CREEK

JOHN ALLEN ROAD, GABRIEL'S CREEK, MARS HILL, NC 28753
MADISON COUNTY - MARS HILL TOWNSHIP

Survey date(s): May 6, 2016; March 3 & April 4, 2017
Surveyed by: Mark Powell & Taylor Barnhill Drawn by: Mark Powell

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drawing no:

5