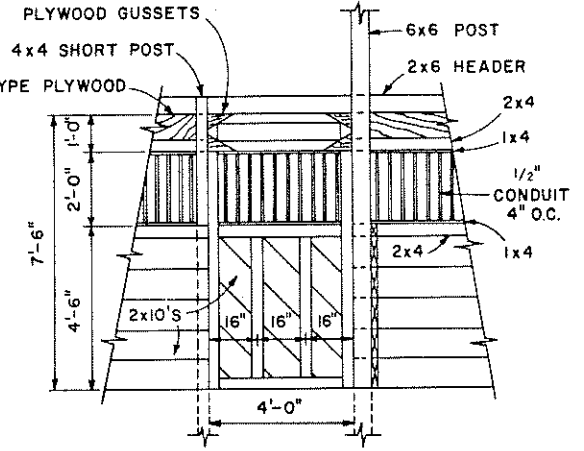
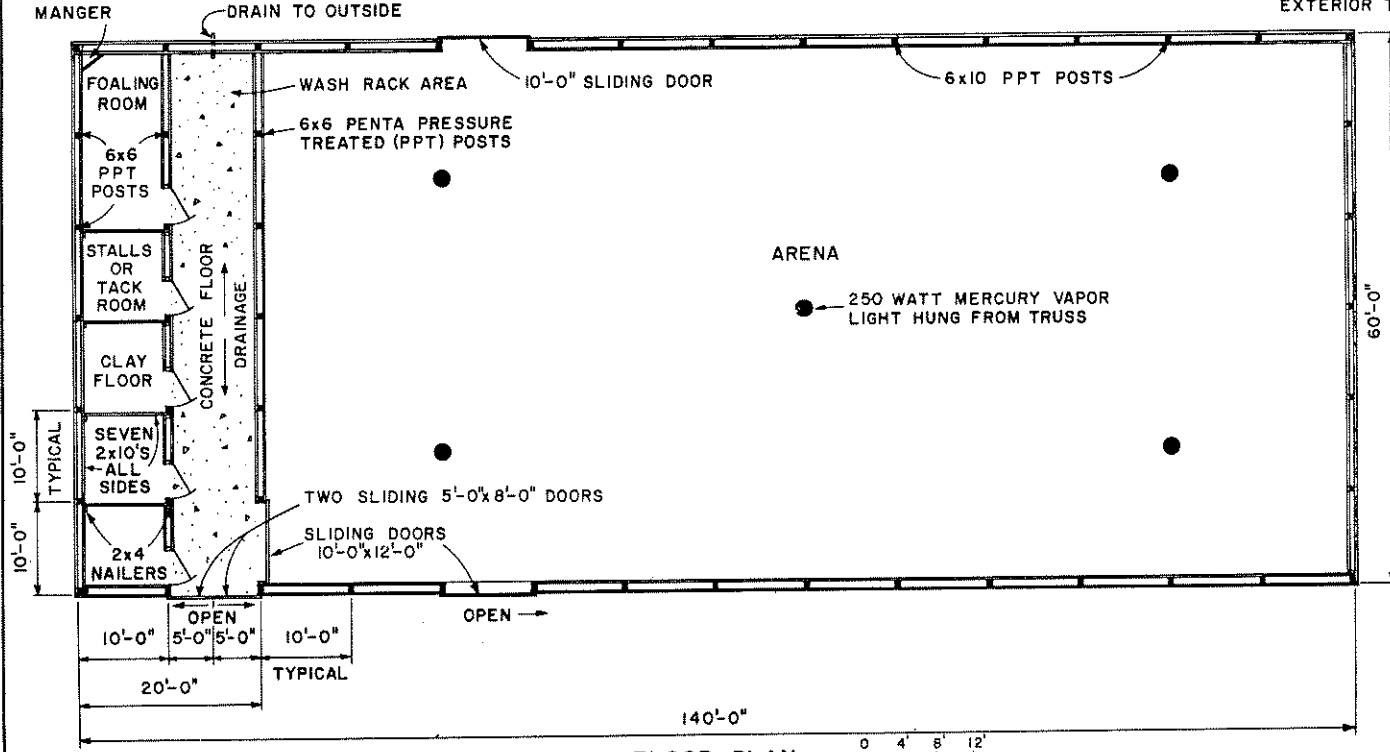


ROOF FRAMING PLAN



STALL DOOR DETAIL



FLOOR PLAN

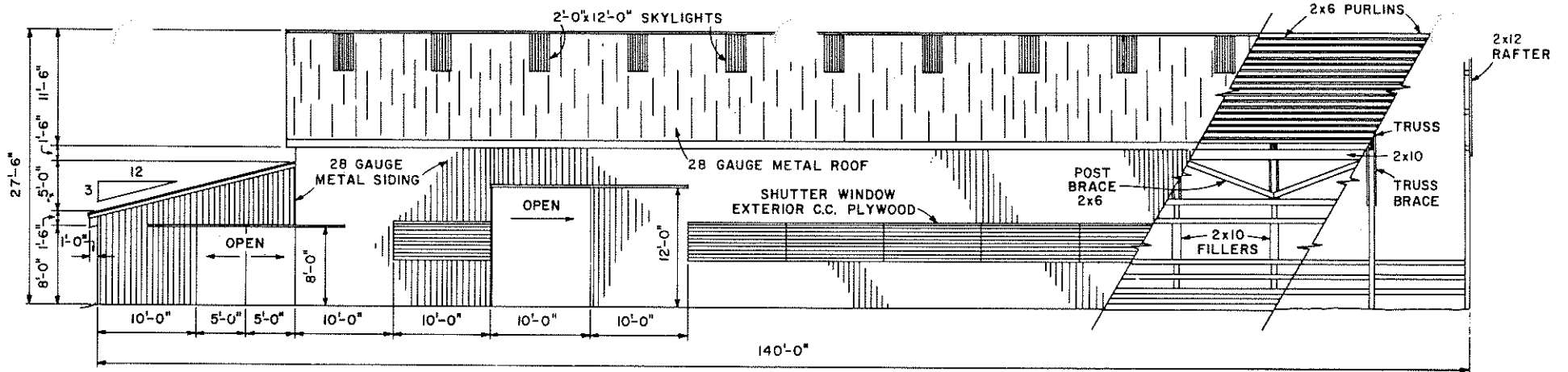
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

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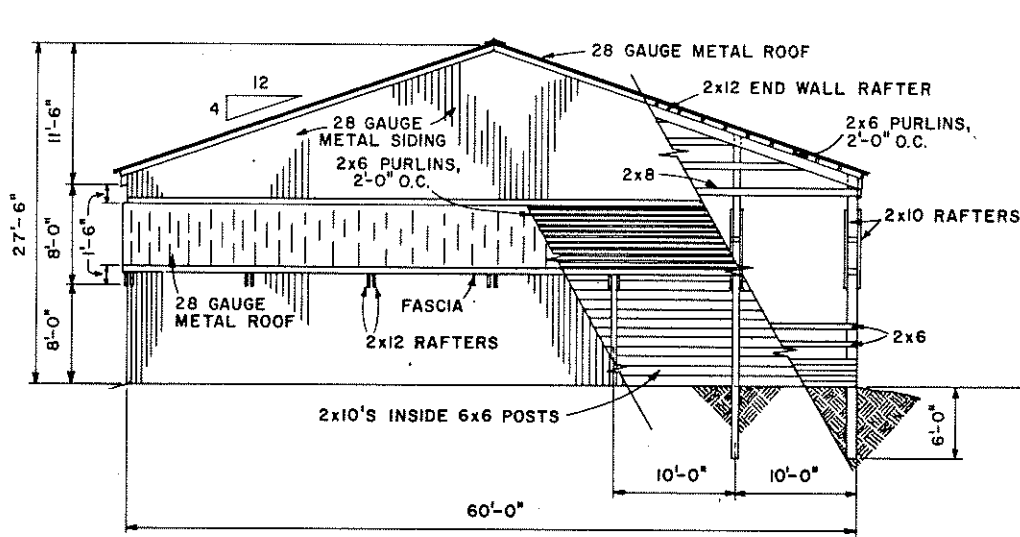
HORSE BARN & ARENA

ID.	'73	6171	SHEET 1 OF 3
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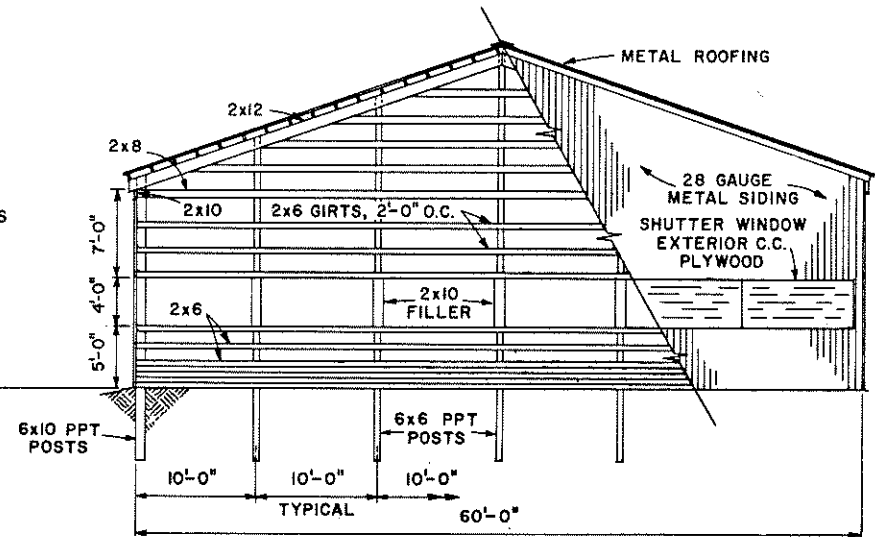
BASED ON: UNIV. OF IDAHO PLAN AE-73-01



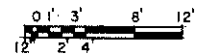
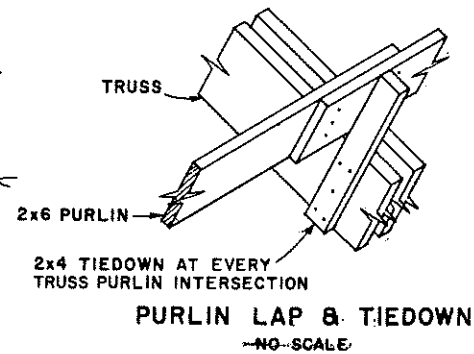
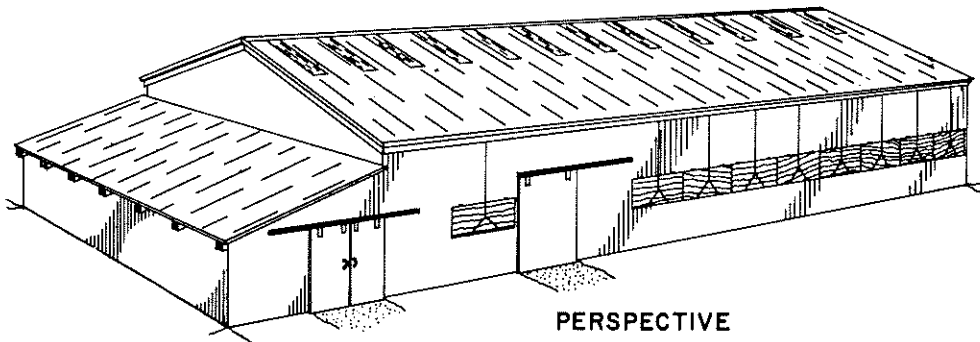
ELEVATION



ELEVATION



ELEVATION

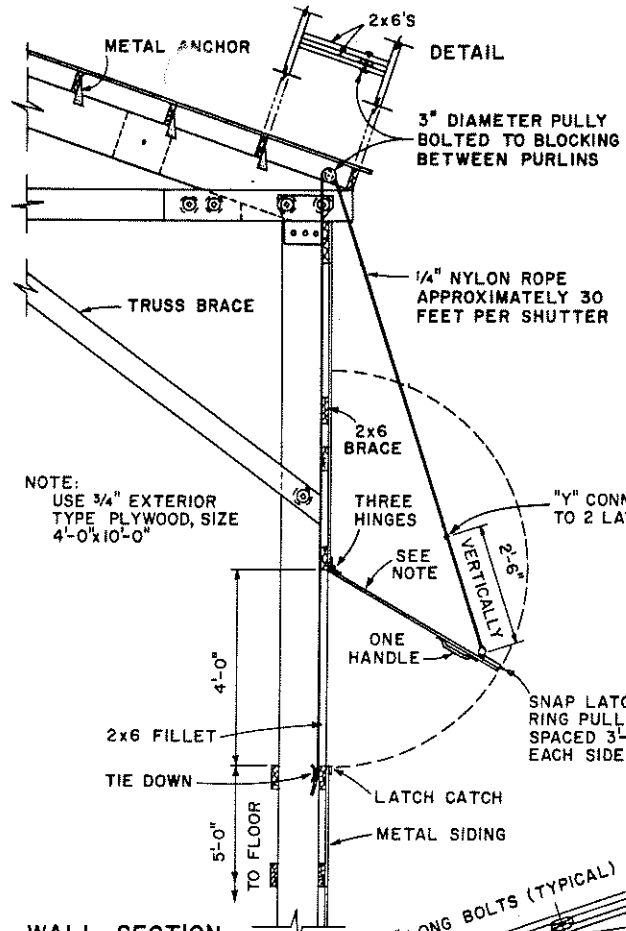


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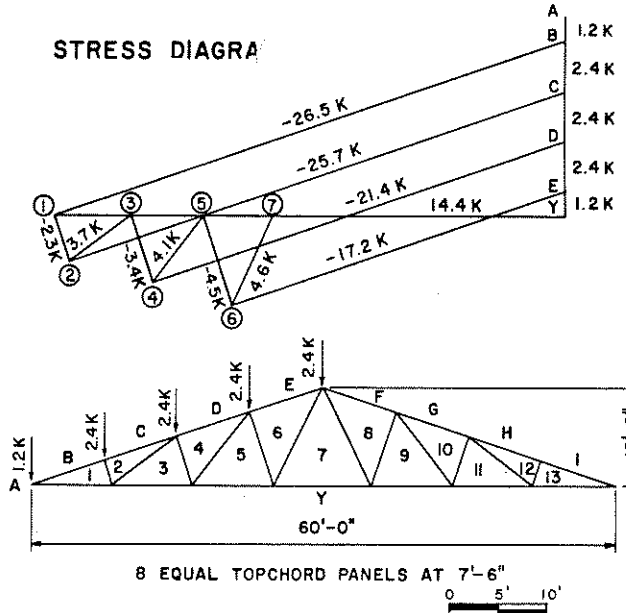
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

HORSE BARN & ARENA

ID. '73 6171 SHEET 2 OF 3

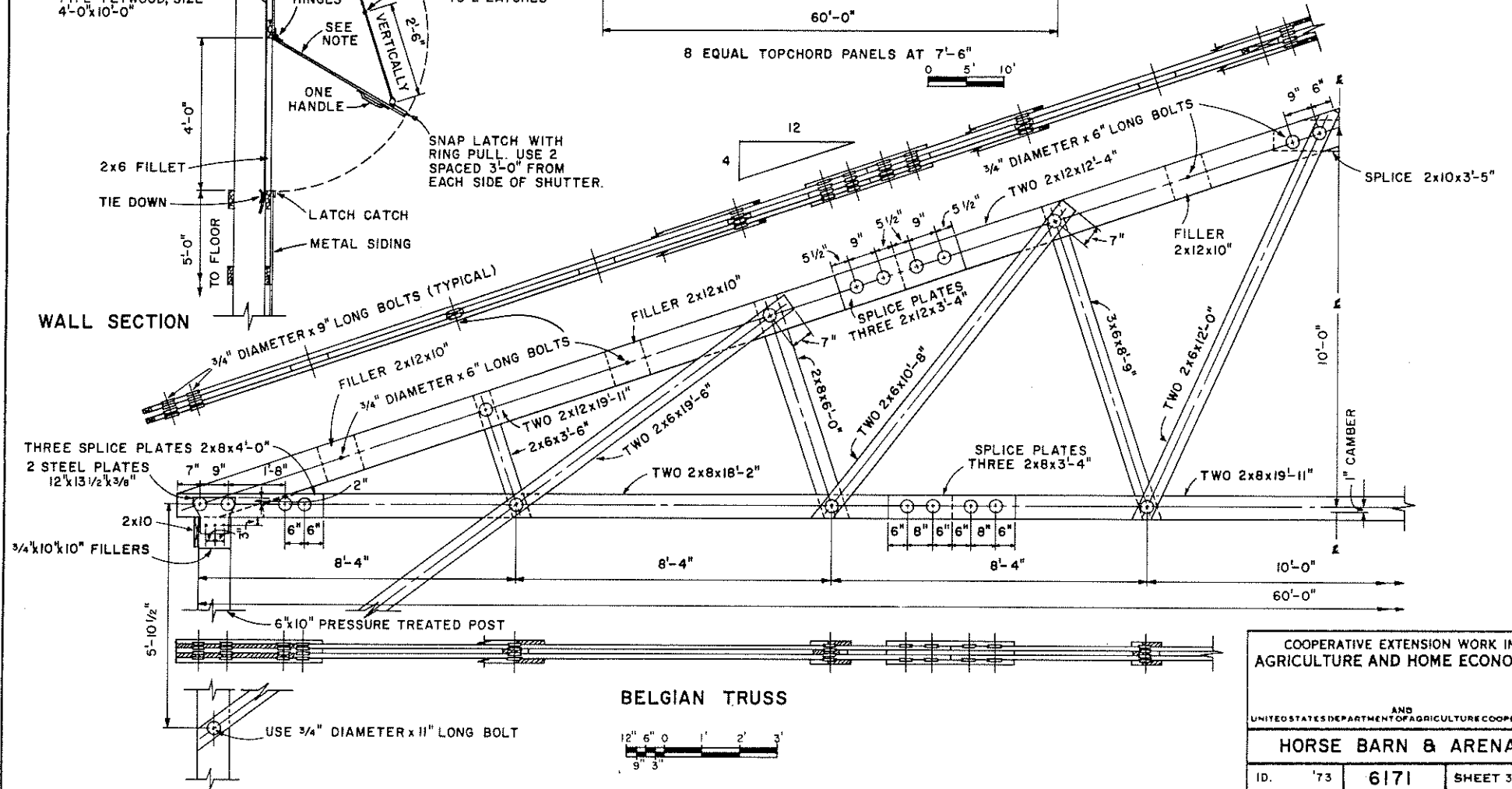


STRESS DIAGRA



- NOTES:**
- TOTAL LOAD, LIVE PLUS DEAD=32 POU² R SQUARE FOOT.
 - TRUSS SPACING 10'-0" O.C.
 - THE PROPER CAMBER MAY BE INTRODUCED BY RAISING THE LOWER CHORD 1 1/2" AT THE CENTER DURING FABRICATION.
 - LUMBER SHALL BE A STRUCTURAL GRADE WITH MINIMUM ALLOWABLE WORKING STRESSES IN POUNDS PER SQUARE INCH AS FOLLOWS:
800 PSI COMPRESSION PARALLEL TO THE GRAIN
1,200 PSI EXTREME FIBER IN BENDING
1,600,000 PSI MODULUS OF ELASTICITY.
 - CONNECTORS:
4" DIAMETER SPLIT RINGS
3/4" DIAMETER x 9 1/2" LONG BOLTS & 3" WASHERS UNLESS OTHERWISE SPECIFIED.

WALL SECTION



BELGIAN TRUSS

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