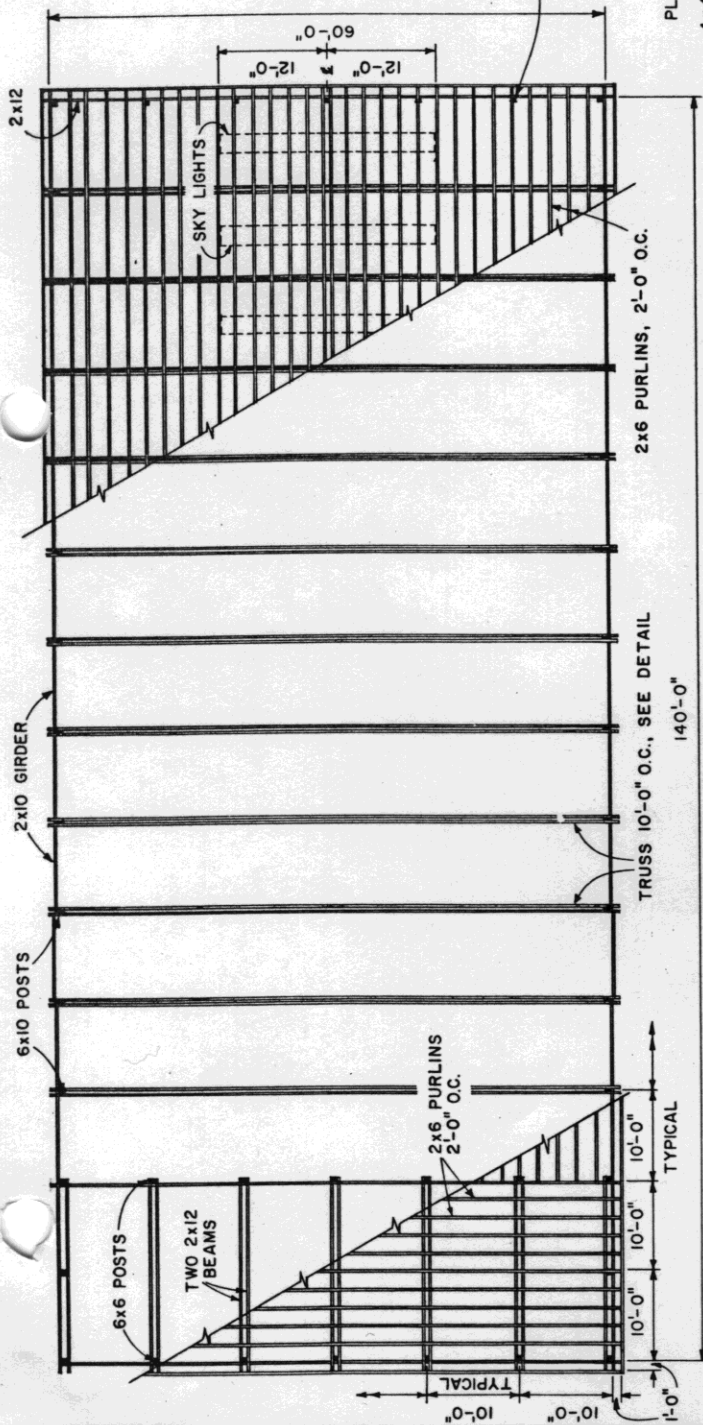
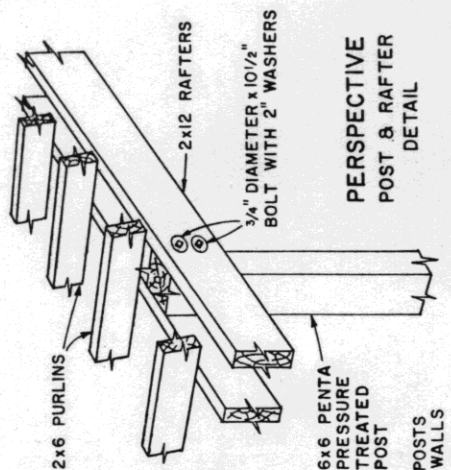
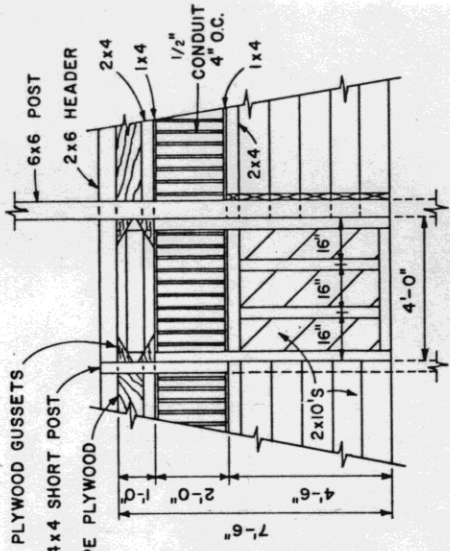




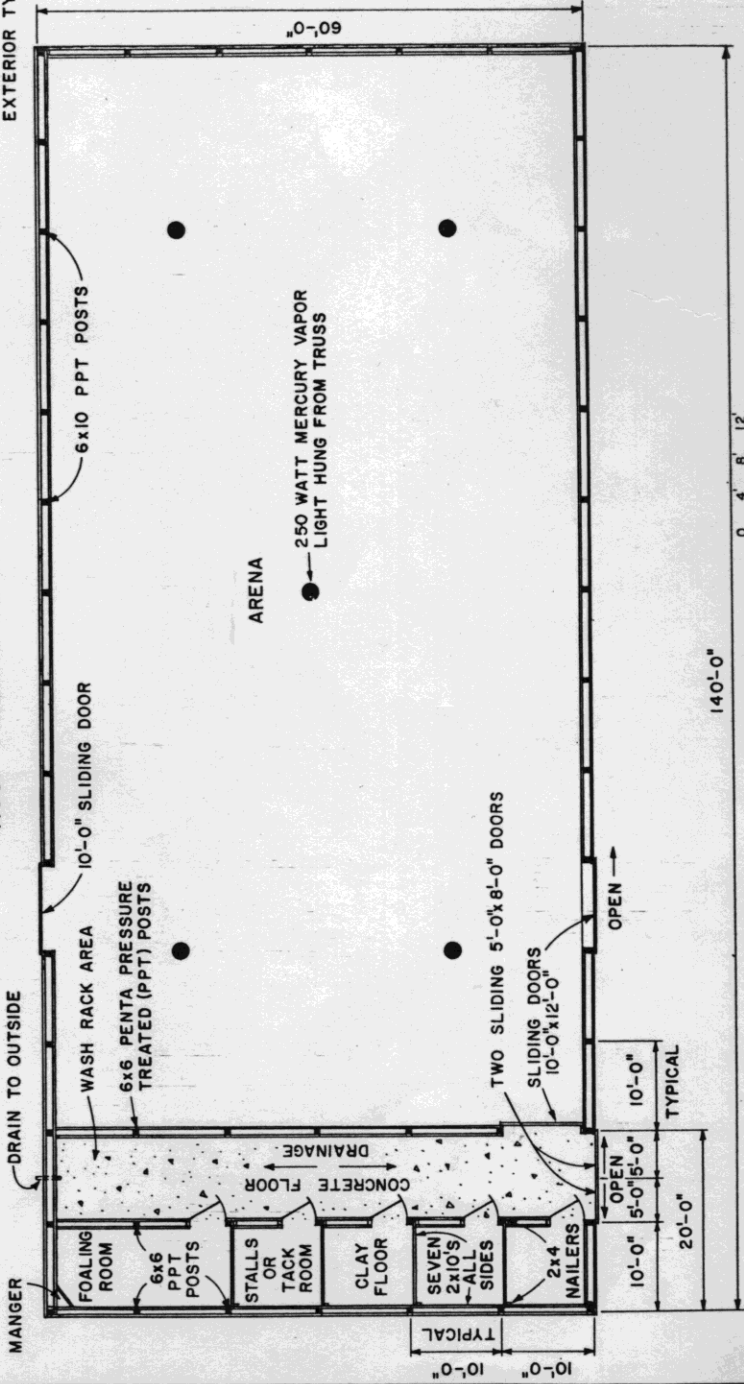
ROOF FRAMING PLAN



PERSPECTIVE POST & RAFTER DETAIL



STALL DOOR DETAIL

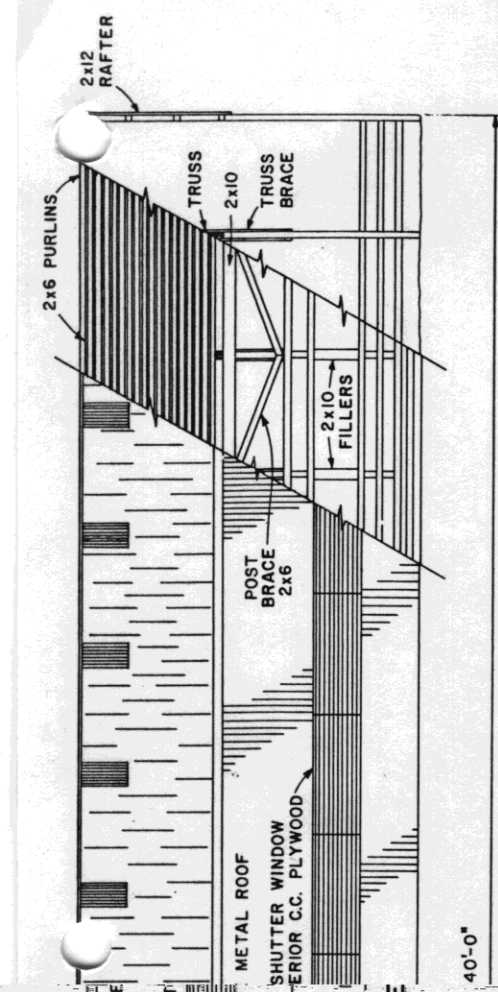


FLOOR PLAN

BASED ON: UNIV. OF IDAHO PLAN AE-73-01

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS			
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING			
HORSE BARN & ARENA			
ID.	'73	6171	SHEET 1 OF 3

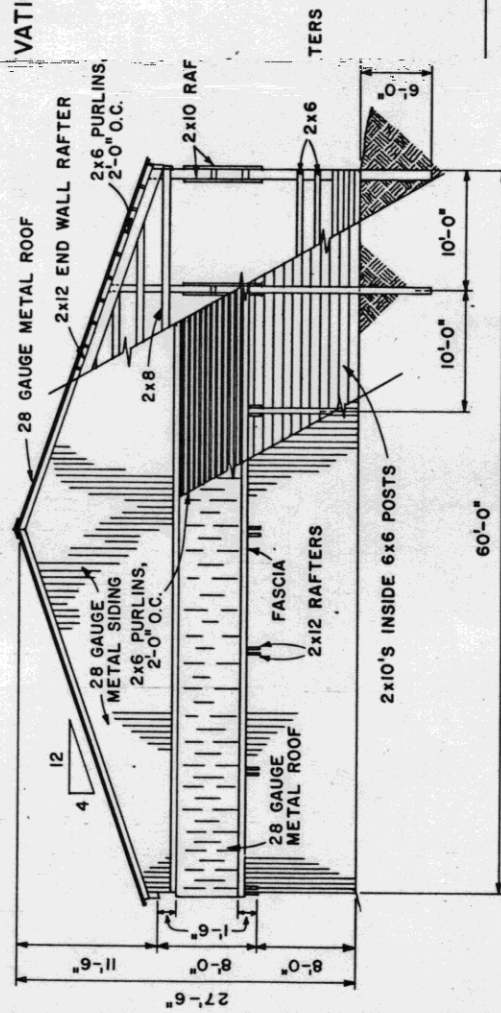
DATE 1/74
CHK BY J.G.
DR BY J.G.



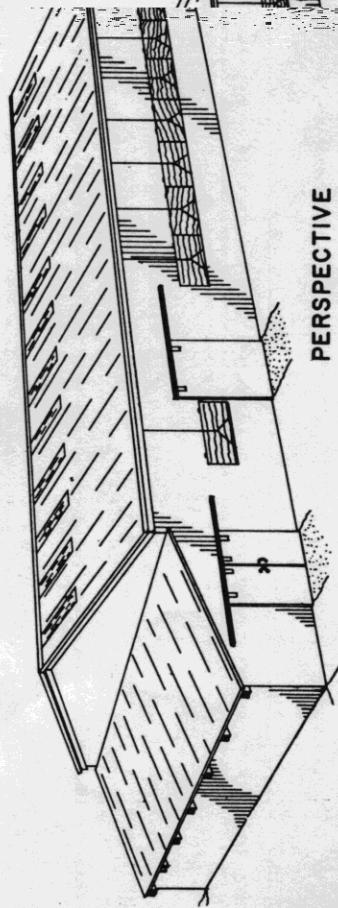
373

40'-0"

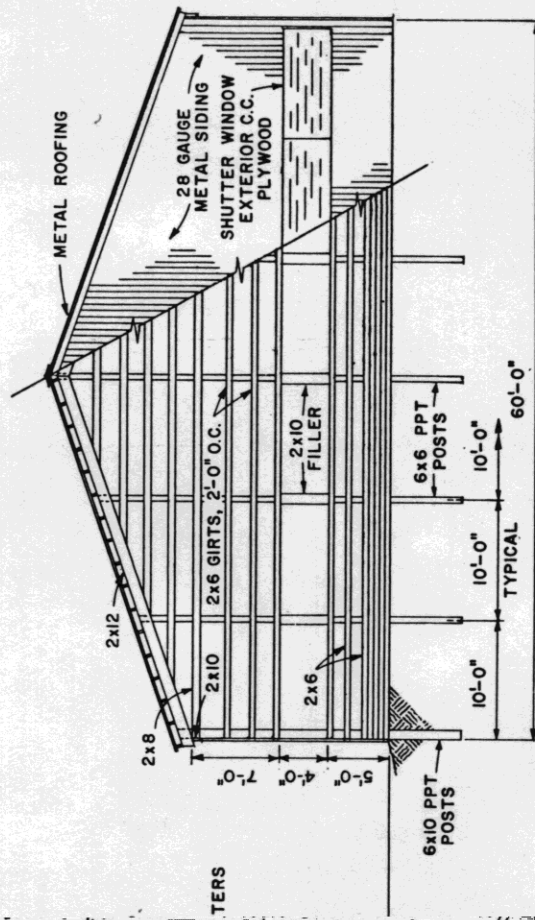
VATION



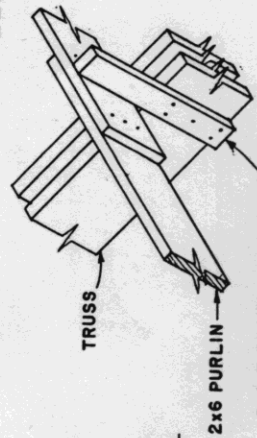
ELEVATION



PERSPECTIVE



ELEVATION



2x4 TIEDOWN AT EVERY TRUSS PURLIN INTERSECTION

PURLIN LAP & TIEDOWN

NO SCALE



**COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS**

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
AND

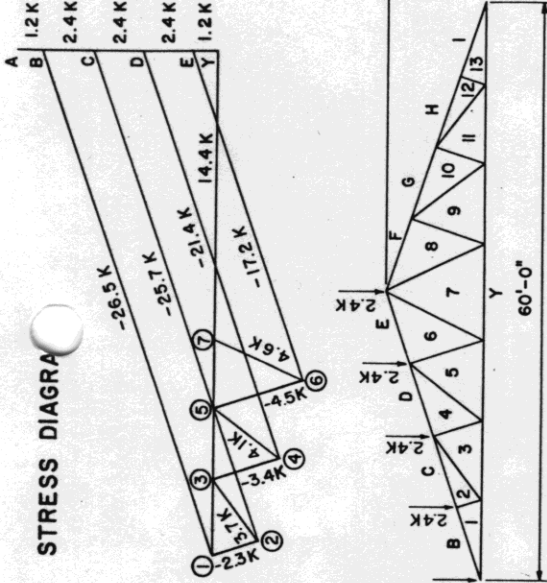
HORSE BARN & ARENA

ID.	'73	6171	SHEET 2 OF 3
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SHEET 2 OF 3

2'-0" x 12'-0" SKYLIGHTS

STRESS DIAGRAM

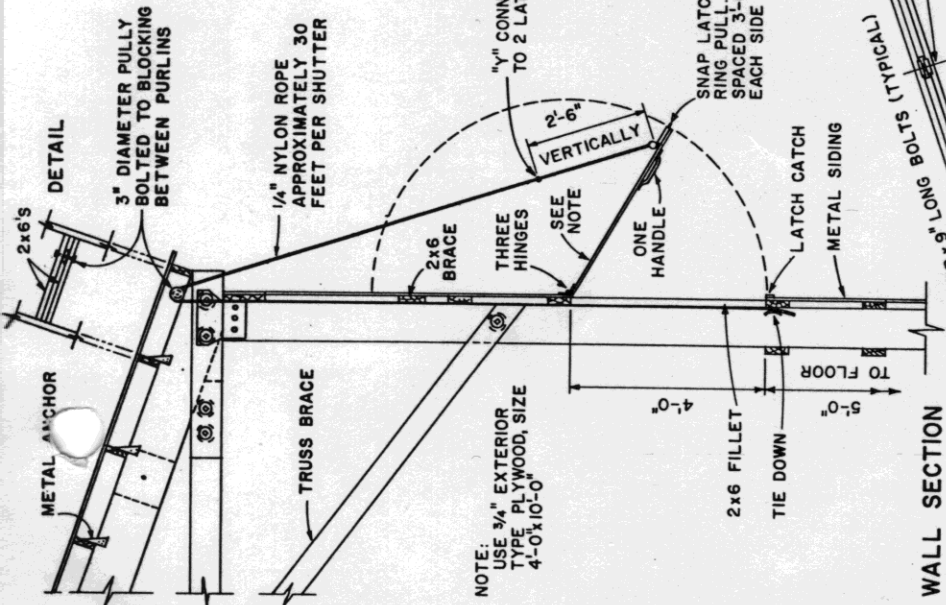


NOTES:

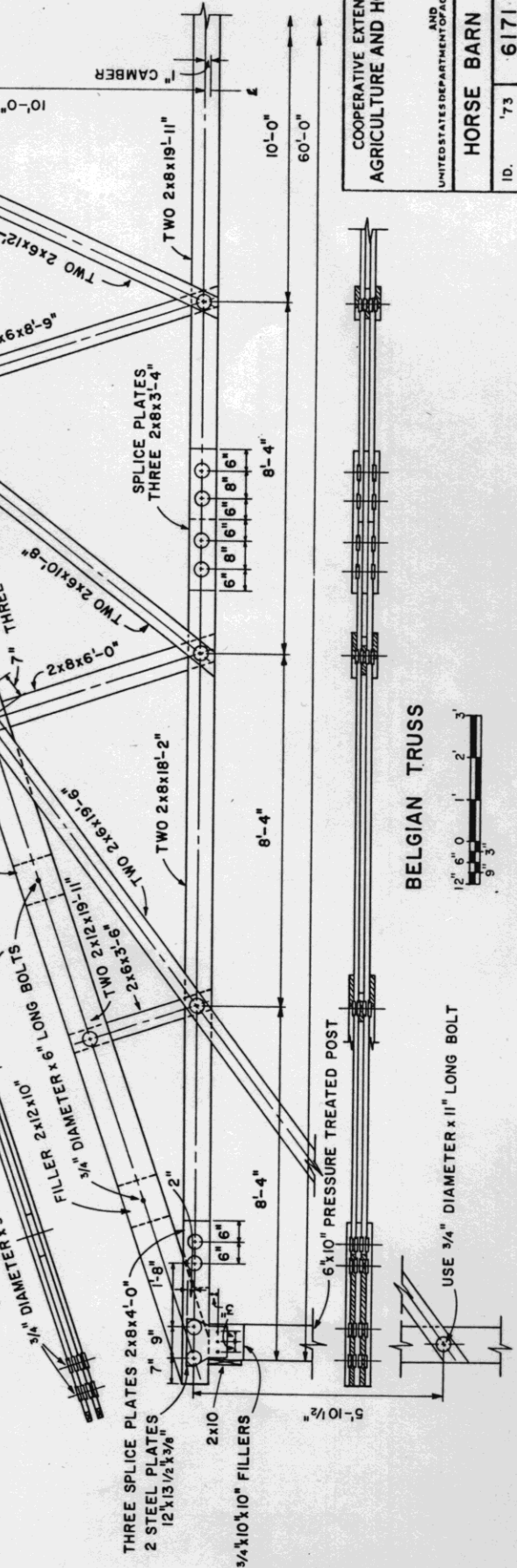
1. TOTAL LOAD, LIVE PLUS DEAD=32 POUNDS PER SQUARE FOOT.
2. TRUSS SPACING 10'-0" O.C.
3. THE PROPER CAMBER MAY BE INTRODUCED BY RAISING THE LOWER CHORD 1 1/2" AT THE CENTER DURING FABRICATION.
4. LUMBER SHALL BE A STRUCTURAL GRADE WITH MINIMUM ALLOWABLE WORKING STRESSES IN POUNDS PER SQUARE INCH AS FOLLOWS: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

NOTE:

USE 3/4" EXTERIOR TYPE PLYWOOD, SIZE 4'-0" x 10'-0"



WALL SECTION



BELGIAN TRUSS