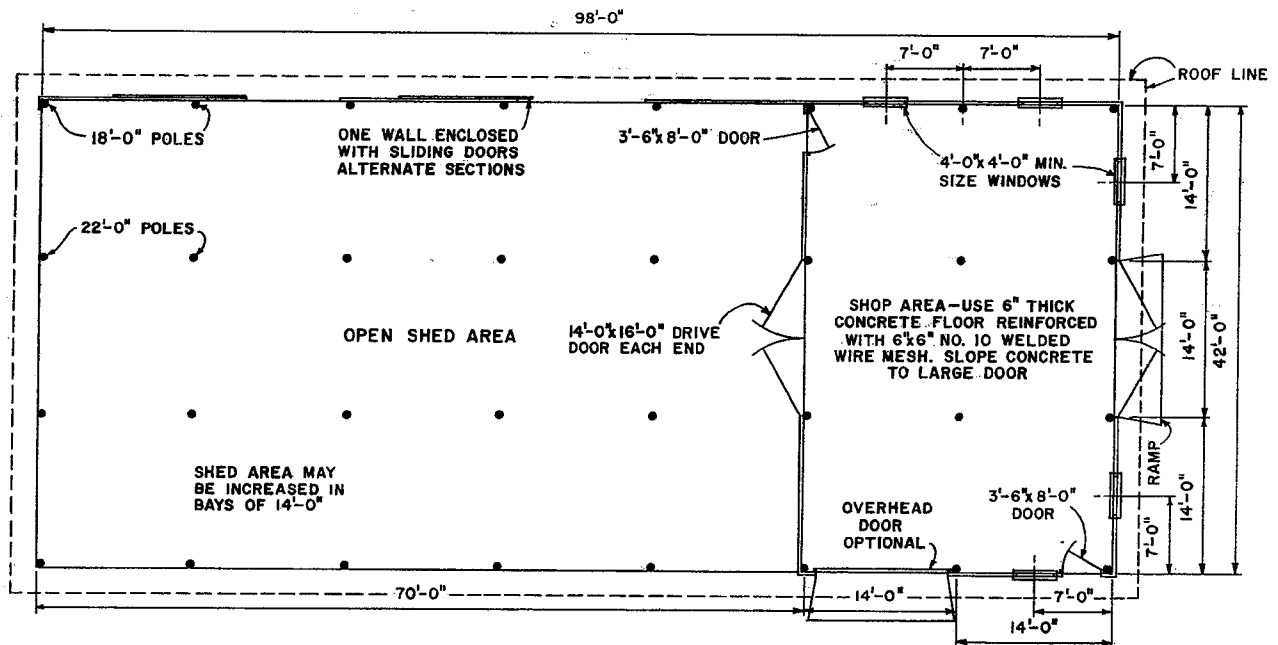


PERSPECTIVE



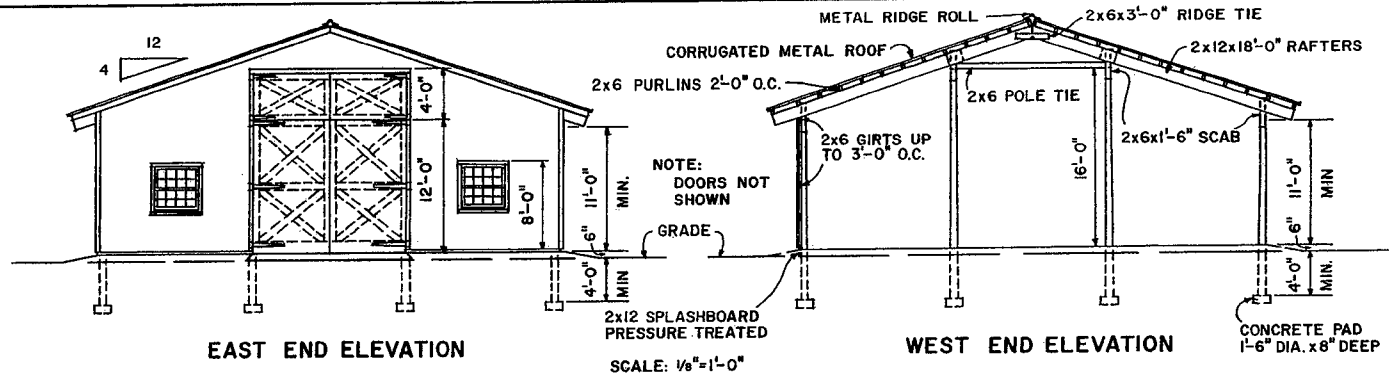
FLOOR PLAN & POLE LAYOUT
SCALE: 1/8"=1'-0"

BASED ON: AUBURN UNIV. PLAN NO. BP-8



MACHINERY SHED

ALA. '72	6150	SHEET 1 OF 2
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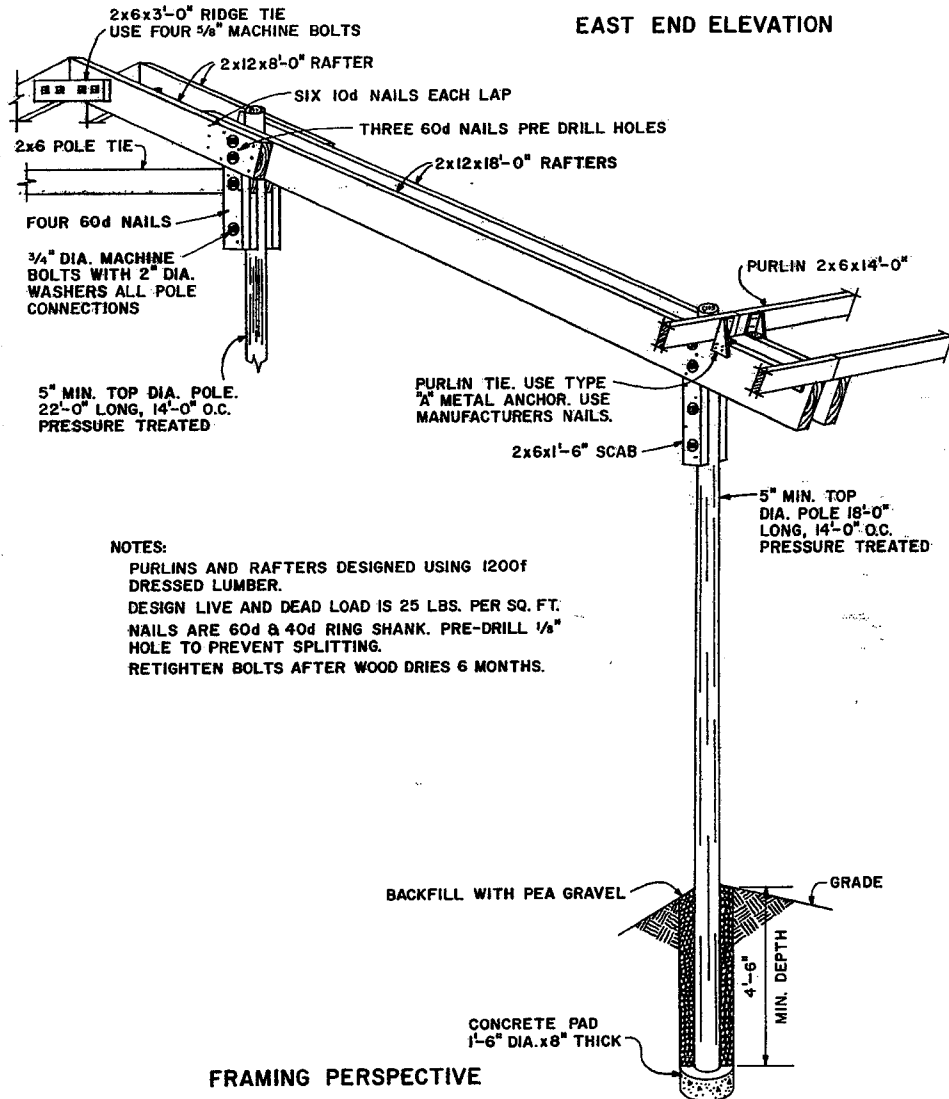
EAST END ELEVATION

WEST END ELEVATION

SCALE: 1/8"=1'-0"


BILL OF MATERIAL

	SIZE	QUANTITY	F.B.M.
LUMBER FOR FRAMING			
PURLINS FOR END BAYS	2x6x16'-0"	52	832
PURLINS FOR CENTER BAYS	2x6x14'-0"	130	1,820
RAFTERS CENTER PEAK	2x12x8'-0"	32	512
RAFTERS SIDES	2x12x18'-0"	32	1,152
RIDGE AND CENTER POLES TIE, CUT 3'-0" FOR RIDGE	2x6x18'-0"	32	576
SCAB 2x6x1'-6"	2x6x12'-0"	8	96
PRESSURE TREATED SPLASHBOARD	2x12x14'-0"	10	280
GIRTS USING 1'-0" LAP AT POLES	2x6x16'-0"	40	640
WINDOW AND WALK DOOR FRAMING	2x6x8'-0"	18	144
GABLE ENDS FRAMING	2x6x14'-0"	6	84
CENTER DRIVE DOOR FRAMING	2x8x16'-0"	4	86
	2x8x14'-0"	2	38
	2x8x12'-0"	6	96
	2x8x14'-0"	3	56
FRAMING FOR OVERHEAD AND NORTH WALL DOORS			
TOTAL FRAMING LUMBER			6,412
POLES: 5" TOP DIA., PRESSURE TREATED	18'-0"	16	
	22'-0"	16	
CONCRETE SLAB: 2000 PSI, TAPER OUTSIDE 1'-6" EDGE FOR 1'-0" DEPTH		31 CU. YDS.	
PADS		2 CU. YDS.	
REINFORCING WIRE: 6x6 NO. 10 WELDED		1300 SQ. FT.	
MACHINE BOLTS. (ADD ONE INCH TO LENGTH IF ROUGH LUMBER IS USED)			
3/8" DIA. x 4" LONG (PEAK RAFTER TIE)		64	
WASHER: 2" DIA. WITH 3/4" HOLE		128	
3/4" DIA. x 10" LONG (RAFTER TO SIDE POLES)		64	
3/4" DIA. x 14" LONG (RAFTER TO INTERIOR POLES)		64	
WASHER: 2" DIA. WITH 7/8" HOLE		256	
PURLIN ANCHORS		416	
NAILS			
60d RING SHANK: RAFTERS AND SCABS TO POLES		18 LBS.	
40d RING SHANK: FRAMING AND GIRTS TO POLES		35 LBS.	
10d COMMON: FOR JOINING 2" MATERIAL		5 LBS.	
USE NAILS RECOMMENDED FOR ROOF AND SIDING SELECTED			
SIDING		15 SQUARES	
ROOF		51 SQUARES	
DOORS			
WALK: 3'-6"x8'-0"		2	
OVERHEAD: 14'-0"x11'-0" HIGH (OPTIONAL)		1	
SLIDING: 14'-0" WIDE x 11'-0" HIGH		2	
SHOP ENDS: SET 14'-0"x12'-0" & 14'-0"x4'-0" HINGED		2	
WINDOWS: 4'-0"x4'-0", OWNER SELECT TYPE		5	
ELECTRICAL: PROVIDE A 100 AMP. SERVICE (MINIMUM)			



NOTES:

- PURLINS AND RAFTERS DESIGNED USING 1200F DRESSED LUMBER.
- DESIGN LIVE AND DEAD LOAD IS 25 LBS. PER SQ. FT.
- NAILS ARE 60d & 40d RING SHANK. PRE-DRILL 1/8" HOLE TO PREVENT SPLITTING.
- RETIGHTEN BOLTS AFTER WOOD DRIES 6 MONTHS.



MACHINERY SHED

ALA.	'72	6150	SHEET 2 OF 2
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Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.