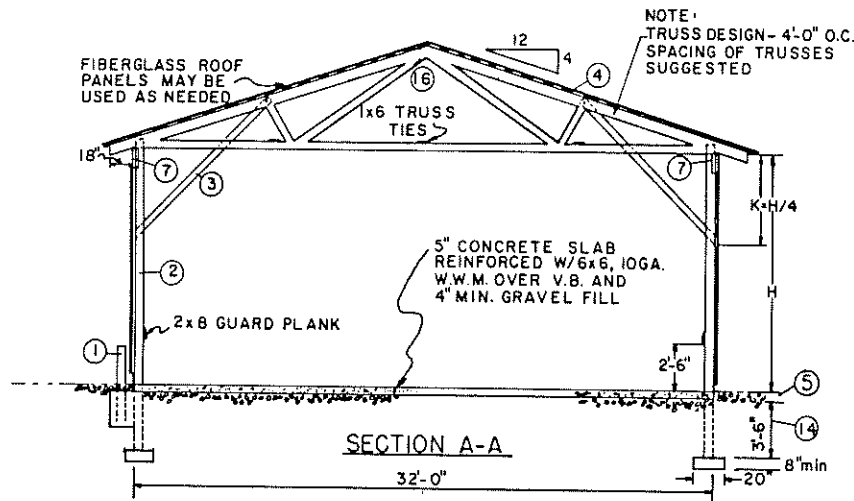
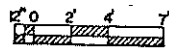


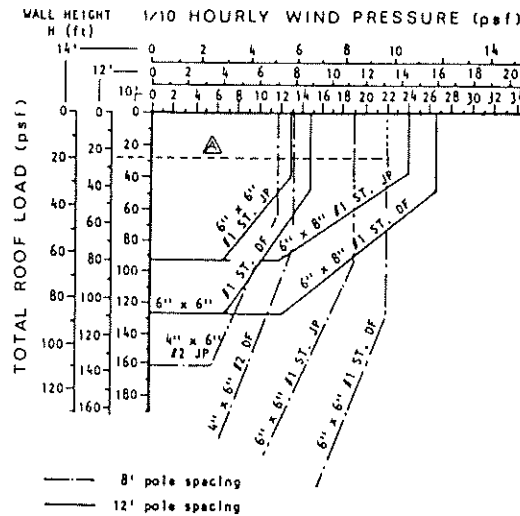
FLOOR PLAN



SECTION A-A



NOTE: BUILDING CAN BE SHORTENED OR LENGTHENED IN ACCORDANCE WITH POLE SPACING. \* SEE POLE SPACING CHART.



15 POLE SELECTION CHART

(A) NOTE: EXAMPLE: ASSUME MACHINERY STORAGE WITH H=12'-0"; WIND PRESSURE = 13 psf; SNOW LOAD = 20 psf.

FROM THE ABOVE CHART\*-  
DEPENDING ON AVAILABILITY AND COST ANY OF THE FOLLOWING  
COULD BE USED:

- 6x6 DOUGLAS FIR 8'-0" O.C.
- 6x8 DOUGLAS FIR 12'-0" O.C.
- 6x8 STRUCTURAL JACK PINE 12'-0" O.C.

- 1 6 x 6 x 6'-0" GUARD POST
- 2 PRESSURE TREATED POLES - SEE POLE SELECTION CHART
- 3 KNEE BRACE - SEE SHEET 2
- 4 METAL ROOFING OVER PURLINS, SEE SHEET 2
- 5 3'-0" WIDE x 4" DEEP COARSE GRAVEL SPLASH PAD, ALL AROUND BUILDING (SLOPE WITH GRADE)
- 6 INSULATION OF SHOP AREA OPTIONAL (SEE DETAIL ON SHEET 2) - DIFFICULT TO JUSTIFY UNLESS ADDING HEAT. EXHAUST VENTILATION MAY BE NEEDED WHEN WORKING WITH DOORS CLOSED.
- 7 GIRDER, STAGGER MEMBER END JOINTS 2' ON EITHER SIDE OF 8' O.C. POLES, 3' ON EITHER SIDE OF 12' O.C. POLES. GIRDER SIZE AND NAILING AS FOLLOWS: NOTCH INTO POLES

GIRDER MEMBERS	TOTAL ROOF LOAD (PSF)		# OF 3 1/2" NAILS, EACH SIDE OF JOINT, BOTH SIDES OF PLATE
	#2 SPRUCE	#2 DOUGLAS FIR	
POLES @ 8' O.C.			
2-2 x 6		30	2
2-2 x 8	32	50	4
2-2 x 10	52	78	6
2-2 x 12	80	117	9
POLES @ 12' O.C.			
2-2 x 10		35	4
2-2 x 12		53	6
2-2 x 8		26	3
2-2 x 10	28	45	4
2-2 x 12	48	69	6

- 8 3'-0" x 6'-8" DOOR
- 9 DOUBLE 7'-0" SIDE SLIDING DOORS (MAY BE WIDER IF DESIRED)
- 10 12'-0" WIDE MACHINERY DOOR
- 11 14'-0" WIDE MACHINERY DOOR (MAY BE WIDER)
- 12 DOOR JAMB AT SIDE DOOR IF REQUIRED
- 13 2'-0" x 6'-0" MAN-DOOR IN SLIDING DOOR
- 14 INCREASE TO 5'-6" WHERE FROST PENETRATION EXCEEDS 4'-0"
- 15 POLE SELECTION CHART - APPLIES TO 32'-0" SPAN BUILDINGS WITH 4/12 DOUBLE SLOPED ROOF, KNEE BRACING AS INDICATED.
- 16 PURCHASE ROOF TRUSS TO SUIT LOCAL DESIGN LOADS, 32' SPAN, WITH 18" RAFTER EXTENSION AT EAVE. SPECIFY 4' O.C. SPACING

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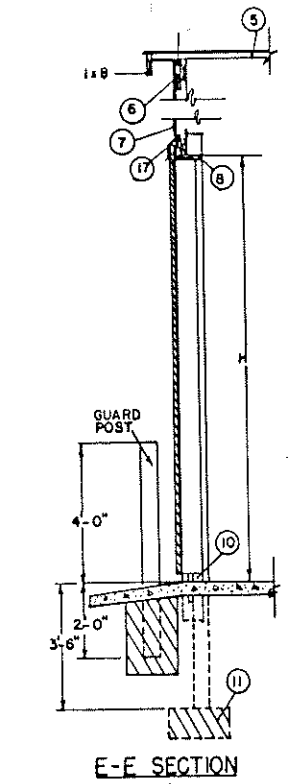
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MACHINERY STORAGE  
(WITH SIDE OPENING DOORS)

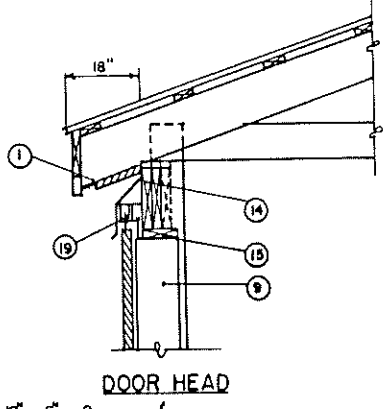
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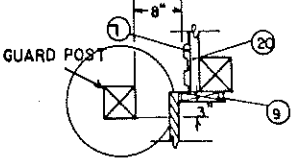
SHEET 1 OF 2



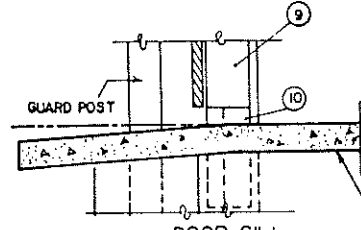
E-E SECTION



DOOR HEAD

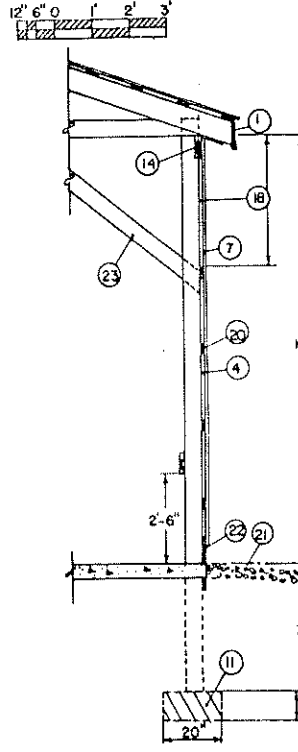


DOOR JAMB

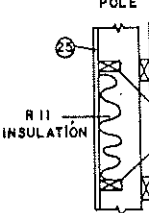


DOOR SILL

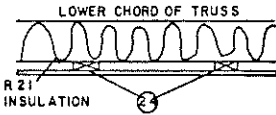
B-B SECTION



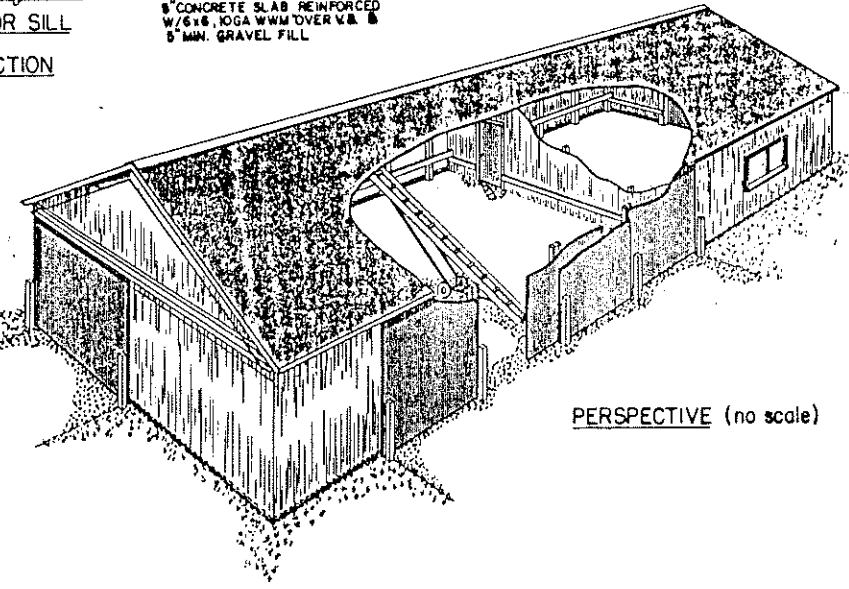
D-D SECTION



WALL INSULATION



CEILING INSULATION



PERSPECTIVE (no scale)

1. 1 x 10 FACE BOARD, 2" SCREENED AIR INLET AND 3/4" PLYWOOD OR LUMBER SOFFIT
  2. 2-4" DIA. REBARS CONTINUOUS UNDER DOORMAYS
  3. 2 x 2 BLOCKING
  4. FOR INSULATED SHOP WALL, SEE INSULATION DETAIL
  5. METAL ROOFING OVER 2 x 4 x 16'-0" PURLINS, 24" O.C. MAX. FOR ROOF LOADS UP TO 50 LBS/FT<sup>2</sup> - 16" O.C. FOR 45 LB/FT<sup>2</sup>
  6. 2 x 6 GIRTS MAILED TO END TRUSS
  7. VERTICAL METAL SIDING
  8. 2 x 10 HEAD JAMB
  9. 2 x 8 SIDE JAMB OR WIDER AS NEEDED TO COVER POST AND PLATES (BEAMS)
  10. 2 x 6 x 1'-0" LONG PRESSURE TREATED DOOR STOP AT EACH SIDE OF DOOR
  11. ROUND CONCRETE FOOTING, EACH POLE
  12. 4" CONCRETE PAD, 3'-0" WIDE x 14'-0" LONG, IN FRONT OF DOOR, SLOPE WITH GRADE
  13. GRAVEL FILL TO ALLOW FOR MOVEMENT OF CONCRETE PAD
  14. GIRDER: IF A THIRD MEMBER IS REQUIRED, FIT BETWEEN POLES AND SUPPORT ON 2" SIDE JAMB, SEE SHEET 1. NOTCH INTO POLES 2" MIN. DEPTH
  15. 2 x 6 HEAD JAMB
  16. 5" CONCRETE FLOOR IN INSULATED WORKSHOP AREA, THICKEN CONCRETE AT DOOR, CONSTRUCTION JOINTS 20'-0" O.C. BOTH WAYS
  17. 2 x 8 DOOR HEADER
  18. SELECT FROM CHART BELOW AND FIT SCAB BETWEEN OUTER GIRDER MEMBER AND TOP MAILING GIRT. CENTER SCAB SIZE, NAIL AS SECURELY AS POSSIBLE WITH 40d NAILS.
- | GIRDER MEMBER  | 4 x 6 POLE | 6 x 6 OR 6 x 8 POLE |
|----------------|------------|---------------------|
| #2 SPRUCE      |            |                     |
| 2x8            | 2x4x20"    | 2x6x12"             |
| 2x10           | 2x4x30"    | 2x6x18"             |
| 2x12           |            | 2x6x24"             |
| #2 DOUGLAS FIR |            |                     |
| 2x8            | 2x4x24"    | 2x6x15"             |
| 2x10           | 2x4x36"    | 2x6x24"             |
| 2x12           |            | 2x6x30"             |
19. DOUBLE TRACK FOR SLIDING DOORS
  20. 2 x 4 NAILING GIRTS @ 24" O.C. FROM SCAB DOWNWARD
  21. 3'-0" WIDE x 5" DEEP COARSE GRAVEL SPLASH PAD, ALL AROUND BUILDING (SLOPE WITH GRADE)
  22. 3 - 2x6x16'-0" TAG PRESSURE TREATED SPLASH PLANKS: STAGGER JOINTS AT 8' O.C. ON POLES
  23. DOUBLE 2 x 6 KNEE BRACE, ON 2 x 6 LAPS POLE AND BUTTS TRUSS, OTHER ONE BUTTS POLE AND LAPS TRUSS (BRACES @ 8' O.C. EXCEPT WHERE POLES ARE 12" O.C. @ DOORS)
  24. 2 x 4 NAILING GIRTS 24" O.C. FOR FASTENING
  25. GALVANIZED STEEL OR OTHER FIRE RETARDANT INTERIOR SHEET MATERIAL

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