



1. skids- 4" x 6" x 10'-0", 3/4" hole at each end for towing, soak in wood preservative
2. 2" x 6" joists @ 15 1/2" o.c.
3. studs- 2" x 4" x 5'-2"
4. 1/2" Ø x 8" bolts, nuts & washers at corner and mid-length studs (6 required)
5. 2" x 4" x 5'-0" blocking studs each end
6. 14 vertical dividers - 2" x 4" x 3'-0" (end ones fitted between 2 & 7)
7. rafters- 2" x 4" x 7'-10"
8. ridge board - 2" x 4" x 7'-10"
9. 1" x 4" x 4'-0" supports @ 15 1/2" o.c.
10. blocking - 2" x 4" between joists 2
11. hopper joists - 2" x 4" with 2" x 2" x 7'-10" ridge
12. manger - 5/16" plywood, 1'-4" x 7'-10"
13. hopper - 5/16" plywood, 2'-8" x 7'-10"
14. manger front - 2" x 8" x 7'-10"
15. horizontal tie - 1" x 4" x 5'-0" (one only)
16. hopper side panels - 5/16" plywood 3'-6" x 7'-10"
17. face boards - 2" x 4" x 8'-0"
18. roofing - 5/16" plywood, 4'-0" x 8'-0" top sheet to overlap 3" (roll roofing optional)
19. roof hatch opening 14" x 20", 2" x 4" blocking and 5/16" plywood 4 sides
20. hatch cover - 5/16" plywood with 2" x 2" cleats all around, to be fastened down with 2 hooks
21. steel angle - 1/4" x 2" x 2" x 3" long, fasten with 4 - # 10 R.H. x 1 1/2" wood screws
22. for rations containing roughage (up to 10% increase 13) to 3'-0" wide and suspend heavy chain 2'-0" from each end for agitation
23. 5/16" exterior plywood cladding starts 3" from bottom edge
24. 5/16" x 4'-0" x 8'-0" plywood roofing - 4 sheets req'd.
25. 5/16" x 4'-0" x 8'-0" plywood hopper side panels and hatch frame - 2 sheets req'd.
26. 5/16" x 4'-0" x 8'-0" plywood end panels - 4 sheets req'd.
27. 5/16" x 4'-0" x 8'-0" plywood hopper and manger - 2 sheets req'd.

WARNING
 This plan may require structural and other changes to meet local site conditions, climatic loads, user requirements and applicable building regulations (such as the Canadian Farm Building Code). Before construction, the user of this plan is responsible to ensure that all required changes are made.

SYM	REVISIONS	CHECKED	DATE	APPROVED
PORTABLE CALF CREEP FEEDER				
DESIGNED	DATE SEPT./75	PLAN		
DRAWN LEO BLAIS	REVISED	1611		
TRACED	DETAIL NUMBER	SHEET 1 OF 1		
CHECKED JET	ORIGINATES ON SHEET A			
	DRAWN ON SHEET C			