MWPS-73113

32' and 48' Wide Hay Sheds

Interior Poles.

CAUTION!

Additional professional services will be required to tailor this plan to your situation, including but not limited to: assurance of compliance with codes and regulations; review of specifications for materials and equipment; supervision of site selection, bid letting and construction; and provision for utilities, waste management, roads or other access. Furthermore, any deviation from the given specifications may result in structural failure, property damage, and personal injury including loss of life.

WARRANTY DISCLAIMER

This plan provides conceptual information only. Neither midwest plan service nor any of the cooperating land-grant universities, or their respective agents or employees, have made, and do not hereby make, any representation, warranty or covenant with respect to the specifications in this plan. Additional professional services will be required to tailor this plan to your situation, including but not limited to: assurance of compliance with codes and regulations; review of specifications for materials and equipment; supervision of site selection, bid letting and construction; and provision for utilities, waste management, roads or other access.

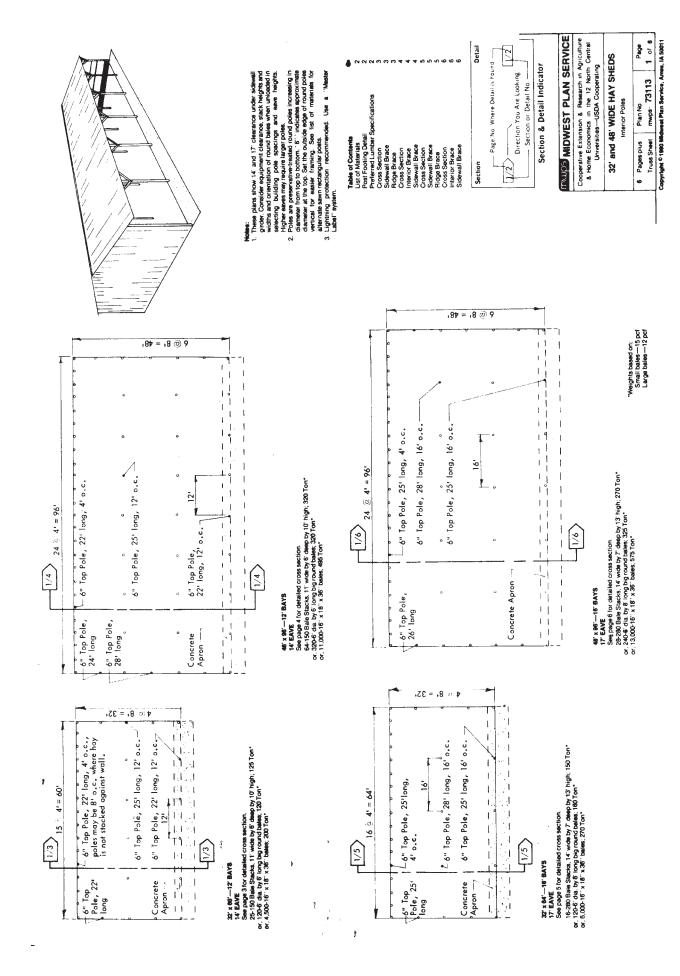
MIDWEST PLAN SERVICE

Cooperative Extension Work in Agriculture and Home Economics and Agricultural Experiment Stations of North Central Region - USDA Cooperating

32' and 48' Wide Hay Sheds

Title Page

MIDWEST PLAN NO. 73113



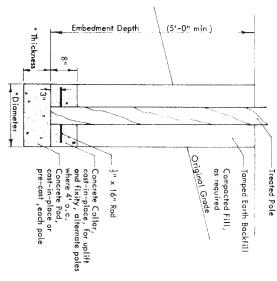


Snow Zone

Determine the snow zone number for your locality from the map below. If the building will be in mountain regions, consult local authorities, Design snow loads in lb'sq ft (psf) for low risk buildings:

Zone II = 16 psf Zone II = 24 psf Zone III = 32 psf

For Zones IV, V, and VI, see MWPS-9.



* See building cross section for footing sizes

2x6 Girts (No. 2 Hem-Fir)
Maximum Spacing: 24"
(8" o.c. poles)

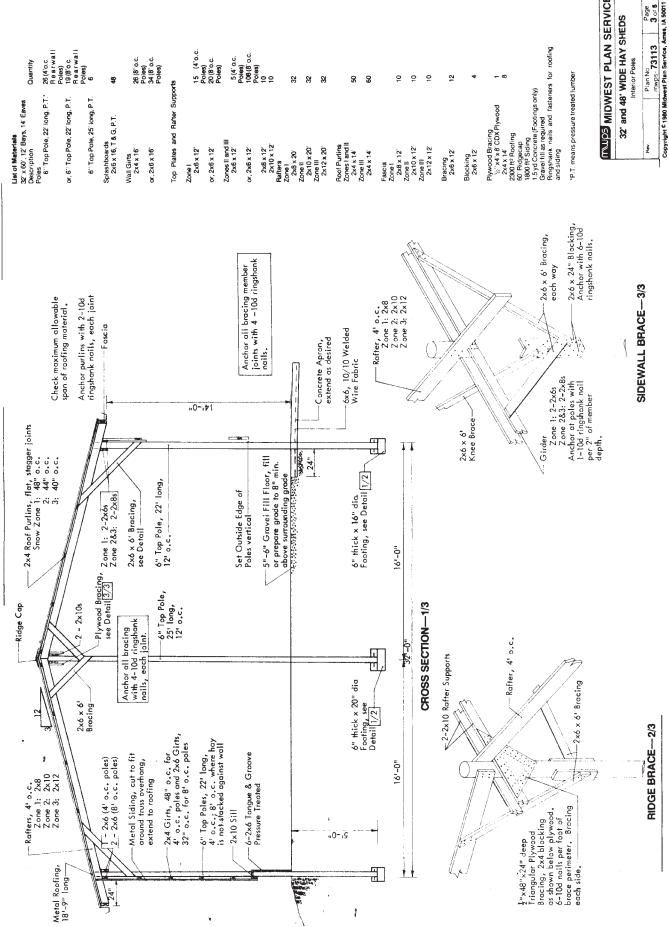
Extend embedment depth as required to place footing on undistruded soil. For large diameter footings, use smaller diameter augger and flare the bottom of the hole with Lineman's spoon.

Rafters and Headers No. 1 for 1500f Machine Stress Rated, Doug Fir or Southern Pine Round Poles Doug Fir or Southern Pine (F ₀ = 2100 psi) Preservative Treatment Creosolo Southern Pine, 7.5 pct Coastal Doug Fir, 16.0 pcf Interior Doug Fir, 16.0 pcf Coastal Doug Fir, 16.0 pcf Coastal Doug Fir, 16.9 pcf Interior Doug Fir, 10.80 pcf Coastal Doug Fir, 0.45 pcf Interior Doug Fir, 0.80 pcf ACA or CCA (type A or 81), 080 pcf ACTERNATE LUMBER SPECIFICATIONS 2x4 Purlins (No. 2 Hem-Fir) Maximum Spacing, Maximum Spacing, Snow Zone 1 30: 2 87: 3 24:	In contact with the soil pct, rentention Not in contact with the soil 8	Lumber Preservative Treatment Creosote	PREFERRED LUMBER SPECIFICATIONS Roof Purlins, Wall Girls, and Splashboards No. 2. Doug Fir or Southern Pine
	0.5	Penta	
	23.83	8	
	0.5	808	

POST FOOTING DETAIL 1/2

MIDWEST PLAN SERVICE 32' and 48' WIDE HAY SHEDS Interior Poles

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26 (4'o.c. Rearwall Poles) 19 (8'o.c. Rearwall

15 (4'o.c. Poles) 20(8'o.c. Poles)

26 (8' o.c. Poles) 34 (8' o.c. Poles)

5(4' o.c. Poles) 106(8' o.c. Poles) 10

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P.T. means pressure treated lumber

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