MWPS-72360

60-Cow Free Stall Resting Barn

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.

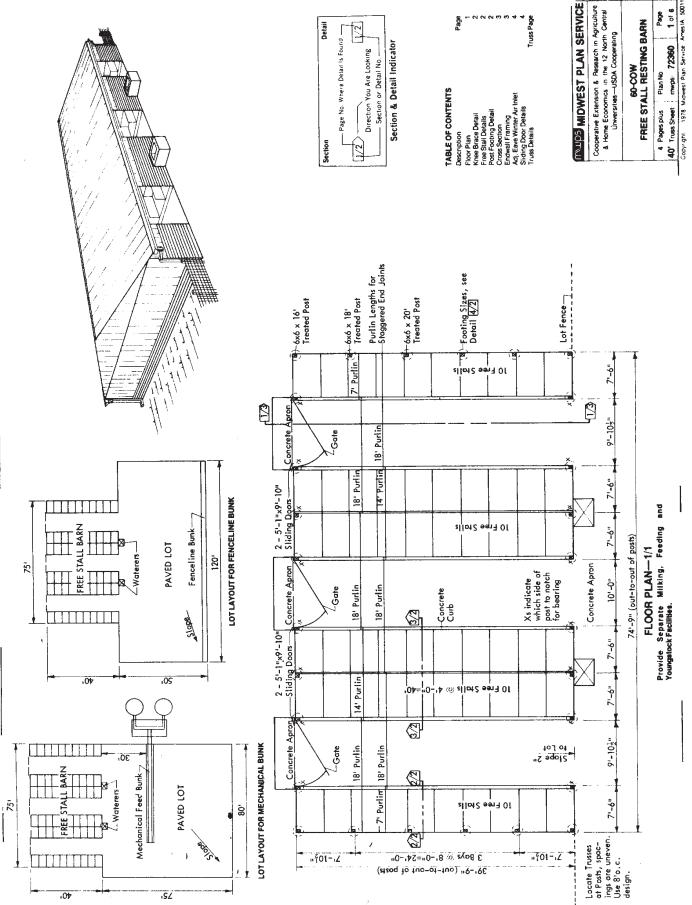
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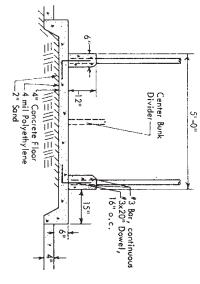
60-Cow

Free Stall Resting Barn
Title Page

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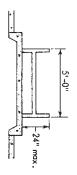


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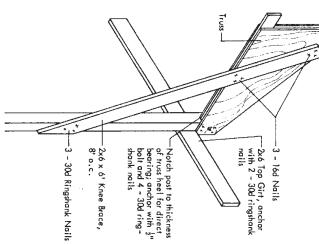


FEEDBUNK CROSS-SECTION 1/2

ferent rations. Install center bunk divider if herd is divided and fed dif-



If raised bunk floor is desired set precast bunk on slab.



KNEE BRACE DETAIL 2/2

Treated Post

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DAIRY BARN - 62 FREE STALLS
Mechanical Waste Scraper

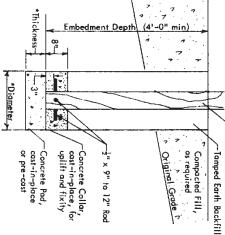
Capyright @1974 Midwest Plan Service

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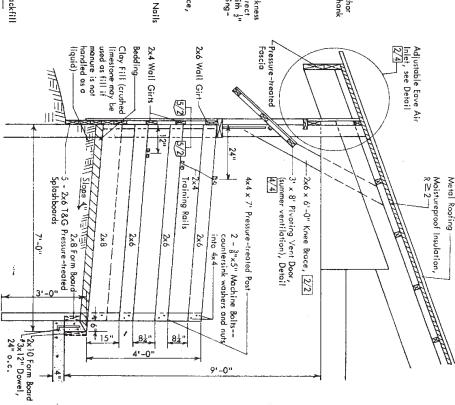
12" Dia x 6" Thick @

Endwall Posts Sidewall Posts 16" Dia x 6" Thick @

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



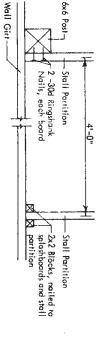
POST FOOTING DETAIL 3/2



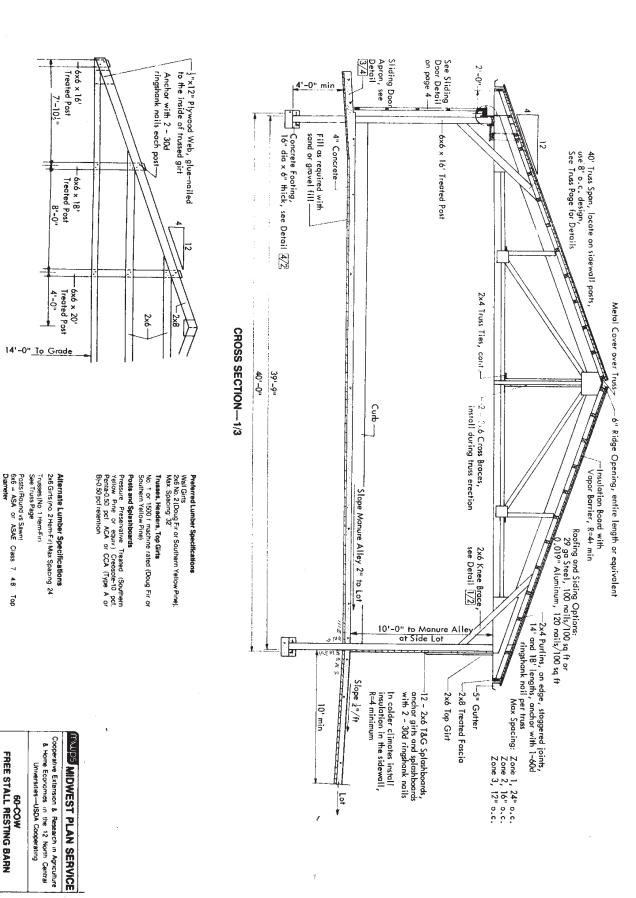
FREE STALL DETAIL 4/2

stall - 3 rails will force the cow to move back as it gets up so its shoulders can't get caught under the top rail. Install 2x8 bottom stall pertition board if cows move fill and bedding from stall to stall causing deep holes in stalls. Install 2x4 training rails if cows turn around in stalls or deposit manure at back of

If cows have access to outside of building, use wood siding (treated plywood or splashboards) on bottom 4 feet of wall.



WALL CONNECTION 5/2



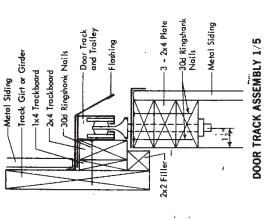
ENDWALL FRAMING-2/3

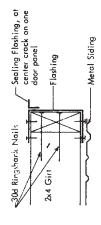
4 Pages plus 40' Truss Sheet

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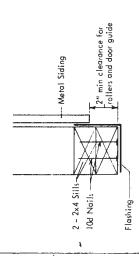
Plan No. 72360

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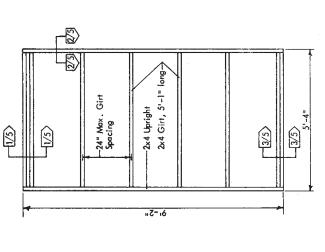




Extend flashing around uprights and nail to girts and uprights. **UPRIGHT SECTION 2/5**

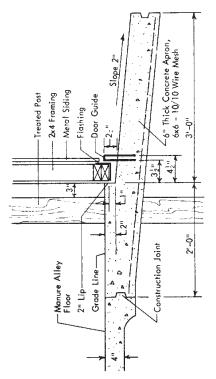


SILL SECTION 3/5



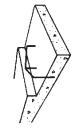
DOUBLE SLIDING DOOR 475

2x4 Framing



SLIDING DOOR APRON 5/5

Set adjustable roller guides in the concrete apron at door jamb. Use door stops as required.



"U"-Shaped Door Guide

door guide at center of door opening. Breck at center to force closing door against apron lip. Taper from 42" end to 32" center clearance. Locate 2" dia x 20" "U"-shaped

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DAIRY BARN - 62 FREE STALLS Mechanical Waste Scraper

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