

# MWPS-75266

## 20 x 20 Milkhouse

With bath, office, and utility.

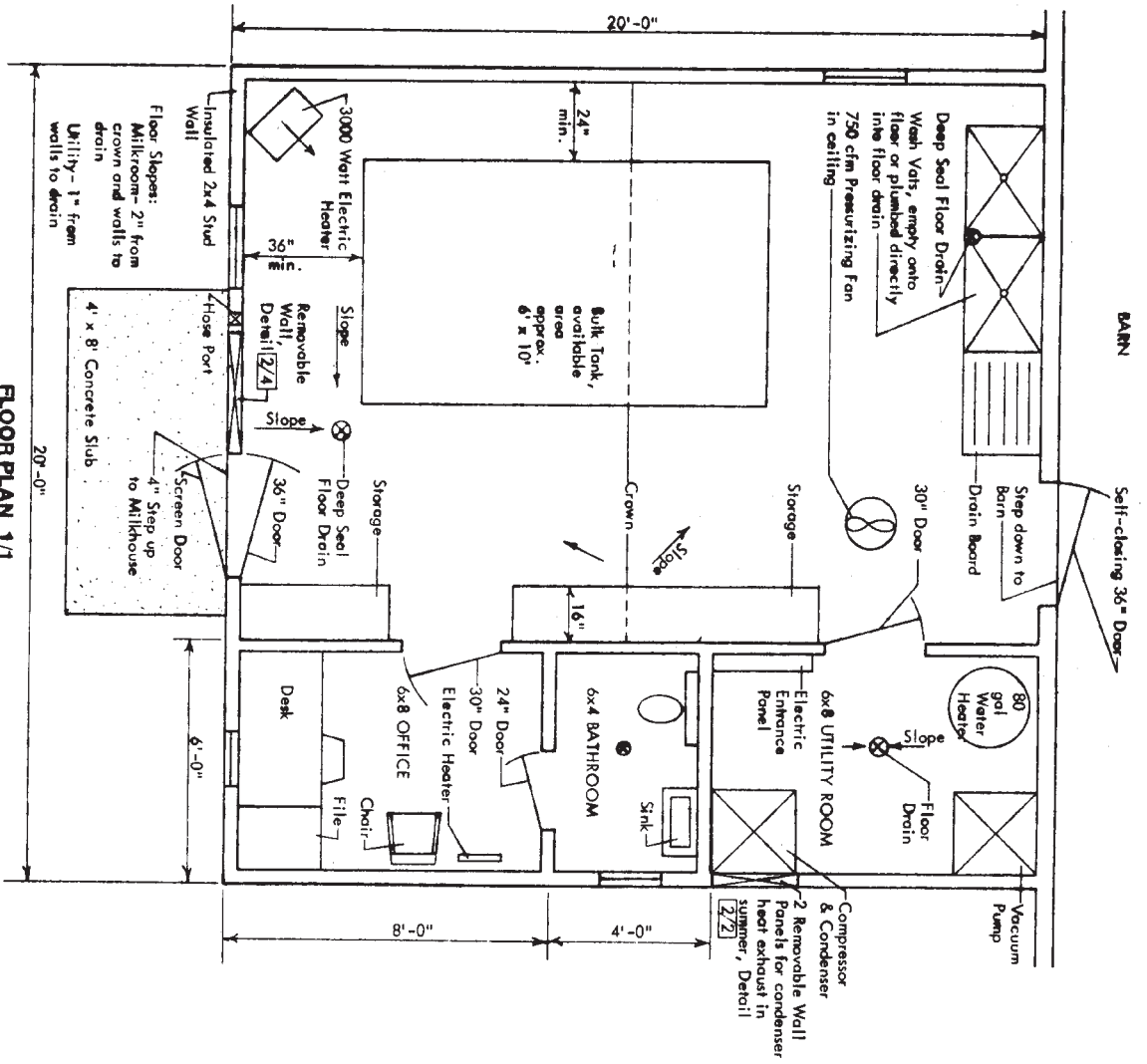
### CAUTION!

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

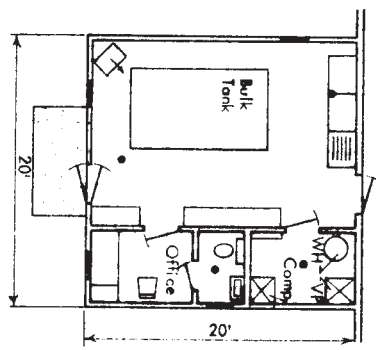
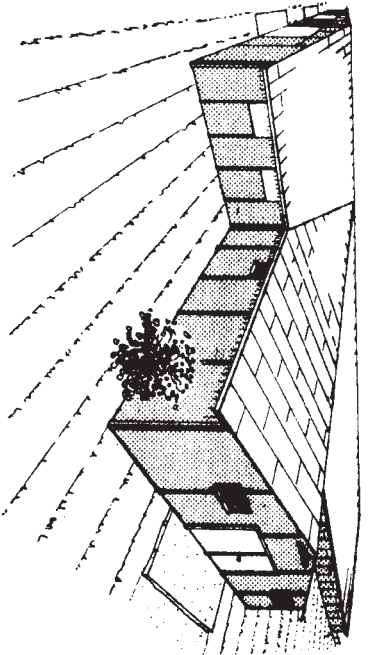
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Cooperative Extension Work in Agriculture and Home Economics and Agricultural Experiment Stations of North Central Region - USDA Cooperating
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It may be desirable to provide a 2" step up to the utility room and office to prevent wash water from entering.  
 4" concrete slab, thickened to 8" under bulk tank.

FLOOR PLAN 1/1



Before you build this milkhouse consult with and get the approval of the health authorities having control of the sale of your milk.

Lumber Specifications

- Studs Construction Grade (Doug Fir, Southern Yellow Pine or Hem Fir)
- Framing and Ceiling Joists No. 2 (Doug Fir, Southern Yellow Pine or Hem Fir)
- Plywood Roof Sheathing—3/8" C-C-Ext. (Identification Index—200)
- Sliding—3/8" C-C-Ext. with medium density overlay
- Sills and Facia Pressure Preservative Treated (Southern Yellow Pine or equivalent)
- Concrete—8 pcf. Pairs—40 pcf. ACO—0.25 pcf. ADA or CCA (Type A or B)—0.23 pcf.

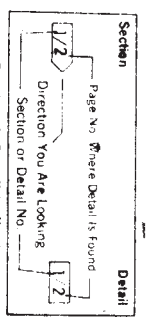
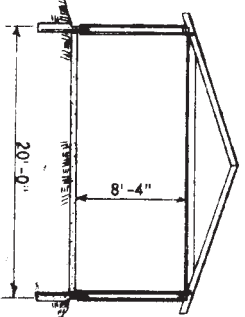


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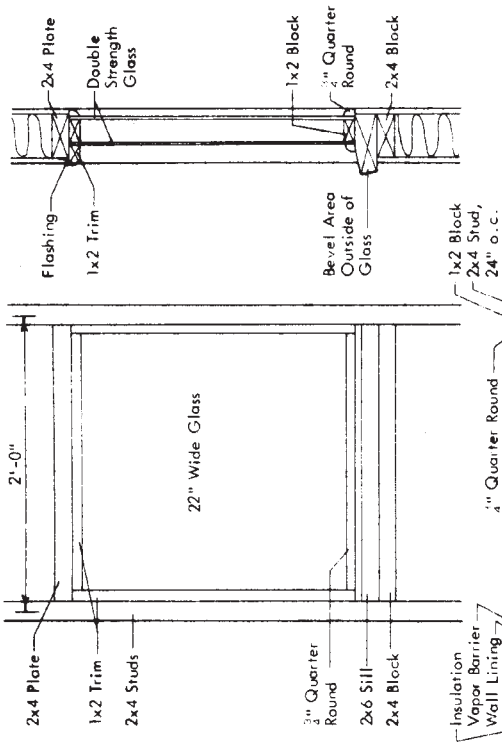
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MIDWEST PLAN SERVICE

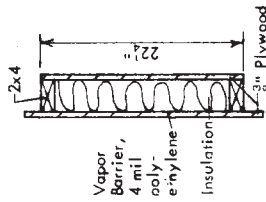
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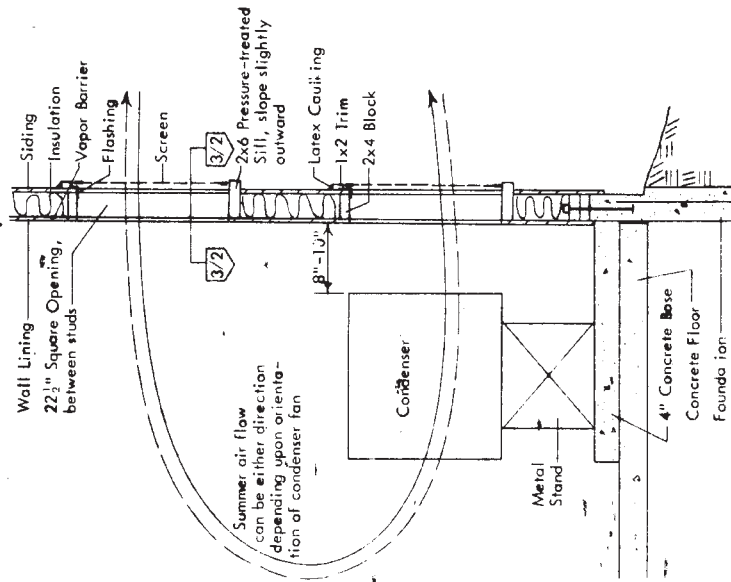


**FIXED WINDOW FRAMING 4/2**  
Seal trim and quarter round with latex caulking.

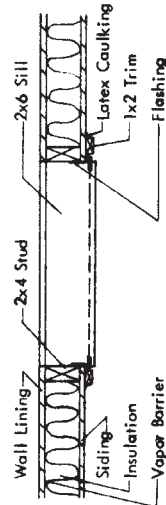


**REMOVABLE WALL PANEL 2/2**

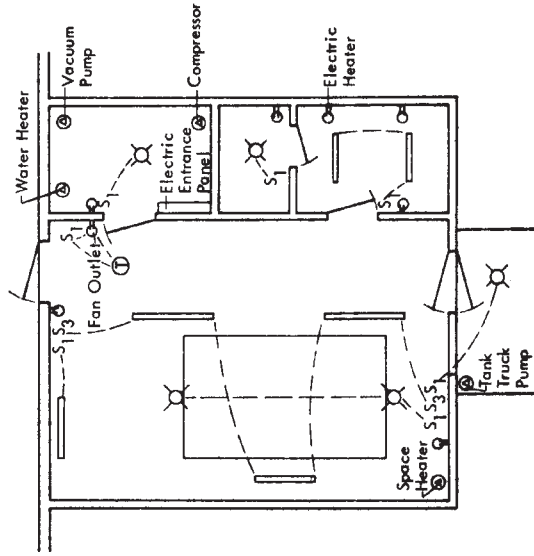
Install in screened opening in cold weather so condenser heat remains in milkhouse.



**CONDENSER VENTILATION DETAIL 1/2**



**SECTION 3/2**



Use all weatherproof outlets and switches. Elevate outlets 2' for floor wash water. Equipment may be wired directly in to circuits. Install swivel base flood lights only if bulk tank does not have automatic washer.

Wiring Key:

S <sub>1</sub>	Single Pole Switch
S <sub>3</sub>	Three-Way Switch
○	150 Watt Swivel Base Flood Light
○	100 Watt Light Bulb Outlet
○	2-40 Watt Fluorescent Light
○	240 Volt Outlet
⊖	Thermostat

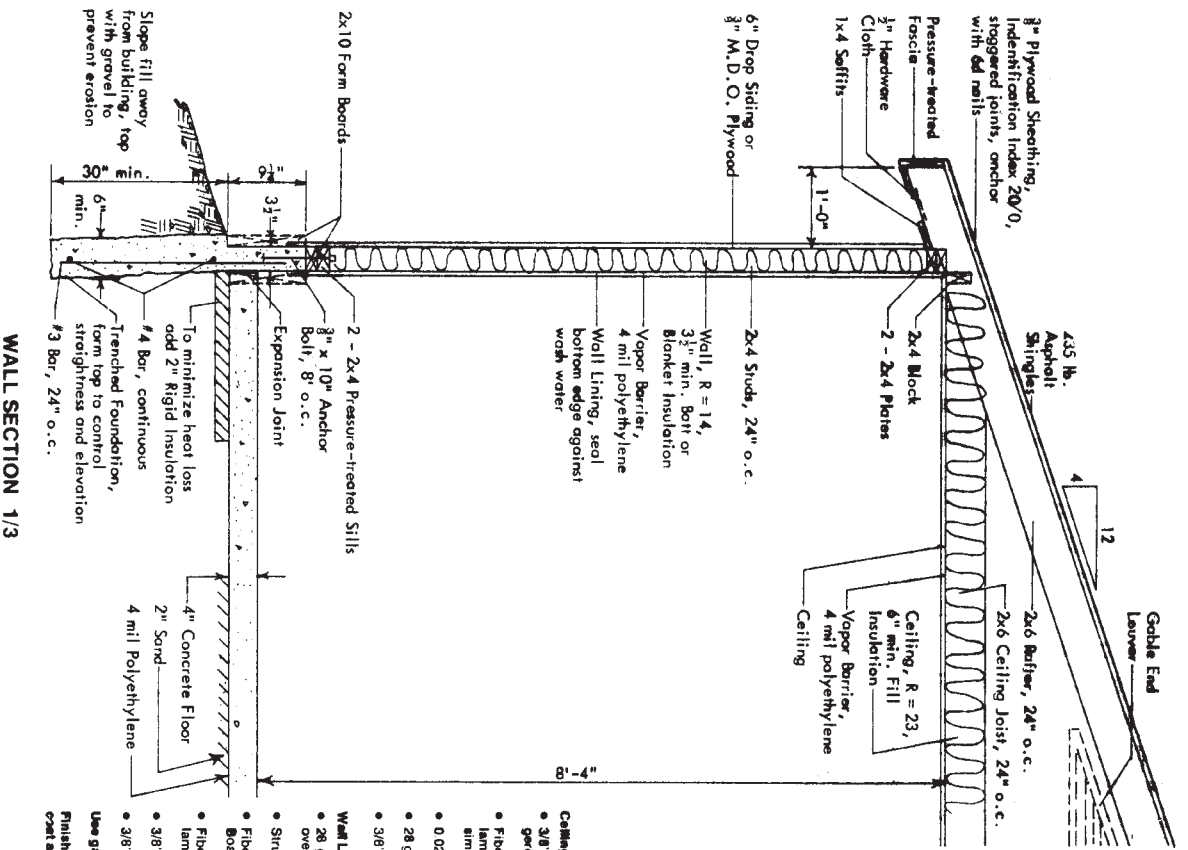
Wire according to load codes.

**ELECTRICAL PLAN 5/2**

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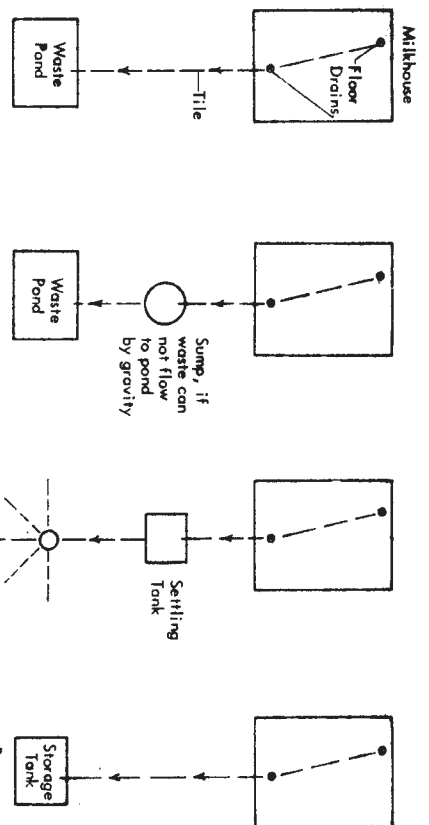
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WALL SECTION 1/3

- Ceiling Alternatives:
  - 3/8" M.D.O. Plywood, painted, staggered joints, anchor with 60 nails
  - Fiberglass reinforced plastic surface laminates on 3/8" Ext. Plywood, install similar to 3/8" M.D.O. Plywood
  - 0.024 in. Aluminum
  - 28 ga Galv Steel, with baked on paint
  - 3/8" Ext. Plywood painted
- Wall Lining Alternatives:
  - 28 ga Galv Steel, with baked on paint, over 3/8" Plywood
  - Structural Glazed Tile
  - Fiberglass Reinforced Polyester Resin Board
  - Fiberglass reinforced plastic surface laminated on 3/8" Ext. Plywood
  - 3/8" M.D.O. Plywood, painted
  - 3/8" Ext. Plywood, painted
- Use galv. nails except with aluminum. Finish M.D.O. and Ext. Plywood with 2 coat acrylic-latex exterior paint system.



MILKHOUSE WASTE DISPOSAL 2/3

If liquid manure handling is used in the dairy barn, milkhouse wastes may go into the manure tank.

Check your waste disposal plan with local health authorities.

ESTIMATING LIST

Joists 2x6 s, 16 ft long	11
Roof Sheathing 3/8" Plywood, sq ft	360
Stringers 2x8 to asphalt, sq ft	390
Soil Ceiling, sq ft	425
Wall Lining, sq ft	425
Insulation	
Ceiling, sq ft	320
Wall, sq ft	425
Floor Drains	2
Windows	2
Doors	1
Removable Panels	3

