

# MWPS-74002

## Pesticide Storage and Mixing Building

### CAUTION!

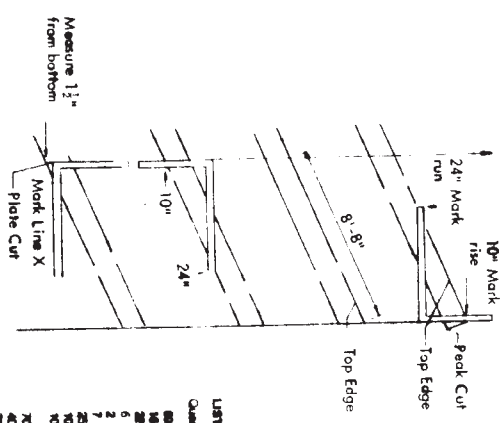
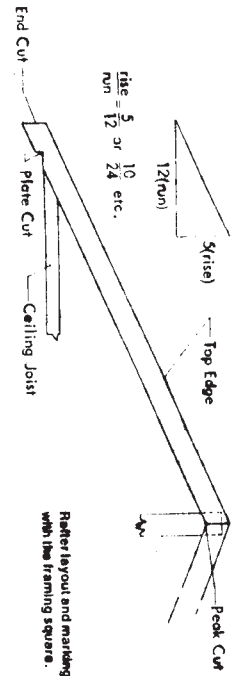
Additional professional services will be required to tailor this plan to your situation, including but not limited to: assurance of compliance with codes and regulations; review of specifications for materials and equipment; supervision of site selection, bid letting and construction; and provision for 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.

<b>MIDWEST PLAN SERVICE</b>
Cooperative Extension Work in Agriculture and Home Economics and Agricultural Experiment Stations of North Central Region - USDA Cooperating
Pesticide Storage & Mixing Building
Title Page
MIDWEST PLAN NO. 74002





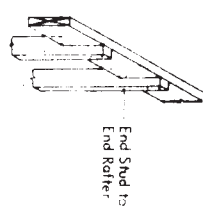
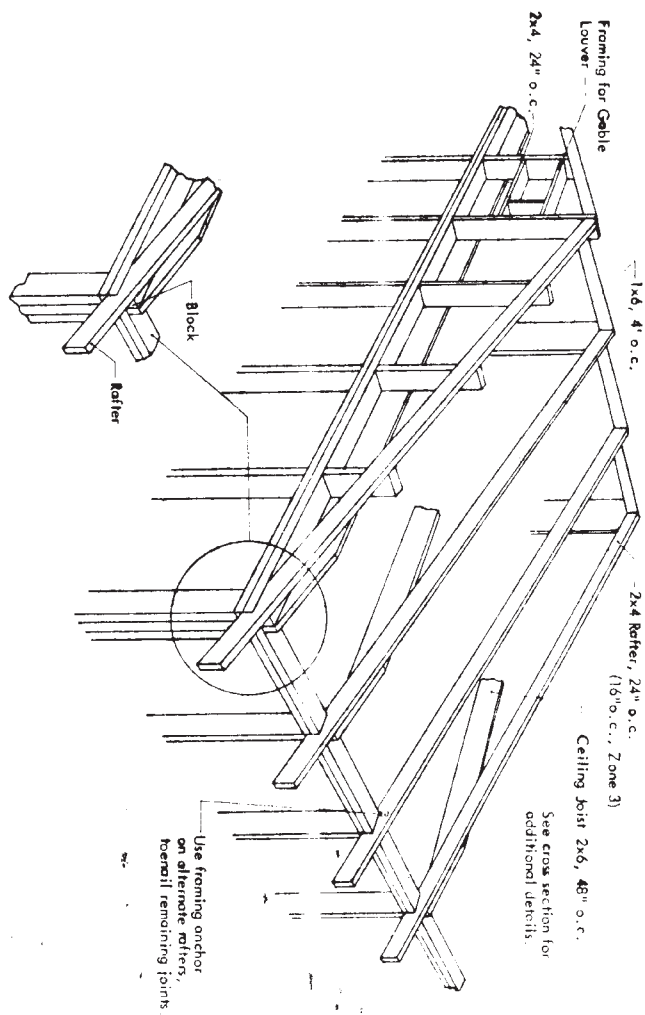
**LUMBER SPECIFICATIONS**

Roof Rafters and Studs  
Construction grade (Doug Fir, Southern Pine, or Hem-fir)  
Rafters  
#1 Southern Pine or Doug Fir, or machine dressed (S&S)  
Rafter Spacing—2' CD Ext identification Index 20(0)  
Siding, Wall Lining, and Ceiling—1" CD Ext  
Sills and Facets  
Pressure Preservative Treated (Southern Pine or Equivalent)  
Creosote—8 pct. Penta—0.40 pct.  
KCC—0.25 pct. KCA or OCA (Type A or B)—0.23 pct.

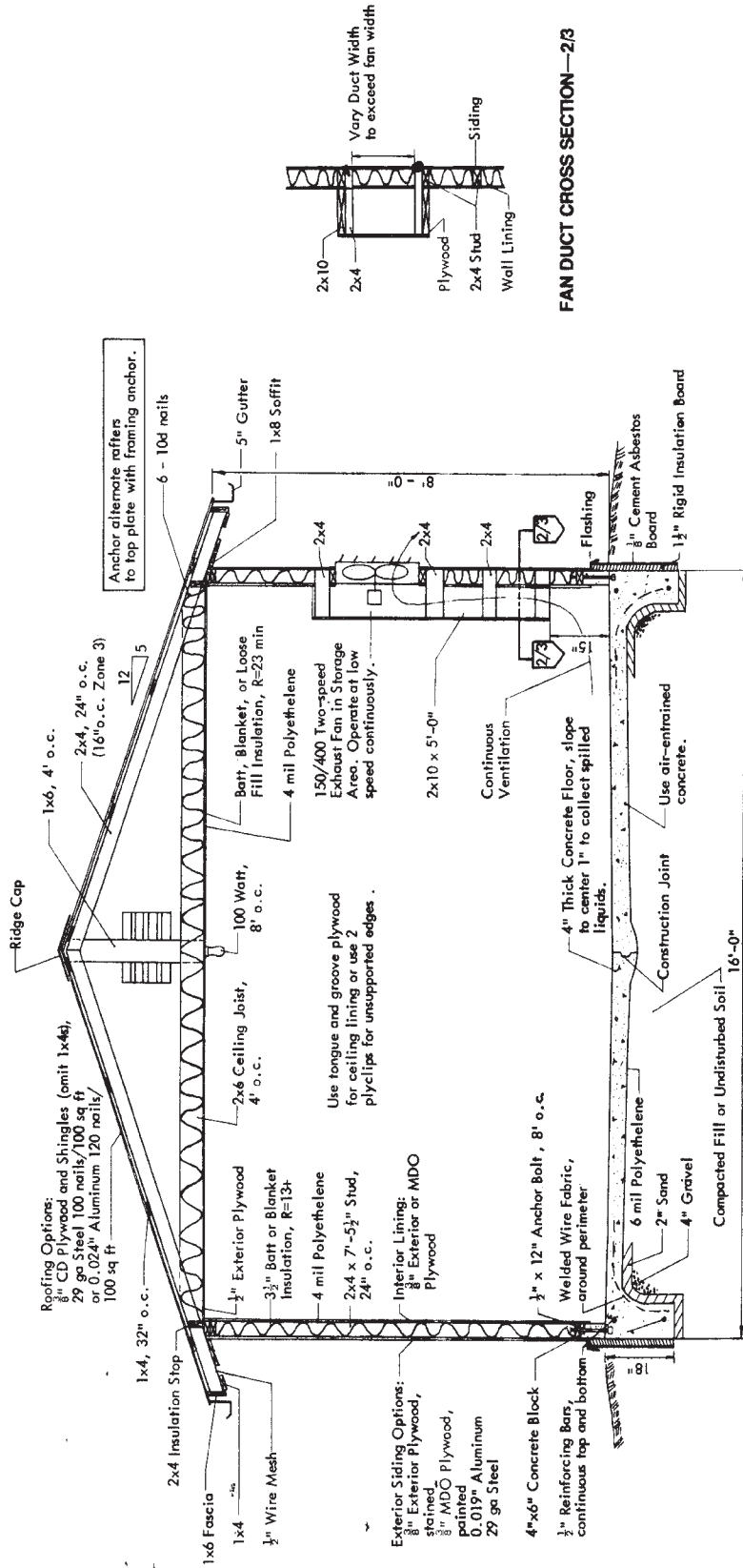
**LIST OF MATERIALS**

Quantity	Description
60	2x4x7' 5/7" Studs
16	2x4x20' Sills and Plates
22	2x4x10' Rafters
6	2x6x16' Ceiling Joists
2	2x4x16' Gable End Framing
7	1x6x8' Rafter Supports
25	1x6x8' Sillails and Floor Purins
25	1x6x8' Pressure Treated (or 1x6x) Sillails
70	700 Hz Ceiling Lining
400 Hz	400 Hz Siding Material
800 Hz	800 Hz Roofing Material
450 Hz	450 Hz Insulation
40	Insulation
200 Hz	200 Hz Ceiling Insulation
70	1 1/2" x 2 1/2" x 8' Perimeter Insulation
10	Board
60	3 1/2" x 5 1/2" x 15 1/2" Hollow Core Concrete Blocks
14	2' x 12' Anchor Bolts
10 yards	Surfaced Concrete
400 Hz	6 mil Polyethylene
2	1-2 1/2 Unit Fire Extinguishers
1	Deluge Shower
1	Louvered Walk Door
1	Double Walk Door
2	12' x 12' Endwall Corners
2	22' x 22' Double Strength Glass Panels
14	Miscellaneous Framing for Windows and Doors
14	Electrical Equipment, see Detail
14	Pumbing for Louver Room and Making Equipment

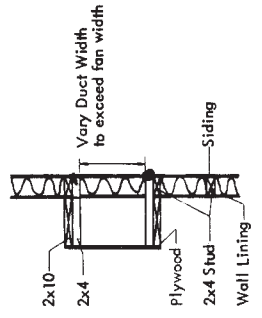
Rafter layout and marking with the framing square.



**CEILING AND ROOF FRAMING DETAIL—12**



CROSS SECTION—1/3



FAN DUCT CROSS SECTION—2/3

