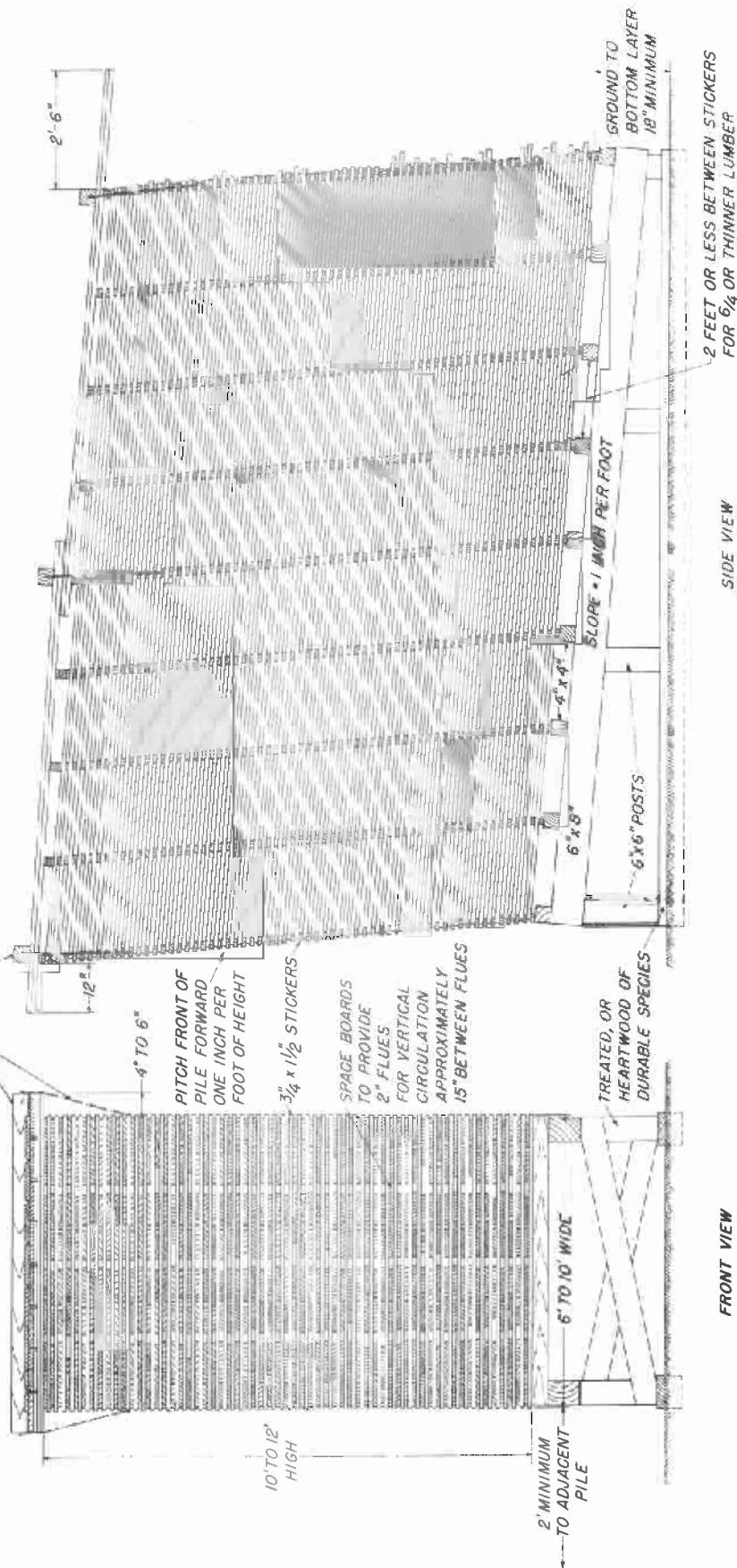


FOREST PRODUCTS LABORATORY
INSTRUCTIONS IN FLAT PILING TO TAKE CARE OF VARIATIONS
IN LOCAL CONDITIONS AND IN SPECIES AND SIZES OF STOCK

To reduce the occurrence of:

Checking	Warping	Blue stain and decay
<u>Note:</u> <u>A relatively slow initial drying rate is needed.</u>	<u>Note:</u> <u>Proper support and freedom from external forces are needed.</u>	<u>Note:</u> <u>Fast surface drying is needed or chemical treatment.</u>
1. Use wider piles or a double-pile on a common foundation.	1. Place stickers in exact alinement over good foundation members.	1. Reduce width of pile.
2. Use minimum space between piles (2 feet).	2. Use close spacing between stickers, such as 16 inches.	2. Increase width of flues.
3. Use minimum width of flues (1 inch).	3. Use stickers of uniform thickness.	3. Increase space between piles.
4. Pile boards edge to edge as nearly as possible in upper part of pile.	4. Avoid big variations in board thickness in any one layer.	4. Provide 6 feet or more between rear end of piles.
5. Use minimum thickness of stickers (1/2 inch).	5. Use a roof that provides good protection from sun and rain.	5. Keep yard clean and avoid blocking air space below piles.
6. Use wider projecting stickers in front and rear of pile.	6. Provide some weight on top of pile to hold down top layers.	6. Use a chemical dip (see Forest Products Laboratory Technical Note 225).
7. Use shields around pile to protect against wind, rain, and sun.	7. In drying random length lumber, avoid unprotected and unsupported overhanging ends by sorting for length or by box piling.	
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9. Use end coatings.		

ROOF TIES MAY BE NEEDED
IN WINDY LOCATIONS



ESSENTIAL FEATURES IN PILING FOR AIR SEASONING

INTENDED MAINLY FOR HARDWOOD LUMBER THAT IS PRONE TO CHECK
(SEE INSTRUCTIONS ON REVERSE SIDE)

U.S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

FOREST PRODUCTS LABORATORY
MADISON, WISCONSIN

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INFORMATION REVIEWED
AND REAFFIRMED

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