



MAP SHOWING TEMPERATURE ZONES

TABLE DESCRIBING SUGGESTED WALL & CEILING CONSTRUCTION FOR VARIOUS TEMP ZONES

WALL UNITS	WALL CONSTRUCTION		CEILING CONSTRUCTION		VAPOR BARRIER	ZONE
	INSULATION	INSIDE FINISH	INSULATION	INSIDE FINISH		
I Concrete masonry or structural clay tile	none	3/4" D & M boards	1/2" insul board	Asbestos cement or hard board	None	1
II Concrete masonry or structural clay tile	2" insul board	Asbestos cement, hard board or plaster	2" commercial or 3" dry shavings	Wood asbestos cement, hard board or plywood	None	1
III Concrete masonry or structural clay tile	voids filled with granular insul.	optional	"	"	None	1
IV Concrete masonry or structural clay tile	none	3/4" cement plaster	3/8" insul board	Asbestos cement or hard board	None	1
V Concrete masonry or structural clay tile	2" commercial or 3" dry shavings	optional	2" commercial or 3" dry shavings	Wood asbestos cement, hard board or plywood	None	2
VI Concrete masonry or structural clay tile	3/8" insul board	Asbestos cement, hard board or plaster	1/2" insul board	Asbestos cement, hard board or plaster	None	1



NOTE: (1) Vapor barriers to be building paper, impregnated and coated with asphalt or similar material. (2) Vapor barrier to be 2 coats asphalt base aluminum-flake paint applied to inside surface.

(A) Plywood to be exterior type. (B) or (C) 3/4" - 1" to be used with Manger. (D) or (E) 1/2" or details of roof trusses see chgs. EX. 3653 for 34 ft. & 36 ft. bays and EX. 3655 for 38 ft. bays.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

BARN WALL & CEILING CONSTRUCTION

1-STORY MASONRY BARRNS

U.S.D.A. 49 EX. 8889 SHEET 1 OF 1

SUGGESTED WALL CONST. FOR VARIOUS TEMPERATURE ZONES

CONCRETE MASONRY STRUCTURAL CLAY TILE

CAVITY WALL CONCRETE MASONRY

CAVITY WALL STRUCT. CLAY TILE

WALL DETAIL FOR HURRICANE AREAS