



TO BE USED WHERE STORAGE CANNOT BE CONNECTED TO BASEMENT OF HOUSE AND IS BUILT EITHER IN A BANK OR PARTIALLY UNDERGROUND AND COVERED WITH EARTH. ENTRANCE SHOULD PREFERABLY FACE NORTH.

RAFTERS AND SPREADERS BETWEEN LOWER ENDS OF POSTS TO BE AT LEAST 4" IN DIAMETER. ALL OTHER POSTS, BEAMS AND PURLINS TO BE NOT LESS THAN 6" IN DIAMETER AT SMALL END.

ALL TIMBER BELOW GRADE OR IN CONTACT WITH EARTH TO BE TREATED WITH PRESERVATIVE, SUCH AS PENTACHLOROPHENOL.

HEAVY WIRES OF 2" x 4" 11 GA. GALV. WIRE FENCING SHALL BE RUN LONGITUDINALLY ON SIDES AND ROOF.

ROOF BEAMS TO BE ANCHORED TO POSTS WITH GALV. STEEL U-STRAPS 18 GA. 1/4" WIDE.

ALL FASTENINGS TO BE GALVANIZED.

DURING ERECTION, STRUCTURE SHOULD BE TEMPORARILY BRACED WITH HEAVY DIAGONAL BRACES, AND FILL APPLIED EVENLY AROUND WALLS.

LOUVRES TO BE SCREENED ON INSIDE WITH 16 MESH INSECT SCREEN.

IN AREAS WHERE THERE ARE TERMITES OR DAMPNESS, ALL WOOD MEMBERS SHOULD BE PRESURE-TREATED WITH PRESERVATIVE, OR CONCRETE CONSTRUCTION, AS SHOWN ON PLAN NO.5330 SHOULD BE USED.

THIS CELLAR IS SUITABLE FOR USE AS A STORM CELLAR WHEN PLACED IN A DRY LOCATION AND PROVIDED WITH DRAINS AND EMERGENCY ESCAPE PANELS OR DOORS AS SHOWN.

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
 AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

ROOT CELLAR

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