REVIEWED BY
MTMC

MELINGTER

DATE SANG 1982

PATRIOT

MINIMUM REQUIREMENTS FOR THE HANDLING, STOWAGE, AND BRACING ABOARD SHIPS OF THE COMPLETE ROUND IN MISSILE CANISTER (SHIPPING, STORAGE AND LAUNCH CONTAINER), W/OVERPACK

REVISIONS		Dies /	PT R5#	Lew e	en Burns	
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ot			U.S. ARMY DARCOM DRAWING			
			SEPTEMBER 1982			
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DO NOT SCALE

NOTES

GENERAL:

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH
- B. THIS DRAWING DEPICTS MINIMUM PROCEDURES APPLICABLE TO THE HANDLING, STOWAGE, AND BRACING ABOARD SHIP OF THE COMPLETE ROUND IN MISSILE CANISTER (SHIPPING, STORAGE AND LAUNCH CONTAINER), W/OVERPACK FOR THE PATRIOT MISSILE SYSTEM.
- OTHER TYPES OF CARGO MAY BE STOWED IN THE SAME HOLD OR TWEEN DECK, PROVIDING THE ITEMS STOWED ARE COMPATIBLE WITH THE ITEM SHOWN HEREIN, PERTINENT REQUIREMENTS OF TITLE 46 CODE OF FEDERAL REGULATIONS, 146.29, MUST BE APPLIED.

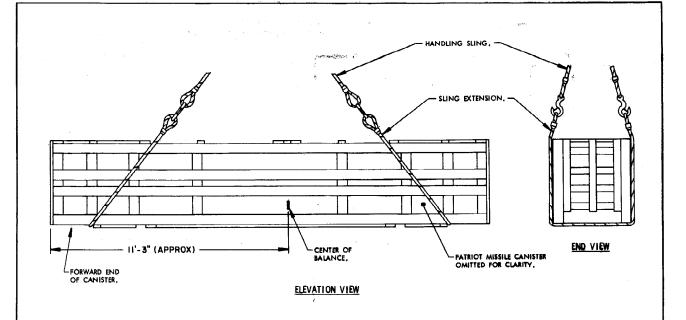
FOR DETAIL OF OVERPACK, SEE U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL DRAWING D-SARAC-4500.

HANDLING:

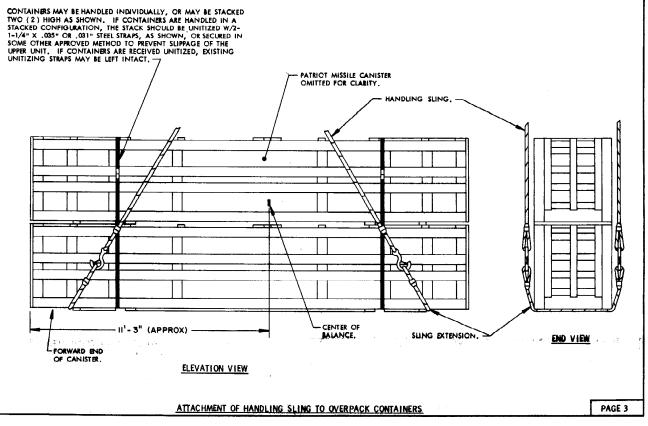
- A. PERTINENT PROVISIONS OF TITLE 46/49 CODE OF FEDERAL REGULATIONS APPLY.
- HANDLING OF THE PATRIOT MISSILE W/OVERPACK SHOULD BE ACCOMPLISHED BY USING SLING EXTENSIONS SECURELY POSITIONED AGAINST THE SKIDS UNDER THE OVERPACK AS SHOWN.
- C. CONTAINERS MAY BE HANDLED INDIVIDUALLY, OR MAY BE STACKED TWO (2) HIGH, CONTAINERS STACKED MUST BE UNITIZED AS TYPICALLY SHOWN ON PAGE 3. CONTAINERS SHOULD NOT BE STACKED MORE THAN TWO (2) HIGH.
- D. THE HANDLING SLING SHOULD BE EQUIPPED WITH SAFETY TYPE HOOKS AND SHALL BE OF A DESIGN AND CONFIGURATION TO LIFT THE ITEM IN SUCH A MANNER THAT THE CABLE LEGS DO NOT APPLY EXCESSIVE PRESSURE WHICH MAY DAMAGE THE WOODEN OVERPACK.
- ALTHOUGH DESIREABLE, A LEVEL LIFT IS NOT MANDATORY. THE CENTER OF BALANCE OF THIS ITEM IS SHOWN TO ASSIST IN DETERMINING CABLE LENGTHS TO ASSURE A SAFE LIFT.

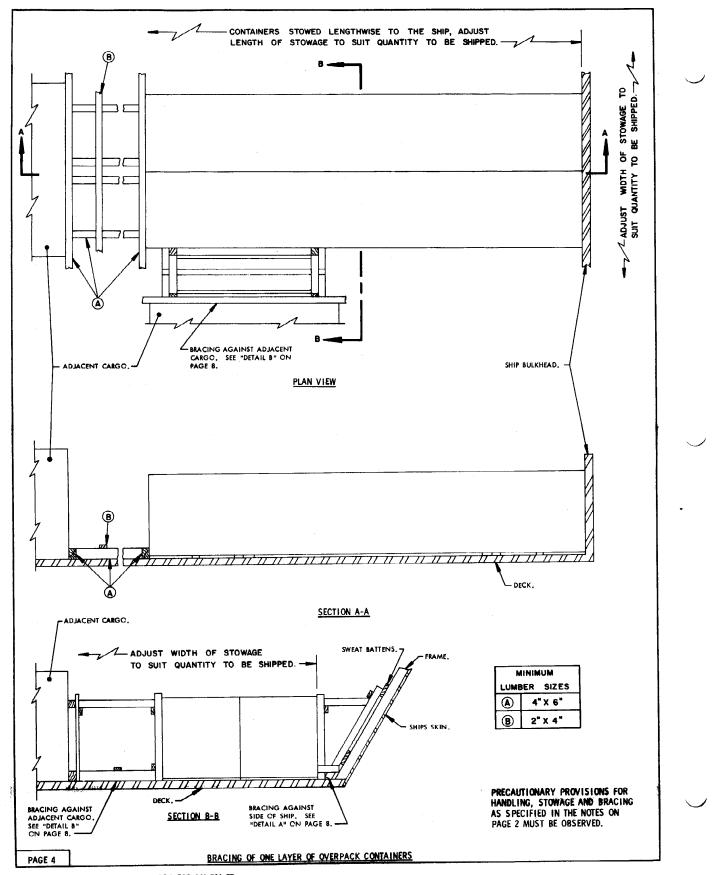
STOWAGE AND BRACING:

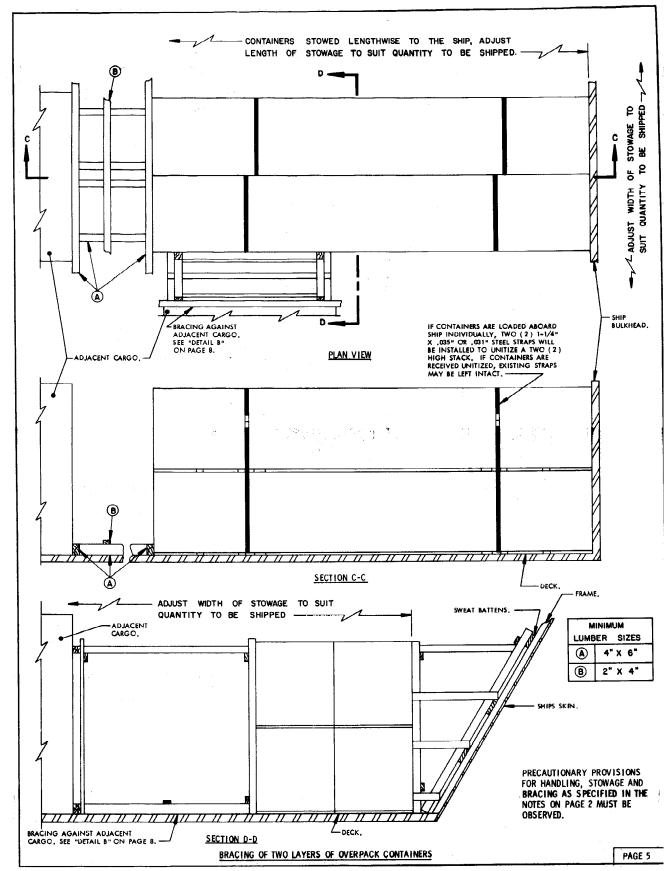
- A. OTHER CARGO ITEMS MAY BE OVER-STOWED ON THE DEPICTED CONTAINERS. CAUTION: THE WEIGHT OF OVER-STOWED CARGO MUST NOT CRUSH OR OTHERWISE DAMAGE THE OVERPACKS OF THE MISSILE CANISTERS.
- B. SPECIES, GRADE AND SIZE OF LUMBER TO BE USED WILL COMPLY WITH REQUIRE-MENTS OF CURRENT SHIPWRIGHT-CARPENTRY AND RELATED SERVICES CONTACTS, BRACING METHODS AND LUMBER SIZE DEPICTED IN THIS DRAWING ARE CONSIDERED MINIMUM AND ARE NOT INTENDED TO CONFLICT WITH CONTRACT REQUIREMENTS.

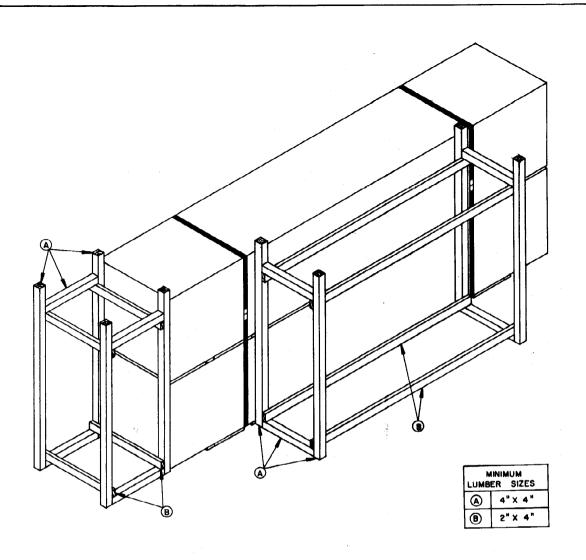


PRECAUTIONARY PROVISIONS FOR MANDLING, STOWAGE AND BRACING AS SPECIFIED IN THE NOTES ON PAGE 2 MUST BE OBSERVED.



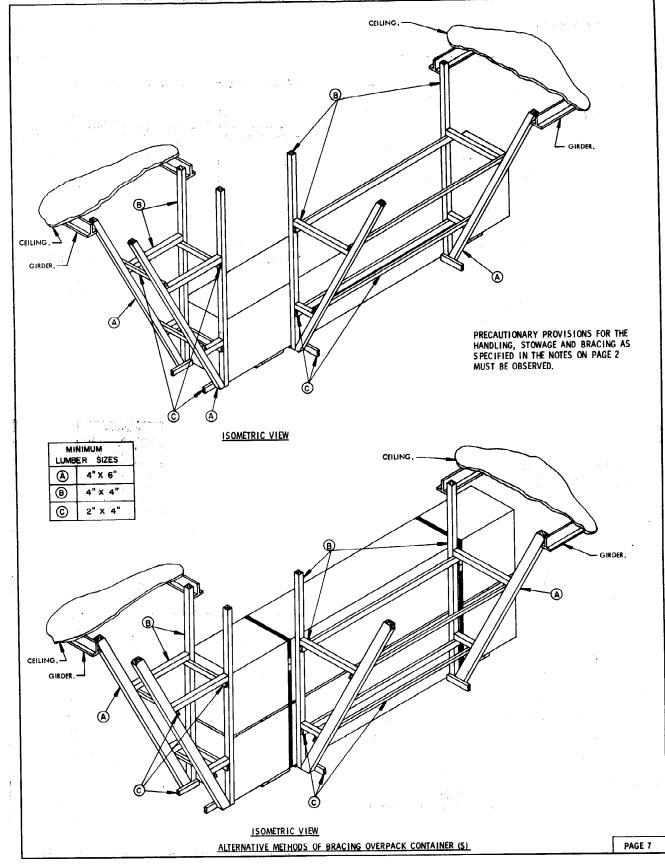


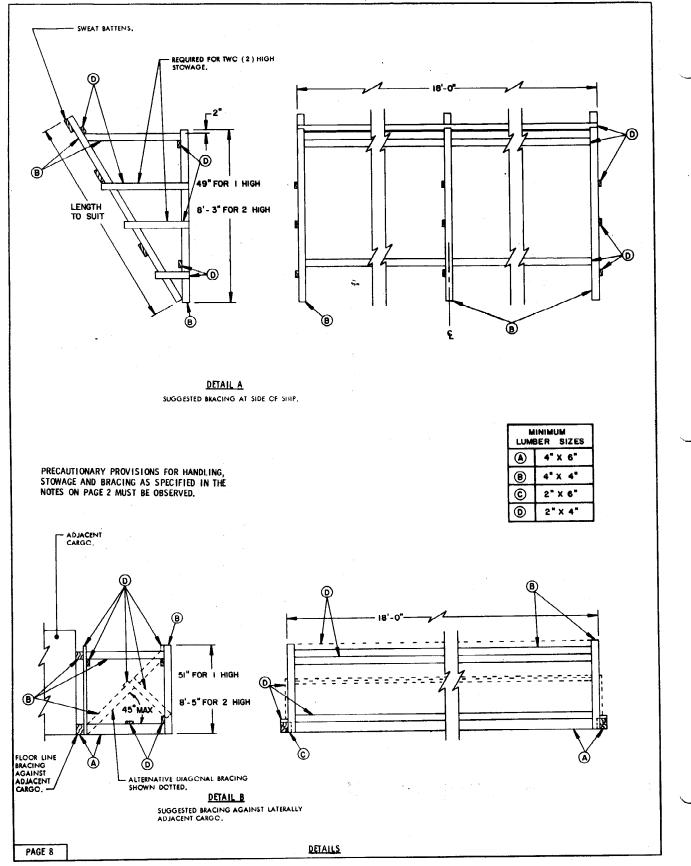




ISOMETRIC VIEW

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