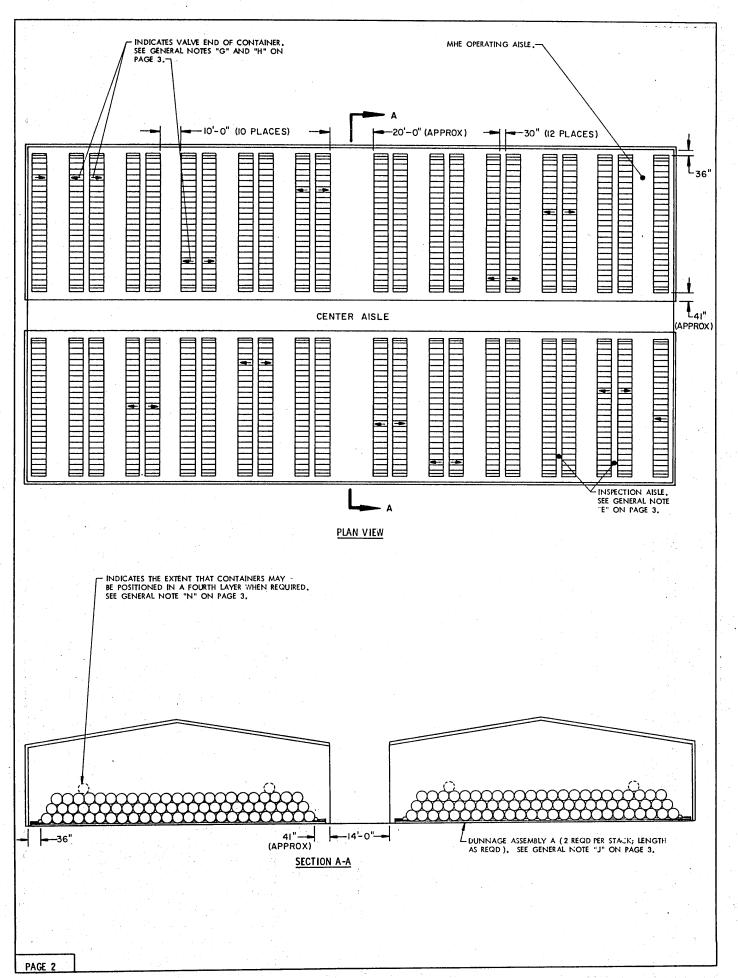
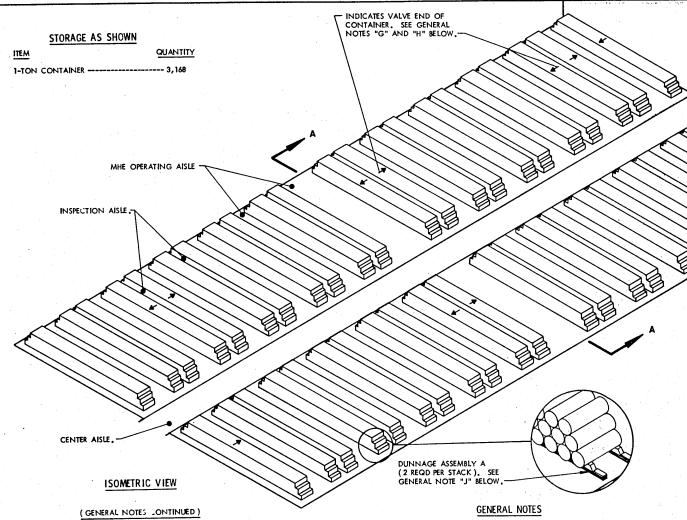
## STORAGE IN TRANSITORY BUILDINGS OF THE I-TON CONTAINER (FILLED)

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				MATERIEL C	PY ORDER OF CO	D READINESS COM	LANO (DARCOM)	
				- Ju	US. ARMY DEFE	ME AMERITON	ENTER AND BCHOOL	
				U. S.	U. S. ARMY DARCOM DRAWING			
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				19	48	4518		

DO NOT SCALE





- J. THE PROCEDURES AS SHOWN SPECIFY "DUNNAGE ASSEMBLY A" TO SUPPORT BOTTOM LAYER OF CONTAINERS. DUNNAGE ASSEMBLIES "A", "B", AND/OR "C" MAY & USED, AS DESIRED. SEE THE APPROPRIATE DETAILS ON PAGES 4 THROUGH 8.
- K. THE STORAGE FACILITY MUST COMPLY WITH ALL REQUIREMENTS AND BE APPROVED FOR THE STORAGE OF CHEMICAL ITEMS. ALSO, THE MAXIMUM FLOOR LOAD, AS PRESCRIBED BY LOCAL STANDARDS, WILL NOT BE EXCEEDED.
- L. THE PROCEDURES DEPICTED HEREIN WILL NOT BE USED IN OTHER FACILITIES UNLESS SPECIFIC AUTHORIZATION IS OBTAINED.
- M. DUNNAGE LUMBER SPELIFIED THROUGHOUT THIS PROJECURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.
- N. TO PRECLUDE BUILDING SEVERAL PARTIAL STACKS TO HANDLE THE END OF A LOT, CONTAINERS CAN BE PLACED IN A FOURTH LAYER. HOWEVER, FOURTH LAYER CONTAINERS WILL NOT BE PLACED IN THE FIRST TWO STORAGE LOCATIONS AT EACH END OF A STACK (NEAR BUILDING SIDE WALL AND NEAR CENTER AISLE).

## MATERIAL SPECIFICATIONS

LUMBER -----:: SEE TM 743-200-1, DUNNAGE LUMBER, FED SPEC MM-L-751.

NAILS -----:: COMMON, FED SPEC FF-N-105.

STRUCTURAL STEEL -- : ROLLED SHAPES, PLATE AND BAR; FED SPEC QQ-S-741D.

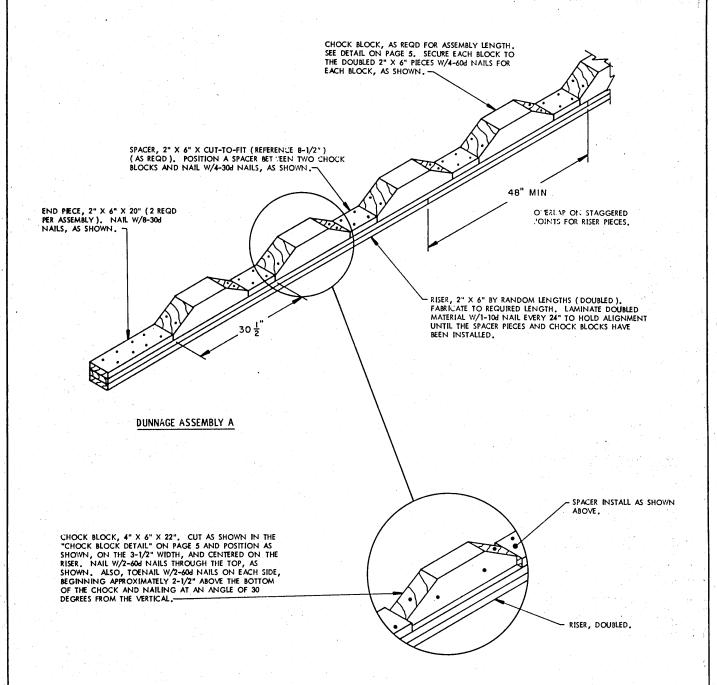
BOLTS -----:: SAE GRADE 1 CARBON STEEL.

- A. THIS DOJUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5), TM 9-1300-206 (CHAPTER 4), AND TM 3-250.
- B. DETAILS OF CONTAINER:

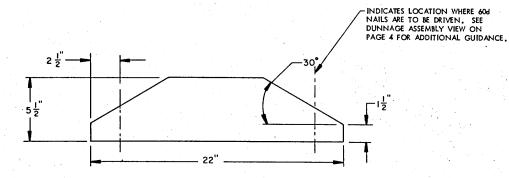
DIMENSIONS ------- 81-1/2" LONG X 30-1/2" DIAMETER. GROSS WEIGHT ----- 3,500 POUNDS (APPROX).

- C. THE STORAGE PLAN DEPICTED HEREIN IS DESIGNED SPECIFICALLY FOR A TRANSITORY STORAGE BUILDING, APPROXIMATELY 154' WIDE BY 300' LONG, LOCATED AT LIMATILLA ARMY DEPOT ACTIVITY.
- D. THIS STORAGE PLAN IS BASED ON THE USE OF A 6000 POUND MINIMUM CAPACITY FORKLIFT TRUCK OR A MOBILE WARRHOUSE TYPE CRANE. MHE WILL BE EQUIPPED WITH AN MI LIFTING BEAM (NSN 1730-00-368-6195) "/HICH PERMITS A CONTAINER TO BE REMOVED FROM ANY LOCATION WITHIN A STACK WITHOUT EXCESSIVE RELOCATION OF OTHER CONTAINERS, ATTACHMENT DEVICES USED FOR SECURING THE MI LIFTING BEAM TO THE FORKLIFT TRUCK OR MOBILE CRANE WILL BE OF A TYPE AND DESIGN AS APPROVED BY THE DEFENSE AMMUNITION CENTER AND SCHOOL (DACS) AND THE FIELD SAFETY ACTIVITY OF THE MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM).
- E. AISLE DIMENSIONS SHOWN IN THIS DRAWING MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR MATERIALS HANDLING EQUIPMENT; HOWEVER, BOTH ENDS OF EACH CONTAINER MUST BE ACCESSIBLE BY NOT LESS THAN A 30" WIDE AISLE TO PERMIT ADEQUATE INSPECTION.
- F. STORED CONTAINERS MUST NOT CONTACT THE WALLS OF THE BUILDING.
- G. THE VALVE END OF ALL CONTAINERS WILL BE ORIENTED TO FACE THE MHE OPERATING AISLES. SEE THE STORAGE VIEWS FOR ADDITIONAL GUIDANCE ON CONTAINER ORIENTATION.
- H. VALVES ON EACH CONTAINER WILL BE POSITIONED IN THE PROPER VERTICAL OF HORIZONTAL ALIGNMENT, AS REQUIRED FOR THE SPECIFIC CHEMICAL AGENTS IN THE CONTAINER.

(CONTINUED AT LEFT)



ALTERNATIVE CHOCK BLOCK DETAIL



## CHOCK BLOCK

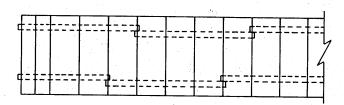
6" X 6" MATERIAL

USE 4" X 6" MATERIAL FOR ALTERNATIVE.

ALTHOUGH THE SPECIFICATIONS FOR BOTH CHOCK BLOCKS (6"  $\times$  6" AND 4"  $\times$  6") ARE BASED ON THE USE OF NOMINAL SIZED LUMBER, FULL SIZE LUMBER MAY BE USED.

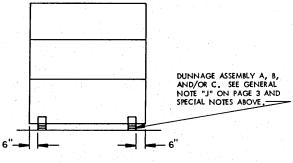
## SPECIAL NOTES

- WHEN USING DUNNAGE ASSEMBLY A, THE ASSEMBLY SHALL BE CONSTRUCTED
  OF THE LENGTH AS REQUIRED TO HOLD THE NUMBER OF CONTAINERS IN
  THE BOTTOM LAYER OF A STACK.
- 2. WHEN USING DUNNAGE ASSEMBLY B AND/OR C, AS DETAILED ON PAGES 6 THRU B, THE LONGITUDINAL LAP JOINTS OF DUNNAGE ASSEMBLIES ON ONE SIDE OF A STACK OF CONTAINERS MUST BE STAGGERED FROM THE LAP JOINTS ON THE OTHER SIDE OF THE SAME STACK OF CONTAINERS. SEE THE PARTIAL PLAN VIEW ON THE RIGHT OF THIS PAGE FOR ADDITIONAL GUIDANCE RELATIVE TO THE POSITIONING OF DUNNAGE ASSEMBLIES B AND/OR C.



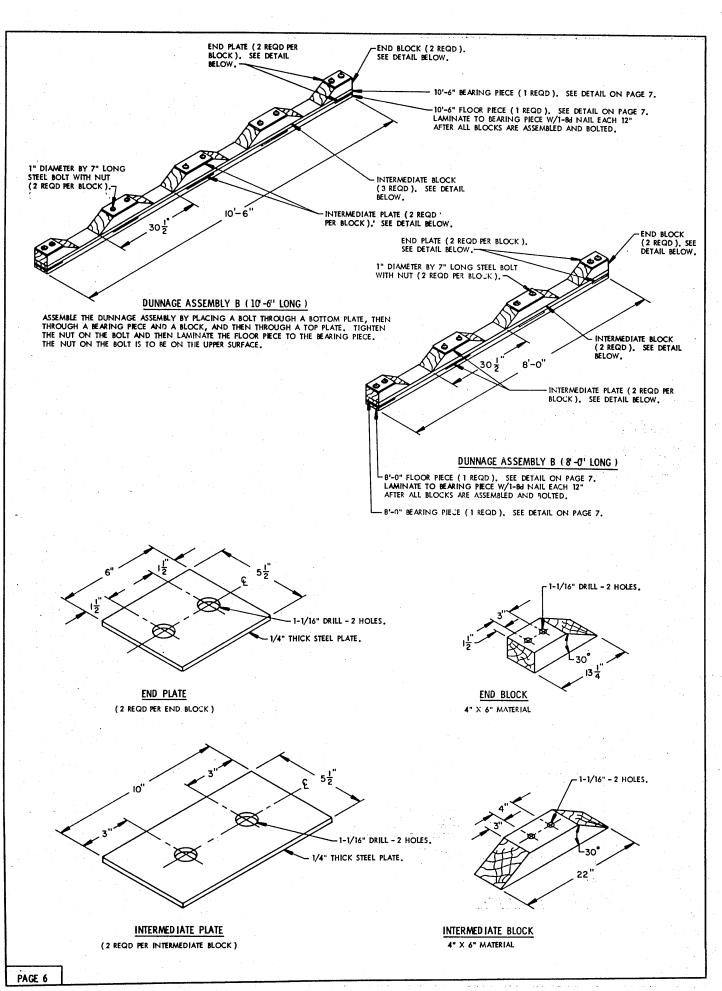
PARTIAL PLAN VIEW

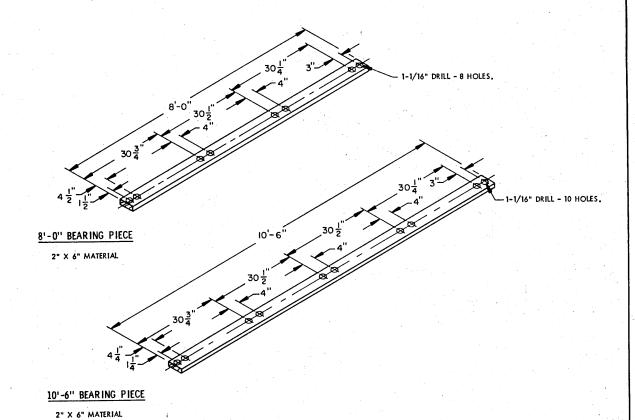
SEE SPECIAL NOTE 2 AT LEFT.

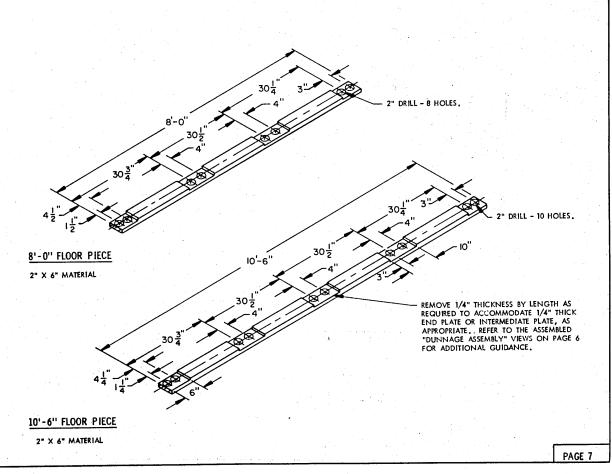


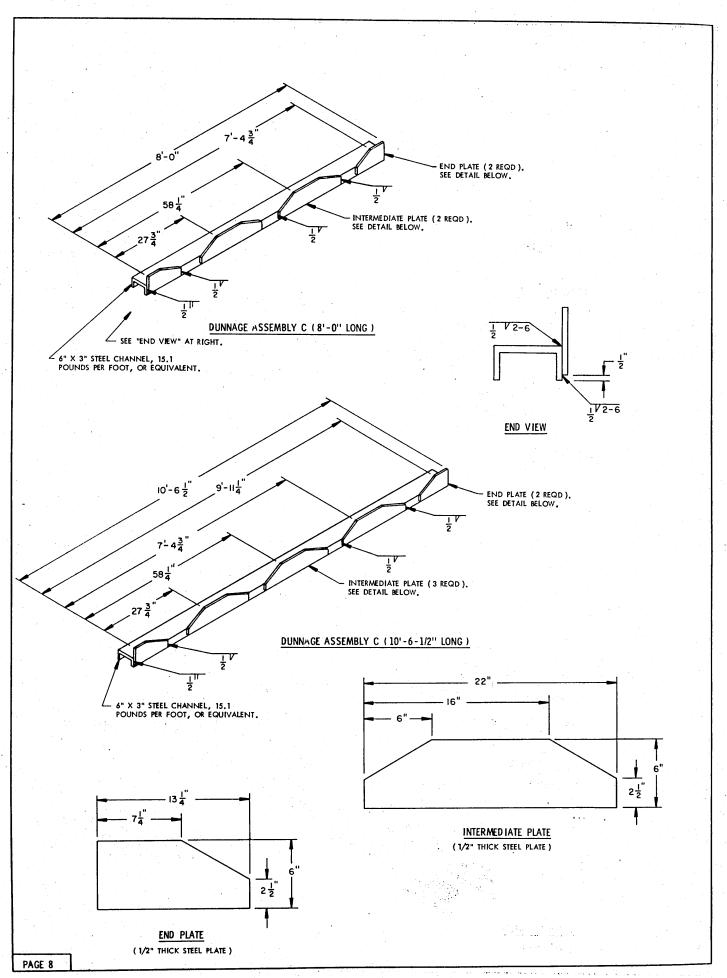
PLACEMENT OF DUNNAGE DETAIL

PAGE 5









PROJECT CB 52-78