

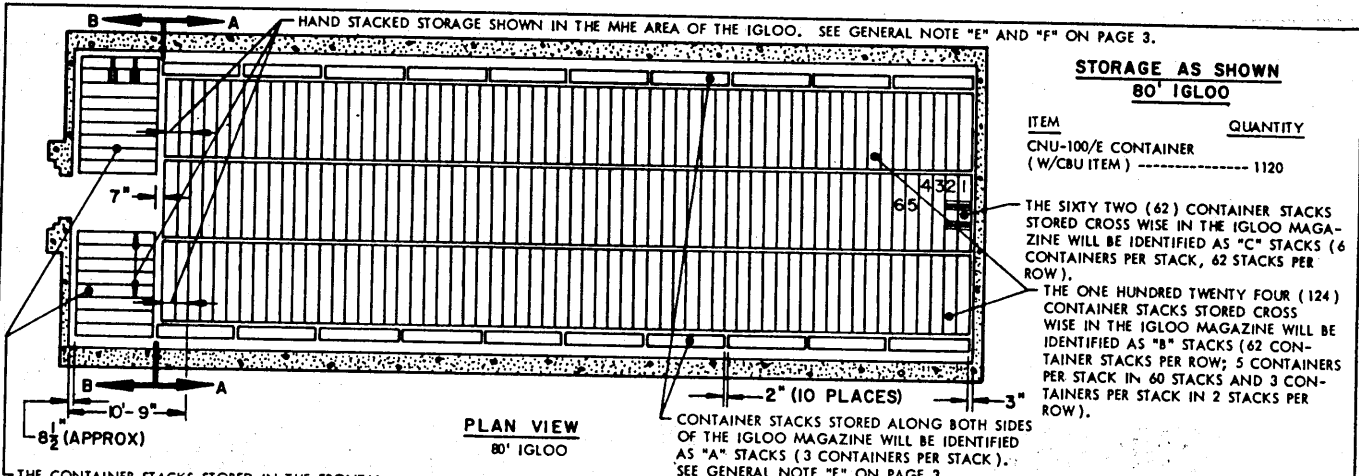
# STORAGE IN 60' & 80' IGLOO AND 80' STRADLEY MAGAZINES OF CBU ITEMS PACKED IN THE CNU-100/E CONTAINER

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APPROVED <b>RJK</b>	FOR USE <b>MWD/ldw</b>	APSA <b>PJS</b>	SUBMITTED <b>W.B. Harding, Col.</b>
CHECKED BY <b>ASH</b>	DATE <b>13</b>	BY <b>13</b>	COMMISSIONED OFFICER, ARMY ENGINEER
REVISIONS			EXAMINED AND APPROVED <b>Ralph Hall</b>
1	JULY 71	<b>[Signature]</b>	APPROVED BY CHIEF OF COMMAND'S OFFICE, U. S. ARMY MATERIEL COMMAND
			<b>[Signature]</b>
			U. S. ARMY MATERIEL COMMAND
			APRIL 1969
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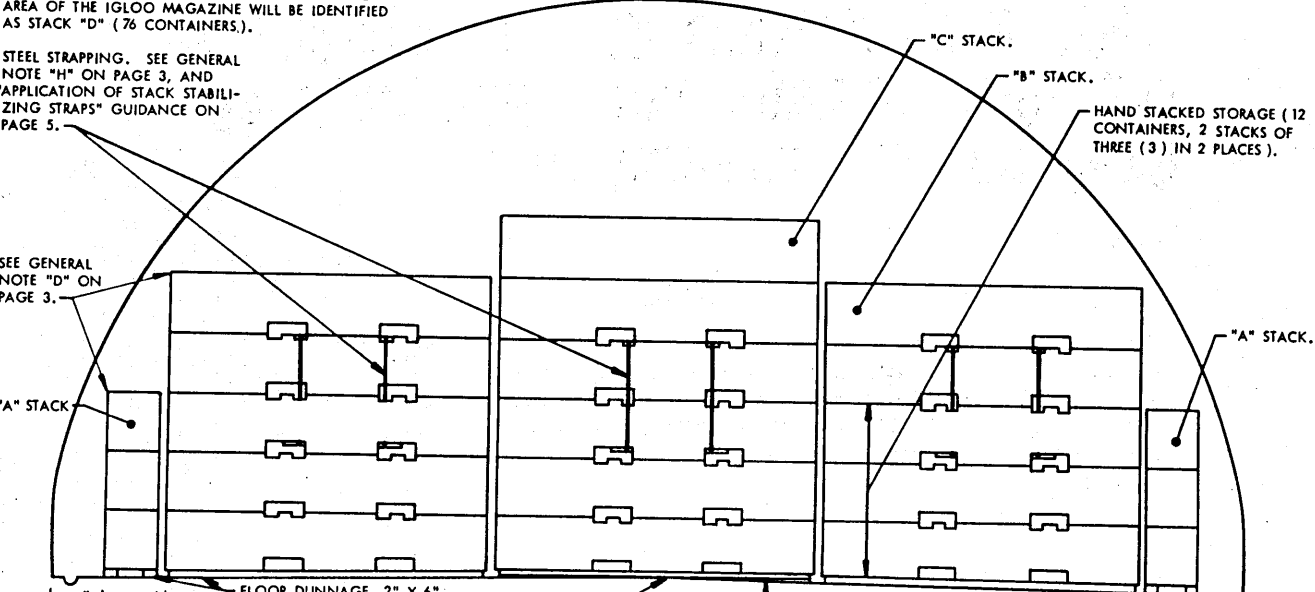


THE CONTAINER STACKS STORED IN THE FRONTAL AREA OF THE IGLOO MAGAZINE WILL BE IDENTIFIED AS STACK "D" (76 CONTAINERS).

STEEL STRAPPING. SEE GENERAL NOTE "H" ON PAGE 3, AND "APPLICATION OF STACK STABILIZING STRAPS" GUIDANCE ON PAGE 5.

SEE GENERAL NOTE "D" ON PAGE 3.

"A" STACK



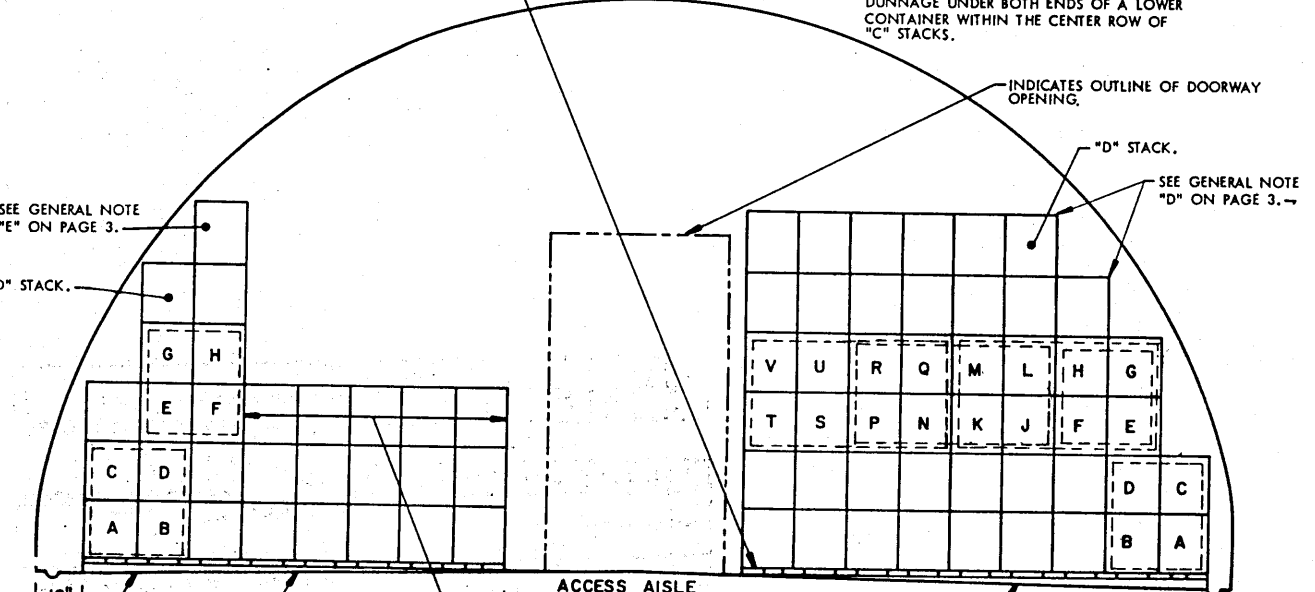
FLOOR DUNNAGE, 2" X 6" X 7'-0" POSITION UNDER EACH JOINT BETWEEN STACKS. SEE "PLACEMENT OF DUNNAGE" DETAIL ON PAGE 6.

SHIM AS REQUIRED TO PROVIDE A LEVEL FULL-BEARING SURFACE FOR THE FLOOR DUNNAGE UNDER BOTH ENDS OF A LOWER CONTAINER WITHIN THE CENTER ROW OF "C" STACKS.

INDICATES OUTLINE OF DOORWAY OPENING.

SEE GENERAL NOTE "E" ON PAGE 3.

"D" STACK.



FLOOR DUNNAGE, 2" X 6" X 7'-0".

ACCESS AISLE 62" (APPROX)

9'-0" WEDGE. SEE "WEDGES" AND "PLACEMENT OF DUNNAGE" DETAILS ON PAGE 6.

STORAGE OF FIFTEEN (15) CONTAINERS ARE SHOWN HAND STACKED IN THE MHE FRONTAL AREA OF THE IGLOO ("D" STACK). SEE GENERAL NOTE "E" AND "F" ON PAGE 3.

**STORAGE AS SHOWN**

**60' IGLOO**

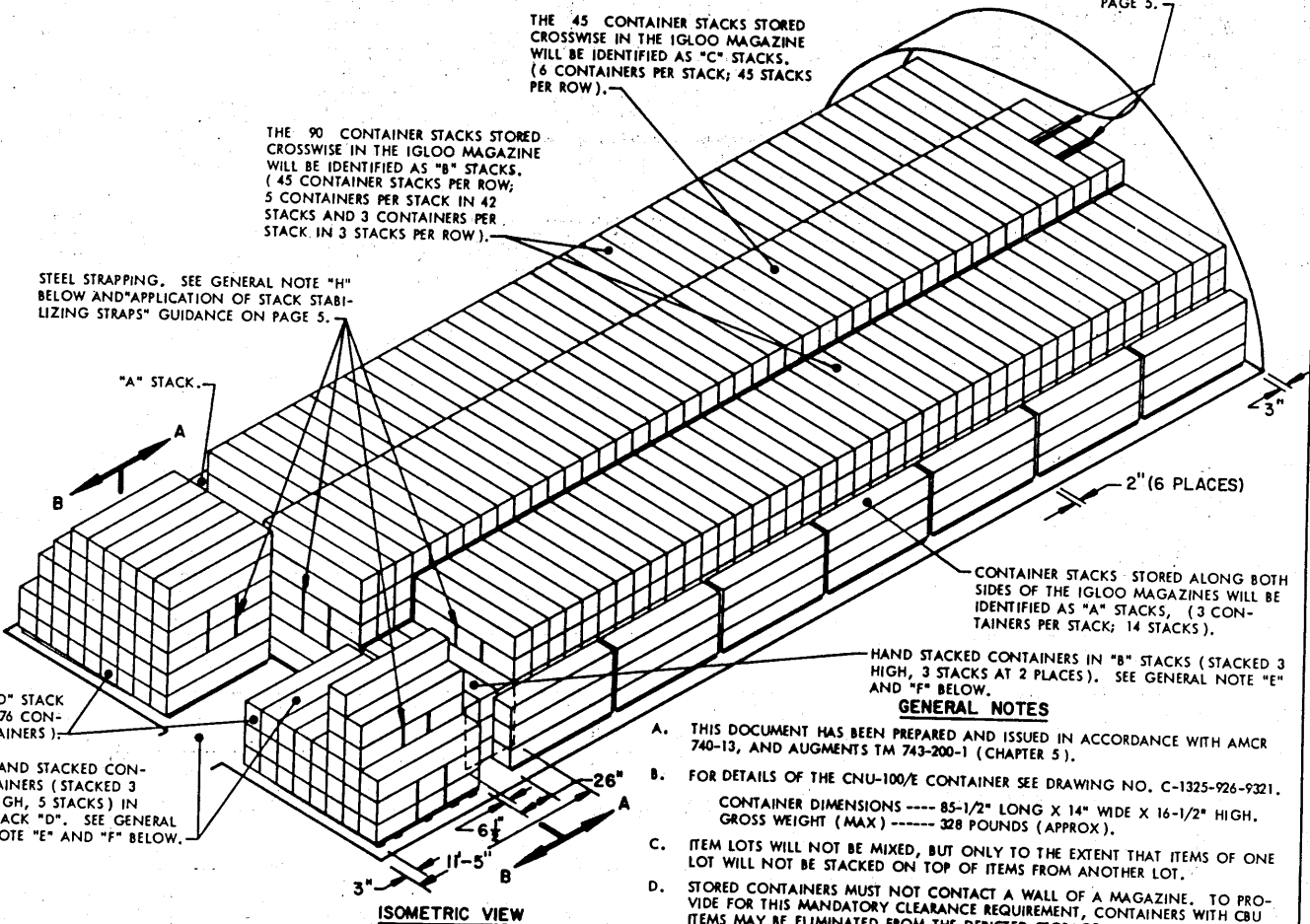
ITEM	QUANTITY
CNU 100/E CONTAINER ----- (W/CBU ITEM)	826

STEEL STRAPPING, SEE GENERAL NOTE "H" BELOW AND "APPLICATION OF STACK STABILIZING STRAPS" GUIDANCE ON PAGE 5.

THE 45 CONTAINER STACKS STORED CROSSWISE IN THE IGLOO MAGAZINE WILL BE IDENTIFIED AS "C" STACKS. (6 CONTAINERS PER STACK; 45 STACKS PER ROW).

THE 90 CONTAINER STACKS STORED CROSSWISE IN THE IGLOO MAGAZINE WILL BE IDENTIFIED AS "B" STACKS. (45 CONTAINER STACKS PER ROW; 5 CONTAINERS PER STACK IN 42 STACKS AND 3 CONTAINERS PER STACK IN 3 STACKS PER ROW).

STEEL STRAPPING. SEE GENERAL NOTE "H" BELOW AND "APPLICATION OF STACK STABILIZING STRAPS" GUIDANCE ON PAGE 5.



CONTAINER STACKS STORED ALONG BOTH SIDES OF THE IGLOO MAGAZINES WILL BE IDENTIFIED AS "A" STACKS, (3 CONTAINERS PER STACK; 14 STACKS).

HAND STACKED CONTAINERS IN "B" STACKS (STACKED 3 HIGH, 3 STACKS AT 2 PLACES). SEE GENERAL NOTE "E" AND "F" BELOW.

**GENERAL NOTES**

- THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AMCR 740-13, AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- FOR DETAILS OF THE CNU-100/E CONTAINER SEE DRAWING NO. C-1325-926-9321. CONTAINER DIMENSIONS ---- 85-1/2" LONG X 14" WIDE X 16-1/2" HIGH. GROSS WEIGHT (MAX) ----- 328 POUNDS (APPROX).
- ITEM LOTS WILL NOT BE MIXED, BUT ONLY TO THE EXTENT THAT ITEMS OF ONE LOT WILL NOT BE STACKED ON TOP OF ITEMS FROM ANOTHER LOT.
- STORED CONTAINERS MUST NOT CONTACT A WALL OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, CONTAINERS WITH CBU ITEMS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- THE MATERIALS HANDLING EQUIPMENT (MHE) OPERATING AREA WITHIN A MAGAZINE AS SHOWN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MHE. ONE OR MORE CONTAINER STACKS, AS NECESSARY, MAY BE OMITTED FROM A DEPICTED STORAGE PATTERN IF THE MHE OPERATING AREA IS NOT OF SUFFICIENT SIZE TO ACCOMPLISH STACKING OPERATIONS. IF A CONTAINER STACK OR MORE IS OMITTED, THE QUANTITY OF FLOOR DUNNAGE PIECES MUST BE ADJUSTED AS REQUIRED.
- IF THE AVAILABLE MHE PERMITS, ADDITIONAL CNU-100/E CONTAINERS WITH ITEMS MAY BE STORED WITHIN THE FRONTAL AREA OF THE MAGAZINES. NOTE: THE HAND STACKED CONTAINERS SHOWN MAY BE OMITTED OR STACKS INCREASED IN HEIGHT AS DESIRED.
- CAUTION:** CONTAINERS MUST NOT BE STACKED MORE THAN SIX (6) CONTAINERS HIGH.
- STACK STABILIZING STRAPS, 3/4" X .028" STEEL STRAPPING BY LENGTH TO SUIT (14'-0" FOR A 4-CONTAINER UNIT; 17'-0" FOR A 6-CONTAINER UNIT; 19'-0" FOR AN 8-CONTAINER UNIT), WILL BE INSTALLED AROUND TWO LAYERS OF TWO AND/OR FOUR ADJACENT STACKS AS INDICATED. TWO (2) STRAPS ARE REQUIRED FOR EACH UNIT. STRAPPING BOARDS (1" X 3" MATERIAL ON TOP AND 1" X 6" MATERIAL ON BOTTOM) SHALL BE PLACED BETWEEN CONTAINERS AND STABILIZING STRAPS. FOUR (4) STRAPPING BOARDS ARE REQUIRED FOR EACH CONTAINER GROUP WITHIN THE UNIT TO BE STRAPPED. SEAL THE LAP JOINT OF THE STRAPPING WITH ONE (1) SEAL PER STRAP. FOR A 4-CONTAINER UNIT SEE "UNIT DETAIL" ON PAGE 6. SEE THE "APPLICATION OF STACK STABILIZING STRAPS" GUIDANCE ON PAGE 5. **CAUTION:** A SINGLE STACK MUST NOT BE STACKED MORE THAN THREE (3) CONTAINERS HIGH WITHOUT BEING STRAPPED TO ADJACENT STACKS.
- TO PERMIT PROPER APPLICATION OF STACK STABILIZING STRAPS AND PROPER PLACEMENT OF WEDGES UNDER FLOOR DUNNAGE, ADJACENT CONTAINER STACKS MUST BE POSITIONED WITH THE "NOSE END" OF THE CONTAINERS IN THE SAME DIRECTION.
- TO PROVIDE FOR STABLE STACKS, SHIMS OF A THICKNESS TO SUIT SHOULD BE USED UNDER BOTH ENDS OF THE FLOOR DUNNAGE SUPPORTING THE CENTER ROW "C" STACKS (SEE PAGES 2 AND 3) AND ROW "G" STACKS (SEE PAGES 4 AND 5).
- IF THE CONTAINERS RECEIVED FOR STORAGE ARE BUNDLED IN UNITS OF FOUR WITH STEEL 1-1/4" STRAP AND/OR NONMETALLIC STRAP, THEY CAN BE STORED WITHOUT RESTRAPPING IF THE IGLOO DOORWAY OPENINGS AND LOCAL MATERIAL HANDLING EQUIPMENT (MHE) PERMITS.

**ISOMETRIC VIEW**  
60' IGLOO

**BILL OF MATERIAL (PER STACK)**

TYPE STACK	DUNNAGE		WEDGES	
	LUMBER	NO. REQD	LENGTH	NO. REQD
"A"	2" X 6" X 7'-0"	2		
"B"	2" X 6" X 7'-0"	ONE (1) REQD FOR EACH STACK WITHIN A ROW PLUS ONE (1).		
"C"	2" X 6" X 7'-0"			
"D"	2" X 6" X 7'-0"	19	9'-0"	10

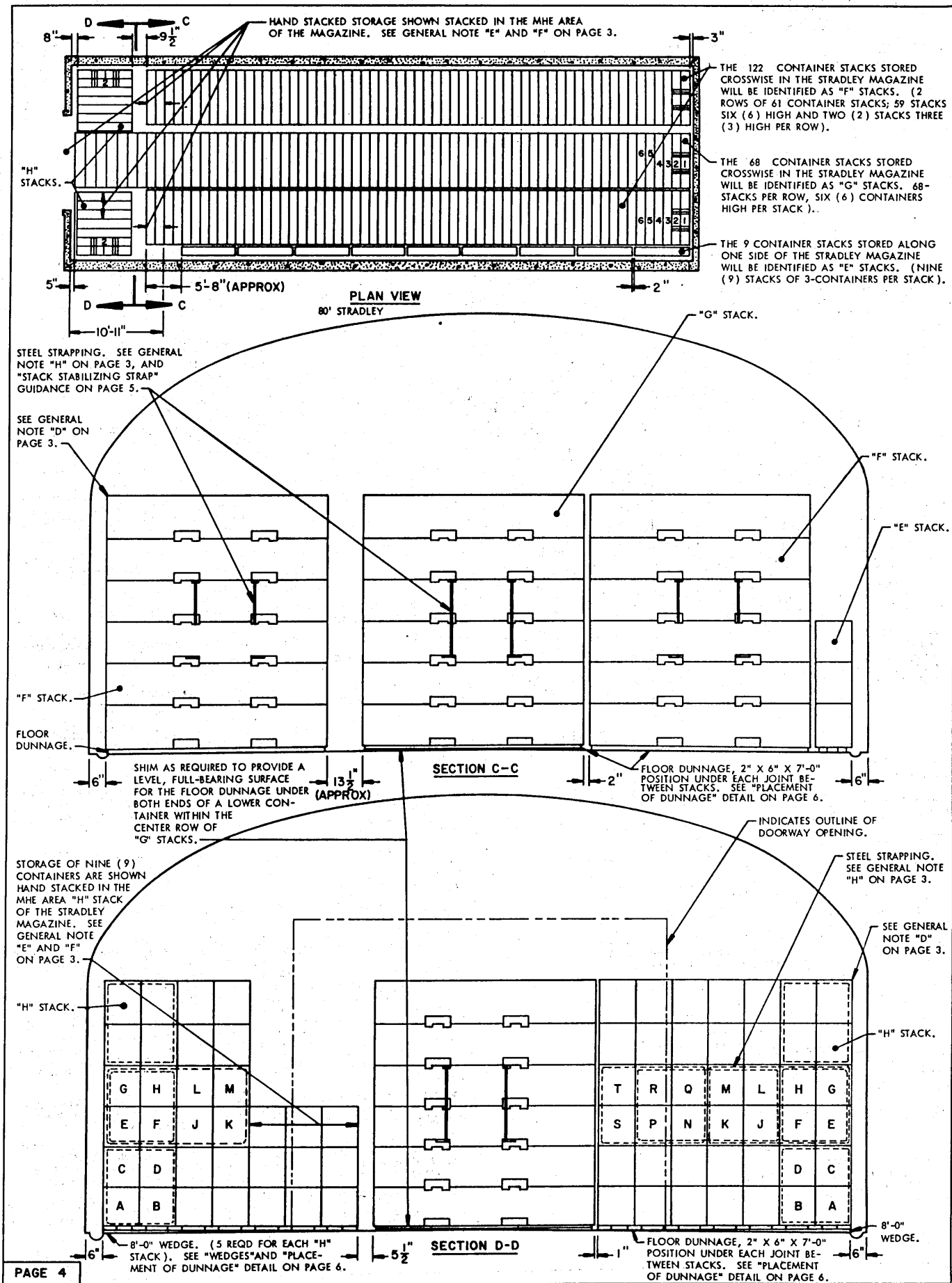
\* INCLUDES ONLY MATERIAL FOR FLOOR DUNNAGE AND WEDGES. SEE PAGE 6 FOR STACK STABILIZING MATERIAL REQUIRED FOR STORAGE AS SHOWN.

**MATERIAL SPECIFICATIONS**

- LUMBER** ----- : SEE TM 743-200-1, DUNNAGE LUMBER; FED SPEC MM-L-751.
- STRAPPING, STEEL**: TYPE I OR IV, CLASS A OR B, FED SPEC QQ-S-781.
- STRAP SEAL** ----- : COMMERCIAL GRADE.

**REVISIONS**

- REVISION NO. 1, DATED JULY 1971, CONSISTS OF:
- CONTAINER DIMENSIONAL CHANGES.
  - BUNDLING PROCEDURES ADDED.
  - PROVISIONS FOR NON-METALLIC STRAPPING.

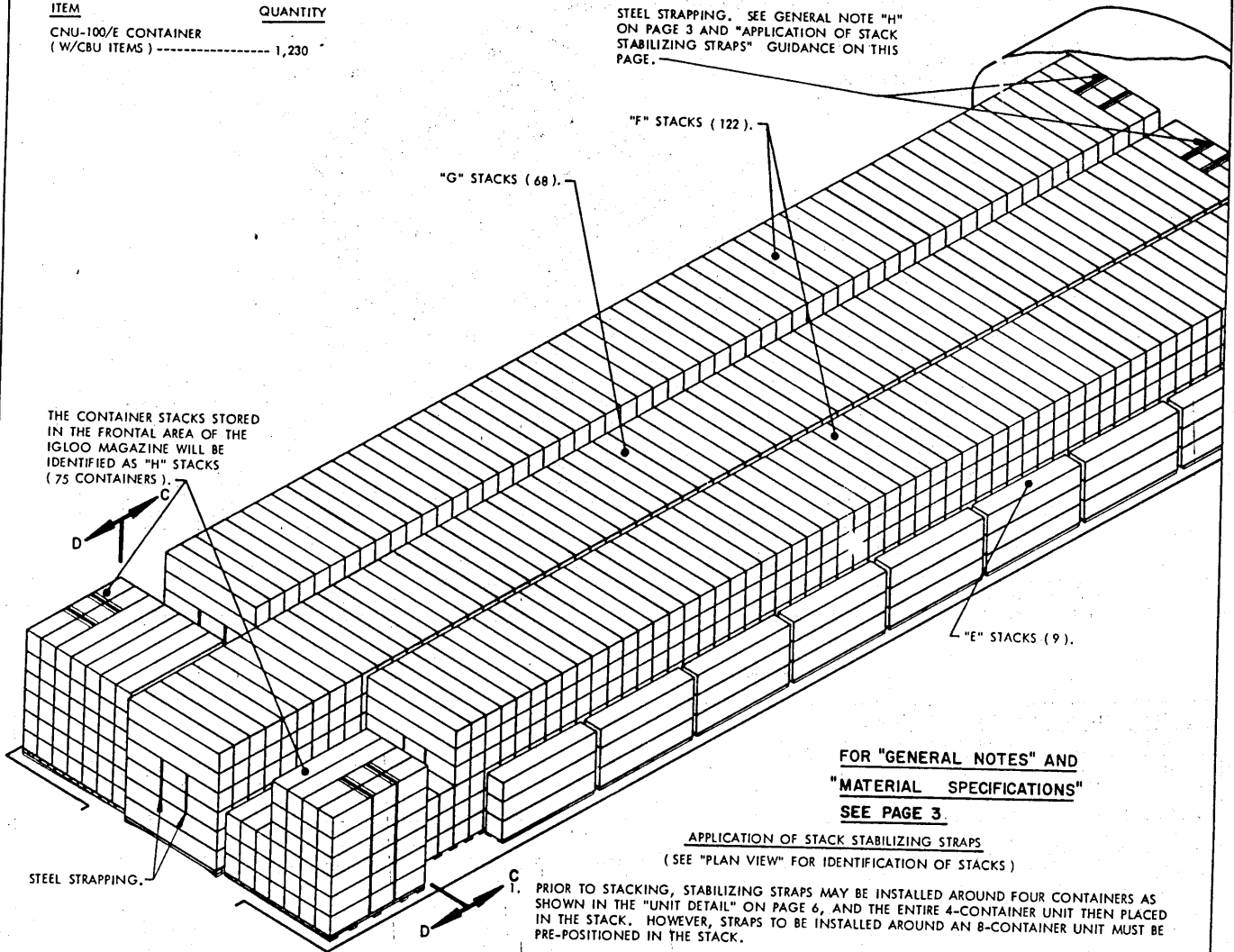


**STORAGE AS SHOWN**

**80' STRADLEY**

ITEM	QUANTITY
CNU-100/E CONTAINER (W/CBU ITEMS)	1,230

STEEL STRAPPING. SEE GENERAL NOTE "H" ON PAGE 3 AND "APPLICATION OF STACK STABILIZING STRAPS" GUIDANCE ON THIS PAGE.



THE CONTAINER STACKS STORED IN THE FRONTAL AREA OF THE IGLOO MAGAZINE WILL BE IDENTIFIED AS "H" STACKS (75 CONTAINERS).

**FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS" SEE PAGE 3**

**APPLICATION OF STACK STABILIZING STRAPS**  
(SEE "PLAN VIEW" FOR IDENTIFICATION OF STACKS)

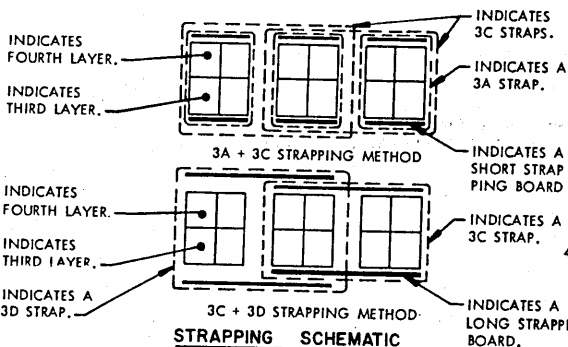
- PRIOR TO STACKING, STABILIZING STRAPS MAY BE INSTALLED AROUND FOUR CONTAINERS AS SHOWN IN THE "UNIT DETAIL" ON PAGE 6, AND THE ENTIRE 4-CONTAINER UNIT THEN PLACED IN THE STACK. HOWEVER, STRAPS TO BE INSTALLED AROUND AN 8-CONTAINER UNIT MUST BE PRE-POSITIONED IN THE STACK.
- FOR "D" AND "H" STACKS:
  - INSTALL TWO (2) STRAPS AROUND FOUR (4) CONTAINERS MARKED A, B, C AND D IN FIRST AND SECOND LAYERS.
  - INSTALL TWO (2) STRAPS AROUND FOUR (4) CONTAINERS MARKED E, F, G, AND H IN THIRD AND FOURTH LAYERS.
  - IN ADDITION, FOR "D" AND "H" STACKS, INSTALL TWO (2) PRE-POSITIONED STRAPS AROUND EACH GROUP OF EIGHT (8) CONTAINERS MARKED E THRU M, J THRU R, AND N THRU V IN THIRD AND FOURTH LAYERS, AS APPLICABLE. SEE NOTE 4 BELOW.
  - ADDITIONALLY, FOR "H" STACKS, INSTALL TWO (2) STRAPS AROUND FOUR (4) CONTAINERS IN FIFTH AND SIXTH LAYERS OF STACKS MARKED 1 AND 2.
- FOR "B", "C", "F" AND "G" STACKS:
  - INSTALL TWO (2) STRAPS AROUND FOUR (4) CONTAINERS IN THIRD AND FOURTH LAYERS OF STACKS MARKED 1 AND 2.
  - EXCEPT FOR "B" STACKS, INSTALL TWO (2) STRAPS AROUND FOUR (4) CONTAINERS IN FIFTH AND SIXTH LAYERS OF STACKS MARKED 1 AND 2.
  - INSTALL TWO (2) PRE-POSITIONED STRAPS AROUND EIGHT (8) CONTAINERS IN THIRD AND FOURTH LAYERS OF STACKS MARKED 1, 2, 3 AND 4.
  - INSTALL TWO (2) PRE-POSITIONED STRAPS AROUND EIGHT (8) CONTAINERS IN THIRD AND FOURTH LAYERS OF STACKS MARKED 3, 4, 5 AND 6.
  - IN A MANNER SIMILAR TO THAT SPECIFIED IN 3A AND 3C OR IN 3C AND 3D ABOVE, INSTALL TWO (2) PRE-POSITIONED STRAPS AROUND EACH GROUP OF EIGHT (8) CONTAINERS IN THIRD AND FOURTH LAYERS OF REMAINING CONTAINER STACKS IN THE ROW. FOR ADDITIONAL GUIDANCE SEE THE "STRAPPING SCHEMATIC" AT LEFT. ALSO, SEE NOTE 4.
- WHEN ANY ROW OF STACKS, SUCH AS "H" STACKS, CONTAIN AN ODD NUMBER OF CONTAINER STACKS, INSTALL TWO (2) PRE-POSITIONED STRAPS AROUND SIX (6) CONTAINERS IN THIRD AND FOURTH LAYERS OF THE LAST THREE (3) CONTAINER STACKS PLACED IN THE ROW.

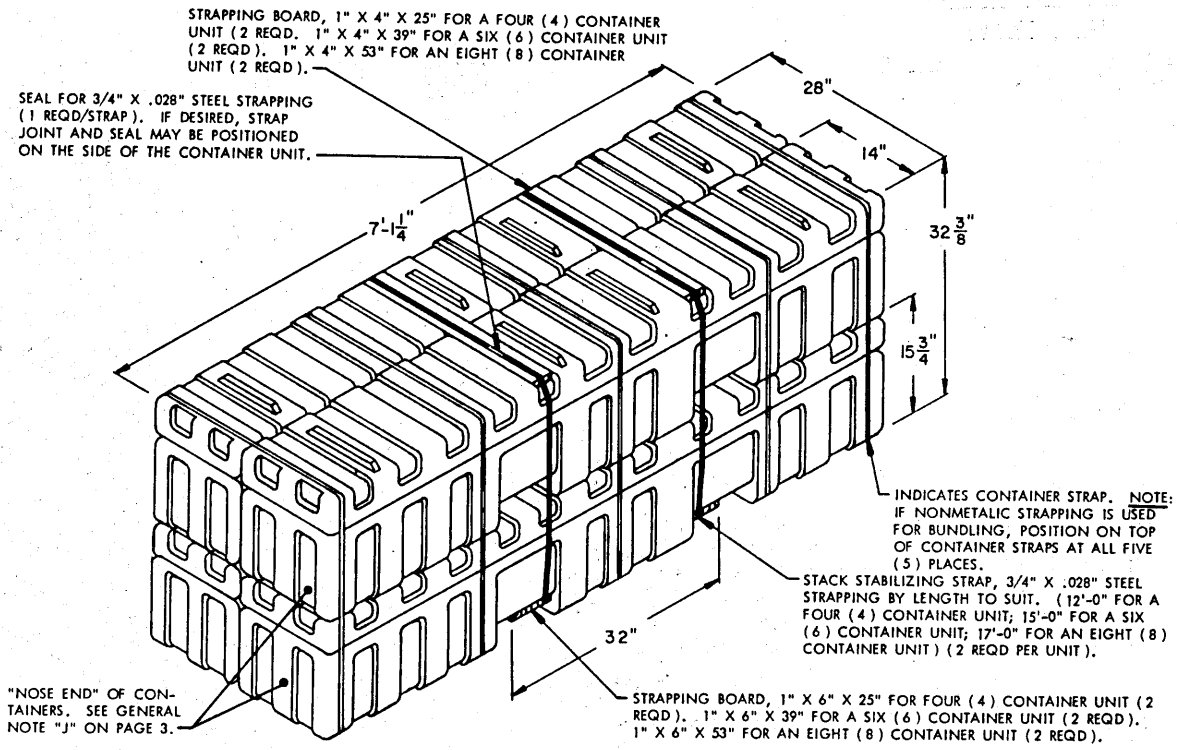
**ISOMETRIC VIEW**

**\*BILL OF MATERIAL (PER STACK)**

TYPE STACK	DUNNAGE		WEDGES	
	LUMBER	NO. REQD	LENGTH	NO. REQD
"E"	2" X 6" X 7'-0"	2		
"F"	2" X 6" X 7'-0"	ONE (1) REQD EACH STACK WITHIN A ROW PLUS ONE (1).		
"G"	2" X 6" X 7'-0"		8'-0"	10
"H"	2" X 6" X 7'-0"			

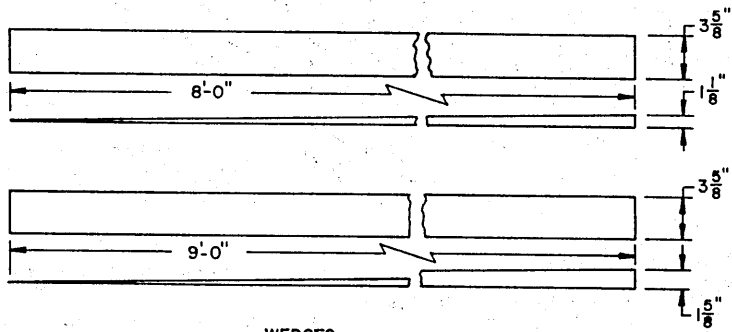
\* INCLUDES ONLY MATERIAL FOR FLOOR DUNNAGE AND WEDGES. SEE PAGE 6 FOR STACK STABILIZING MATERIAL REQUIRED FOR STORAGE AS SHOWN.



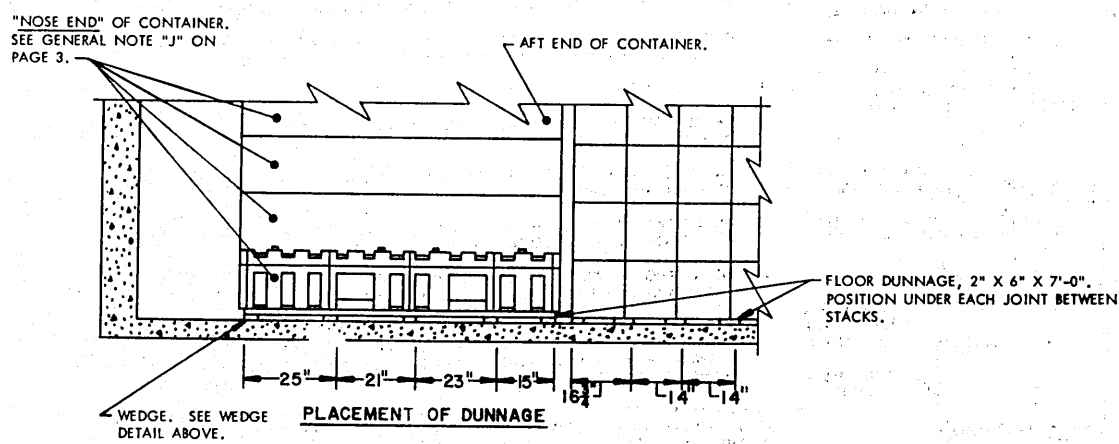


**UNIT DETAIL**

STACK STABILIZING MATERIAL FOR STORAGE AS SHOWN			
MATERIAL	TYPE OF MAGAZINE		
	60' IGLOO	80' IGLOO	80' STRADLEY
LUMBER			
1" X 3"	659	907	954
1" X 6"	339	463	492
STEEL STRAPPING			
3/4" X .028", LBS	172	235	251
SEAL FOR 3/4" STRAPPING, EA.	146	198	214



**WEDGES**



**PLACEMENT OF DUNNAGE**

**DETAILS**