

STORAGE IN APPROVED MAGAZINES OF CONTROL SECTION FOR THE SHRIKE MISSILE, PACKED 2 PER MK 394 CONTAINER, UNITIZED 6 CONTAINERS PER PALLET UNIT

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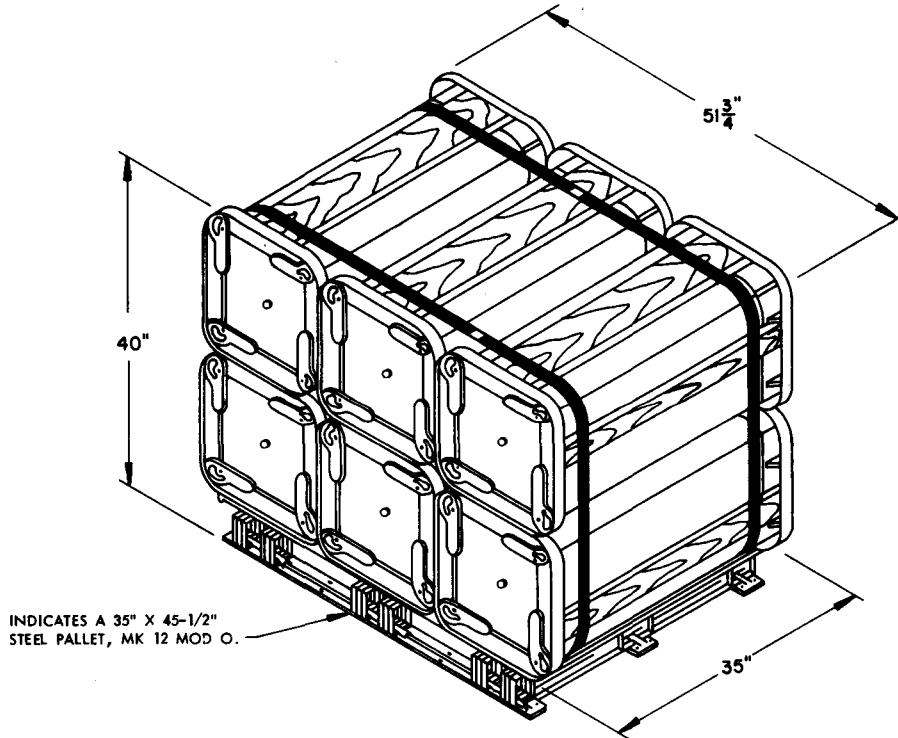
DO NOT SCALE

GENERAL NOTES

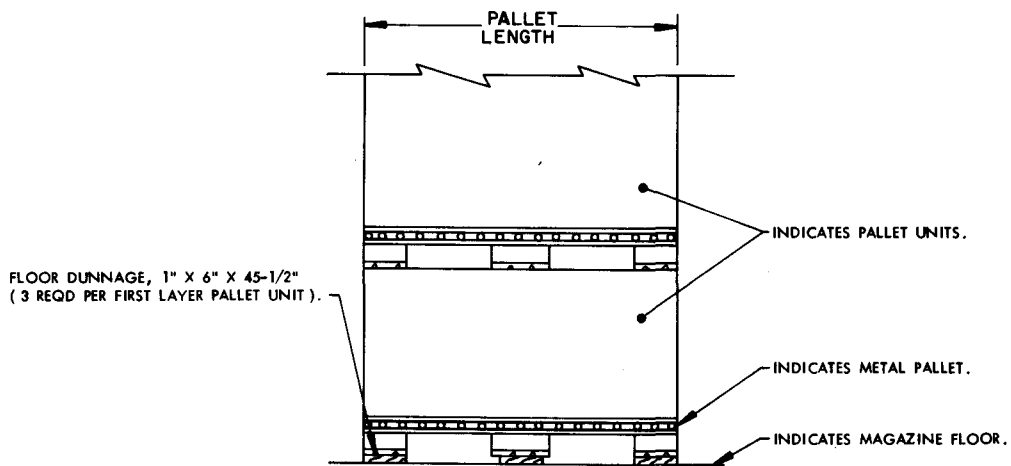
- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. THE STORAGE PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO THE CONTROL SECTION PACKED TWO PER MK 394 CONTAINER, UNITIZED SIX CONTAINERS PER PALLET UNIT FOR THE SHRIKE MISSILE SYSTEM.
- C. FOR DETAILS OF THE PALLETIZED UNIT, SEE THE NAVAL SEA SYSTEMS COMMAND DRAWING WR-54/103 AND THE "PALLET UNIT DETAIL" ON PAGE 3.
- PALLET UNIT DIMENSIONS -----35" LONG BY 51-3/4" WIDE BY 40" HIGH.
GROSS WEIGHT-----798 POUNDS (APPROX).
- D. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR STORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES DEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOLLOWED.
- E. AISLE DIMENSIONS AS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIAL HANDLING EQUIPMENT (MHE).
- F. IF AVAILABLE MHE PERMITS, ADDITIONAL PALLET UNITS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- G. STORED PALLET UNITS MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, PALLET UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- H. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEMS.
- J. IF THE QUANTITY OF PALLET UNITS FOR A MAGAZINE IS TO BE REDUCED FROM WHAT IS SHOWN HEREIN, THE DELINEATED PROCEDURES ARE TO BE ADJUSTED BY OMITTING STACKS RATHER THAN OMITTING LAYERS.
- K. ANY PALLET UNIT THAT DOES NOT CONSIST OF A FULL QUANTITY OF CONTAINERS WILL NOT BE BURIED IN STORAGE. IT MUST BE POSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
- L. THE USE OF "FLOOR DUNNAGE" UNDER METAL PALLETS IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAWING. THE PURPOSE OF FLOOR DUNNAGE IS TO HELP KEEP THE RUNNER OF A PALLET DRY, THUS AIDING IN PREVENTING DETERIORATION DUE TO OXIDATION (RUSTING). THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR. ALSO, IN LIEU OF USING ONE-INCH THICK FLOOR DUNNAGE AS SPECIFIED, THE USE OF THICKER FLOOR DUNNAGE MAY BE REQUIRED, AND SHOULD BE USED, TO ACHIEVE THE DESIRED OBJECTIVE.
- M. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP LAYER PALLET UNITS IN THE STACKS SHOWN IN THE STORAGE VIEWS HEREIN, UNLESS TWO UPPER PALLET UNITS ARE HANDLED AS ONE LIFT OR THE PACKAGE GUARD IS REMOVED (TINE CARRIAGE WILL IN MOST INSTANCES PROVIDE ADEQUATE PACKAGE GUARD PROTECTION). ONLY A FORKLIFT TRUCK OF ADEQUATE CAPACITY WILL BE USED WHEN LIFTING TWO PALLET UNITS AS ONE LIFT.
- N. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE, OR 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.
- O. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- P. PALLET UNITS PRESENTLY STORED IN ACCORDANCE WITH A PRIOR APPROVED DRAWING NEED NOT BE RE-STORED SOLELY TO CONFORM TO THE PROCEDURES SPECIFIED IN THIS DOCUMENT.
- Q. FOR ADDITIONAL GUIDANCE, ATTENTION IS DIRECTED TO THE "SPECIAL NOTES" SECTIONS WHICH ARE IMMEDIATELY ADJACENT TO THE DEPICTED STORAGE METHODS.
- R. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4 MM AND ONE POUND EQUALS 0.454 KG.

MATERIAL SPECIFICATION

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

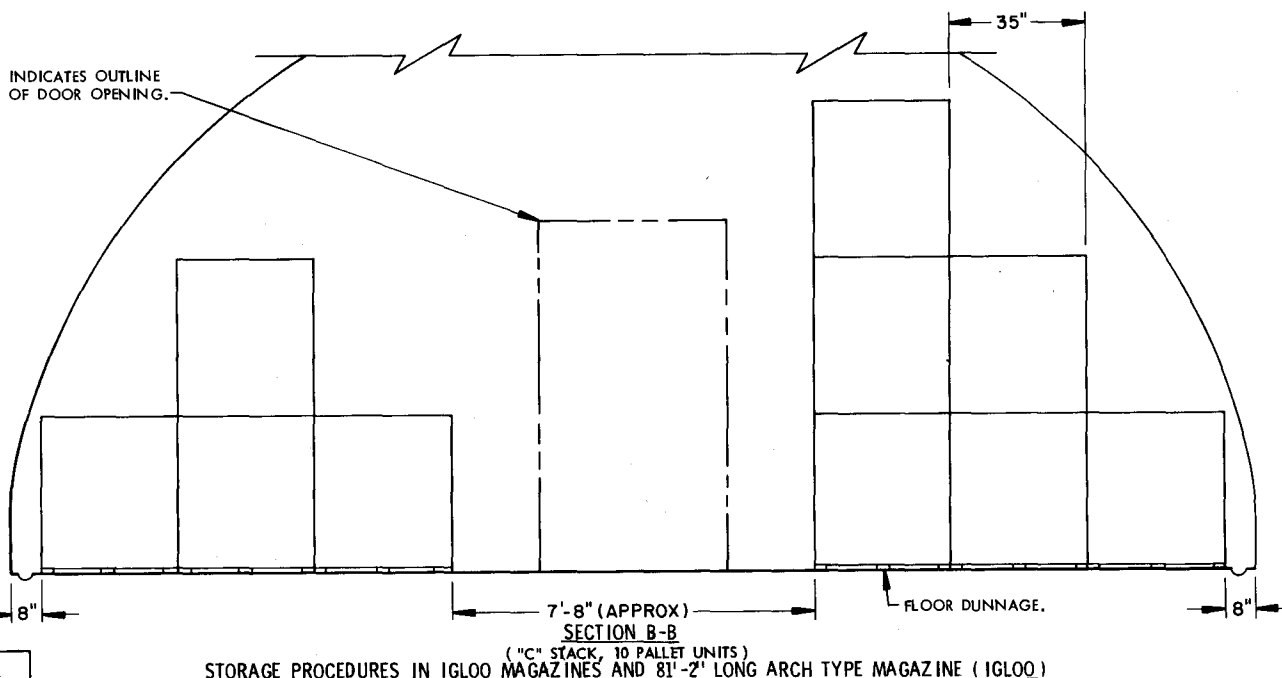
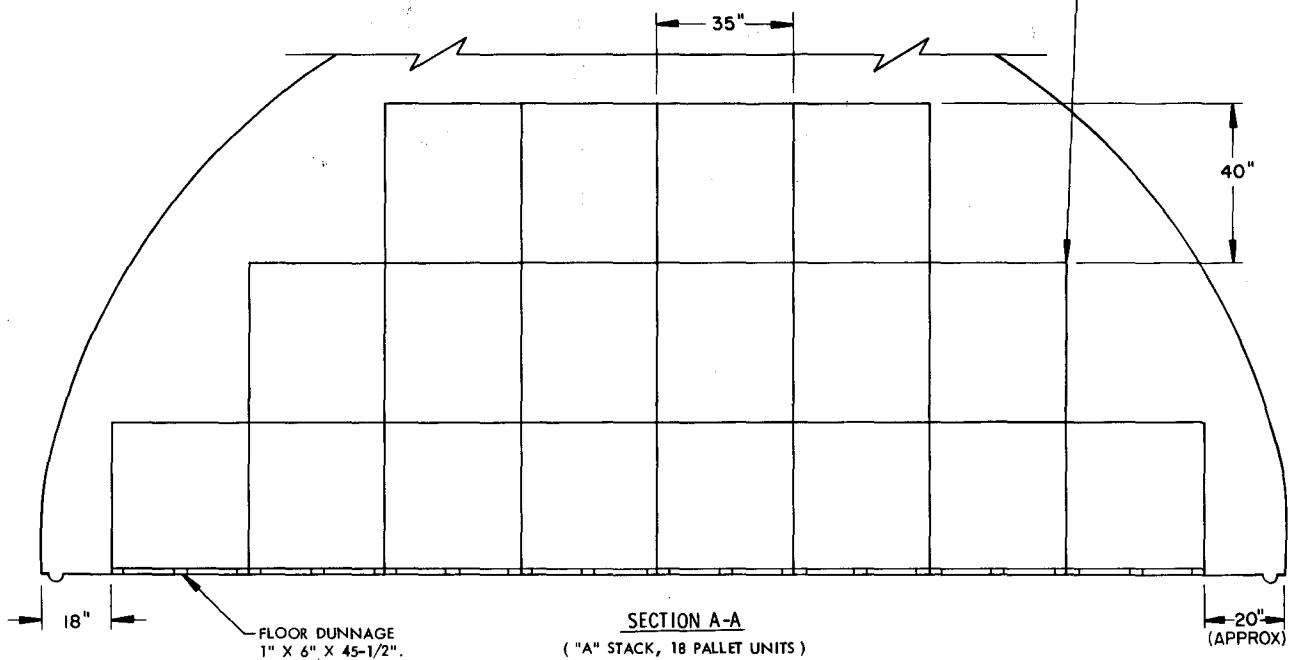
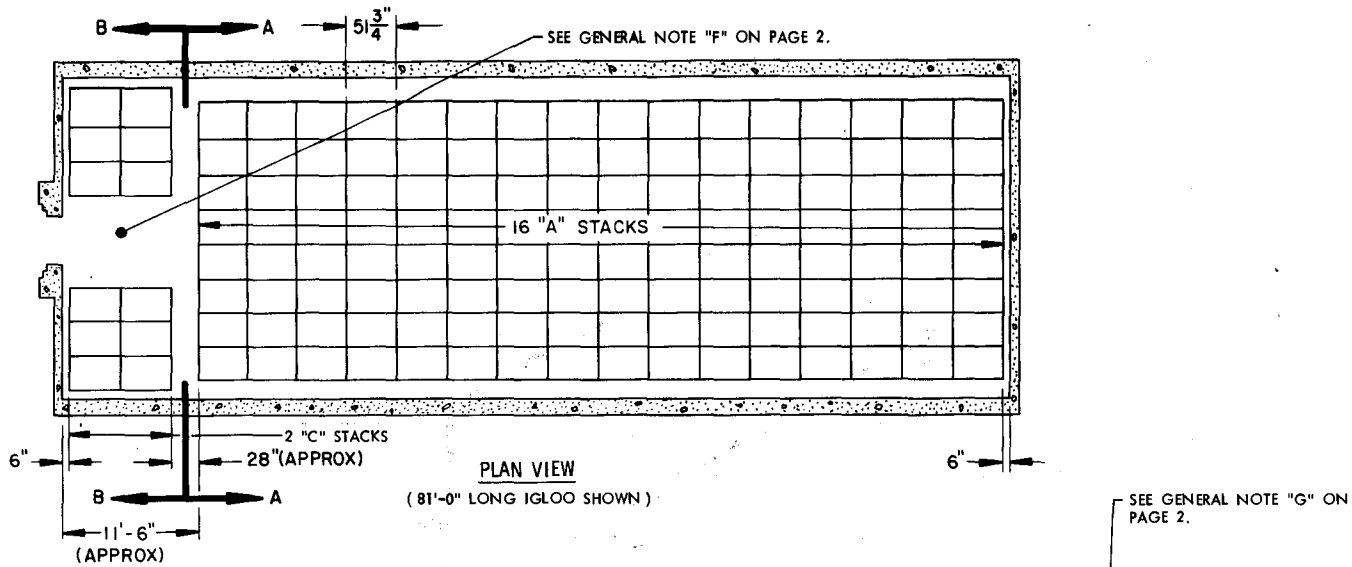


PALLET UNIT DETAIL
SEE GENERAL NOTE "C" ON PAGE 2.



FLOOR DUNNAGE LOCATION
SEE GENERAL NOTE "L" ON PAGE 2.

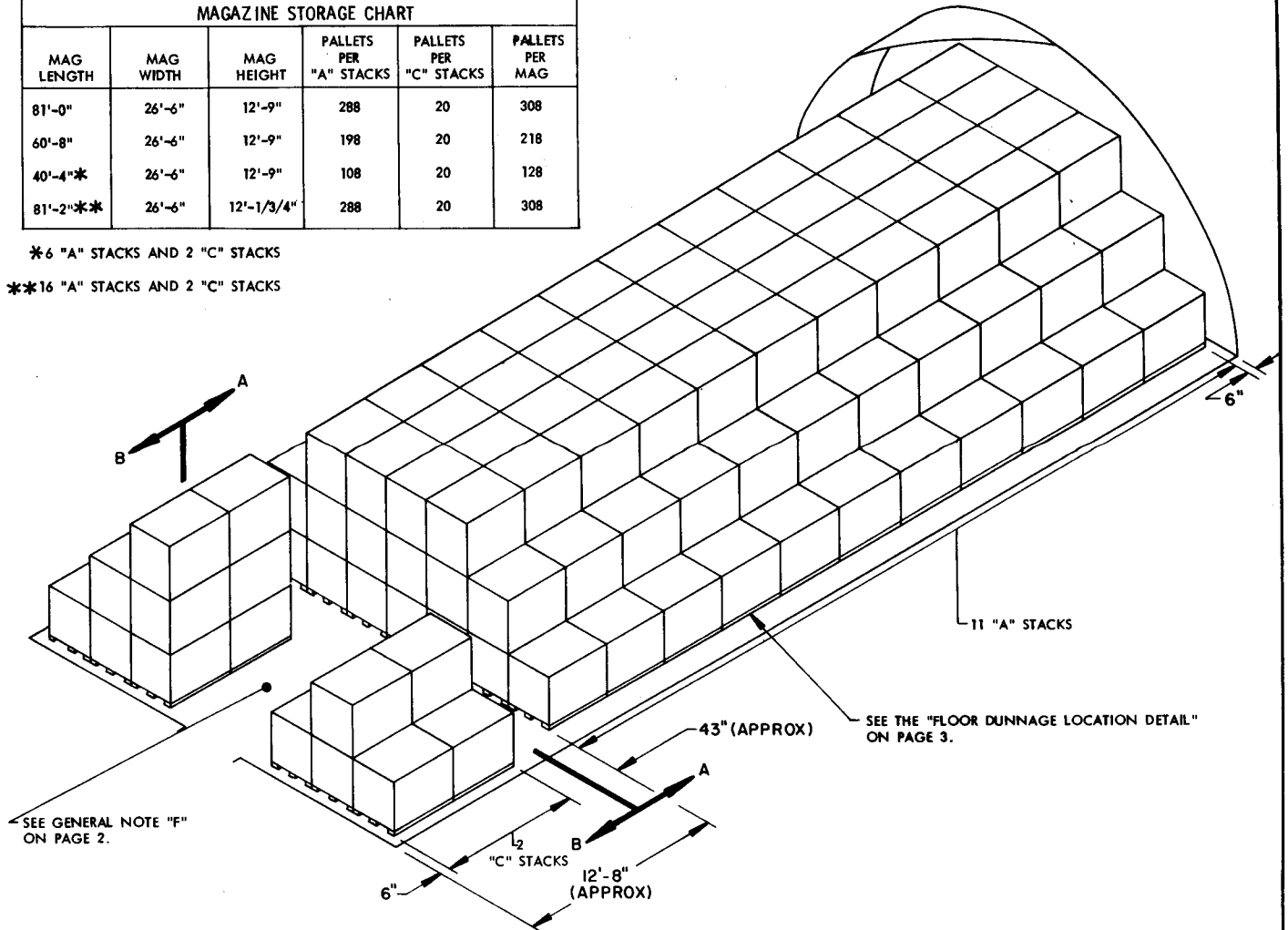
DETAILS



MAGAZINE STORAGE CHART					
MAG LENGTH	MAG WIDTH	MAG HEIGHT	PALLETS PER "A" STACKS	PALLETS PER "C" STACKS	PALLETS PER MAG
81'-0"	26'-6"	12'-9"	288	20	308
60'-8"	26'-6"	12'-9"	198	20	218
40'-4"*	26'-6"	12'-9"	108	20	128
81'-2"***	26'-6"	12'-1/3/4"	288	20	308

* 6 "A" STACKS AND 2 "C" STACKS

** 16 "A" STACKS AND 2 "C" STACKS



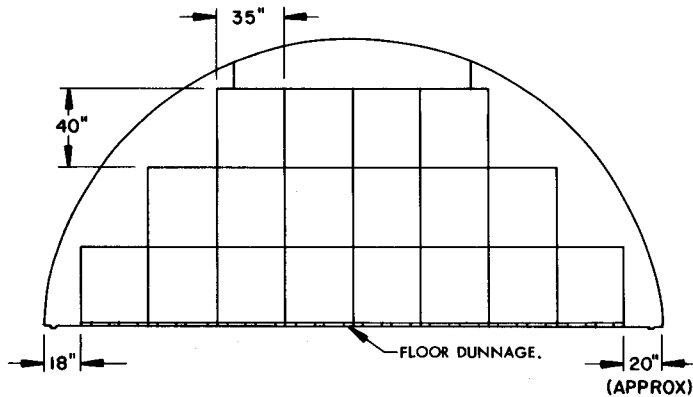
ISOMETRIC VIEW
(60'-8" LONG IGLOO)

SPECIAL NOTE:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 4 ARE FOR AN 81'-0" LONG IGLOO. THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 60'-8" LONG IGLOO. FOR STORAGE IN A 40'-4" LONG IGLOO, SEE THE "MAGAZINE STORAGE CHART" ABOVE. FOR STORAGE IN AN 81'-2" LONG ARCH TYPE MAGAZINE, SEE THE "MAGAZINE STORAGE CHART" ABOVE AND THE "SECTION VIEW" OF AN 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH MAGAZINE" AT LEFT.

BILL OF MATERIAL (PER STACK) *		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	91.00	45.50
C	68.25	34.14

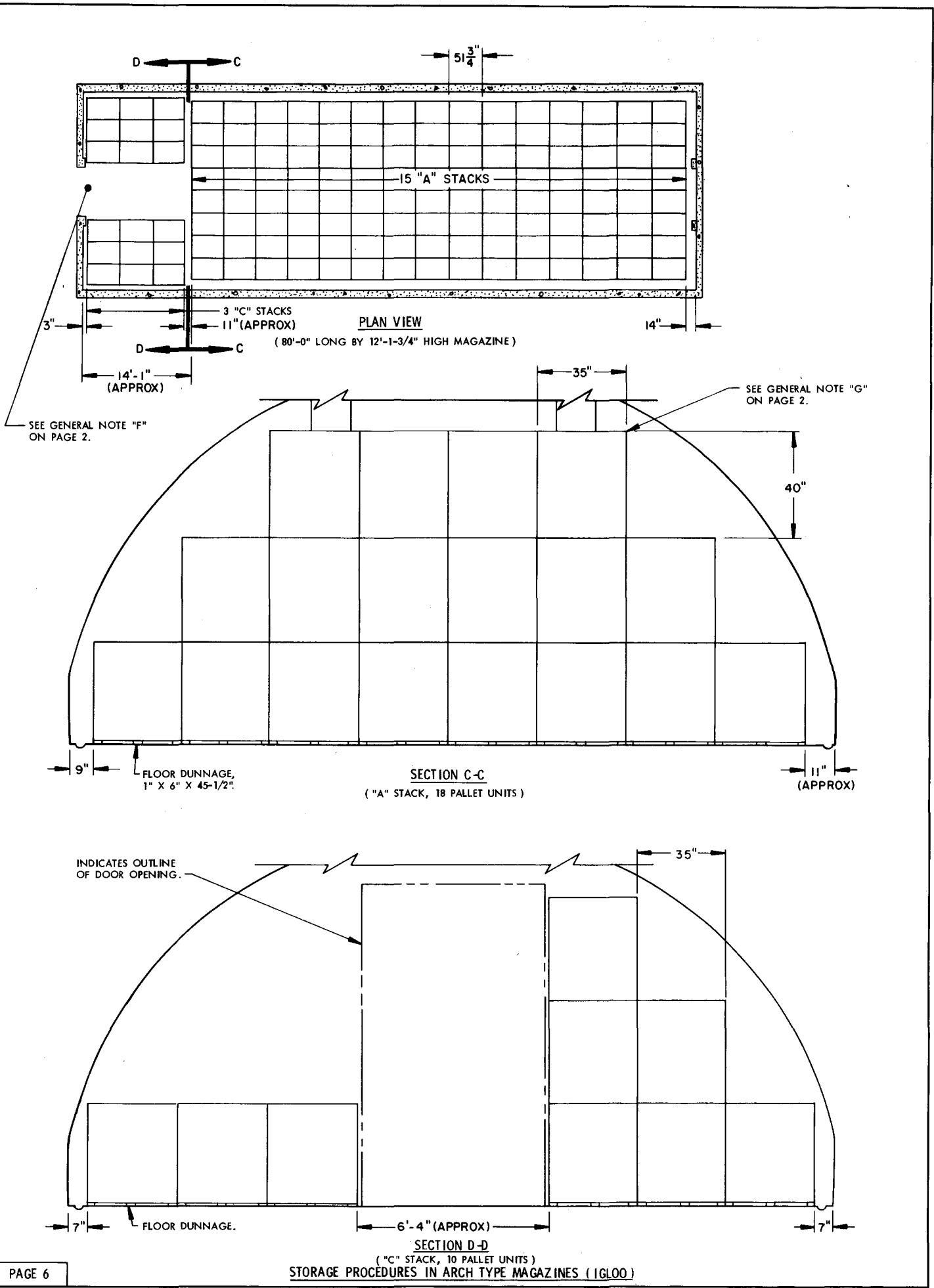
* SEE GENERAL NOTE "L" ON PAGE 2.



SECTION VIEW OF AN 81'-2" LONG X 26'-6" WIDE X 12'-1-3/4" HIGH MAGAZINE

STORAGE PROCEDURES IN IGLOO MAGAZINES AND 81'-2" LONG ARCH TYPE MAGAZINE (IGLOO)

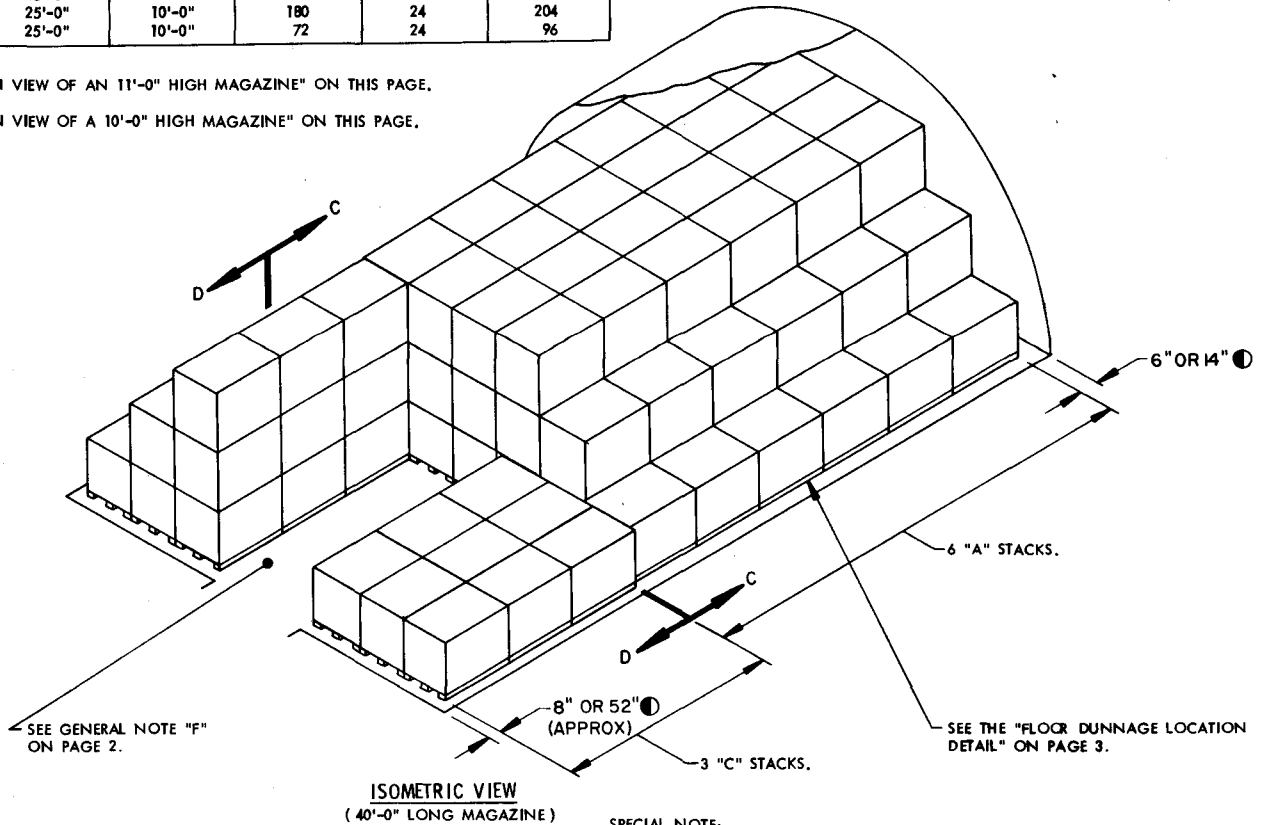
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



MAGAZINE STORAGE CHART					
MAG LENGTH	MAG WIDTH	MAG HEIGHT	PALLETS PER "A" STACKS	PALLETS PER "C" STACKS	PALLETS PER MAG
80'-0"	25'-0"	12'-1-3/4"	270	27	297
40'-0"	25'-0"	12'-1-3/4"	108	27	135
80'-0" *	25'-0"	11'-0"	225	27	252
40'-0" *	25'-0"	11'-0"	90	18	108
80'-0" **	25'-0"	10'-0"	180	24	204
40'-0"	25'-0"	10'-0"	72	24	96

* SEE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" ON THIS PAGE.

** SEE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" ON THIS PAGE.

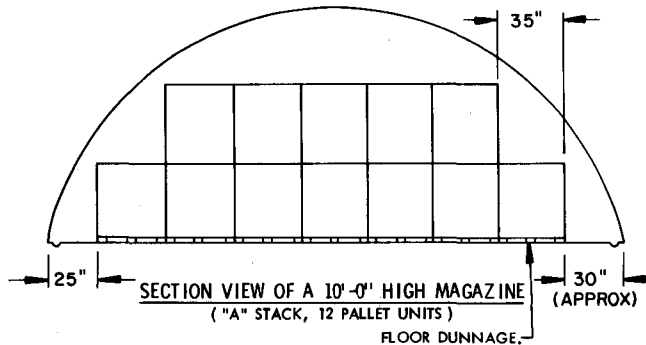
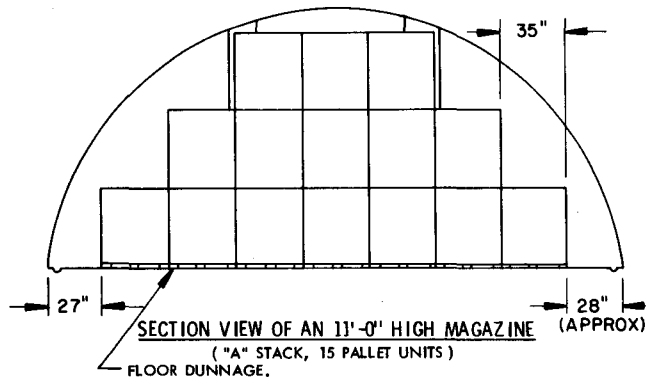


ISOMETRIC VIEW
(40'-0" LONG MAGAZINE)

SPECIAL NOTE:

① THE 14" AND 52" DIMENSIONS ARE TO BE USED IF THE MAGAZINE HAS REAR SUPPORT PILASTERS. NOTE THAT ONLY TWO "C" STACKS CAN BE STORED WHEN THE MAGAZINE HAS THE REAR SUPPORT PILASTERS.

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 6 ARE FOR AN 80'-0" LONG BY 25'-0" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE. THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 40'-0" LONG BY 25'-0" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE. FOR STORAGE IN AN 80'-0" LONG BY 25'-0" WIDE BY 11'-0" HIGH AND/OR A 40'-0" LONG BY 25'-0" WIDE BY 11'-0" HIGH ARCH TYPE MAGAZINE, SEE THE "MAGAZINE STORAGE CHART" ABOVE AND THE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" AT LEFT. FOR STORAGE IN AN 80'-0" LONG BY 25'-0" WIDE BY 10'-0" HIGH AND/OR A 40'-0" LONG BY 25'-0" WIDE BY 10'-0" HIGH ARCH TYPE MAGAZINE, SEE THE "MAGAZINE STORAGE CHART" ABOVE AND THE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" AT LEFT.

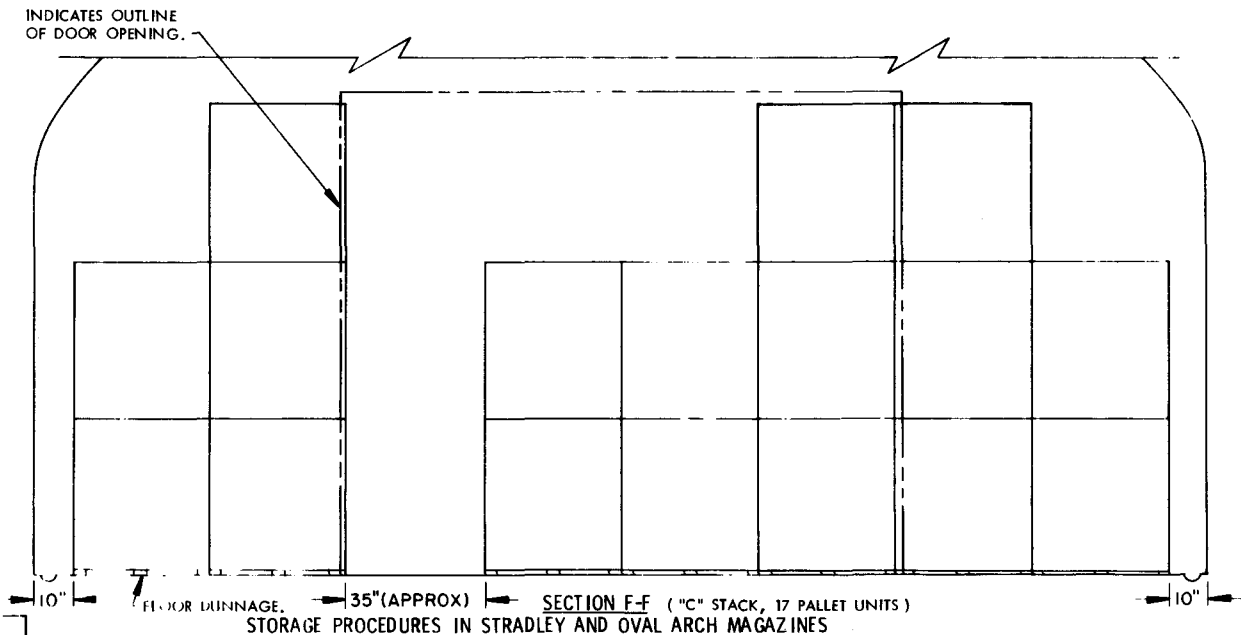
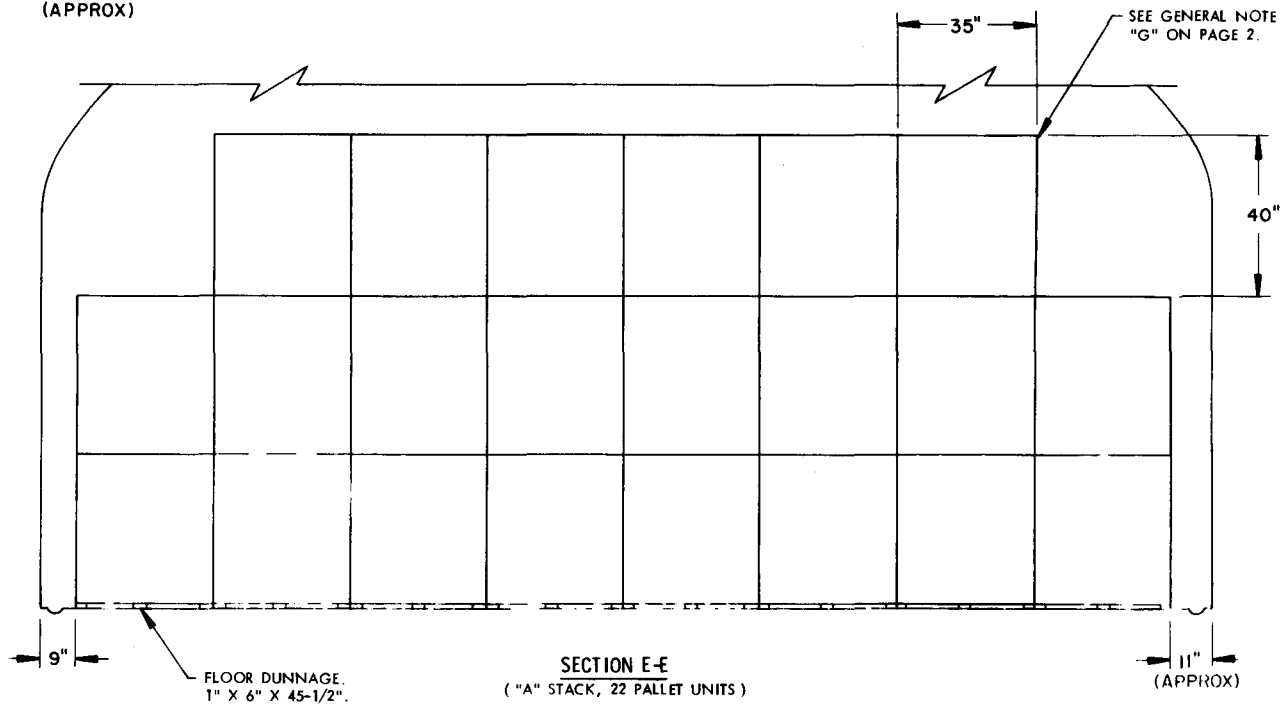
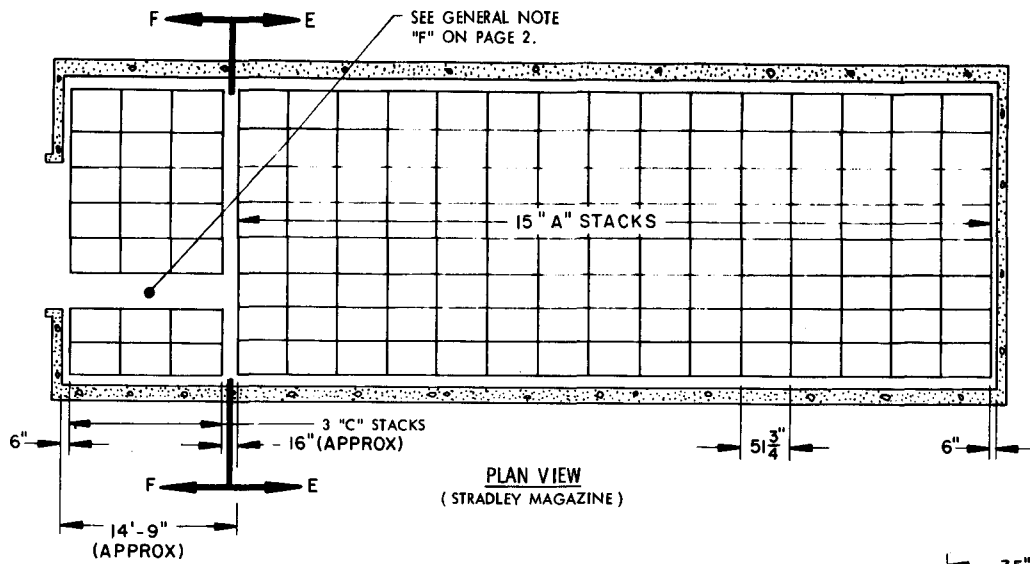


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL (PER STACK) ●			
MAG HEIGHT	TYPE STACK	1" X 6" DUNNAGE LUMBER	
		LINEAR FEET	BOARD FEET
12'-1-3/4"	A	91.00	45.50
	C	68.25	34.13
11'-0"	A	79.63	39.81
	C	68.25	34.13
10'-0"	A	79.63	39.81
	C	68.25	34.13

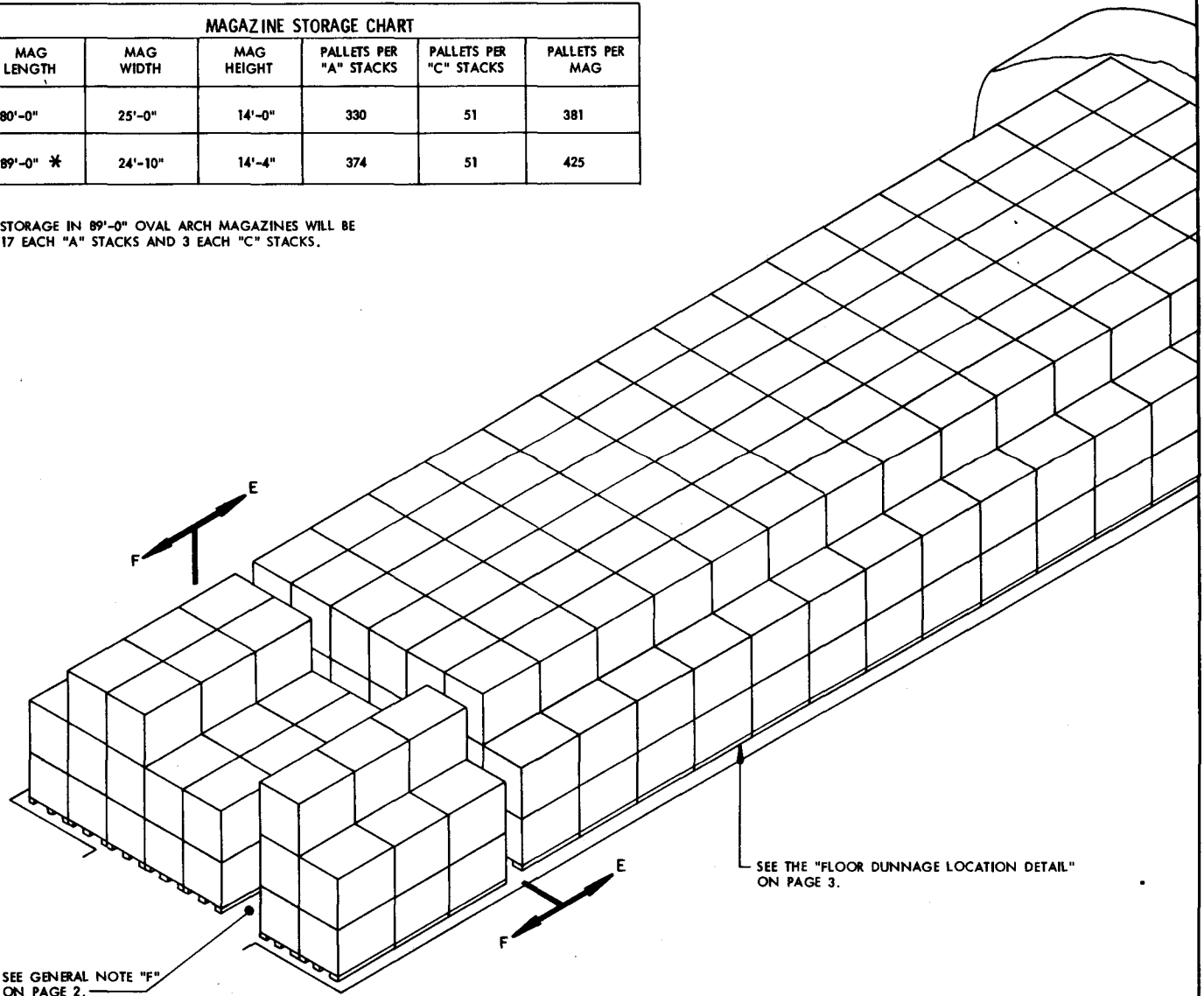
● SEE GENERAL NOTE "L" ON PAGE 2.

STORAGE PROCEDURES IN ARCH TYPE MAGAZINES (IGLOO)



MAGAZINE STORAGE CHART					
MAG LENGTH	MAG WIDTH	MAG HEIGHT	PALLETS PER "A" STACKS	PALLETS PER "C" STACKS	PALLETS PER MAG
80'-0"	25'-0"	14'-0"	330	51	381
89'-0" *	24'-10"	14'-4"	374	51	425

*STORAGE IN 89'-0" OVAL ARCH MAGAZINES WILL BE 17 EACH "A" STACKS AND 3 EACH "C" STACKS.



ISOMETRIC VIEW
(STRADLEY MAGAZINE)

SPECIAL NOTE:

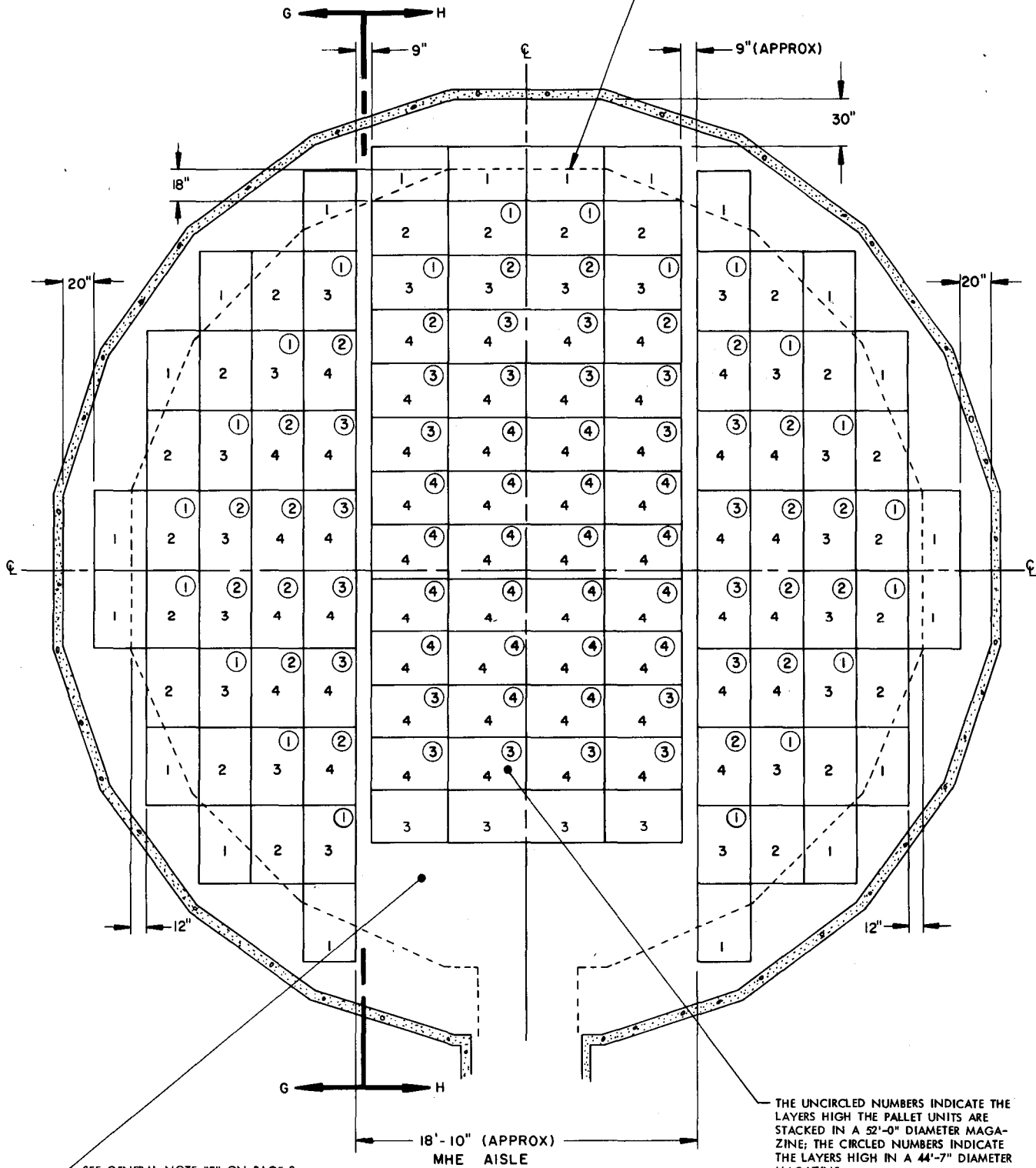
1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 8 AND THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR THE STRADLEY MAGAZINE. FOR STORAGE IN OVAL ARCH MAGAZINE, SEE THE "MAGAZINE STORAGE CHART" ABOVE.

BILL OF MATERIAL (PER STACK)●		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	91.00	45.50
C	79.63	39.81

●SEE GENERAL NOTE "L" ON PAGE 2.

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS" SEE PAGE 2.

DOTTED LINE INDICATES OUTLINE OF 44'-7" DIAMETER CORBETTA MAGAZINE.



THE UNCIRCLED NUMBERS INDICATE THE LAYERS HIGH THE PALLET UNITS ARE STACKED IN A 52'-0" DIAMETER MAGAZINE; THE CIRCLED NUMBERS INDICATE THE LAYERS HIGH IN A 44'-7" DIAMETER MAGAZINE.

SEE GENERAL NOTE "F" ON PAGE 2.

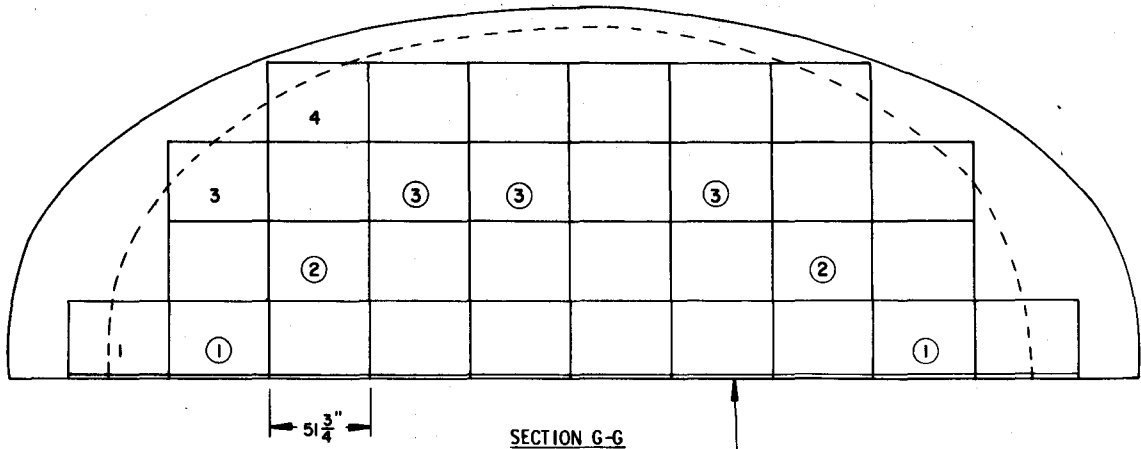
PLAN VIEW
(CORBETTA MAGAZINE)

STORAGE IN 52'-0" DIAMETER CORBETTA MAGAZINE

STORAGE IN 44'-7" DIAMETER CORBETTA MAGAZINE

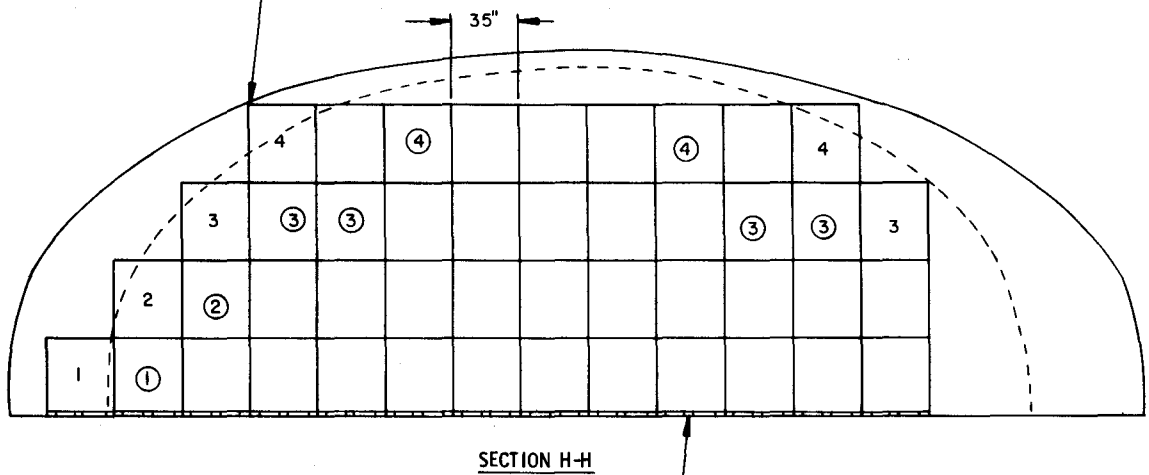
ITEM QUANTITY
 PALLET UNIT -----360

ITEM QUANTITY
 PALLET UNIT -----206



FLOOR DUNNAGE,
 1" X 6" X 45-1/2".

SEE GENERAL NOTE "G" ON PAGE 2.

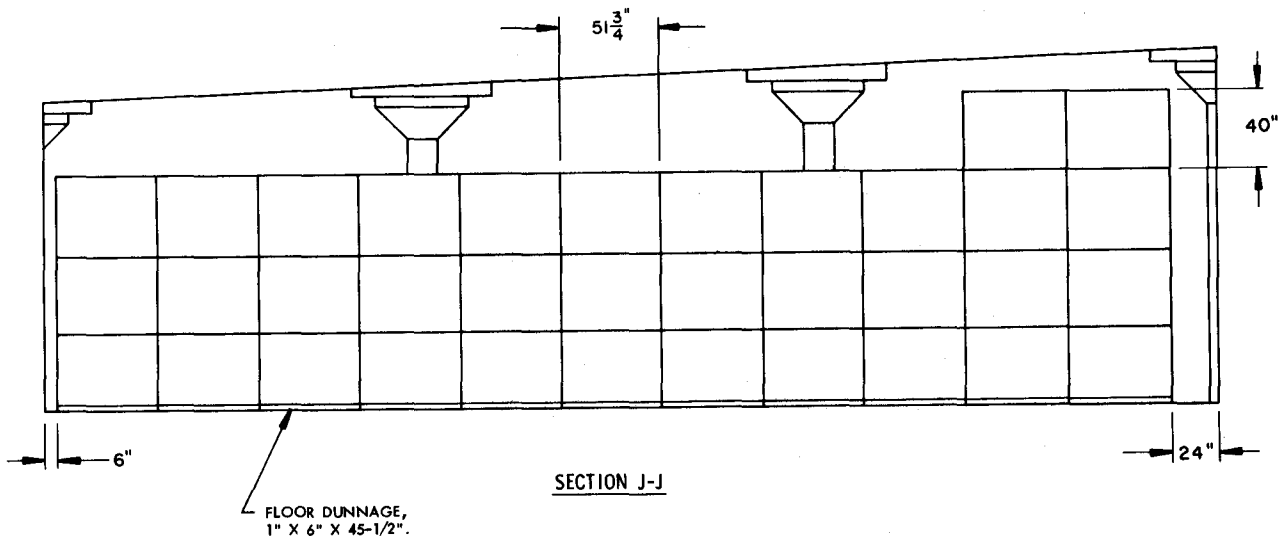
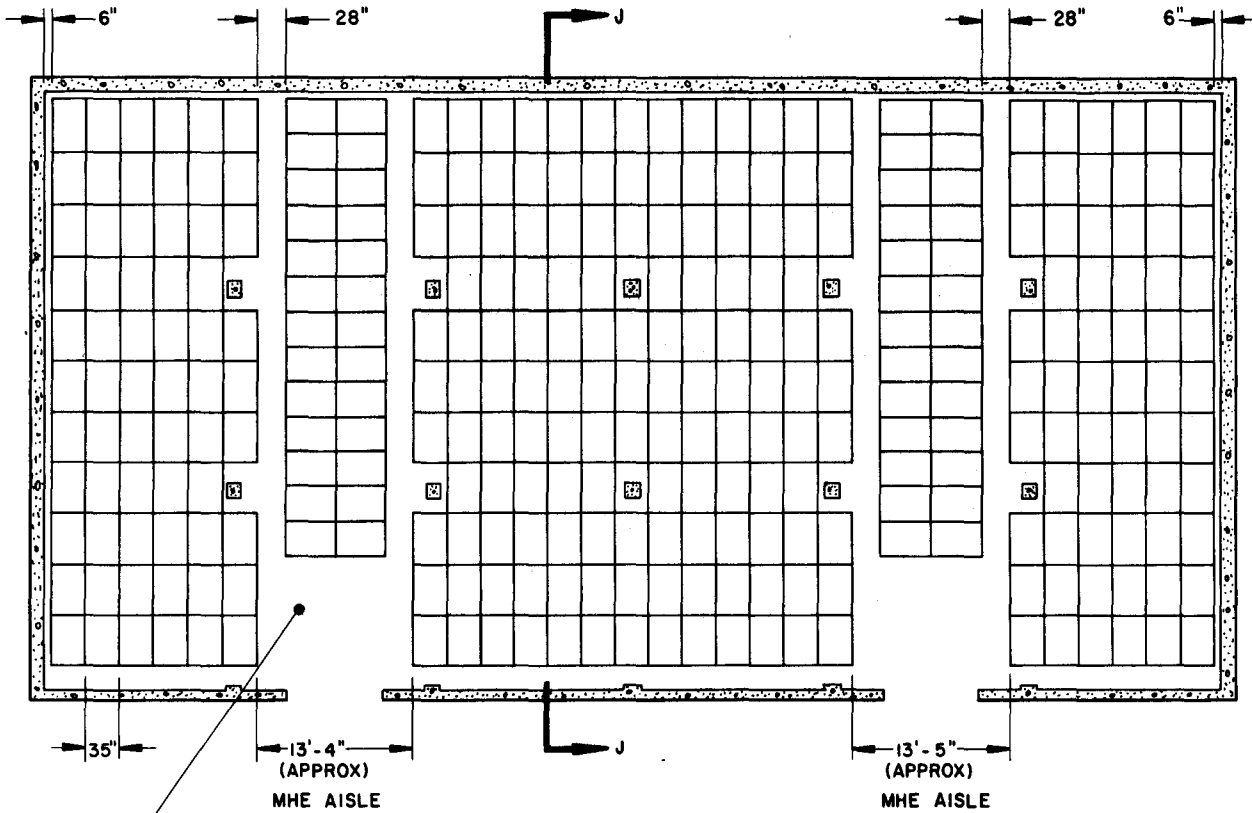


FLOOR DUNNAGE, 1" X 6" X 45-1/2".
 SEE THE "FLOOR DUNNAGE LOCATION
 DETAIL" ON PAGE 3.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT) [●]		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6"	11.38	5.69

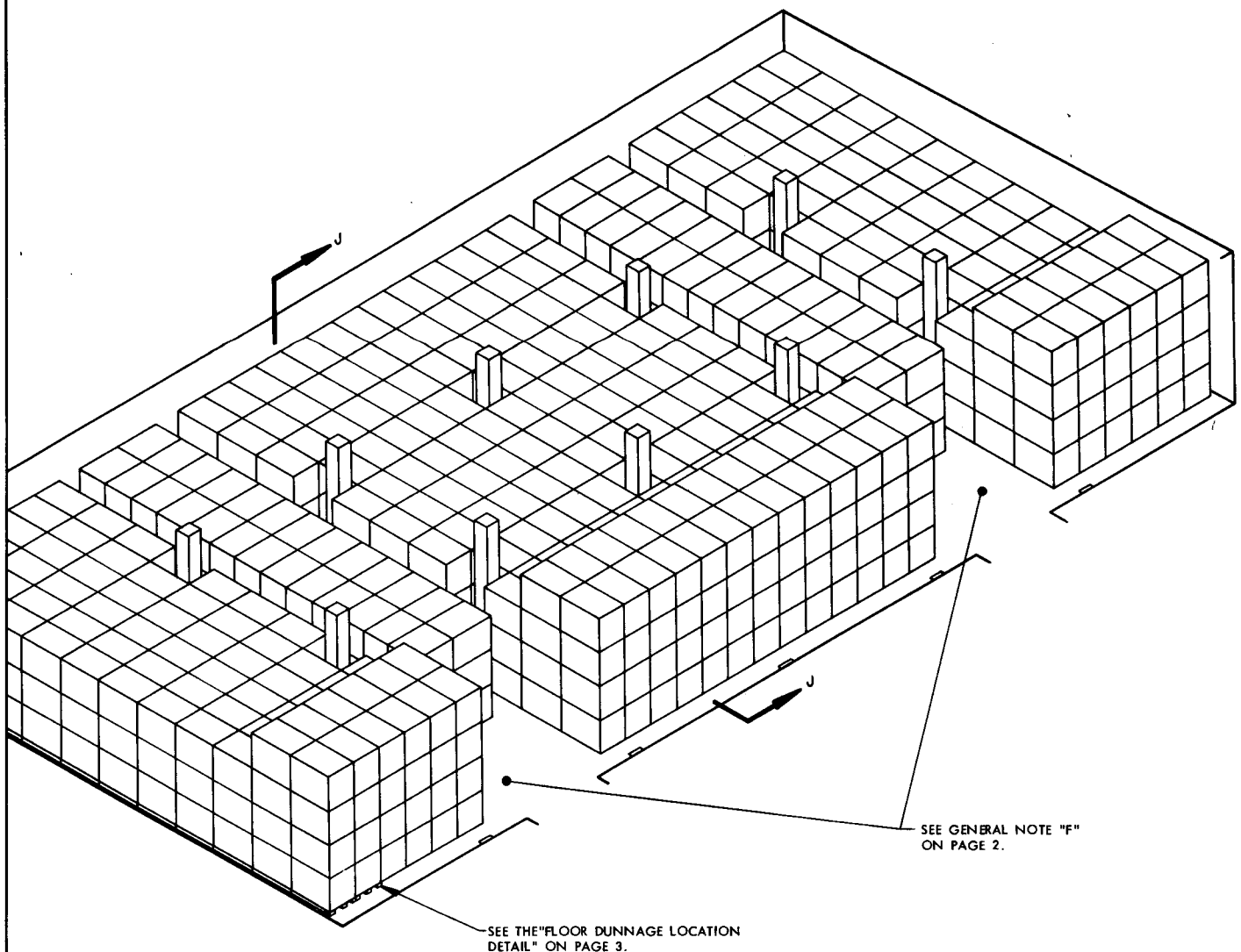
●SEE GENERAL NOTE "L" ON PAGE 2.

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



STORAGE IN 100'-8" LONG BY 50'-0" WIDE RECTANGULAR MAGAZINE

ITEM	QUANTITY
PALLET UNITS PER MAGAZINE -----	1,001



ISOMETRIC VIEW
(100'-8" L X 50'-0" W MAGAZINE)

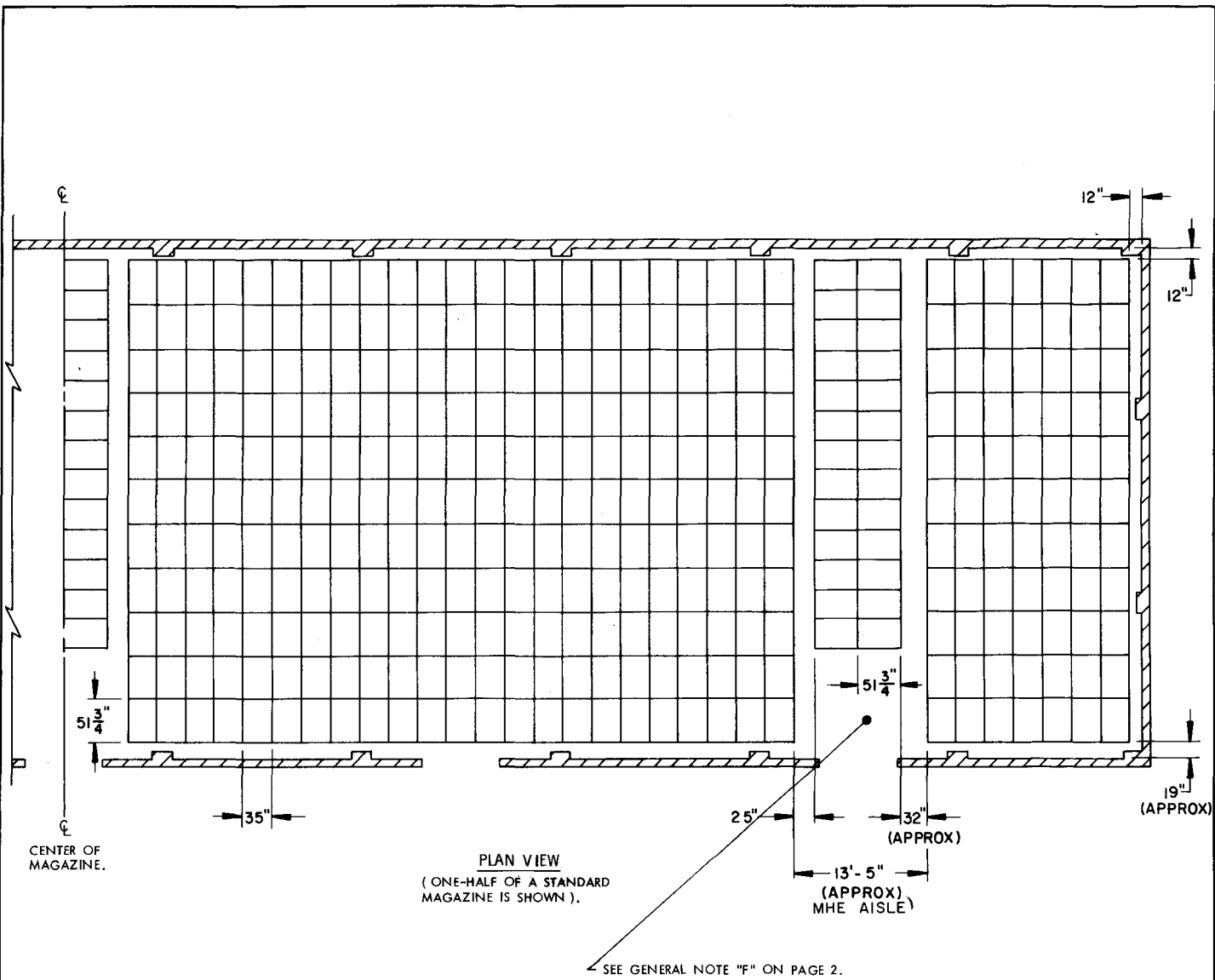
SEE THE "FLOOR DUNNAGE LOCATION
DETAIL" ON PAGE 3.

SEE GENERAL NOTE "F"
ON PAGE 2.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT) ●		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6"	11.38	5.69

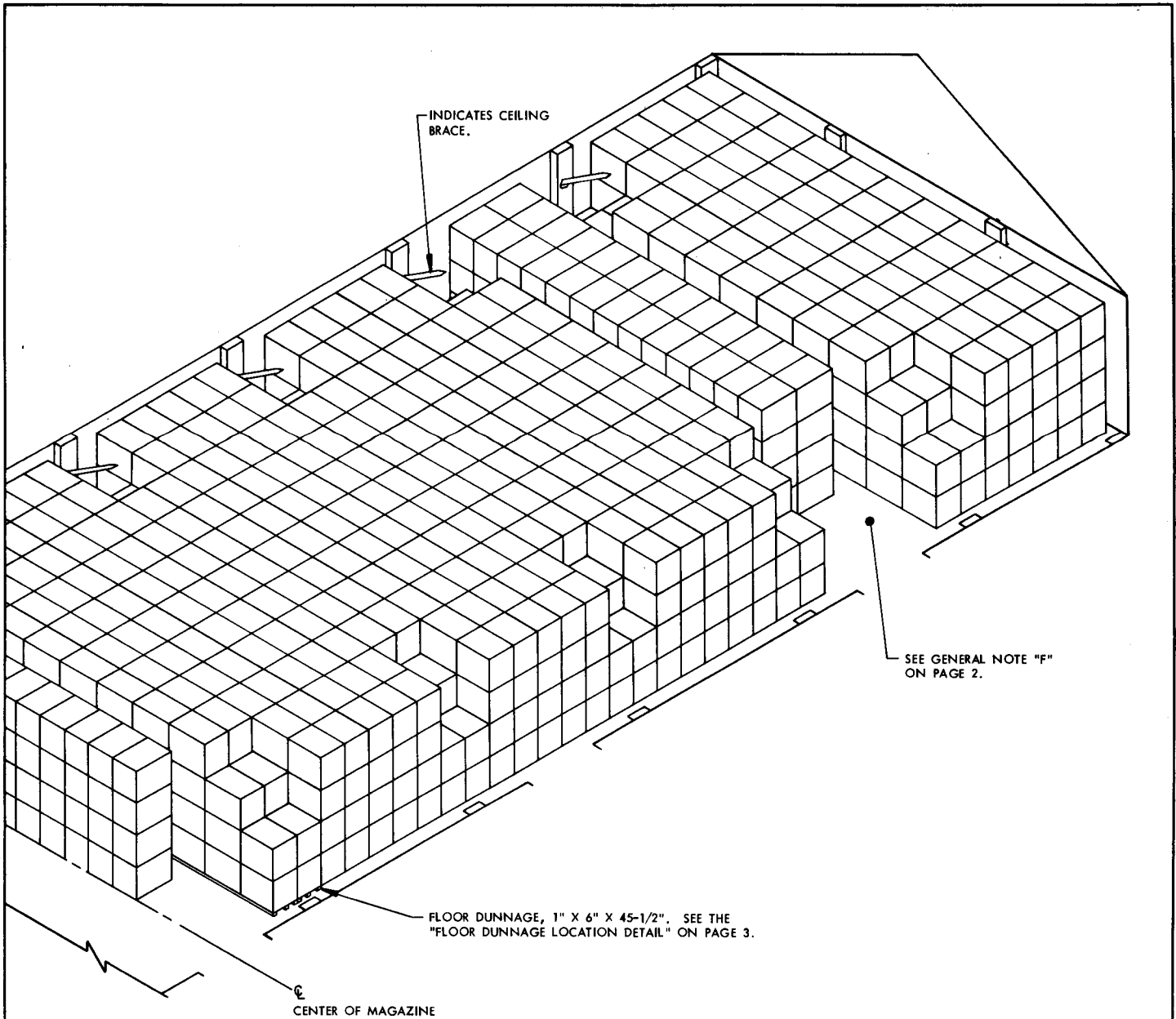
●SEE GENERAL NOTE "L" ON PAGE 2.

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



STORAGE IN ONE-HALF OF A STANDARD MAGAZINE

<u>ITEM</u>	<u>QUANTITY</u>
PALLET UNITS PER ONE-HALF MAGAZINE -----	1,416



ISOMETRIC VIEW
 (ONE-HALF OF A STANDARD
 MAGAZINE IS SHOWN).

FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT) ●		
LUMBER	LINEAR FEET	BOARD FEET
1" X 6"	11.38	5.69

●SEE GENERAL NOTE "L" ON PAGE 2.

