

# STORAGE IN APPROVED MAGAZINES OF COMPLETE ROUNDS PACKED IN CYLINDRICAL METAL CONTAINERS, ON 4-WAY ENTRY PALLETS

## PA117 SERIES CONTAINER

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U. S. ARMY MATERIEL COMMAND DRAWING			
APPROVED, U. S. ARMY INDUSTRIAL OPERATIONS COMMAND <i>David L. Pichonik</i> ANSTA-AR-ESK		DRAFTSMAN INGBORG DEPPE	ENGINEER M. DAEUMER
APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL COMMAND <i>Arthur J. Podsiadlo</i> DEFENSE AMMUNITION CENTER		SUPPLY ENGINEERING DIVISION <i>Thomas J. Michik</i>	LOGISTICS ENGINEERING OFFICE <i>William J. Ernest</i>
SEPTEMBER 1987			
REVISION NO. 1	NOVEMBER 1998	CLASS	DIVISION
SEE THE REVISION LISTING ON PAGE 2.		DRAWING	FILE
		19	48
		4145/11	1-2-3-4-14- 22 PM1003

DO NOT SCALE

## GENERAL NOTES

(GENERAL NOTES CONTINUED)

- 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 HEREIN ARE APPLICABLE TO COMPLETE ROUNDS PACKED IN PA117 SERIES CONTAINERS ON A 42" BY 44-1/2" METAL PALLET.
- C. FOR DETAIL OF THE PALLET UNIT, SEE PAGE 3. FOR UNITIZATION PROCEDURES, SEE U.S. ARMY AMC (DARCOM) DRAWING 19-48-4079/8-20PM1002.
- PALLET UNIT:  
DIMENSIONS - - 42" LONG BY 44-1/2" WIDE BY 39-1/2" HIGH  
GROSS WEIGHT - - - 1,883 POUNDS (APPROX)  
CUBE - - - - - 42.7 CUBIC FEET (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. CAUTION: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE IS NOT TO BE EXCEEDED. THIS LIMITATION MAY REQUIRE A QUANTITY REDUCTION FROM THE STORAGE AS SHOWN.
- F. STORED PALLET UNITS MUST NOT CONTACT THE WALLS OF A MAGAZINE. THEREFORE, PALLET UNITS WILL BE STORED A MINIMUM OF SIX INCHES (6") FROM THE SIDEWALL OR CURVATURE OF THE MAGAZINE AS APPLICABLE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- G. AISLE DIMENSIONS SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS IN PALLET UNIT DIMENSIONS, AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT (MHE).
- H. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- J. IF AVAILABLE MHE PERMITS, ADDITIONAL PALLETIZED UNITS MAY BE STORED WITHIN THE MHE AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- K. IF THE QUANTITY OF PALLET UNITS FOR A MAGAZINE IS TO BE REDUCED FROM WHAT IS SHOWN HEREIN - DUE TO THE PERMITTED "EXPLOSIVE LIMIT" OR FOR ANY OTHER REASON, SUCH AS A LIMITED QUANTITY TO BE STORED - THE DELINEATED PROCEDURES ARE TO BE ADJUSTED BY OMITTING STACKS RATHER THAN BY OMITTING LAYERS.
- L. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP LAYER 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.
- M. STACK-STABILIZING DUNNAGE IN THE FORM OF "SHIMS" PROBABLY WILL BE REQUIRED TO ACHIEVE SOUND AND ACCEPTABLE STABLE STACKS. SHIM MATERIAL OF VARYING THICKNESSES WILL BE USED AS REQUIRED TO GAIN LEVEL OR NEARLY LEVEL STACKS AND SOLID BEARING WITHIN A STACK FROM THE FLOOR OF A MAGAZINE TO THE TOP OF THE STACK.
- N. 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 RUNNERS OF A PALLET DRY, THUS AIDING IN PREVENTING DETERIORATION DUE TO CORROSION. 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.
- O. 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.
- P. 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 25.4MM AND ONE POUND EQUALS 0.454KG.
- Q. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PREPLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE APPLICABLE "SPECIAL NOTES" SECTIONS OF THE MULTIPLE-LOT STORAGE PROCEDURES TYPICALLY SHOWN ON PAGES 24 THRU 30.
- R. ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING MULTIPLE LOTS WITHIN ONE STRUCTURE, THE BASIC STORAGE PATTERN AS SHOWN ON PAGES 4 THRU 23 CAN ALSO BE ADAPTED FOR THE STORING OF MORE THAN ONE LOT. MULTIPLE LOTS OF PALLET UNITS WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTERN MAY BE STORED WITH ONE OR MORE STACKS USED FOR EACH LOT. LOTS WILL NOT BE MIXED, EXCEPT TO THE EXTENT THAT UNITS OF ONE LOT WILL NOT BE STACKED ON TOP OF PALLET UNITS FROM ANOTHER LOT. MULTIPLE LOTS OF PALLET UNITS MAY BE STORED WITH ONE OR MORE ROWS USED FOR EACH LOT. (A ROW RUNS FROM THE REAR OF THE MAGAZINE TO THE FRONT). EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE GENERAL NOTES AND IN THE SPECIAL NOTES ON PAGES 24 THRU 30.
- S. ANY "LIGHT" PALLET UNIT THAT DOES NOT CONTAIN A FULL QUANTITY OF ROUNDS WILL NOT BE BURIED IN STORAGE. IT MUST BE POSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
- T. A PRODUCTION OR STORAGE FACILITY IS AUTHORIZED TO HAVE ONE INCOMPLETE, UN-BANDED PARTIAL UNIT LOAD PER LOT IN A STORAGE STRUCTURE. PRIOR TO SHIPMENT OF A PARTIAL UNIT, A LAYER MUST BE COMPLETED, IF APPLICABLE, BY THE POSITIONING OF ONE OR MORE EMPTY CONTAINERS AS DELINEATED BY DRAWING 19-48-4079/8-20PM1002. THE UNIT MUST THEN BE RE-BANDED WITH THE SAME SIZE AND QUANTITY OF STRAPS AS THE ORIGINAL UNIT.
- U. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- V. PALLET UNITS PRESENTLY STORED IN ACCORDANCE WITH A PREVIOUSLY APPROVED STORAGE DRAWING NEED NOT BE RE-STORED SOLELY TO COMPLY WITH THE PROCEDURES SPECIFIED IN THIS REVISED DRAWING.

(CONTINUED AT RIGHT)

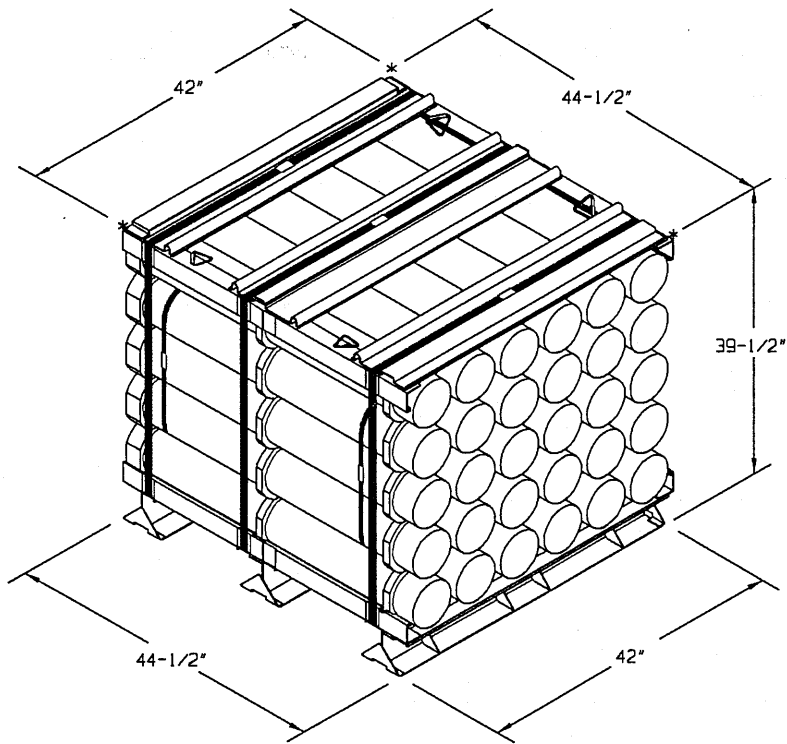
## MATERIAL SPECIFICATIONS

LUMBER - - - - - : SEE TM 743-200-1 (DUNNAGE LUMBER) AND VOLUNTARY PRODUCT STANDARD PS 20.

## REVISIONS

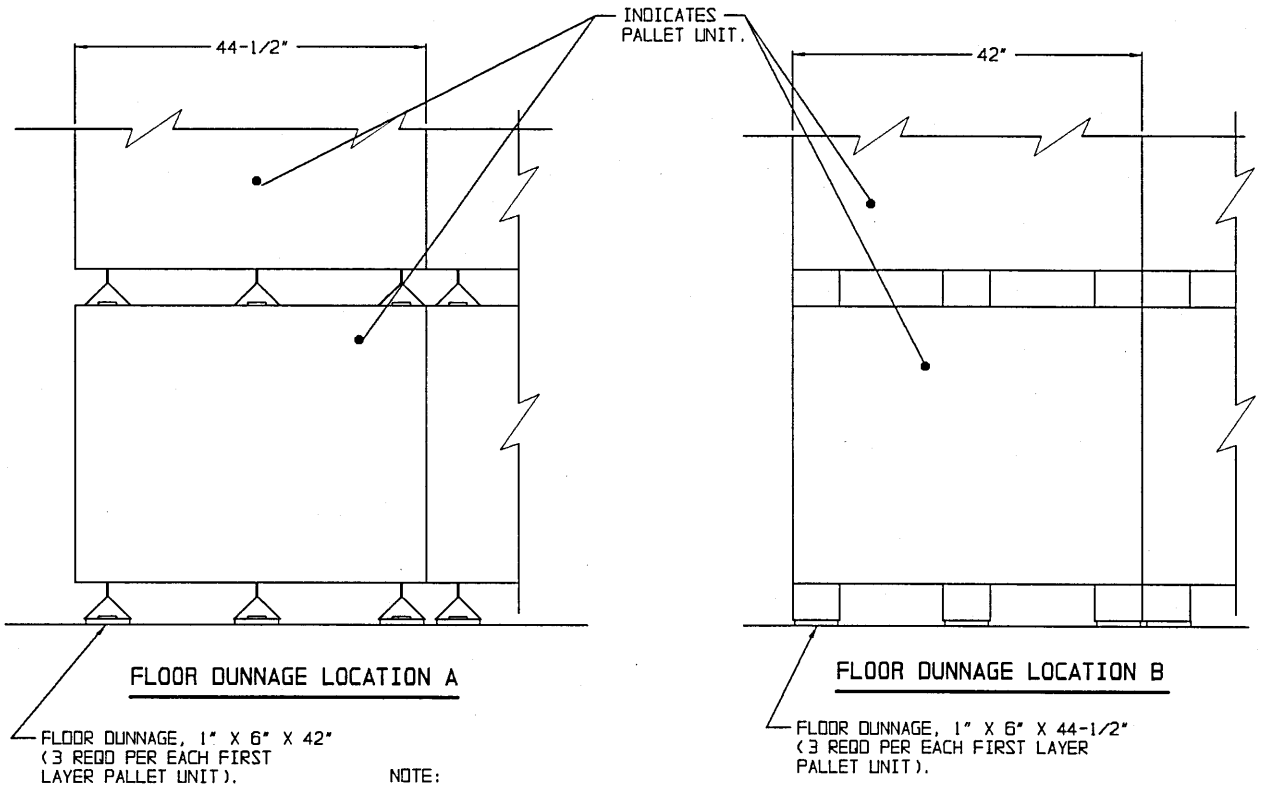
REVISION NO. 1, DATED NOVEMBER 1998 CONSISTS OF:

1. CONVERTING TO CAD.
2. UPDATING DRAWING FORMAT TO CURRENT STANDARDS.
3. REVISING PROCEDURES AS NECESSARY TO COMPLY WITH REQUIREMENTS OF REVISED GENERAL NOTE "F".
4. ADDING GENERAL NOTE "V".
5. REPLACING PROCEDURES FOR OVAL ARCH MAGAZINE ON PAGES 16 AND 17 WITH PROCEDURES FOR CURRENT STEEL ARCH MAGAZINE.



**PALLET UNIT**

UNIT WEIGHT - - - - -1,883 LBS (APPROX)



FLOOR DUNNAGE, 1" X 6" X 42"  
(3 REQD PER EACH FIRST LAYER PALLET UNIT).

FLOOR DUNNAGE, 1" X 6" X 44-1/2"  
(3 REQD PER EACH FIRST LAYER PALLET UNIT).

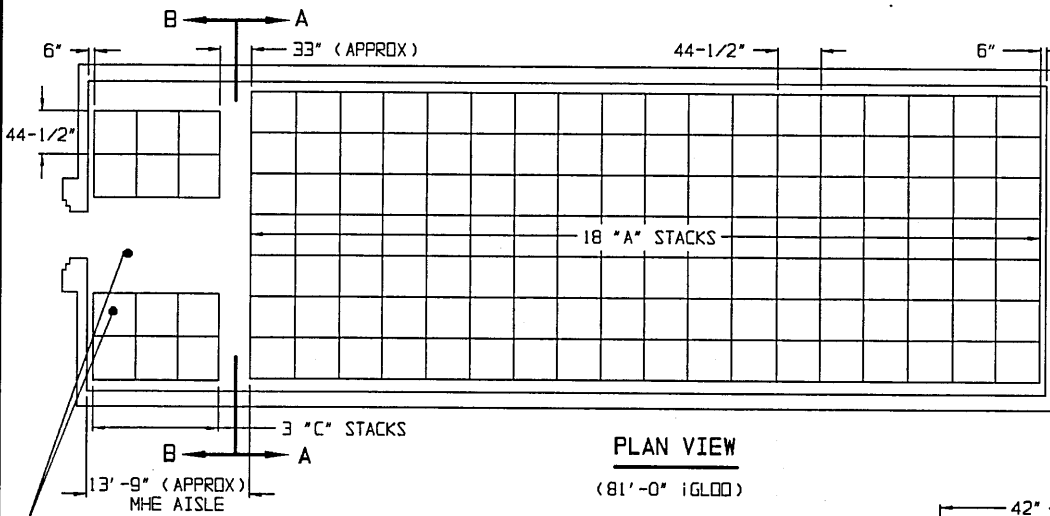
**NOTE:**  
ISOMETRIC VIEWS WITHIN THIS DRAWING DO NOT DEPICT ALL THE FLOOR DUNNAGE THAT IS REQUIRED WHEN FLOOR DUNNAGE IS USED. FLOOR DUNNAGE IS SHOWN AT SOME LOCATIONS TO PROVIDE POSITIONING GUIDANCE.

**PALLET UNIT DETAILS**

**STORAGE IN 81'-0" IGLOO**

(12'-9" HIGH)

ITEM	QUANTITY
PALLET UNITS - - - - -	291

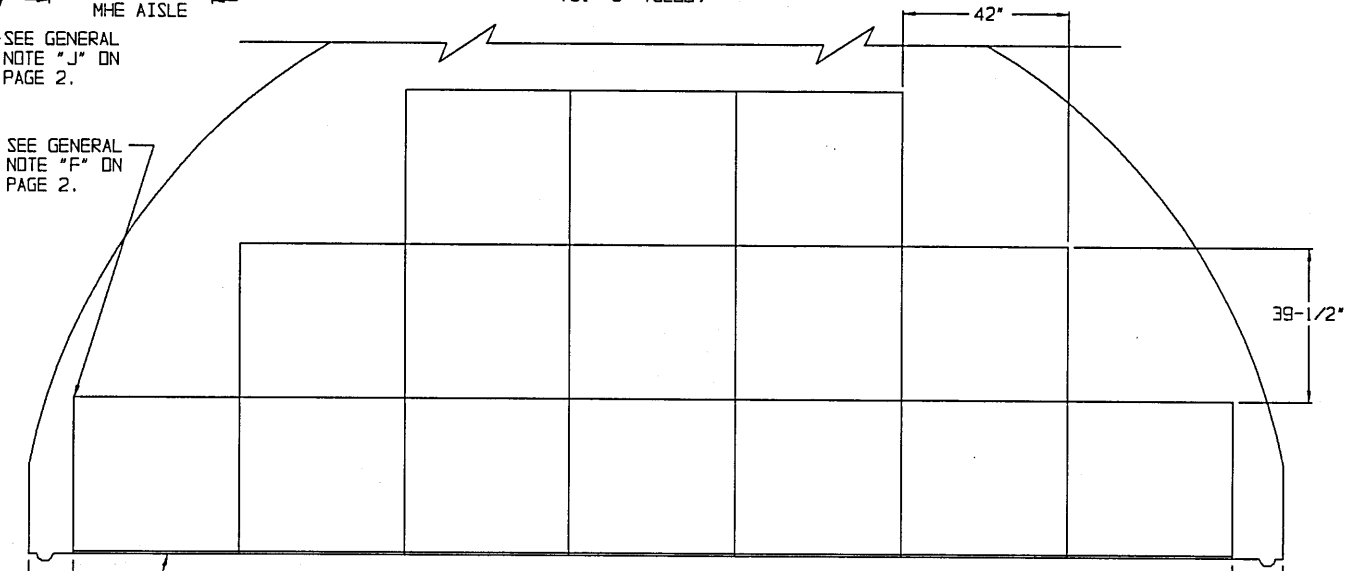


**PLAN VIEW**

(81'-0" IGLOO)

SEE GENERAL NOTE "J" ON PAGE 2.

SEE GENERAL NOTE "F" ON PAGE 2.

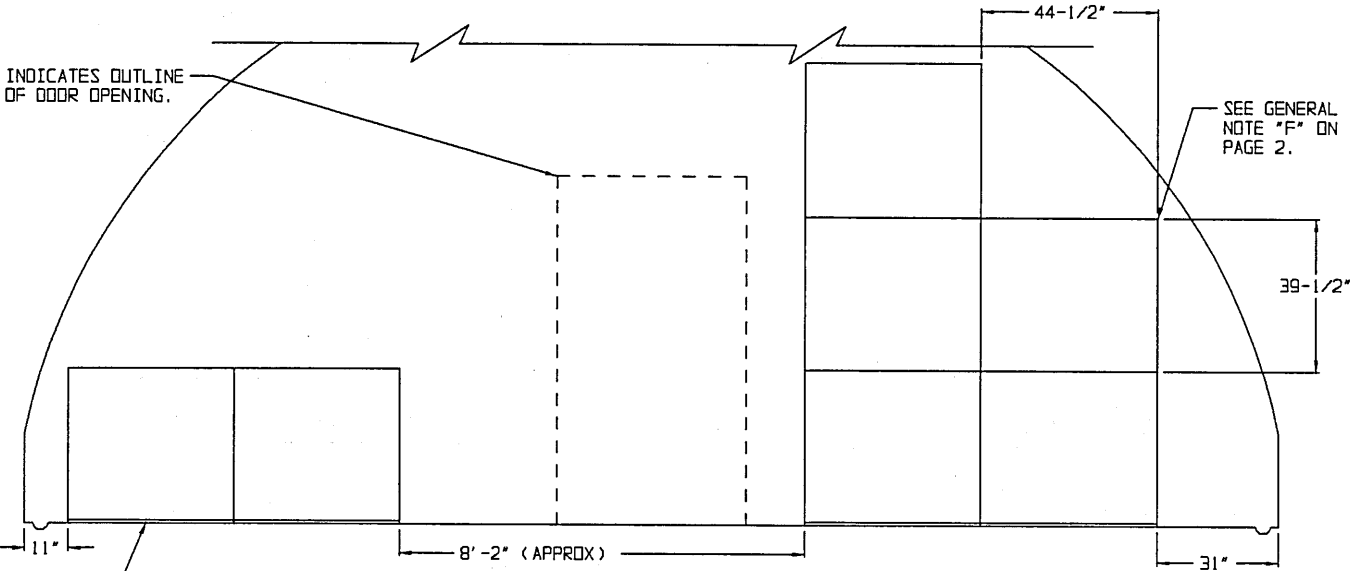


**SECTION A-A**

(\*A" STACK, 15 PALLET UNITS)

FLOOR DUNNAGE, 1" X 6" X 42"  
(21 REED PER STACK). SEE  
\*FLOOR DUNNAGE LOCATION  
A" DETAIL ON PAGE 3.

INDICATES OUTLINE OF DOOR OPENING.



**SECTION B-B**

(\*C" STACK, 7 PALLET UNITS)

FLOOR DUNNAGE, 1" X 6" X 44-1/2"  
(12 REED PER STACK). SEE \*FLOOR  
DUNNAGE LOCATION B" DETAIL  
ON PAGE 3.

**STORAGE IN 60'-8" IGLOO**

(12'-9" HIGH)

ITEM QUANTITY

PALLET UNITS - - - - - 216

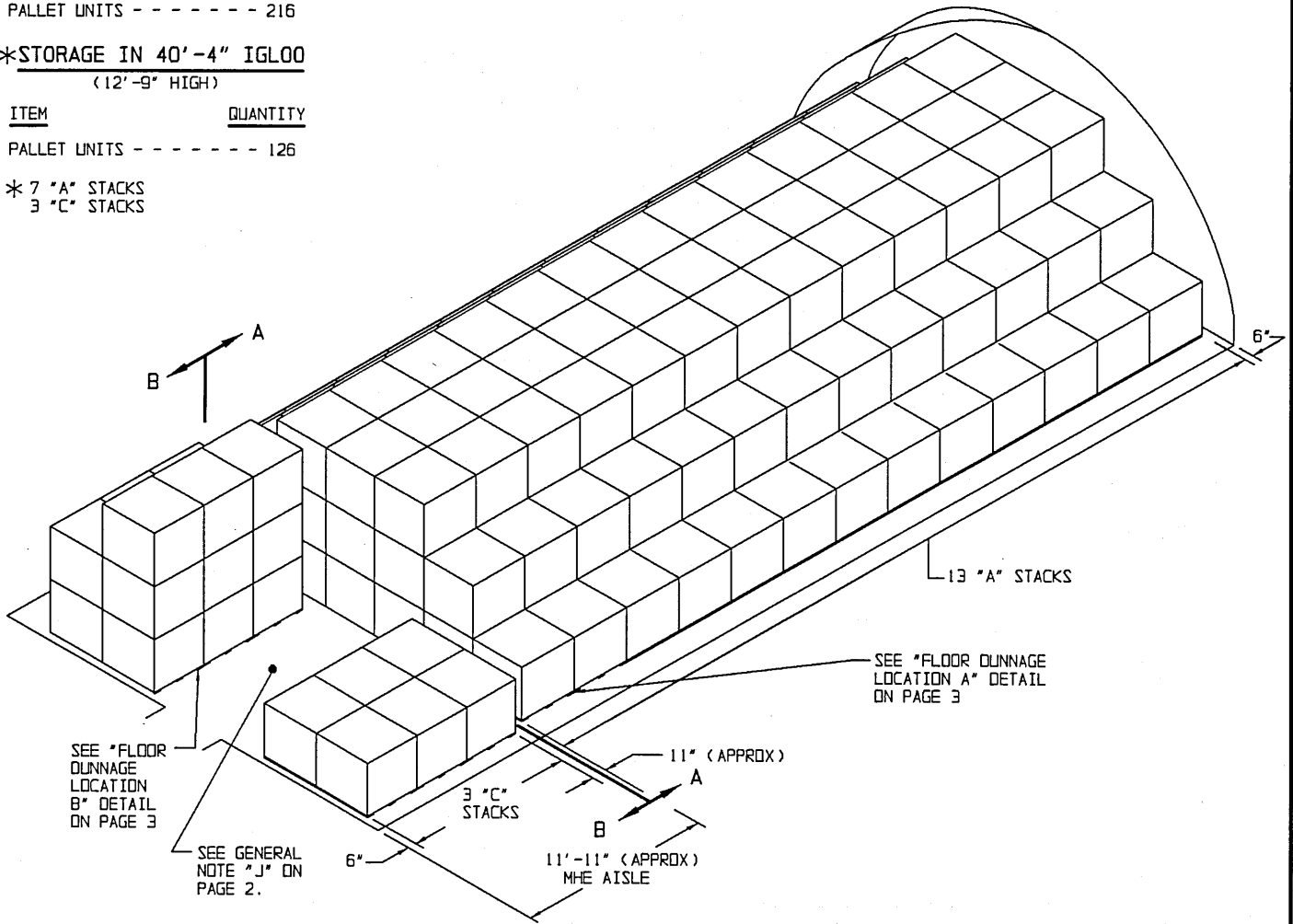
**\*STORAGE IN 40'-4" IGLOO**

(12'-9" HIGH)

ITEM QUANTITY

PALLET UNITS - - - - - 126

\* 7 "A" STACKS  
3 "C" STACKS

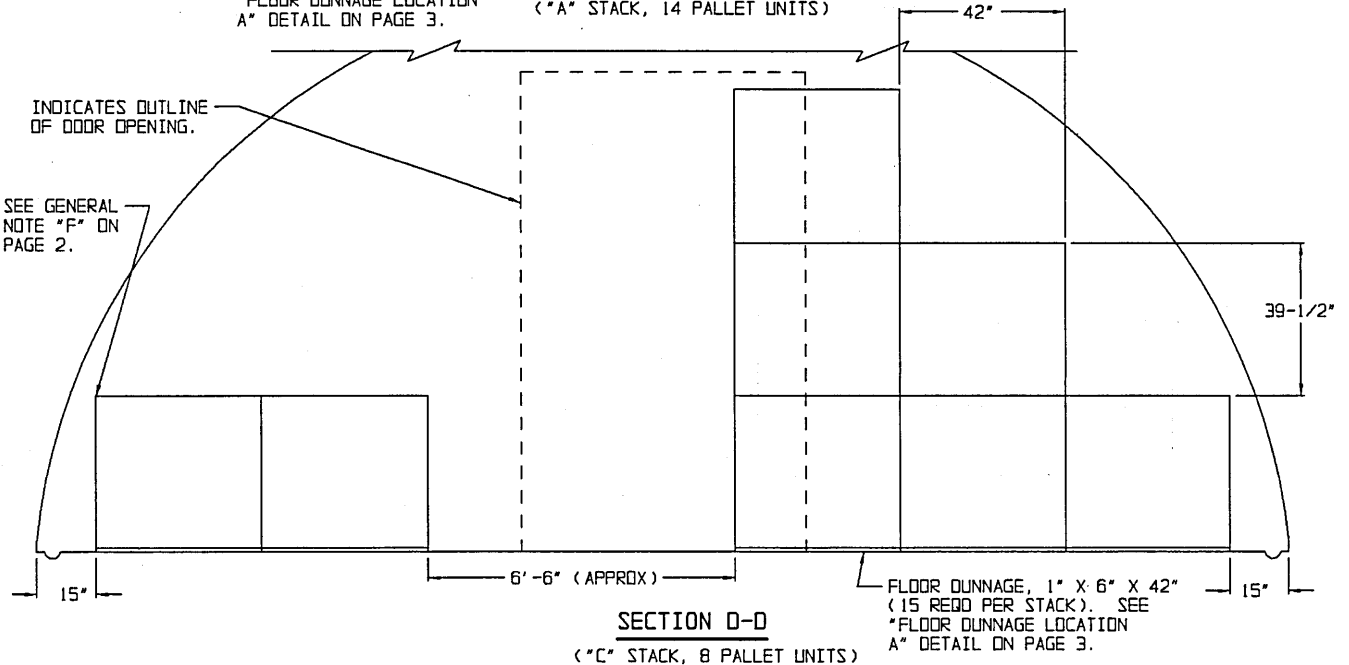
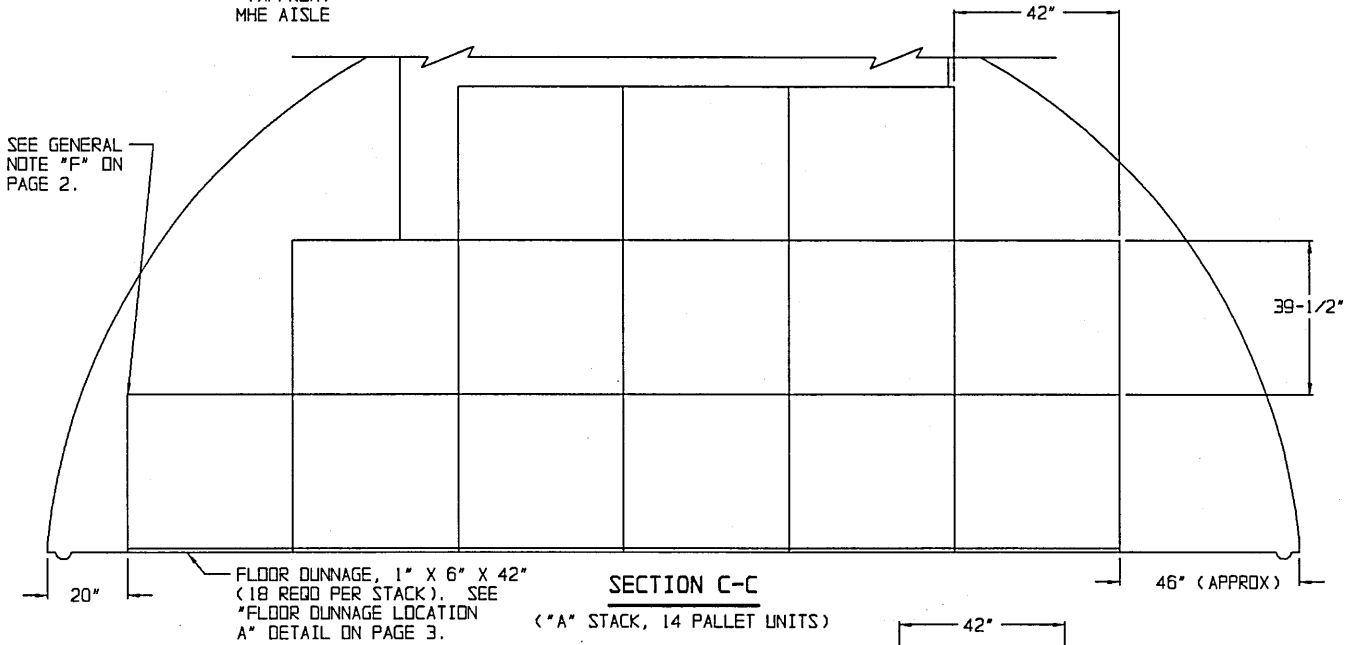
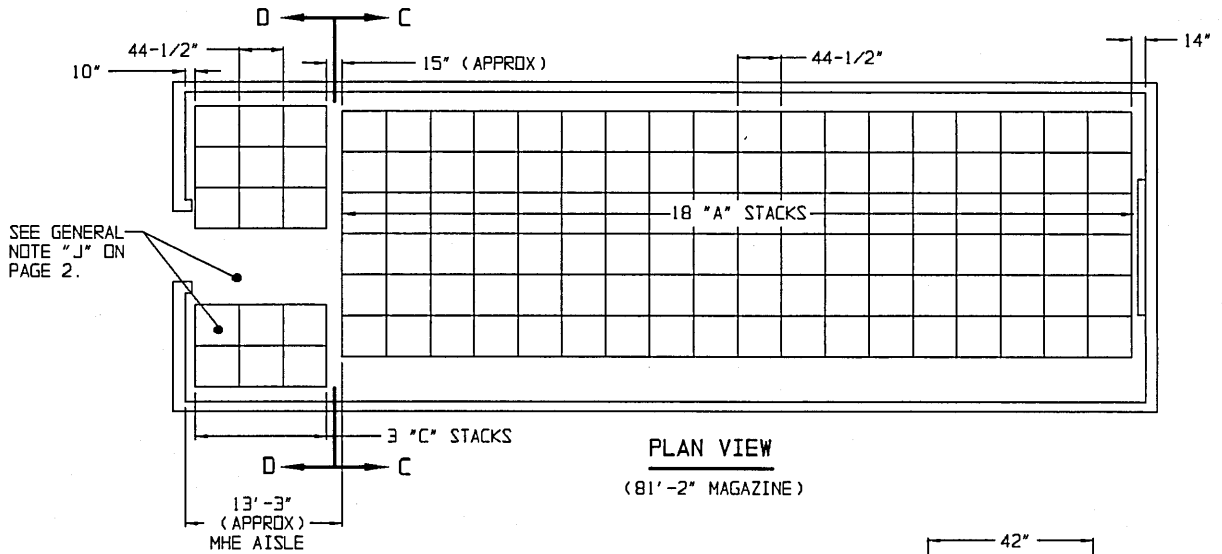


**ISOMETRIC VIEW**

(60'-8" IGLOO)

BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	74	37
C	45	23

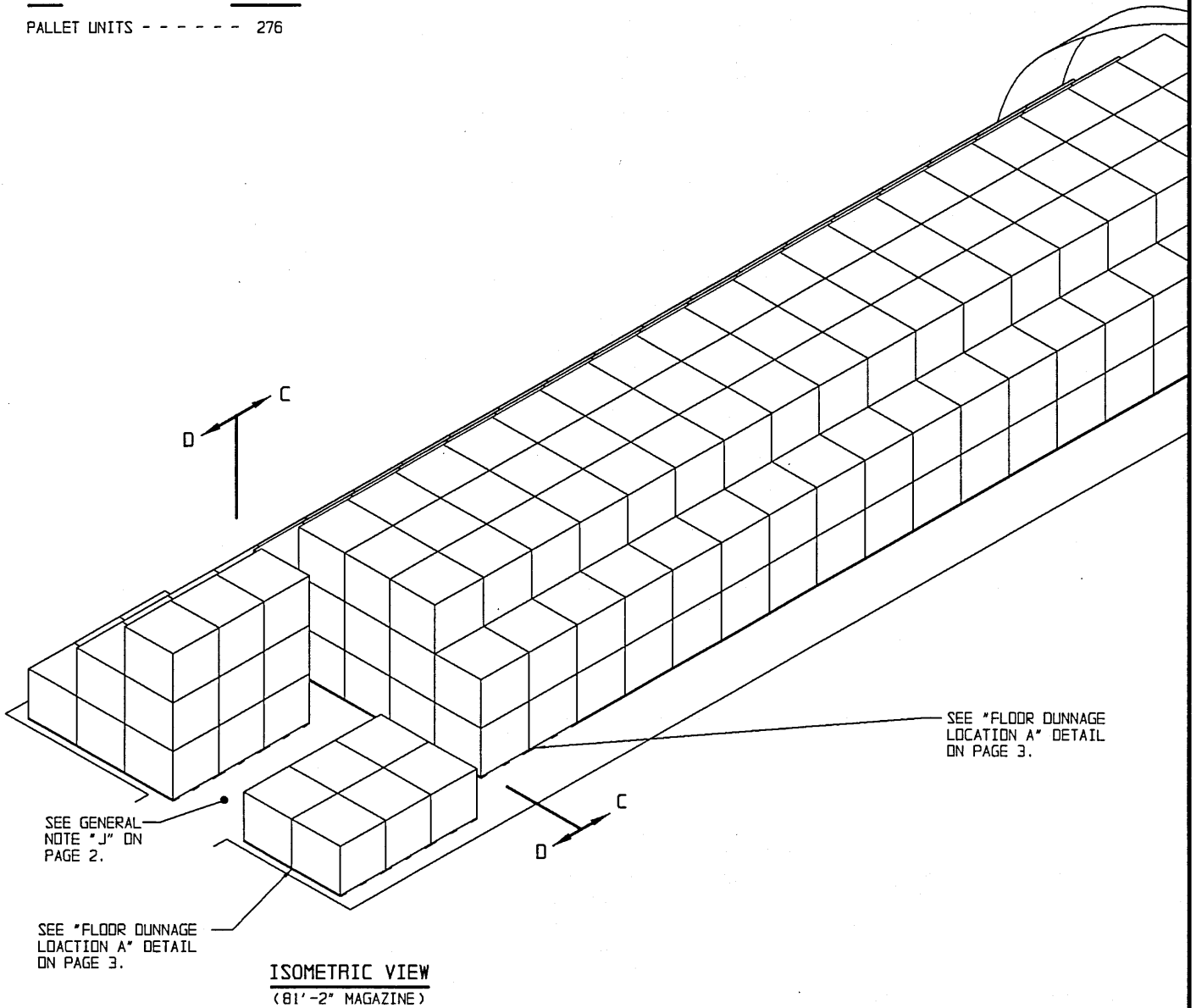
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



**STORAGE IN 81'-2" MAGAZINE**

(12'-1-3/4" HIGH)

ITEM                      QUANTITY  
 PALLET UNITS - - - - - 276



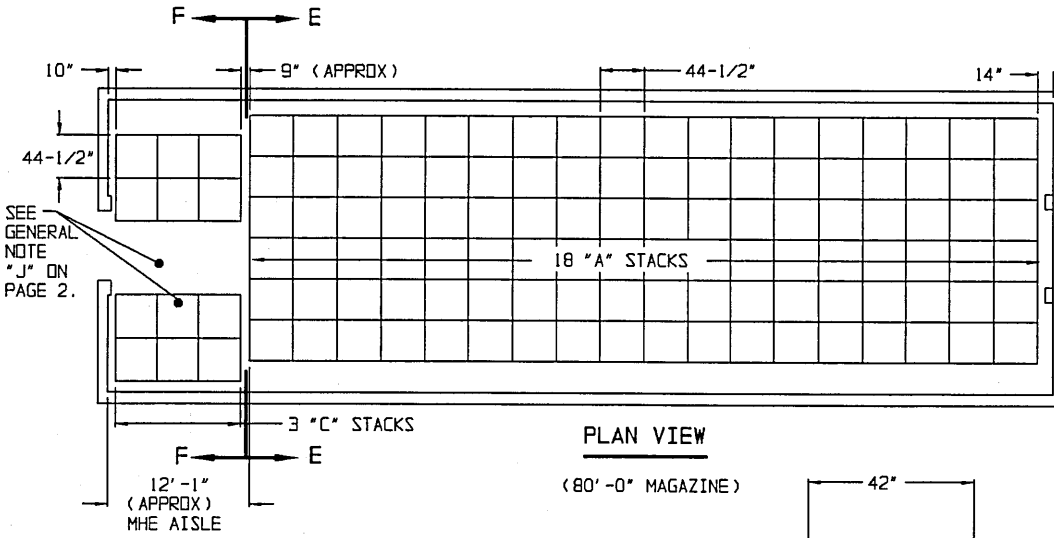
**ISOMETRIC VIEW**  
 (81'-2" MAGAZINE)

BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	63	32
C	53	27

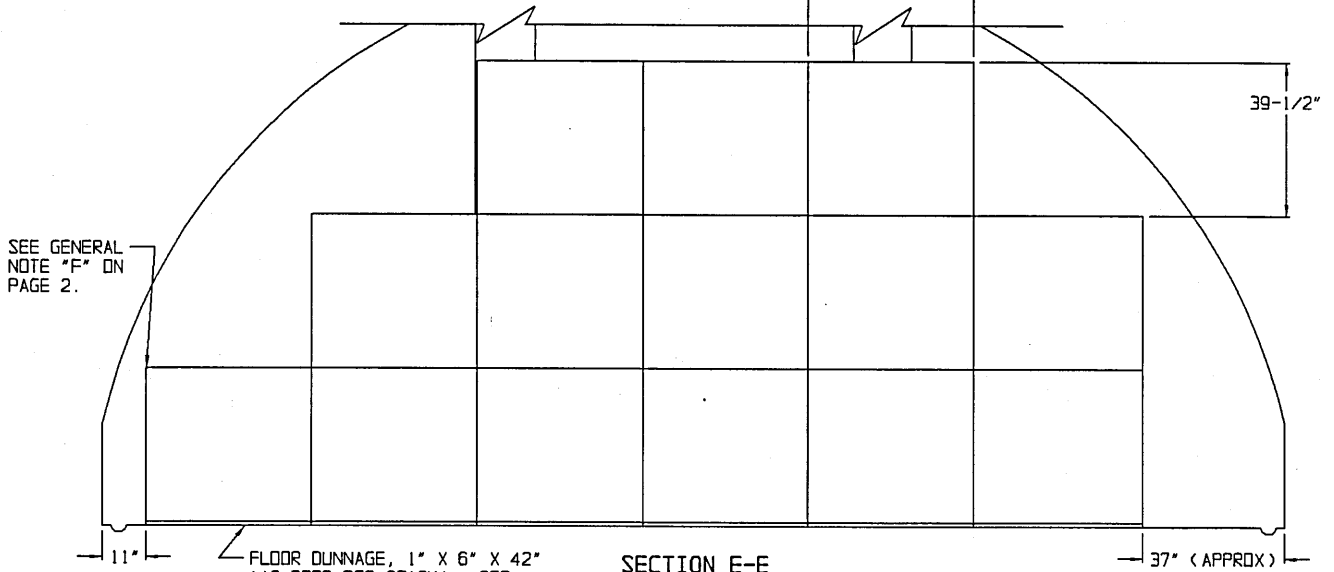
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

STORAGE IN 80'-0" MAGAZINE  
(12'-1-3/4" HIGH)

ITEM	QUANTITY
PALLET UNITS	----- 273



PLAN VIEW  
(80'-0" MAGAZINE)

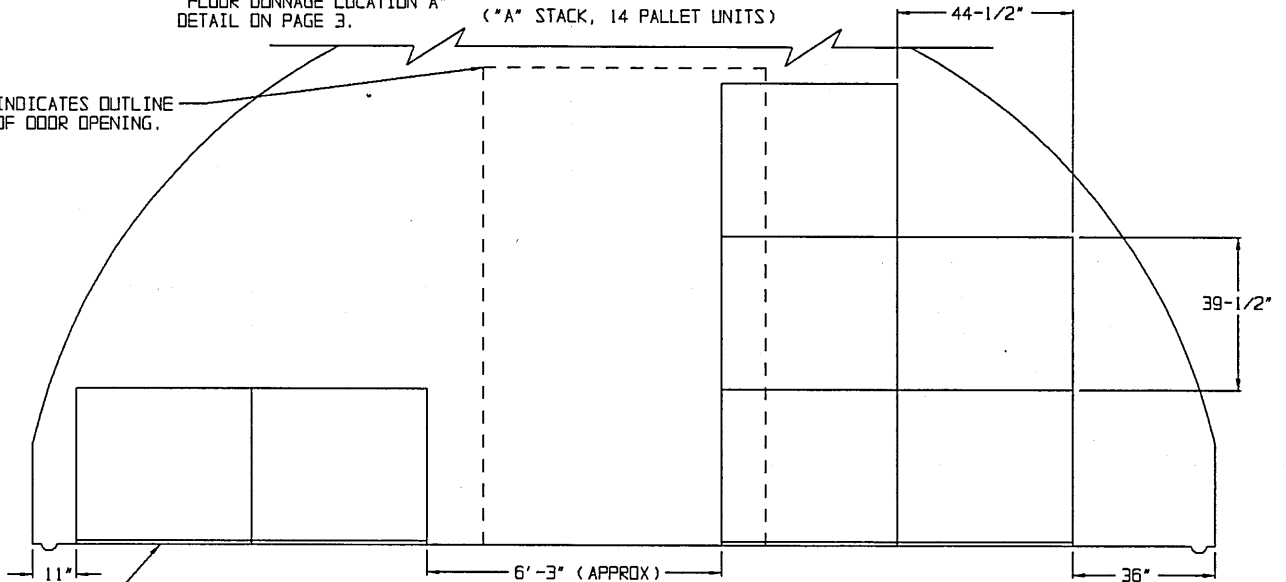


FLOOR DUNNAGE, 1" X 6" X 42"  
(18 REEDS PER STACK). SEE  
"FLOOR DUNNAGE LOCATION A"  
DETAIL ON PAGE 3.

SECTION E-E

("A" STACK, 14 PALLET UNITS)

INDICATES OUTLINE  
OF DOOR OPENING.



FLOOR DUNNAGE, 1" X 6" X 44-1/2"  
(12 REEDS PER STACK). SEE "FLOOR  
DUNNAGE LOCATION B" DETAIL ON  
PAGE 3.

SECTION F-F

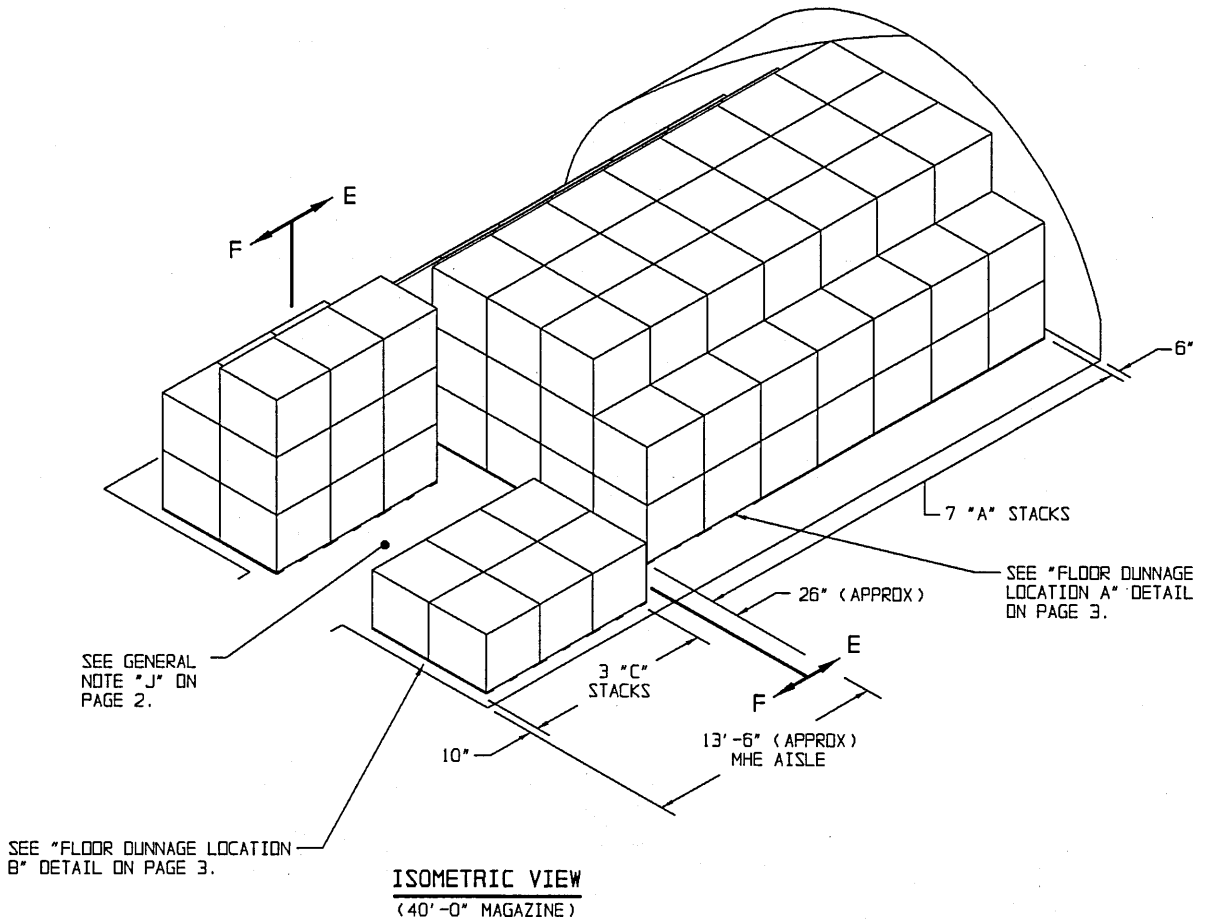
("C" STACK, 7 PALLET UNITS)



**STORAGE IN 40'-0" MAGAZINE**

(12'-1-3/4" HIGH)

ITEM                      QUANTITY  
 PALLET UNITS - - - - - 119



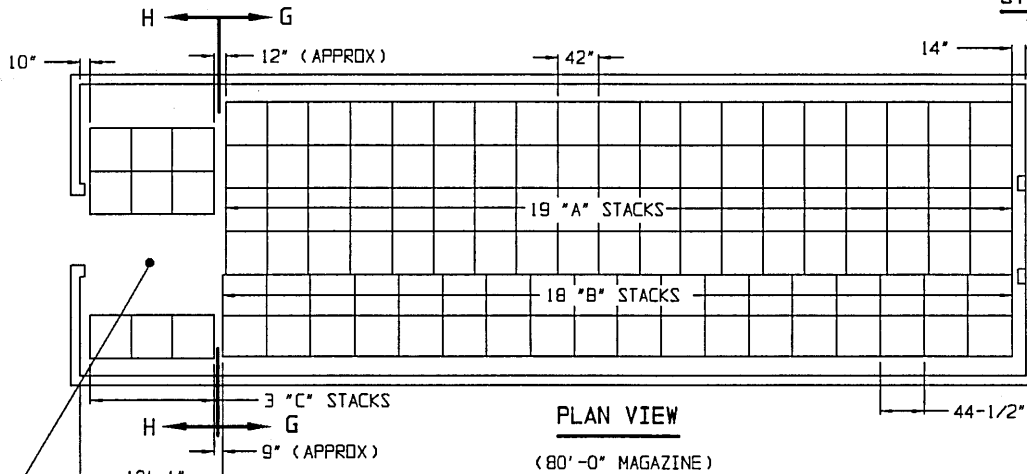
BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	63	32
C	45	23

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

**STORAGE IN 80'-0" MAGAZINE**

(11'-0" HIGH)

ITEM	QUANTITY
PALLET UNITS - - -	240



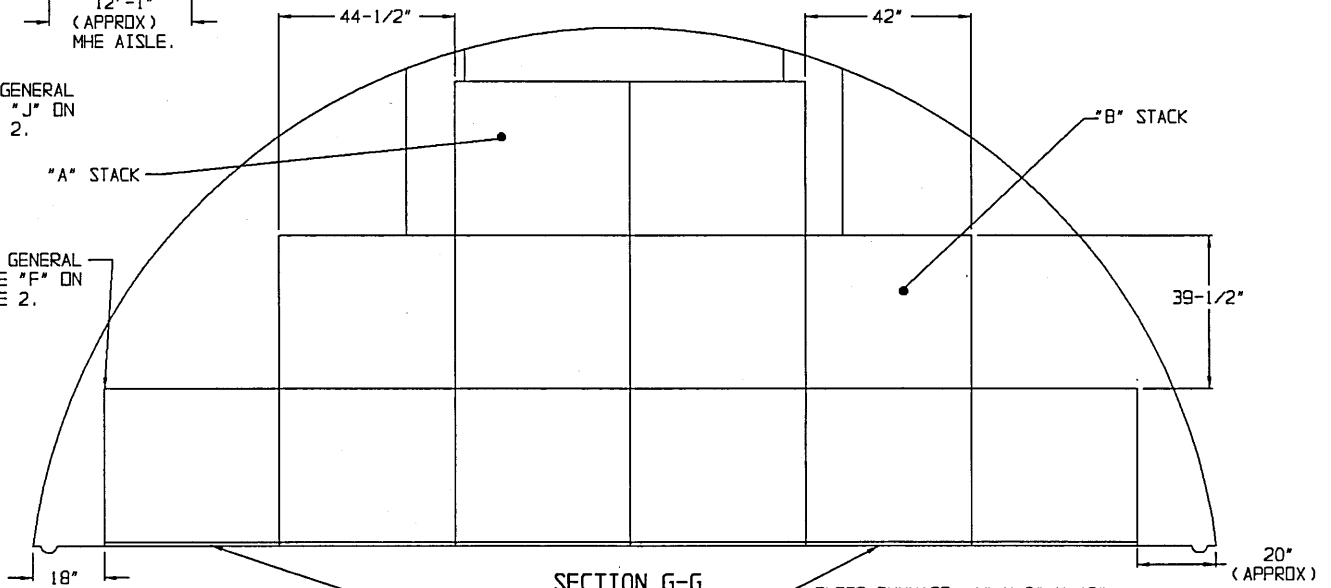
**PLAN VIEW**

(80'-0" MAGAZINE)

SEE GENERAL NOTE "J" ON PAGE 2.

"A" STACK

SEE GENERAL NOTE "F" ON PAGE 2.



**SECTION G-G**

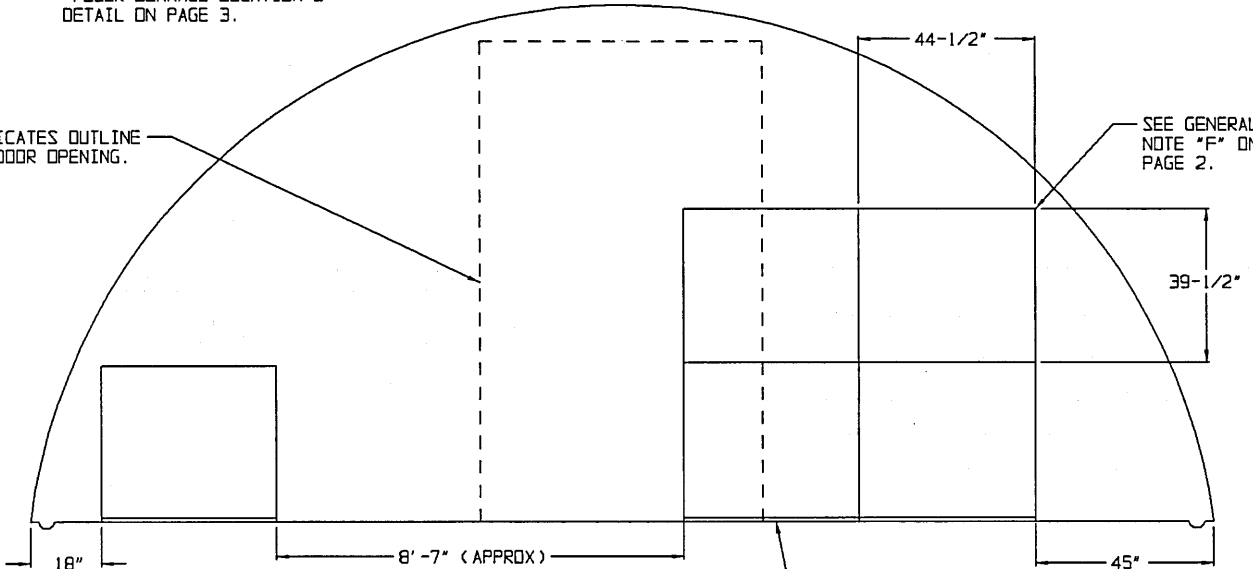
FLOOR DUNNAGE, 1" X 6" X 44-1/2"  
(12 REOD PER "A" STACK). SEE  
"FLOOR DUNNAGE LOCATION B"  
DETAIL ON PAGE 3.

(\* "A" STACK, 9 PALLET UNITS;  
\* "B" STACK, 3 PALLET UNITS)

FLOOR DUNNAGE, 1" X 6" X 42"  
(6 REOD PER "B" STACK). SEE  
"FLOOR DUNNAGE LOCATION  
B" DETAIL ON PAGE 3.

INDICATES OUTLINE OF DOOR OPENING.

SEE GENERAL NOTE "F" ON PAGE 2.



**SECTION H-H**

(\* "C" STACK, 5 PALLET UNITS)

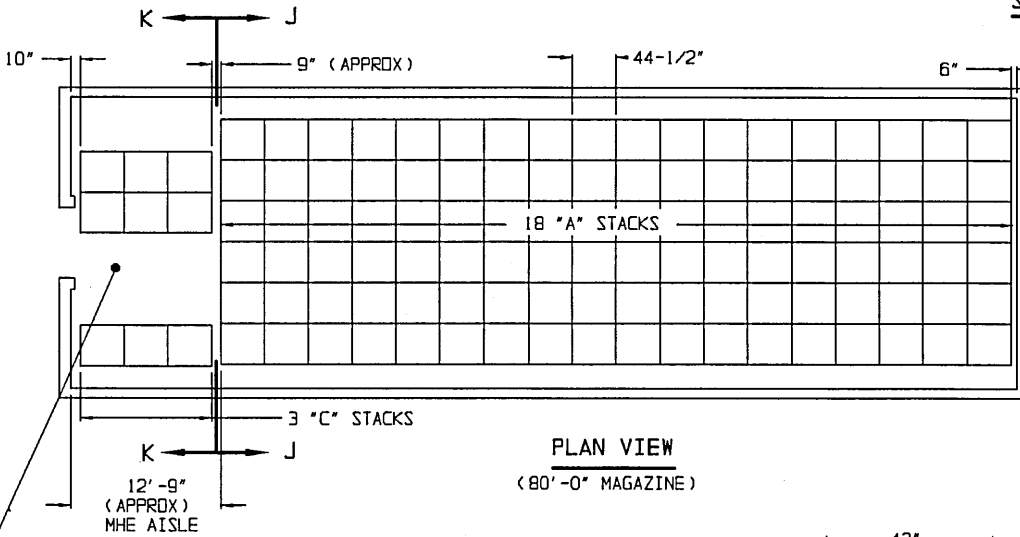
FLOOR DUNNAGE, 1" X 6" X 44-1/2"  
(9 REOD PER STACK). SEE "FLOOR  
DUNNAGE LOCATION B" DETAIL  
ON PAGE 3.



**STORAGE IN 80'-0" MAGAZINE**

(10'-0" HIGH)

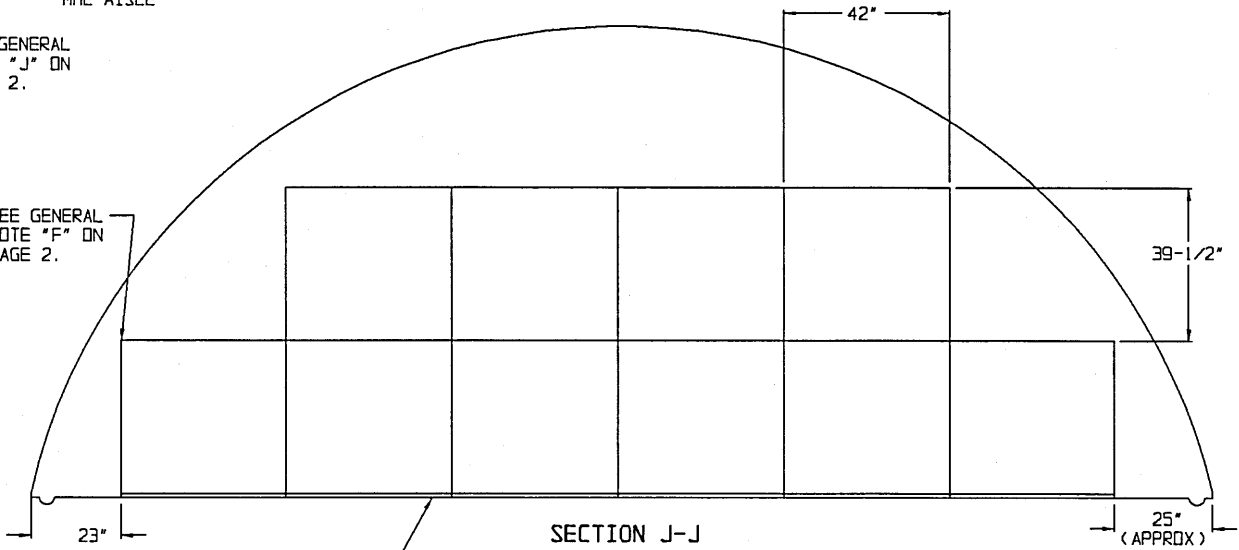
ITEM	QUANTITY
PALLET UNITS - - - - -	195



**PLAN VIEW**  
(80'-0" MAGAZINE)

SEE GENERAL NOTE "J" ON PAGE 2.

SEE GENERAL NOTE "F" ON PAGE 2.



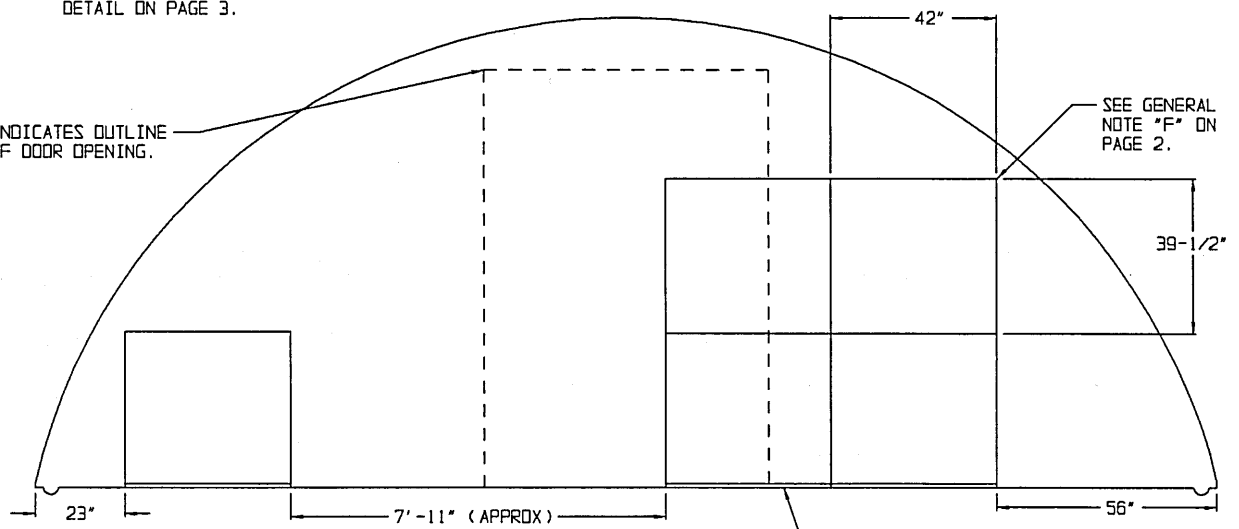
**SECTION J-J**

( "A" STACK, 10 PALLET UNITS )

FLOOR DUNNAGE, 1" X 6" X 42"  
(18 REGD PER STACK). SEE "FLOOR DUNNAGE LOCATION A" DETAIL ON PAGE 3.

INDICATES OUTLINE OF DOOR OPENING.

SEE GENERAL NOTE "F" ON PAGE 2.



**SECTION K-K**

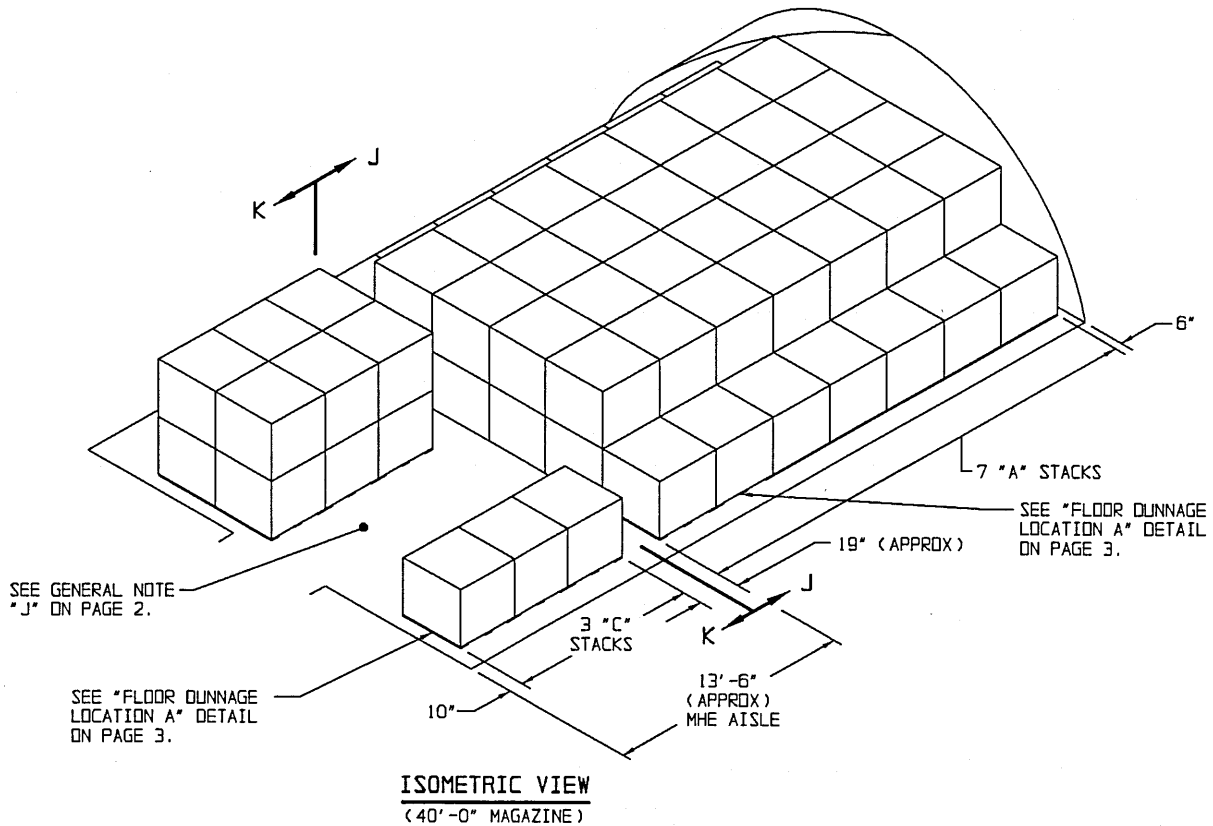
( "C" STACK, 5 PALLET UNITS )

FLOOR DUNNAGE, 1" X 6" X 42"  
(9 REGD PER STACK). SEE "FLOOR DUNNAGE LOCATION A" DETAIL ON PAGE 3.

**STORAGE IN 40'-0" MAGAZINE**

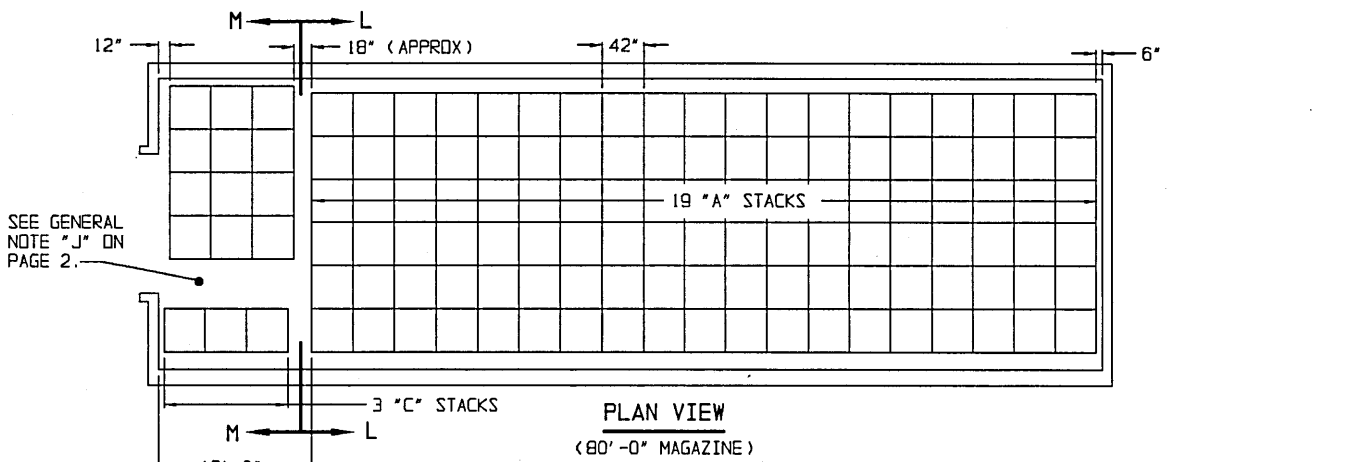
(10'-0" HIGH)

**ITEM**                      **QUANTITY**  
 PALLET UNITS - - - - - 85

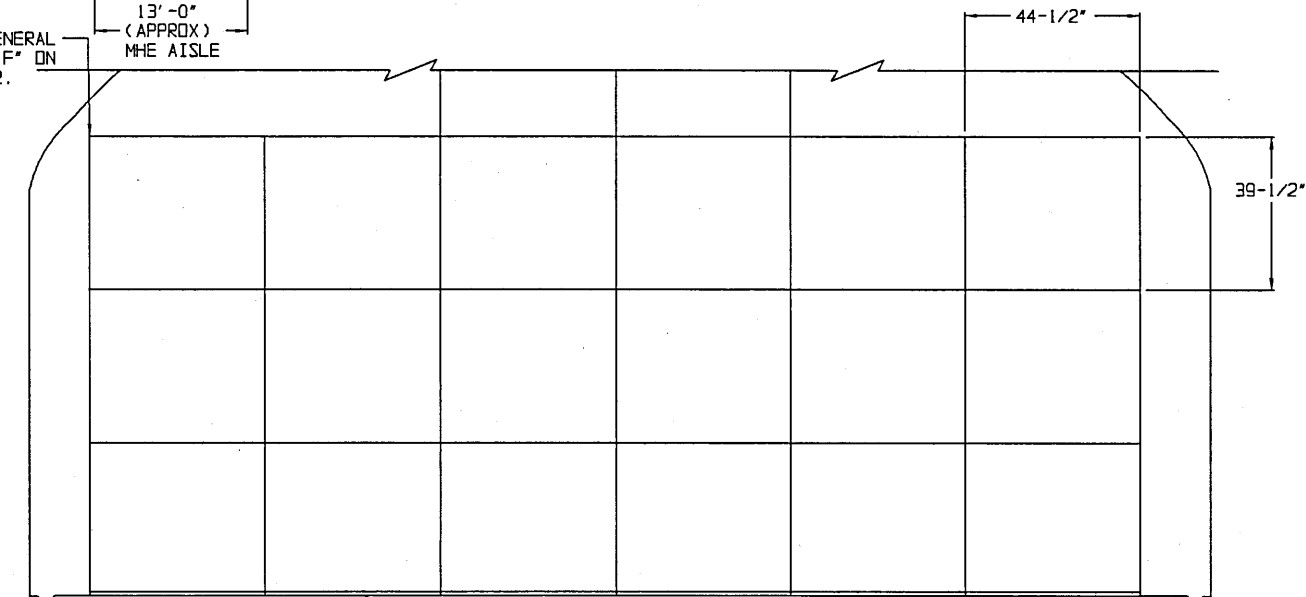


BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	63	32
C	32	16

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



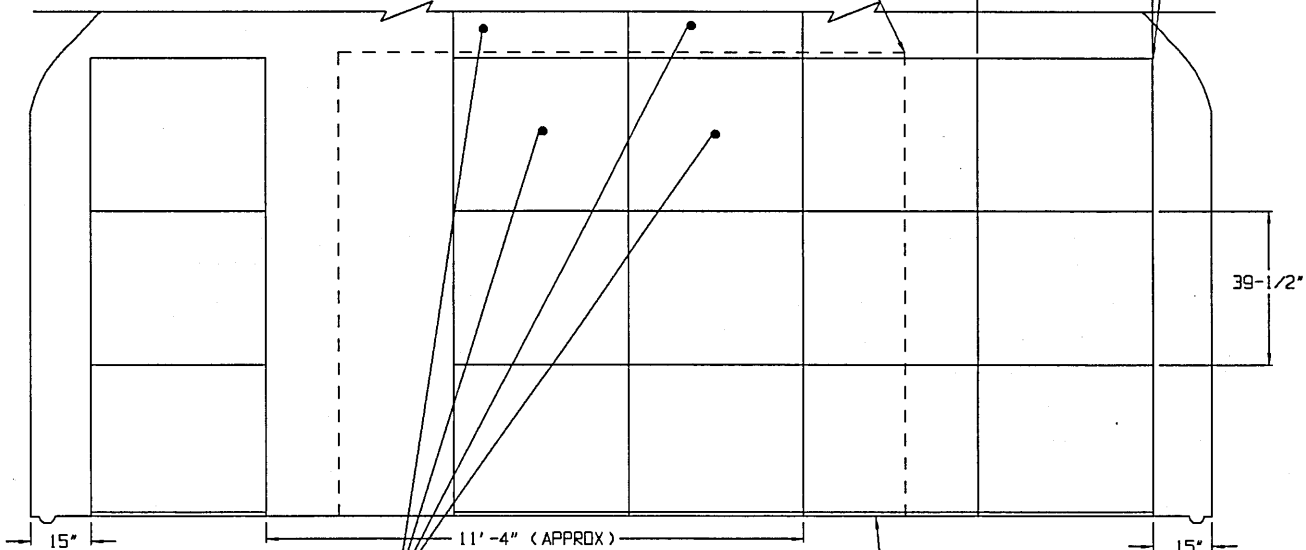
**PLAN VIEW**  
(80'-0" MAGAZINE)



**SECTION L-L**  
(\*A\* STACK, 20 PALLET UNITS)

15" FLOOR DUNNAGE, 1" X 6" X 44-1/2" (18 REDD PER STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

SEE GENERAL NOTE "F" ON PAGE 2.



**SECTION M-M**  
(\*C\* STACK, 17 PALLET UNITS)

OMIT THESE PALLET UNITS FROM THE 2 STACKS NEXT TO THE DOOR.

FLOOR DUNNAGE, 1" X 6" X 44-1/2" (15 REDD PER STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

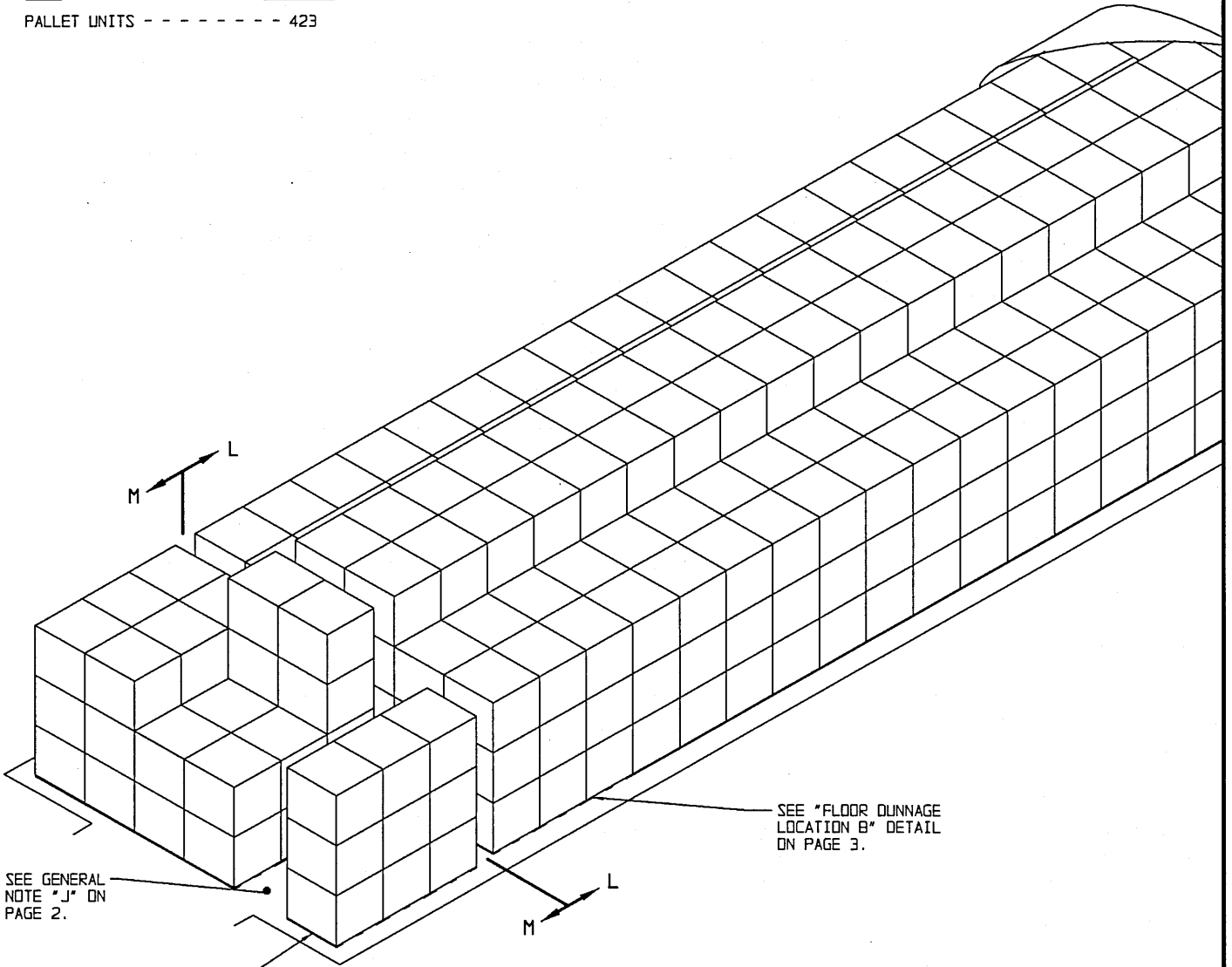
**STORAGE PROCEDURES IN 80'-0" L X 25'-0" W X 14'-0" H STRADLEY MAGAZINE**

**STORAGE IN 80'-0" MAGAZINE**

(14'-0" HIGH)

ITEM                      QUANTITY

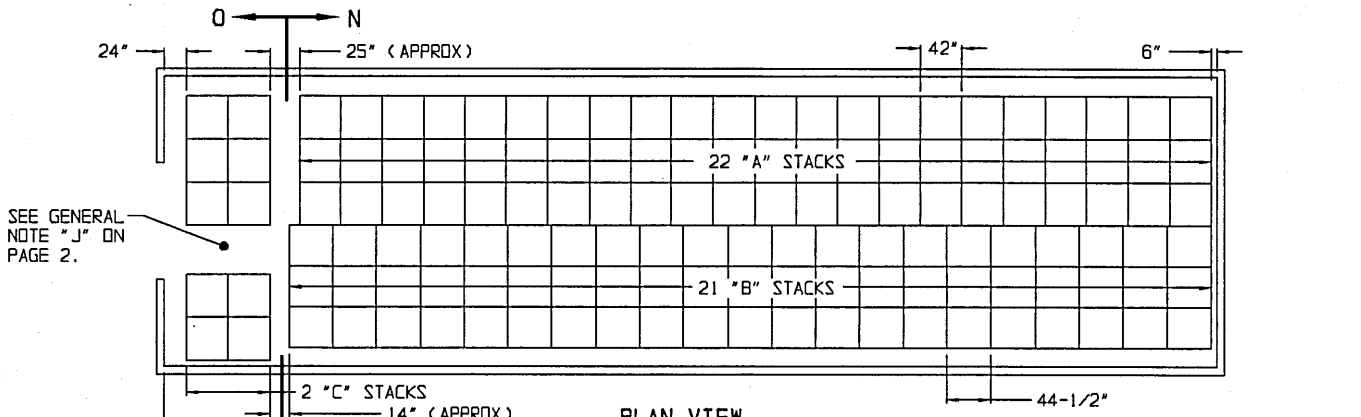
PALLET UNITS - - - - - 423



**ISOMETRIC VIEW**  
(80'-0" MAGAZINE)

BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	67	34
C	56	28

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



SEE GENERAL NOTE "J" ON PAGE 2.

SEE GENERAL NOTE "F" ON PAGE 2.

20" (APPROX)

FLOOR DUNNAGE, 1" X 6" X 42" (9 REQD PER STACK). SEE "FLOOR DUNNAGE LOCATION A" DETAIL ON PAGE 3.

**PLAN VIEW**  
(89'-0" MAGAZINE)

FLOOR DUNNAGE, 1" X 6" X 44-1/2" (9 REQD PER STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

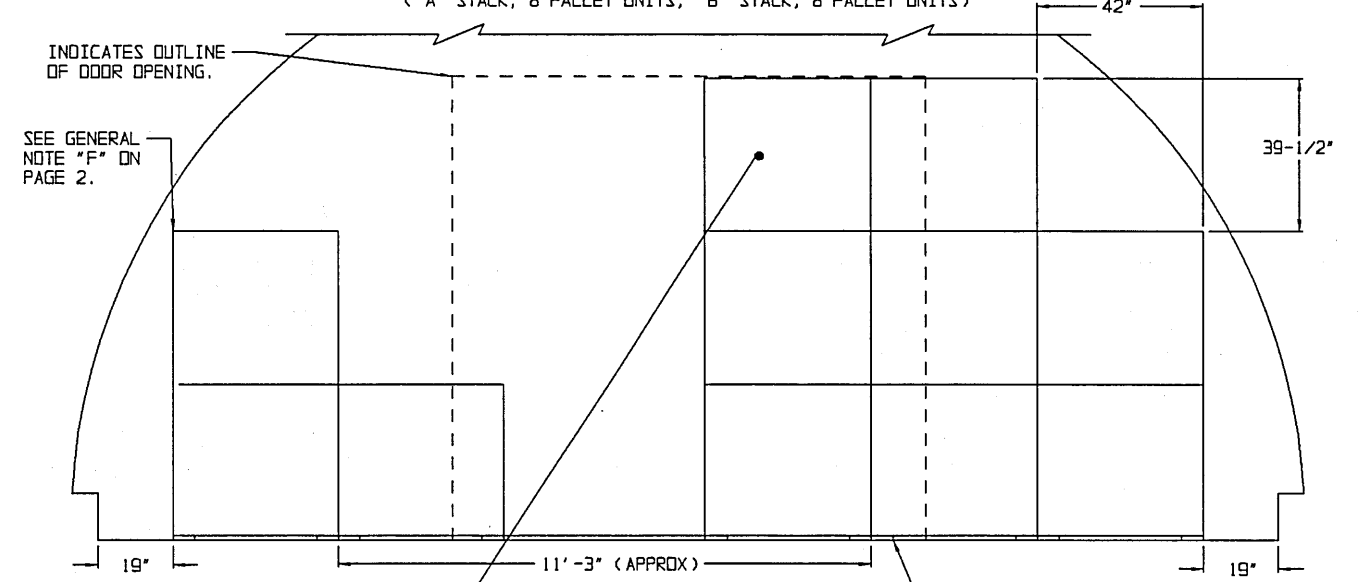
INDICATES OUTLINE OF DOOR OPENING.

SEE GENERAL NOTE "F" ON PAGE 2.

OMIT THIS PALLET UNIT FROM THE STACK NEXT TO THE DOOR.

**SECTION N-N**

(\*A\* STACK, 8 PALLET UNITS, \*B\* STACK, 8 PALLET UNITS)



**SECTION 0-0**

(\*C\* STACK, 11 PALLET UNITS)

FLOOR DUNNAGE, 1" X 6" X 44-1/2" (15 REQD PER STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

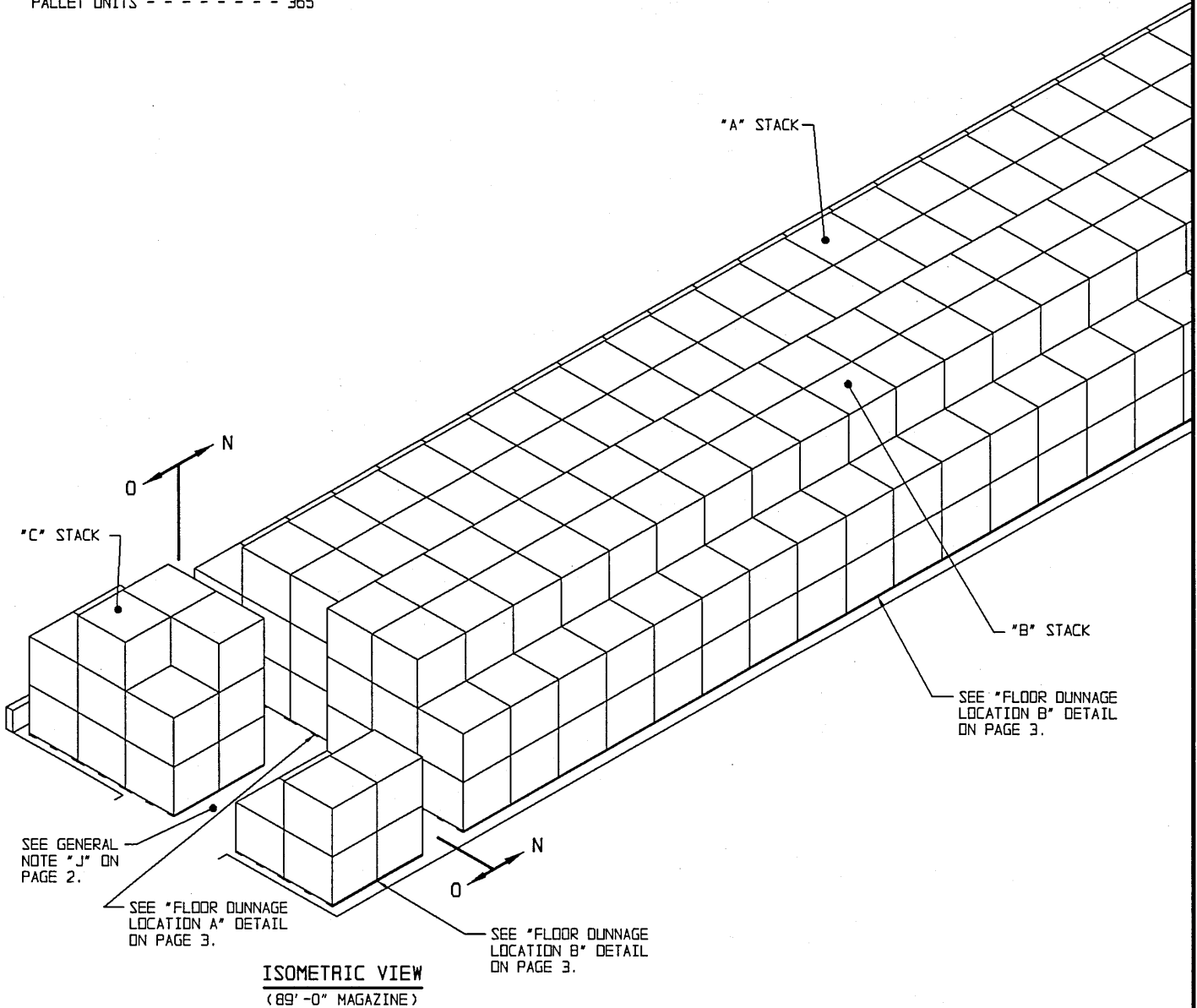


**STORAGE IN 89'-0" MAGAZINE**

(13'-6" HIGH)

ITEM                      QUANTITY

PALLET UNITS - - - - - 365



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

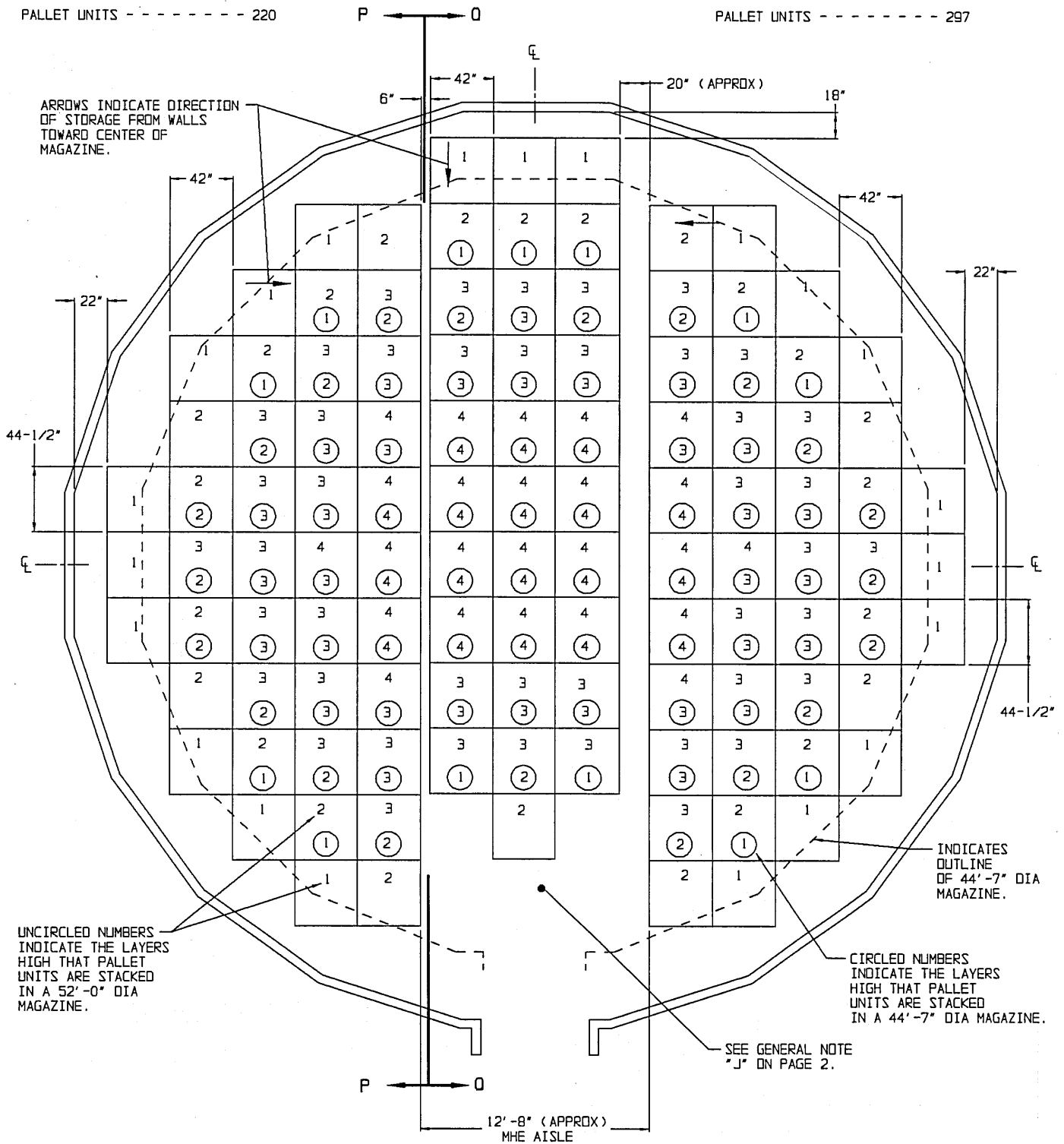
BILL OF MATERIAL (PER STACK)		
TYPE STACK	1" X 6" DUNNAGE LUMBER	
	LINEAR FEET	BOARD FEET
A	32	16
B	34	17
C	56	28

**STORAGE IN 44'-7" DIA MAGAZINE**

**STORAGE IN 52'-0" DIA MAGAZINE**

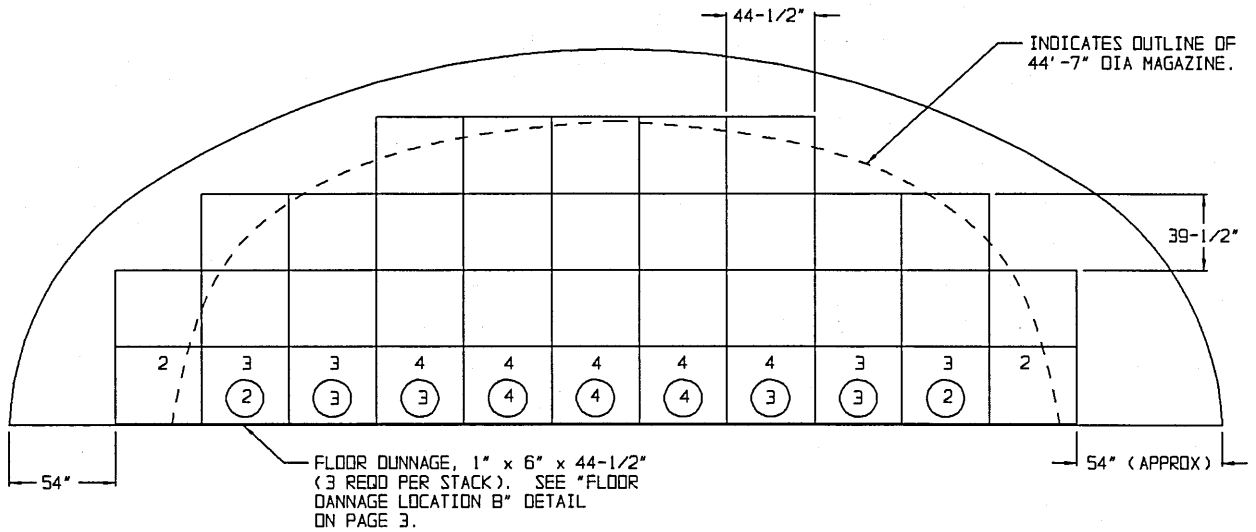
ITEM                      QUANTITY  
 PALLET UNITS - - - - - 220

ITEM                      QUANTITY  
 PALLET UNITS - - - - - 297



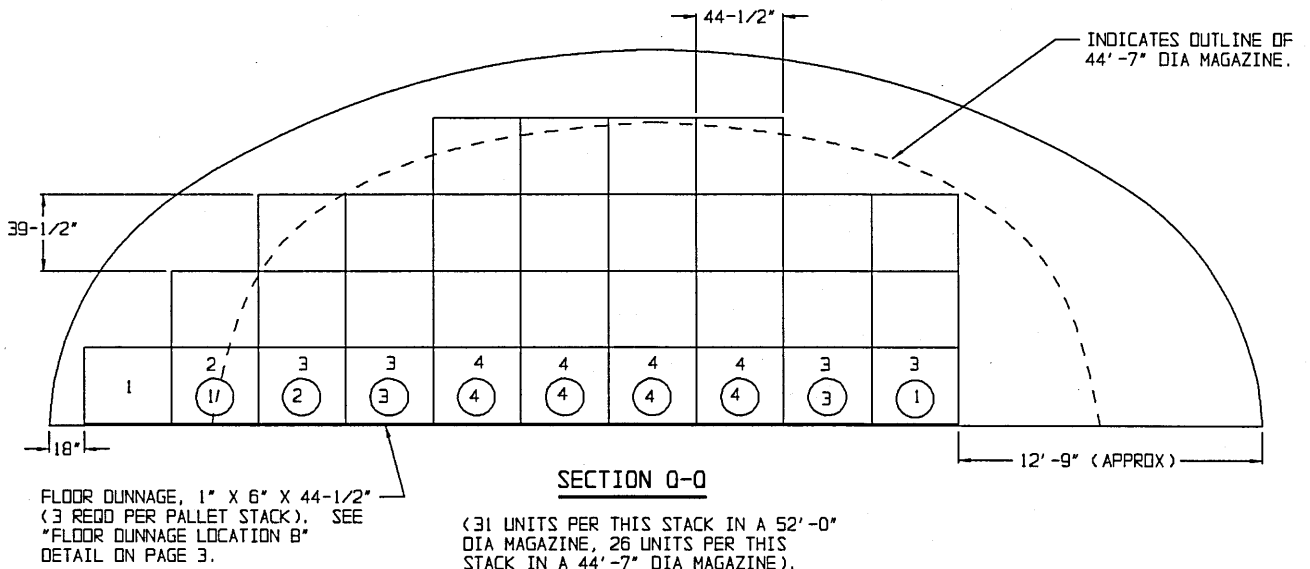
**PLAN VIEW**  
 (52'-0" DIA MAGAZINE)

**STORAGE PROCEDURES IN 52'-0" AND 44'-7" DIA CORBETTA MAGAZINES**



**SECTION P-P**

(36 UNITS PER THIS STACK IN A 52'-0" DIA MAGAZINE, 28 UNITS PER THIS STACK IN A 44'-7" DIA MAGAZINE).



**SECTION Q-Q**

(31 UNITS PER THIS STACK IN A 52'-0" DIA MAGAZINE, 26 UNITS PER THIS STACK IN A 44'-7" DIA MAGAZINE).

**BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)**

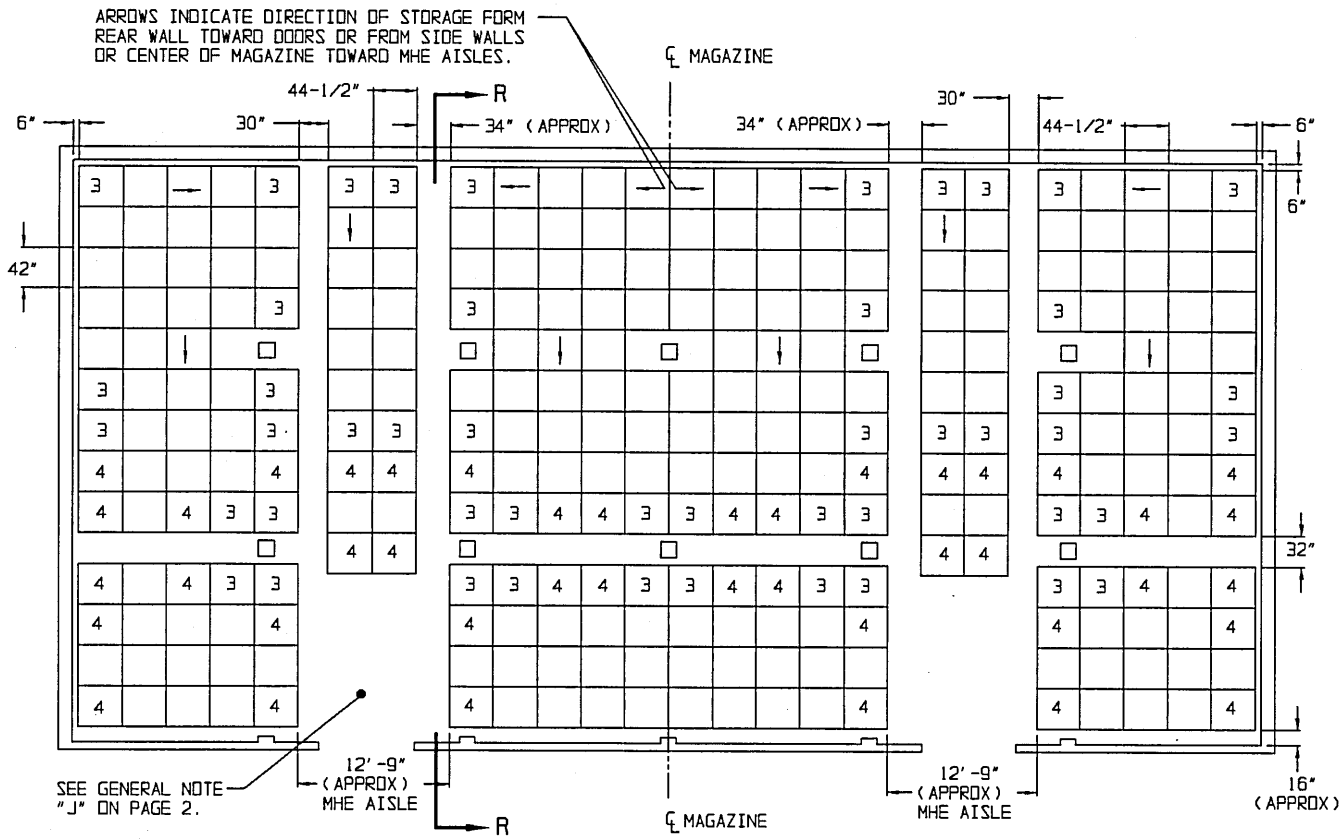
LUMBER	LINEAR FEET	BOARD FEET
1" X 6"	12	6

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

**SPECIAL NOTE:**

THE PRINCIPLES OF STORAGE IN 52'-0" DIA MAGAZINES CAN ALSO BE APPLIED TO STORAGE IN 44'-7" DIA OR OTHER DIA MAGAZINES. SOME PALLET STACKS MUST BE OMITTED AND PALLET UNITS MAY NEED TO BE OMITTED FROM SOME PALLET STACKS TO PROVIDE THE NECESSARY CLEARANCE FROM THE MAGAZINE WALL.

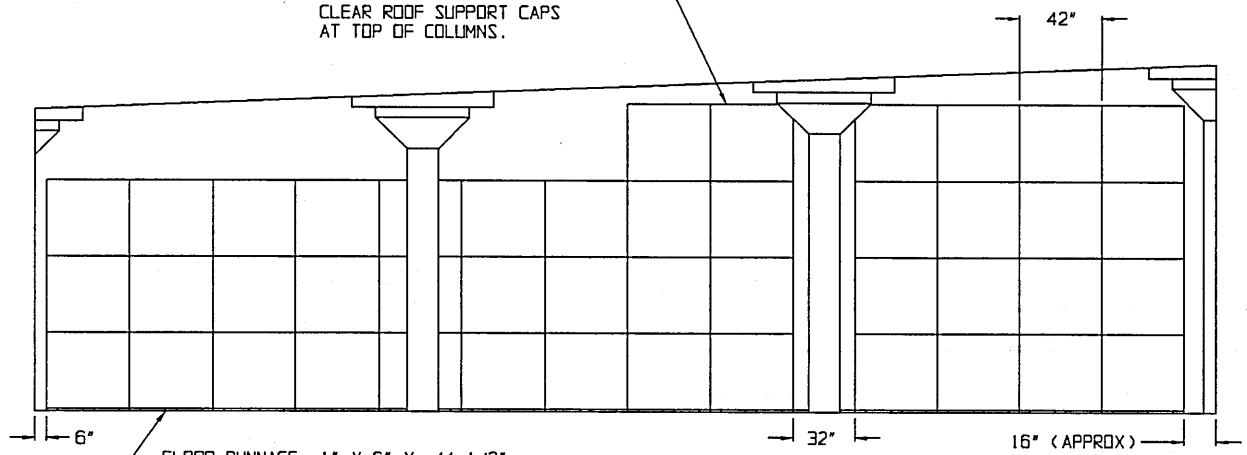
ARROWS INDICATE DIRECTION OF STORAGE FORM REAR WALL TOWARD DOORS OR FROM SIDE WALLS OR CENTER OF MAGAZINE TOWARD MHE AISLES.



**PLAN VIEW**

(100'-8" X 50'-0" MAGAZINE)

PALLET UNITS IN TOP LAYER WILL BE OMITTED AS REQUIRED TO CLEAR ROOF SUPPORT CAPS AT TOP OF COLUMNS.

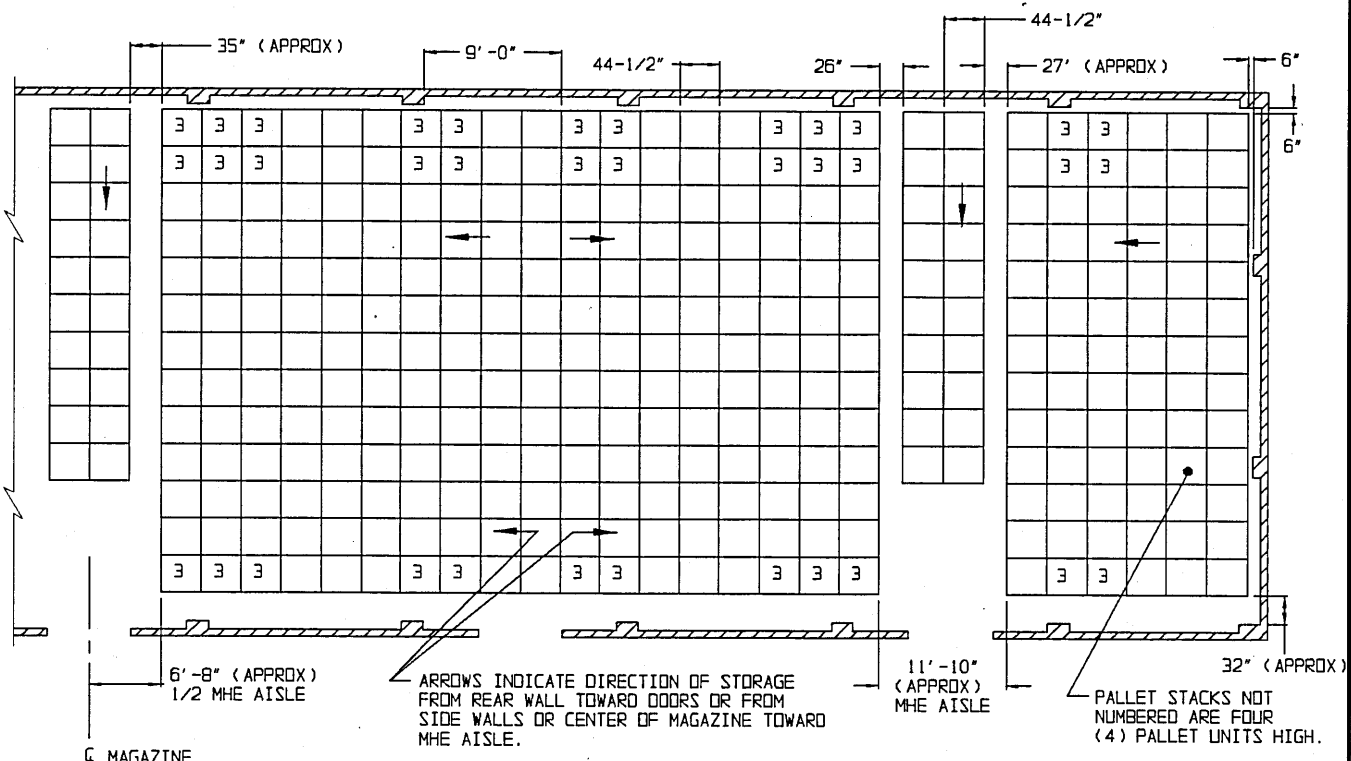


FLOOR DUNNAGE, 1" X 6" X 44-1/2" (3 RECD PER PALLET STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

**SECTION R-R**

**STORAGE PROCEDURES IN 100'-8" L X 50'-0" W RECTANGULAR MAGAZINE**



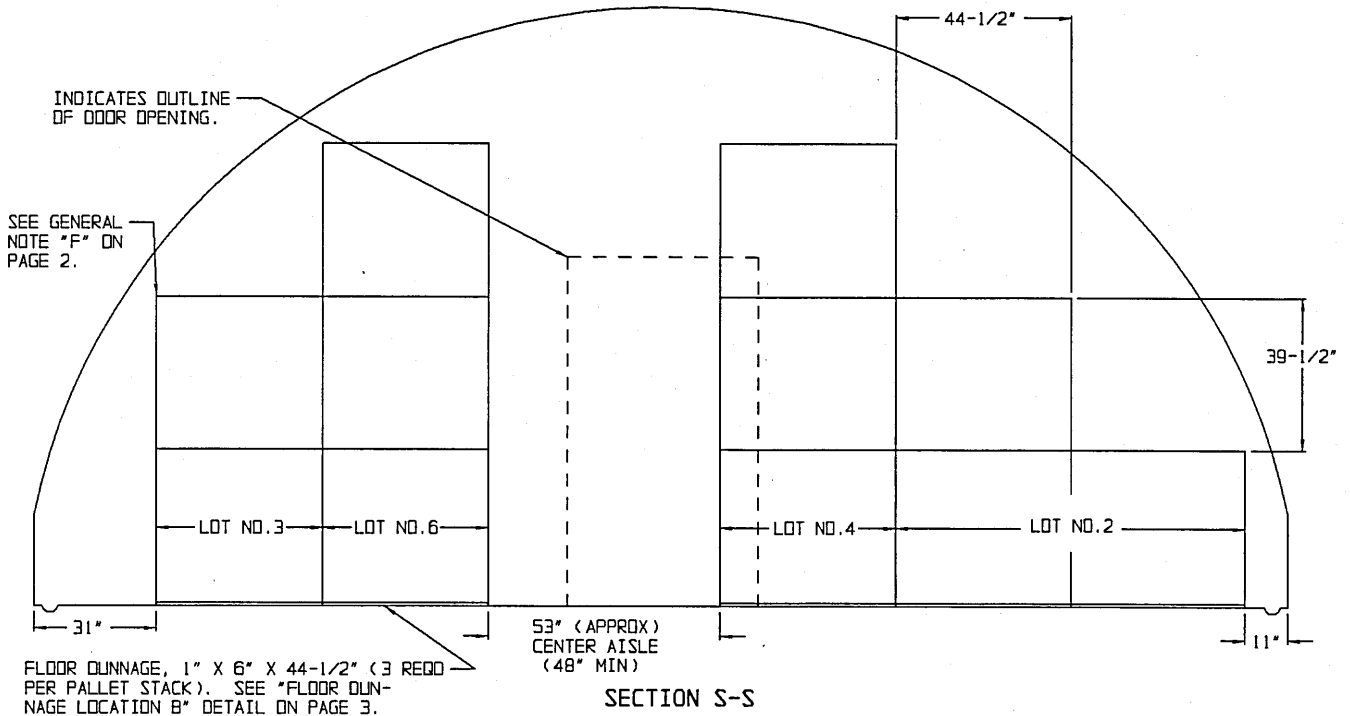
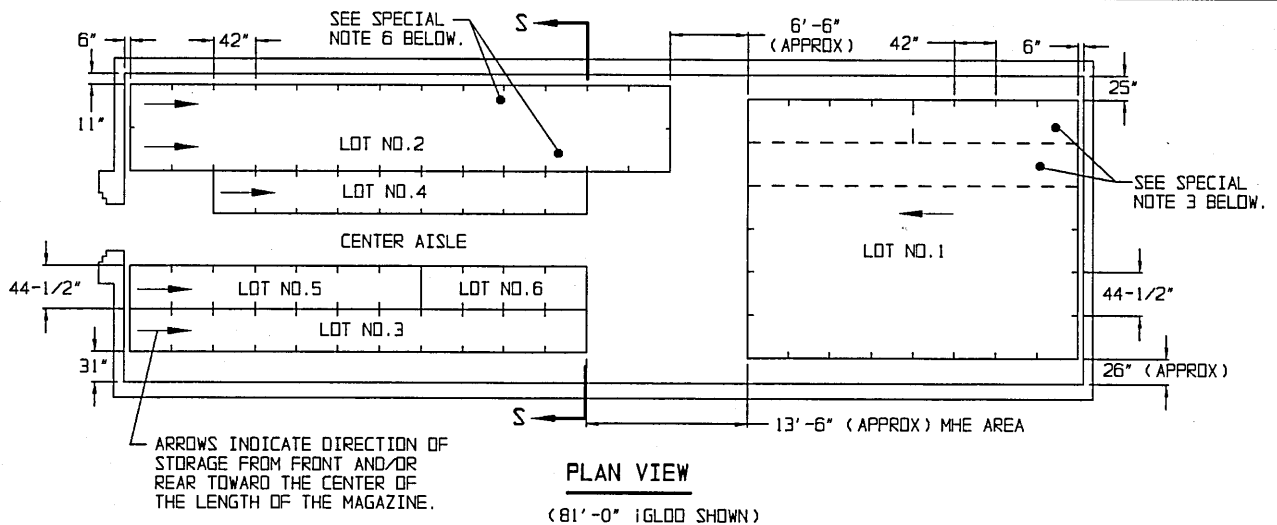


**PLAN VIEW**

(ONE-HALF OF 217'-4" X 50'-3" MAGAZINE SHOWN)

STORAGE PROCEDURES IN 217'-4" L X 50'-3" W X 14'-1-1/4" H STANDARD MAGAZINE





**SPECIAL NOTES:**

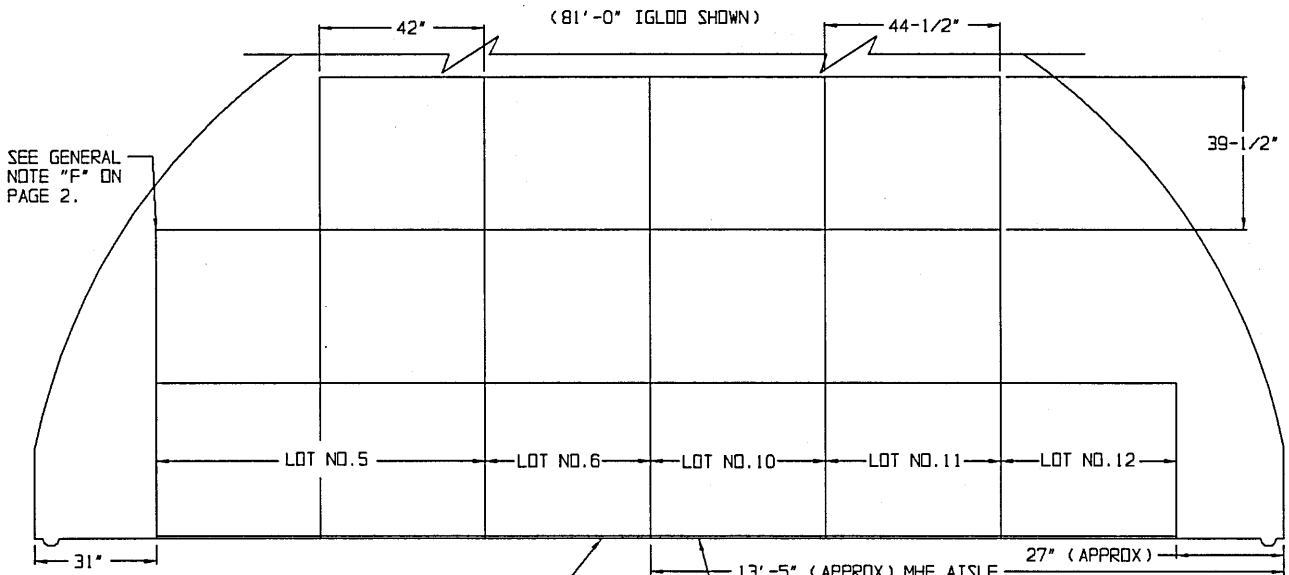
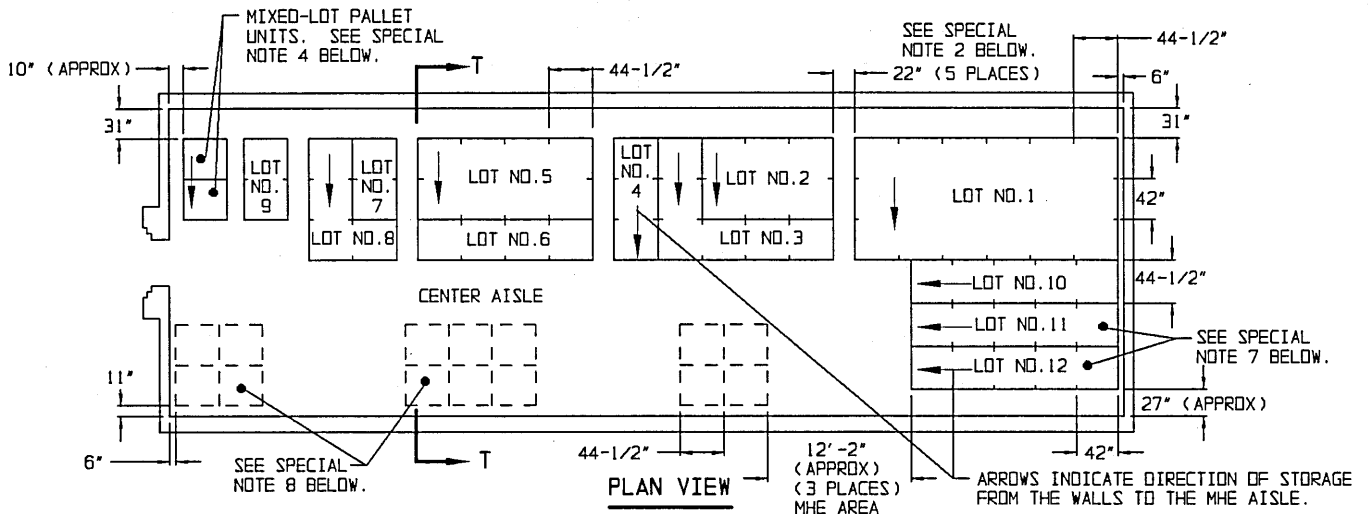
1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING ROWS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. A SINGLE-LOT OF PALLET UNITS IS CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT. A "LIFT" MAY CONSIST OF ONE (1) OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.

**(SPECIAL NOTES CONTINUED)**

5. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
6. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
7. A 13'-6" MHE OPERATING AREA HAS BEEN SHOWN. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON EACH SIDE OF THE MAGAZINE) IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORK LIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.
8. WHEN STORING MULTIPLE LOTS IN THE STEEL ARCH MAGAZINE, FLOOR DUNNAGE MUST BE POSITIONED LENGTHWISE IN THE MAGAZINE AS SHOWN IN THE SECTION VIEWS ON PAGE 16.

(CONTINUED AT RIGHT)





FLOOR DUNNAGE, 1" X 6" X 42" (3 REQD PER PALLET STACK). SEE "FLOOR DUNNAGE LOCATION A" ON PAGE 3.

SECTION T-T

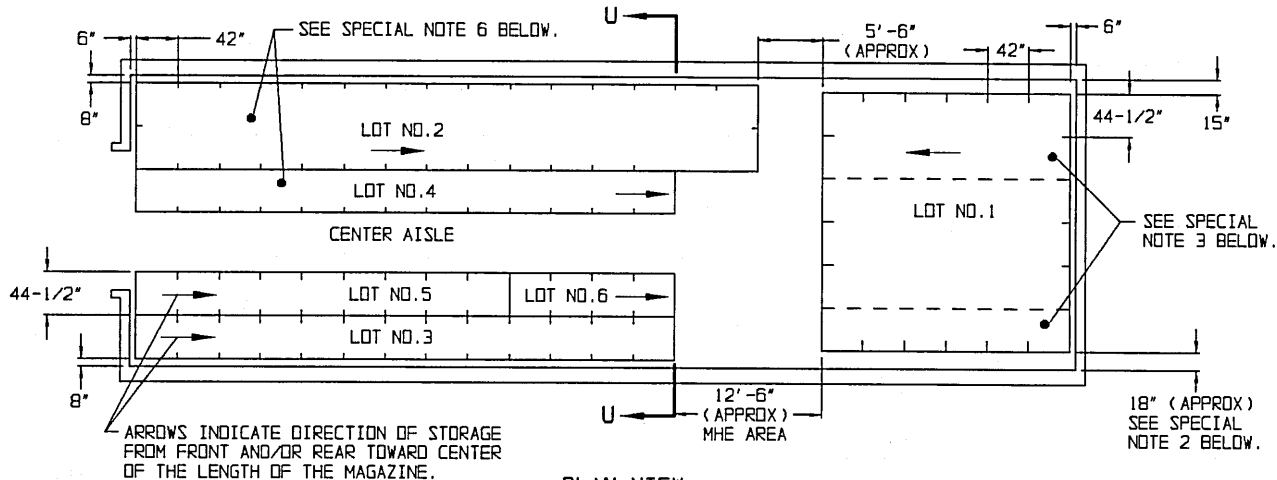
FLOOR DUNNAGE, 1" X 6" X 44-1/2" (3 REQD PER PALLET STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

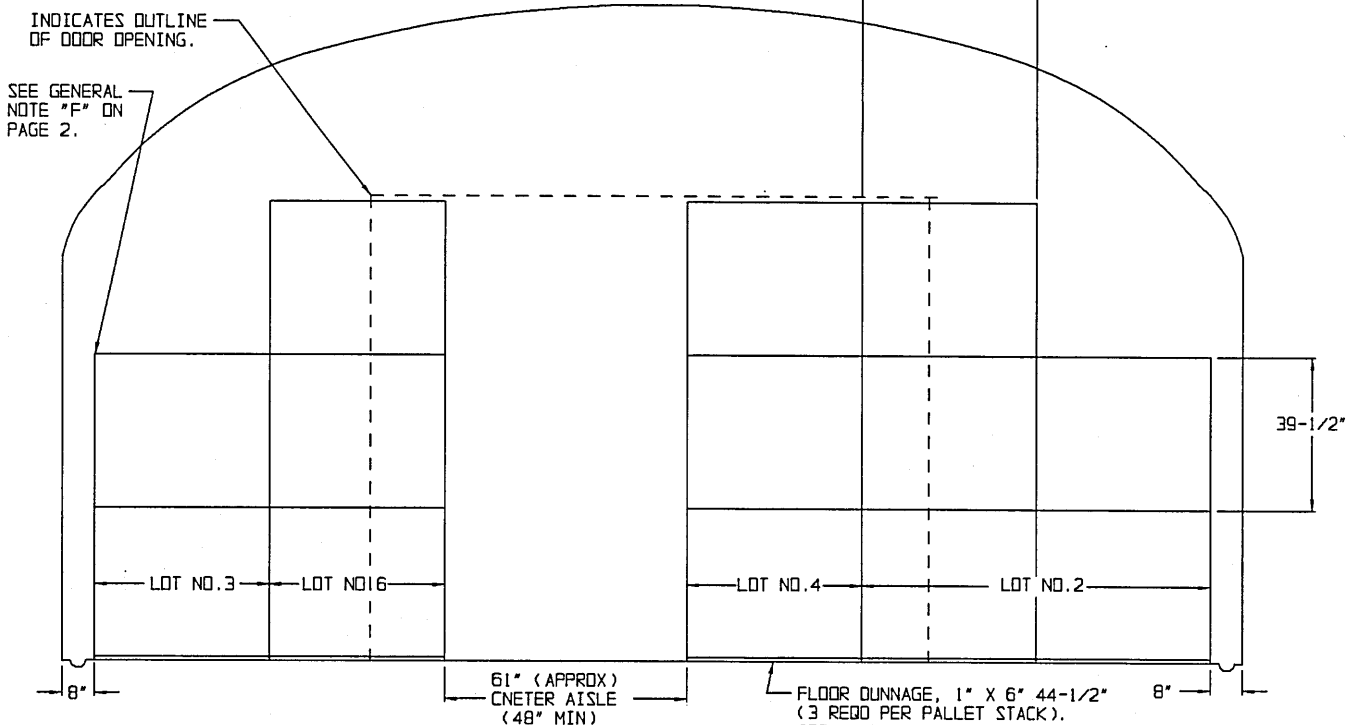
1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO STORAGE OF NUMEROUS SMALL LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "BURIED" LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT, HOWEVER, LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. OF A SINGLE-LOT OR MIXED-LOT ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO A SINGLE-LOT OR MIXED-LOT UNITS. A "LIFT" MAY CONSIST OF ONE (1) OR TWO PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDE-WALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE. (CONTINUED AT RIGHT)
7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
8. AREAS INCLUDED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL ITEMS MAY BE STORED, THAT ARE FROM THE LOT OR LOTS WHICH ARE DIRECTLY OR ALMOST DIRECTLY ACROSS THE CENTER AISLE ON THE OTHER SIDE OF THE MAGAZINE. COMPLIANCE WITH ALL OF THE MULTIPLE LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE SIZE OF THE LOTS BEING STORED AND THE CRITERIA OF SPECIAL NOTE 5, RELATIVE TO "12 LIFTS", WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF UNITS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADDITIONAL STORAGE LOCATIONS. A 12'-2" MHE OPERATING AREA HAS BEEN SPECIFIED FOR ACCESS TO EACH "ADDITIONAL STORAGE LOCATION" BY FORKLIFT TRUCK. THIS OPERATING AREA IS BASED ON REQUIREMENTS OF FORKLIFT TRUCKS COMMONLY USED IN STORAGE MAGAZINES. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON ONE SIDE OF A MAGAZINE AND AN "ADDITIONAL STORAGE LOCATION") IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.
9. WHEN STORING MULTIPLE LOTS IN THE STEEL ARCH MAGAZINE, FLOOR DUNNAGE MUST BE POSITIONED LENGTHWISE IN THE MAGAZINE AS SHOWN IN THE SECTION VIEWS ON PAGE 16.

TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES



**PLAN VIEW**

(80'-0" MAGAZINE SHOWN)



**SECTION U-U**

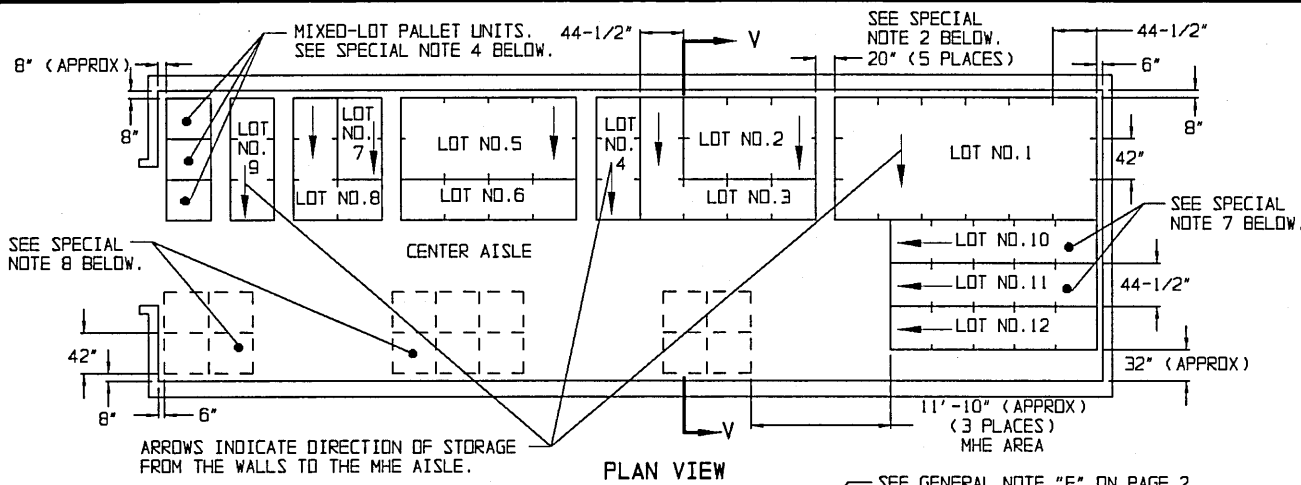
**SPECIAL NOTES:**

1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING ROWS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. A CENTER AISLE WILL NOT BE REQUIRED IN THE REAR AREA AS LONG AS EACH LOT IS ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. A SINGLE-LOT OF PALLET UNITS IS CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT. A "LIFT" MAY CONSIST OF ONE (1) OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.

(SPECIAL NOTES CONTINUED)

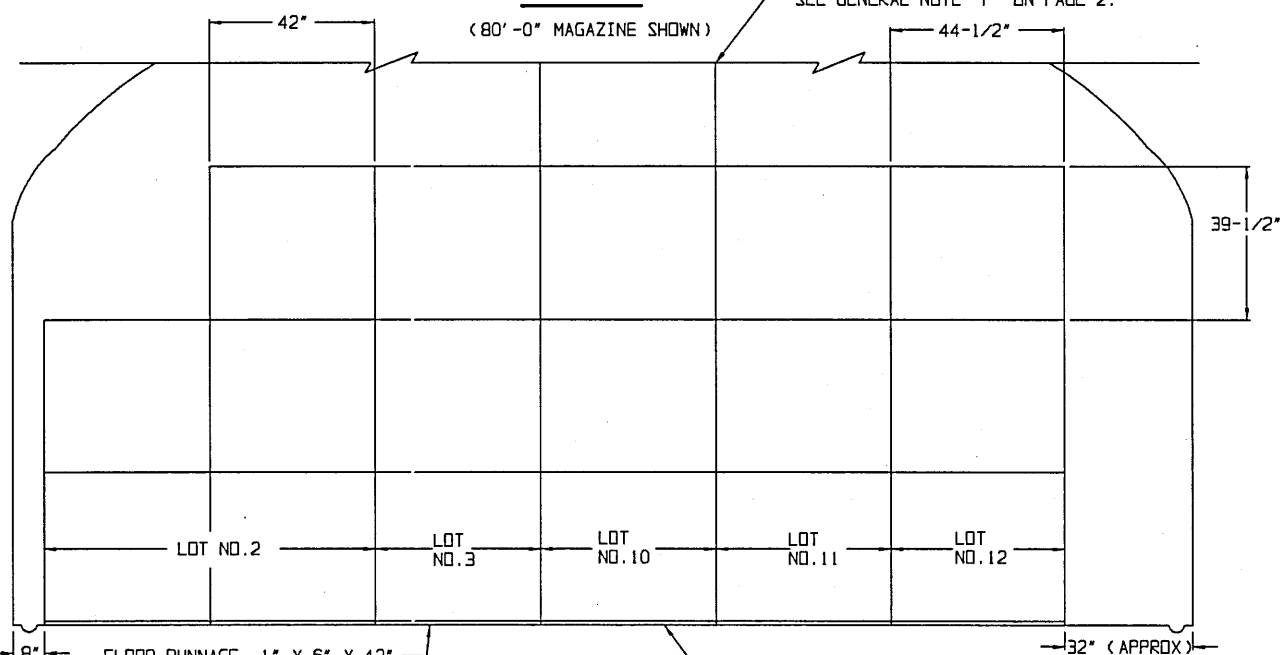
5. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
6. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
7. A 12'-6" MHE OPERATING AREA IS SHOWN. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORK-LIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON EACH SIDE OF THE MAGAZINE) IS TO BE AT LEAST 48" WIDE. A SLIGHTLY WIDER AISLE WILL ENHANCE FORK LIFT TRUCK MOVEMENT WITHIN THE MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS OF STORAGE RESULTS.

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**PLAN VIEW**

ARROWS INDICATE DIRECTION OF STORAGE FROM THE WALLS TO THE MHE AISLE.



**SECTION V-V**

FLOOR DUNNAGE, 1" X 6" X 42" (3 REQD PER PALLET STACK). SEE "FLOOR DUNNAGE LOCATION A" DETAIL ON PAGE 3.

FLOOR DUNNAGE, 1" X 6" X 44-1/2". (3 REQD PER PALLET STACK). SEE "FLOOR DUNNAGE LOCATION B" DETAIL ON PAGE 3.

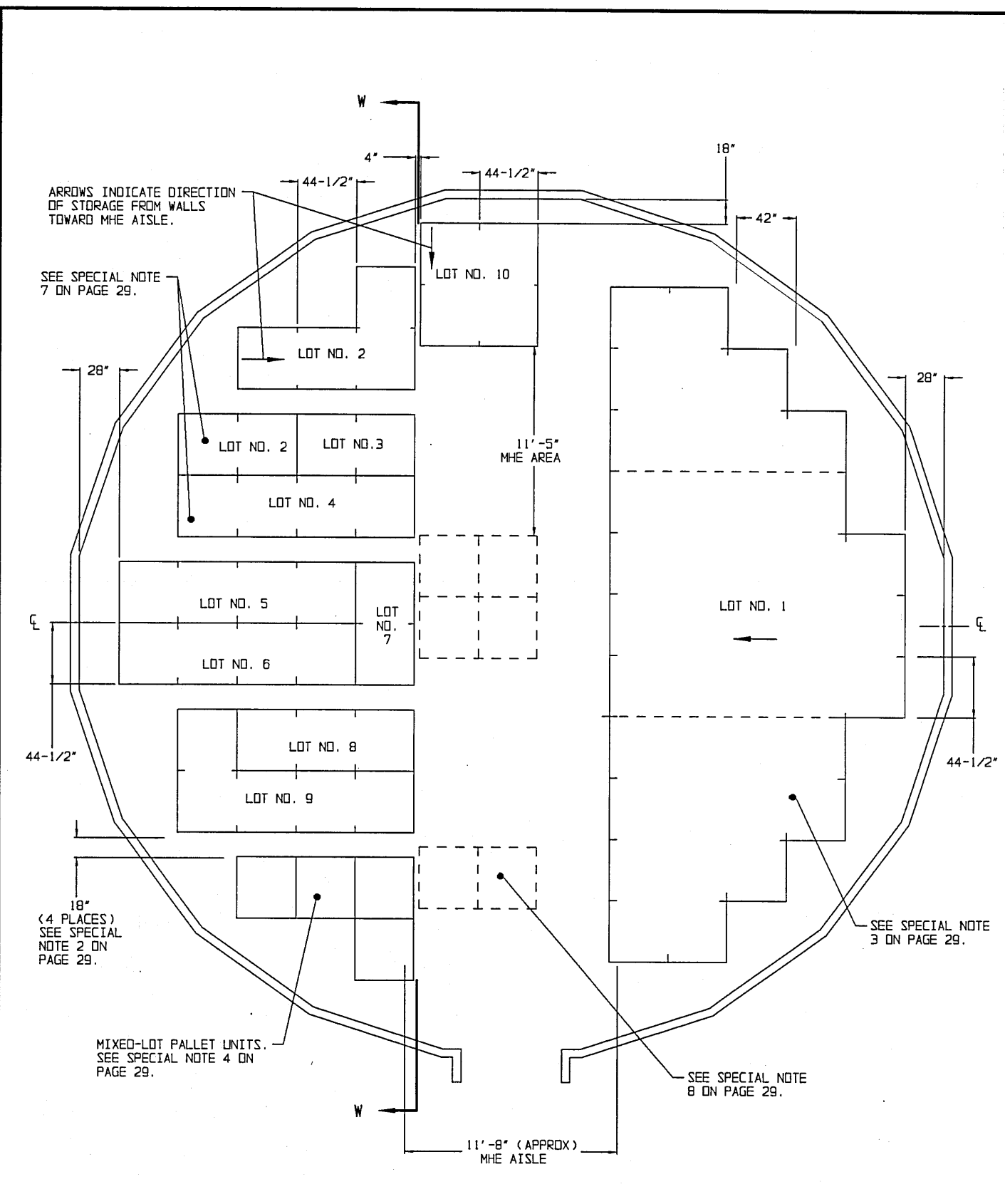
**SPECIAL NOTES:**

1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO STORAGE OF NUMEROUS SMALL LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "BURIED" LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT, HOWEVER, ALL LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. A SINGLE-LOT OR MIXED-LOT PALLET UNITS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT. A "LIFT" MAY CONSIST OF ONE (1) OR MORE PALLET UNITS PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDE-WALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
8. AREAS ENCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL ITEMS MAY BE STORED, THAT ARE FROM THE LOT OR LOTS WHICH ARE DIRECTLY OR ALMOST DIRECTLY ACROSS THE CENTER AISLE ON THE OTHER SIDE OF THE MAGAZINE. COMPLIANCE WITH ALL OF THE MULTIPLE LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE SIZE OF THE LOTS BEING STORED AND THE CRITERIA OF SPECIAL NOTE 5, RELATIVE TO "12 LIFTS", WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF UNITS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADDITIONAL STORAGE LOCATIONS. AN 11'-10" MHE OPERATING AREA HAS BEEN SPECIFIED FOR ACCESS TO EACH "ADDITIONAL STORAGE LOCATION" BY FORKLIFT TRUCK. THIS OPERATING AREA IS BASED ON REQUIREMENTS OF FORKLIFT TRUCKS COMMONLY USED IN STORAGE MAGAZINES. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCK AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON ONE SIDE OF A MAGAZINE AND AN "ADDITIONAL STORAGE LOCATION") IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.

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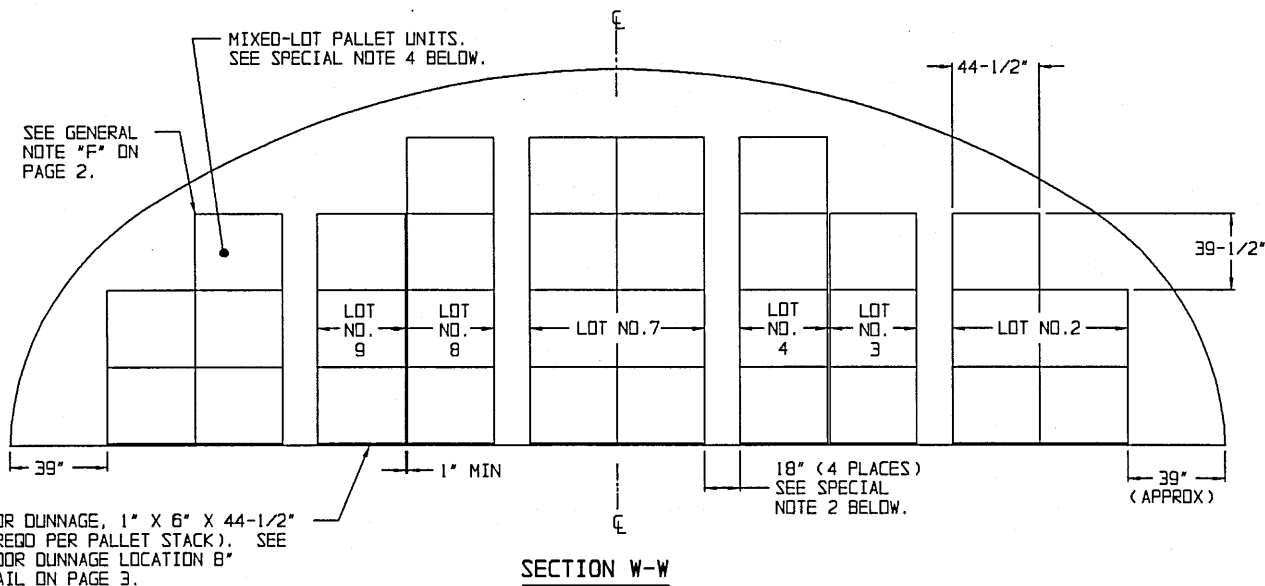
(SPECIAL NOTES CONTINUED)

**TYPICAL MULTIPLE-LOT STORAGE IN STRADLEY MAGAZINE**



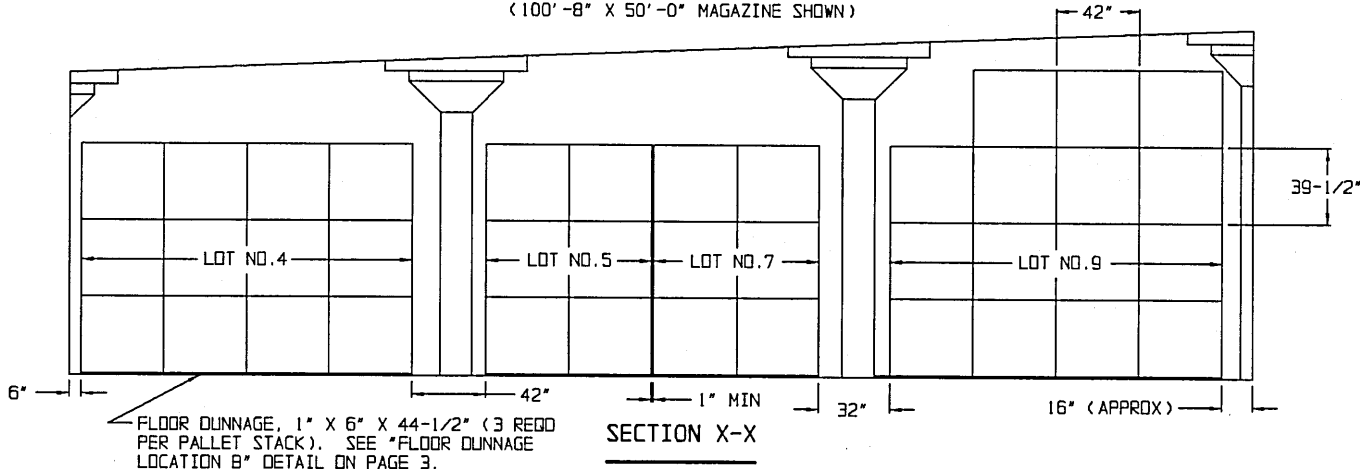
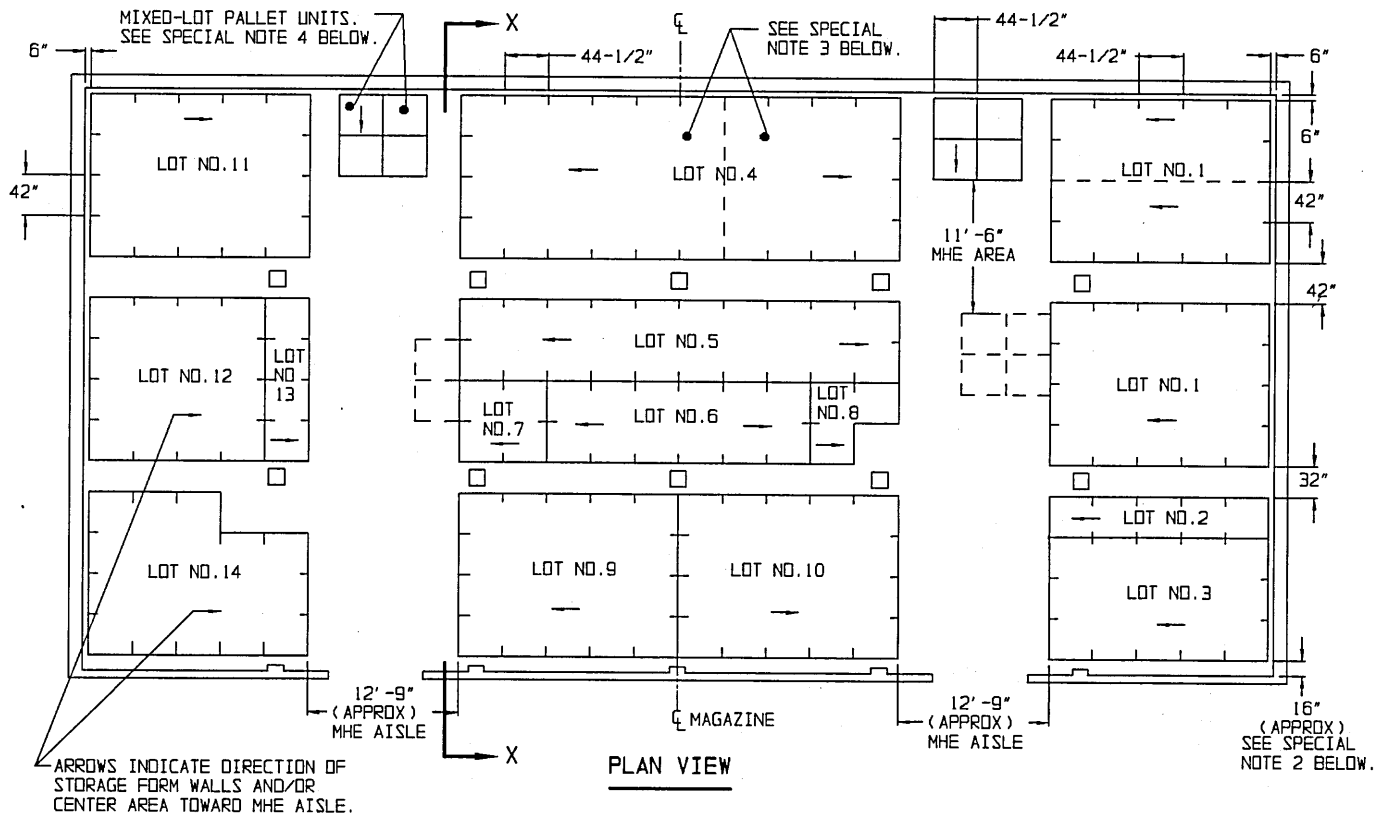
**PLAN VIEW**  
(52'-0" DIA MAGAZINE)

**TYPICAL MULTIPLE-LOT STORAGE IN 52'-0" DIA CORBETTA MAGAZINE**



**SPECIAL NOTES:**

1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS AND ON PAGE 28 ARE TYPICAL ONLY. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "BURIED" LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED ON ONE SIDE OF THE MAGAZINE. HOWEVER, BOTH SIDES MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN ON THE LEFT SIDE. AN MHE AISLE WILL BE REQUIRED IN THE CENTER OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT, HOWEVER, ALL LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. PALLET UNITS OF A SINGLE-LOT OR MIXED-LOT PALLET UNITS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THE SINGLE-LOT OR MIXED-LOT UNITS. A "LIFT" MAY CONSIST OF ONE (1) OR TWO (2) PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE WALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
8. AREAS INCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS OR ADDITIONAL ITEMS MAY BE STORED, THAT ARE FROM THE LOT OR LOTS ADJACENT TO THE MHE AISLE. COMPLIANCE WITH ALL OF THE MULTIPLE LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE SIZE OF THE LOTS BEING STORED AND THE CRITERIA OF SPECIAL NOTE 5, RELATIVE TO "12 LIFTS", WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF UNITS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADDITIONAL STORAGE LOCATIONS. AN 11'-5" MHE OPERATING AREA HAS BEEN SPECIFIED FOR ACCESS TO EACH "ADDITIONAL STORAGE LOCATION" BY FORKLIFT TRUCK. THIS OPERATING AREA IS BASED ON REQUIREMENTS OF FORKLIFT TRUCKS COMMONLY USED IN STORAGE MAGAZINES. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON ONE SIDE OF A MAGAZINE AND AN "ADDITIONAL STORAGE LOCATION") IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.



SPECIAL NOTES:

1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "BURIED" LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SIDE OF THE MAGAZINE. HOWEVER, THESE AREAS MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING ROWS SIMILAR TO THOSE SHOWN IN THE SMALLER SIZED LOTS OR AS TYPICALLY SHOWN BY DOTTED LINES. EACH ADDITIONAL LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT, HOWEVER, LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. PALLET UNITS OF A SINGLE-LOT ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWENTY-FOUR (24) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT

(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

6. A "LIFT" MAY CONSIST OF ONE (1) OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
7. AREAS ENCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL ITEMS MAY BE STORED, THAT ARE FROM THE LOT OR LOTS ADJACENT TO THE MHE AISLE. COMPLIANCE WITH ALL OF THE MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE SIZE OF THE LOTS BEING STORED AND THE CRITERIA OF SPECIAL NOTE 5, RELATIVE TO "24 LIFTS", WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF UNITS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADDITIONAL STORAGE LOCATIONS. A 11'-6" MHE OPERATING AREA HAS BEEN SPECIFIED FOR ACCESS TO EACH "ADDITIONAL STORAGE LOCATION" BY FORKLIFT TRUCK. THIS OPERATING AREA IS BASED ON REQUIREMENTS OF FORKLIFT TRUCKS COMMONLY USED IN STORAGE MAGAZINES. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. AN MHE AISLE (SPACE BETWEEN STORED PALLET UNITS) IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.

TYPICAL MULTIPLE-LOT STORAGE IN RECTANGULAR MAGAZINE