STORAGE IN APPROVED MAGAZINES OF 3"/50 CARTRIDGE PACKED IN TANK, MK5 MOD 2, FLEET ISSUE UNIT LOAD

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GENERAL NOTES

- AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- THE STORAGE PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO COMPLETE ROUNDS CARTRIDGE, 3"/50 IN TANK, MK5 MOD 2, UNITIZED ON A 40" X 48" METAL PALLET.
- FOR DETAIL OF THE PALLET UNIT, SEE NAVAL WEAPONS REQUIREMENT PALLET-IZING FLEET ISSUE LOAD DRAWING WR-54/1, DATED 3 MARCH, 1965, AND THE PALLET UNIT DETAIL ON PAGE 3.

PALLET UNIT

-- 40" LONG BY 48-7/16" WIDE BY 42-1/2" HIGH. -- 1,826 POUNDS (APPROX). DIMENSIONS GROSS WEIGHT --- 47.6 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 COMPLETE ROUND PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. S. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES DEPICTED HEREIN WILL BE FOLLOWED.
- Ε. CAUTION: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGGEBY IS NOT TO BE EXCEEDED. THIS LIMITATION MAY REQUIRE A QUANTITY REDUCTION FROM THE STORAGE AS SHOWN. AUTION: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINF
- STORED PALLET UNITS MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- AISLE DIMENSIONS SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS IN PALLET UNIT DIMENSIONS, W. AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT.
- н. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- IF AVAILABLE MHE PERMITS, ADDITIONAL PALLETIZED UNITS MAY BE STORED WITHIN THE MHE AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE. 1.
- 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
- 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, UNIESS TWO UPPER PALLET UNITS ARE HANDLED AS ONE LIFT OR THE PACKAGE GUARD IS REMOVED (TINE CARRIAGE WILL IN MOST INSTANCES PROVIDE A DEQUATE PACKAGE GUARD PROTECTION), ONLY A FORKLIFT TRUCK OF ADEQUATE CAPACITY WILL BE USED WHEN LIFTING TWO PALLET UNITS AS ONE LIFT.
- STACK-STABILIZING DUNNAGE IN THE FORM OF "SHIMS" MAY 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.
- 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 OXIDATION ETC. 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, IF REQUIRED, TO ACHEVE THE DESIRED OR RECTIVE. TO ACHIEVE THE DESIRED OBJECTIVE.
- DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY
- 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.

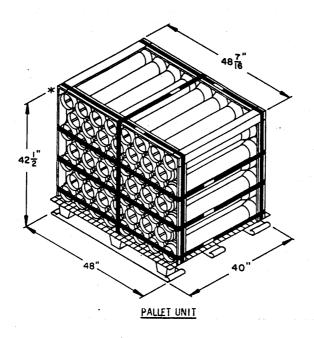
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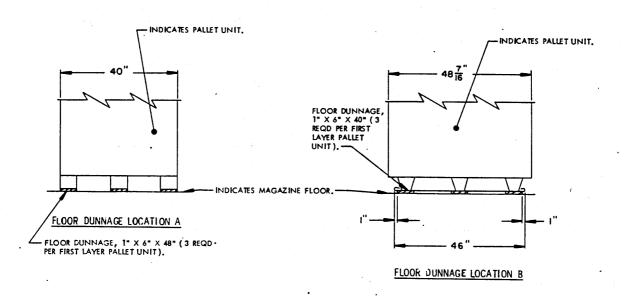
MATERIAL SPECIFICATIONS

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

(GENERAL NOTES CONTINUED)

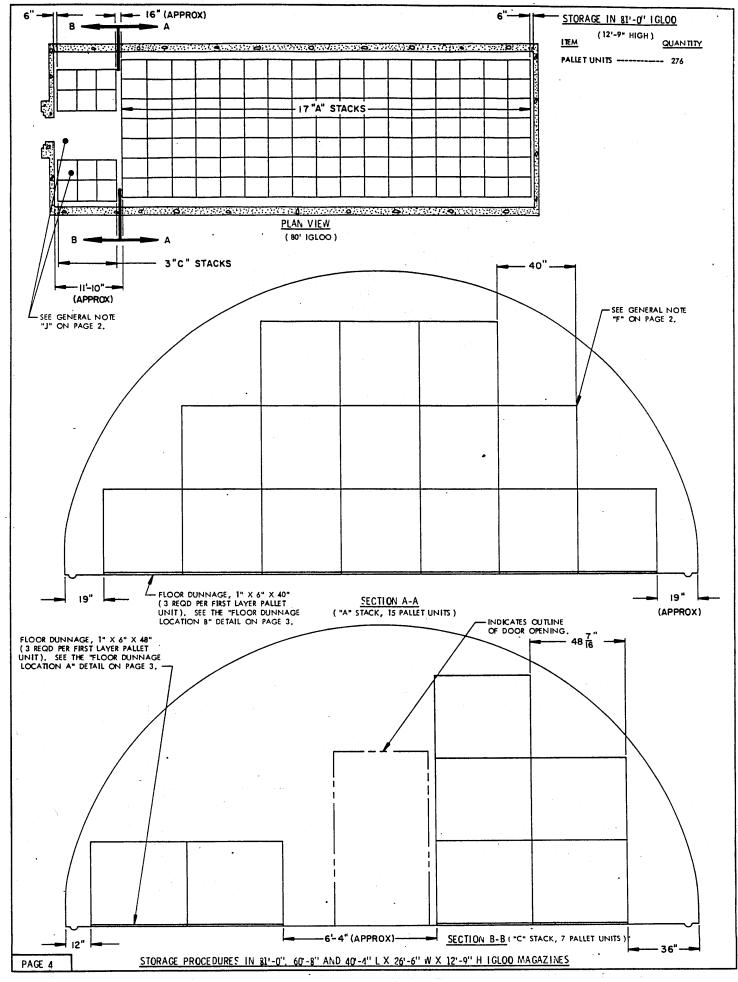
- THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 Q. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PREPLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH REQUIRE-MENTS SET FORTH IN THE APPLICABLE "SPECIAL NOTES" SECTIONS OF THE MULTIPLE-LOT STORAGE PROCEDURES TYPICALLY SHOWN ON PAGES 24 THRU 30.
 - ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING MULTIPLE LOTS WITHIN ONE STRUCTURE, THE BASIC STORAGE PATTERNS AS SHOWN ON PAGES 4 THRU 23 CAN ALSO BE ADAPTED FOR THE STORING OF MORE THAN ONE LOT. HOWEVER, THE USE OF A STAGGERED-LAYER STORAGE PATTERN AS SHOWN ON PAGES 14 AND 15 IS PROHIBITED. MULTIPLE LOTS OF PALLET UNITS, WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTEN, 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 RUINS 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.
 - OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
 - ANY "LIGHT" PALLETIZED UNIT THAT DOES NOT CONTAIN A FULL QUANTITY OF ROUNDS WILL NOT BE BURNED IN STORAGE. IT MUST BE POSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
 - U. PALLET UNITS PRESENTLY STORED IN ACCORDANCE WITH A PRIOR APPROVED DRAW-ING NEED NOT BE RE-STORED SOLELY TO CONFORM TO THE PROCEDURES SPECIFIED IN THIS DOCUMENT.
 - V. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
 - WHEN LOCAL STORAGE CONDITIONS ARE SUCH THAT AN AMMUNITION STORAGE MAGAZINE NET EXPLOSIVE WEIGHT LIMIT WILL BE REACHED BEFORE ALL AVAILABLE STORAGE SPACE WILL BE UTILIZED, A COMBINATION OF THE VARIOUS STOZAGE PATTERNS DELINEATED HEREIN MAY BE USED IN LIEU OF BLOCK STORAGE PATTERN TO FACILITATE INVENTORY, INSPECTION, THE USE OF MATERIALS HANDLING EQUIPMENT, SURVEILLANCE, ETC., OF THE AMMUNITION TO BE STORED WITHIN THE
 - 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, EMPTY CONTAINERS WHICH ARE APPROPRIATELY IDENTIFIED, MUST BE INSTALLED IN THE PLACE OF THE REMOVED CONTAINERS. THE UNIT MUST THEN BE RE-BANDED WITH THE SAME SIZE AND QUANTITY OF STRAPS AS THE ORIGINAL UNIT.

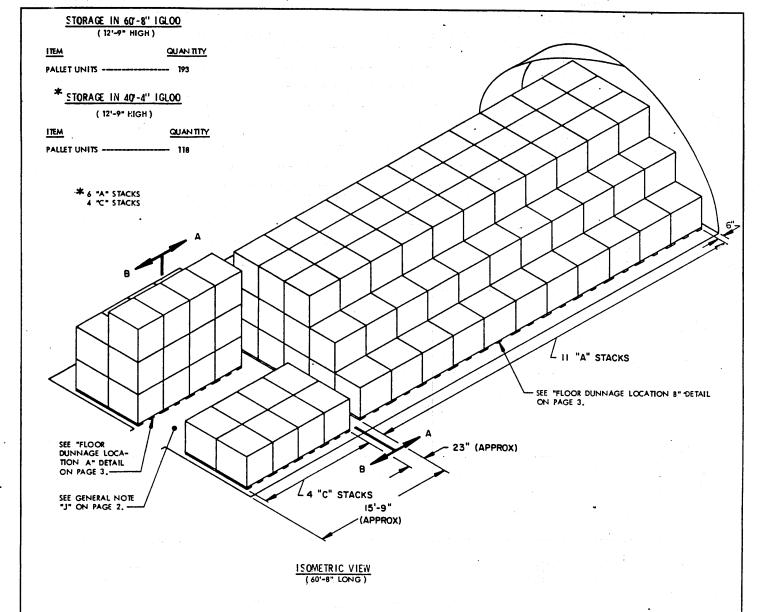




ISOMETRIC VIEWS WITHIN THIS DRAWING DO NOT DEPICT ALL FLOOR DUNNAGE THAT IS REQUIRED WHEN FLOOR DUNNAGE IS USED. FLOOR DUNNAGE IS SHOWN AT SOME LOCATIONS TO PROVIDE POSITIONING GUIDANCE.

DETAILS

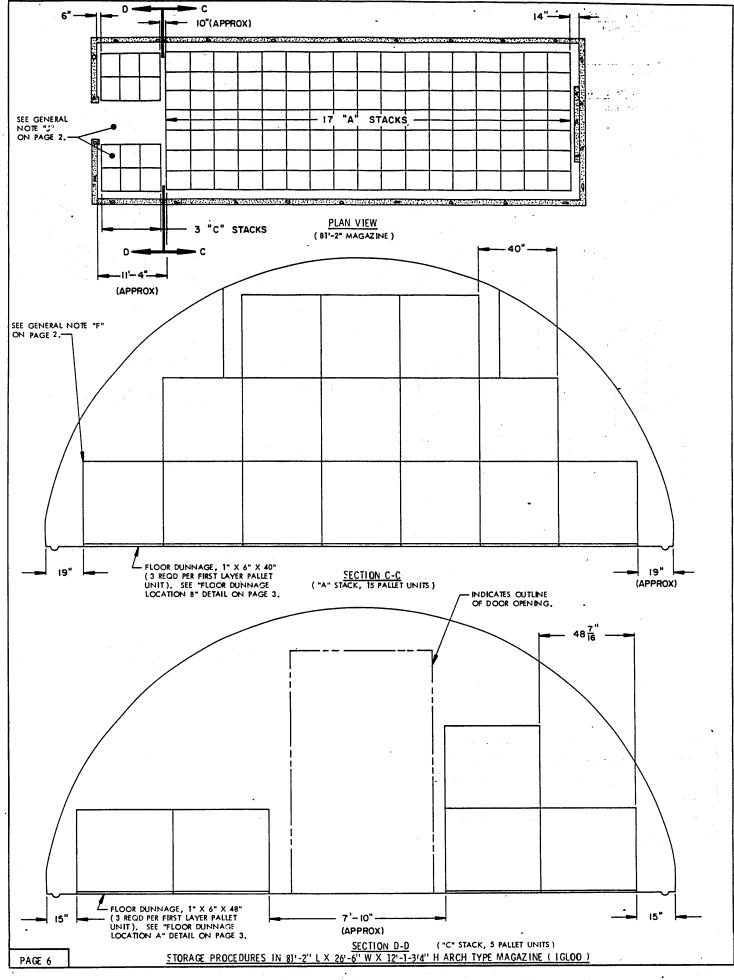


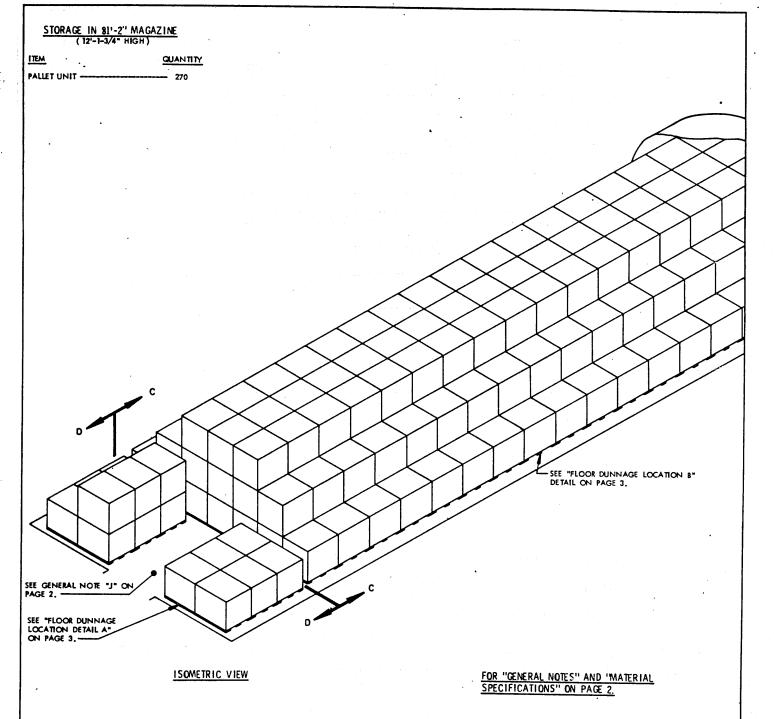


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF M	ATERIAL (PER FIRST	LAYER PALLET UNIT) *
STACK TYPE	1" X 6" DUNNAGE LUMBER	
	LINEAR FEE'	BOARD FEET
"A" STACK	10	5
"C" STACK	12	. 6

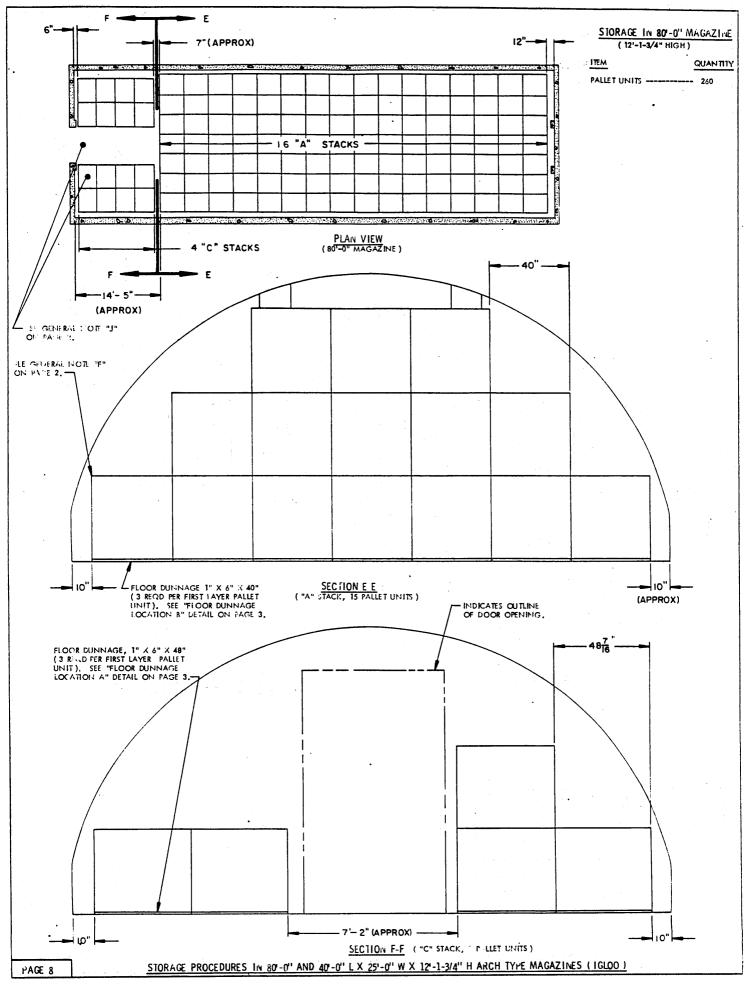
^{*} RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

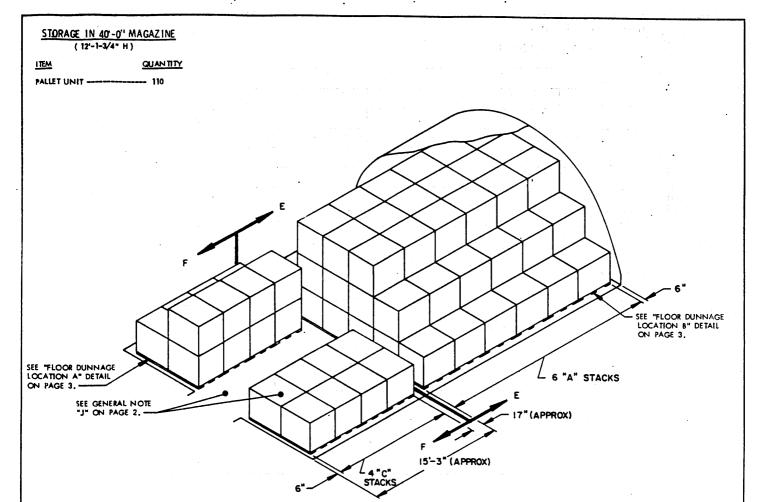




BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)★			
671.6W D	1" X 6" DUNNAGE LUMBER		
STACK TYPE	LINEAR FEET	BOARD FEET	
A	10	5	
С	12	6	

* RANDOM LENGTH PIECES MAY BE USED IF DESIRED





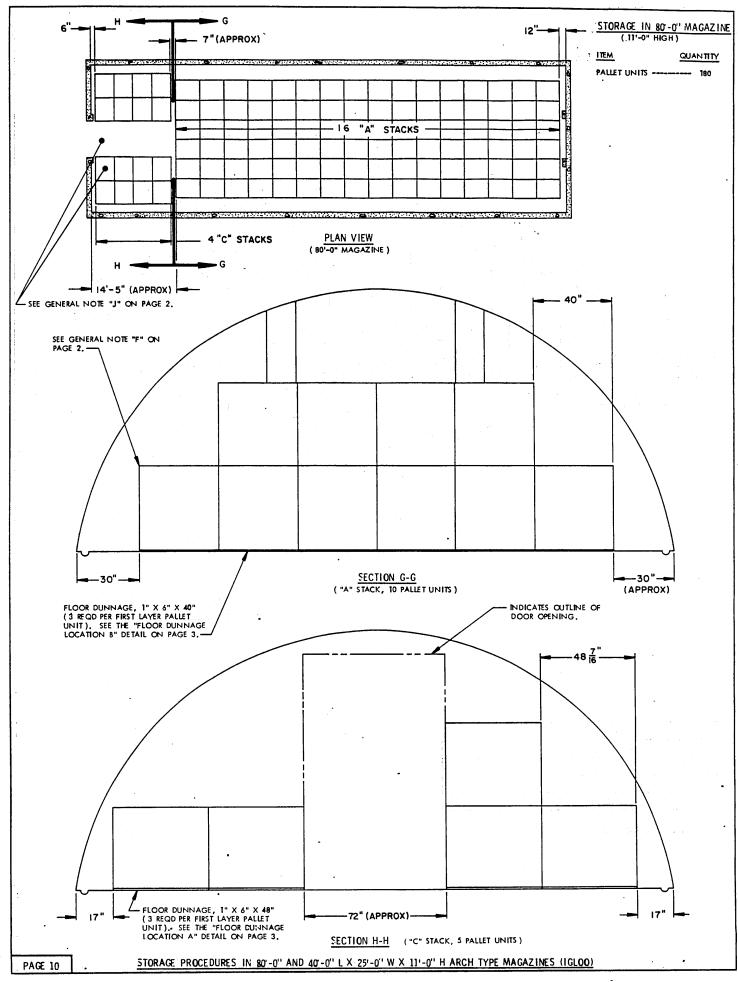
(40'-0" MAGAZINE)

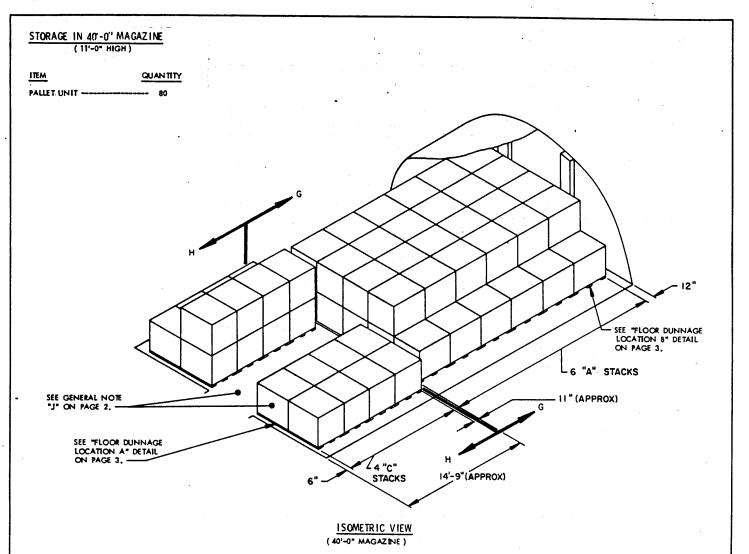
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS" SEE PAGE 2

BILL OF MAT	ERIAL (FIRST LAYER I	PALLET UNIT) *
	1" X 6" DUNNAGE LUMBER	
STACK TYPE	LINEAR FEET	BOARD FEET
Α	10	5
С	12	6

*RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

STORAGE PROCEDURES IN 80'-0" AND 40'-0" L X 25'-0" W X 12'-1-3/4" H ARCH TYPE MAGAZINES (IGLOO)

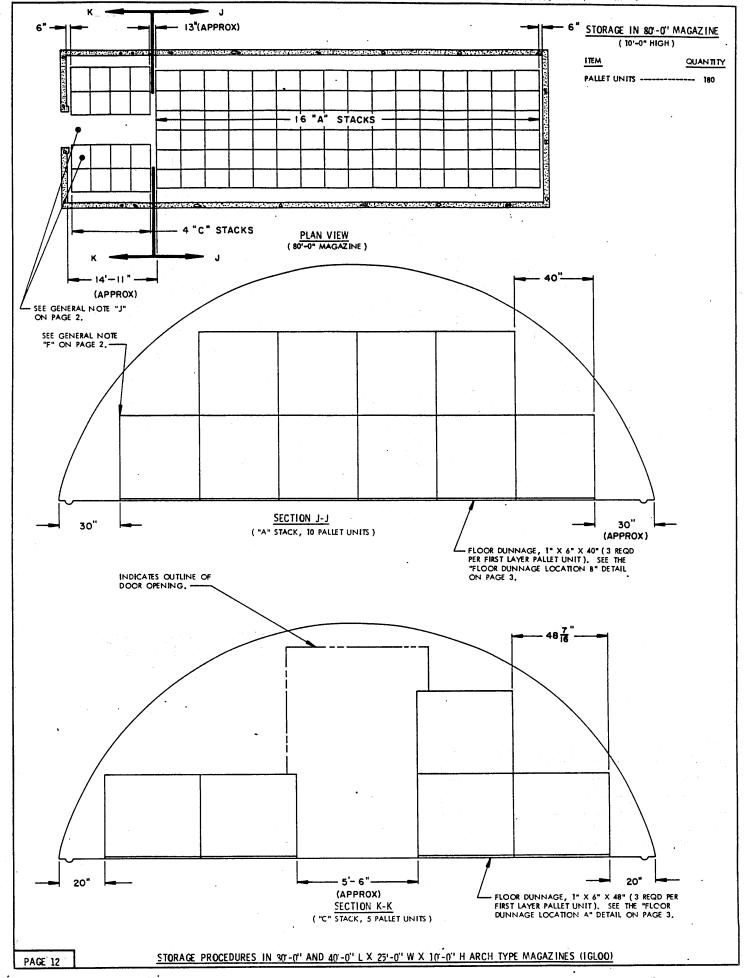


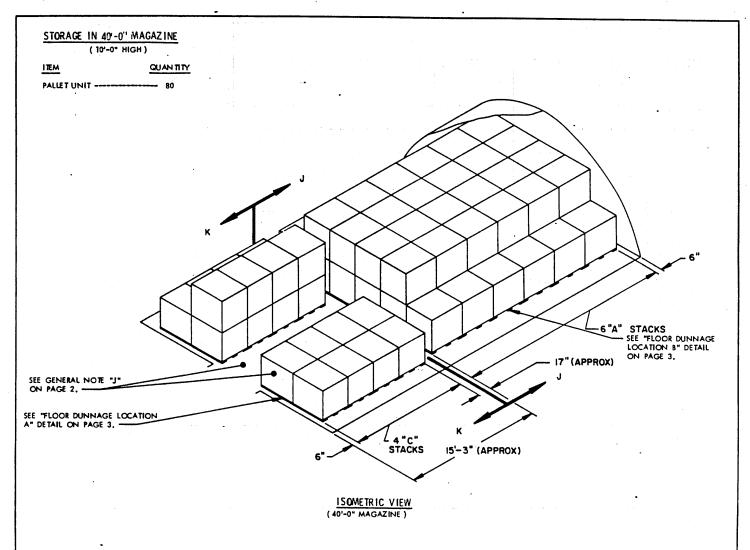


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT) *				
STACK TYPE	1" X 6" DUNNAGE LUMBER			
	LINCAR FEET	BOARD FEET		
A	10	5		
с	12	6		

^{*}RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

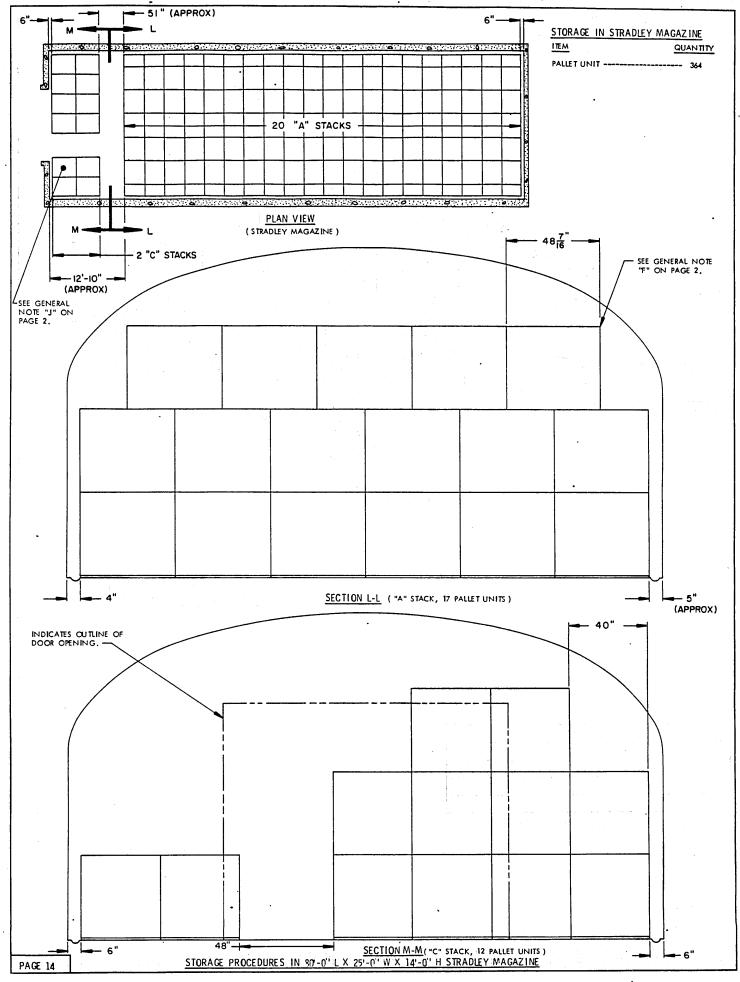


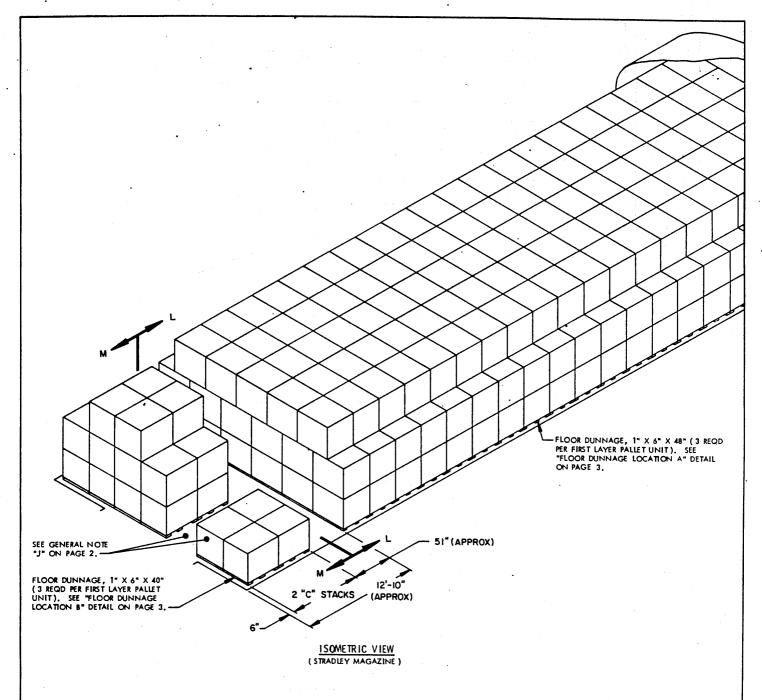


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)*				
STACK TYPE	1" X 6" DUNNA	1"- X 6" DUNNAGE LUMBER		
31ACK TYPE	LINEAR FEET	BOARD FEET		
A	10	5		
с	12	6		

*RANDOM LENGTH PIECES MAY BE USED IF DESIRED.



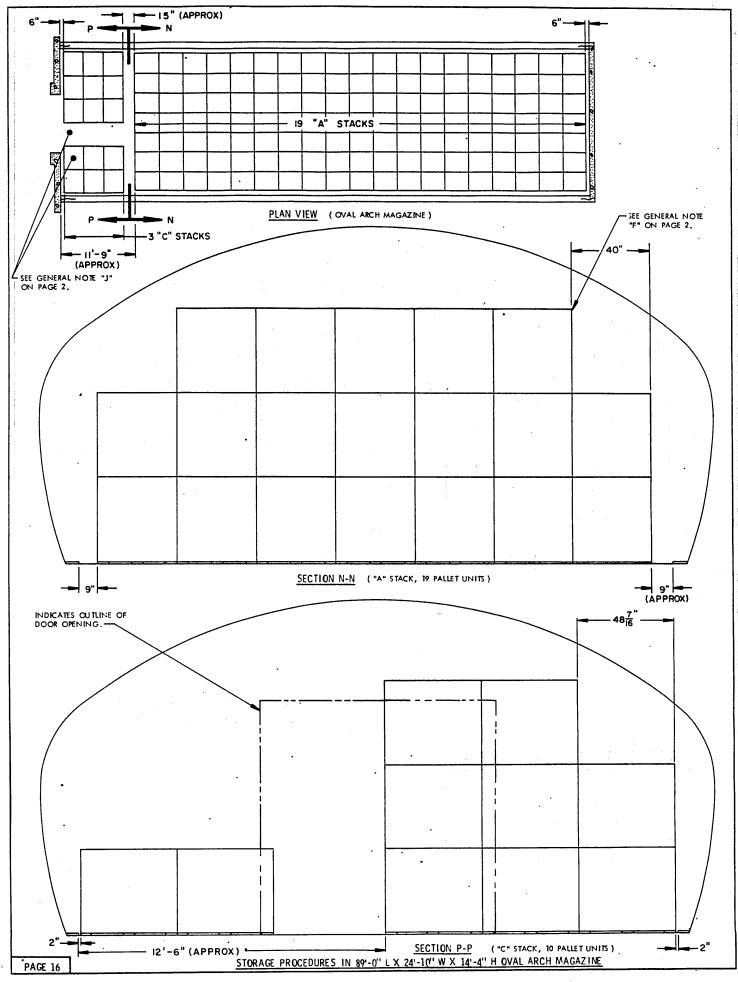


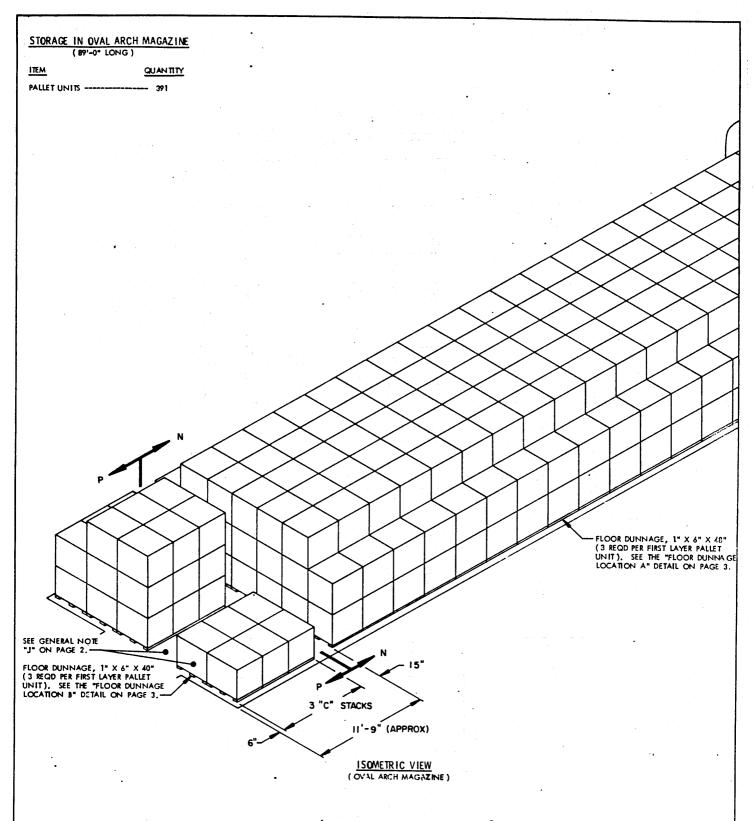
FOR "CENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)*			
	1" X 6" DUNNAGE LUMBER		
TYPE STACK	LINEAR FEET	BOARD FEET	
A	12	6.	
с	10	5	

* RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

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

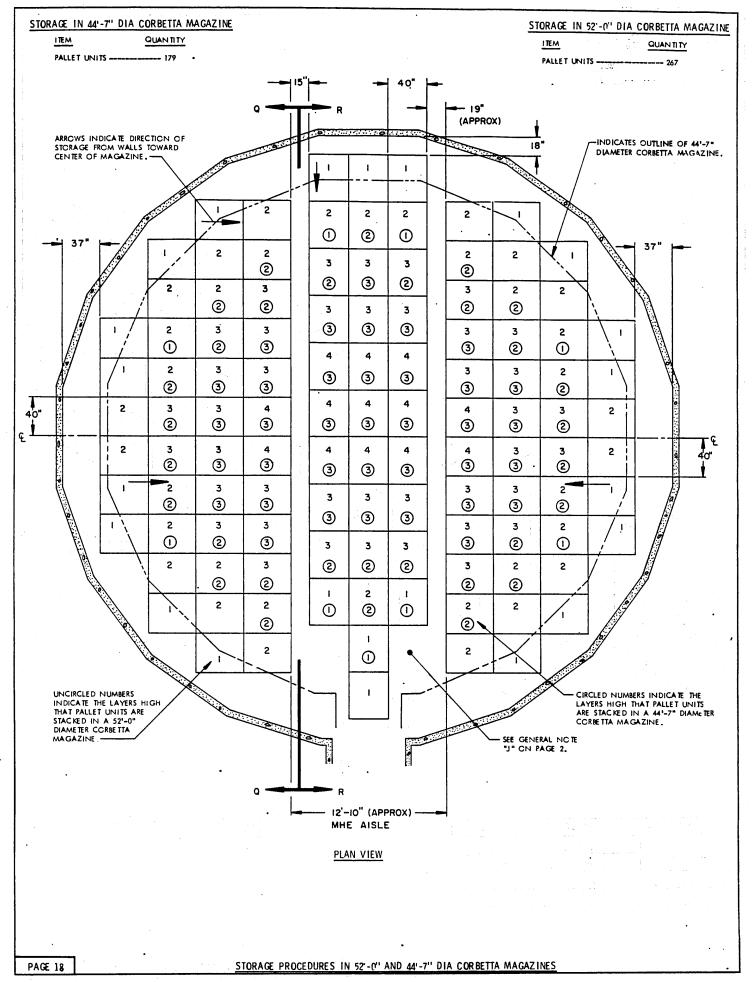


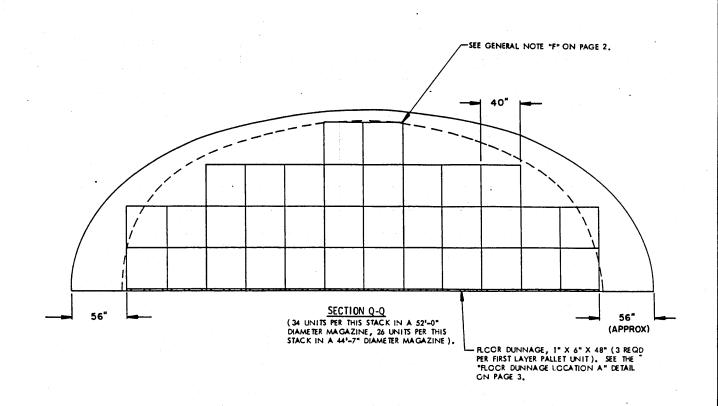


BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)			
	. 1" X 6" DUNNAGE LUMBER		
STACK TYPE	LINEAR FEET	BOARD FEET	
A	12	6	
с	10	5	

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

STORAGE PROCEDURES IN 89'-0" L X 24'-10" W X 14'-4" H OVAL ARCH MAGAZINE

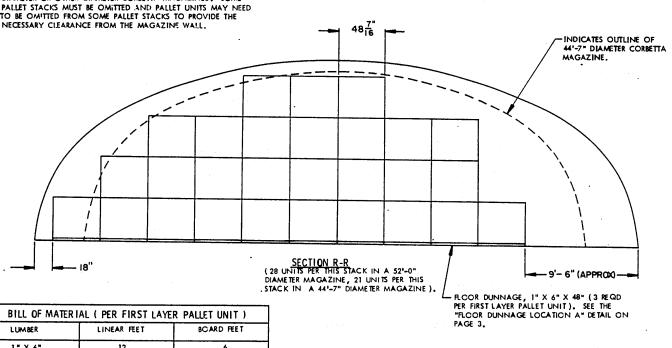




SPECIAL NOTE:

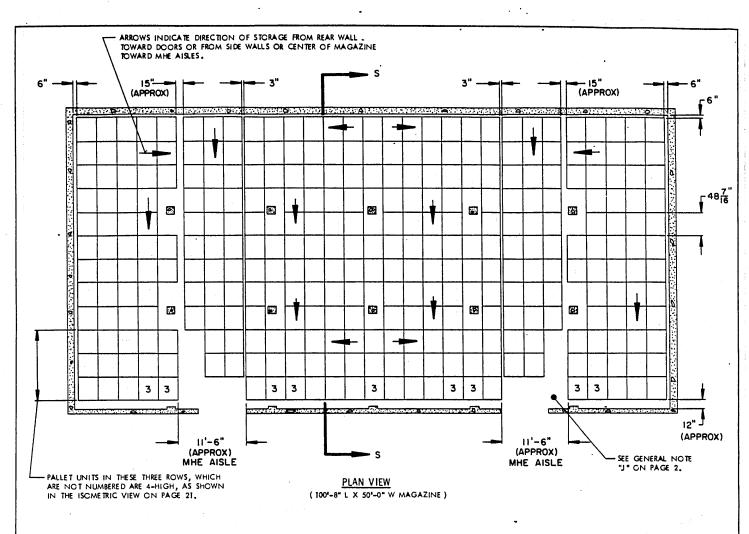
THE PRINCIPLES OF STORAGE IN A 52'-0" DIAMETER CORBETTA MAGAZINE CAN ALSO BE APPLIED FOR STORAGE IN 44'-7" DIAMETER OR OTHER DIAMETER CORBETTA MAGAZINES, SOME PALLET STACKS MUST BE OMITTED AND PALLET UNITS MAY NEED TO BE OMITTED FROM SOME PALLET STACKS TO PROVIDE THE MICHAELST CLEARANCE PROVIDE MICHAELST CLEARANCE PROVID

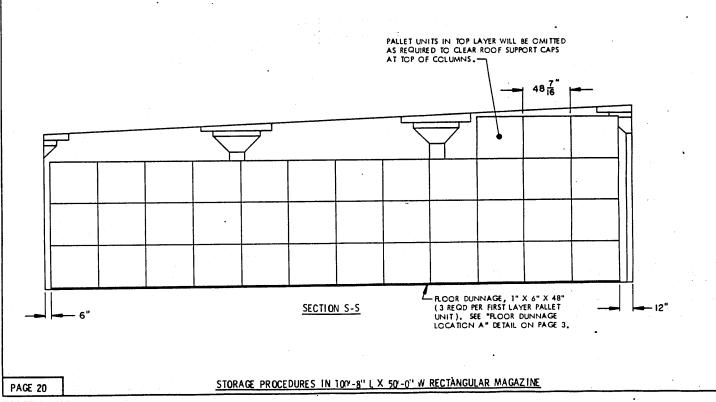
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



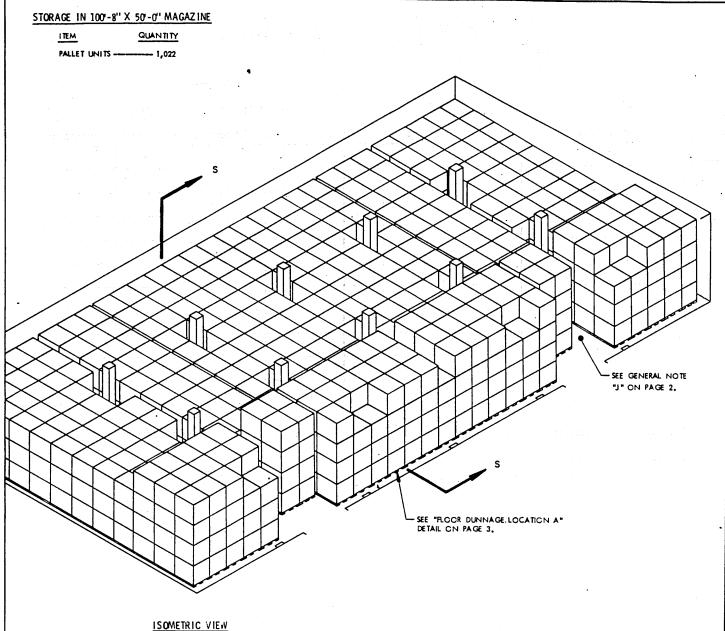
LUMBER	LINEAR FEET	BOARD FEET
1" X 6"	12	6

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







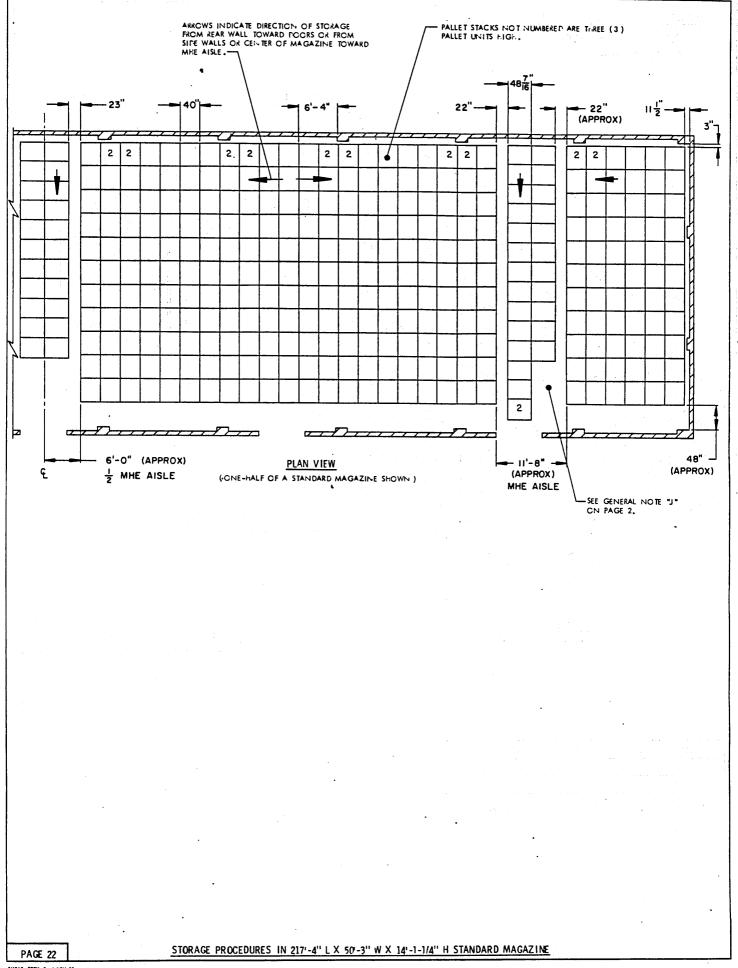


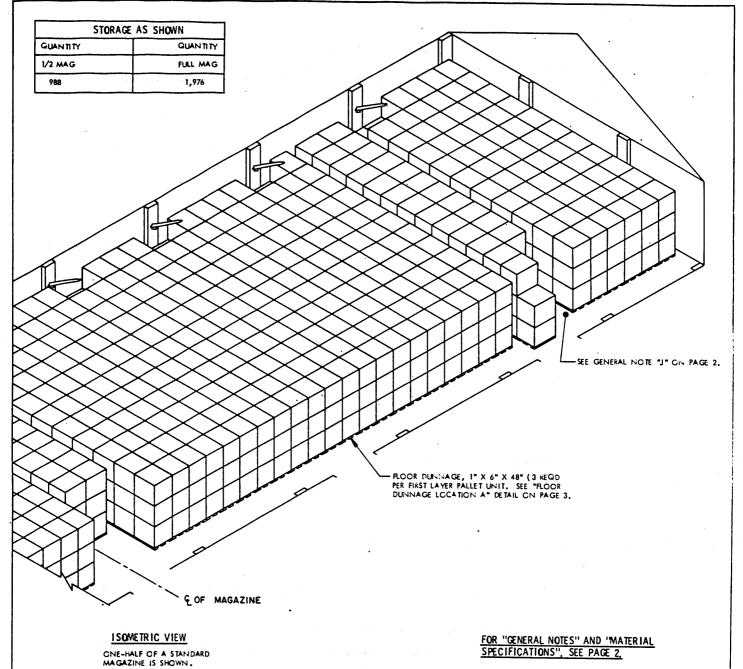
BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT)*			
LUMBER	LINEAR FEET	BOARD FEET	
1" X 6"	12	. 6	

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

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

f x RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

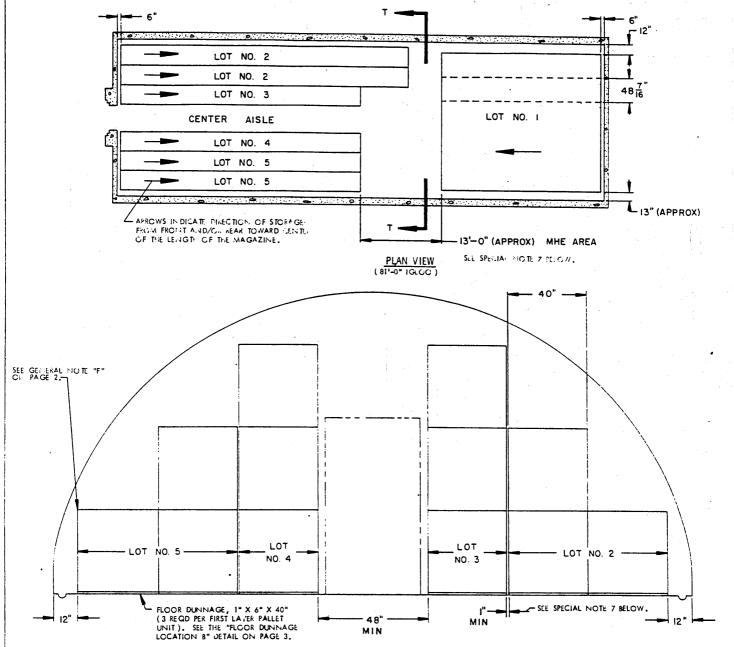




BILL OF MATERI	BILL OF MATERIAL (PER FIRST LAYER PALLET UNIT) *			
LUMBER	LINEAR FEET	BOARD FEET		
1" X 6"	12	6		

^{*} RANDOM LENGTH PIECES MAY BE USED IF DESIRED.

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



SPECIAL N'OTES:

- 1. THE STORAGE PLANS AND COMPRIGURATIONS SHOWN COLUMNS PAGE ARE TYPICAL ONLY AND APPLY TO RELATIVELY LARGE LOTS. "DAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZIYER REQUIRE."
- 2. AN INSPECTION PROVIDED AT ONE SIDE ON 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 GREATED FOR REACTHS GOODS SHOULD BE FRONTAL AREA. AN MEE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND HASPECTROPYD VENTORY ID. ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GEHERAL MOTES ON PAGE 2.
- 4. EACH LOT WITHING THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MILE. 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 "MAT LOT. THE TERM "LIFT" MEANS HANDLING AND MOVING NOT MORE THAN TWO (2) PALLET UNITS AT ONE TIME.

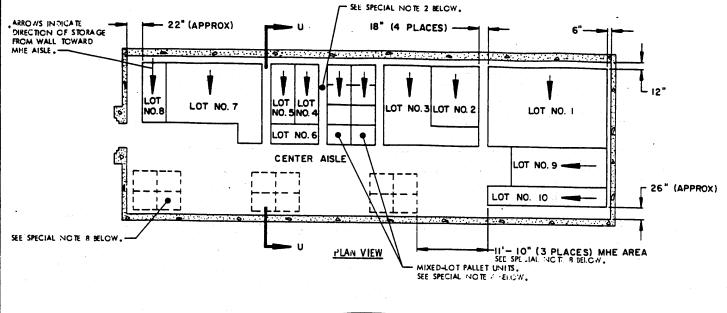
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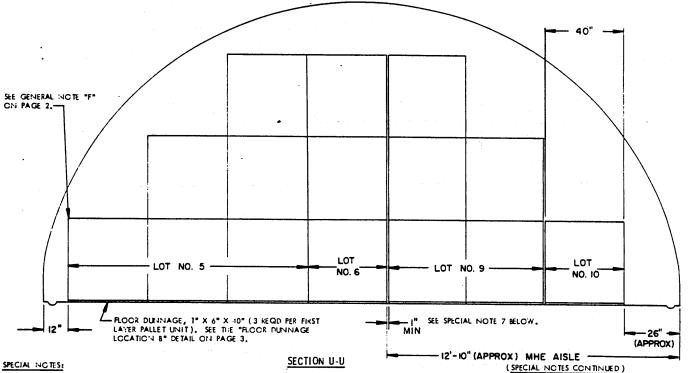
SECTION T-T

(SPECIAL NOTES CONTINUED)

- 5. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVER EAD CLEAKABLE REQUIRED FOR MHE.
- 6. WHEN TWO LOTS ARE STOKED ADJACENT TO EACH OTHER, THEY SIGULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
- A 131-0" ME OPERATING AREA AS REEN SHOWN. THE MILL OPERATING AREA CAN BE ENLARGED AS REGUIRED TO SUIT AVAILABLE FOR KLIFT TPULKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MILE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON EACH SHE OF MAGAZINE) IS TO BE AT LEAST AS INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN BENCHES WILL ENHANCE FOR MIFT TRUCK MOVEMENT WITHIN A MAGAZINE HOWEVER, THIS AISLE SHOULD NOT PUMADE WIDER IF A LOSS OF STOLAGE RESULTS.

TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES





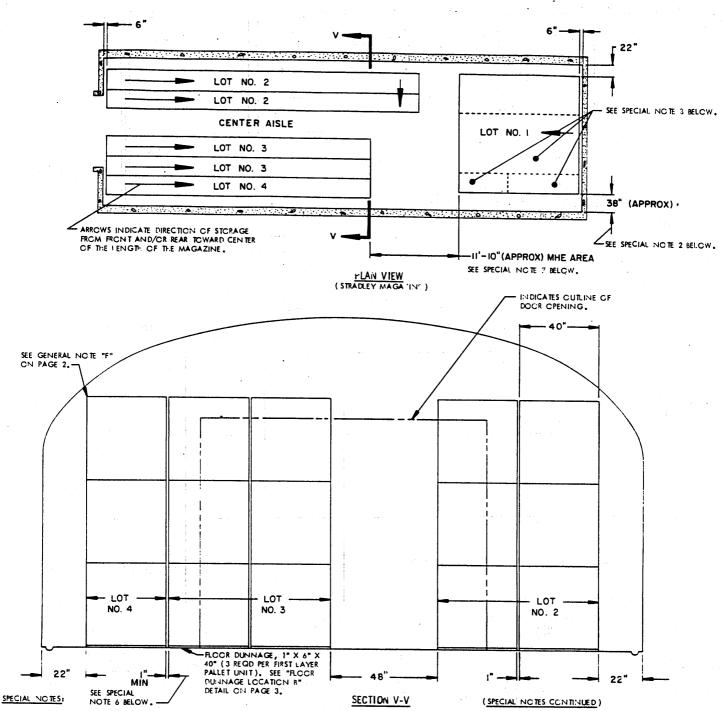
SPECIAL NOTES:

- 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 STOKED IN MAGAZINE REQUIRE.
- AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
- 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 MILE ASSLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDENCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL MOTES ON PAGE 2.
- A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CARTIDGES WITHIN THAT UNIT. HOWEVER, LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- EACH LOT WIT IN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT OF MIRE. 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 ACLESS TO THE SINGLE-LOT OR MIXED-LOT UNITS, PROVIDING T. E CAPACITY OF MIRE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.

- FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MILE.
- WHEN TWO LOTS ARE STORED ADJACENT TO EAC. OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER
- 8. AREAS INCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL ITEMS MAY BE STORED, THAT ARE ROM 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 NOTES, RELATIVE TO "12 LIFTS", WILL DE MAJOR FACTORS IMPACTING ON THE NUMBER OF UNIT LOADS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADTITIONAL STORAGE LOCATIONS. AN 11"-10" MILE OFERATING AREA AS BEEN SPECIFIET FOR ACCESS TO EAC. "ADDITIONAL LOCATION" BY FORKLIFT TRUCK, THIS OPPERTING AREA IS "ASSED ON REQUIREMENTS OF FORKLIFT TRUCKS. COMMON! Y USED IN STORAGE MAGAZINES. THE MILE CIPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SOLUD BE MADE SMALLER IF AVAILABLE ME PERMITS. A "CENTER AISLE" (SPACE JETWEN STORAGE ON ONE SIDE OF A MAGAZINE AND AN "ADDITIONAL STORAGE COATION") IS TO BE AT LEAST 48 INCHES WIDE. AN AISLE SLIG TLY WIDER I AN AISLE SLIG THE SLIG THE SLIG THE WIDER IF A ANCES FOR THE SAISLE SLIG THE WIDER IF A AISLE SLIG TH LUSS IN STORAGE RESULTS.

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TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES

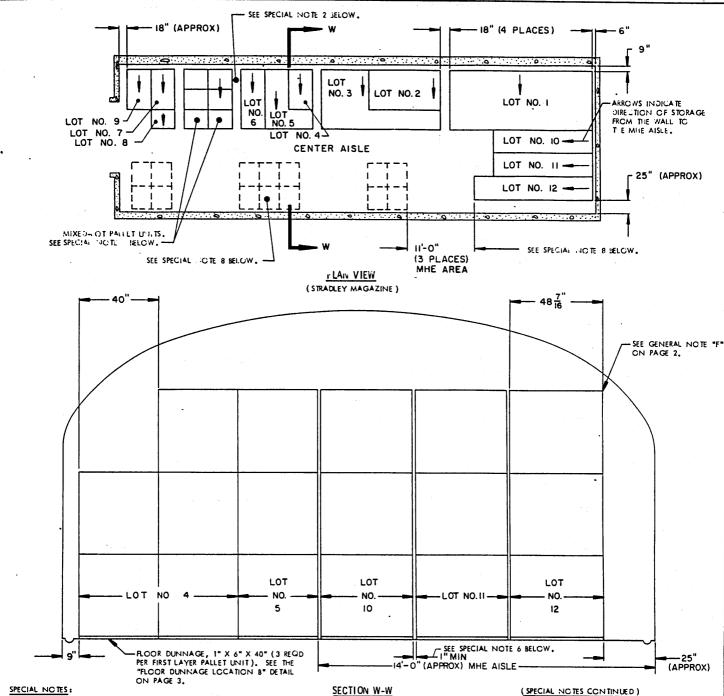


- . THE STORAGE PLAT'S AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY, AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
- 2. AN INSPECTIC::/INVENTORY AISLE MUST BE PROVIDED AT ONE SIDE OR END OF EAC! LOT.
- 3. GENERALLY, 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 BY 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 OT BY CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
- 4. FOR STORAGE OF MULTIPLE LCTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.

(CONTINUED AT RIG T)

- 5. EACH LCT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MILE. A SINGLE-LCT OF PALLET UNITS IS CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" OF ANOTI ER LCT OR LCTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LCT. I E TERM "LIFT" MEANS HANDLING AND MOVING NOT MORE THAN TWO (2) PALLET UNITS AT CHE TIME.
- 6. WI'EN TWO LC TS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LCT.
- 7. AN 11'-10" MILE OPERATING AREA HAS BEEN S. CWN. THE MILE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUITAVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. A "CENTER AISLE" (SPACE BETWEEN STORAGE ON EACH. SIDE OF MAGAZINE) IS TO BE AT LEAST 40 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 48 INCHES WILL ENHANCE FORKLIFT TRUCK MOYEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD INCT BE MADE WIDER IF A LOSS OF STORAGE RESULTS.
- WHEN STORING MU TIPLE-LOTS IN THE OVAL ARCH MAGAZINE, FLOCE DUNNAGE MUST BE POSITIONED LENGT. WISE IN THE MAGAZINE AS SHOWN IN THE SECTION VIEWS ON PAGE 16. REFER TO THE APPLICABLE FLOCE DUNNAGE LOCATION DETAIL ON PAGE 3 FOR GUIDANCE.

TYPICAL MULTIPLE-LOT STORAGE IN STRADLEY AND OVAL ARCH TYPE MAGAZINES



SPECIAL NOTES:

SECTION W-W

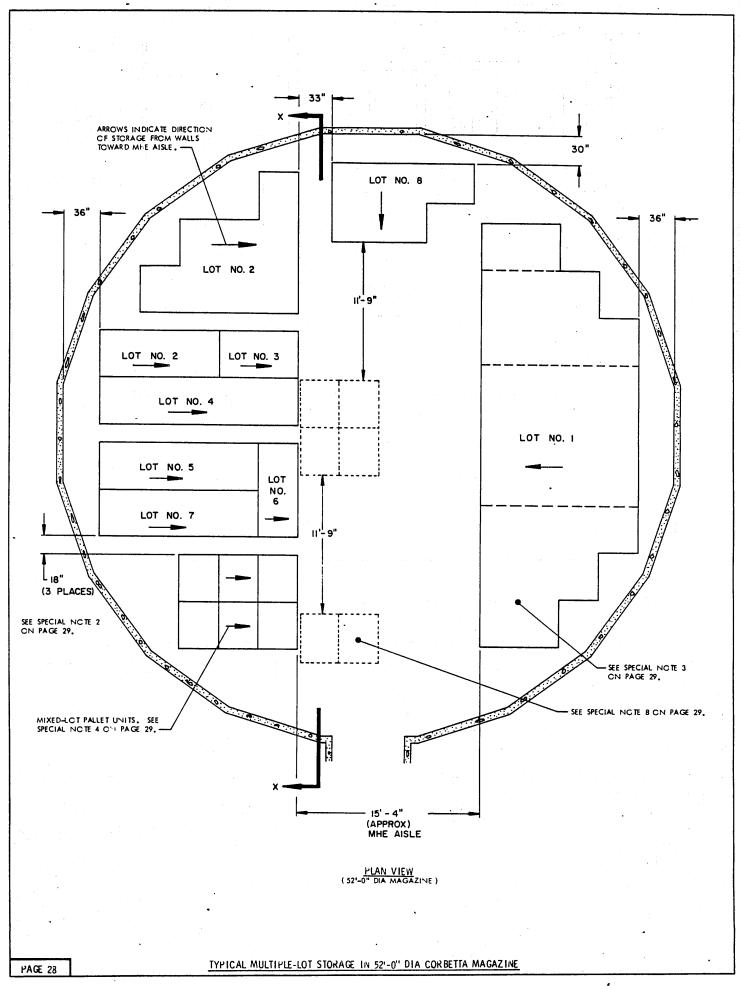
- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL , AND APPLY TO STORAGE OF NUMEROUS SMALL LOTS. BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REGUIRE.
- AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
- GENERALLY, 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.
- A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CARTRIDGES 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.

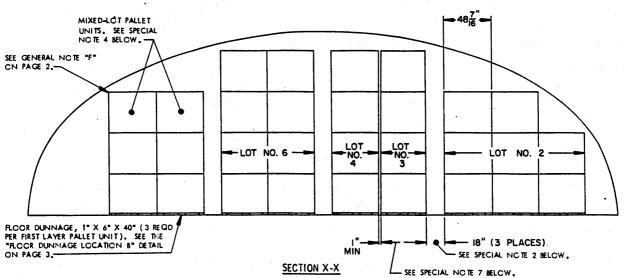
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- A "LIFT" MAY CONSIST OF ONE (1) OR TWO (2) PALLET UNITS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
- WHEN TWO LOTS ARE STORET ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER
- FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MinE .
- AREAS INCLOSED 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 OF ALMOST DIRECTLY ACROSS THE CENTER AISLE ON THE CTHER SIDE OF THE MAGAZINE. COMPLI-ACROSS THE CENTER AISLE ON THE CTHER SIDE OF THE MAGAZINE. COMPLI-ANCE 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 UNIT LOADS THAT CAN BE STORED IN AN "ADDITIONAL 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 MAGAZINES. HE MADE OFERATING AREA CAN BE ENLARGED AS REQUIRED ID.
 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 54 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 54 INCHES WILL
 ENHANCE FOUNDLIFT RUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS
 AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.

TY: ICAL MULTIFLE-LOT STORAGE IN STRADLEY AND OVAL ARCH TYPE MAGAZINES

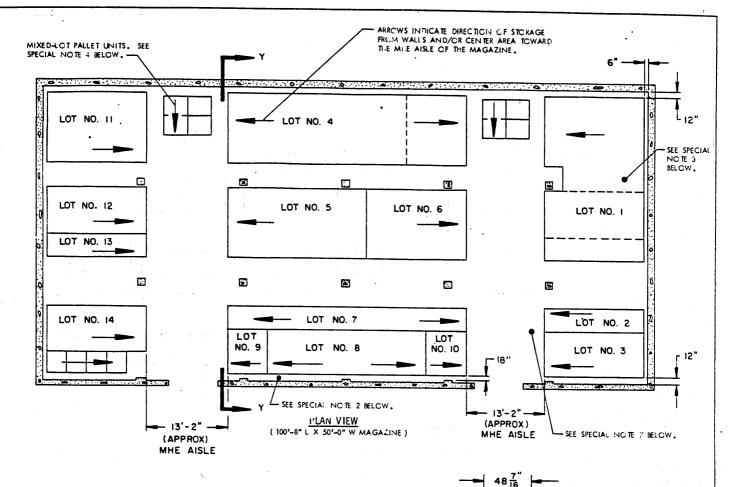
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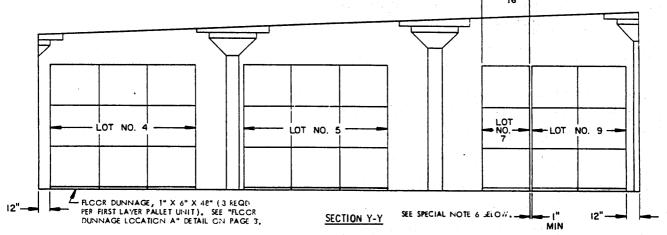




SPECIAL NCTES:

- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE 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 OR END OF EACH LOT.
- 3. GENERALLY, THE LARGEST LOTISHOULD BE STORED ON ONE SIDE OF THE MAGAZINE. HOWEVER, BOTH SIDES MAY BE USED TO STORE MORE THAN ONE LOTIBY ERECTING ROWS SIMILAR TO THOSE SHOWN ON THE LEFT SIDE. EACH-ADDITIONAL LOTIMUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTIONY 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 CARTRIDGES 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 ANO THER LOT OR LOTS HAVE TO BE MARE 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 MHE PERMITS, AND SAFE "LANDLING 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.
- B. AREAS INCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL ITEMS MAY BE STORED, THAT ARE FROM A LOT OR LOTS ADJACENT TO THE MISE ADSILONAL ITEMS MAY BE STORED, THAT ARE FROM A LOT OR LOTS ADJACENT TO THE MISE AISLE. COMPILANCE WITH ALL OF THE HULTIPLE-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 PALLET UNITS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OF FEWER STACKS THAN SHOWN MAY BE STORED AT ANY ONE OF THE ADDITIONAL STORAGE LOCATIONS. AN 111-9" MHE OPERATING AREA HAS BEEN SPECIFIED FOR ACCESS TO EACH "ADDITIONAL 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 RETWEEN STORAGE ON ONE SIDE OF A MAGAZINE AND AN" "ADDITIONAL STORAGE LOCATION") IS TO BE AT LEAST 54 INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 54 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:

- THE STORAGE PLANS SCOWN ARE TYPICAL CNLY. 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 SE PROVIDED AT ONE SIDE OR END OF EACH LOT.
- 3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SIDE OF THE MAGAZINE. HOWEVER, THESE AREAS MAY SE USED TO STORE MORE THAN ONE LOT BY ERECTING ROWS SIMILAR TO THOSE SHOWN IN THE CENTER AREA OR AS TYPICALLY INDICATED 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 CARRIDGES WITHIN THAT UNIT. HOWEVER, ALL CARTRIDGES AND LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

- 5. EAC: LCT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MILE. PALLET UNITS OF A SINGLE-LCT OR MIXED-LCT PALLET UNITS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWENTY-FOUK (24) "LIFTS" OF ANOTHER LCT OR LCTS HAVE TO BE MADE TO GAIN ACCESS TO THE SINGLE-LCT OR MIXED-LCT UNITS. A "LIFT" MAY CONSIST OF ONE (1) OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
- 6. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER TIEY SHOULD BE SEPARATED BY AT LEAST !" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
- 7. THE M.E. AISLES MAY BE USED TO STORE ONE OR MORE STACKS OF ADDITIONAL LOTS OR ADDITIONAL ITEMS THAT ARE FROM A LOT ADJACENT TO THE MHE AISLE. ADEQUATE SPACE FOR M.E. OPERATION, MUST BE MADE AVAILABLE FOR THE ADDITIONAL STORAGE. ALSO, COMPLIANCE WITH ALL OF T.E. MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED.

TYPICAL MULTIPLE-LOT STORAGE IN 100-3" L X : 0-0" W RECTANGULAR MAGAZINE