# STORAGE IN APPROVED MAGAZINES OF 8" SEPARATE LOADING PROJECTILES, UNITIZED 8 ROUNDS PER 40" L X 37" W X 28" H UNIT LOAD

#### INDEX

EM PAGE (S	<u>5)</u>
ENERAL NOTES, AND MATERIAL SPECIFICATIONS	2
TAILS	3
ORAGE PROCEDURES (EARTH-COVERED MAGAZINES):	
80', 60' AND 40' L X 26'-6" W X 12'-9" H IGLOO MAGAZ INES 4	i, 5
80' AND 40' L X 25' W X 10' H ARCH TYPE MAGAZ INES ( IGLOO ) 6	, 7
80' AND 40' L X 25' W X 11' H ARCH TYPE MAGAZ INES ( IGLOO ) 8	3. 9
80' AND 40' L X 25' W X 12'-1-3'4" H ARCH TYPE MAGAZINES (IGLOO)10,	11
81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZ INE ( IGLOO )12,	13
80' L X 25' W X 14'-4" H STRADLEY AND 89' L X 24'-10" W X 14'-4" H OVAL ARCH MAGAZ INES-14,	15
52' DIA CORBETTA MAGAZ INE16,	17
100' L X 50' W RECTANGULAR MAGAZINE18,	19
PICAL MULTIPLE-LOT STORAGE PROCEDURES:	
IGLOO AND ARCH TYPE MAGAZ INES20,	21
STRADLEY AND OVAL ARCH TYPE MAGAZINES22,	23
CODRETTA MACA7 INF24	25
RECTANGULAR MAGAZ INE	26

THE PROCEDURES HEREIN APPLY TO STANDARD 36-1/4" W
THRU 37" W UNIT LOADS. SIZE OF UNIT MAY VARY
SLIGHTLY, HOWEVER, PROCEDURES SPECIFIED HEREIN WILL
APPLY.

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			1	John .	L By	NTER AND SCHOOL
H	17		J		RY 197	DRAWING
H	$-V_{j}$		CLASS	DIVISION	DRAWING	1-3-4-14
			19	48	4102/11	22 PE 1001

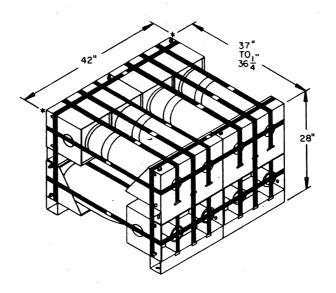
O NOT SCALE

#### **GENERAL NOTES**

- A. HIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, ND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. HE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR FORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES PEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE ROJECTILE UNIT LOADS IN OTHER TYPES OF APPROVED MAGAZINES, MINOR NOJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, IOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOLLOWED.
- C. AUTION: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE IS 10T TO BE EXCEEDED. STORAGE OF SOME SPECIFIC TYPES OF SEPARATE LOADING ROJECTILES MUST ALSO COMPLY WITH CURRENT DIRECTIVE AND REGULATORY EQUIREMENTS IN ADDITION TO THOSE SPECIFIED IN THIS DRAWING.
- D. TORED UNIT LOADS MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO ROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE LIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- E. ISLE DIMENSIONS SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE DJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS IN UNIT LOAD DIMENSIONS, ND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT.
- F. HE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS //ILL NOT BE EXCEEDED.
- G. F AVAILABLE MHE PERMITS, ADDITIONAL UNIT LOADS MAY BE STORED WITHIN THE RONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- H. HE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT LACEMENT OF SOME TOP LAYER UNITS IN THE STACKS SHOWN IN THE STORAGE TEWS HEREIN, UNLESS TWO UPPER UNIT LOADS ARE HANDLED AS ONE LIFT OR THE LACKAGE GUARD IS REMOVED (TINE CARRIAGE WILL IN MOST INSTANCES PROVIDE ADEQUATE PACKAGE GUARD PROTECTION). ONLY A FORKLIFT TRUCK OF ADEQUATE APACITY WILL BE USED WHEN LIFTING TWO UNIT LOADS AS ONE LIFT.
- J. FACK-STABILIZING DUNNAGE IN THE FORM OF "SHIMS" PROBABLY WILL BE FIGUIRED TO ACHIEVE SOUND AND ACCEPTABLE STABLE STACKS. SHIM MATERIAL FOR VARYING THICKNESSES WILL BE USED AS REQUIRED TO GAIN LEVEL OR NEARLY FEVEL STACKS AND SOLID BEARING WITHIN A STACK FROM THE FLOOR OF A MAGAINE TO THE TOP OF THE STACK.
- K. THE USE OF "FLOOR DUNNAGE" UNDER ADAPTERS IS OPTIONAL, ALTHOUGH THE 5SE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE RAWING. THE PURPOSE OF FLOOR DUNNAGE IS TO HELP KEEP THE ADAPTERS RY, THUS AIDING IN PREVENTING DETERIORATION DUE TO OXIDATION (RUSTING). HEREFORE, 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 ILOOR DUNNAGE AS SPECIFIED, THE USE OF THICKER FLOOR DUNNAGE MAY BE FEQUIRED, AND SHOULD BE USED, TO ACHIEVE THE DESIRED OBJECTIVE.
- L. EUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF LOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 11/2" WIDE
- M. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- N. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PREPLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE APPLICABLE "SPECIAL NOTES" SECTIONS OF THE MULTIPLE-LOT STORAGE PROCEDURES TYPICALLY SHOWN ON PAGES 20 THRU 26.
- O. ANY "LIGHT" UNIT LOAD THAT DOES NOT CONTAIN A FULL QUANTITY OF SEPARATE LOADING PROJECTILES WILL NOT BE BURIED IN STORAGE. IT MUST BE FOSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
- P. EPARATE LOADING PROJECTILES PRESENTLY STORED IN ACCORDANCE WITH A RIOR APPROVED DRAWING NEED NOT BE RE-STORED SOLELY TO CONFORM TO HE PROCEDURES SPECIFIED IN THIS DOCUMENT.
- Q. FIOTICE: ALTHOUGH TWO DIFFERENT WIDTH UNIT LOADS ARE COVERED BY THIS TRAWING, ALL THE DEPICTED STORAGE ARRANGEMENTS ARE BASED ON THE WIDER (37") OF THE TWO UNIT LOADS. WHEN STORING THE NARROWER UNIT (36-1/4"), MAY BE POSSIBLE TO STORE MORE UNITS THAN WHAT IS SHOWN FOR THE TIDER UNIT. AS STATED IN GENERAL NOTE "G", ADDITIONAL UNITS SHOULD BE STORED WHERE POSSIBLE.

## MATERIAL SPECIFICATIONS

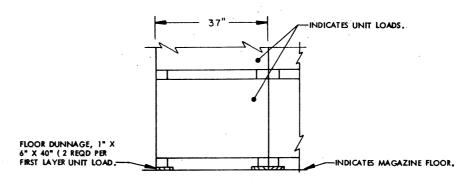
LUMBER ----- : SEE TM 743-200-1, DUNNA GE LUMBER, FED SPEC MM-L -751.



8'755, 8'UNIT LOAD

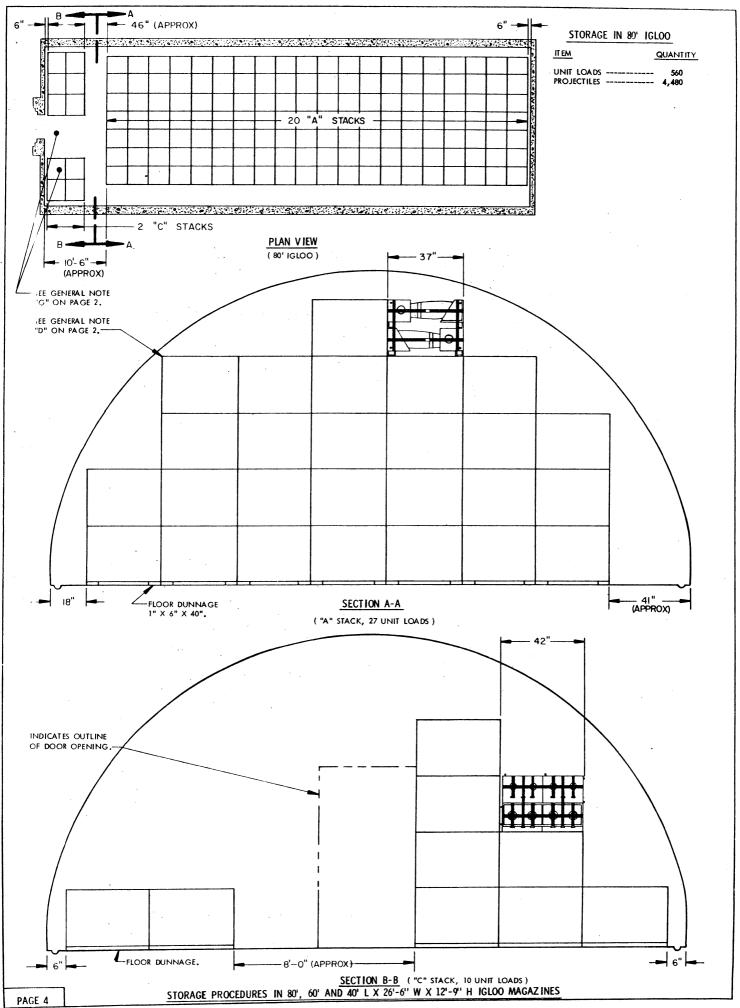
NOTE: WIDTH OF UNIT MAY VARY SLIGHTLY.

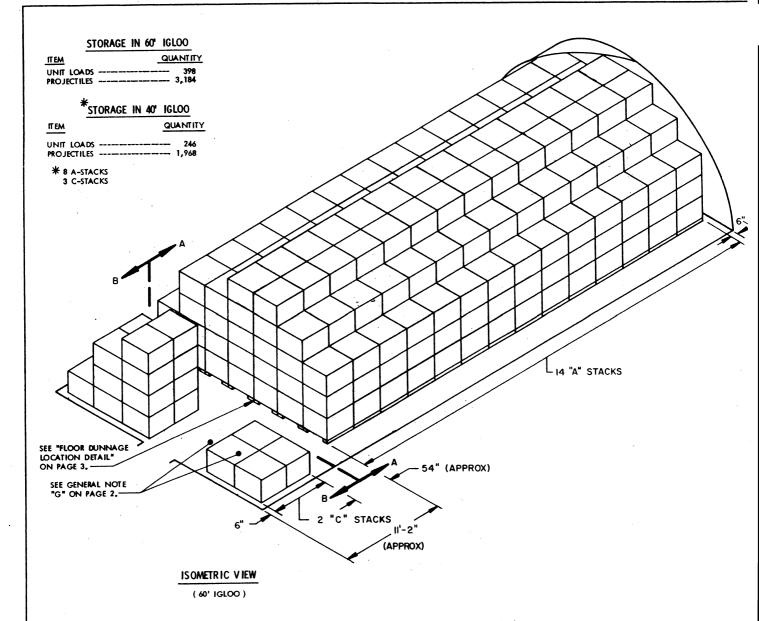
UNIT WEIGHT ----- 2,522 LBS TO 3,122 LBS



# FLOOR DUNNAGE LOCATION

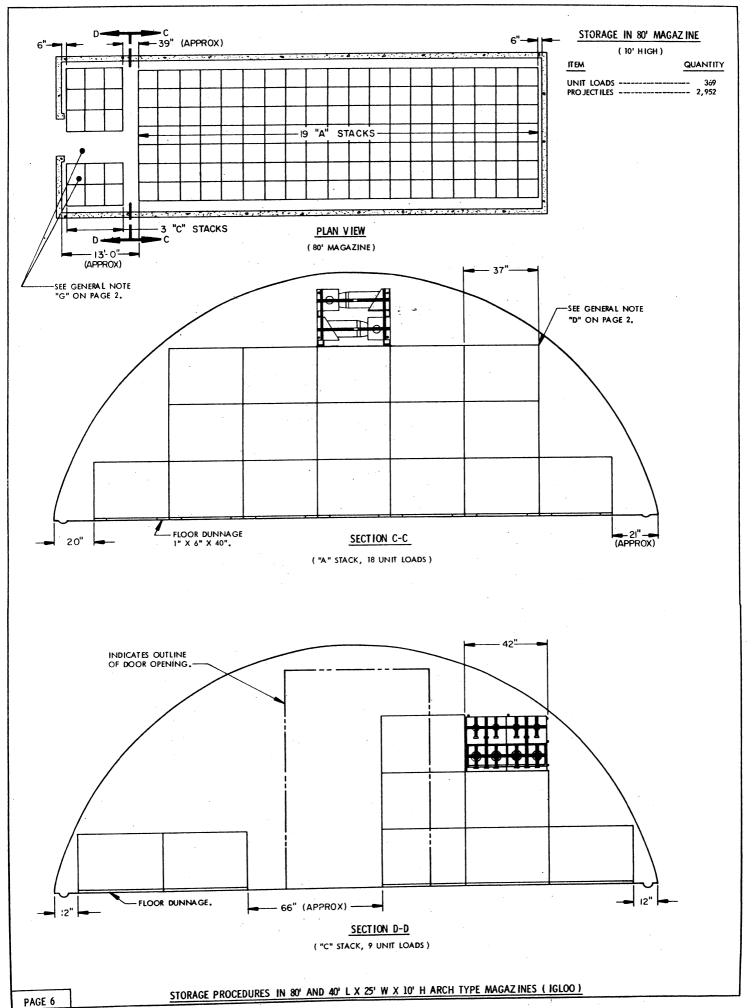
ISOMETRIC VIEWS WITHIN THIS DRAWING DO NOT DEPICT ALL FLOOR DUNNAGE THAT IS REQUIRED WHEN FLOOR DUNNAGE IS USED. FLOOR DUNNAGE IS SHOWN AT SOME LOCATIONS TO PROVIDE POSITIONING GUIDANCE.





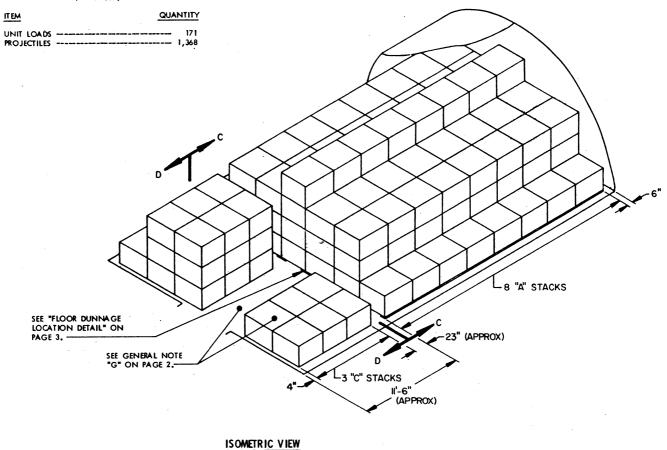
BILL OF MATERIAL (PER STACK)**				
1" X 6" DUNNA GE LUMBER				
TYPE STACK	LINEAR FEET	BOARD FEET		
A	46,67	23.33		
с .	33,33	16,66		

<sup>\*\*</sup> SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



# STORAGE IN 40' MAGAZINE

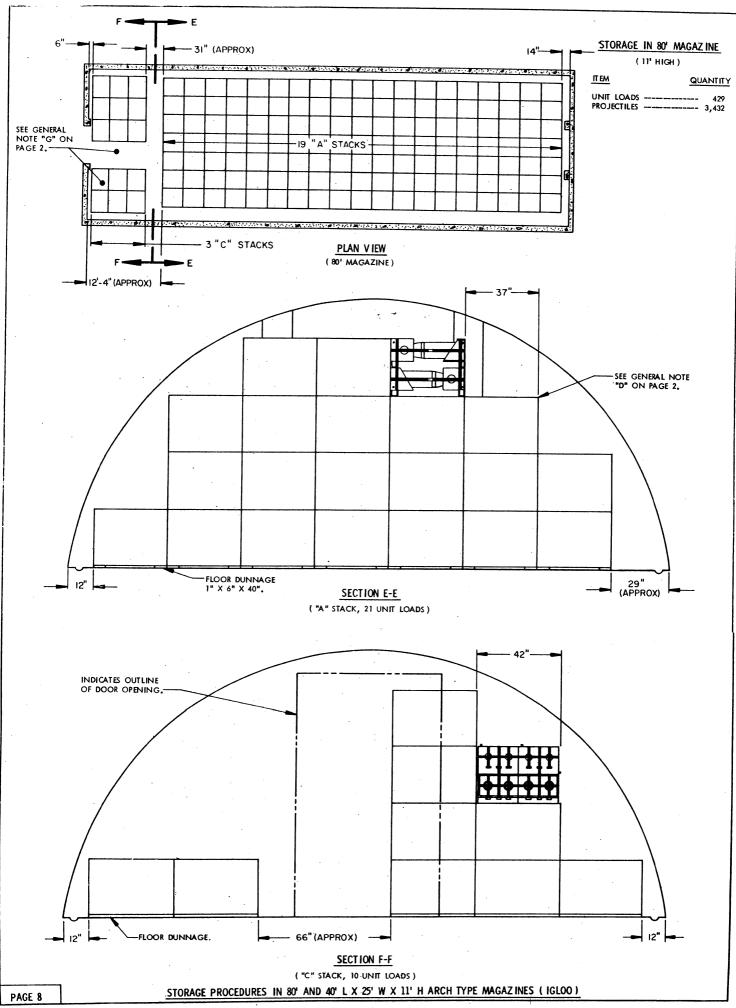
( 10' HIGH )



(40' MAGAZINE)

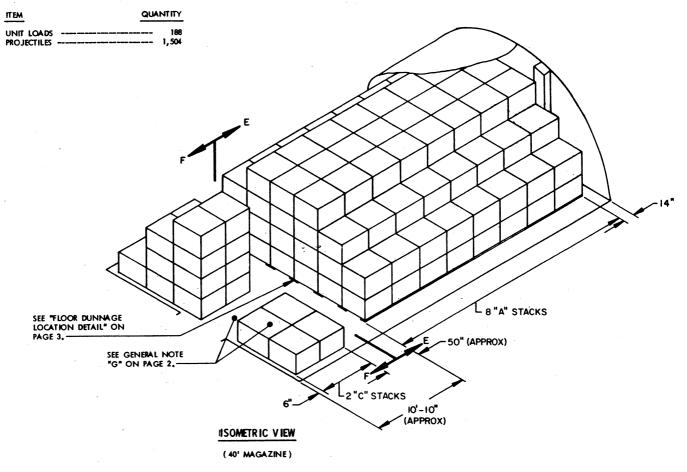
BILL OF MATERIAL (PER STACK)*				
1" X 6" DUNNAGE LUMBER				
TITE STACK	LINEAR FEET	BOARD FEET		
A	46,67	23,33		
С	33,33	16,66		

<sup>\*</sup>SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



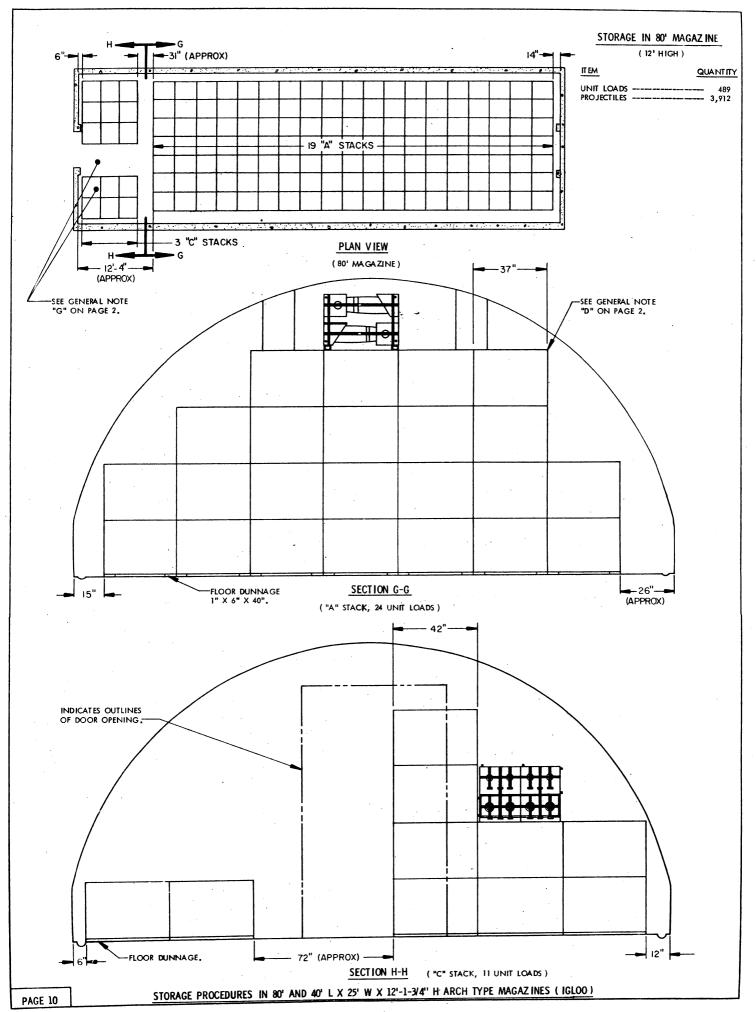
# STORAGE IN 40' MAGAZ INE

(11' HIGH)



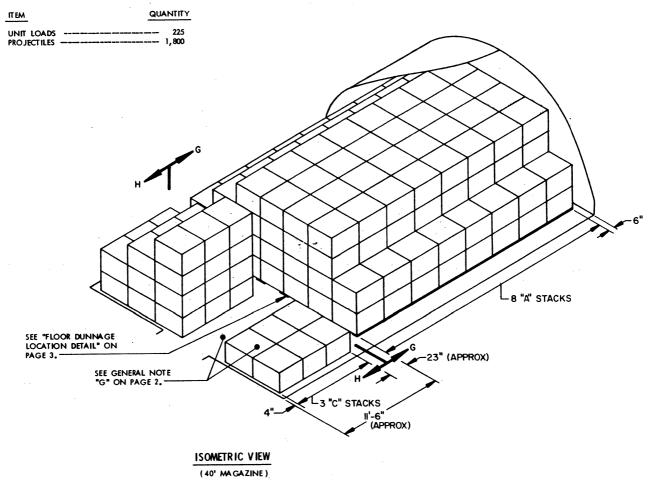
BILL OF MATERIAL ( PER STACK )**				
	1" X 6" DUNNA GE LUMBER			
TYPE STACK	LINEAR FEET	BOARD FEET		
A	46,67	23.33		
С	33.33	16.66		

<sup>\*</sup> SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



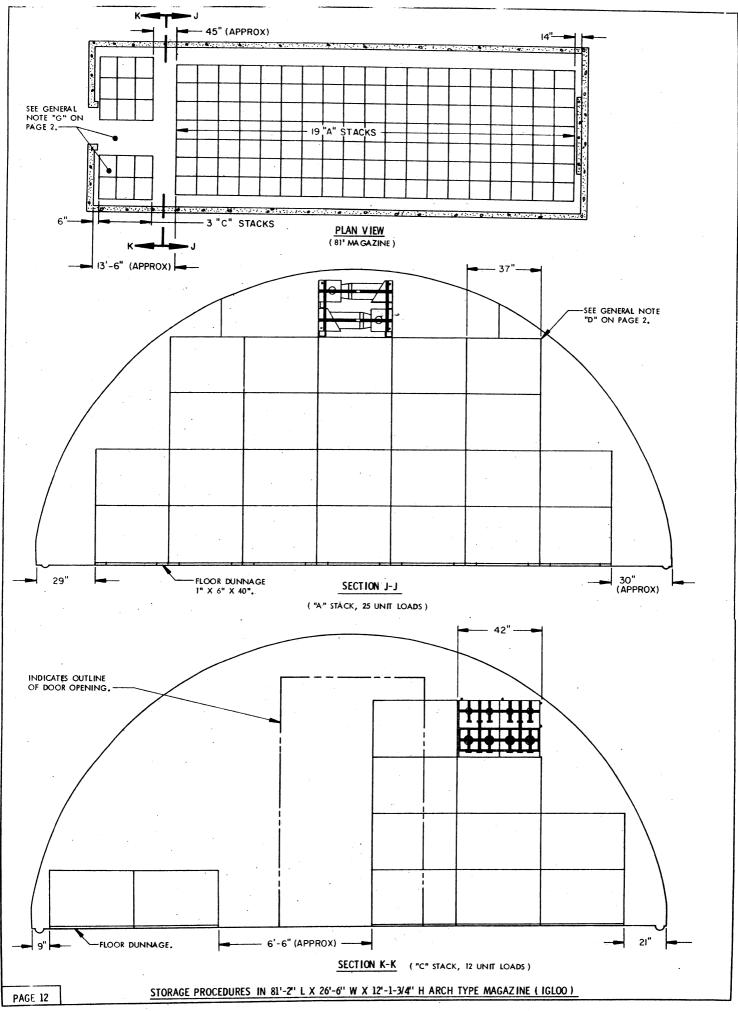
# STORAGE IN 40' MAGAZINE

( 12' HIGH )



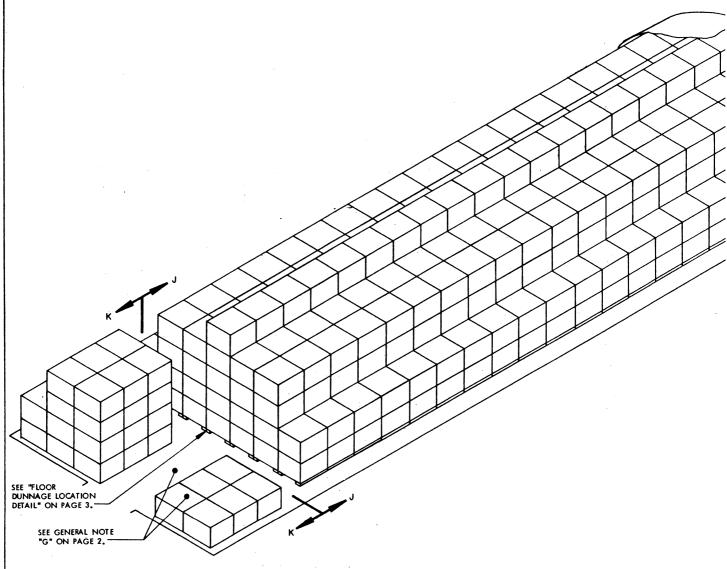
	BILL OF MATERIAL (PER STACK)*				
TYPE STACK	1" X 6" DUNNAGE LUMBER				
TYPE STACK	LINEAR FEET	BOARD FEET			
A	46.67	23,33			
С	33,33	16,66			

<sup>\*</sup>SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



# STORAGE IN 81' MAGAZINE

ITEM	QU	ANTITY
UNIT LOADS		511
PRO JECTILES		4,088

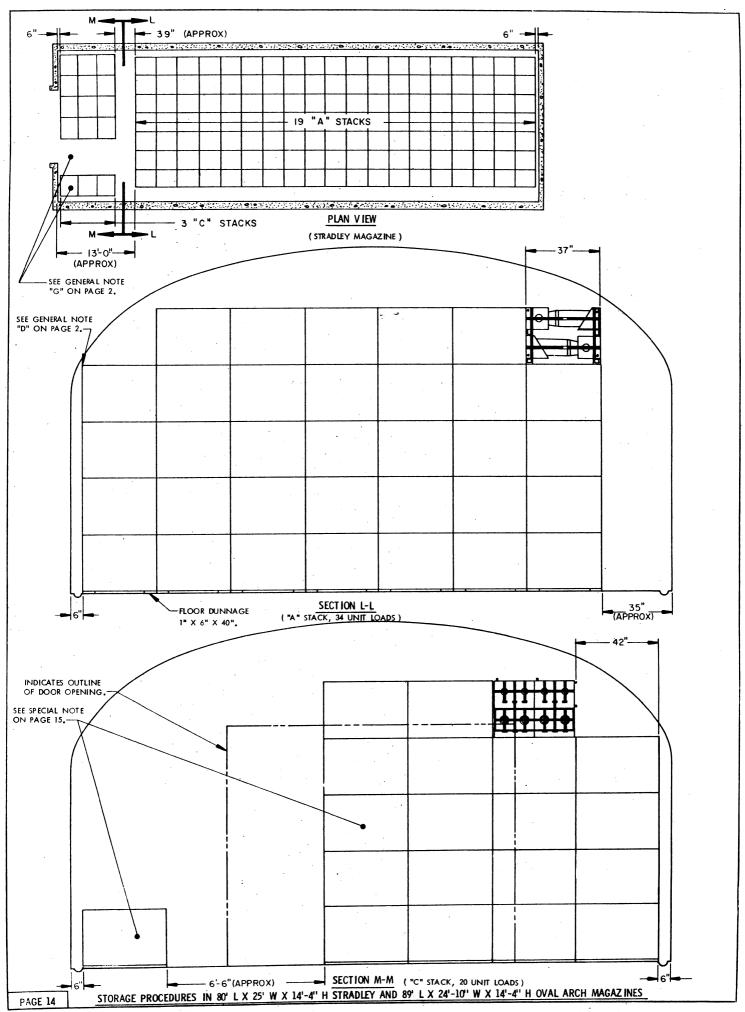


ISOMETRIC VIEW

(81' MAGAZINE)

BILL OF MATERIAL (PER STACK)*				
TYPE STACK	1" X 6" DUNNAGE WMBER			
ITTE STACK	LINEAR FEET	BOARD FEET		
A	46.67	23.33		
С	33,33	16.66		

<sup>\*</sup> SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



# STORAGE IN STRADLEY MAGAZINE

QUANTITY --- 706 --- 5,648 UNIT LOADS -PRO JECTILES ----\*STORAGE IN OVAL ARCH MAGAZINE 89' LONG QUANTITY ITEM UNIT LOADS -PROJECTILES ----- 6.368 \*22 A-STACKS 3 C-STACKS SEE SPECIAL NOTE BELOW. SEE "FLOOR DUNNAGE LOCATION DETAIL" ON PAGE 3.-SEE GENERAL NOTE

(STRADLEY MAGAZINE)

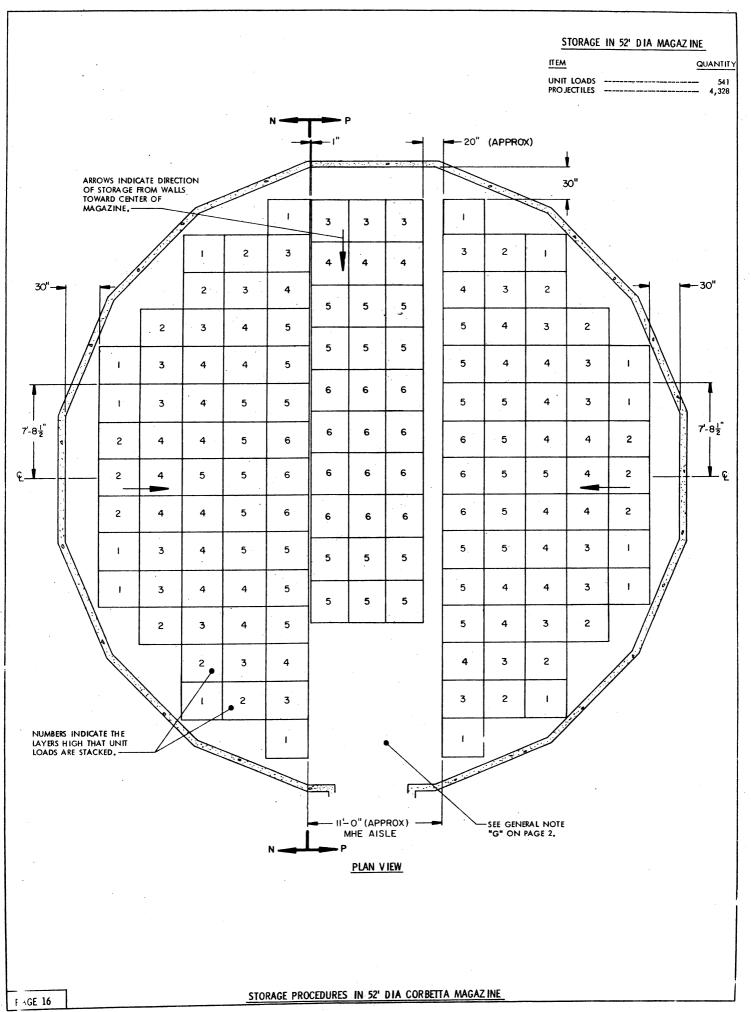
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2,

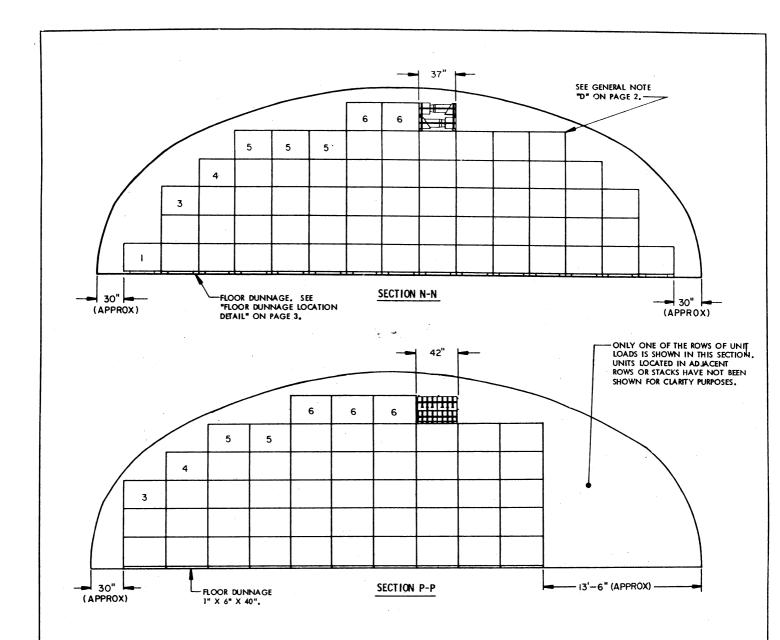
BILL OF MATERIAL (PER STACK)			
1" X 6" DUNNAGE LUMBER			
TYPE STACK	LINEAR FEET	BOARD FEET	
A	46.67	23.33	
С	33,33	16,66	

\*\* SEE GENERAL NOTES "J" AND "K" ON PAGE 2.

## SPECIAL NOTE:

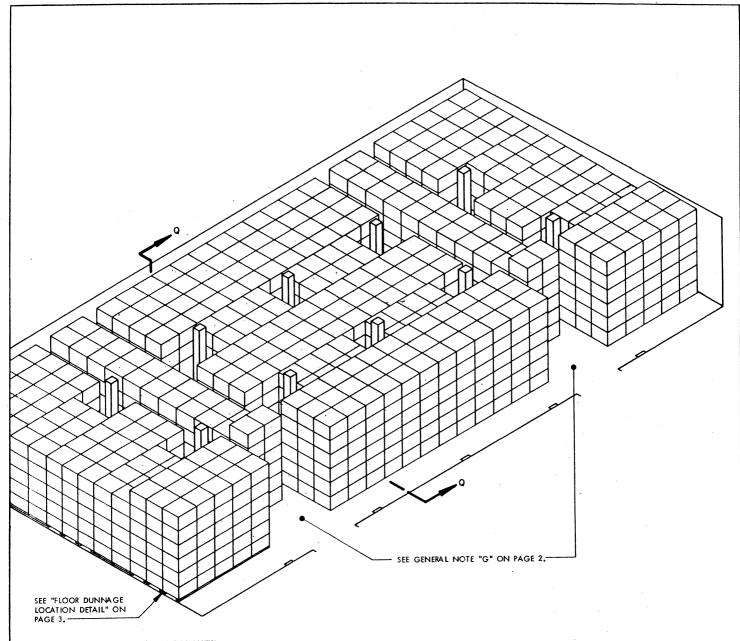
FOR STORAGE IN OVAL ARCH MAGAZINES, THE ONE (1) ROW OF UNIT LOADS ADJACENT TO THE OPERATING AISLE AS SHOWN IN "SECTION M-M" MUST BE OMITED AND ONE (1) UNIT LOAD CAN BE ADDED ON THE OPPOSITE SIDE OF THE OPERATING AISLE BECAUSE OF THE RELATIVELY NARROW DOOR OPENING. THIS WILL REDUCE THE "C" STACKS TO 16 UNITS EACH.





BILL OF MATERIAL (PER FIRST LAYER UNIT LOAD)*				
LUMBER	LINEAR FEET	BOARD FEET		
1" X 6"	6.67	3,33		

<sup>\*</sup>SEE GENERAL NOTES "J" AND "K" ON PAGE 2.



ISOMETRIC VIEW

( 100' L X 50' W MAGAZINE)

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

BILL OF MATERIAL ( PER FIRST LAYER UNIT LOAD )*				
LUMBER	LINEAR FEET	BOARD FEET		
1" X 6"	6,67	3.33		

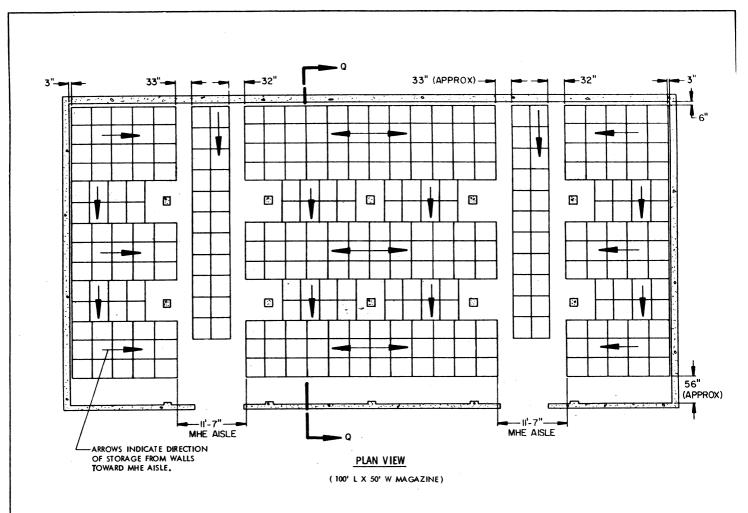
<sup>\*</sup>SEE GENERAL NOTES "J" AND "K" ON PAGE 2.

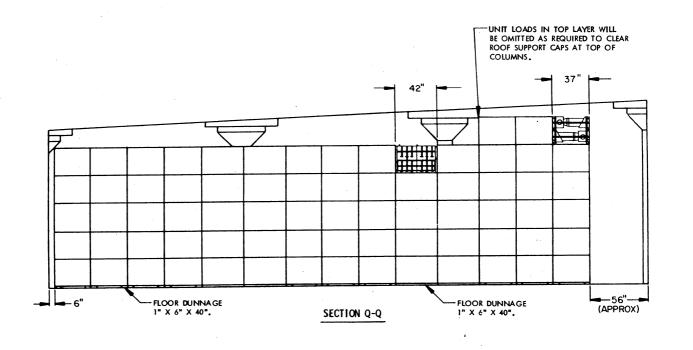
## STORAGE IN 100' X 50' MAGAZINE

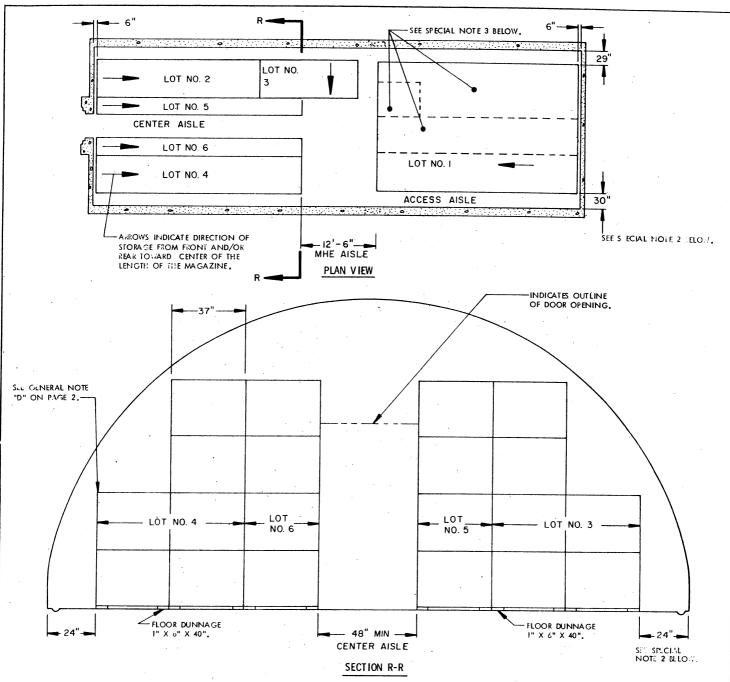
ITEM	QUANTIT
UNIT LOADS	1,710
PROJECTILES	13,680

# SPECIAL NOTE:

THE QUANTITY FOR A MAGAZINE IS TO BE REDUCED FROM WHAT IS SHOWN - 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.







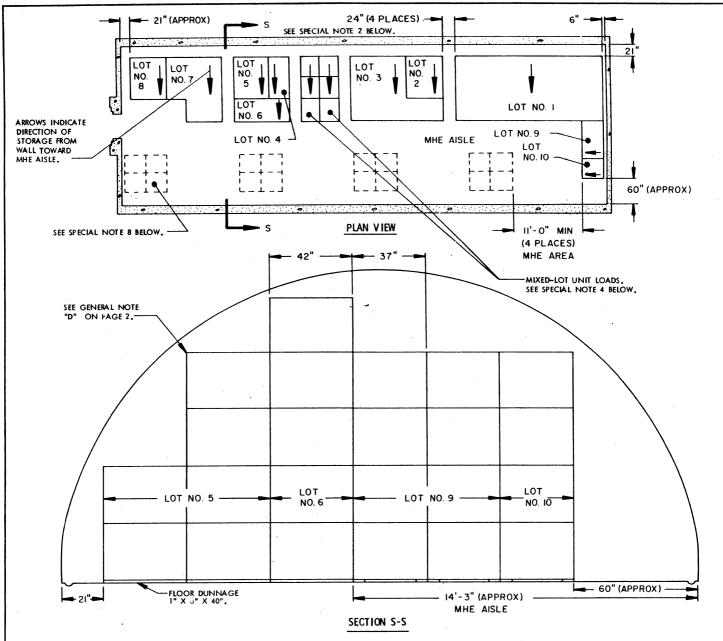
- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY AND APPLY TO RELATIVELY LARGE LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
- AN INSPECTION/INVENTORY AISLE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
- 3. GENERALLY, THE LARGEST 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 UNIT LO VOS IS CONSIDERD TWO SIGNET IN NOT MOR THAN TALKY (12). LIFTS OF ANDOTHER LOT OR LOS BLYCETOD MANDLED OF MAN ACCESS TO THE TELOTE A METER MAY CONSIST OF ON (13) OR MORE UNIT LOTOS, TROTIDING THE CAPACITY OF MIRE CERMICS, AND SEEL HANDLING IS NOT NOT WELLED.
- 5. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEAKANCE REQUIRED FOR MHE.

( CONTINUED AT RIGHT )

### (SPECIAL NOTES CONTINUED)

- 6. WHEN TWO LOTS ARE STORED AD ACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
  - EACH LOT MUST BE STORED TWO (2) UNITS (MINIMUM) WIDE TO ACCOMMODATE WIDTH OF MHE DUKING OPERATIONS, EXCEPT FOR A ROW ADJACENT TO A CENTER AISLE.

TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES

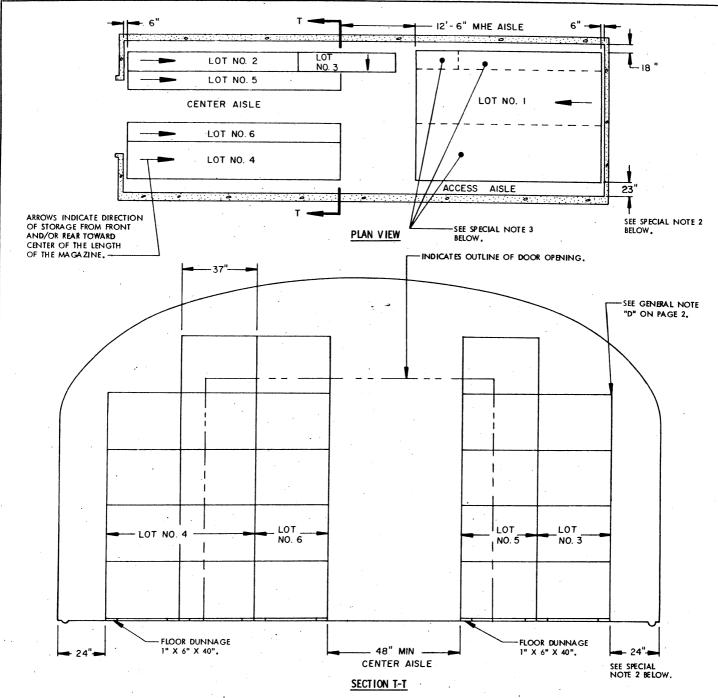


- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY AND APPLY TO STORAGE OF NUMEROUS SMALL LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
- 2. AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "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 ?
- 4. A MIXED-LOT UNIT LOAD MAY HAVE FROM TWO LOTS PER UNIT LOAD UPWARDS TO AS MANY DIFFERENT LOTS AS PROJECTILES WITHIN THAT UNIT, HOWEVER, ALL PROJECTILES AND LOTS WITHIN THE UNIT LOAD MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- 5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE.
  UNIT LOADS OF A SINGLE-LOT OR MIXED-LOT UNIT LOADS 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 MORE UNIT LOADS, PROVIDING THE
  CAPACITY OF MHE 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 MHE.
- 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.

( CONTINUED AT RIGHT )

#### (SPECIAL NOTES CONTINUED)

8. 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 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, RELIVE TO "12 LIFTS", WILL BE 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 ADDITIONAL STORAGE LOCATIONS. AN 11-FOOT 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 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 WIDE. IF A LOSS IN STORAGE RESULTS.



PAGE 22

- 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.
- 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.

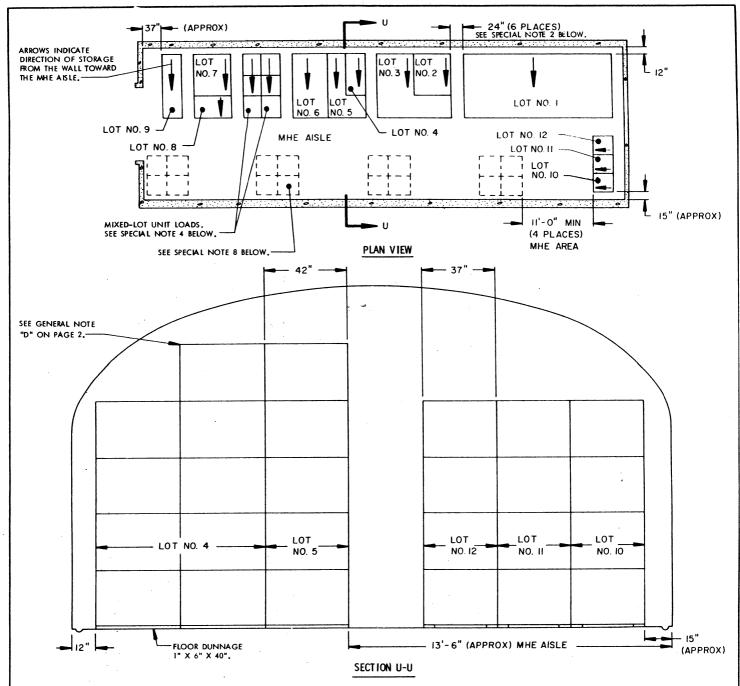
  A SINGLE-LOT OF UNIT. LOADS IS CONSIDERED "ACCESSIBLE" IF NOT MORE THAN
  TIMELYE (12) "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN
  ACCESS TO THAT LOT. A "LIFT" MAY CONSIST OF ONE (1) OR MORE UNIT
  LOADS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT
  JEOPARDIZED.
- 5. 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 SPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.

(CONTINUED AT RIGHT)

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

(SPECIAL NOTES CONTINUED)

 EACH LOT MUST BE STORED TWO (2) UNITS (MINIMUM) WIDE TO ACCOMMODATE WIDTH OF MHE DURING OPERATIONS, EXCEPT FOR A ROW ADJACENT TO A CENTER AISLE.

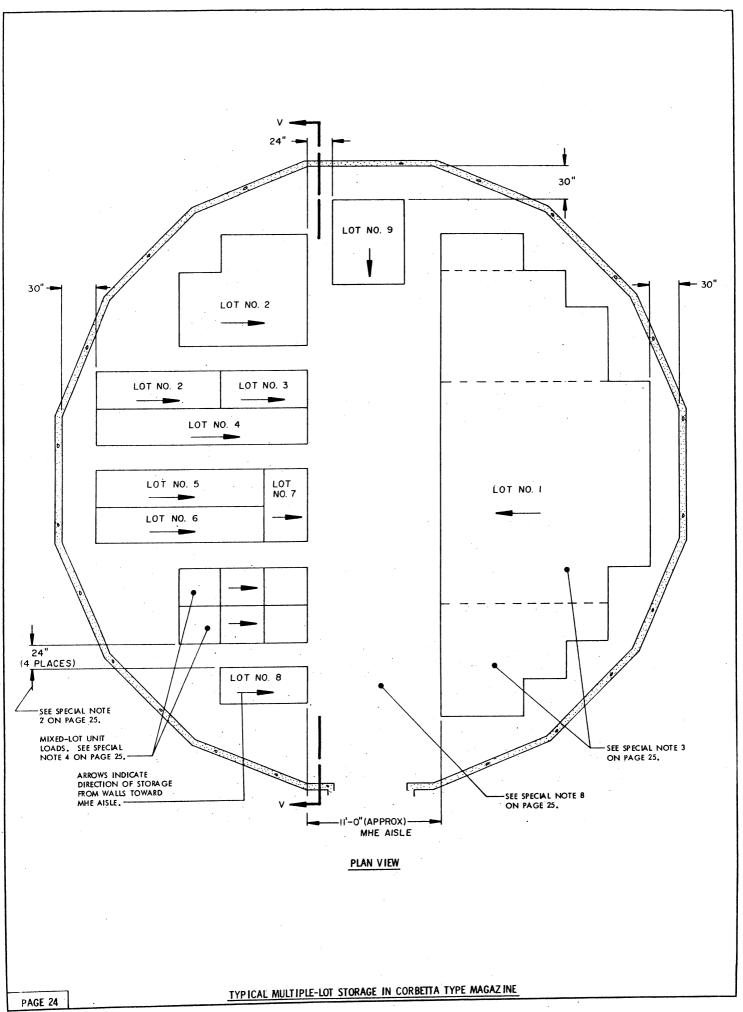


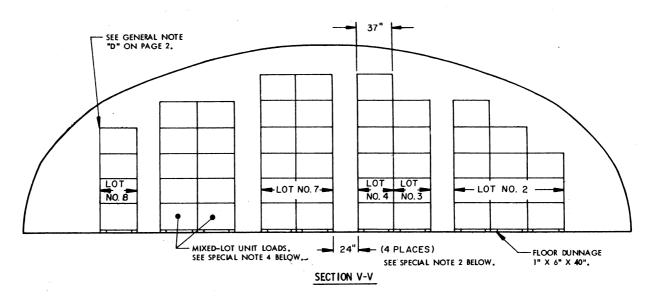
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- AN INSPECTION/INVENTORY AISLE NOT LESS THAN 18" WIDE MUST BE PROVIDED AT ONE SIDE OF EACH "BURIED" LOT.
- 3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. HOWEVER, THE REAR AREA MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SMILAR 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 UNIT LOAD MAY HAVE FROM TWO LOTS PER UNIT LOAD UPWARDS TO AS MANY DIFFERENT LOTS AS PROJECTILES WITHIN THAT UNIT. HOWEVER, ALL PROJECTILES AND LOTS WITHIN THE UNIT LOAD MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- 5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE.
  UNIT LOADS OF A SINGLE-LOT OR MIXED-LOT UNIT LOADS 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 MORE UNIT LOADS, PROVIDING THE
  CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.

#### (SPECIAL NOTES CONTINUED)

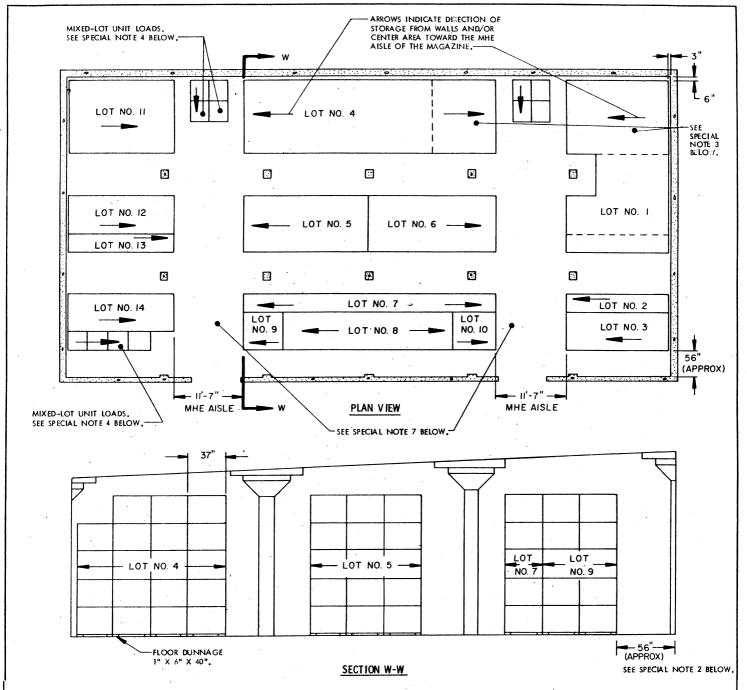
- 6. FOR STORA'GE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
- 7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
- B. AREAS INCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE ADDITIONAL LITEMS 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 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 ADDITIONAL STORAGE LOCATIONS. AN 11-FOOT 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 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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- THE STORAGE PLANS SHOWN 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 EXECTING ROWS SIMILAR TO THOSE SHOWN ON THE LEFT SIDE, 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 UNIT LOAD MAY HAVE FROM TWO LOTS PER UNIT LOAD UPWARDS TO AS MANY DIFFERENT LOTS AS PROJECTILES WITHIN THAT UNIT. HOWEVER, ALL PROJECTILES AND LOTS WITHIN THE UNIT LOAD MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- 5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE.
  UNIT LOADS OF A SINGLE-LOT OR MIXED-LOT UNIT LOADS 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 MORE UNIT LOADS, PROVIDING THE
  CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
- 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. THE MHE AISLE 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. THIS ADDITIONAL STORAGE IS TO BE ARRANGED IN A MANNER SIMILAR TO ARRANGEMENTS DEPICTED ON PAGES 21 AND 23 FOR THE "ADDITIONAL STORAGE LOCATIONS" (SHOWN BY DOTTED LINES). ADEQUATE SPACE FOR MHE OPERATION, AS DESCRIBED ON PAGES 21 AND 23, MUST BE MADE AVAILABLE FOR THE ADDITIONAL STORAGE. ALSO, COMPLIANCE WITH ALL OF THE MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED.



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- 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 BRECTING 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 UNIT LOAD MAY HAVE FROM TWO LOTS PER UNIT LOAD UPWARDS TO AS MANY DIFFERENT LOTS AS PROJECTILES WITHIN THAT UNIT. HOWEVER, ALL PROJECTILES AND LOTS WITHIN THE UNIT LOAD MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- 5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE, UNIT LOADS OF A SINGLE-LOT OR MIXED-LOT UNIT LOADS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWENTY-FOUR (24) "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 MORE UNIT LOADS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.

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TYPICAL MULTIPLE-LOT STORAGE IN RECTANGULAR MAGAZINE