STORAGE IN APPROVED MAGAZINES
OF 500-POUND BOMB, MK82 AND MODS,
UNITIZED 6 BOMBS PER PALLET UNIT,
33-3/4" L X 62" W X 28" H (NAVY
FLEET ISSUE UNIT, MK 9 MOD 0
PALLET WITH SADDLES)

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REGIANOULAR MODALINE

THE PROCEDURES HEREIN ALSO APPLY TO THE 27" H FLEET ISSUE UNITS ON MK9 MOD O PALLETS WITHOUT SADDLES. SIZE OF UNITS MAY VARY SLIGHTLY, HOWEVER, PROCEDURES SPECIFIED HEREIN WILL APPLY.

THIS DRAWING SUPERSEDES DRAWING 19-48-4105-1-14PB1003, DATED MARCH 1974, AS PERTAINS TO STORAGE PROCEDURES FOR NAVY FLEET ISSUE UNITS ON MK9 MOD 0 PALLETS.

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DO NOT SCALE

#### GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 ( CHAPTER 5 ).
- B. THE STORAGE PROCEDURES SPECIFIED HEREIN ARE APPLICABLE TO NAVY FLEET ISSUE UNITS OF 500-POUND MK82 SERIES BOMBS PACKED 6 PER METAL PALLET, MK9, MOD O ( 2 WAY ENTRY ) WITH AND WITHOUT SADDLES. FOR DETAILS OF THE UNIT, SEE PAGE 3 AND NAVY WR-54/225 AND WR-54/31B.

PALLET UNIT DIMENSIONS -- 33-3/4" LONG X 62" WIDE X 28" HIGH ( APPROX ) GROSS WEIGHT ------3,175 POUNDS (APPROX).

CUEE ------33.6 CUBIC FEET.

- C. THE STORAGE PROCEDURES WITHIN THIS DOCUMENT DEPICT STORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES DEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE BOMB 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.
- D. 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. SEE GENERAL NOTE "T" AT RIGHT.
- E. 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.
- F. AISLE DIMENSIONS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT ( MHE ). HOWEVER, A SIXTEEN INCH ( 16") ( MINIMUM ) AISLE IS REQUIRED AT THE NOSE END AND AT THE BASE END OF THE BOMBS TO FACILITATE INSPECTION.
- G. THE STORAGE PROCEDURES AND DIMENSIONS AS SHOWN WITHIN THIS DRAWING ARE BASED ON PALLET UNITS OF BOMBS HAVING FLAT NOSE PLUGS. IF THE BOMBS TO BE STORED HAVE CONICAL NOSE PLUGS, THE NUMBER OF STACKS OR ROWS OF UNITS, AS APPLICABLE, MUST BE REDUCED FROM THAT SHOWN, AS NECESSARY, TO COMPENSATE FOR THE ADDITIONAL SPACE REQUIREMENTS DUE TO THE INCREASED LENGTH OF THE BOMBS WITH CONICAL PLUGS. INSPECTION AISLES, HOWEVER, MUST BE PROVIDED AS SPECIFIED IN NOTE "F" ABOVE.
- H. IF THE AVAILABLE MHE PERMITS, ADDITIONAL PALLET UNITS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- J. 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 THE PACKAGE GUARD IS REMOVED (TINE CARRIAGE WILL IN MOST INSTANCES PROVIDE ADEQUATE PACKAGE GUARD PROTECTION).
- K. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- L. 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.
- M. 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 ( RUSTING ). THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR, ALSO, IN LIEU OF USING ONE-INCH THICK FLOOR DUNNAGE AS SPECIFIED, THE USE OF THICKER FLOOR DUNNAGE MAY BE REQUIRED, AND SHOULD BE USED, TO ACHIEVE THE DESIRED OBJECTIVE.
- N. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE.
- O. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- P. 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 18 THRU 24.

( CONTINUED AT RIGHT )

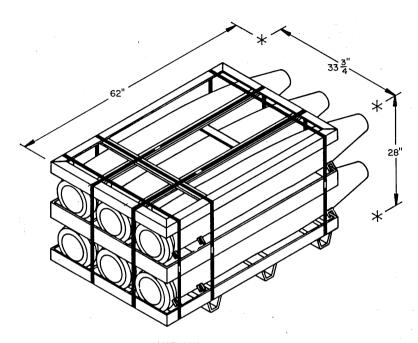
#### MATERIAL SPECIFICATIONS

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

#### ( GENERAL NOTES CONTINUED )

- Q. ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING MULTIPLE LOTS WITHIN ONE STRUCTURE, THE BASIC STORAGE PATTERNS AS SHOWN ON PAGES 8 AND 10 CAN ALSO BE ADAPTED FOR THE STORING OF MORE THAN ONE LOT. A LOT MAY CONSIST OF ONE OR MORE ROWS OF UNITS. OTHER BASIC STORAGE PATTERNS SHOWN IN THIS DRAWING MAY ALSO BE USED TO A LIMITED DEGREE FOR STORING MORE THAN ONE LOT. HOWEVER, WHEN STORING MORE THAN ONE LOT IN A MAGAZINE, ALL THE ADDITIONAL CRITERIA PERTAINING TO MULTIPLE-LOT STORAGE WILL APPLY AS SPECIFIED IN THE "SPECIAL NOTES" SECTIONS ON PAGES 18 THRU 24.
- R. ANY "LIGHT" PALLETIZED UNIT THAT DOES NOT CONTAIN A FULL QUANTITY OF BOMBS WILL NOT BE BURIED IN STORAGE. IT MUST BE POSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
- S. BOMBS PRESENTLY STORED IN ACCORDANCE WITH A PRIOR APPROVED DRAWING NEED NOT BE RE-STORED SOLELY TO CONFORM TO THE PROCEDURES SPECIFIED IN THIS DOCUMENT.
- T. IF THE QUANTITY OF 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.
- U. THE POSITIONING OF THE NOSE-END OF BOMBS WITHIN A MAGAZINE IS INDICATED BY ARROWS IN THE STORAGE VIEWS, BUT ONLY TO FACILITATE STORAGE OPERATIONS AND PROVIDE FOR A UNIFORM AND ORDERLY STORAGE PATTERN. IF DESIRED, THEREFORE, PALLET UNITS MAY BE ROTATED 180° FROM THAT SHOWN IN THE STORAGE VIEWS.

PAGE 2

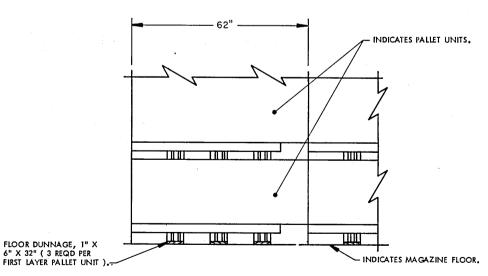


### PALLET UNIT

NAVY FLEET ISSUE UNIT.
6 BOMBS PER METAL PALLET, 2-WAY ENTRY, WITH SADDLES.

UNIT WEIGHT ----- 3,175 LBS ( APPROX ) CUBE ----- 33.6 CUBIC FEET

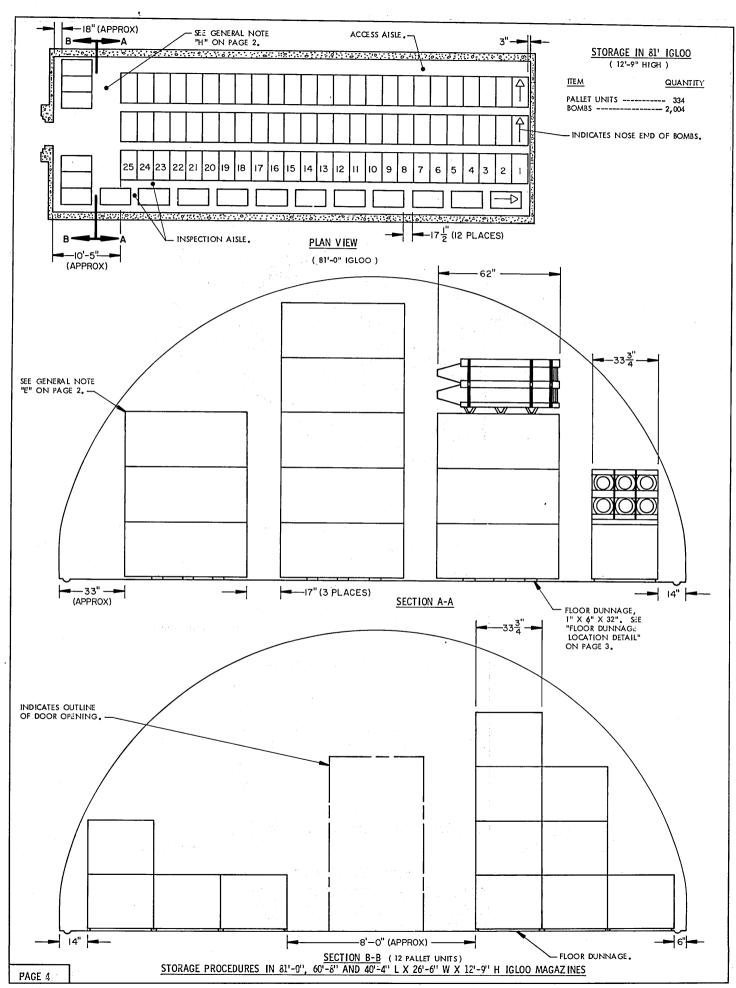
SEE GENERAL NOTE "G" ON PAGE 2.

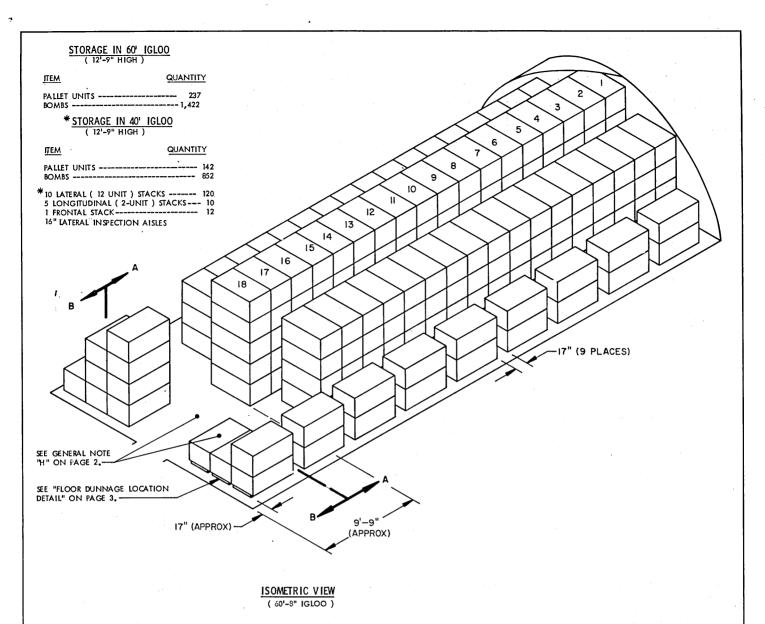


#### FLOOR DUNNAGE LOCATION DETAIL

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. SEE GENERAL NOTES "M" AND "N" ON PAGE 2.

**DETAILS** 

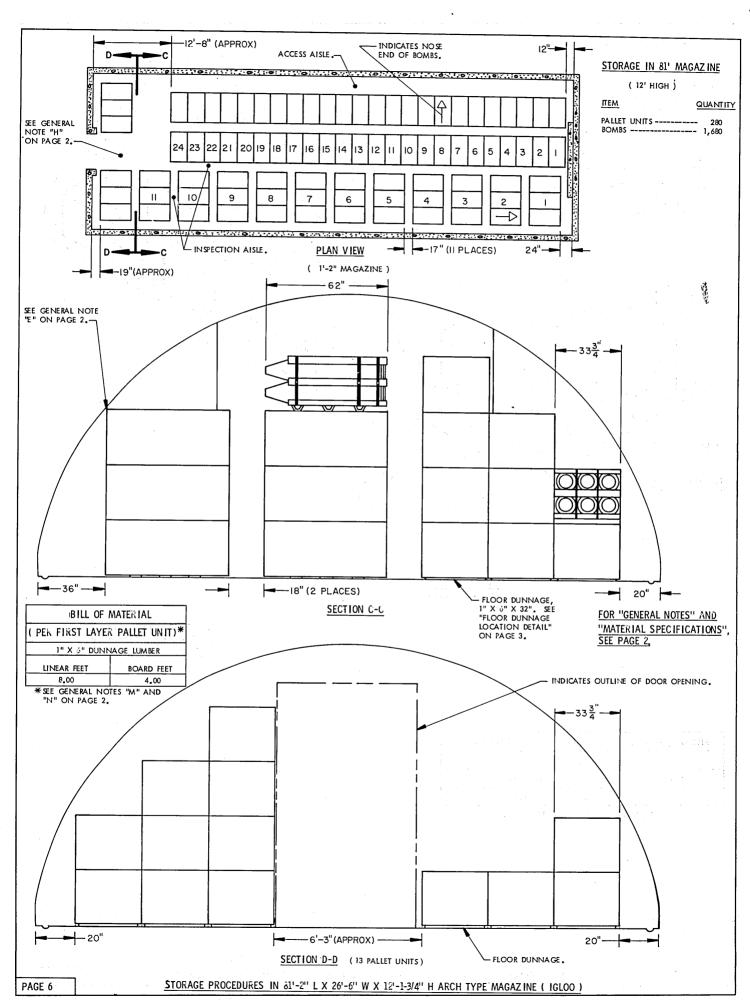




FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

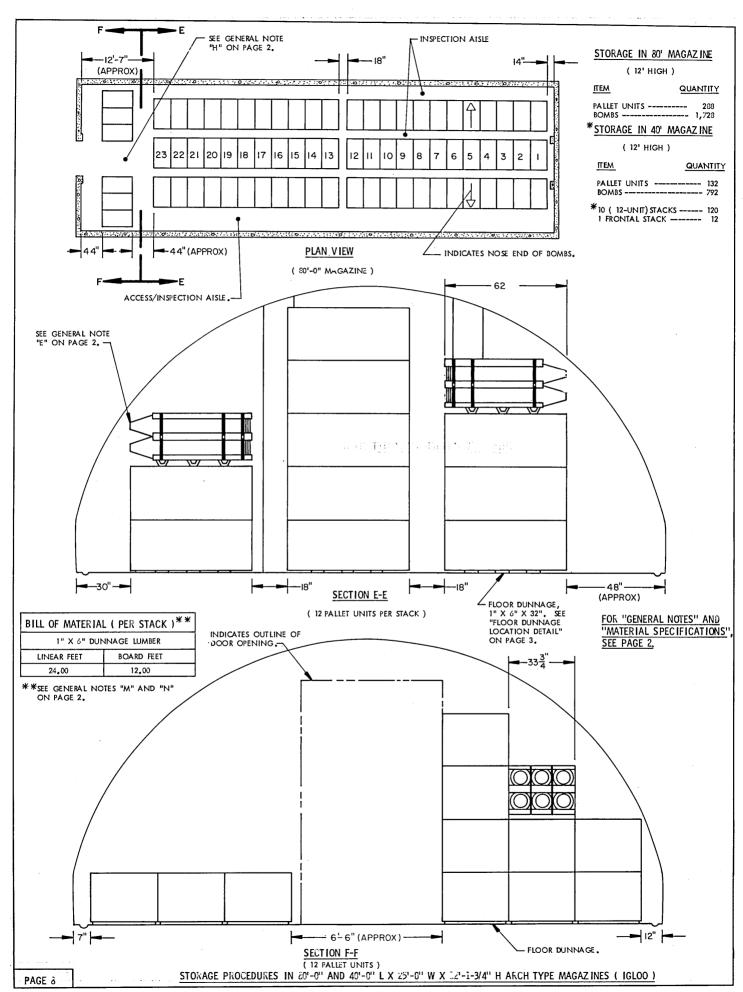
BILL OF MATERIAL ( PER F	IRST LAYER PALLET UNIT ) * *	
1" X 6" DUNNAGE LUMBER		
LINEAR FEET	BOARD FEET	
8,00	4.00	

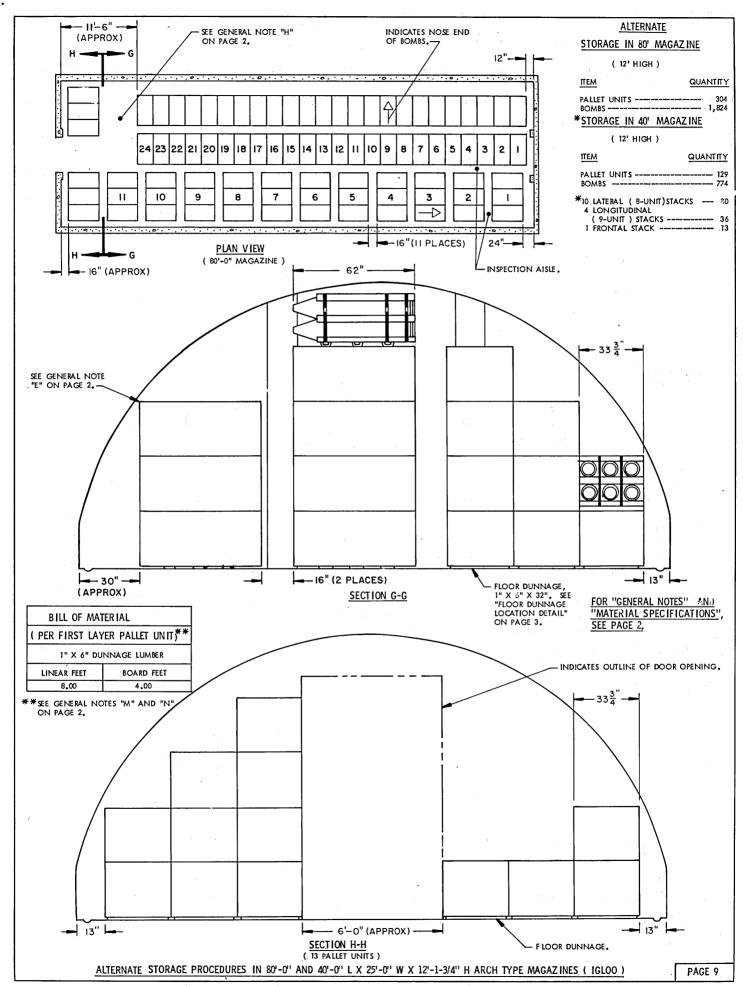
<sup>\* \*</sup> SEE GENERAL NOTES "M" AND "N" ON PAGE 2.

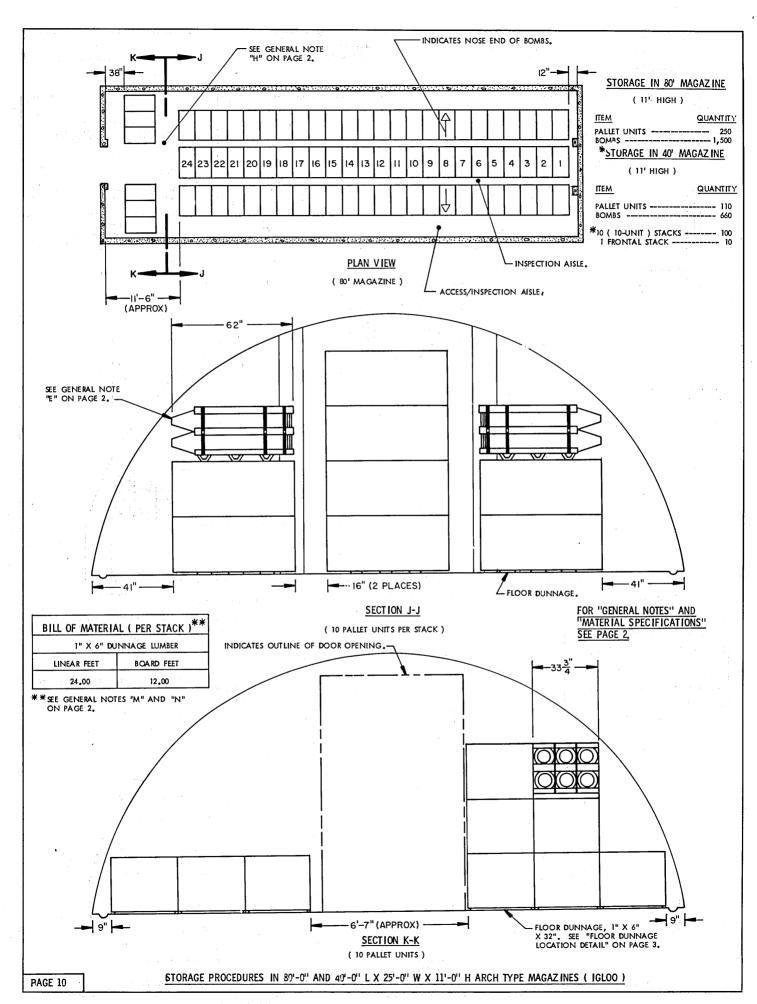


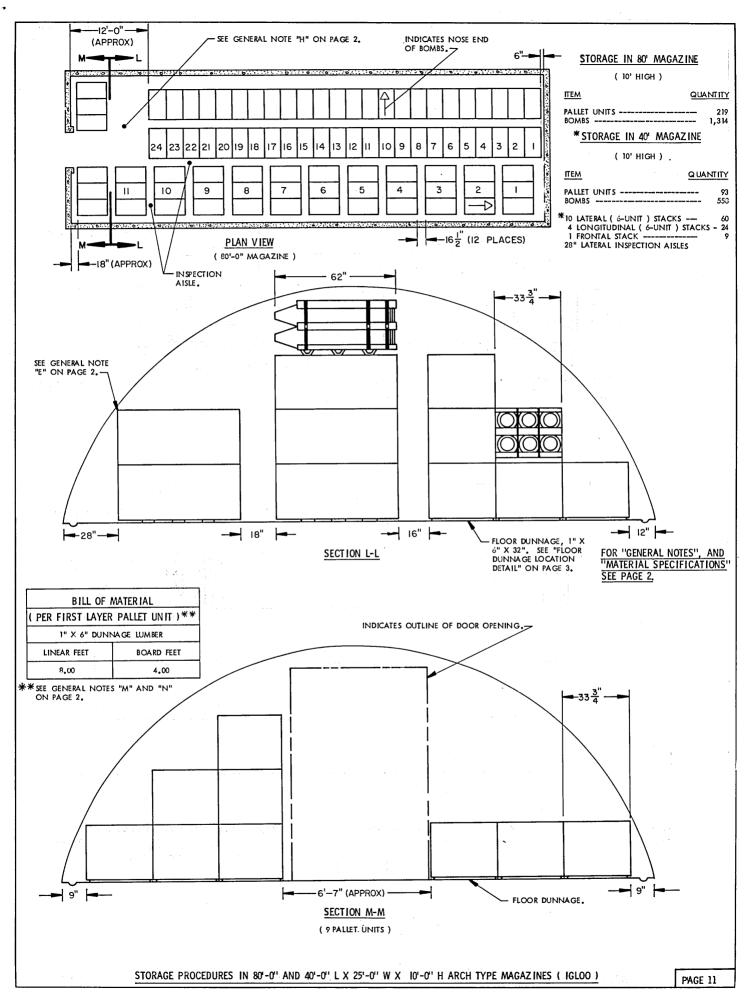
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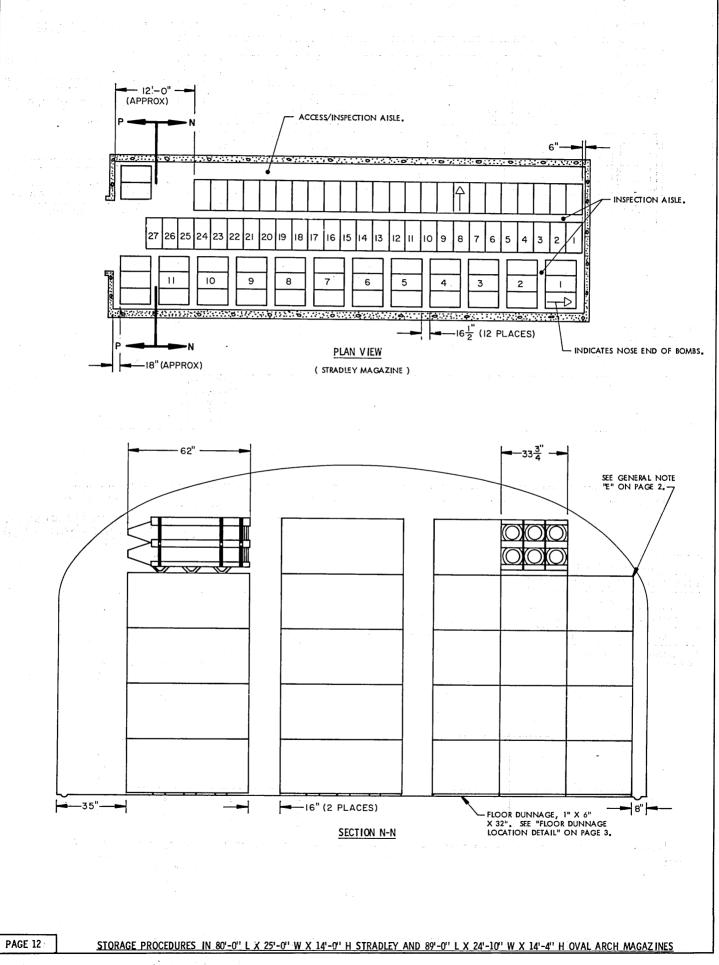
PAGE 7









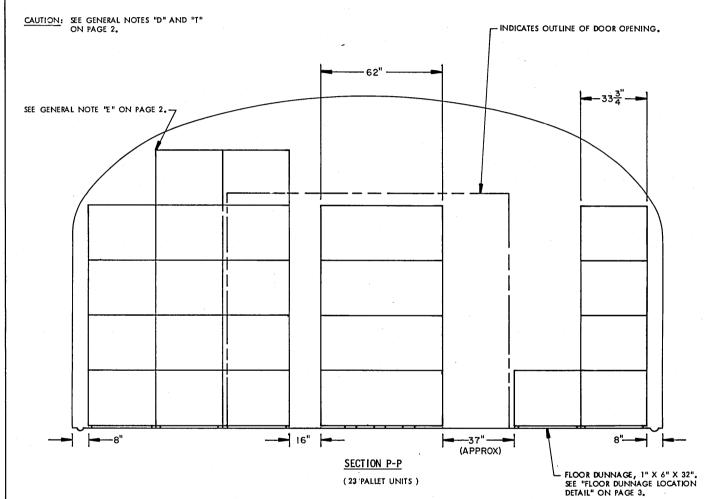


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STORAGE IN STRADLEY MAGAZINE

## \*STORAGE IN OVAL ARCH MAGAZINE

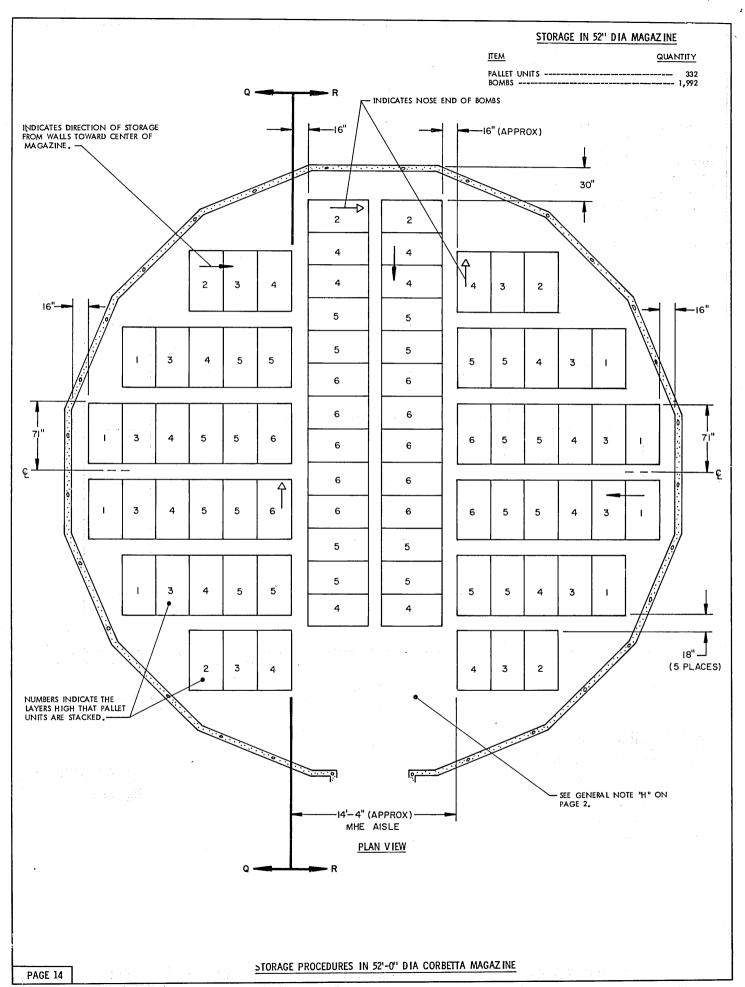
ПЕМ	89' LONG	QUANTITY
*27 LATERAL	( SIDE-ROW 5-UNIT ) SI ( CENTER ROW 5-UNIT )	ACKS 135
12 LONGITU	DINAL ( 14-UNIT ) STA STACK	CKS 168

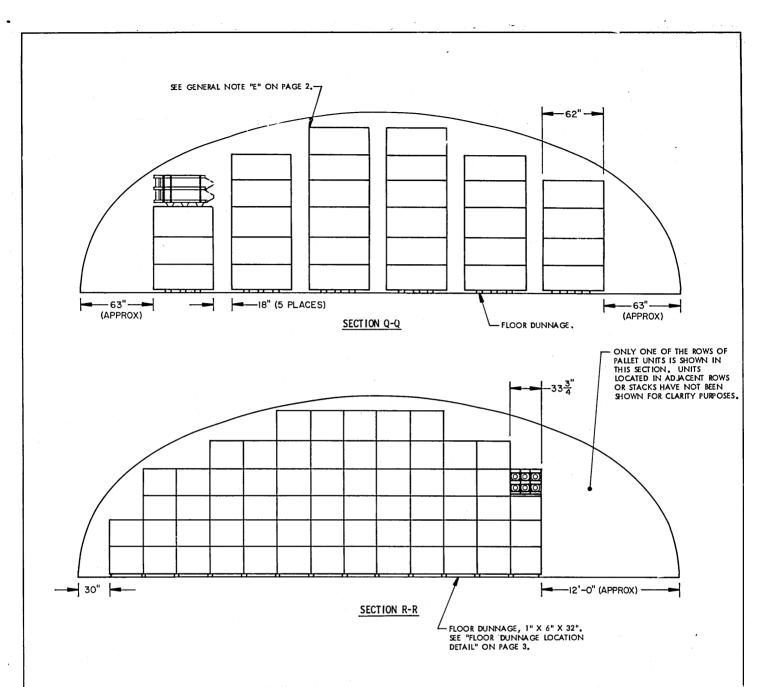


BILL OF MATERIAL		
( PER FIRST LAYER PALLET UNIT )**		
1" X 6" DUNNAGE LUMBER		
LINEAR FEET	BOARD FEET	
3.00	4.00	

\*\* SEE GENERAL NOTES "M" AND "N" ON PAGE 2. FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

STORAGE PROCEDURES IN 80'-0" L X 25'-0" W X 14'-0" H STRADLEY AND 89'-0" L X 24'-10" W X 14'-4" H OVAL ARCH MAGAZINES



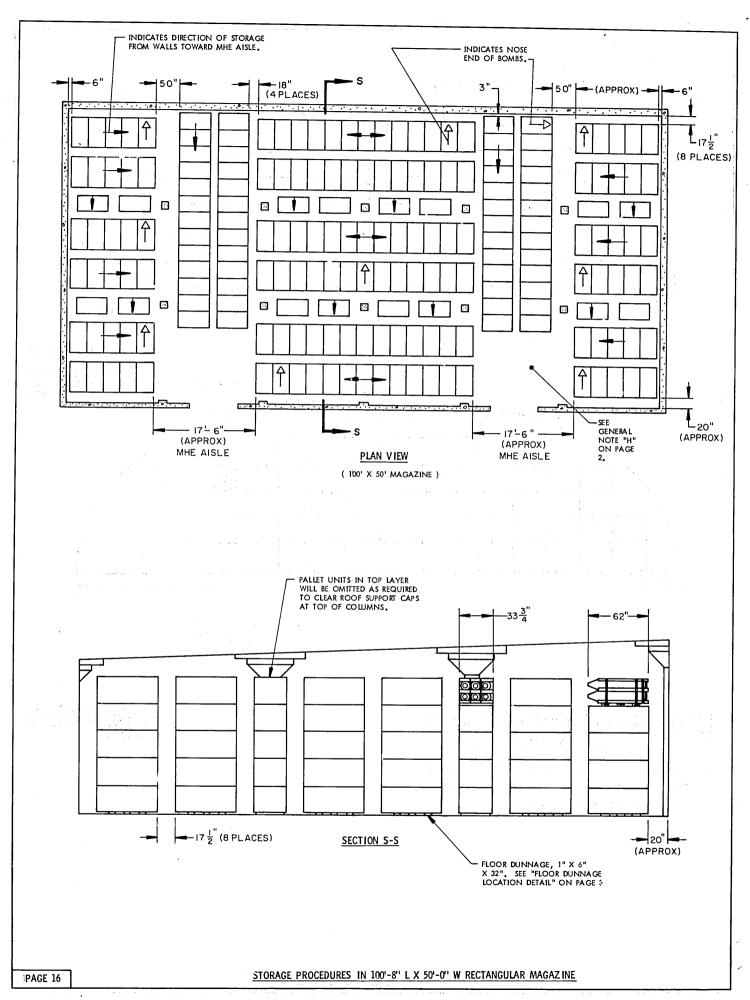


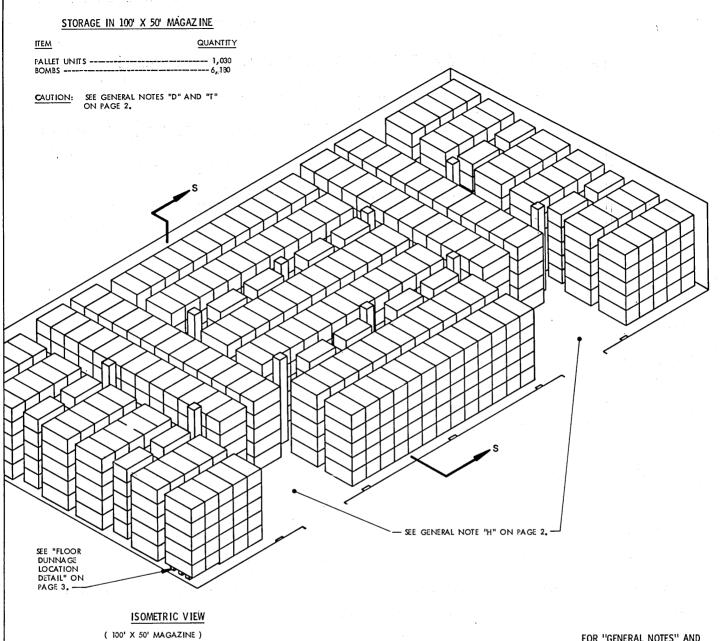
BILL OF MATERIAL ( PER FIRST LAYER PALLET UNIT ) *		
1" X 6" DUNNAGE LUMBER		
LINEAR FEET	BOARD FEET	
8,00	4.00	

\* EEE GENERAL NOTES "M" AND "N" ON PAGE 2.

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

STORAGE PROCEDURES IN 52'-0" DIA CORBETTA MAGAZINE



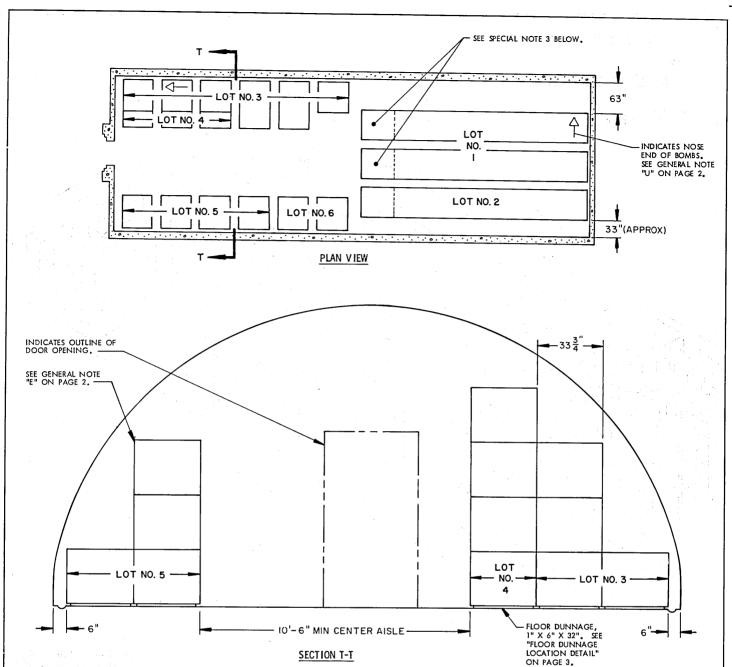


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATERIAL ( PER	FIRST LAYER PALLET UNIT ) *	
1" X 6" DUNNA GE MATERIAL		
LINEAR FEET	BOARD FEET	
8.00	4.00	

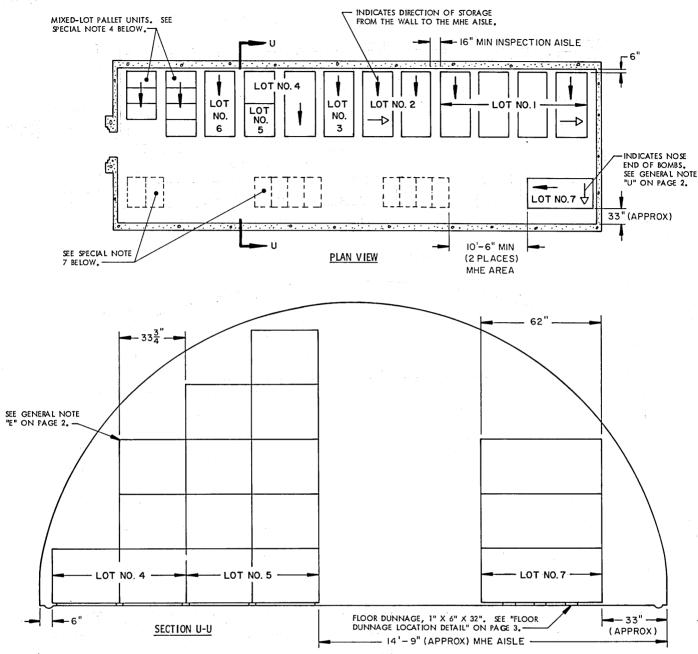
<sup>\*</sup> SEE GENERAL NOTES "M" AND "N" ON PAGE 2.

STORAGE PROCEDURES IN 100'-8" L X 50'-0" W RECTANGULAR MAGAZ INE



- 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 AISLE NOT LESS THAN 16" WIDE MUST BE PROVIDED AT THE NOSE END AND AT THE BASE END OF THE BOMBS.
- 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 OR AS SHOWN BY DOTTED LINES. SINCE THE UNITS TO BE STORED HAVE ONLY 2-WAY ENTRY PALLETS, A CENTER AISLE WILL BE REQUIRED IN THE REAR AREA TO THE EXTENT NECESSARY TO ASSURE ACCESS TO EACH LOT 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.
- FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.

TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES

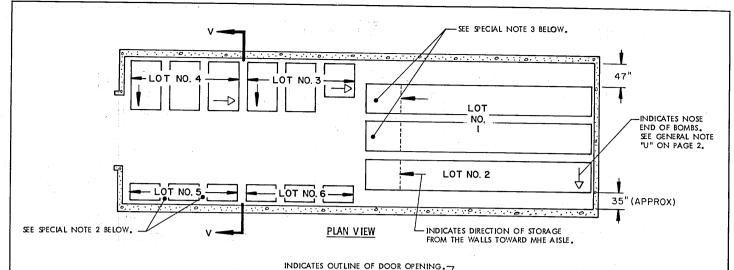


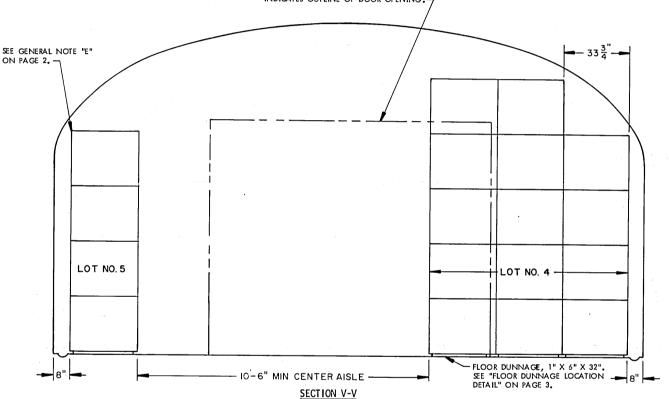
- 1. THE STORAGE PLANS AND CONFIGURATIONS SHOWN ON THIS PAGE ARE TYPICAL ONLY AND APPLY TO STORAGE OF NUMEROUS SMALL LOTS. ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
- AN INSPECTION AISLE NOT LESS THAN 16" WIDE MUST BE PROVIDED AT THE NOSE END AND AT THE BASE END OF THE BOMBS.
- 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 BOMBS WITHIN THAT UNIT, HOWEVER, ALL BOMBS AND 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 MORE PALLET UNITS, PROVIDING THE
  CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
- 6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE. BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE. ( CONTINUED AT RIGHT )

#### ( SPECIAL NOTES CONTINUED )

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, 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 LOCATION". BY FORKLIFT TRUCKS COMMONLY USED IN STORAGE MAGAZINES. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE 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 66" INCHES WIDE. AN AISLE SLIGHTLY WIDER THAN 66" INCHES WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE WIDER IF A LOSS IN STORAGE RESULTS.

TYPICAL MULTIPLE-LOT STORAGE IN IGLOO AND ARCH TYPE MAGAZINES

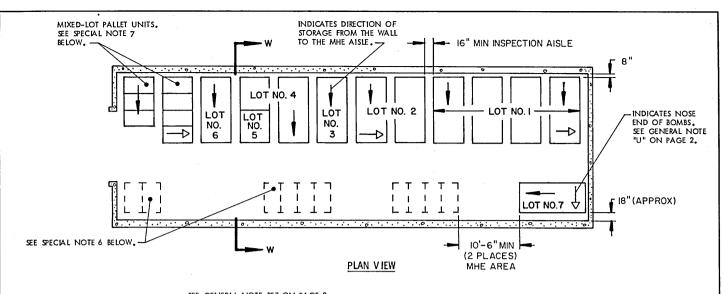


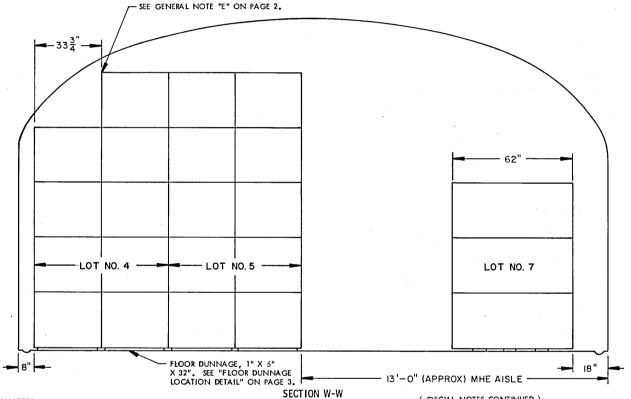


PAGE 20

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- AN INSPECTION AISLE NOT LESS THAN 16" WIDE MUST BE PROVIDED AT THE NOSE END AND AT THE BASE END OF THE BOMBS.
- 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 OR AS SHOWN BY DOTTED LINES. SINCE THE UNITS TO BE STORED HAVE ONLY 2-WAY ENTRY PALLETS, A CENTER AISLE WILL BE REQUIRED IN THE REAR AREA TO THE EXTENT NECESSARY TO ASSURE ACCESS TO EACH LOT FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE CENTERIA NOTES ON BACES 2 NOTES AND IN THE GENERAL NOTES ON PAGE 2.
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- FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDE WALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.

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





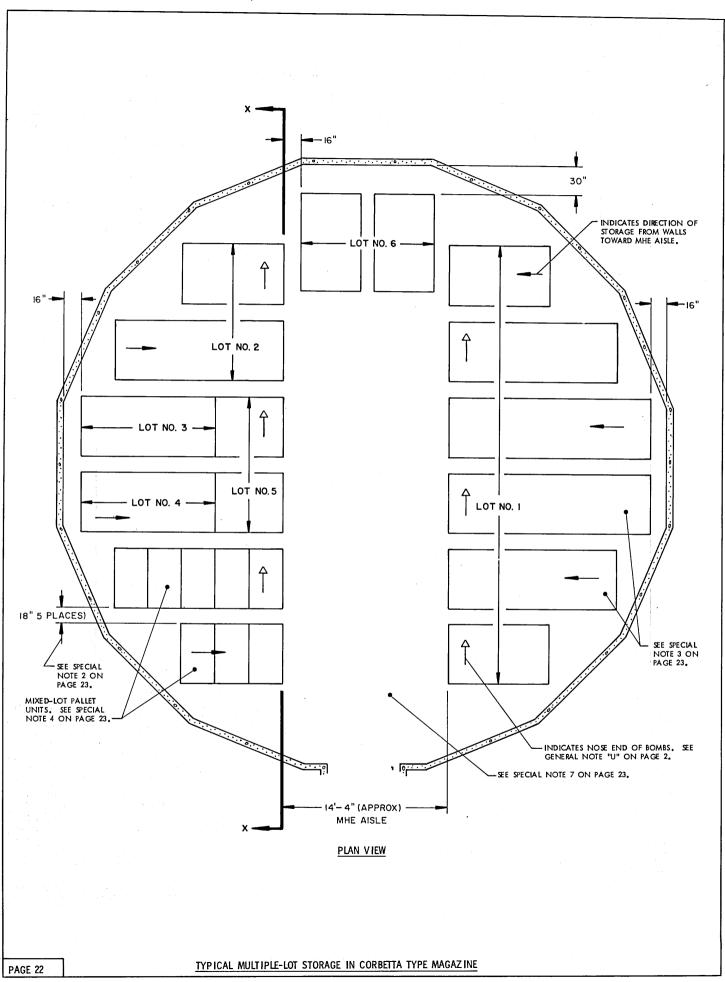
# ( SPECIAL NOTES CONTINUED )

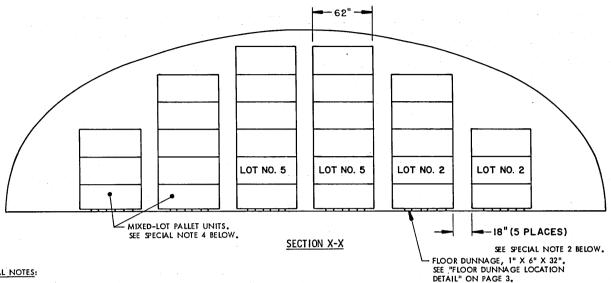
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- 5. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
  - ( CONTINUED AT BIOUT )
- AREAS INCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED OR WHERE 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 4, 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. A 10'-6" 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 66" WIDE, AN AISLE SLIGHTLY WIDER THAN 66" WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.
- 7. A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UP-WARDS TO AS MANY DIFFERENT LOTS AS BOMBS WITHIN THAT UNIT. HOWEVER, ALL BOMBS AND LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

( CONTINUED AT RIGHT )

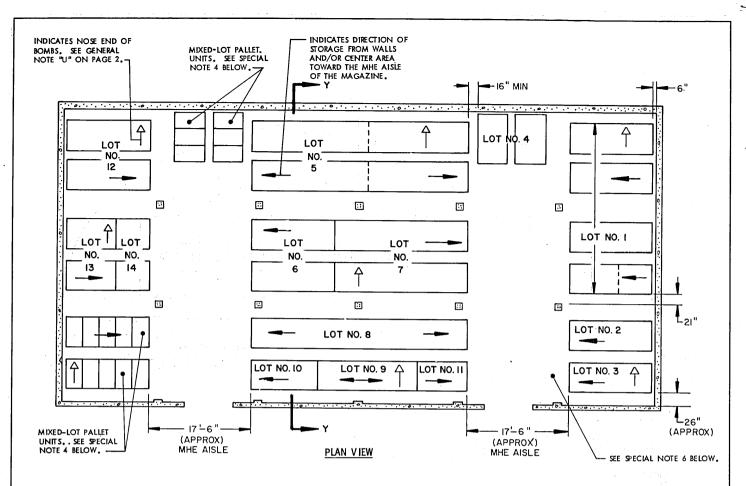
TYPICAL MULTIPLE-LOT STORAGE IN STRADLEY AND OVAL ARCH TYPE MAGAZINES

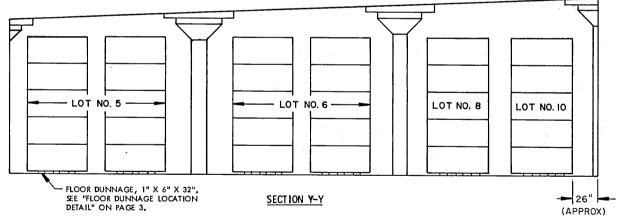
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- SPECIAL NOTES:
- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ARE TYPICAL ONLY: ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE
- AN INSPECTION AISLE NOT LESS THAN 16" WIDE MUST BE PROVIDED AT THE NOSE END AND AT THE BASE END OF THE BOMBS.
- 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 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 DECIFIED 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 BOMBS WITHIN THAT UNIT. HOWEVER, ALL BOMBS AND LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.
- 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 MORE PALLET UNITS, 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.
- 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 19 AND 21 FOR THE "ADDITIONAL STORAGE LOCATIONS" ( SHOWN BY DOTTED LINES ). ADEQUATE SPACE FOR MHE OPERATION, AS DESCRIBED ON PAGES 19 AND 21, 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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- THE STORAGE PLANS AND CONFIGURATIONS SHOWN ARE TYPICAL ONLY, ADAPTATIONS MAY BE MADE AS NUMBER AND SIZES OF LOTS TO BE STORED IN MAGAZINE REQUIRE.
- AN INSPECTION AISLE NOT LESS THAN 16" WIDE MUST BE PROVIDED AT THE NOSE END AND AT THE BASE END OF THE BOMBS.
- GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SENERALLY, THE LARGEST LOT SHOULD BE STOKED IN THE REAK OK 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 ON THE LEFT SIDE AND 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.
- A MIXED-LOT PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS BOMBS WITHIN THAT UNIT. HOWEVER, ALL BOMBS AND LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

( CONTINUED AT RIGHT )

### ( SPECIAL NOTES CONTINUED )

- 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 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 PALLET UNITS, PROVIDING THE CAPACITY OF MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
- THE MHE AISLE MAY BE USED TO STORE ONE OR MORE STACKS OF ADDITIONAL 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 19 AND 21 FOR THE "ADDITIONAL STORAGE LOCATIONS" ( SHOWN BY DOTTED LINES ). ADEQUATE SPACE FOR MHE OPERATION, AS DESCRIBED ON PAGES 19 AND 21, 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.

TYPICAL MULTIPLE-LOT STORAGE IN RECTANGULAR MAGAZINE