STORAGE IN APPROVED MAGAZINES OF HARPOON GUIDED MISSILE, AGM-84A (WITH OR WITHOUT WINGS AND FINS), PACKED 2 PER MK607 MOD O SHIPPING AND STORAGE CONTAINER

INDEX

ITEM	PAGE(S)
GENERAL NOTES, AND MATERIAL SPECIFICATIONS	- 2 - 3
STORAGE PROCEDURES (EARTH COVERED MAGAZINES):	
81'-0", 60'-8" AND 40'-4" L X 26'-6" W X 12'-9" H IGLOD MAGAZINES 81'-2" L X 26'-6" W X 12-1-3/4" H ARCH TYPE MAGAZINE	
80'-0" AND 40'-0" L X 25'-0" W X 12'-1-3/4" H ARCH TYPE MAGAZINES	8,9
80'-0" AND 40'-0" L X 25'-0" W X 11'-0" H ARCH TYPE MAGAZINES 80'-0" AND 40'-0" L X 25'-0" W X 10"-0" H ARCH TYPE MAGAZINES	12,13
80'-0" L X 25'-0" W X 14'-0" H STRADLEY MAGAZINE 89'-0" L X 24'-11" W X 13'-6" H STEEL ARCH MAGAZINE	14,15
52'-0" DIA CORBETTA MAGAZINE	18,19
100'-8" L X 50'-0" W RECTANGULAR MAGAZINE	20,21

U.S. ARMY MATERIEL COMMAND DRAWING					
APPROVED. U.S. ARMY INDUSTRIAL OPERATIONS COMMAND	DRAFTSMAN INGEBORG DEF			PPE	
Davida Perhoril	ENGINEER M. DAEUMER				
AMSTA-AR-ESK	SUPPLY E		The-	mas I Hakiri	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND	LOGISTICS ENGINEERING William F East				
William F Ernst	JUNE 1997				
DEFENSE AMMUNITION CENTER	CLASS	DIVIZION	DRA	AWING	FILE
	19	48	81	634	SP 1-3-4-14 -22 J 36
		L			

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 THE HARPDON GUIDED MISSILE AGM-84A (WITH DR WITHOUT WINGS AND FINS), PACKED 2 PER MK 607 MOD O CONTAINER. SUBSEQUENT REFERENCE TO CONTAINER MEANS THE MK 607 CONTAINER WITH CONTENTS. FOR DETAILS OF THE CONTAINER SEE NAVAL WEAPONS HANDLING CENTER DATA RELEASE SHEET NO. 0506 AND THE PICTORIAL VIEW IN PAGE 3.

CONTAINER DIMENSION - - - - - 168" L X 38" W X 32.62" H STACKING HEIGHT - - - - - - 28.5" GROSS WEIGHT - - - - - - - 3,175 POUNDS (APPROX) CUBE - - - - - - - - - - - 120.5 CUBIC FEET (APPROX)

CAUTION: THIS ITEM IS IN A "PROPULSIVE STATE" AND MUST BE STORED WITH THE FORWARD END FACING TOWARD A SIDEWALL OR THE REAR WALL AS INDICATED BY THE DIRECTIONAL ARROWS IN THE STORAGE VIEWS. ADDITIONALLY, CONTAINERS MUST NOT BE STACKED MORE THAN THREE (3) CONTAINERS HIGH.

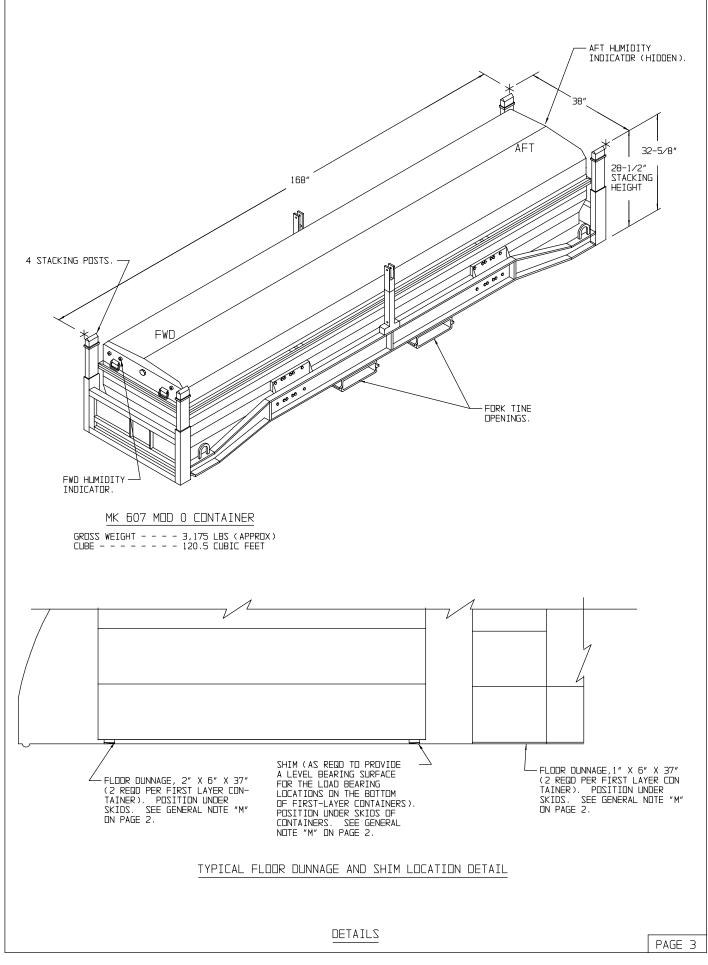
- C. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR STORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES DEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE CONTAINERS IN OTHER TYPES OF APPROVED MAGAZINES. MINDR ADJUSTMENTS MAY BE MADE 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.
- E. STORED CONTAINERS MUST NOT CONTACT THE WALLS OF A MAGAZINE. THEREFORE, CONTAINERS 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 REGUIREMENT, CONTAINERS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- F. AISLE DIMENSIONS SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT (ME). HOWEVER, A 24" MINIMUM AISLE MUST BE MAINTAINED AT BOTH ENDS OF EACH CONTAINER FOR INSPECTION OF HUMIDITY INDICATORS LOCATED ON BOTH THE FORWARD AND AFT ENDS OF THE CONTAINERS.
- G. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED BY LOCAL STANDARDS WILL NOT BE EXCEEDED.
- H. IF AVAILABLE MHE PERMITS, ADDITIONAL CONTAINERS MAY BE STORED WITHIN THE MHE 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 TWO
 UPPER CONTAINERS ARE HANDLED AS DNE 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 CONTAINERS AS ONE LIFT.
- K. IF THE QUANTITY OF CONTAINERS 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. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.

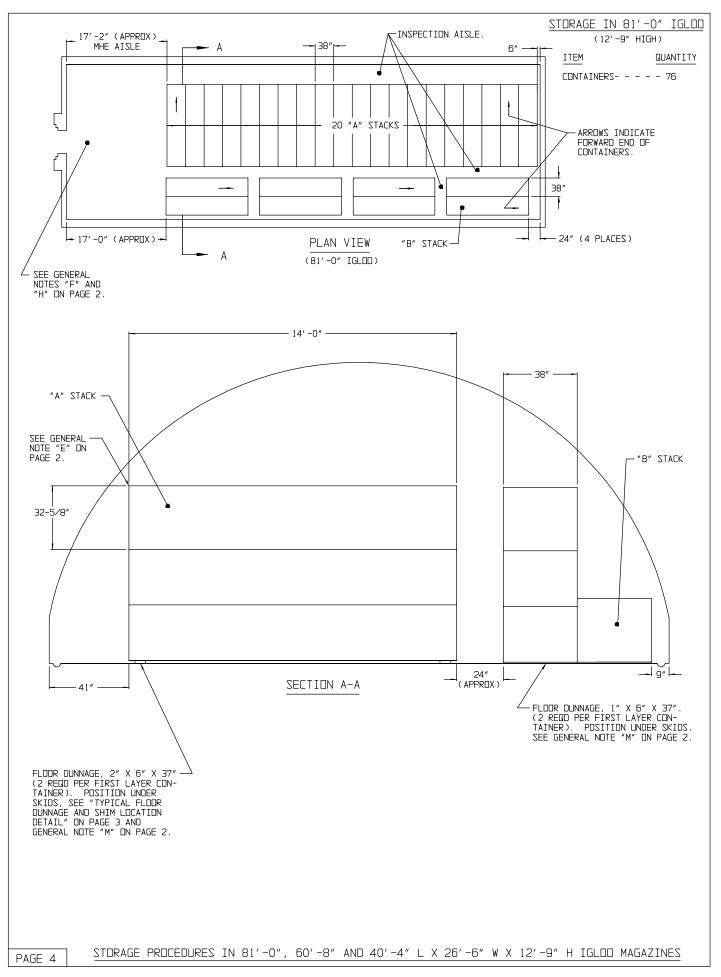
(CONTINUED AT RIGHT)

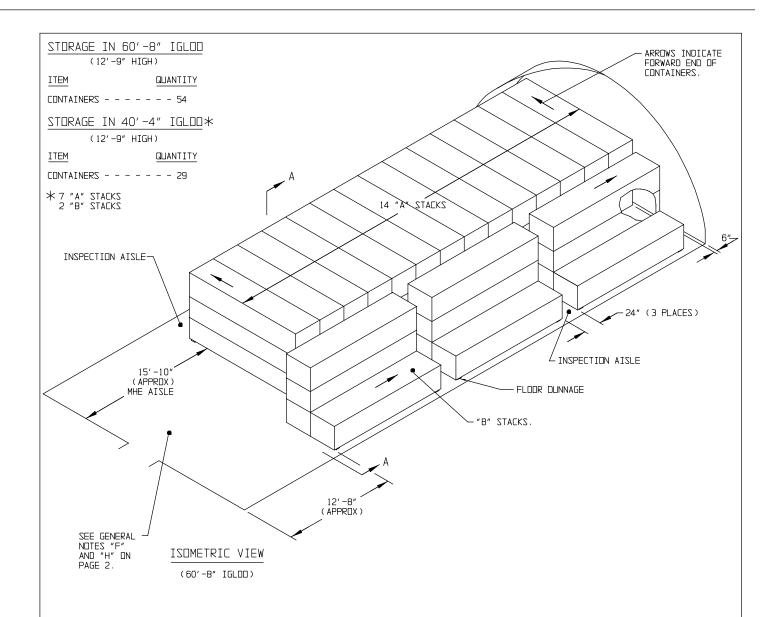
MATERIAL SPECIFICATION

(GENERAL NOTES CONTINUED)

- M. THE USE OF NOMINAL SIZE 1" X 6" X 37" OR 2" X 6" X 37" FLOR DUNNAGE UNDER EACH END OF EACH FIRST-LAYER CONTAINER IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAWING. THE PURPOSE OF FLODR DUNNAGE IS TO HELP KEEP THE RUNNERS OF A CONTAINER 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. IN IGLOO, ARCH TYPE AND STRADLEY MAGAZINES WHICH HAVE FLOORS SLOPING TOWARD THE SIDEWALLS, THE DEPICTED STORAGE PATTERNS INCLUDE CONTAINER-STACKS WHICH STRADDLE THE RIDGE OF THE FLOOR AT THE CENTER OF THE MAGAZINE. IT WILL BE NECESSARY THEREFORE, TO USE 2" THICK MATERIAL FOR FLOOR DUNNAGE UNDER THESE STACKS TO PREVENT THE BOTTOM OF THE FORKLIFT TINE POCKETS FROM CONTACTING THE CONCRETE FLOOR. STACK STABILIZING DUNNAGE IN THE FORM OF SHIMS WILL BE USED IF REQUIRED TO ACHIEVE SOUND AND ACCEPTABLE STACKS FORM THE FLOOR TO THE TOP OF THE STACK. SHIM MATERIAL OF VARYING THICKNESSES OR THICKER FLOOR DUNNAGE WILL BE USED AS REQUIRED UNDER THE LODD BEARING LOCATIONS AT THE ENDS OF THE FIRST-LAYER CONTAINERS. SEE THE "FLOOR DUNNAGE AND SHIM LOCATION DETAIL" ON PAGE 3 FOR A TYPICAL INSTALLATION.
- N. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.

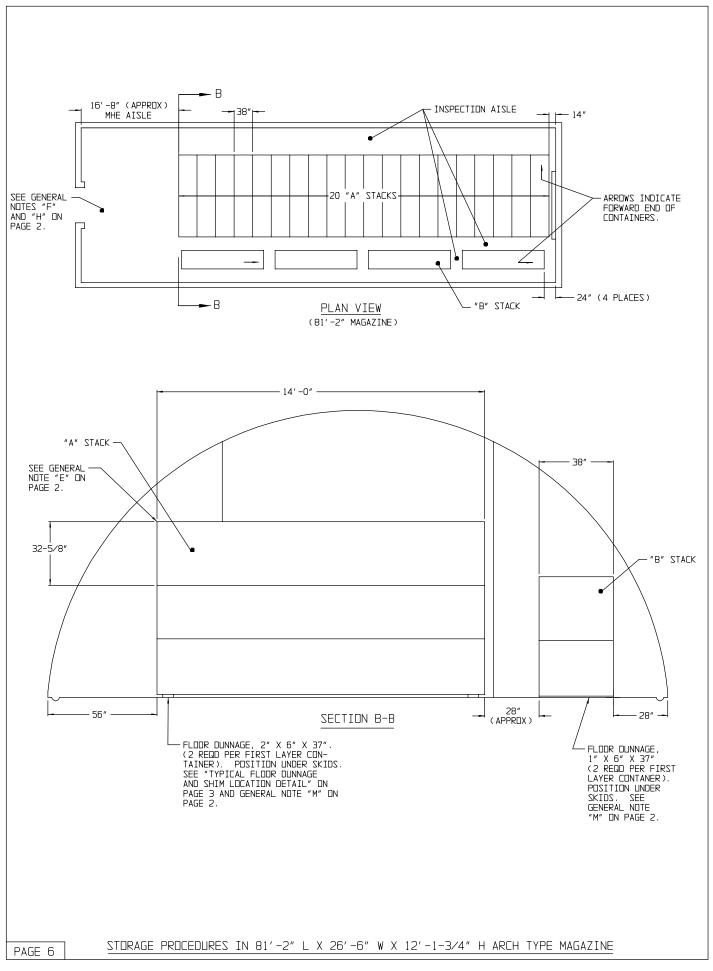


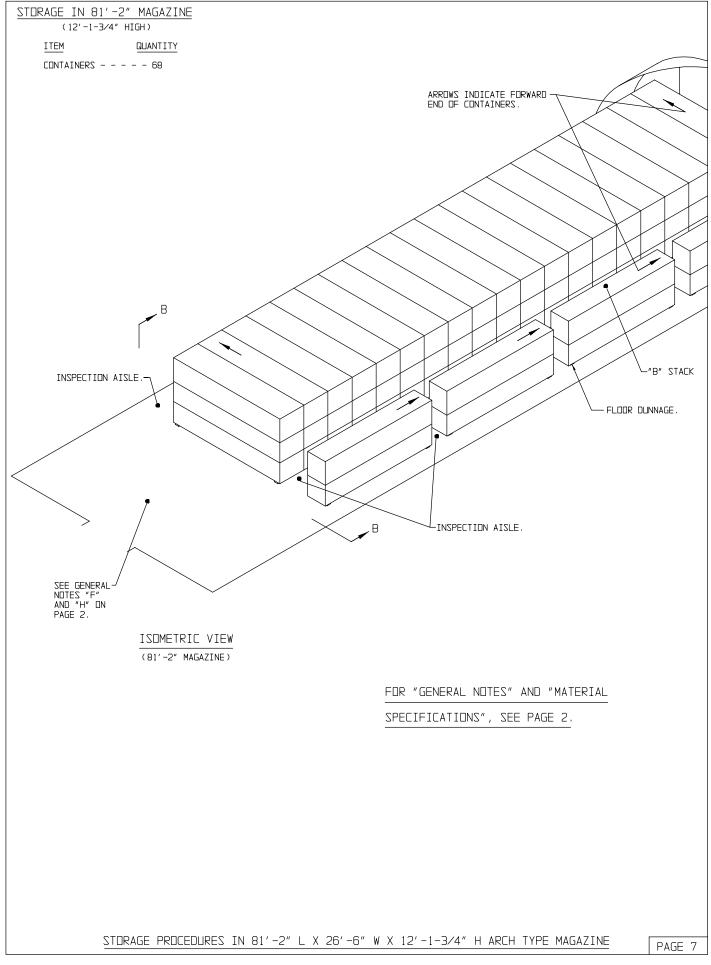


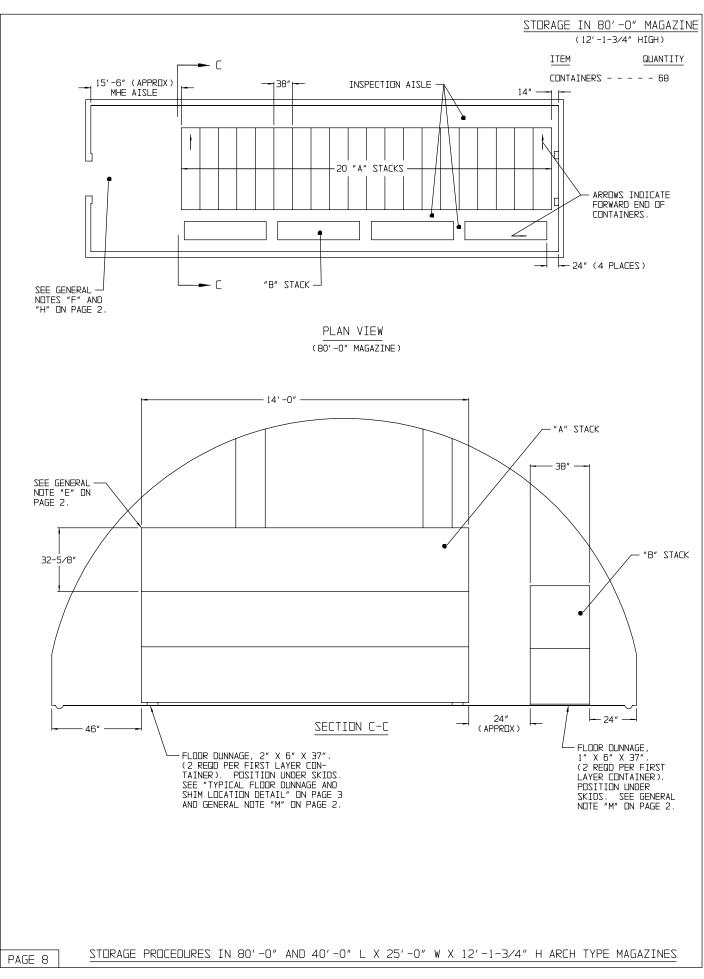


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

STORAGE PROCEDURES IN 81'-0", 60'-8" AND 40'-4" L X 26'-6" W X 12'-9" H IGLOD MAGAZINES







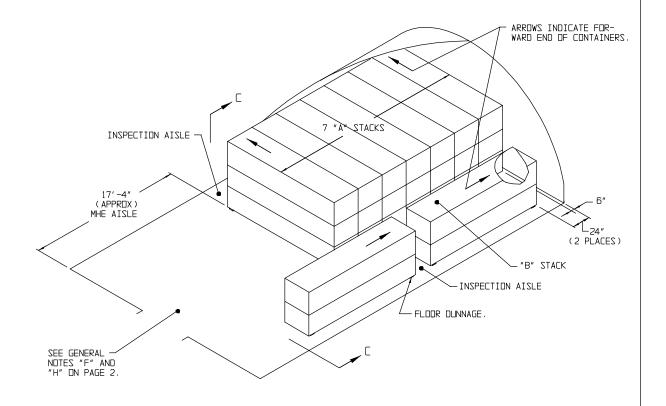
STORAGE IN 40'-0" MAGAZINE

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

ITEM

QUANTITY

CONTAINERS - - - - - - 25

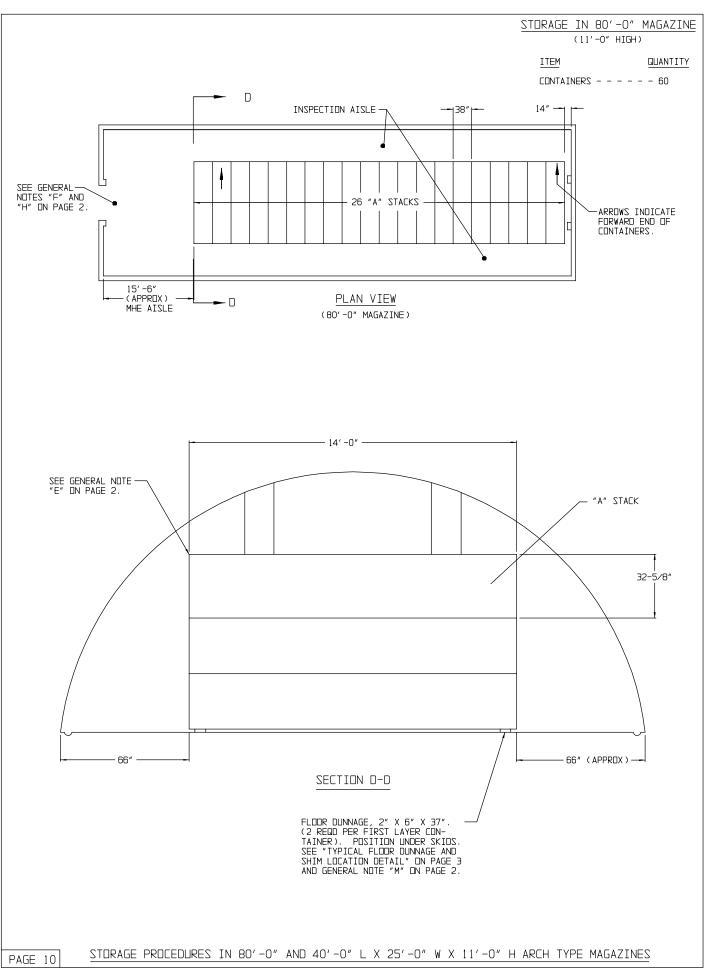


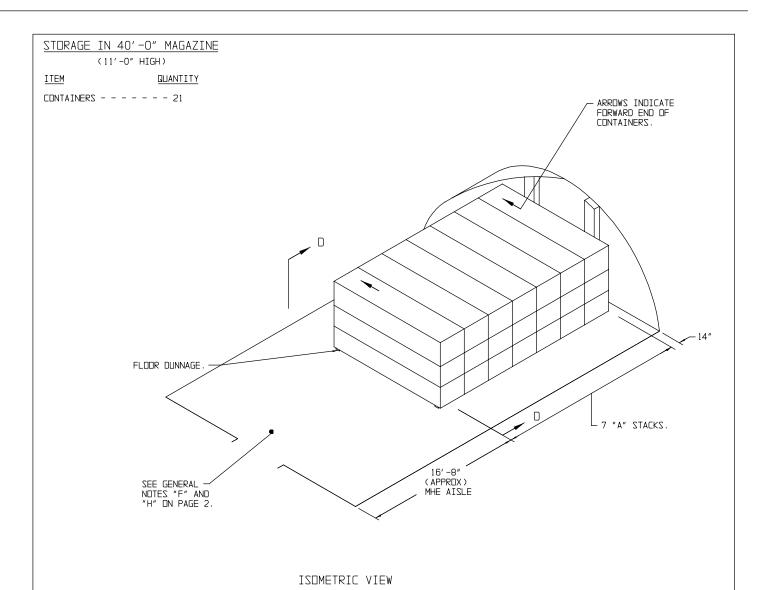
ISOMETRIC VIEW (40'-0" MAGAZINE)

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

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

PAGE 9

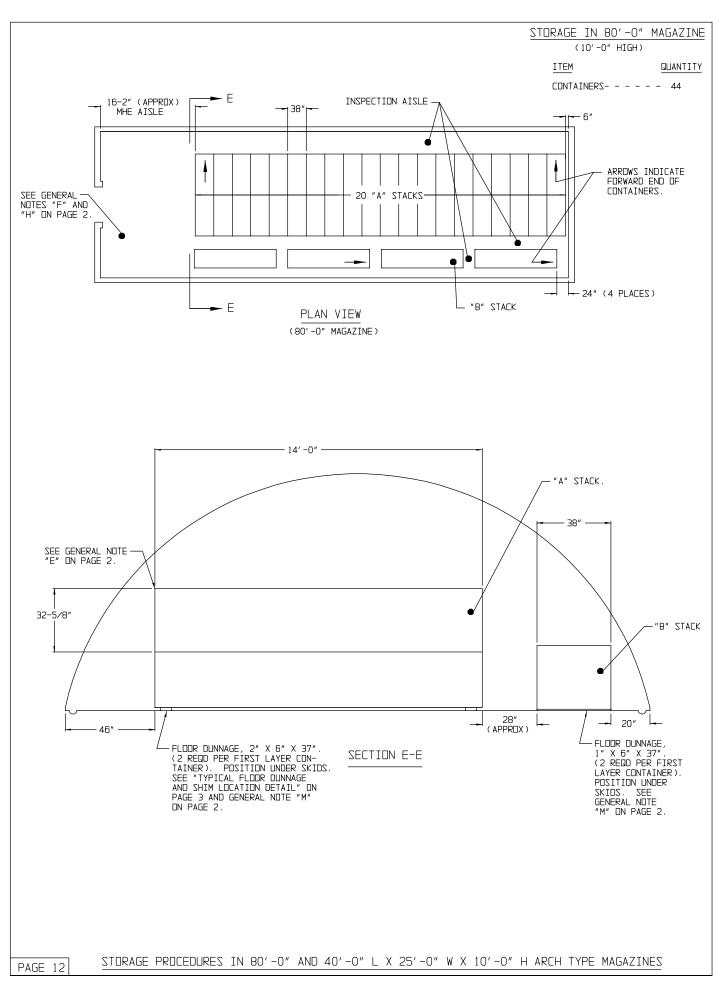




FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

STORAGE PROCEDURES IN 80'-0" AND 40'-0" L X 25'-0" W X 11'-0" H ARCH TYPE MAGAZINES

(40'-0" MAGAZINE)

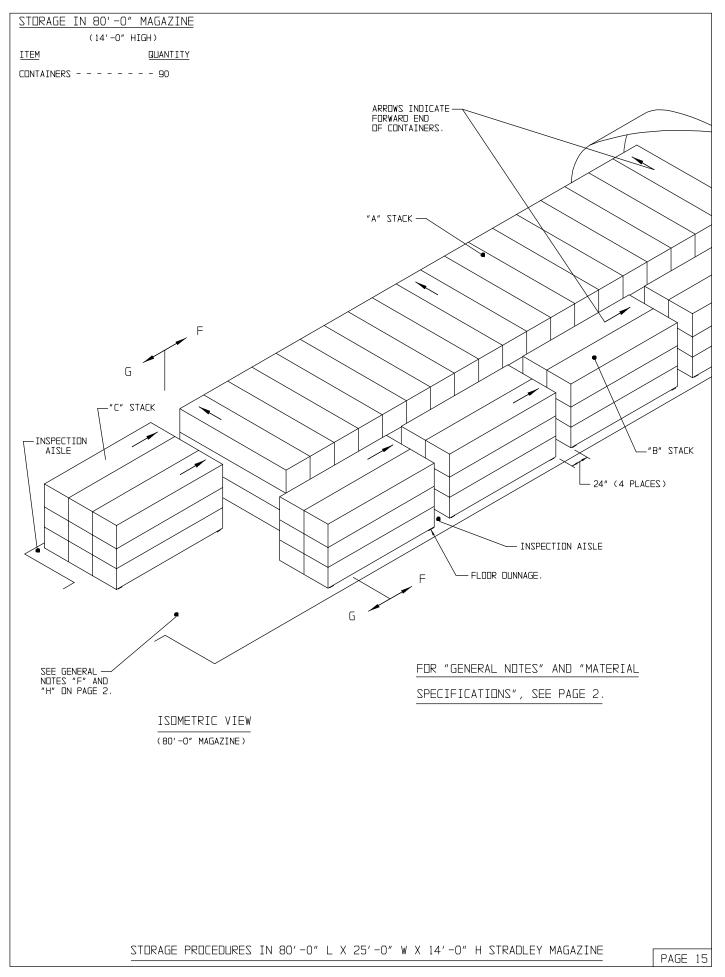


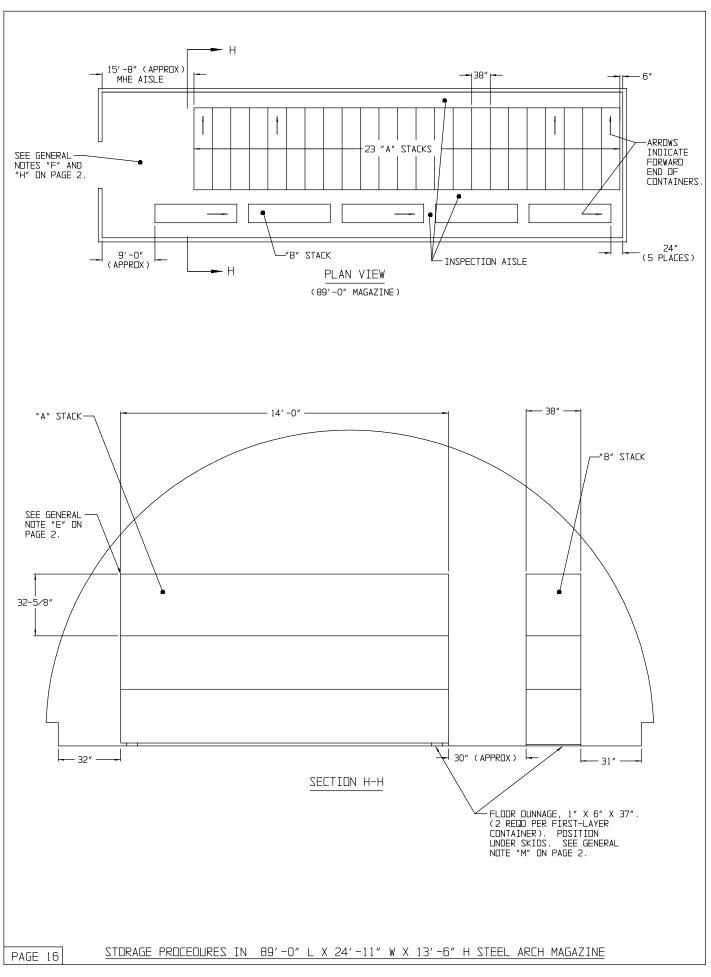
ISOMETRIC VIEW (40'-0" MAGAZINE)

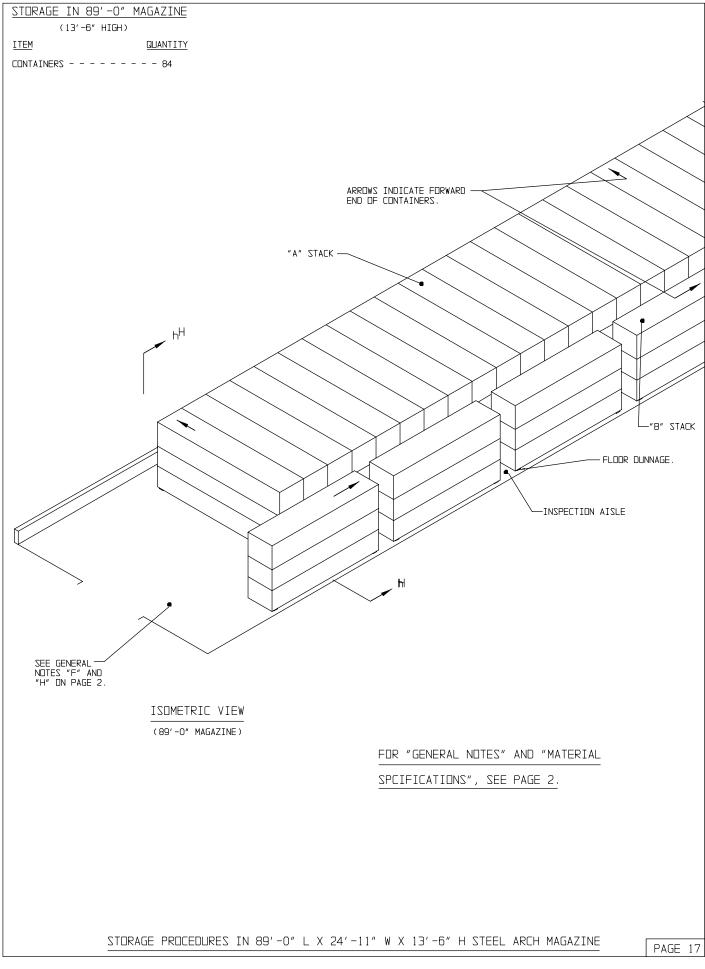
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

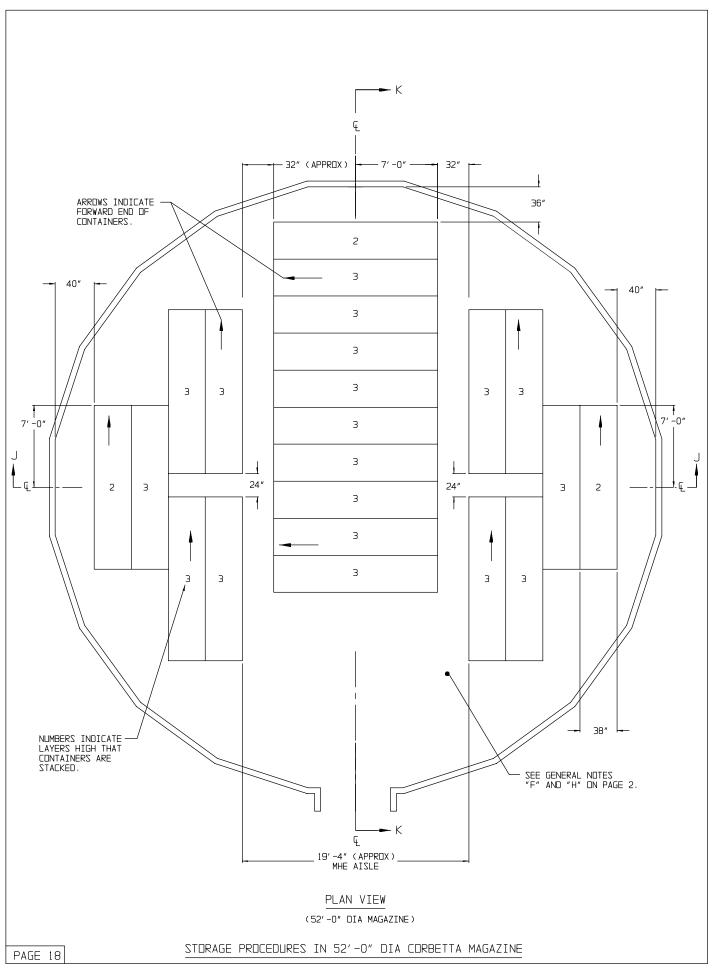
STURAGE PROCEDURES IN 80'-0" AND 40'-0" L X 25'-0" W X 10'-0" H ARCH TYPE MAGAZINES

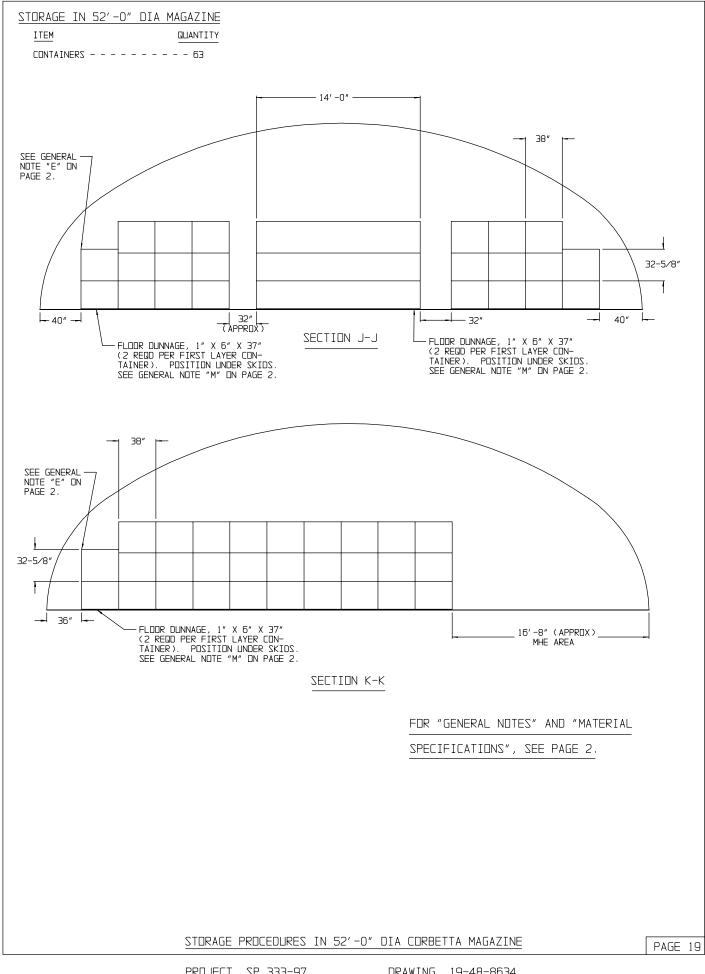
PAGE 13

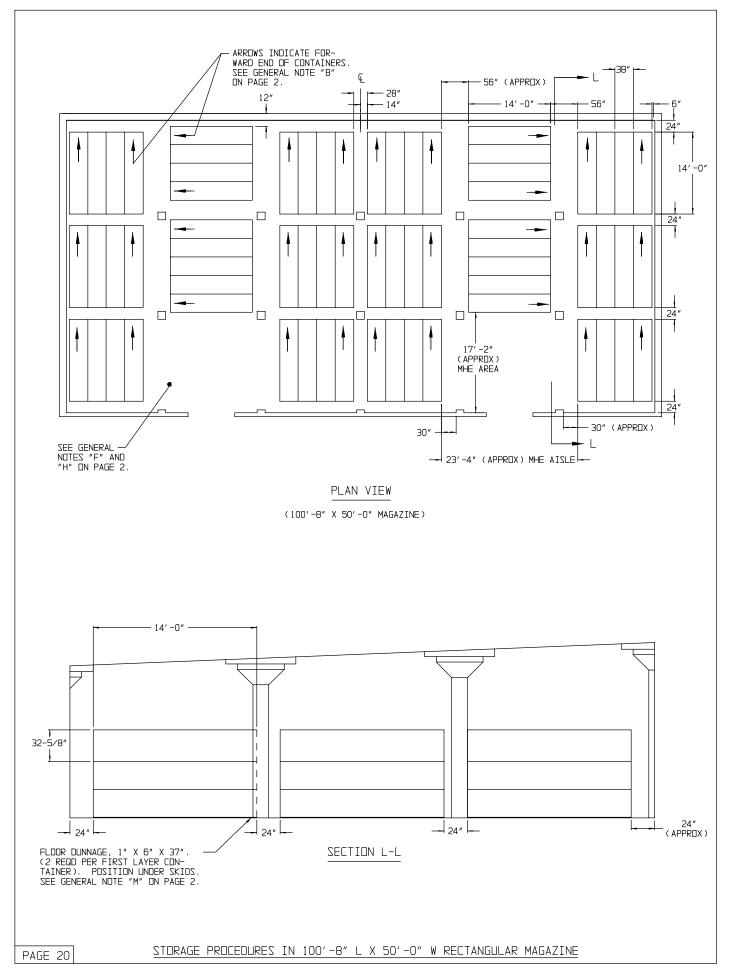


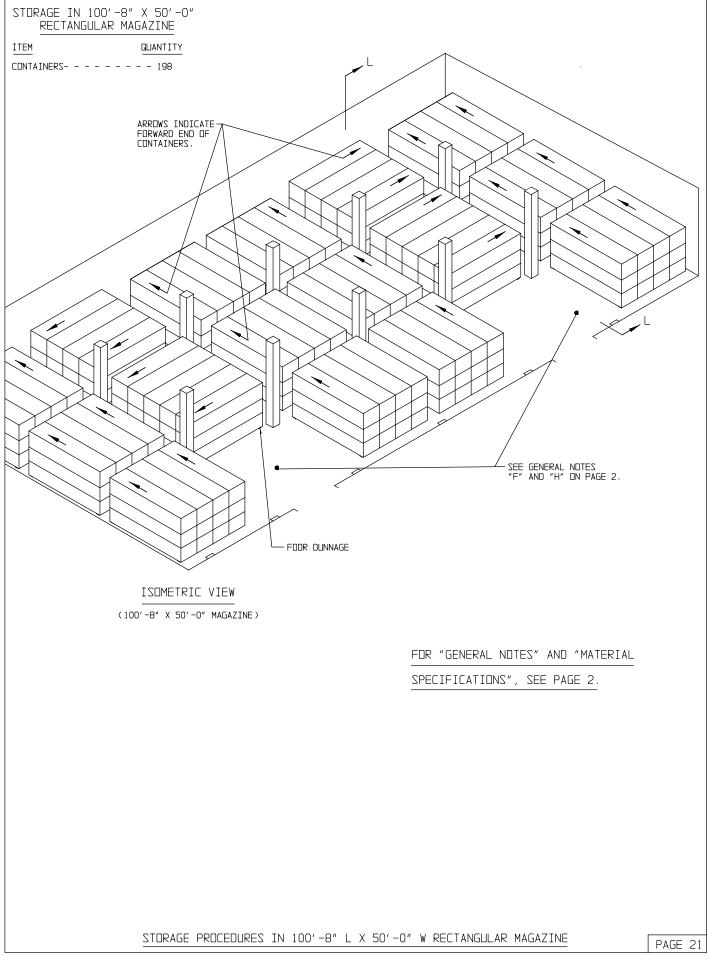












D. 65		
PAGE 22		
	•	