STORAGE IN APPROVED MAGAZINES OF CHARGE, DEMOLITION, LINEAR, HE M58A3 AND INERT M68A2, IN METAL SHIPPING AND STORAGE CONTAINER

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U.S. ARMY MATERIEL COMMAND DRAWING				
APPROVED, U.S. ARMY INDUSTRIAL OPERATIONS COMMAND	DRAFTSMA	AN	D. WHITMORE	
David a Perkouk	ENGINEER	₹	M. DAEUMER	
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SEE REVISION LISTING ON PAGE 2	10	70	7210	22 J1010

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 LINEAR DEMOLITION CHARGES, HE M58A3 AND INERT M68A2, IN METAL SHIPPING AND STORAGE CONTAINER. SUBSECUENT REFERENCE TO CONTAINER MEANS THE SHIPPING AND STORAGE CONTAINER WITH CONTENTS.
- C. FOR DETAIL OF THE SHIPPING AND STORAGE CONTAINER, SEE THE DETAIL ON PAGE 3.

CONTAINER DIMENSIONS - - -: 6'-11-1/4" LONG X 53-3/4" WIDE X 24-3/4" HIGH.

GROSS WEIGHT (APPROX):
WITH HE COMP C4, M58A3 CHARGE, DODIC M913 - 2,900 LBS
WITH INERT, M68A2 CHARGE, DODIC M914 - - - 2,790 LBS

CUBE - - - - - - - - - - - 64.1 CUBIC FEET

- D. THIS ITEM, WHEN M58A3 CHARGE, IS A OD CLASS 1.1, COMP GROUP D EXPLOSIVE, WHEN AN M68A2 CHARGE, IS INERT. TO PERMIT STORAGE OF THESE ITEMS, THE MAGAZINE MUST HAVE A DOOR OPENING NOT LESS THAN 5'-0" WIDE. HOWEVER, A 7'-6" OR WIDER OPENING WILL FACILITATE HANDLING OPERATIONS. SEE GENERAL NOTE "P" BELOW.
- E. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR STORAGE IN VARIOUS TYPES AND SIZES OF MAGAZINES. THE STORAGE PROCEDURES DEPICTED FOR THE SPECIFIC TYPES OF MAGAZINES MAY ALSO BE UTILIZED TO STORE PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOLLOWED. SEE GENERAL NOTE "M" RFI OW.
- F. AISLE DIMENSIONS AS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND/OR AVAILABLE MATERIALS HANDLING FOURMENT.
- G. <u>CAUTION</u>: 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 "N".
- H. COVER SPANNER DUNNAGE, 2" X 6" X 54", AS DEPICTED IN THE STORAGE VIEWS, IS REQUIRED BETWEEN LAYERS UNDER EACH END OF EACH CONTAINER
- J. IF AVAILABLE MHE PERMITS, ADDITIONAL CONTAINERS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- K. STORED CONTAINERS MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, CONTAINERS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- L. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- M. TO FACILITATE MHE PLACEMENT OF CONTAINERS INTO STACKS, A 1" TO 2" SPACE BETWEEN CONTAINERS WAS ALLOWED IN THE STORAGE LAYOUTS SHOWN HEREIN.
- N. IF THE QUANTITY OF CONTAINERS FOR A DEPICTED 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
 OMITTING LAYERS. SEE GENERAL NOTE "L".
- O. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENT MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4 MM, AND ONE POUND EQUALS 0.454 KG.

(CONTINUED AT RIGHT)

MATERIAL SPECIFICATIONS

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

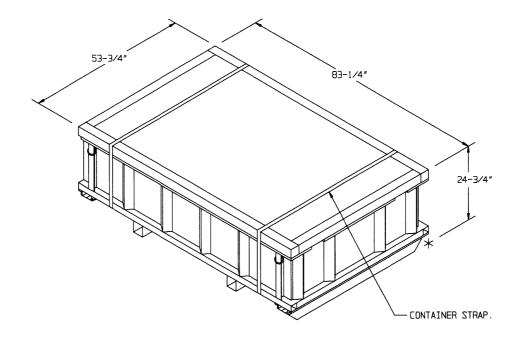
(GENERAL NOTES CONTINUED)

P. MAGAZINES WITH DOOR OPENINGS LESS THAN 7'-6" WIDE WILL REQUIRE END-HANDLING OF THE CONTAINERS THRU THE DOORWAY. SINCE THE DEPICTED CONTAINER DOES NOT HAVE BUILT-IN PROVISIONS FOR END-HANDLING, IT CAN BE PLACED ON BLOCKS OR OTHERWISE ELEVATED SUFFICIENTLY TO PERMIT PLACEMENT OF THE TINES OF TWO FORKLIFT TRUCKS OR PALLET JACKS UNDER THE SKIDS, AT BOTH ENDS OF THE CONTAINER AND THEN JOINTLY HANDLED THROUGH THE DOOR OPENING. OTHER METHODS AND EQUIPMENT, SUCH AS SECTIONS OF ROLLER CONVEYORS, ETC, MAY BE USED IF THEY PROVIDE FOR SAFE HANDLING OF THE CONTAINER THROUGH NARROWER DOOR OPENINGS.

REVISIONS

REVISION NO. 1, DATED NOVEMBER 1995, CONSISTS OF:

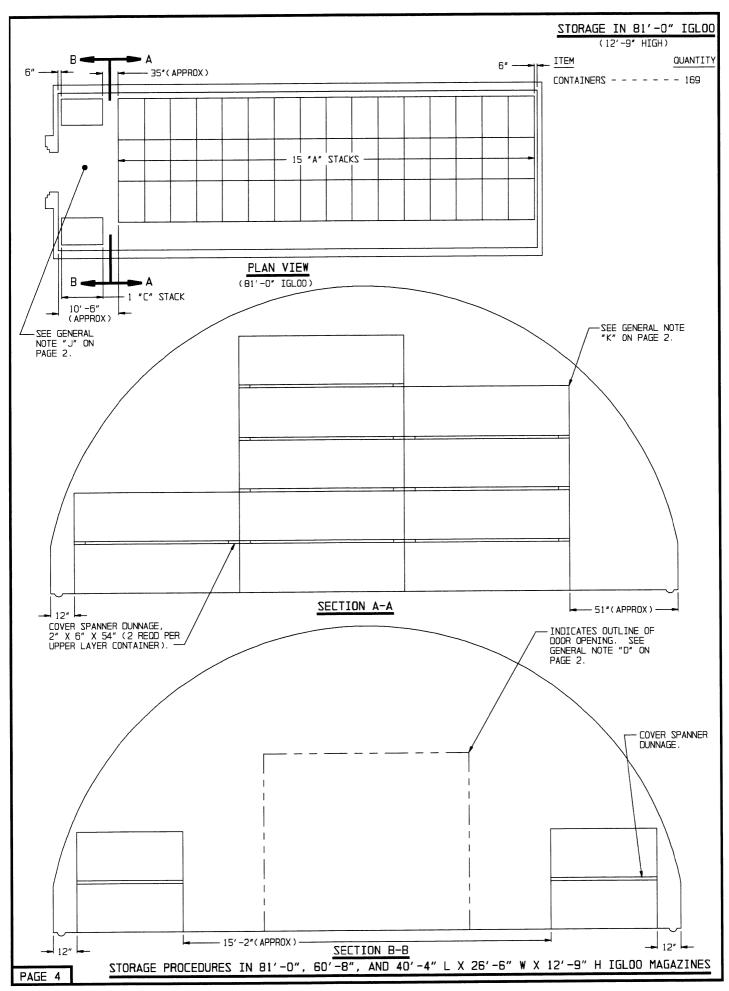
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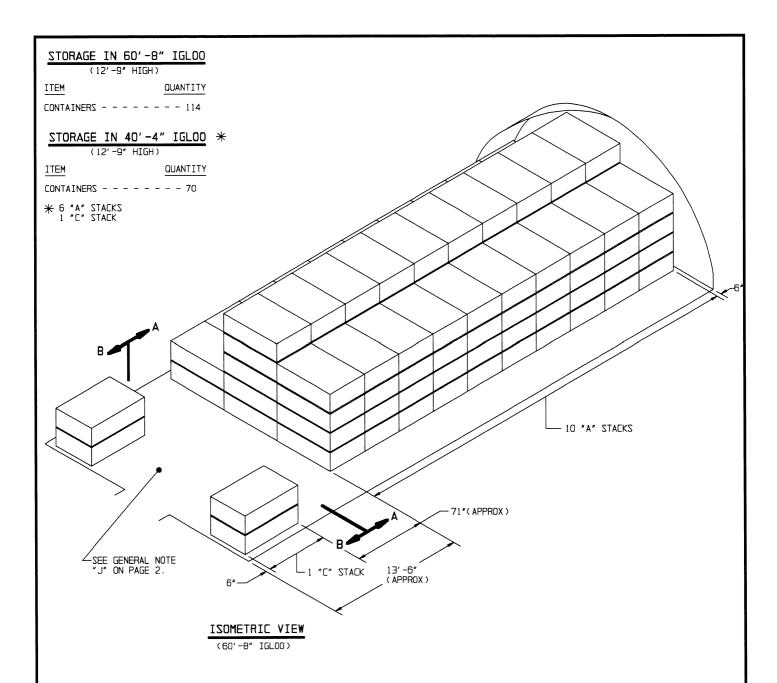


CONTAINER DETAIL

NOTE: CONTAINERS CANNOT BE STACKED UNLESS COVER SPANNER DUNNAGE IS PROVIDED UNDER SKIDS BETWEEN LAYERS.

CONTAINER DETAIL

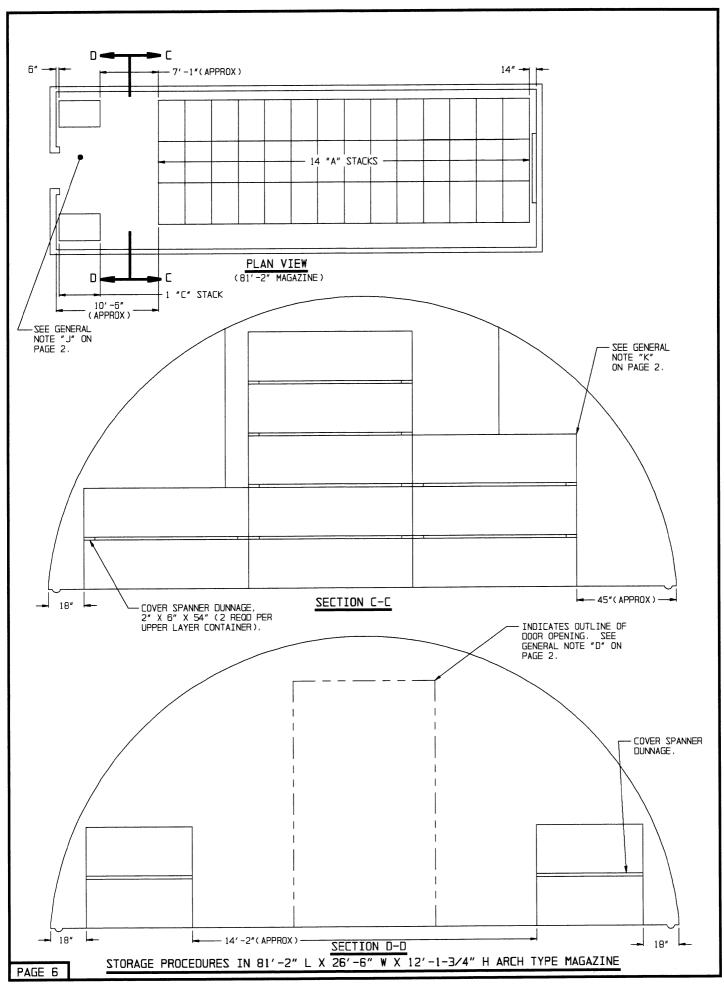


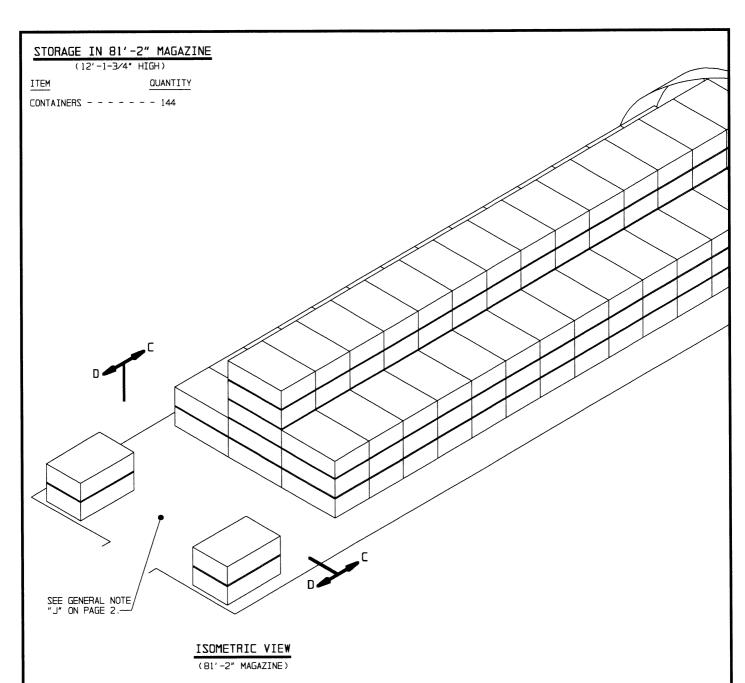


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATER	RIAL (PER UPPER	LAYER CONTAINER
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

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

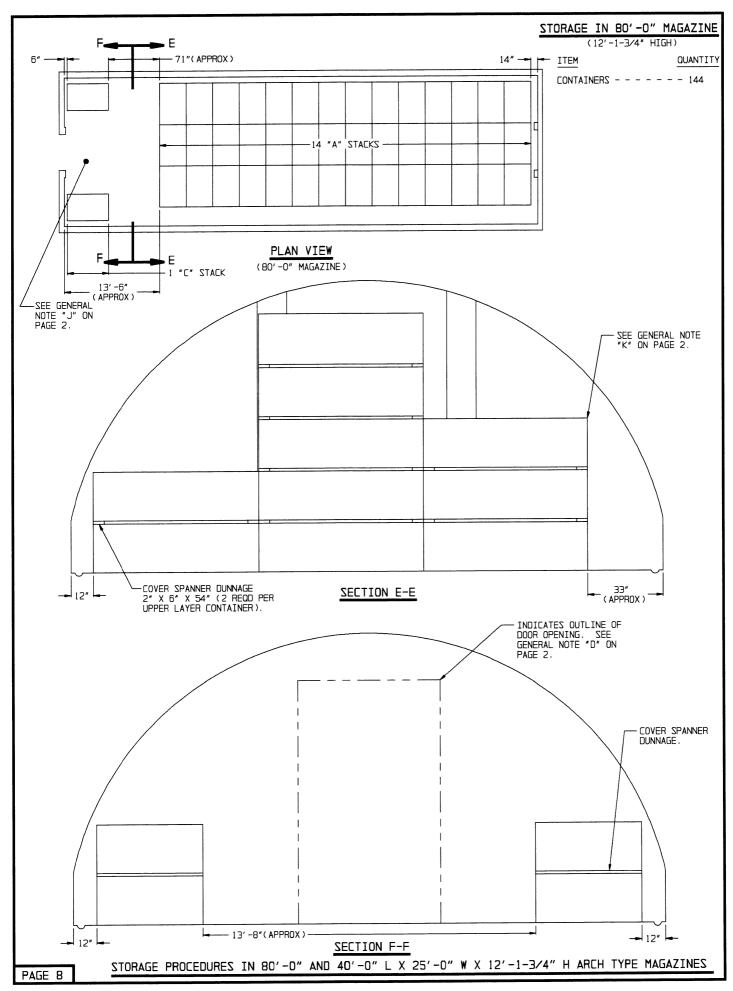




FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATE	RIAL (PER UPPER	LAYER CONTAINER)
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

STORAGE PROCEDURES IN 81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE



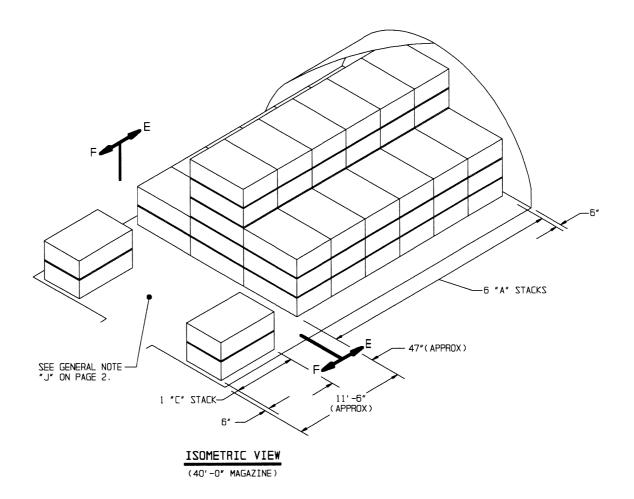
STORAGE IN 40'-0" MAGAZINE

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

ITEM

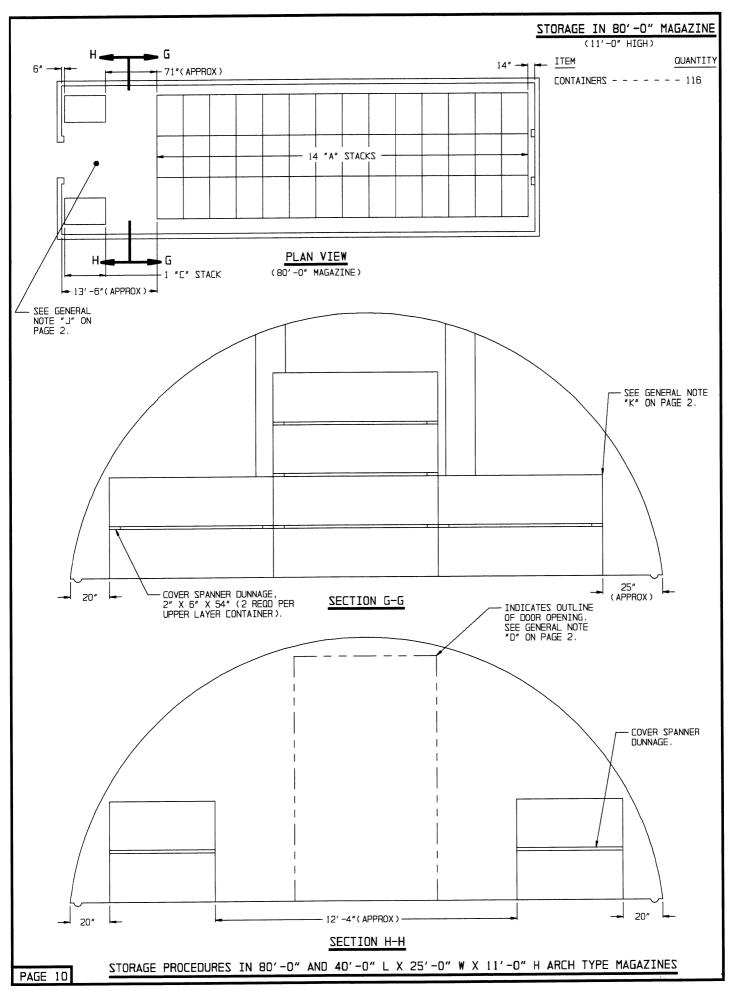
QUANTITY

CONTAINERS - - - - - 64



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

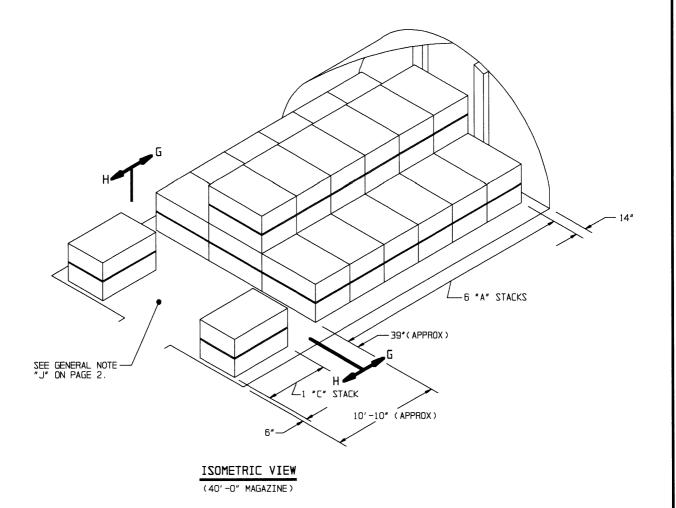
BILL OF MATER	RIAL	(PER UPPER	LAYER CONTAINER)
LUMBER	LI	NEAR FEET	BOARD FEET
2" X 6"		9	9



STORAGE IN 40'-0" MAGAZINE

(11'-0" HIGH)

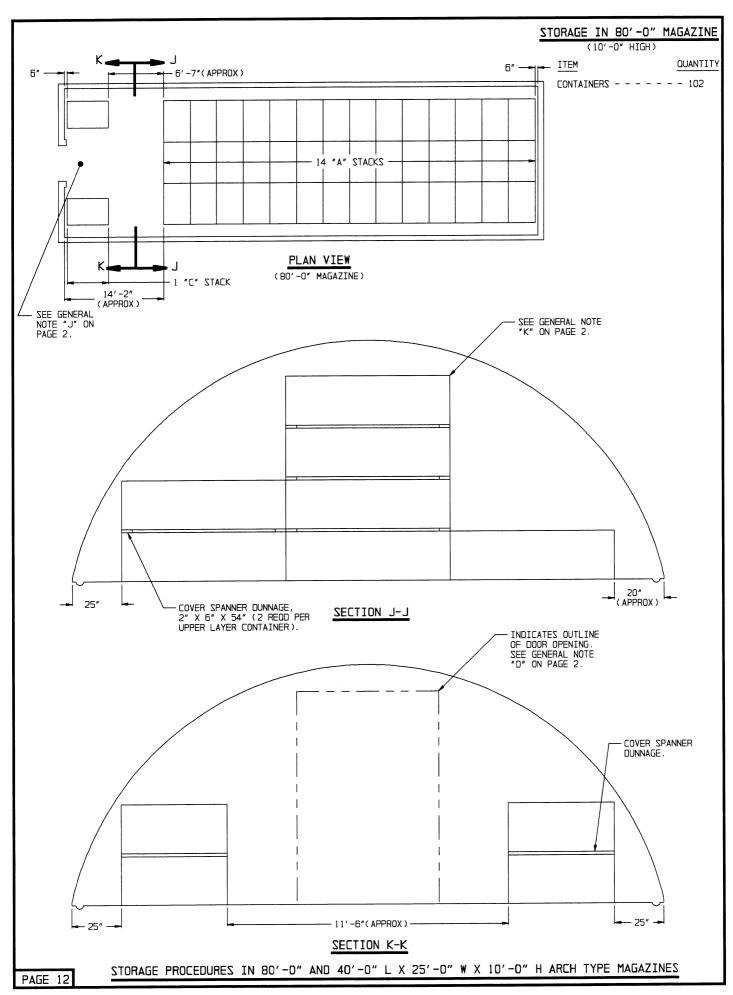
<u>OUANTITY</u>
CONTAINERS - - - - - 52



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

BILL OF MATER	RIAL (PER UF	PPER LAYER CONTAINER)
LUMBER	LINEAR FEE	T BOARD FEET
2" X 6"	9	9

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

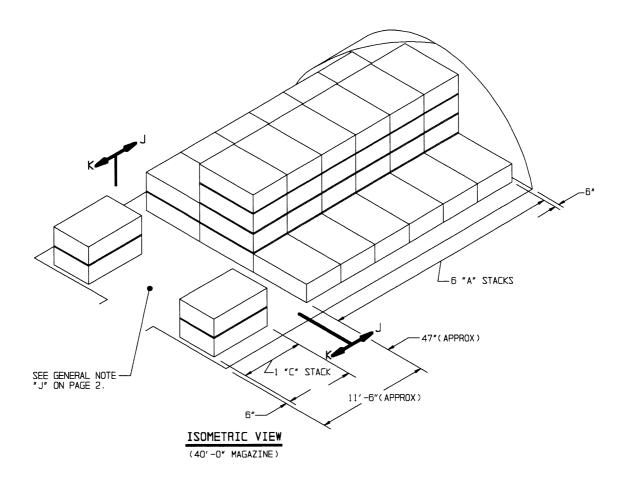


STORAGE IN 40'-0" MAGAZINE

(10'-0" HIGH)

ITEM QUANTITY

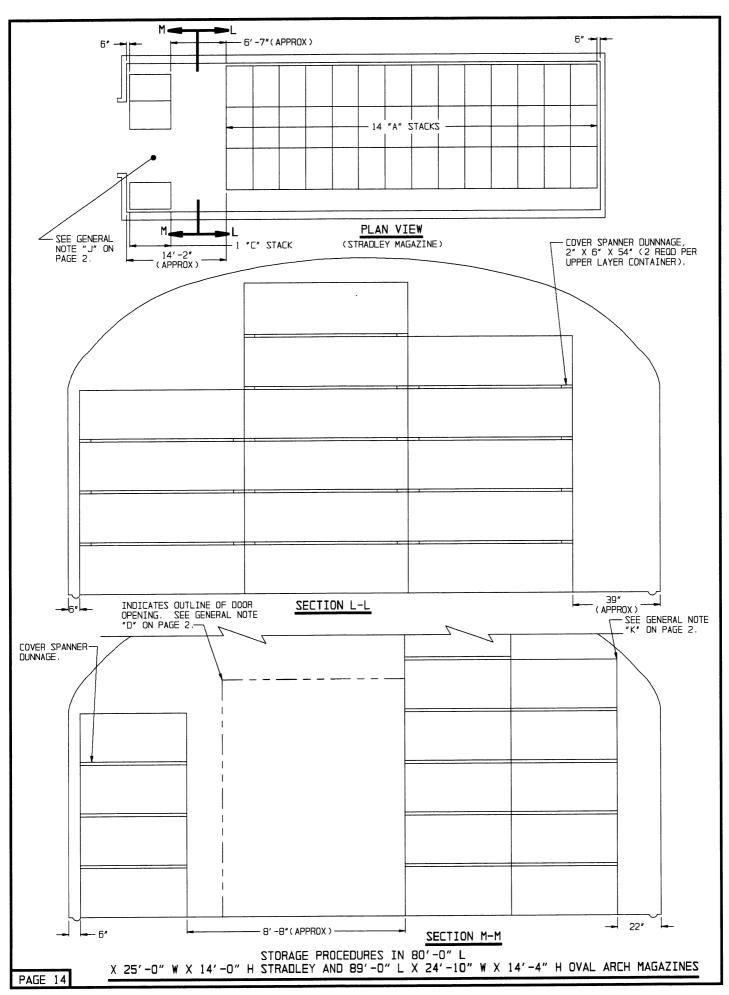
CONTAINERS - - - - - - - 46

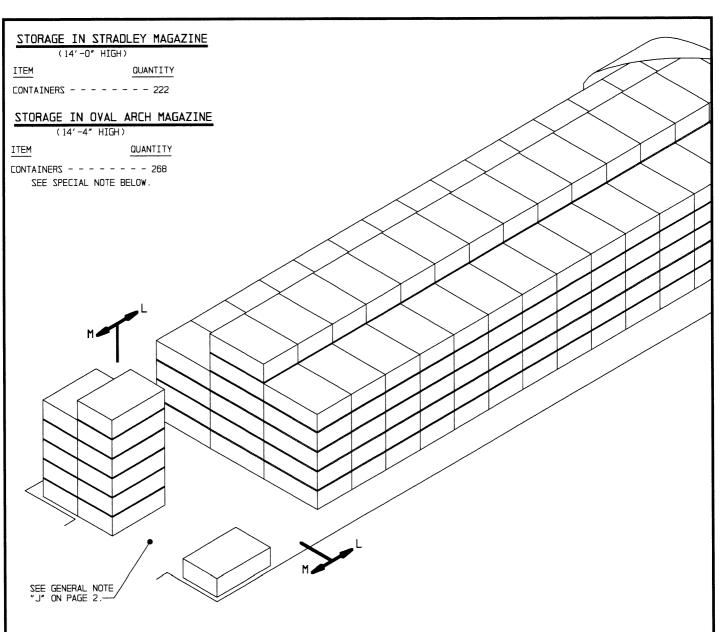


FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATE	RIAL	(PER UPPER	LAYER CONTAINER)
LUMBER	LIN	EAR FEET	BOARD FEET
2" X 6"		9	9

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





(STRADLEY MAGAZINE)

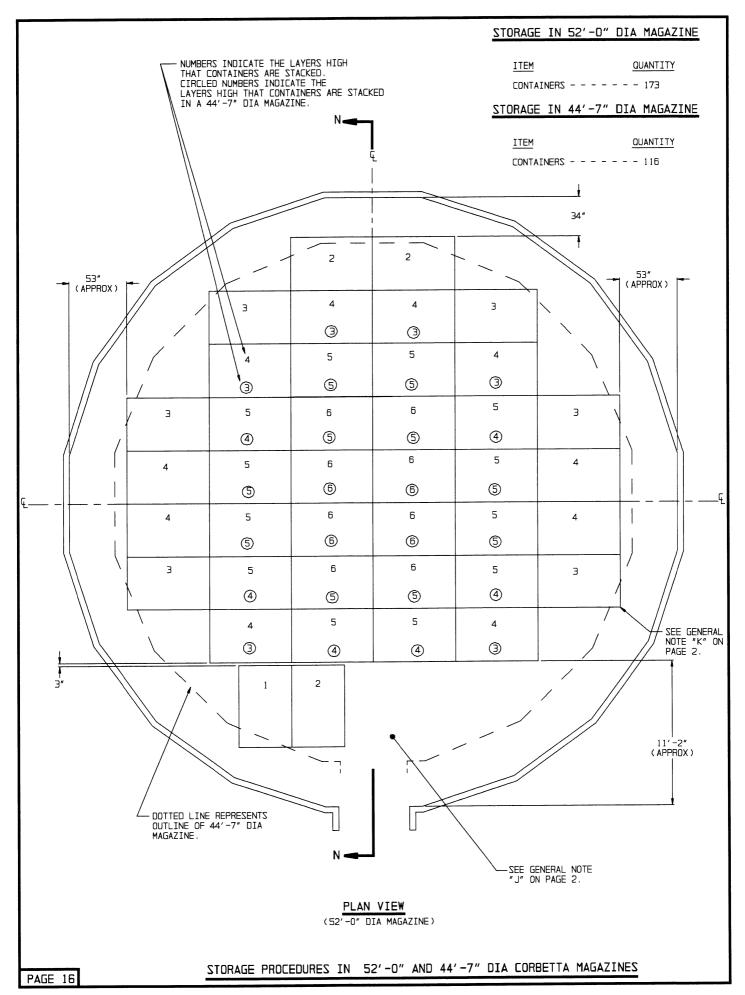
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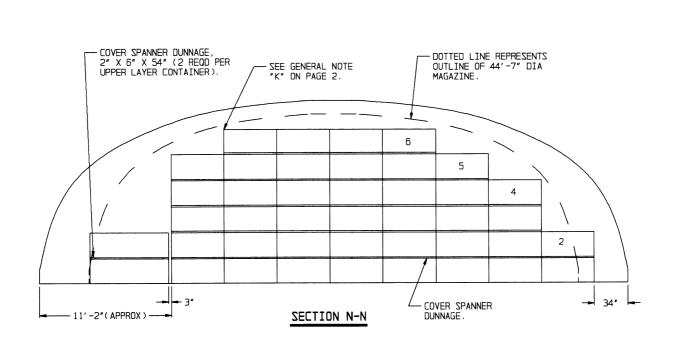
BILL OF MATER	RIAL (PER UPPER	LAYER CONTAINER)
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

SPECIAL NOTE:

STORAGE IN AN 89'-0" LONG OVAL ARCH MAGAZINE WILL CONSIST OF 16 A-STACKS EACH HAVING 16 CONTAINERS, AND 1-C STACK OF 12 CONTAINERS TOTALING 268 CONTAINERS. THE A-STACKS WILL HAVE THE TWO OUTSIDE ROWS EACH 5 CONTAINERS HIGH AND THE CENTER ROW 6 CONTAINERS HIGH. TO PERMIT 16 CONTAINERS TO BE STORED IN EACH A-STACK, THE STACKS MUST BE CENTERED ACROSS THE WIDTH OF THE MAGAZINE.

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



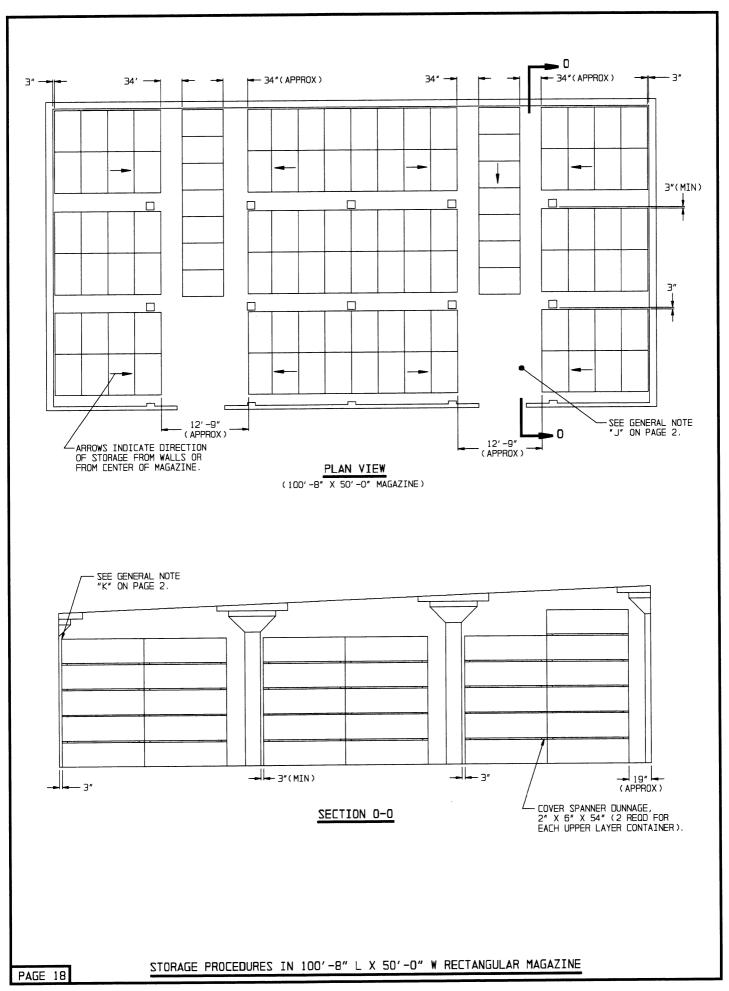


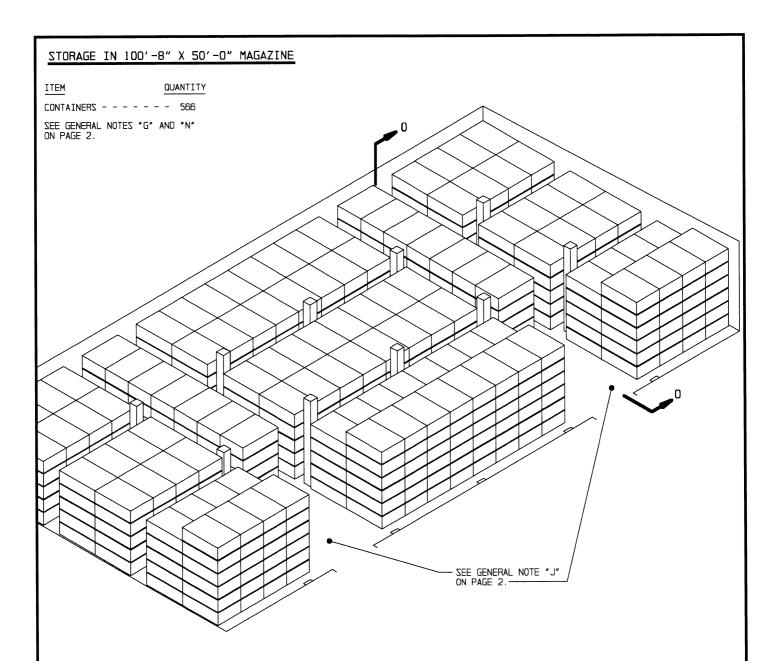
FOR "GENERAL NOTES" AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.

BILL OF MATER	RIAL (PER UPPER	LAYER CONTAINER)
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

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

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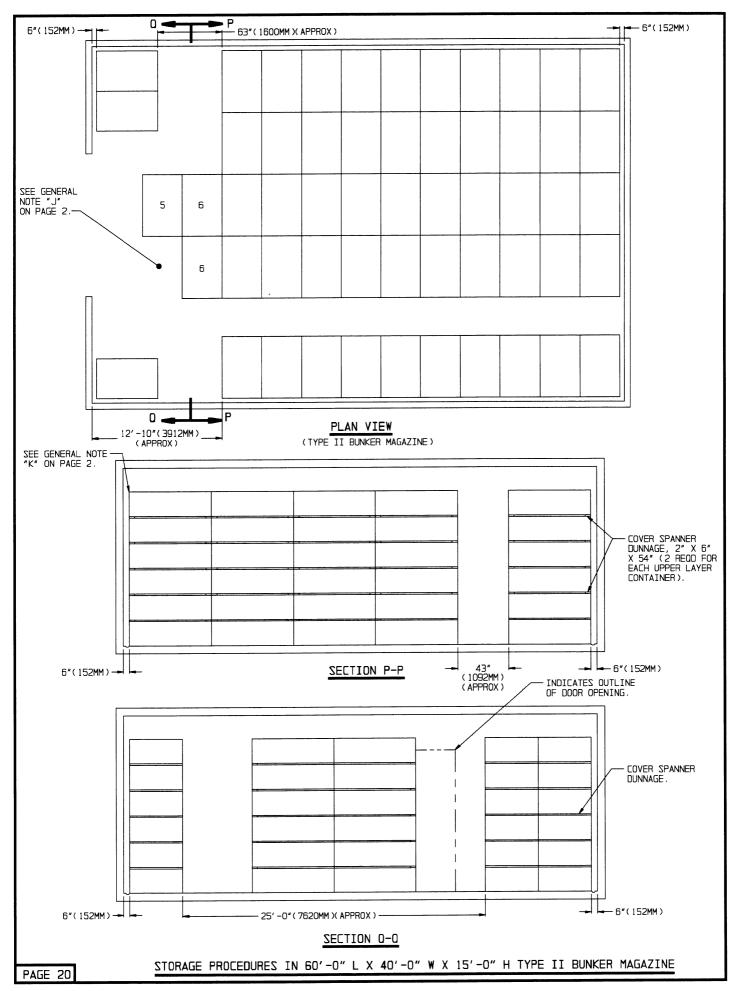


ISOMETRIC VIEW
(100'-8" X 50'-0" MAGAZINE)

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

BILL OF MATE	RIAL (PER UPPER	LAYER CONTAINER)
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

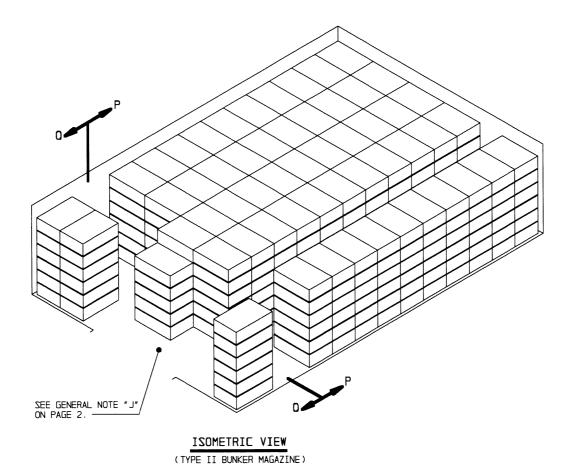
STORAGE PROCEDURES IN 100'-8" L X 50'-0" W RECTANGULAR MAGAZINE



STORAGE IN TYPE II BUNKER

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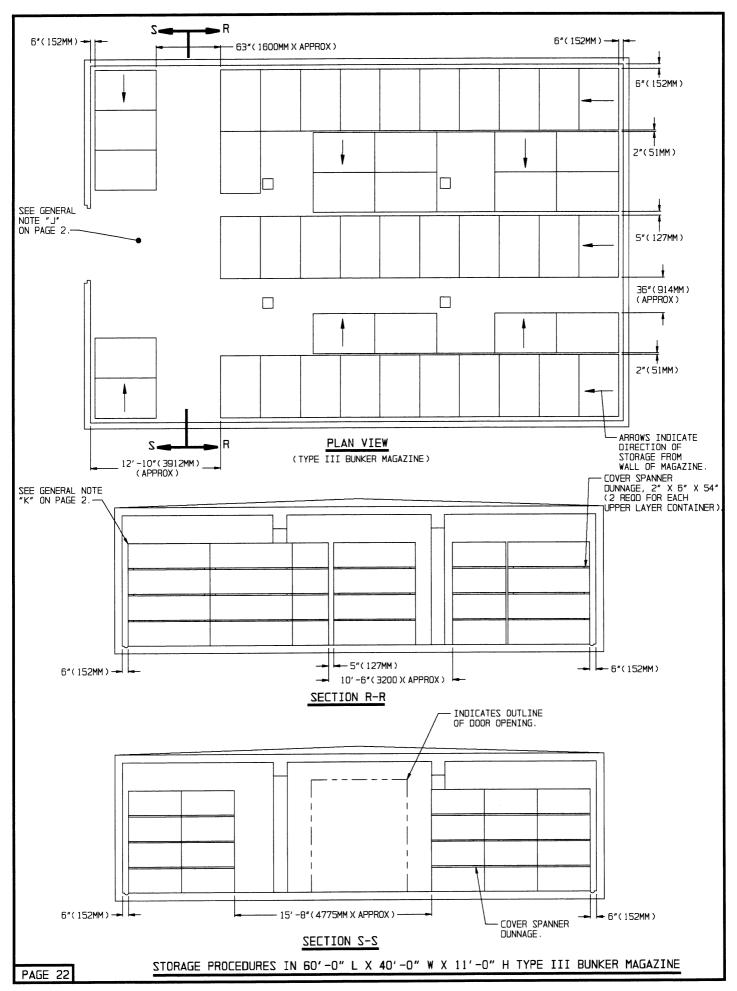
CONTAINERS - - - - - - - 335



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

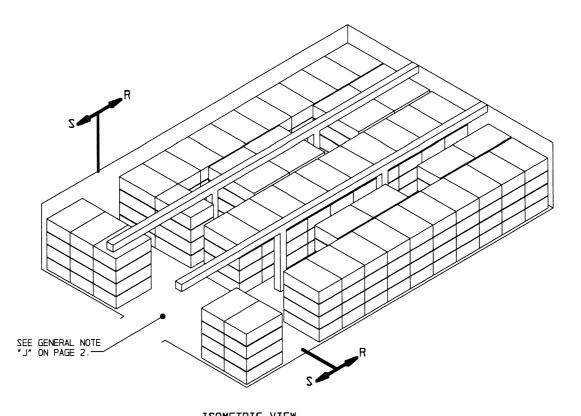
BILL OF MATE	RIAL	(PER UPI	PER	LAYER CONTAINER)
LUMBER	LI	NEAR FEET		BOARD FEET
2" X 6"		9		9

STORAGE PROCEDURES IN 60'-0" L X 40'-0" W X 15'-0" H TYPE II BUNKER MAGAZINE



STORAGE IN TYPE III BUNKER

CONTAINERS - - - - - - - 192



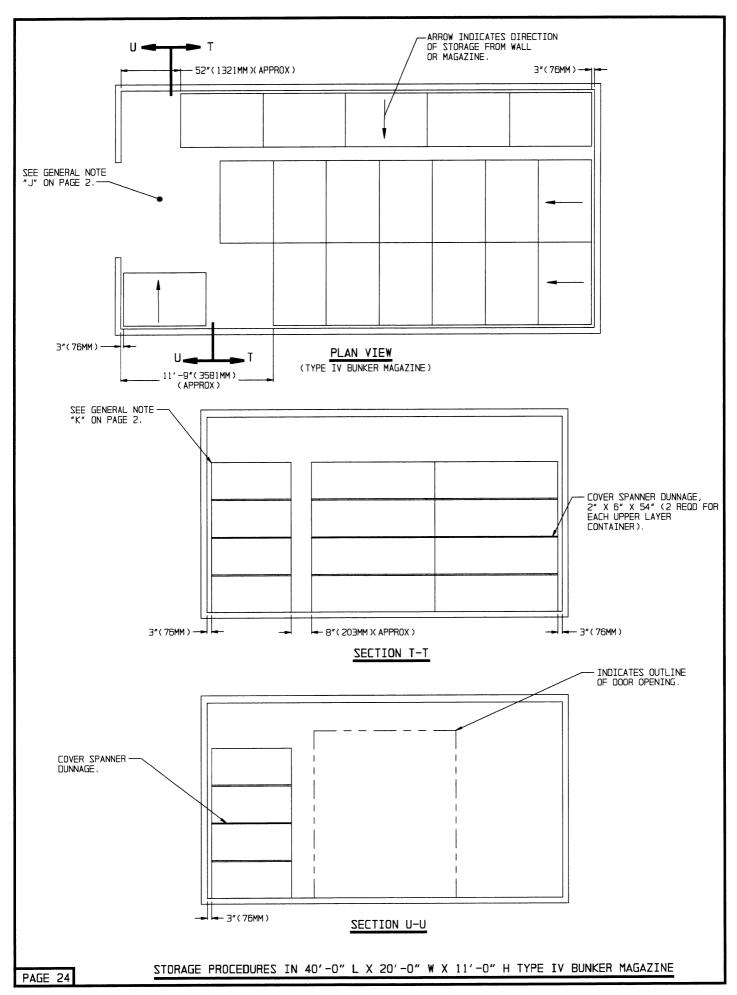
ISOMETRIC VIEW

(TYPE III BUNKER MAGAZINE)

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

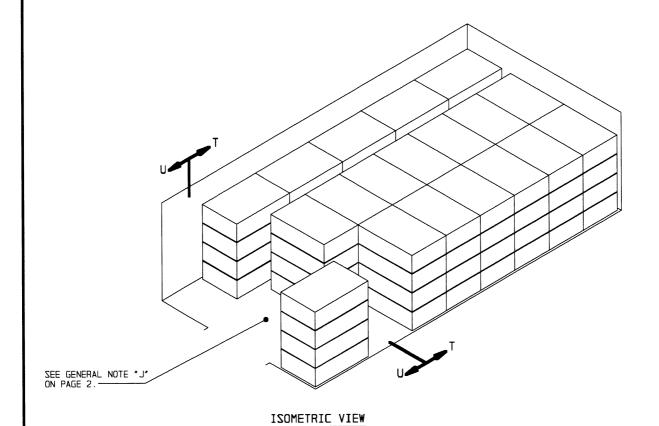
BILL OF MATER	RIAL (PER UPPER	LAYER CONTAINER)
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

STORAGE PROCEDURES IN 60'-0" L X 40'-0" W X 11'-0" H TYPE III BUNKER MAGAZINE



STORAGE IN TYPE IV BUNKER

CONTAINERS - - - - - - 76



(TYPE IV BUNKER MAGAZINE)

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

BILL OF MATERIAL (PER UPPER LAYER CONTAINER)		
LUMBER	LINEAR FEET	BOARD FEET
2" X 6"	9	9

STORAGE PROCEDURES IN 40'-0" L X 20'-0" W X 11'-0" H TYPE IV BUNKER MAGAZINE

