# STORAGE IN APPROVED MAGAZINES OF MOTOR, 5.0 INCH ROCKET MK22 MOD 4 (LOADED ASSEMBLY) IN CONTAINER MK697 MOD 0, UNITIZED 2 CONTAINERS PER UNIT LOAD

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U.S. ARMY MATERIEL COMMAND DRAWING						
APPROVED, U.S. ARMY INDUSTRIAL OPERATIONS COMMAND	DRAFTSMAN I. DEPPE					
David a Perhank	ENGINEER M. DAEUMER					
AMSTA-AR-ESK	SUPPLY ENGINEERING DIVISION Progree					
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND	LOGISTICS ENGINEERIN OFFICE		RING	ING Thomas 1. Michila		
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SEE REVISION LISTING ON PAGE 2.	13				22PA1008	

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 IN THIS DRAWING ARE APPLICABLE TO MOTOR, 5.0 INCH ROCKET MK22 MOD 4 (LOADED ASSEMBLY) PACKED ONE MOTOR PER MK697 MOD 0 CONTAINER, UNITIZED TWO CONTAINERS PER UNIT LOAD.
- C. FOR DETAIL OF THE UNIT LOAD, SEE PAGE 3.

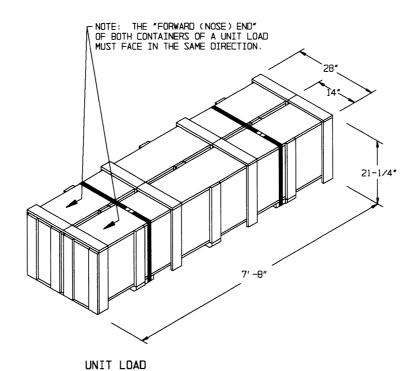
UNIT LOAD DIMENSIONS - - - 7'-8" L X 28" W X 21-1/4" H. GROSS WEIGHT (APPROX)- - 547 POUNDS
CUBE - - - - - - - 31.7 CUBIC FEET

- D. THIS ITEM IS A OD CLASS 1.3 COMPATIBILITY GROUP C EXPLO-SIVE. CAUTION: THIS ITEM IS IN A "PROPULSIVE STATE" AND MUST BE STORED WITH THE "FORWARD (NOSE) END" FACING TOWARD THE MAGAZINE SIDEWALL OR THE REAR WALL AS INDICATED BY THE DIRECTIONAL ARROWS IN THE STORAGE
- E. CAUTION: DO NOT STACK MORE THAN SIX (6) UNIT LOADS HIGH IN STORAGE. STORAGE WILL ONLY BE IN THE UNIT LOAD CONFIGURATION.
- F. 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 UNIT LOADS 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" BELOW.
- G. AISLE DIMENSIONS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT.
- H. 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 "N" BELOW.
- J. IF AVAILABLE MHE PERMITS, ADDITIONAL UNIT LOADS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- K. STORED UNIT LOADS MUST NOT CONTACT THE WALLS OF A MAGAZINE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNIT LOADS 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 UNIT LOADS INTO STACKS, A 1" SPACE BETWEEN THE ENDS OF UNIT LOADS WAS ALLOWED, WHERE FEASIBLE, IN THE STORAGE LAYOUTS HEREIN.
- N. IF THE QUANTITY OF UNIT LOADS 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. SEE GENERAL NOTE "L" ABOVE.
- 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.

# REVISION

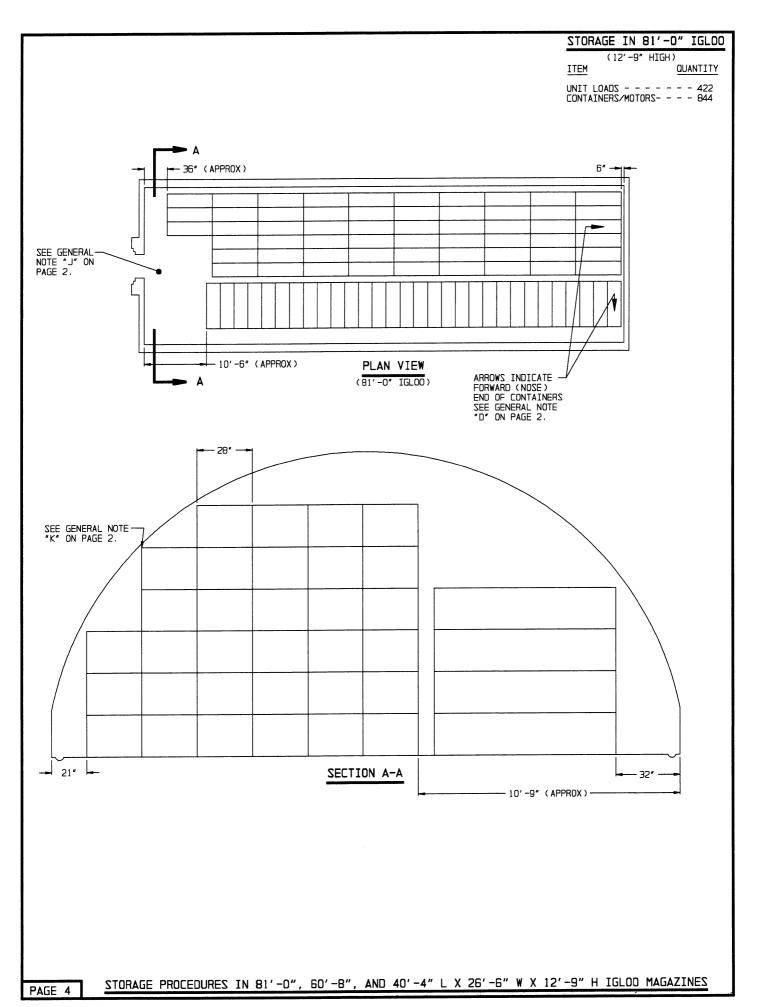
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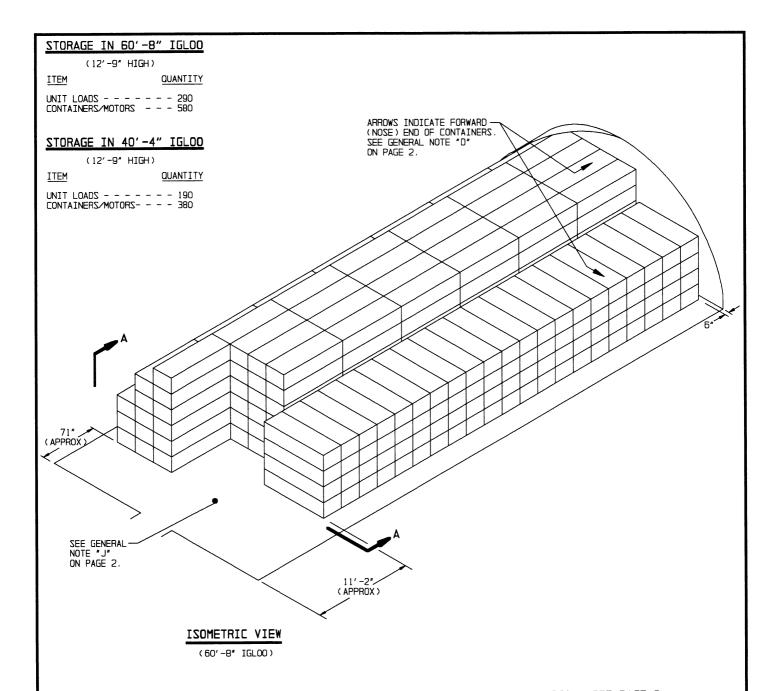
1. CONVERTING DRAWING TO CAD.



SEE GENERAL NOTE "E" ON PAGE 2.

UNIT LOAD DETAIL



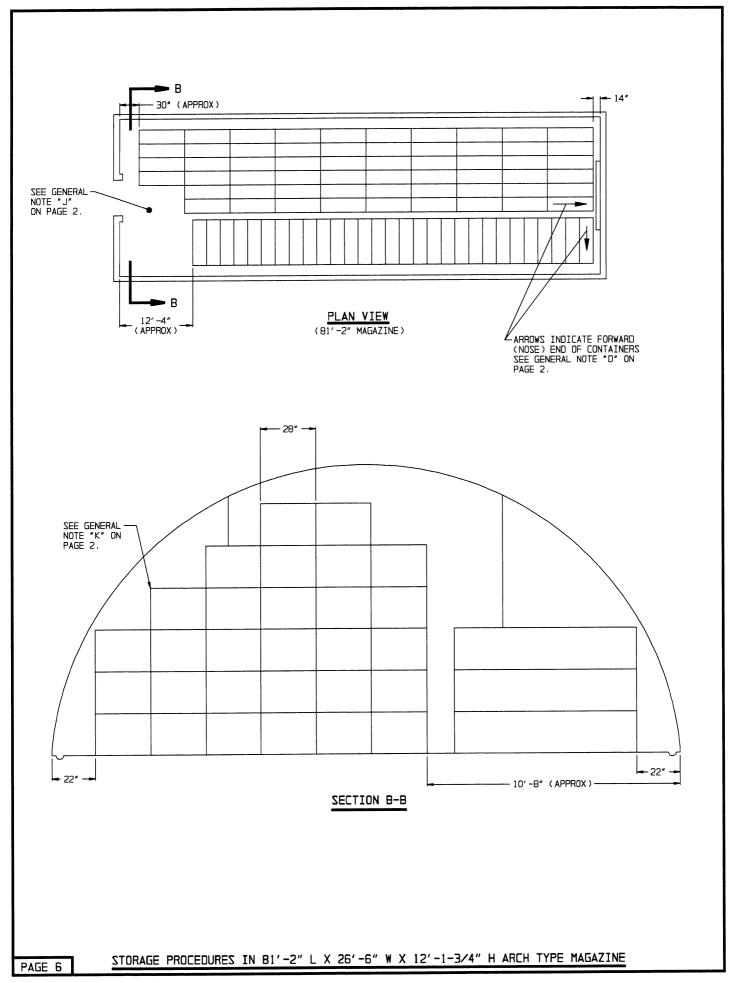


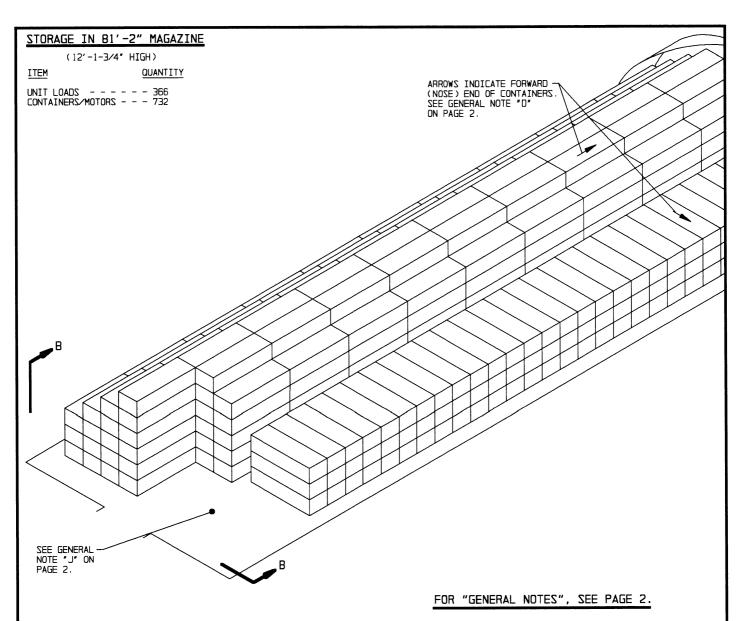
# FOR "GENERAL NOTES", SEE PAGE 2.

### SPECIAL NOTE:

STORAGE INSTALLATIONS HAVING FRONT/SIDE LOADING FORKLIFTS MAY STORE CONTAINERS OPPOSITE HAND FROM THAT SHOWN IN THESE VIEWS, I.E., CONTAINERS PARALLEL TO THE SIDE WALL ON THE RIGHT SIDE AND CONTAINERS PERPENDICULAR TO THE SIDE WALL ON THE LEFT SIDE. ALL OTHER SPECIFIED REQUIREMENTS WILL APPLY.

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





# ISOMETRIC VIEW

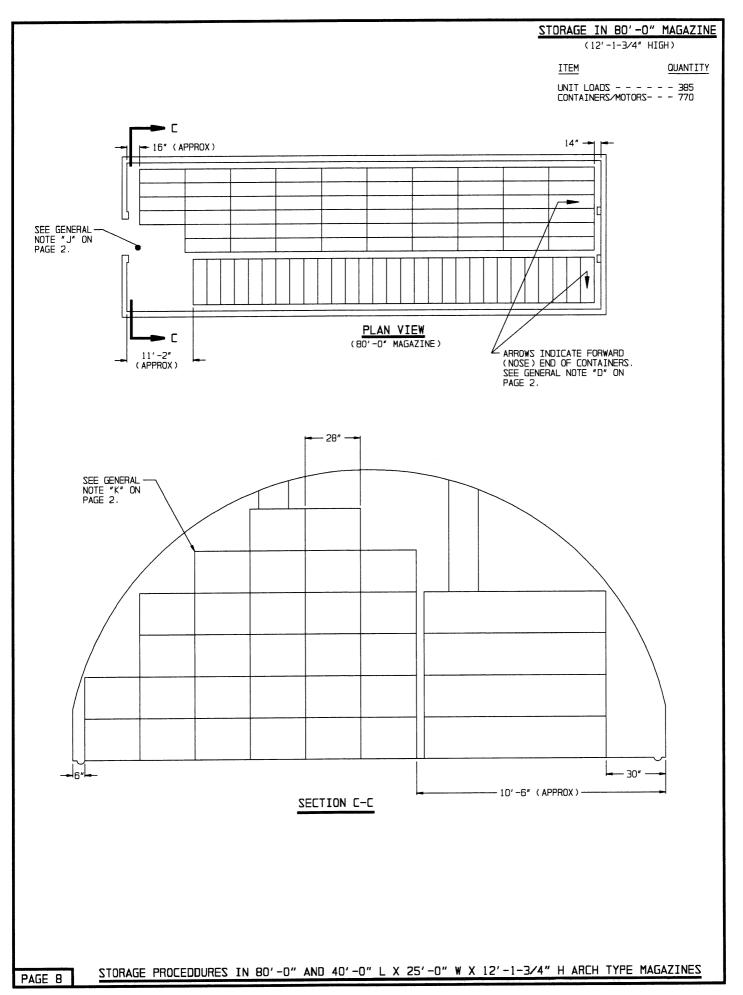
(81'-2" MAGAZINE)

# SPECIAL NOTE:

STORAGE INSTALLATIONS HAVING FRONT/SIDE LOADING FORKLIFTS MAY STORE CONTAINERS OPPOSITE HAND FROM THAT SHOWN IN THESE VIEWS, I.E., CONTAINERS PARALLEL TO THE SIDE WALL ON THE RIGHT SIDE AND CONTAINERS PERPENDICULAR TO THE SIDE WALL ON THE LEFT SIDE. ALL OTHER SPECIFIED REQUIREMENTS WILL APPLY.

STORAGE PROCEDURES IN B1'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE

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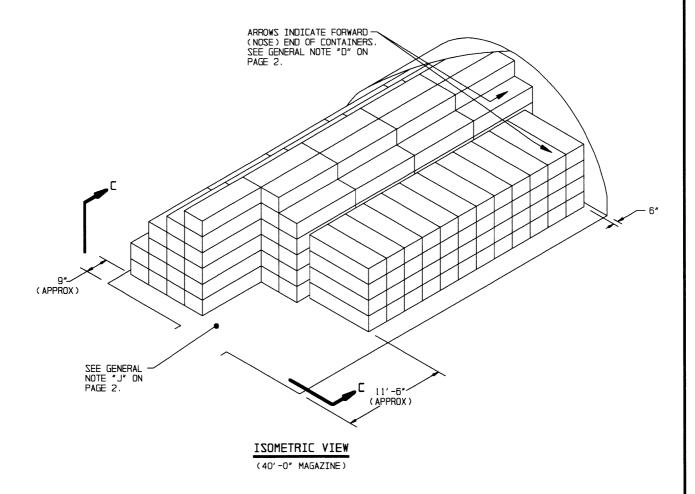
# STORAGE IN 40'-0" MAGAZINE

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

ITEM

QUANTITY

UNIT LOADS - - - - - - 177 CONTAINERS/MOTORS- - - 354



FOR "GENERAL NOTES", SEE PAGE 2.

### SPECIAL NOTE:

STORAGE INSTALLATIONS HAVING FRONT/SIDE LOADING FORKLIFTS MAY STORE CONTAINERS OPPOSITE HAND FROM THAT SHOWN IN THESE VIEWS, I.E., CONTAINERS PARALLEL TO THE SIDE WALL ON THE RIGHT SIDE AND CONTAINERS PERPENDICULAR TO THE SIDE WALL ON THE LEFT SIDE. ALL OTHER SPECIFIED REQUIREMENTS WILL APPLY.

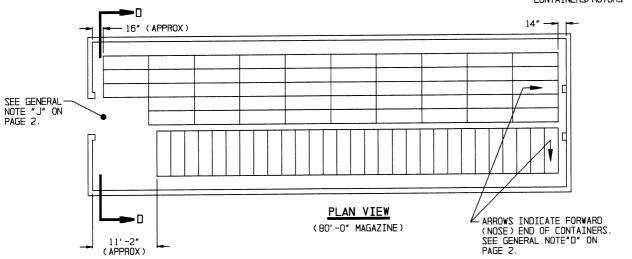
# STORAGE IN 80'-0" MAGAZINE

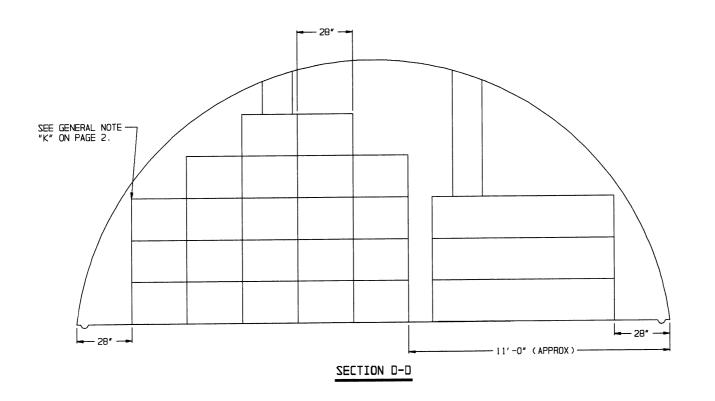
(11'-0" HIGH)

ITEM

QUANTITY

UNIT LOADS - - - - - 288 CONTAINERS/MOTORS- - - 576



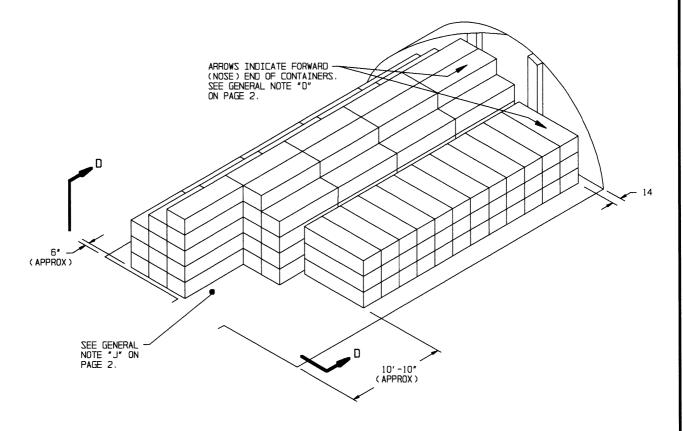


# STORAGE IN 40'-0" MAGAZINE

(11'-0" HIGH)

ITEM QUANTITY

UNIT LOADS - - - - - 132 CONTAINERS/MOTORS- - - 264



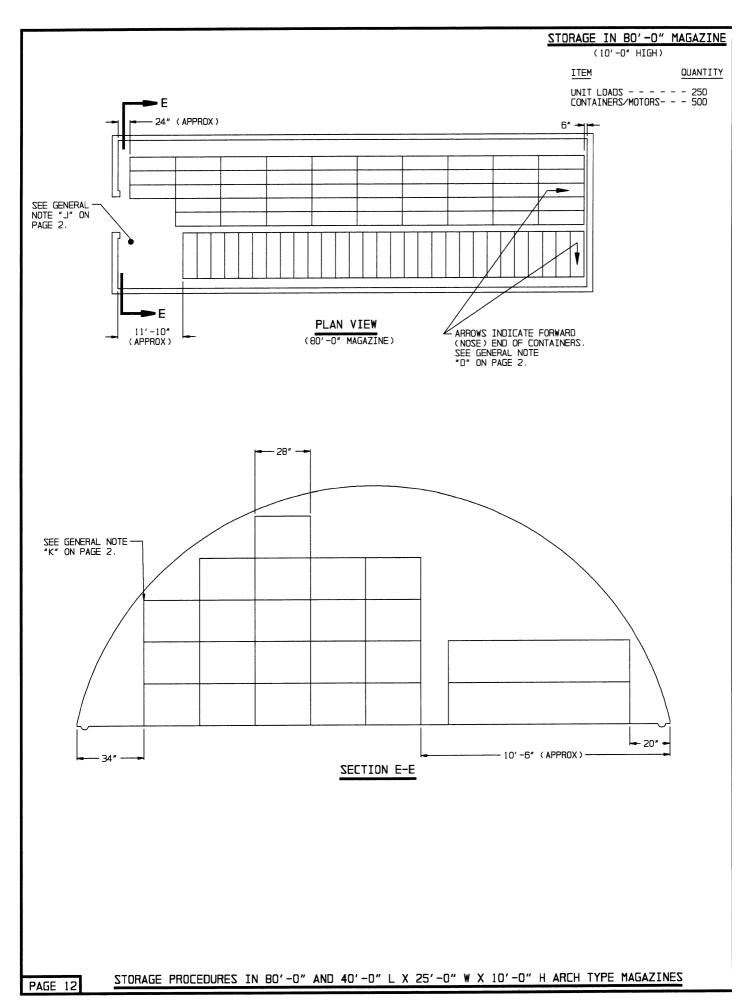
# ISOMETRIC VIEW

(40'-0" MAGAZINE)

FOR "GENERAL NOTES", SEE PAGE 2.

### SPECIAL NOTE:

STORAGE INSTALLATIONS HAVING FRONT/SIDE LOADING FORKLIFTS MAY STORE CONTAINERS OPPOSITE HAND FROM THAT SHOWN IN THESE VIEWS, I.E., CONTAINERS PARALLEL TO THE SIDE WALL ON THE RIGHT SIDE AND CONTAINERS PERPENDICULAR TO THE SIDE WALL ON THE LEFT SIDE. ALL OTHER SPECIFIED REQUIREMENTS WILL APPLY.

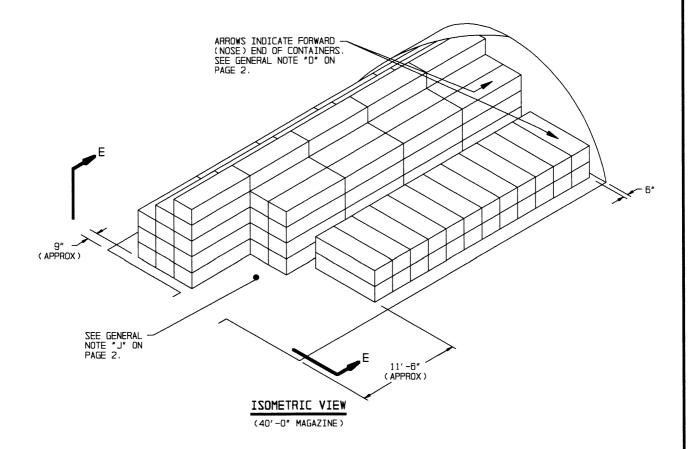


### STORAGE IN 40'-0" MAGAZINE

(10'-0" HIGH)

ITEM QUANTITY

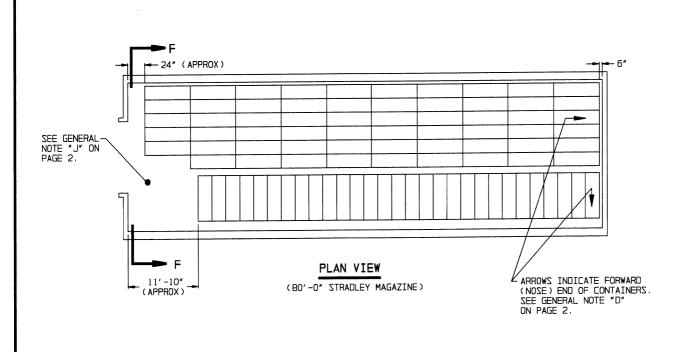
UNIT LOADS - - - - - - 116 CONTAINERS/MOTORS- - - - 232

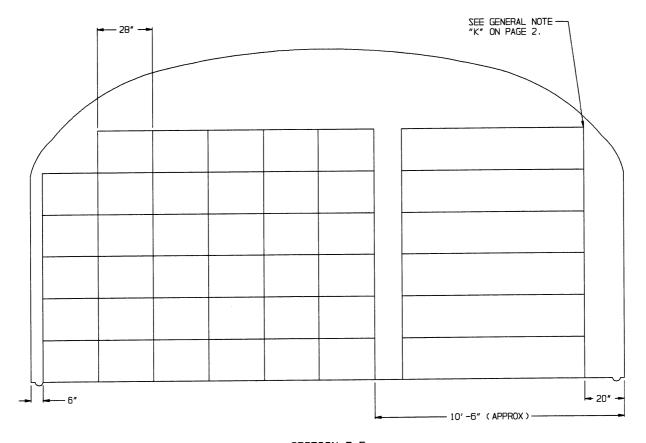


FOR "GENERAL NOTES", SEE PAGE 2.

# SPECIAL NOTE:

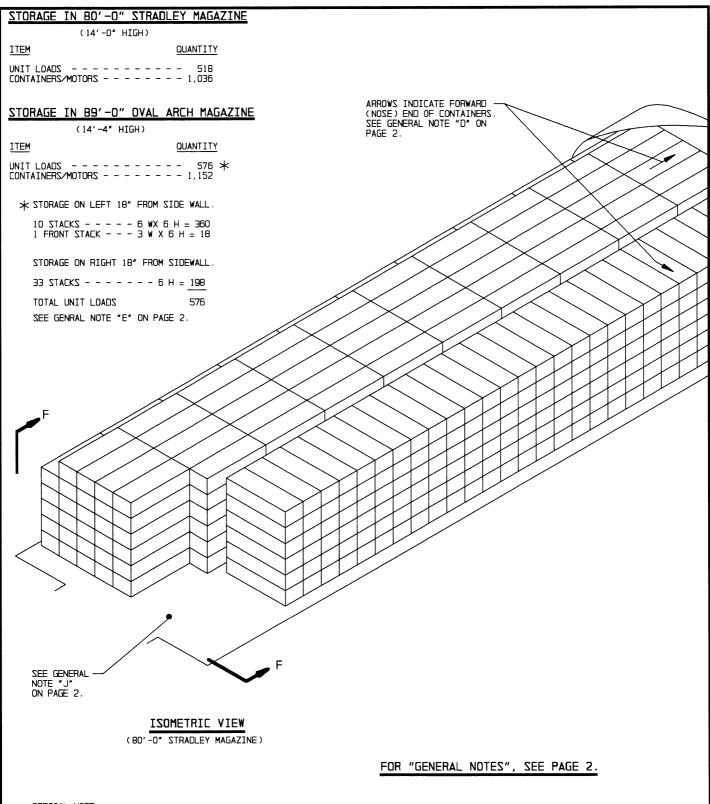
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SECTION F-F
SEE GENERAL NOTE "E" ON PAGE 2.

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

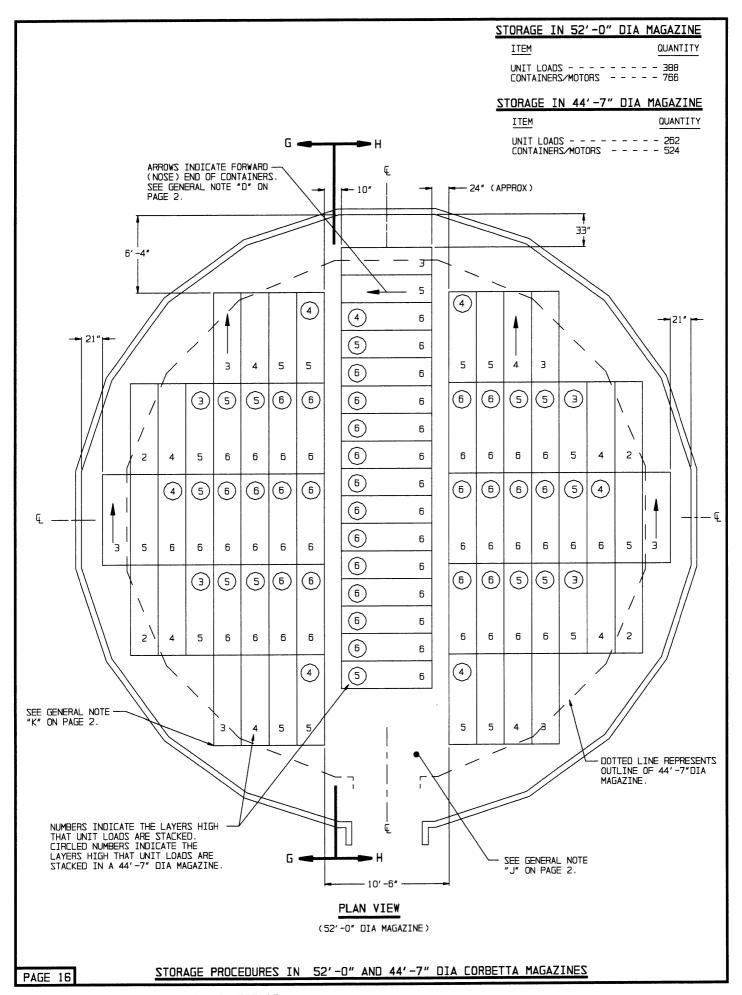


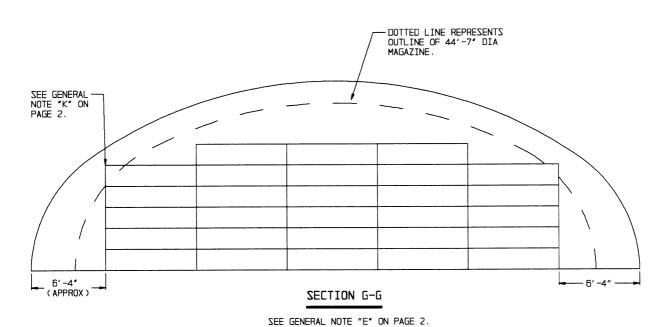
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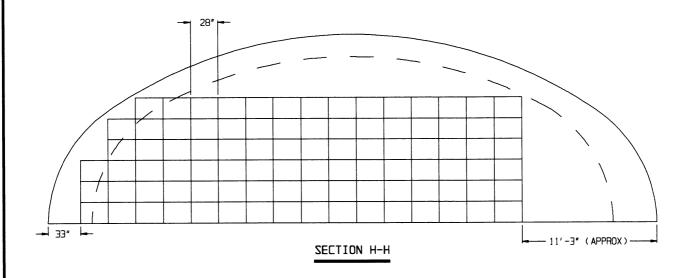
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STORAGE PROCEDURES IN 80'-0" L X 25'-0" W X 14'-0" H STRADLEY AND 89'-0" L X 24'-10" W X 14'-4" H OVAL ARCH MAGAZINES

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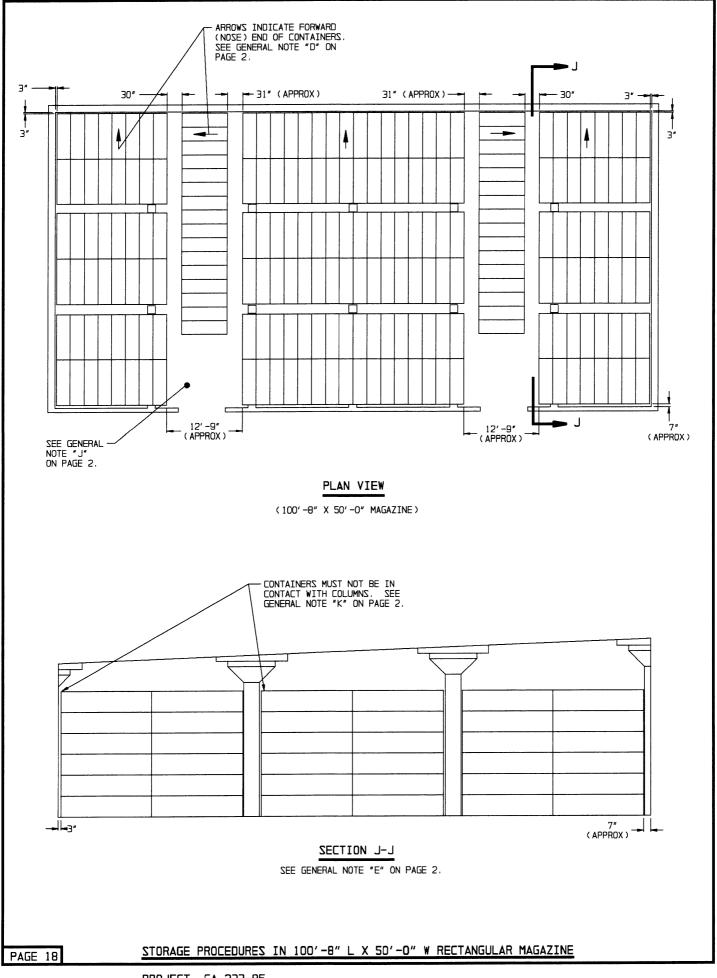


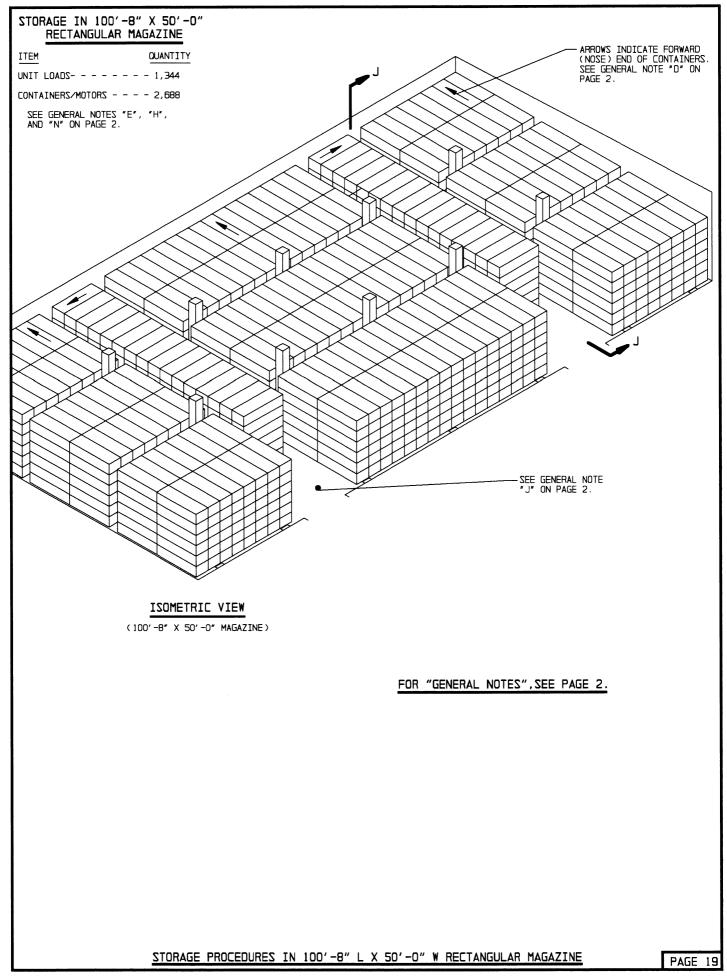


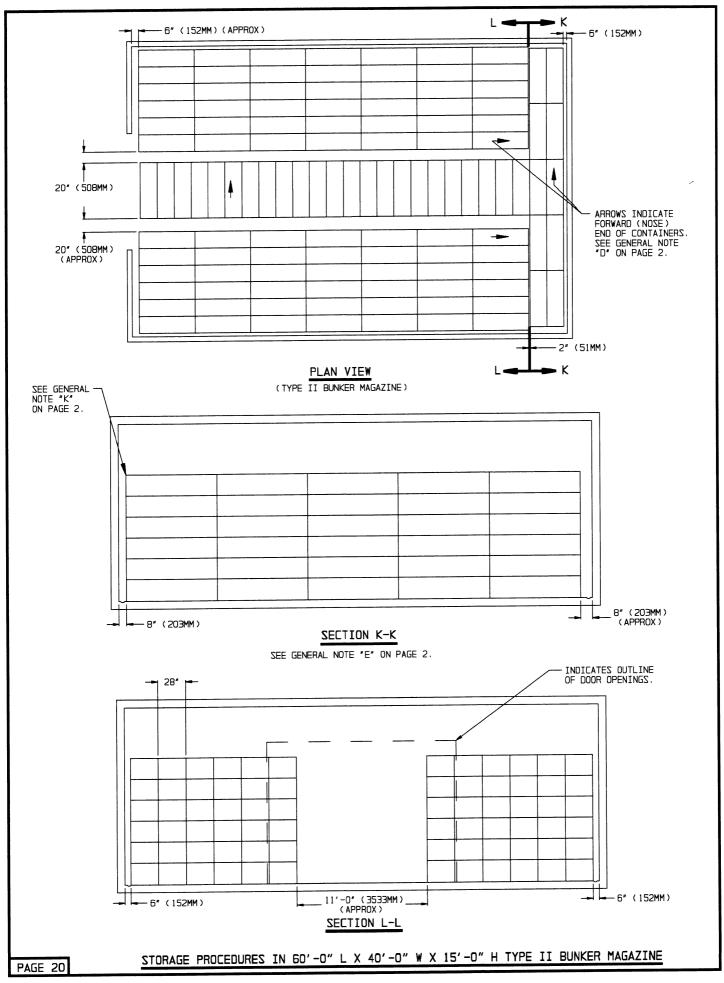


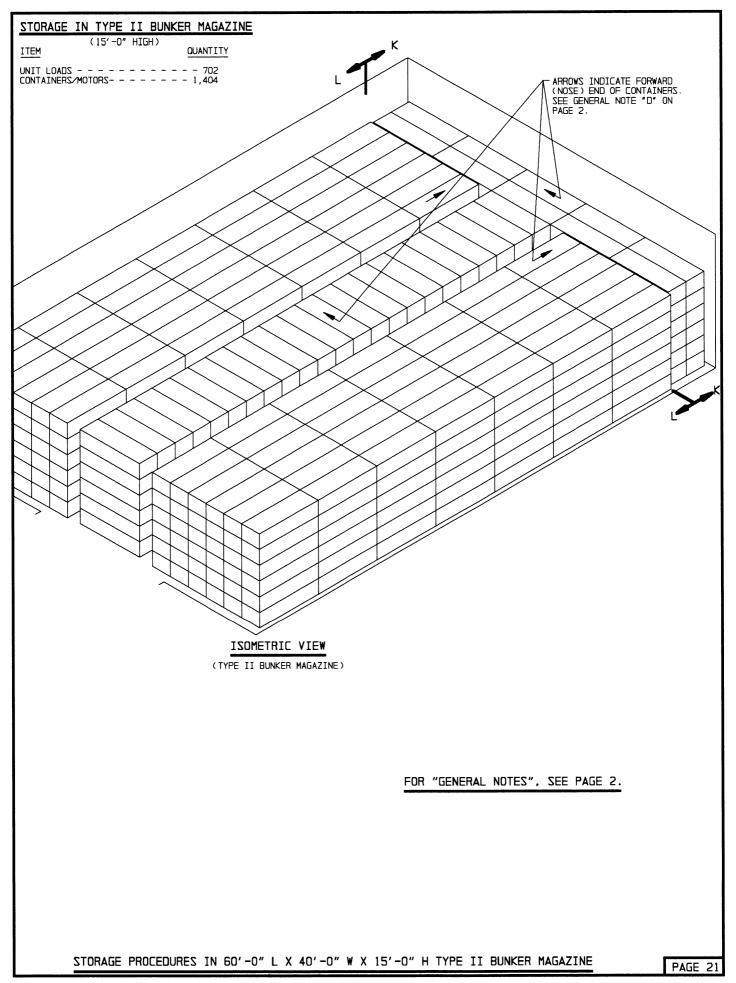
FOR "GENERAL NOTES", SEE PAGE 2.

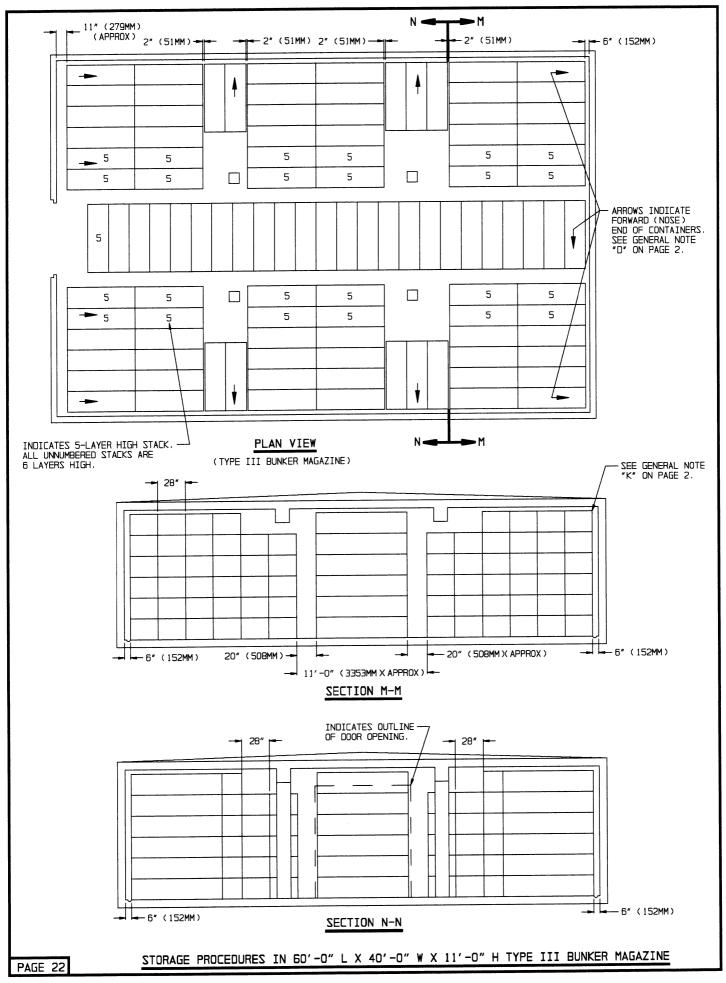
STORAGE PROCEDURES IN 52'-0" AND 44'-7" DIA CORBETTA MAGAZINES





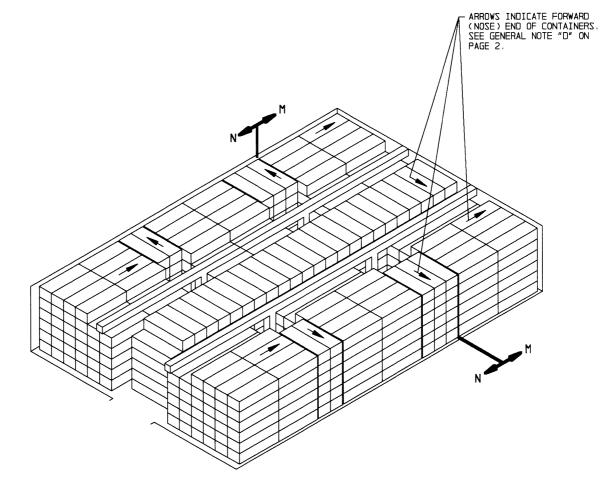






# STORAGE IN TYPE III BUNKER MAGAZINE

(11'-0" HIGH)



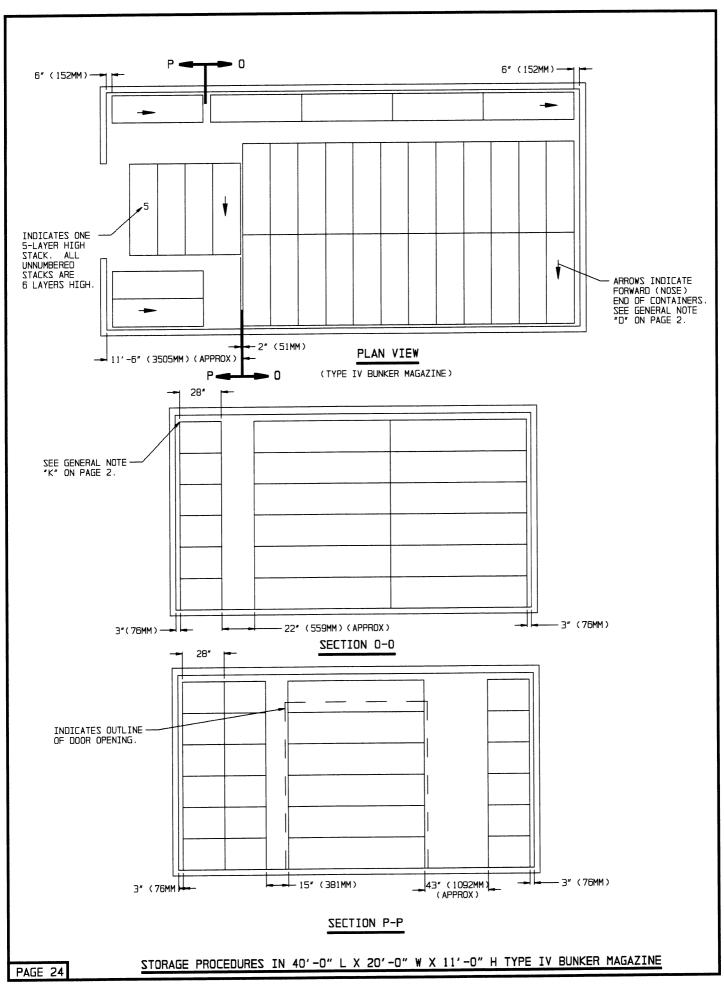
ISOMETRIC VIEW

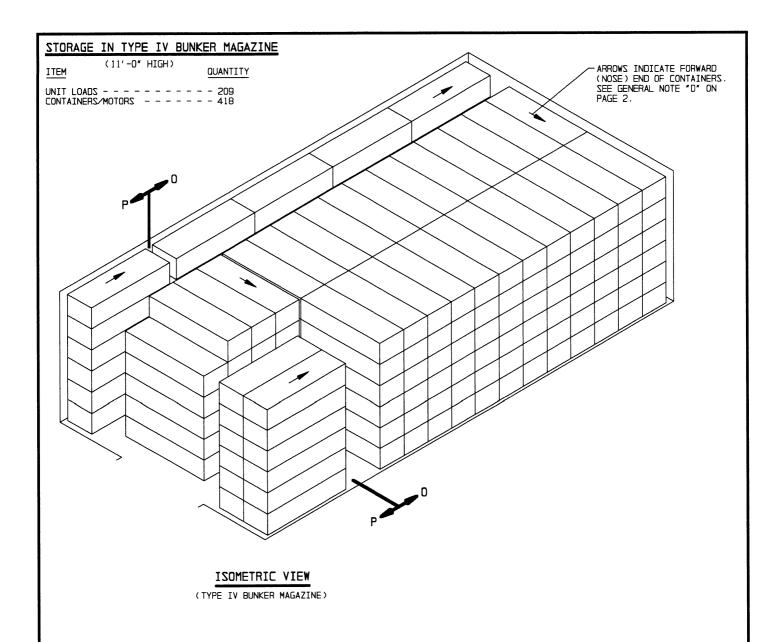
(TYPE III BUNKER MAGAZINE)

FOR "GENERAL NOTES", SEE PAGE 2.

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

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FOR "GENERAL NOTES" SEE PAGE 2.

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

