

# STORAGE IN APPROVED MAGAZINES OF CBU ITEMS PACKED IN THE CNU 80/E25 CONTAINER AND MAU ITEMS PACKED IN THE CNU 203/E AND/OR CNU 152/E CONTAINER

<u>ITEM</u>	<u>INDEX</u>		<u>CNU CONTAINER</u>	
			<u>80/E25 OR 203/E</u>	<u>152/E</u>
	<u>PAGE(S)</u>		<u>PAGE(S)</u>	
GENERAL NOTES, AND MATERIAL SPECIFICATIONS - - - - -	2 - - -		2	
CONTAINER DETAILS - - - - -	3 - - -		3	
STORAGE PROCEDURES (EARTH COVERED MAGAZINES):				
81'-0", 60'-8" AND 40'-4" L X 26'-6" W X 12'-9" H IGLOO MAGAZINES - - -	4,5 - - -		24,25	
81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE - - - - -	6,7 - - -		26,27	
80'-0" AND 40'-0" L X 25'-0" W X 12'-1-3/4" H ARCH TYPE MAGAZINES - - -	8,9 - - -		28,29	
80'-0" AND 40'-0" L X 25'-0" W X 11'-0" H ARCH TYPE MAGAZINES - - - -	10,11 - - -		30,31	
80'-0" AND 40'-0" L X 25'-0" W X 10'-0" H ARCH TYPE MAGAZINES - - - -	12,13 - - -		32,33	
80'-0" L X 25'-0" W X 14'-0" H STRADLEY MAGAZINE - - - - -	14,15 - - -		34,35	
89'-0" L X 24'-10" W X 14'-4" H OVAL ARCH MAGAZINE - - - - -	16,17 - - -		36,37	
89'-0" L X 24'-11" W X 13'-6" H STEEL ARCH MAGAZINE - - - - -	18,19 - - -		38,39	
52'-0" DIA CORBETTA MAGAZINE - - - - -	20,21 - - -		40,41	
100'-8" L X 50'-0" W RECTANGULAR MAGAZINE - - - - -	22,23 - - -		42,43	
TYPICAL MULTIPLE-LOT STORAGE PROCEDURES - - - - -	44-46 - - -		44-46	
STACK STABILIZING STRAP DETAIL - - - - -	47 - - -		47	

U.S. ARMY MATERIEL COMMAND DRAWING			
APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND <i>M.L. Jr.</i>  <i>David A. Pustovich</i>  AMSTA-AR-ESK	DRAFTSMAN	D. WHITMORE	
	ENGINEER	M. DAEUMER	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND  <i>William Ernest</i>  U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	SUPPLY ENGINEERING DIVISION	<i>John Ferguson</i>	
	LOGISTICS ENGINEERING OFFICE	<i>Thomas Michael</i>	
AUGUST 1967			
REVISION NO. 2	JULY 1995	CLASS	DIVISION
SEE REVISION LISTING ON PAGE 3		DRAWING	FILE
		19	48
		7037	SP1-3-4- 14-22M2

DO NOT SCALE

## GENERAL NOTES

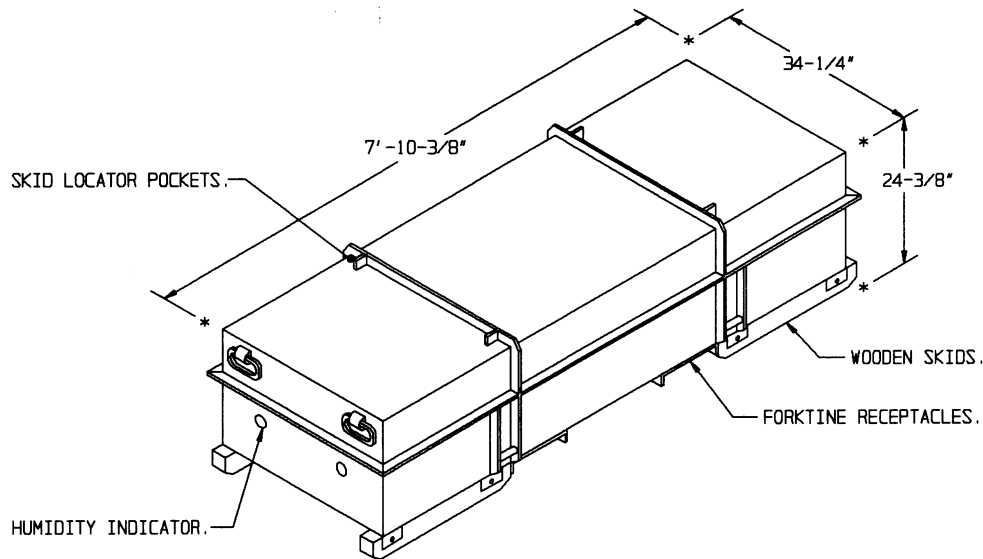
(SPECIAL NOTES CONTINUED)

- 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 THE CBU ITEMS PACKED IN THE CNU-80/E25 CONTAINER, THE MAU-157/B OR MAU-157A/B COMPUTER CONTROL GROUP PACKED IN THE CNU-152/E CONTAINER, AND THE MAU-157/B, MAU-157A/B, OR MAU-169/B COMPUTER CONTROL GROUP PACKED IN THE CNU-203/E CONTAINER. THESE STORAGE PROCEDURES WILL ALSO APPLY TO OTHER SERIES COMPUTER CONTROL GROUPS WHEN PACKED IN THE CNU-152/E OR CNU-203/E CONTAINER. SUBSEQUENT REFERENCE TO CONTAINER MEANS CONTAINER WITH CONTENTS.
- C. FOR DETAILS OF THE CNU-80/E25 CONTAINER SEE US AIR FORCE DRAWING NO. 8889492 AND "CONTAINER" DETAIL ON PAGE 3 OF THIS DRAWING.  
CONTAINER DIMENSIONS - 7'-10-3/8" LONG BY 34-1/4" WIDE BY 24-3/8" HIGH.  
GROSS WEIGHT W/CBU ITEMS - 1,174 POUNDS MAX, 934 MIN (APPROX).
- D. FOR DETAILS OF THE CNU-152/E CONTAINER SEE US AIR FORCE DRAWING NO. 706100 AND "CONTAINER" DETAIL ON PAGE 3 OF THIS DRAWING.  
CONTAINER DIMENSIONS - 7'-10-3/8" LONG BY 33-3/4" WIDE BY 17-1/4" HIGH.  
GROSS WEIGHT W/MAU-157/B OR MAU-157A/B COMPUTER CONTROL GROUP - 710 POUNDS (APPROX).
- E. FOR DETAILS OF THE CNU-203/E CONTAINER SEE US AIR FORCE DRAWING NO. 724076 AND "CONTAINER" DETAIL ON PAGE 3 OF THIS DRAWING.  
CONTAINER DIMENSIONS - 7'-10-3/8" LONG BY 34-1/4" WIDE BY 24-3/8" HIGH.  
GROSS WEIGHT W/MAU-157/B, MAU-157A/B OR MAU-169/B COMPUTER CONTROL GROUP. - 850 POUNDS (APPROX).
- 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 CONTAINERS 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.
- G. AISLE DIMENSIONS AS SHOWN HEREIN MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS AND /OR AVAILABLE MATERIAL HANDLING EQUIPMENT (MHE), HOWEVER, AN 18" MINIMUM INSPECTION AISLE MUST BE MAINTAINED AT THE END OF THE CONTAINER WHERE THE HUMIDITY INDICATOR IS LOCATED.
- H. IF AVAILABLE MHE PERMITS, ADDITIONAL CONTAINERS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- J. 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
- K. 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.
- L. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP CONTAINERS IN THE STACKS SHOWN IN THE "SECTION" VIEWS HEREIN, UNLESS TWO UPPER CONTAINERS ARE HANDLED AS ONE 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.
- M. STACK STABILIZING STRAPS, 3/4" X .028 STEEL STRAPPING BY LENGTH TO REQUIRED WILL BE INSTALLED AROUND TWO ADJACENT CONTAINERS IN STACKS THAT ARE FIVE OR MORE CONTAINERS HIGH. CAUTION: A SINGLE STACK MUST NOT BE STACKED MORE THAN FOUR (4) CONTAINERS HIGH WITHOUT BEING STRAPPED TO AN ADJACENT STACK. POSITION ANTI-CHAFING MATERIAL UNDER STEEL STRAPPING AT ALL POINTS OF STRAP/CONTAINER CONTACT. SEAL THE LAP JOINT OF THE STRAPPING WITH ONE (1) STRAP SEAL. SEE THE "STACK STABILIZING STRAP DETAIL" ON PAGE 47.
- N. STACK-STABILIZING DUNNAGE IN THE FORM OF "SHIMS" WILL BE REQUIRED TO ACHIEVE SOUND AND ACCEPTABLE STABLE STACKS. SHIM MATERIAL OF VARYING THICKNESSES WILL BE POSITIONED UNDER THE LOW-SIDE SKIDS OF EACH BOTTOM CONTAINER WITHIN THE STACK, 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.
- O. A LATERAL ACCESS AISLE IS SHOWN NEAR THE MIDPOINT WITHIN THE LONGITUDINAL ROW OF CONTAINERS TO PROVIDE EASY PASSAGE TO THE OPPOSITE SIDES OF A MAGAZINE. THE USE OF AND/OR THE LOCATION OF THE LATERAL AISLE IS OPTIONAL. FOR SAMPLE SEE PAGES 4, 14, 24 AND 34.
- P. STORAGE OF MULTIPLE LOTS OF CONTAINERS WILL REQUIRE CAREFUL PREPLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE "SPECIAL NOTES" SECTIONS OF THE TYPICAL MULTIPLE-LOT STORAGE PROCEDURES AS SHOWN ON PAGES 44 THRU 46.
- Q. ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING MULTIPLE LOTS WITHIN ONE STRUCTURE, THE BASIC STORAGE PATTERNS AS SHOWN ON PAGES 4 THRU 43 CAN ALSO BE ADAPTED FOR THE STORING OF MORE THAN ONE LOT. MULTIPLE LOTS OF CONTAINERS WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTERN MAY BE STORED WITH ONE OR MORE STACKS USED FOR EACH LOT. LOTS WILL NOT BE MIXED, BUT ONLY TO THE EXTENT THAT CONTAINERS OF ONE LOT WILL NOT BE STACKED ON TOP OF CONTAINERS FROM ANOTHER LOT. MULTIPLE LOTS OF CONTAINERS MAY BE STORED WITH ONE OR MORE ROWS USED FOR EACH LOT. A ROW OF UNITS RUNS FROM THE REAR OF THE MAGAZINE TO THE FRONT. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. A SINGLE-LOT IS CONSIDERED "ACCESSIBLE" IF NO MORE THAN TWELVE (12) "LIFTS" (A LIFT MAY CONSIST OF ONE (1) OR MORE CONTAINERS) OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THAT LOT.
- R. GENERALLY, WHEN STORING MULTIPLE LOTS, THE LARGEST LOT SHOULD BE STORED IN THE REAR OF THE MAGAZINE. EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION /INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE GENERAL NOTES AND IN THE SPECIAL NOTES THROUGHOUT THIS DRAWING.
- S. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- T. 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.
- U. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- V. CONTAINERS PRESENTLY STORED IN ACCORDANCE WITH A PRIOR APPROVED DRAWING NEED NOT BE RE-STORED SOLELY TO CONFORM TO THE PROCEDURES SPECIFIED IN THIS DOCUMENT.

(CONTINUED AT RIGHT)

## MATERIAL SPECIFICATIONS

- LUMBER - - -: FED SPEC MM-L-751; DUNNAGE LUMBER, SEE TM 743-200-1
- STRAPPING- -: ASTM-D3953; TYPE 1, HEAVY DUTY, FINISH B, (GRADE 2), SIZE 3/4" X .028" OR THICKER.
- SEAL, STRAP -: ASTM-D3953; CLASS H, FINISH B (GRADE 2), DOUBLE NOTCH TYPE, STYLE I, II, OR IV.
- ANTI-CHAFING MATERIAL - - -: NEUTRAL BARRIER MATERIAL, MIL-B-121 (OR EQUAL).



**CNU-80/E25 AND CNU-203/E CONTAINERS**

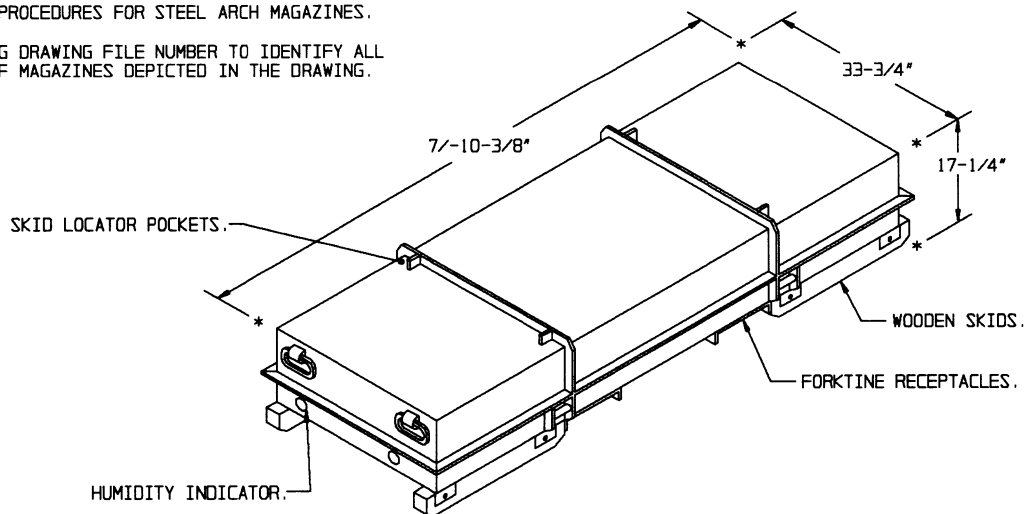
**REVISIONS**

REVISION NO. 1, DATED JULY 1980, CONSISTS OF:

1. ADDED STORAGE PROCEDURES FOR MAU ITEMS PACKED IN THE CNU 152/E AND/OR CNU 203/E CONTAINER.
2. ADDED STORAGE PROCEDURES FOR ARCH TYPE MAGAZINES (IGLOO), OVAL ARCH MAGAZINES, CORBETTA MAGAZINE, AND RECTANGULAR MAGAZINE.
3. UPDATED GENERAL NOTES, MATERIAL SPECIFICATIONS, AND DRAWING FORMAT.

REVISION NO. 2, DATED JULY 1995, CONSISTS OF:

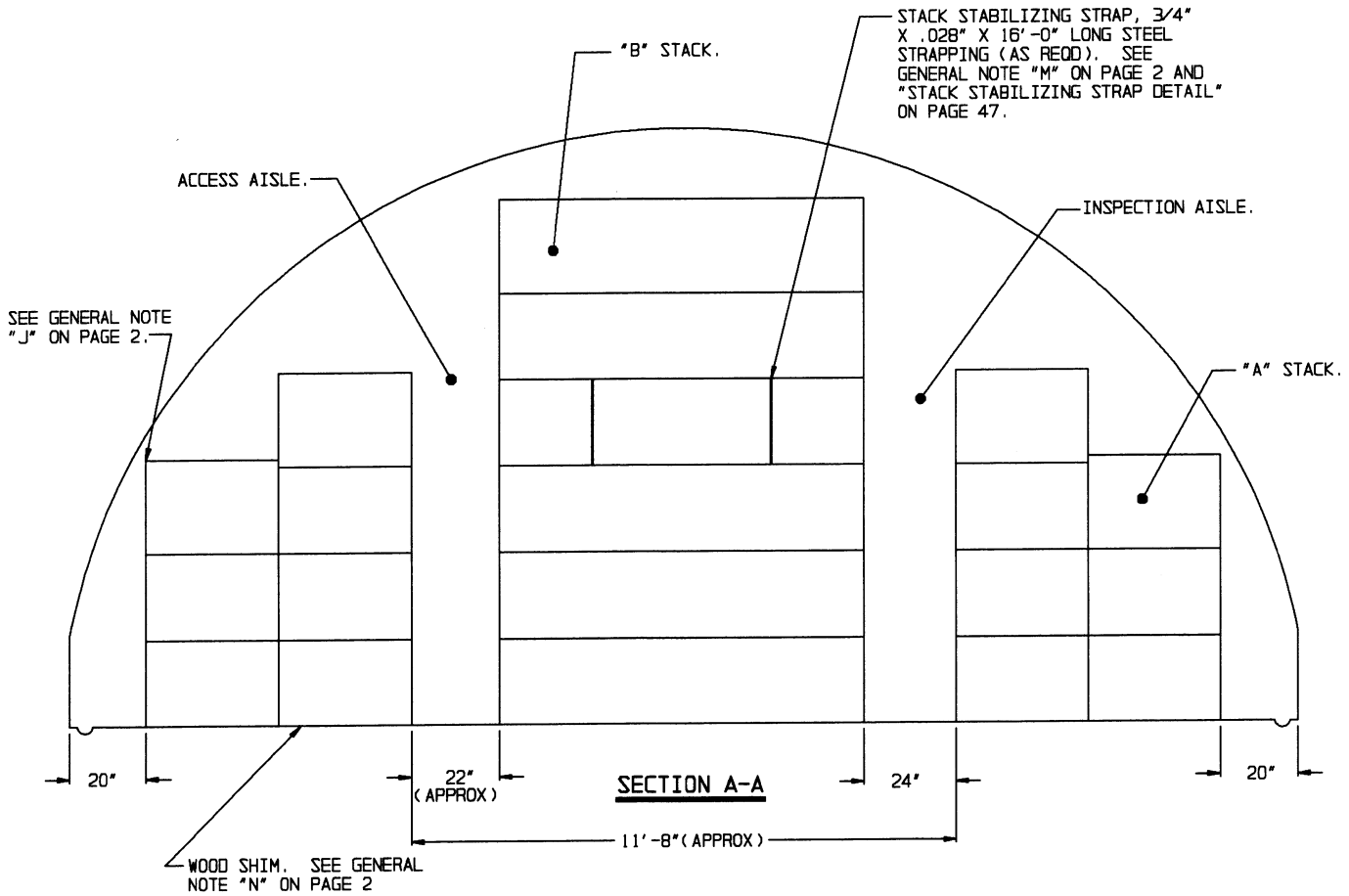
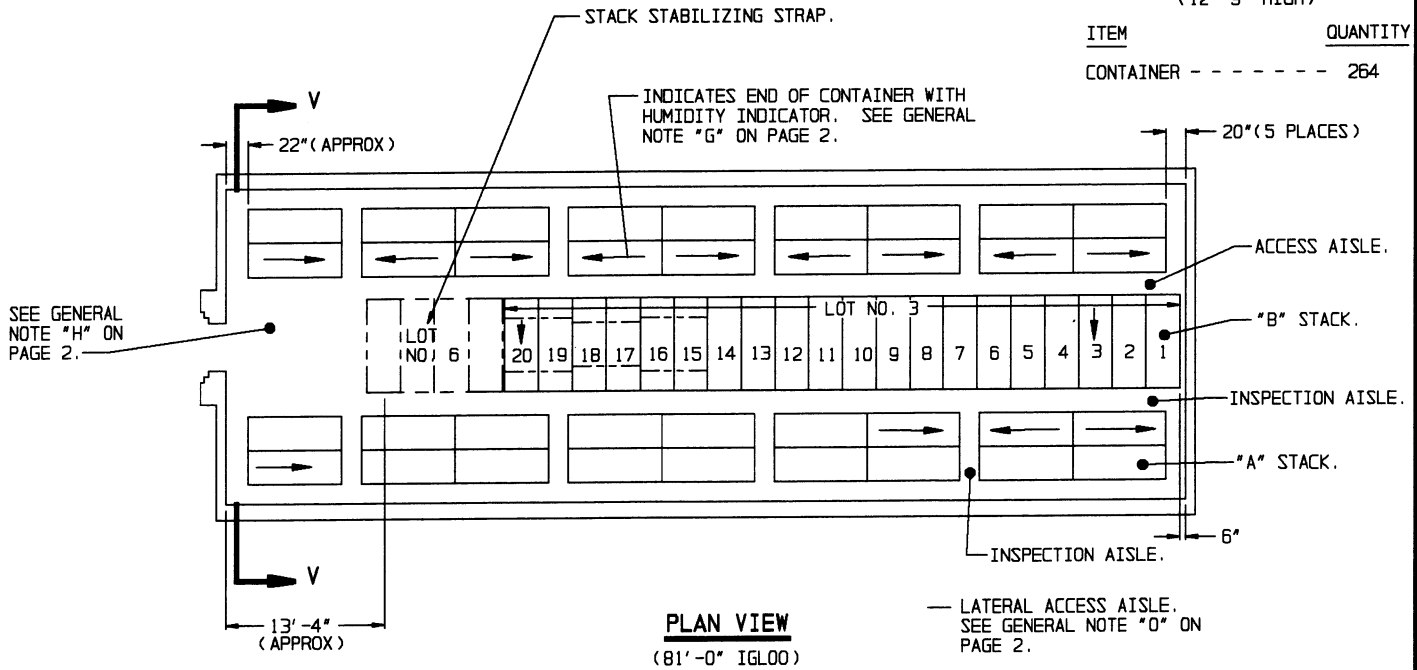
1. UPDATING DRAWING FORMAT, GENERAL NOTES AND MATERIAL SPECIFICATIONS.
2. ADDING PROCEDURES FOR STEEL ARCH MAGAZINES.
3. UPDATING DRAWING FILE NUMBER TO IDENTIFY ALL TYPES OF MAGAZINES DEPICTED IN THE DRAWING.



**CNU-152/E CONTAINER**

**STORAGE IN 81'-0" IGLOO**  
(12'-9" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	264



**STORAGE IN 60'-8" IGL00**

(12'-9" HIGH)

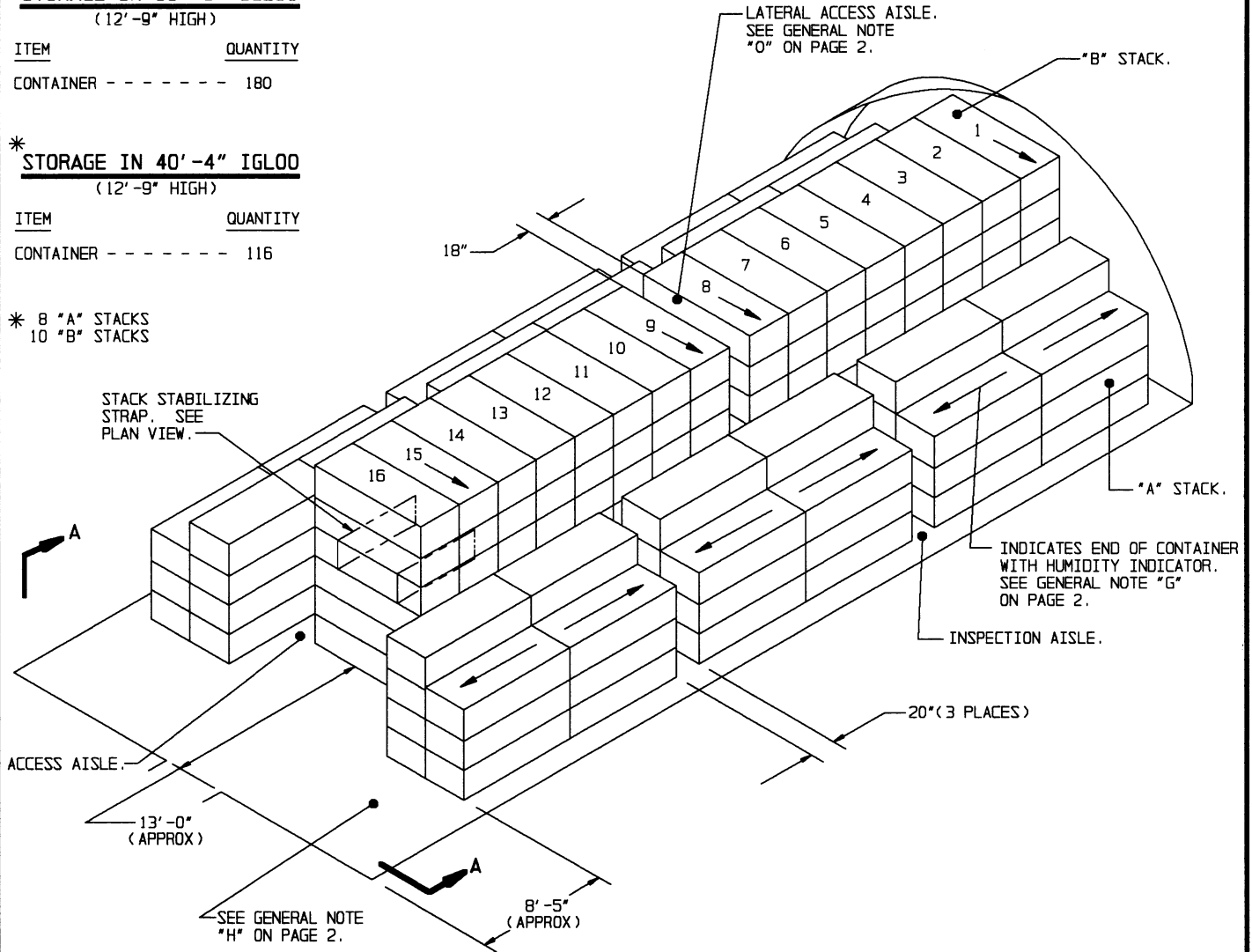
ITEM	QUANTITY
CONTAINER - - - - -	180

**\* STORAGE IN 40'-4" IGL00**

(12'-9" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	116

- \* 8 "A" STACKS
- 10 "B" STACKS



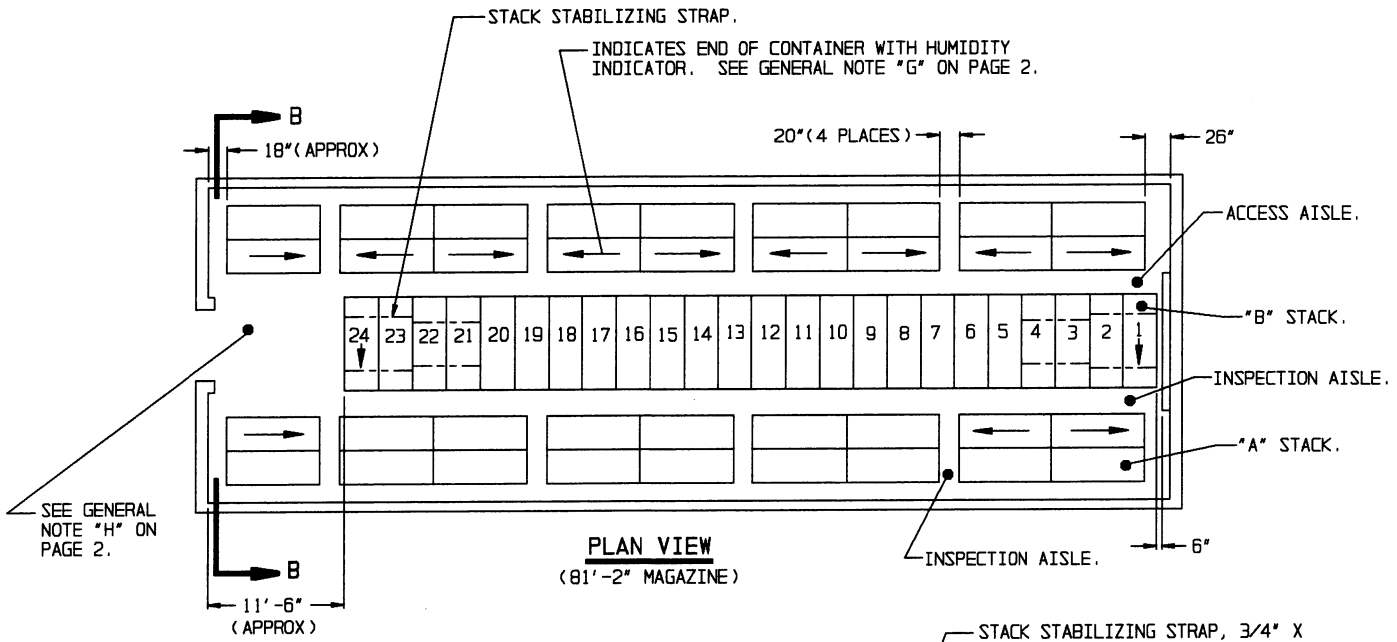
**ISOMETRIC VIEW**

(60'-8" IGL00)

**SPECIAL NOTE:**

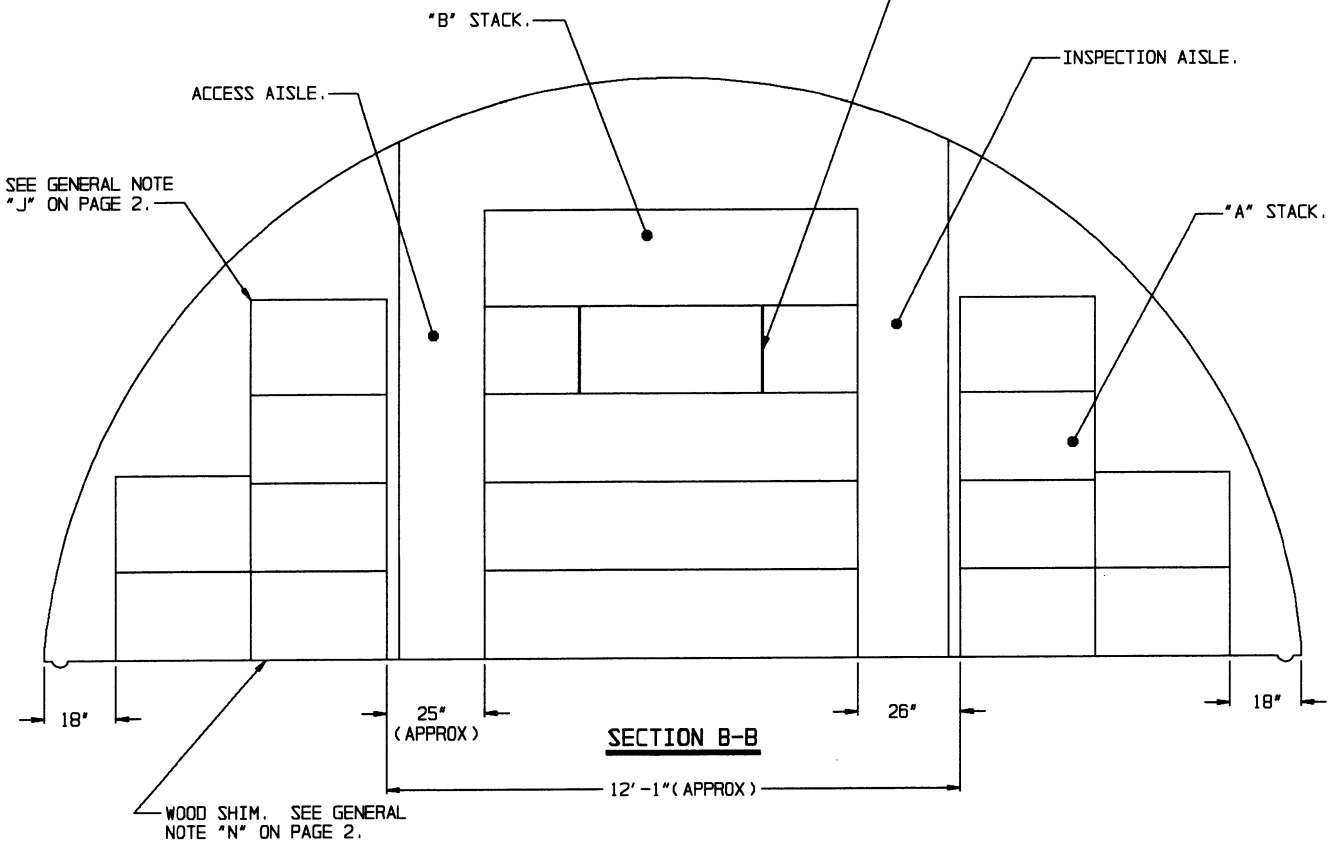
1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



**PLAN VIEW**  
(81'-2" MAGAZINE)

STACK STABILIZING STRAP, 3/4" X .028" X 16'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.



**SECTION B-B**

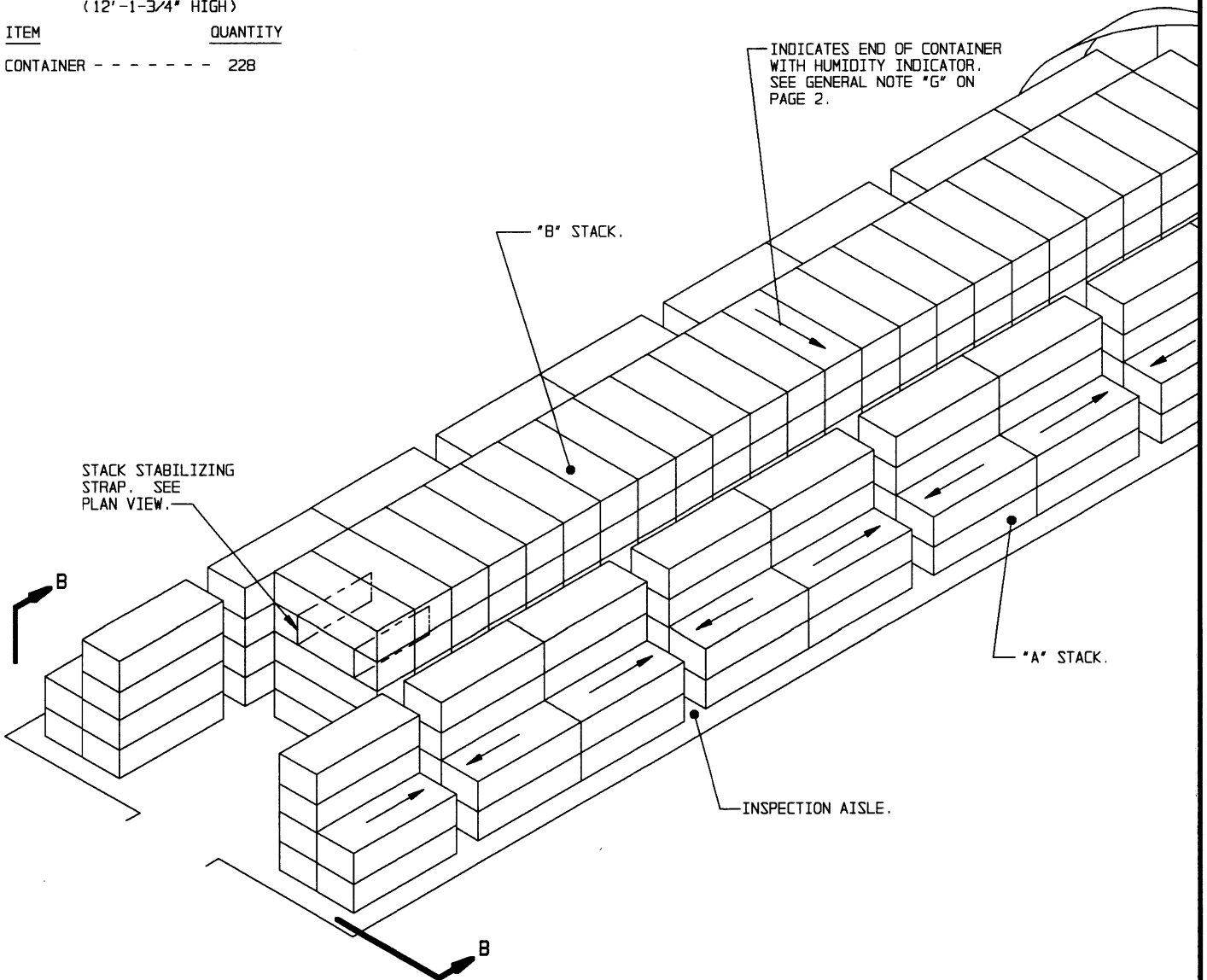
STORAGE PROCEDURES IN 81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE

**STORAGE IN 81'-2" MAGAZINE**

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

ITEM	QUANTITY
CONTAINER - - - - -	228

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.



**ISOMETRIC VIEW**  
(81'-2" MAGAZINE)

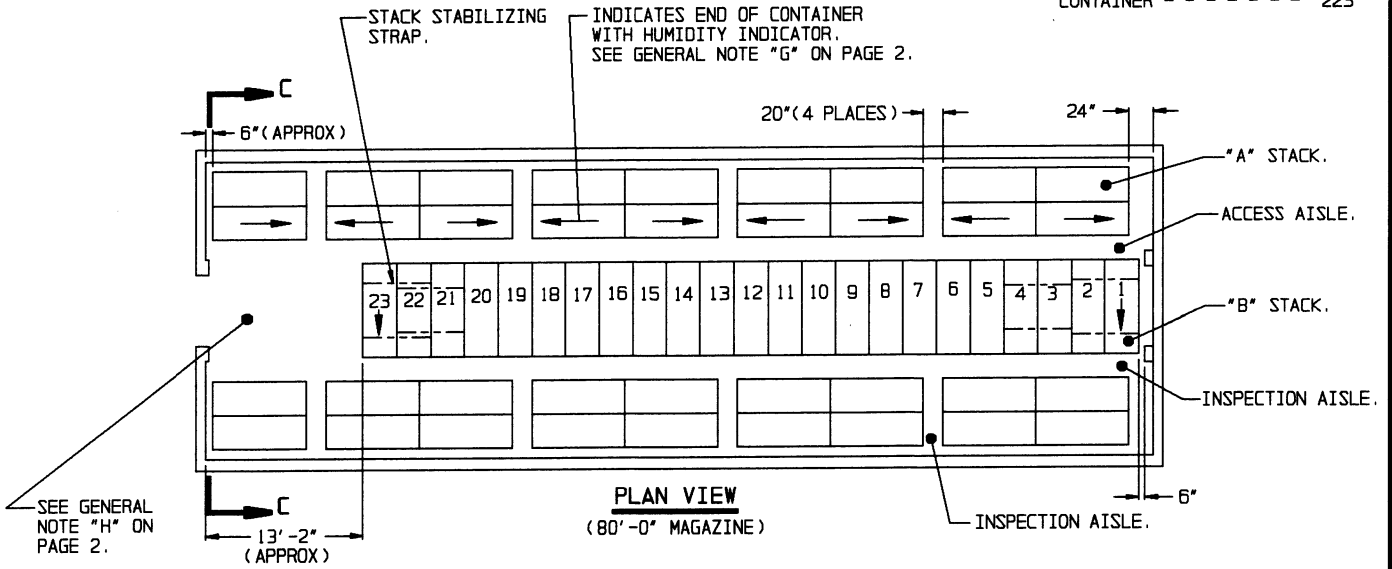
**SPECIAL NOTE:**

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

**STORAGE IN 80'-0" MAGAZINE**  
(12'-1-3/4" HIGH)

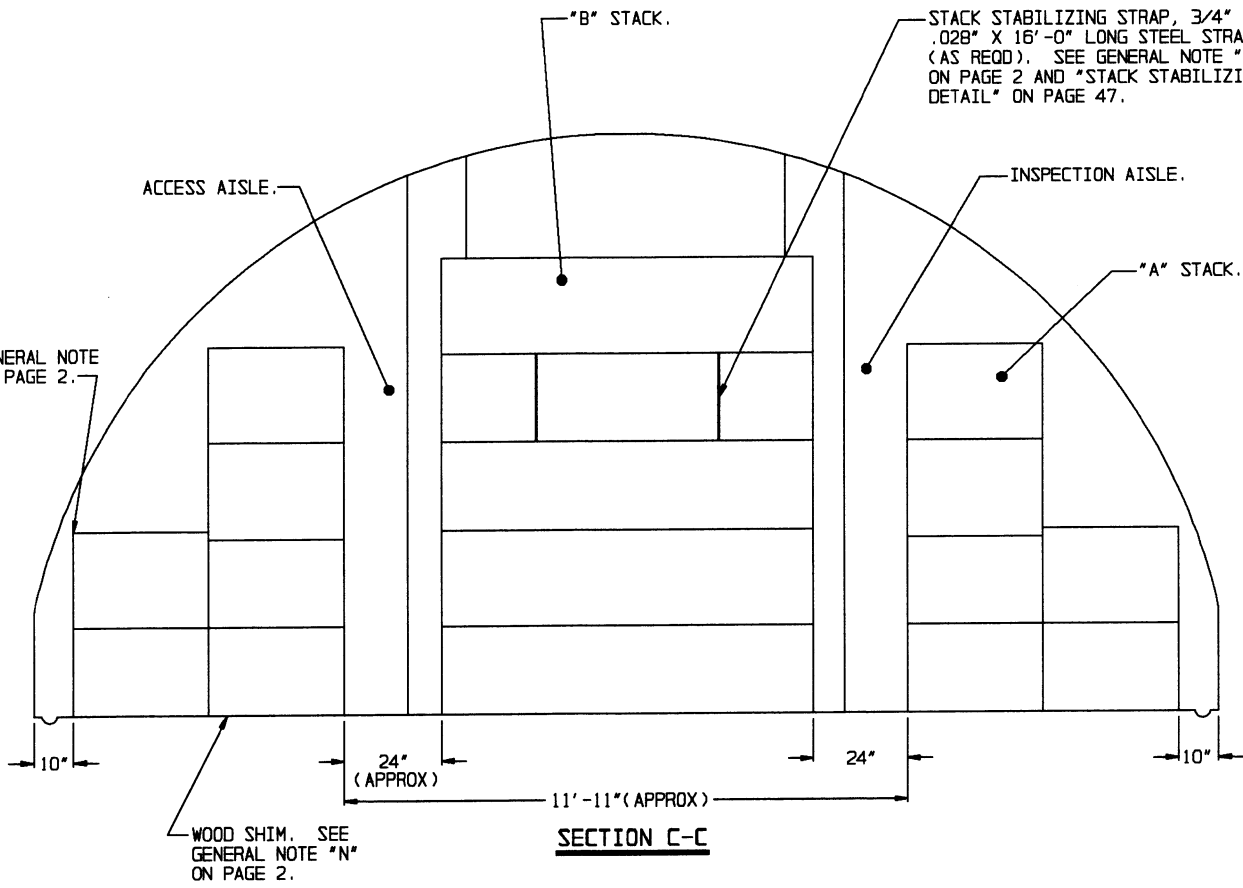
ITEM	QUANTITY
CONTAINER - - - - -	223



SEE GENERAL NOTE "H" ON PAGE 2.

STACK STABILIZING STRAP, 3/4" X .028" X 16'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

SEE GENERAL NOTE "J" ON PAGE 2.

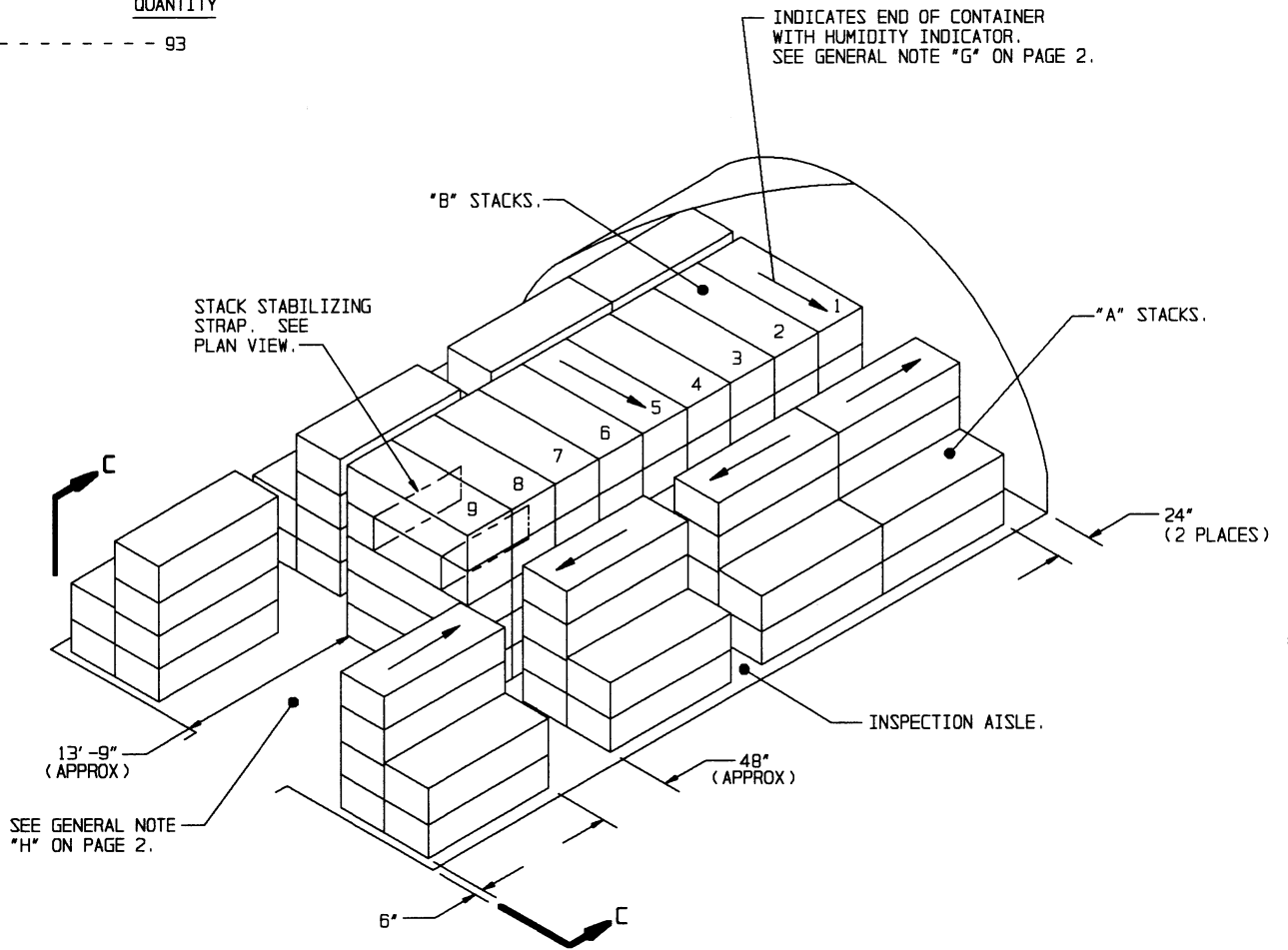




**STORAGE IN 40'-0" MAGAZINE**

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

ITEM	QUANTITY
CONTAINER - - - - -	93



**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

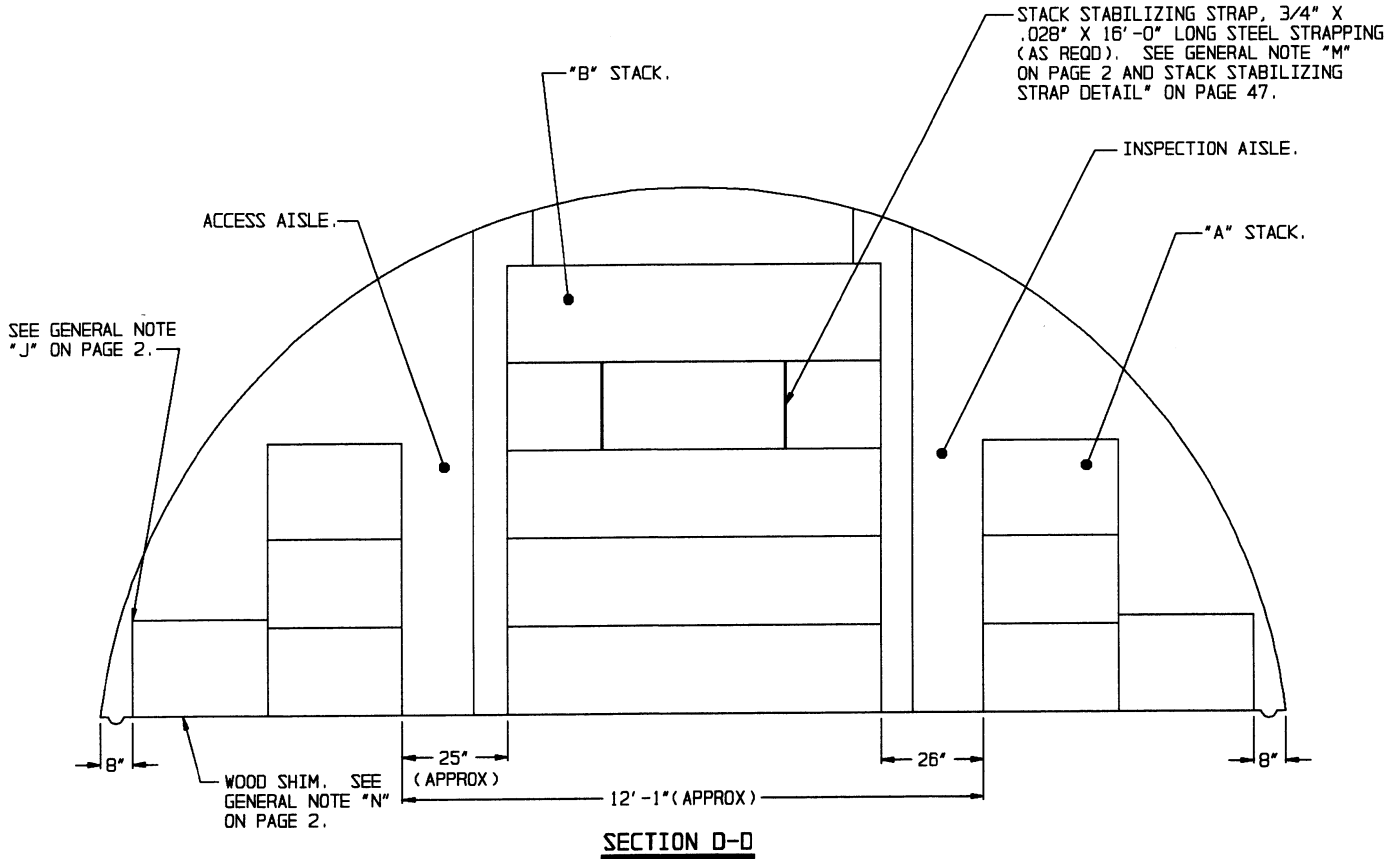
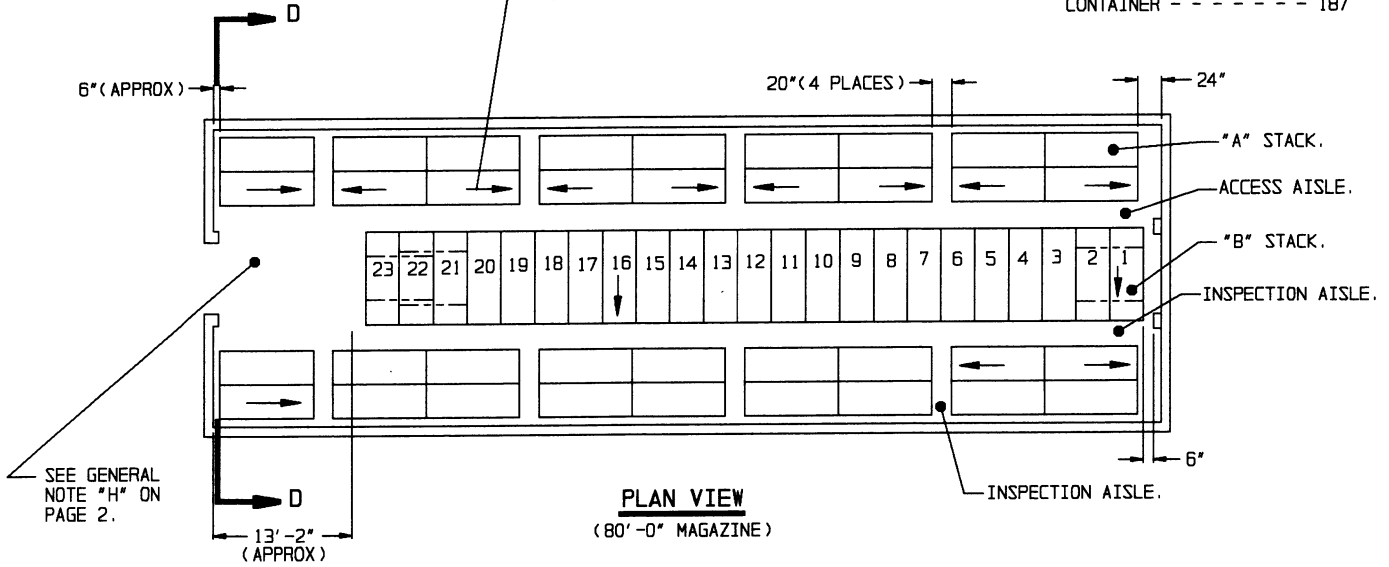
**FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.**

**STORAGE IN 80'-0" MAGAZINE**

(11'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	187

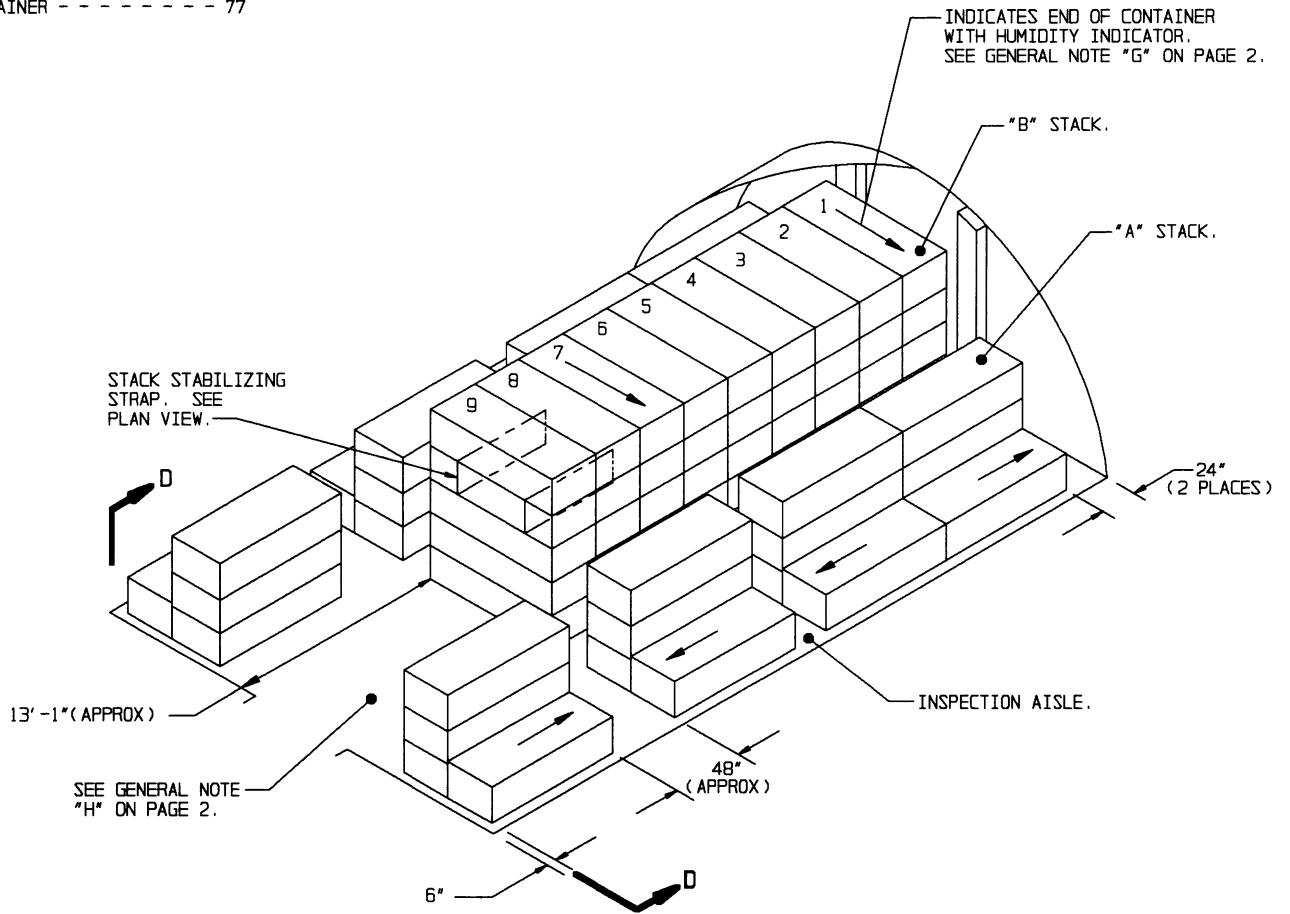
INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.



**STORAGE IN 40'-0" MAGAZINE**

(11'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	77



**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**SPECIAL NOTE:**

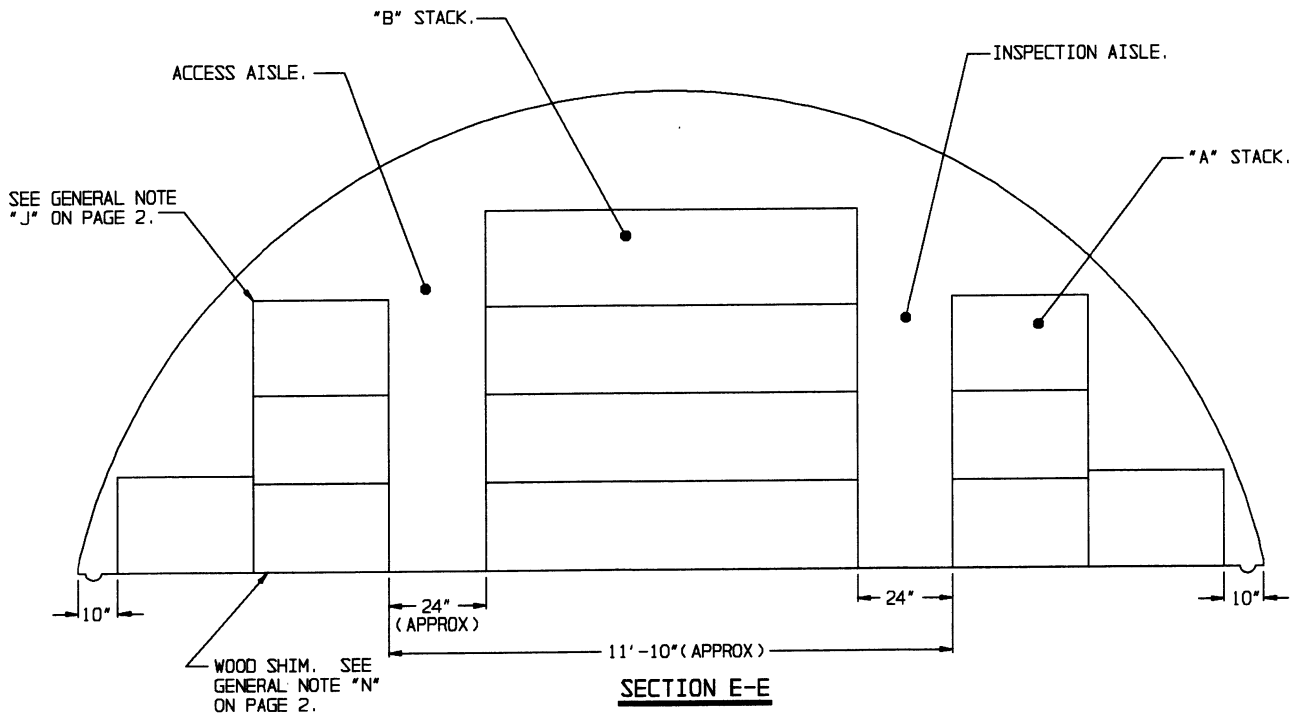
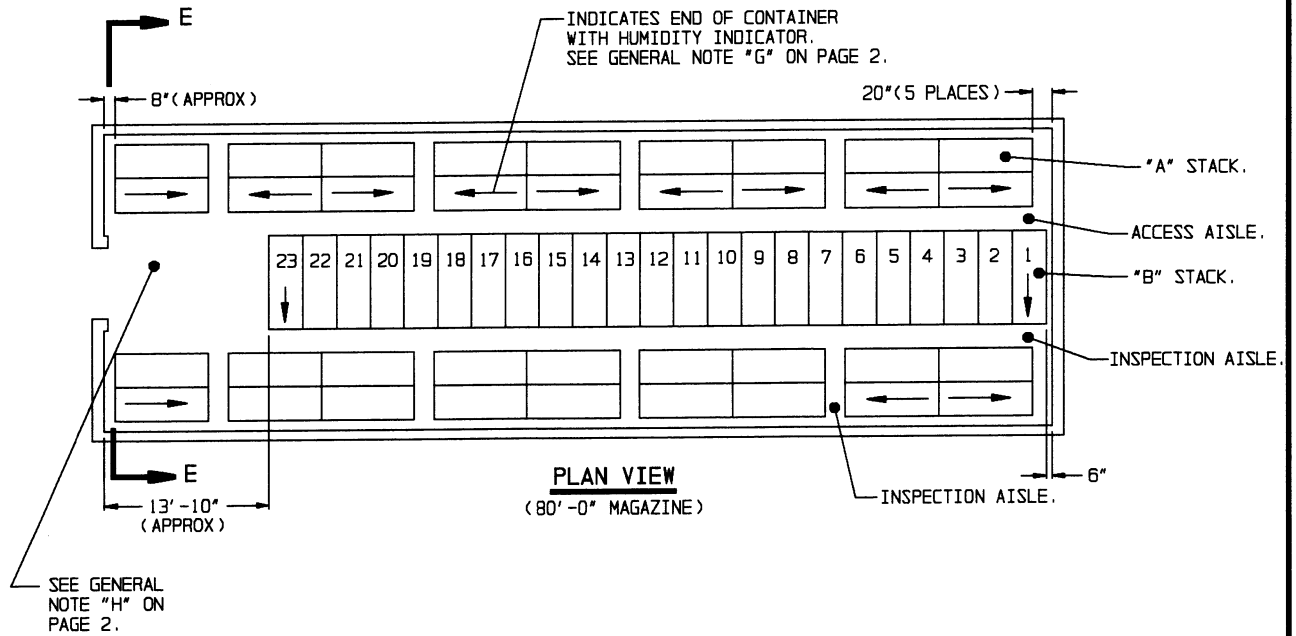
1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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

**STORAGE IN 80'-0" MAGAZINE**

(10'-0" HIGH)

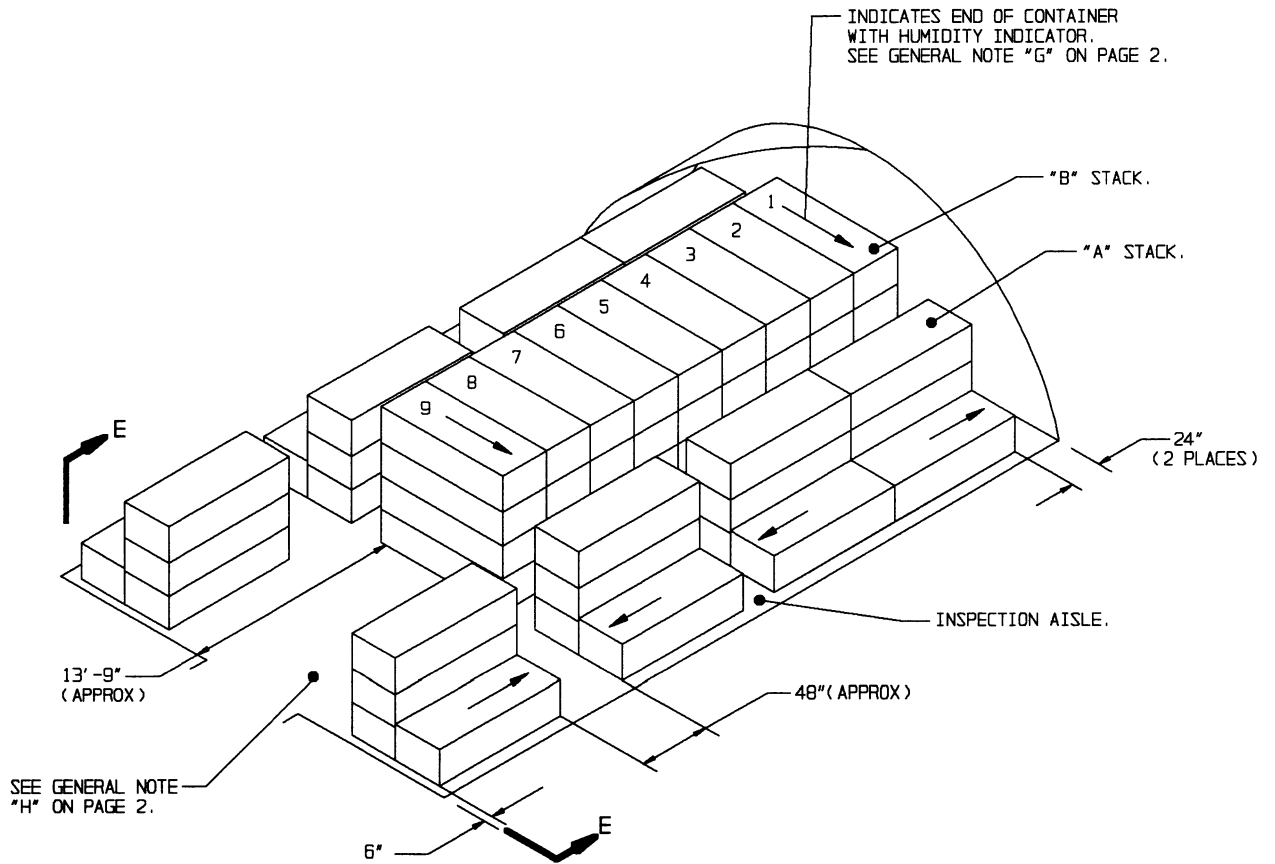
ITEM	QUANTITY
CONTAINER - - - - -	164



**STORAGE IN 40'-0" MAGAZINE**

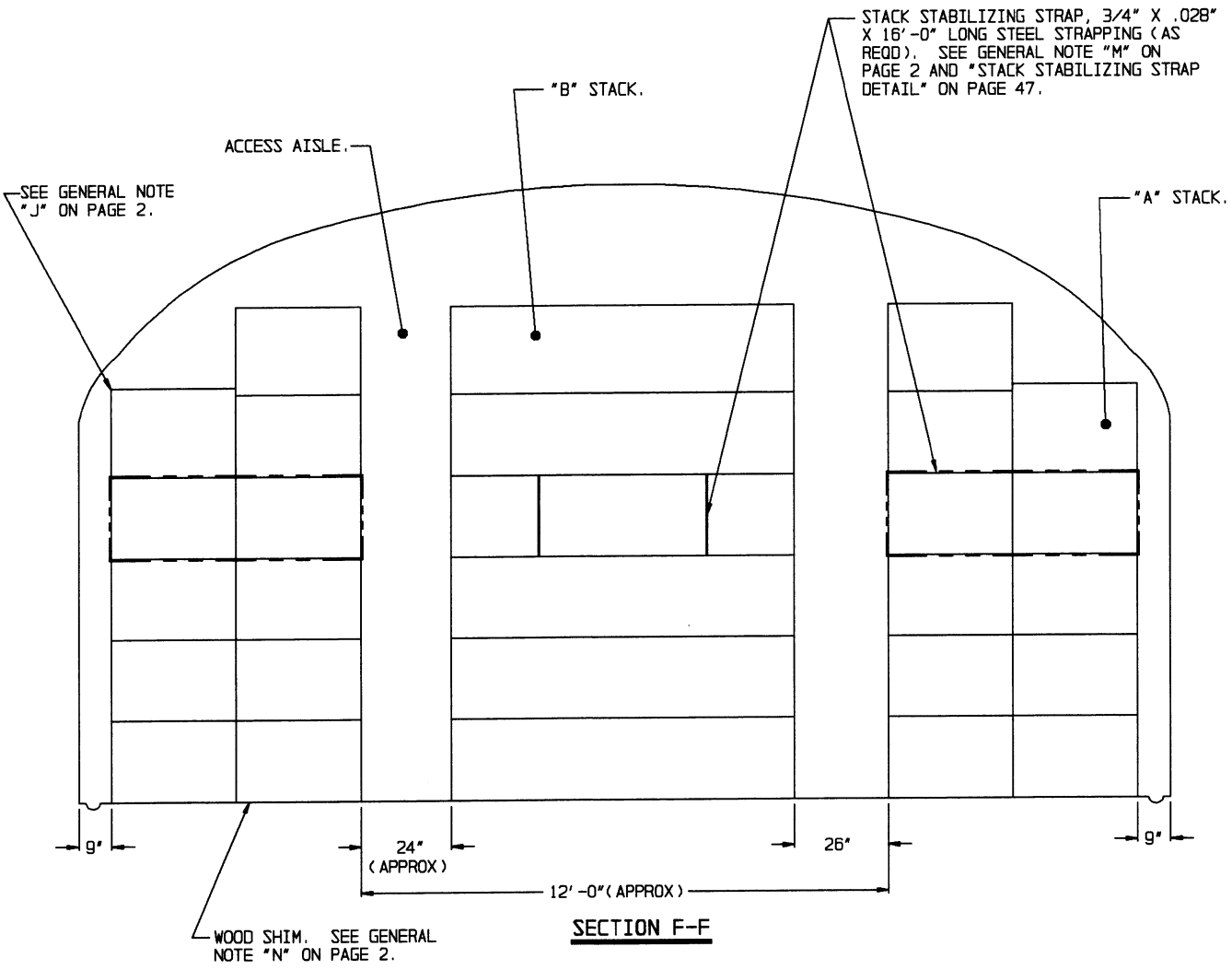
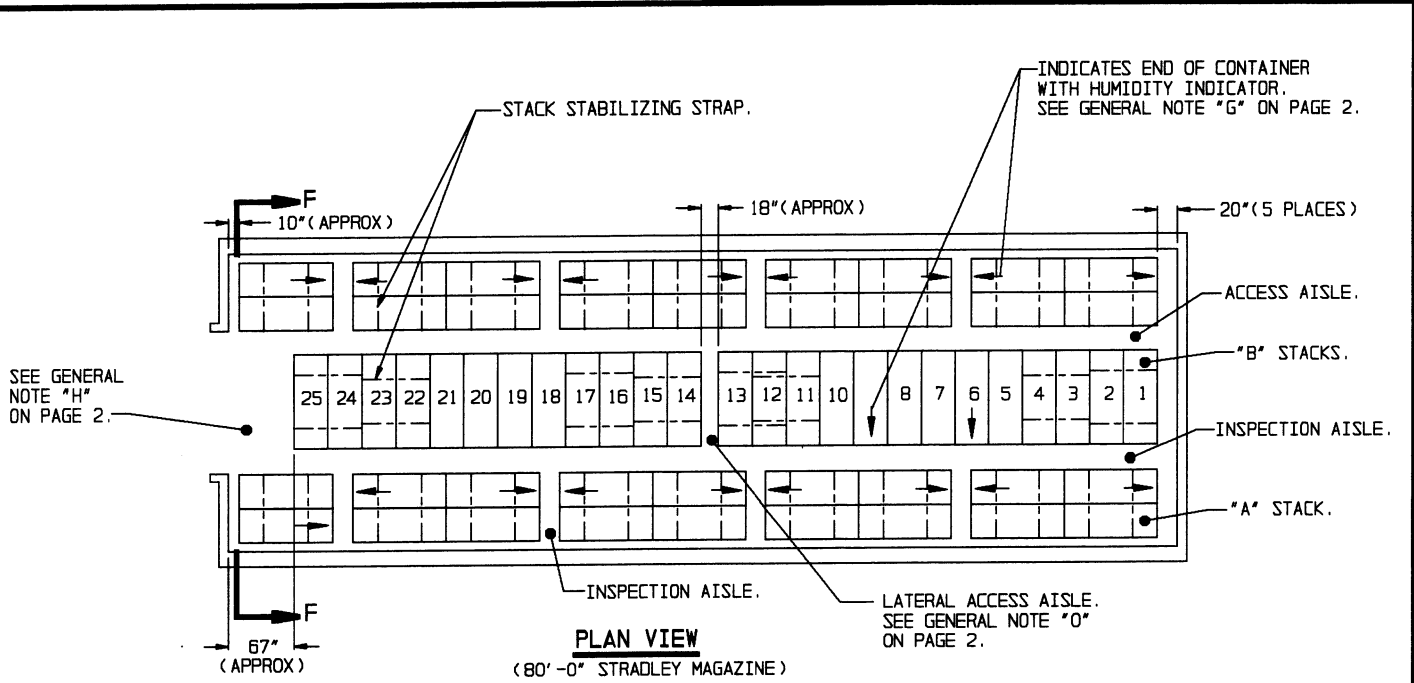
(10'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	68



**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

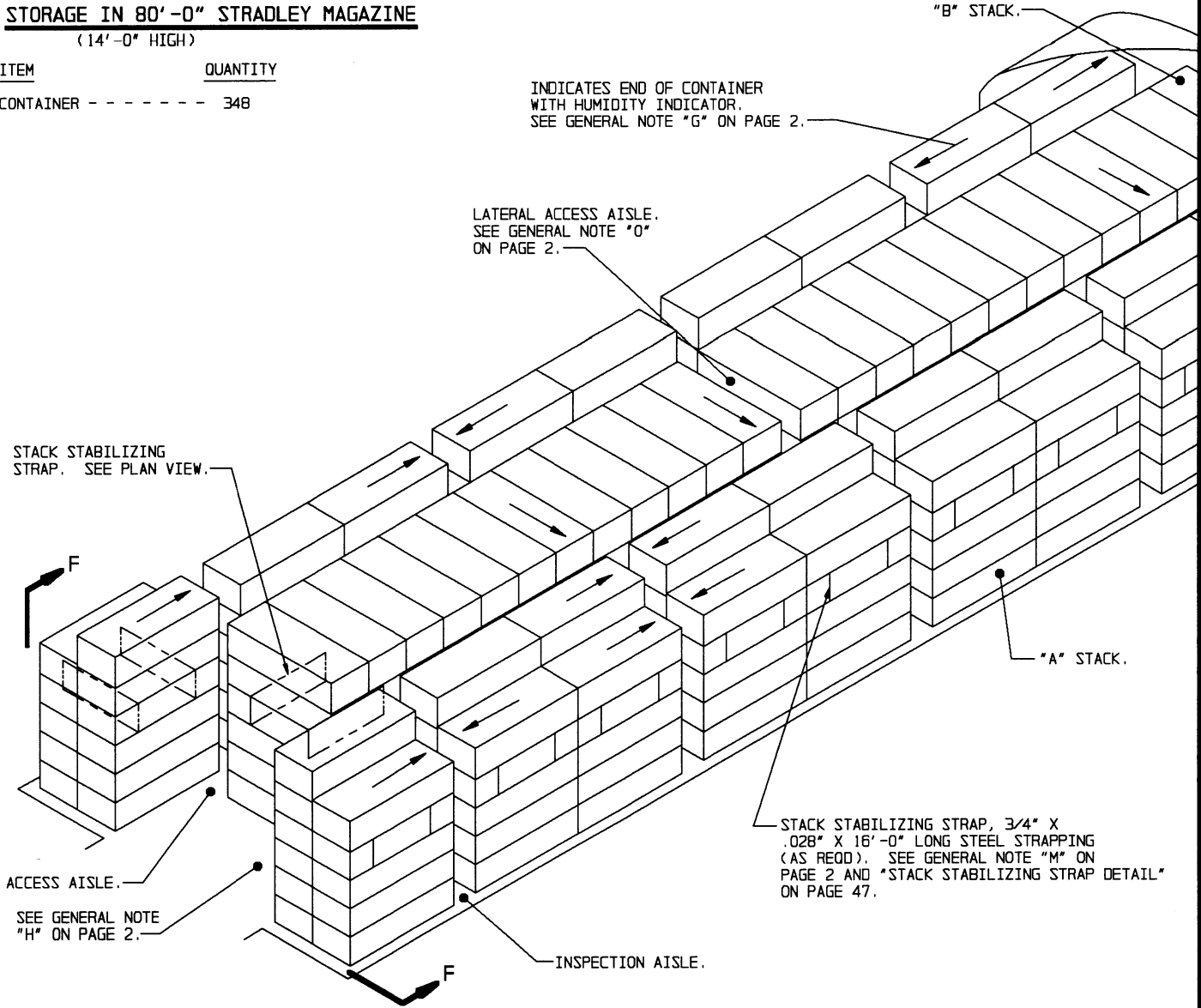
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



**STORAGE IN 80'-0" STRADLEY MAGAZINE**

(14'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	348



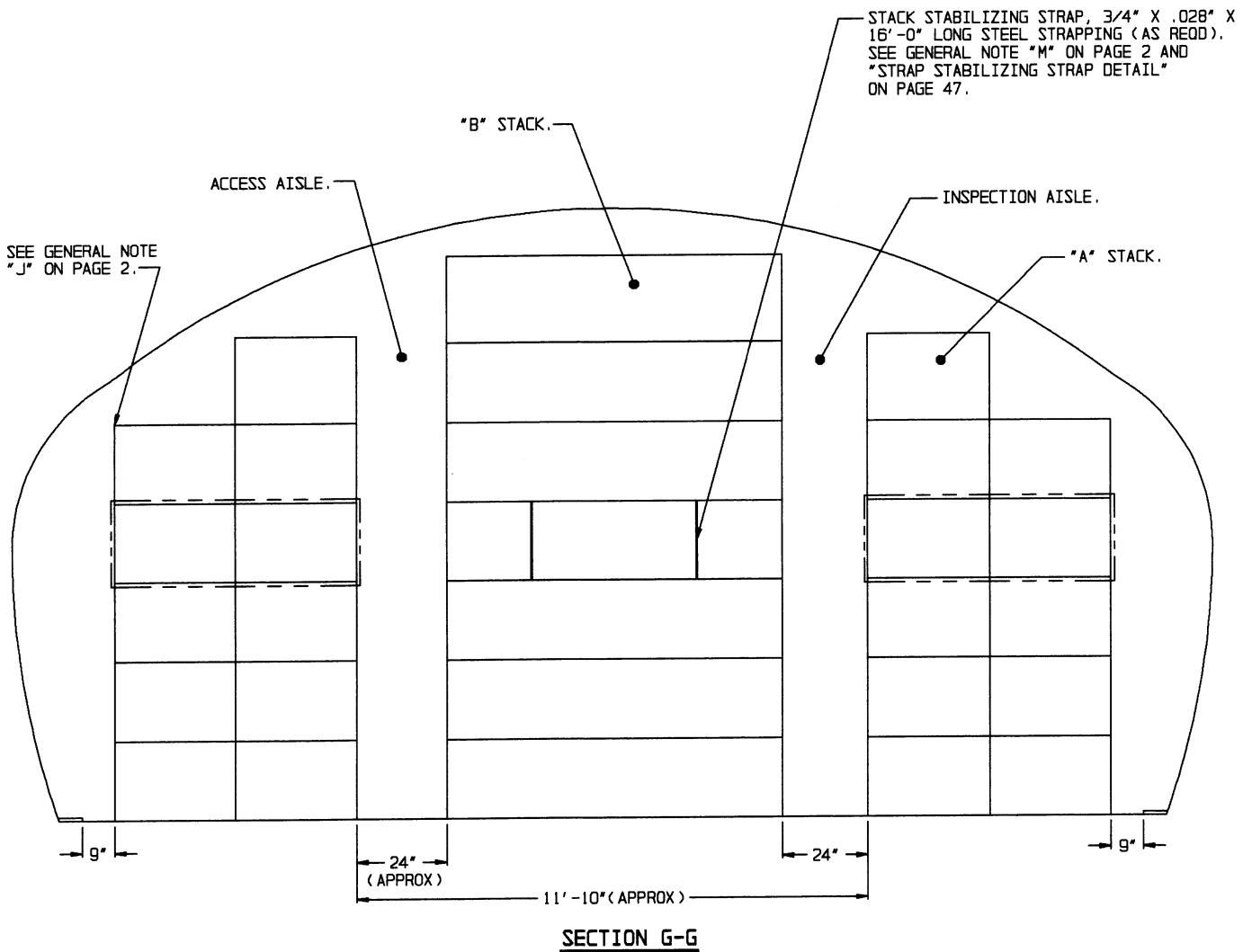
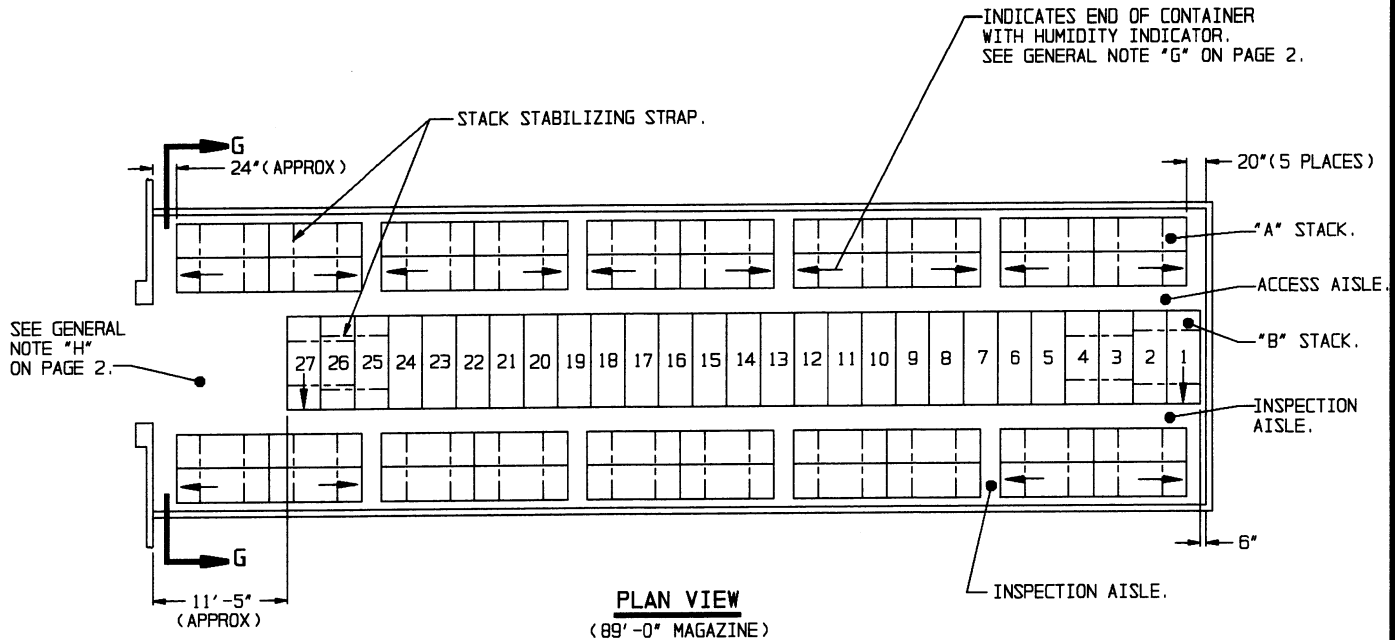
**ISOMETRIC VIEW**

(80'-0" MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



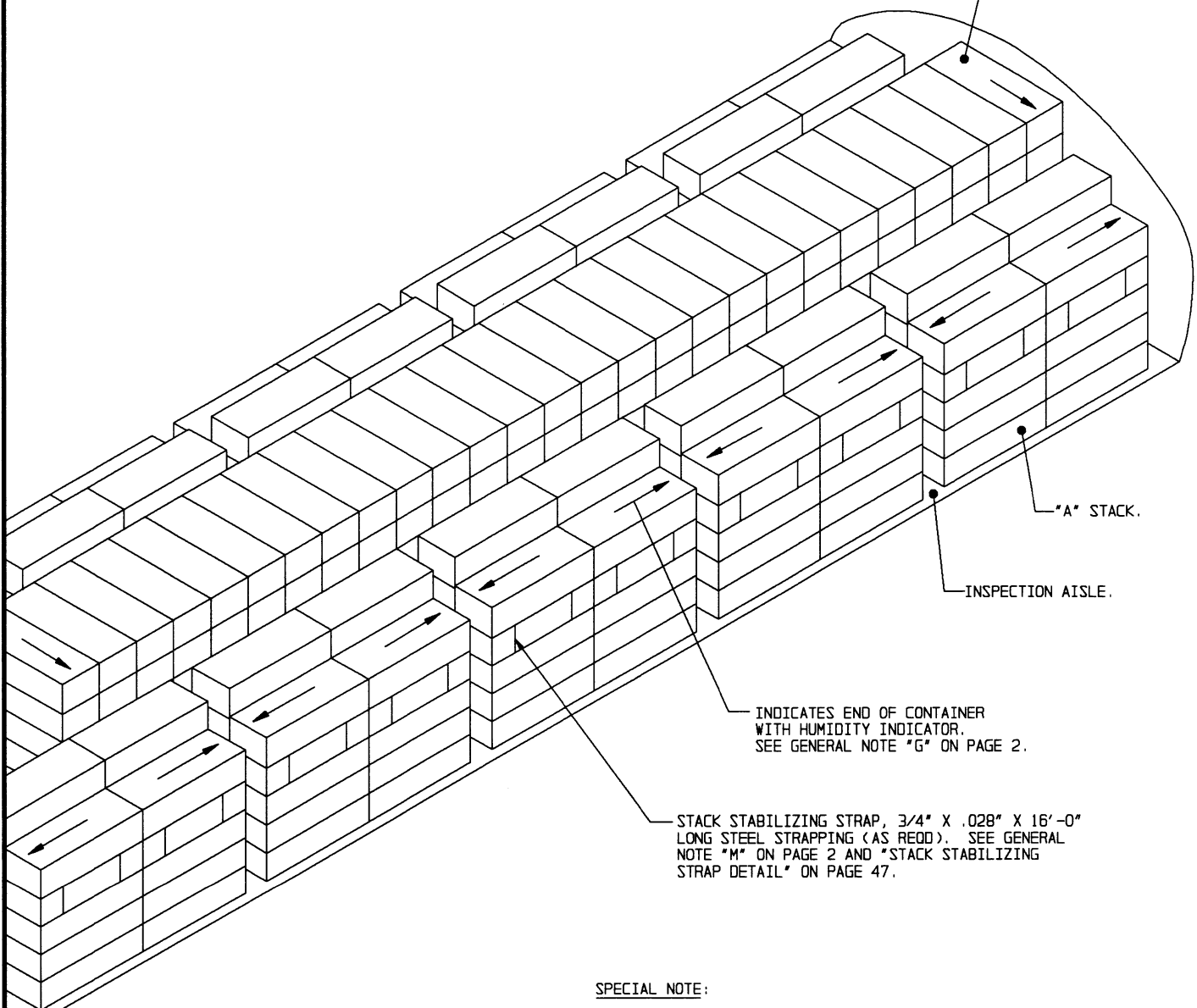


**STORAGE IN 89'-0" MAGAZINE**

(14'-4" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	409

"B" STACK. SEE PLAN VIEW FOR STACK STABILIZING STRAP REQUIRED.



"A" STACK.

INSPECTION AISLE.

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.

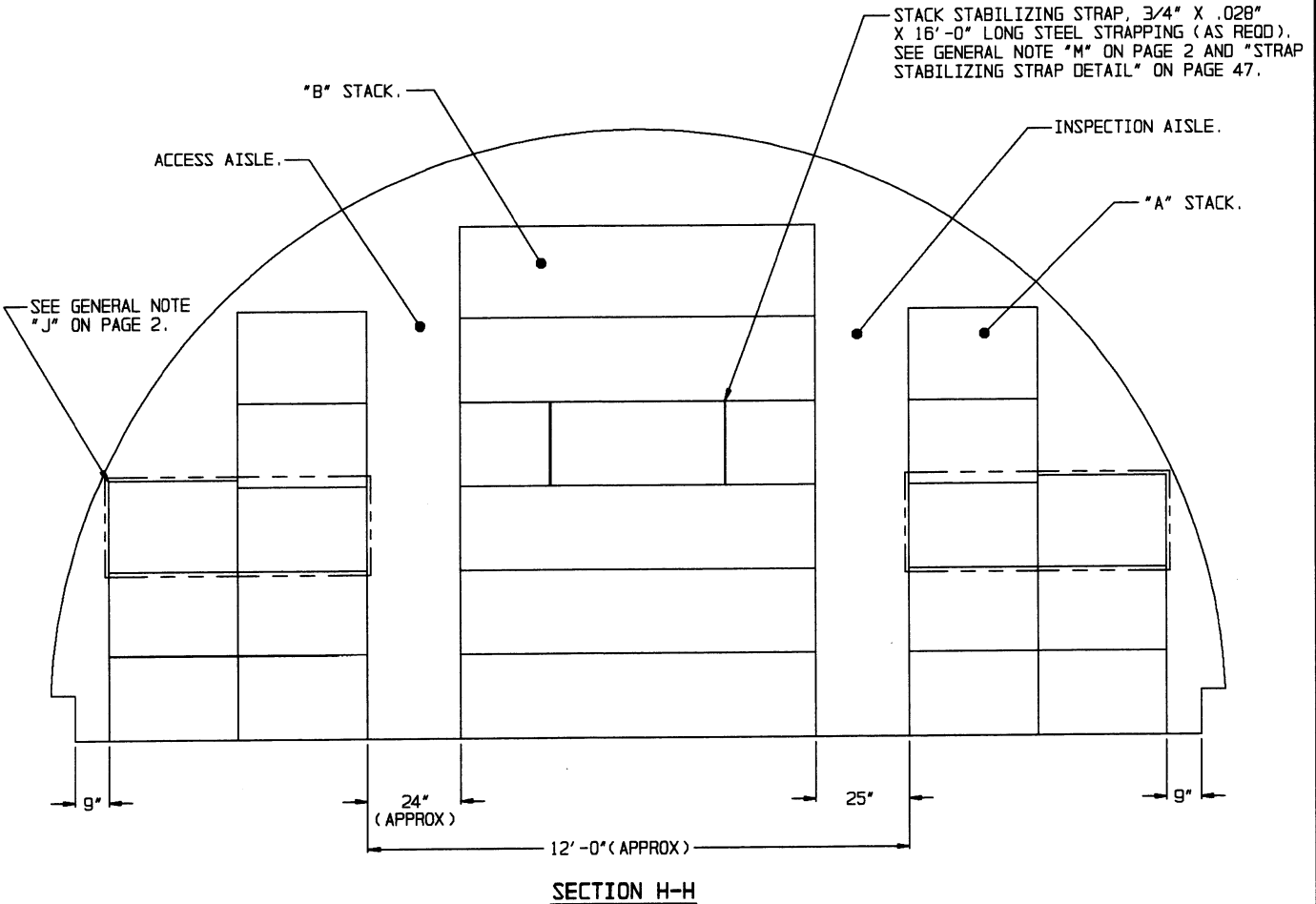
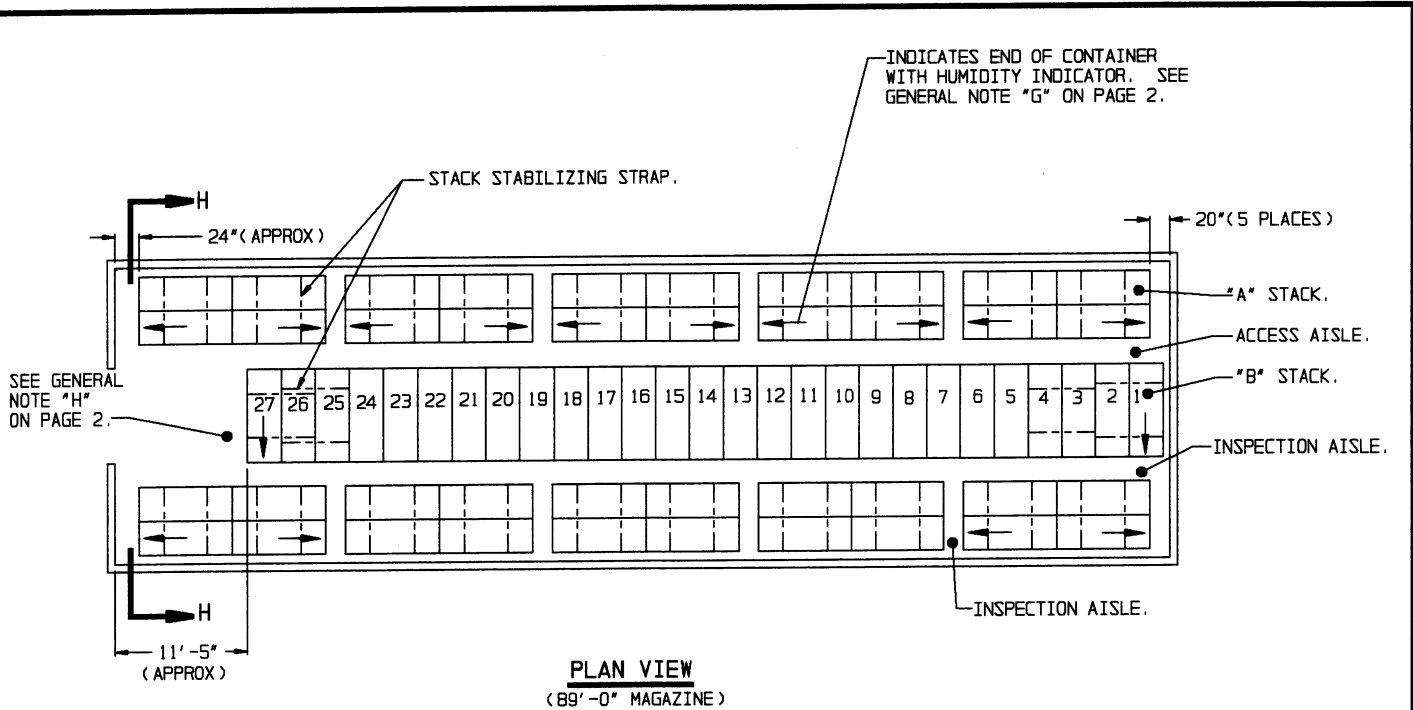
STACK STABILIZING STRAP, 3/4" X .028" X 16'-0" LONG STEEL STRAPPING (AS RECD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

SPECIAL NOTE:

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

ISOMETRIC VIEW  
(89'-0" MAGAZINE)

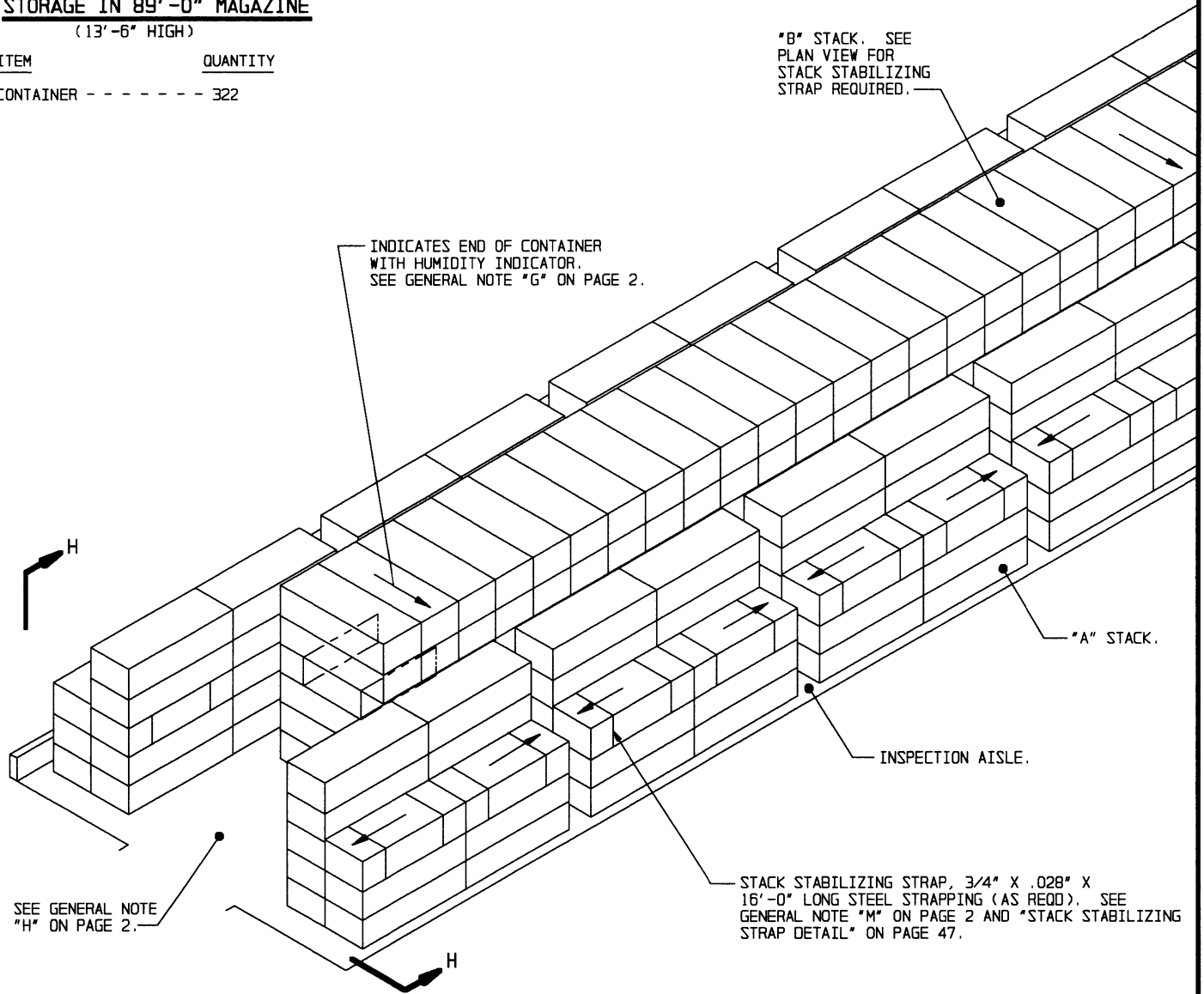
FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.



**STORAGE IN 89'-0" MAGAZINE**

(13'-6" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	322



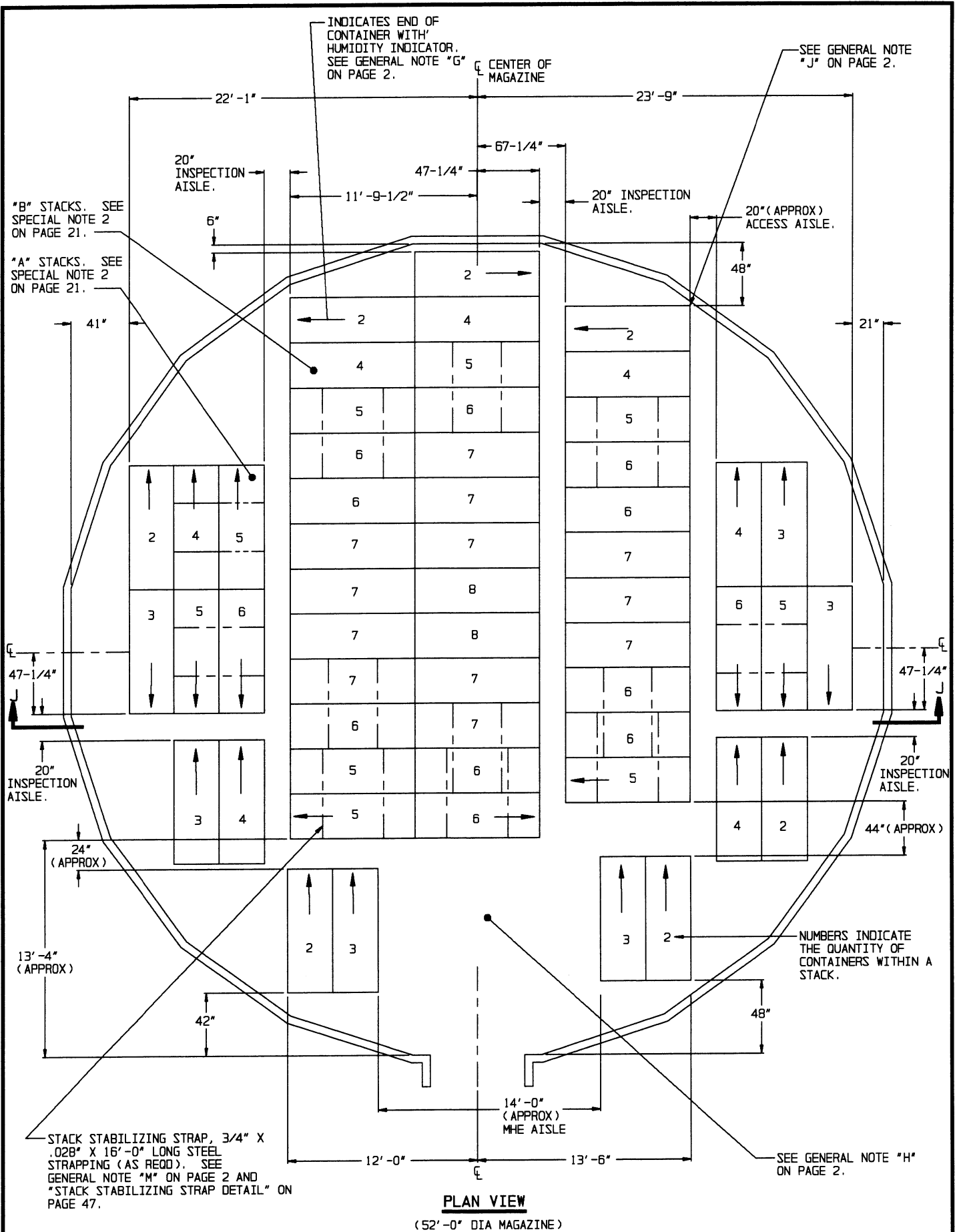
**ISOMETRIC VIEW**

(89'-0" STEEL ARCH MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE THIRD AND FOURTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



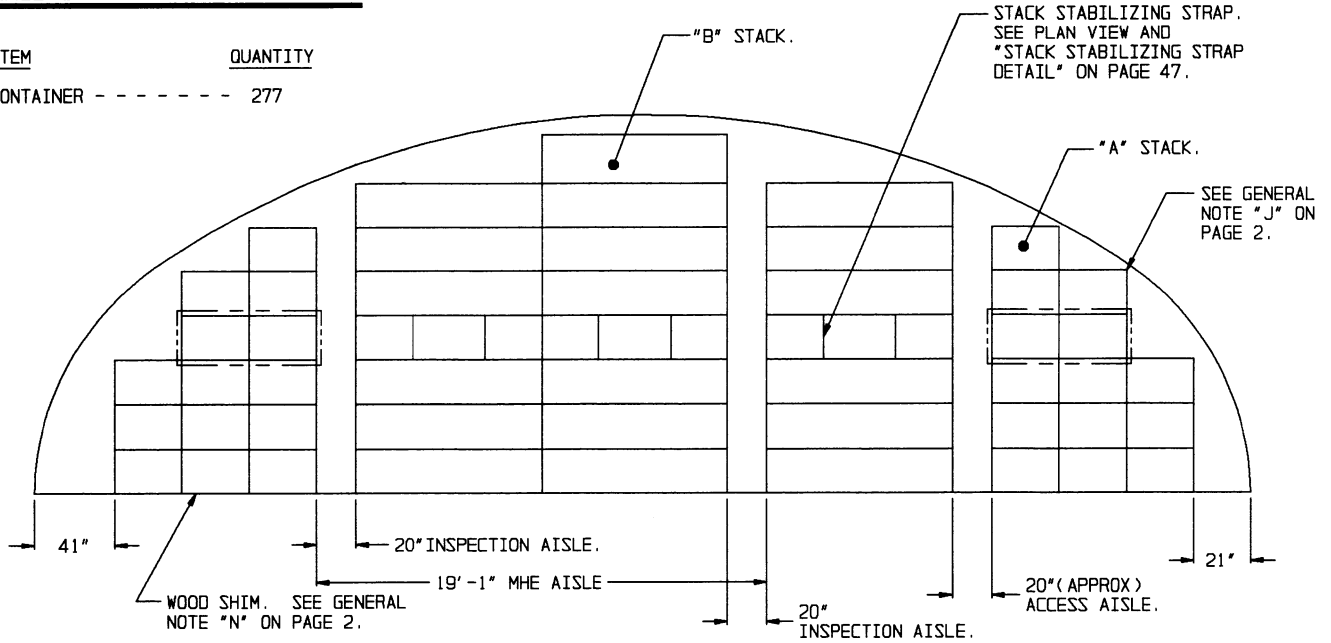
**PLAN VIEW**

(52'-0" DIA MAGAZINE)

**STORAGE PROCEDURES IN 52'-0" DIA CORBETTA MAGAZINE**

**STORAGE IN 52'-0" DIA MAGAZINE**

ITEM	QUANTITY
CONTAINER - - - - -	277

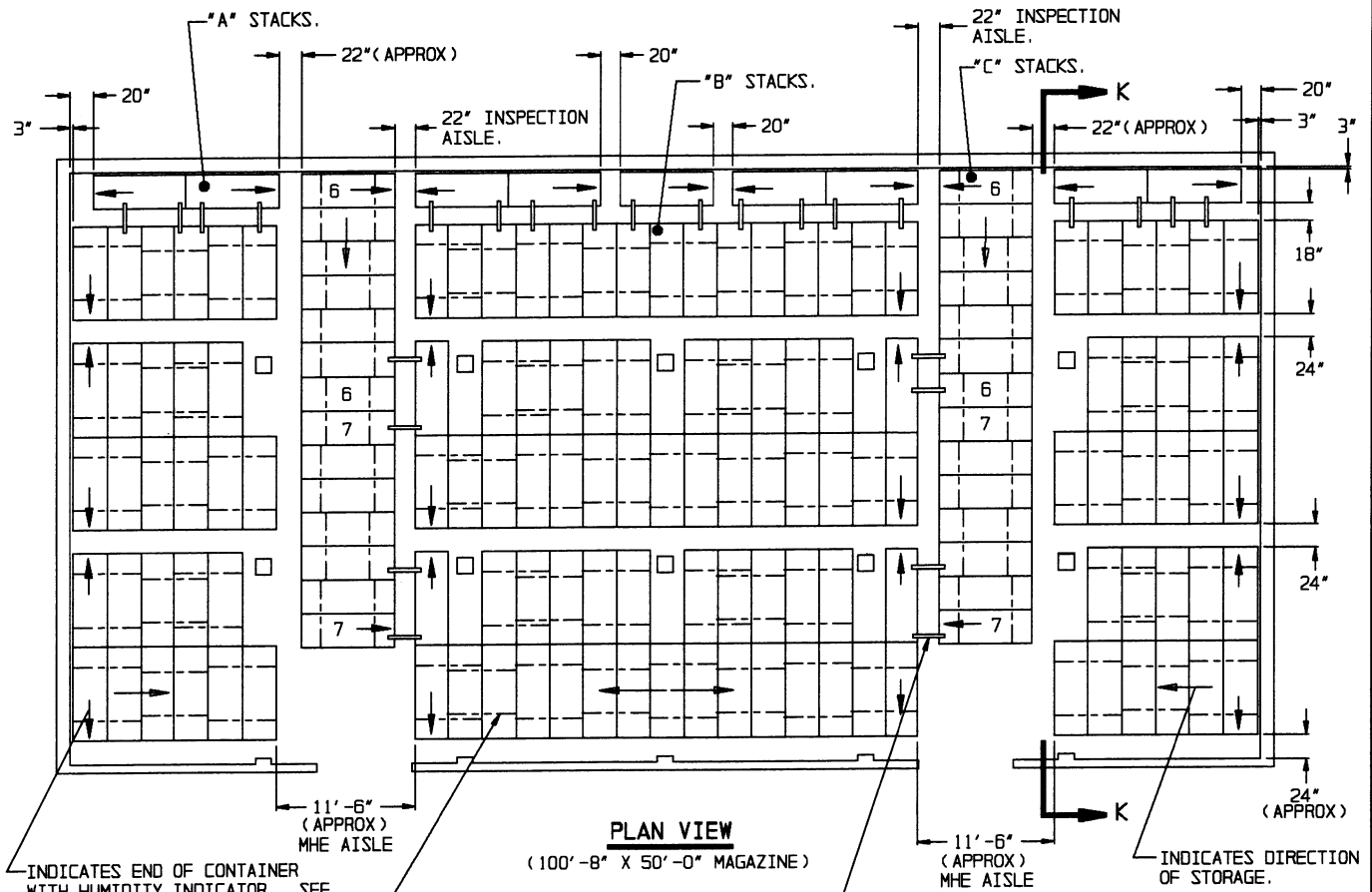


**SECTION J-J**

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.
2. DIRECTION OF STORAGE FOR SIDE STACKS ("A" STACKS) WILL BE FROM THE SIDE OF THE MAGAZINE TOWARD THE CENTER AND THE DIRECTION OF STORAGE FOR CENTER STACKS ("B" STACKS) WILL BE FROM THE REAR OF THE MAGAZINE TOWARD THE DOOR.

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

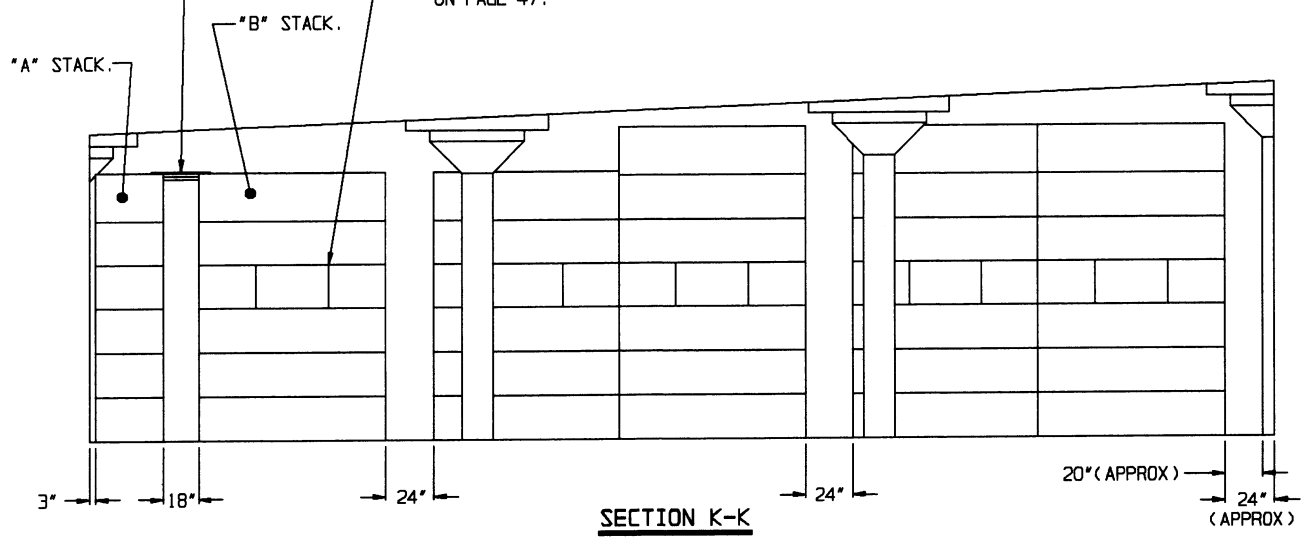


**PLAN VIEW**  
(100'-8" X 50'-0" MAGAZINE)

STACK STABILIZING ASSEMBLY (AS REQD). SEE SPECIAL NOTE ON PAGE 23.

STACK STABILIZING ASSEMBLY (AS REQD). SEE SPECIAL NOTE ON PAGE 23.

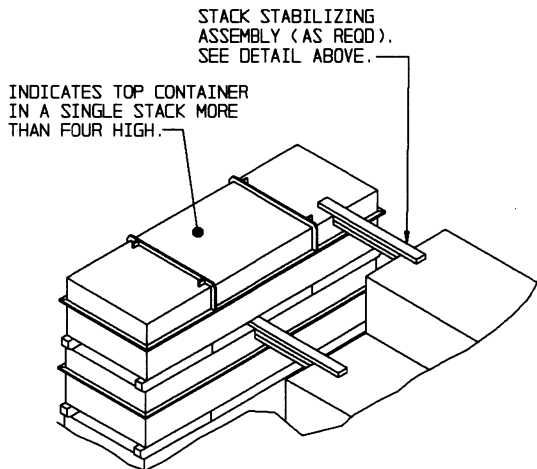
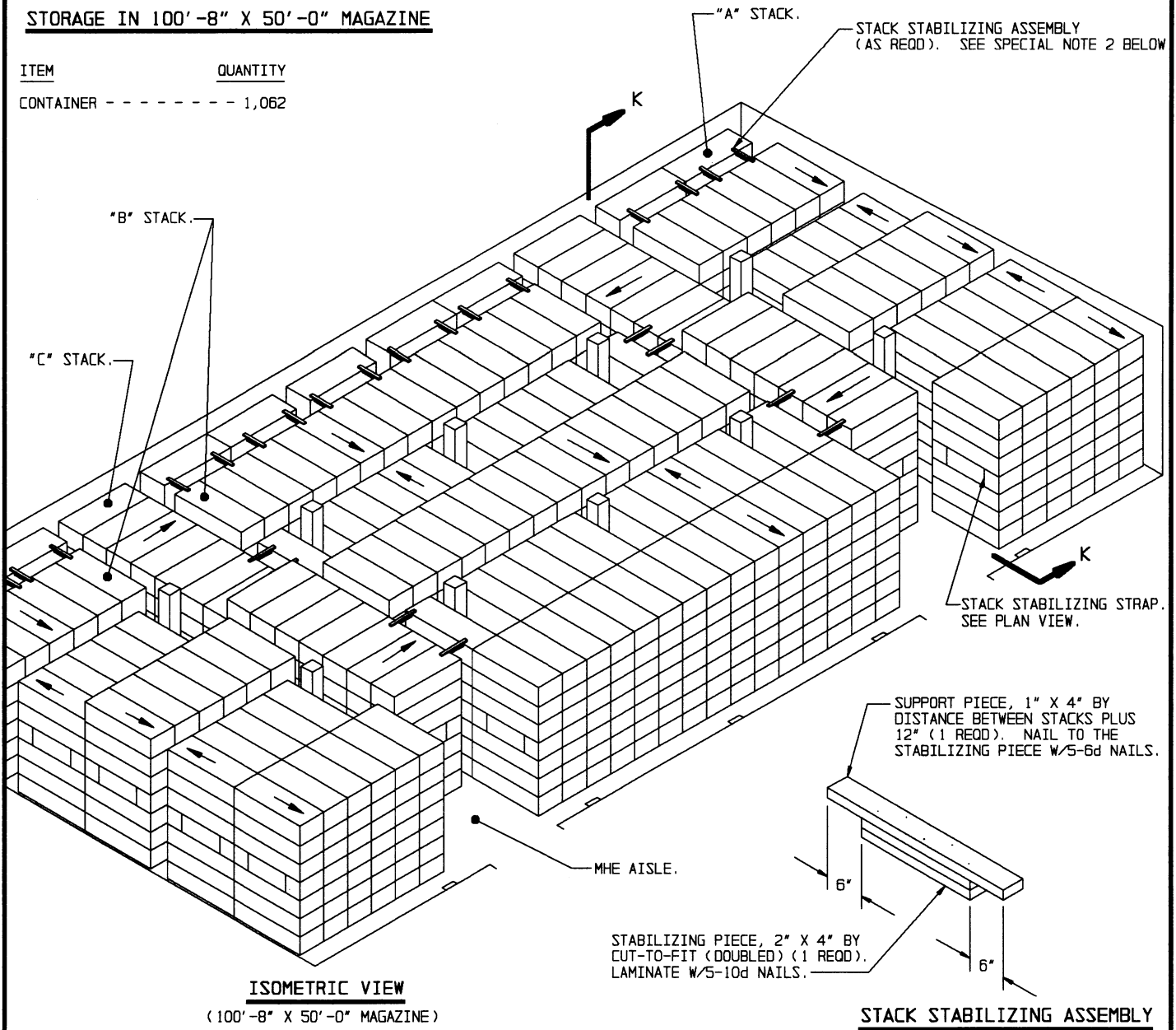
STACK STABILIZING STRAP 3/4" X .020" X 16'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.



**SECTION K-K**

**STORAGE IN 100'-8" X 50'-0" MAGAZINE**

ITEM	QUANTITY
CONTAINER - - - - -	1,062



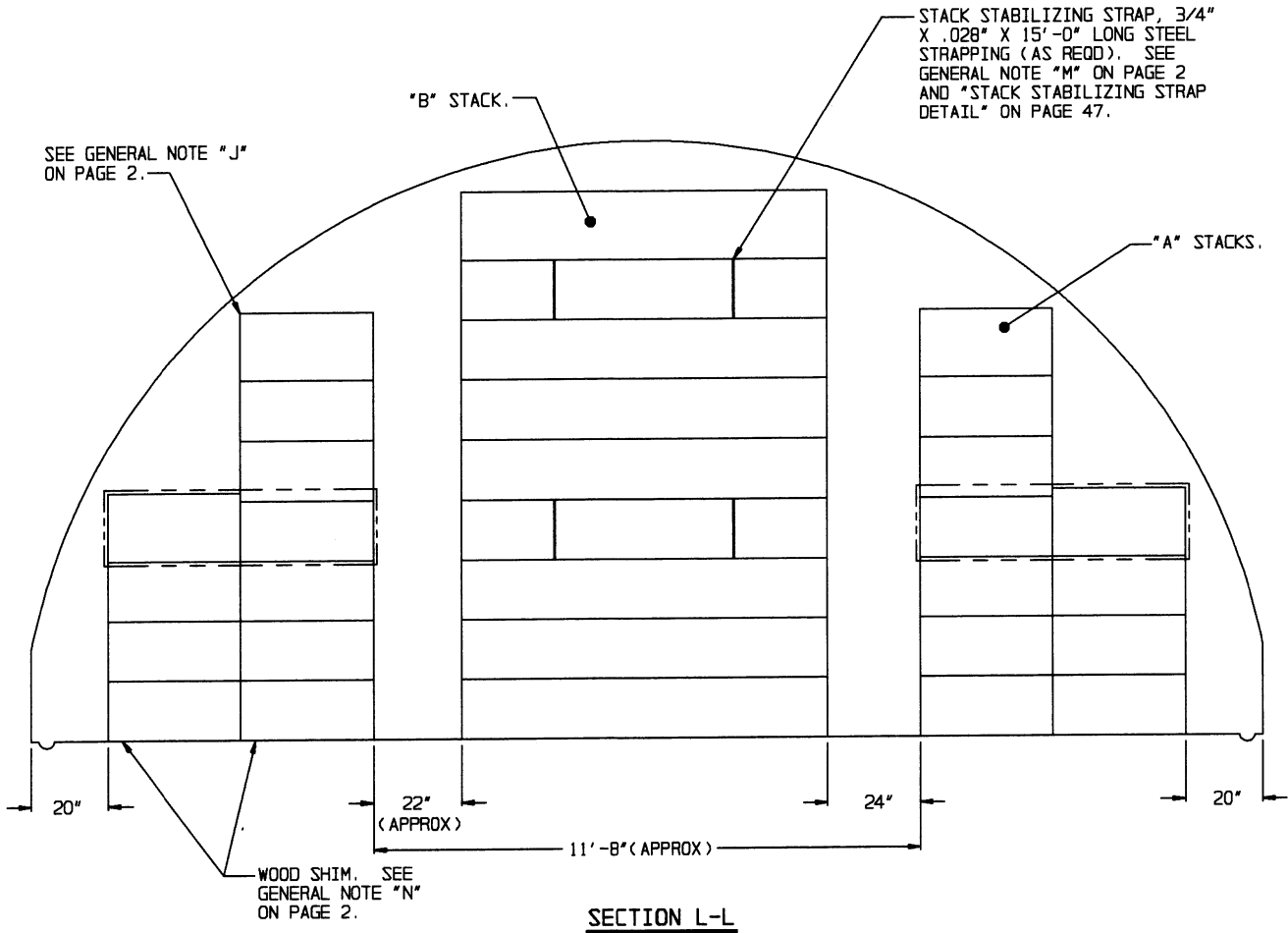
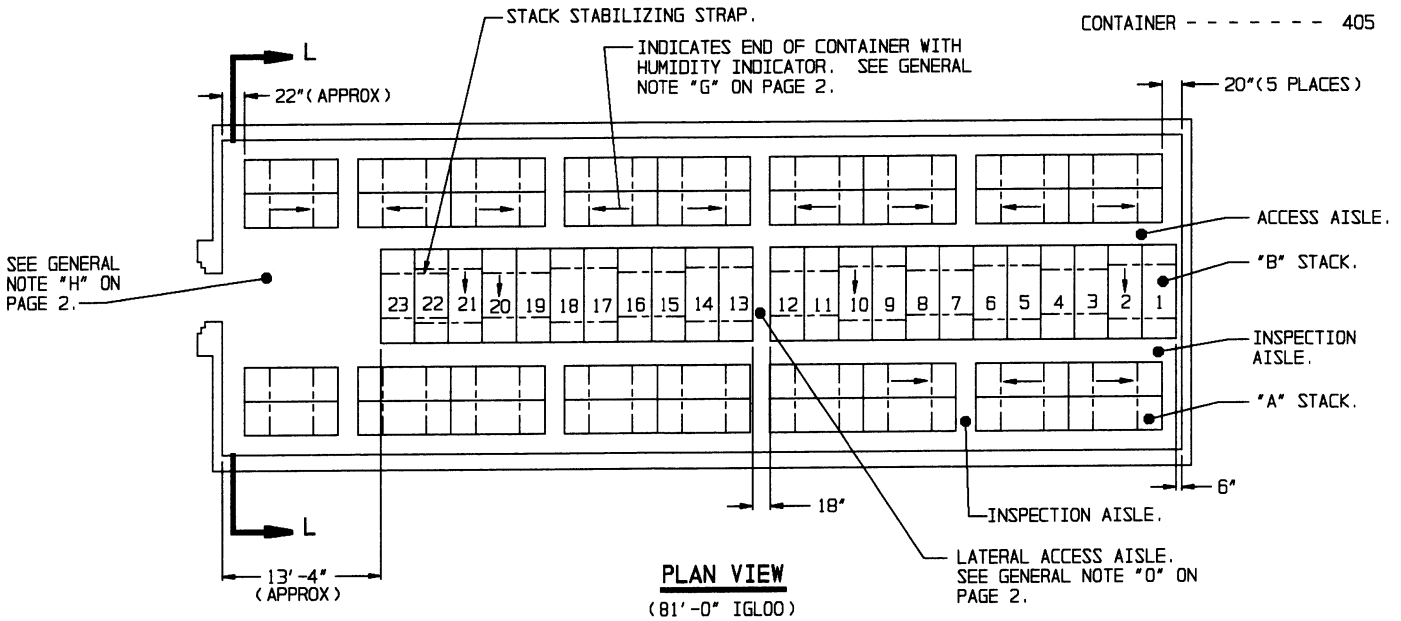
**SPECIAL NOTES:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.
2. SINGLE STACKS, SUCH AS SHOWN AT THE REAR OF THE MAGAZINE AND/OR ADJACENT TO A COLUMN MUST BE MADE STABLE BY USING STACK STABILIZING ASSEMBLIES. SEE THE "STACK STABILIZING ASSEMBLY" AND THE "STACK STABILIZING DETAIL" ON THIS PAGE. NOTE: IF DESIRED OR IF THERE ARE NO CONTAINERS POSITIONED IN THE MHE AISLE, THE SINGLE STACKS MAY BE LIMITED TO FOUR CONTAINERS HIGH.

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

**STORAGE IN 81'-0" IGL00**  
(12'-9" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	405





**STORAGE IN 60'-8" IGL00**

(12'-9" HIGH)

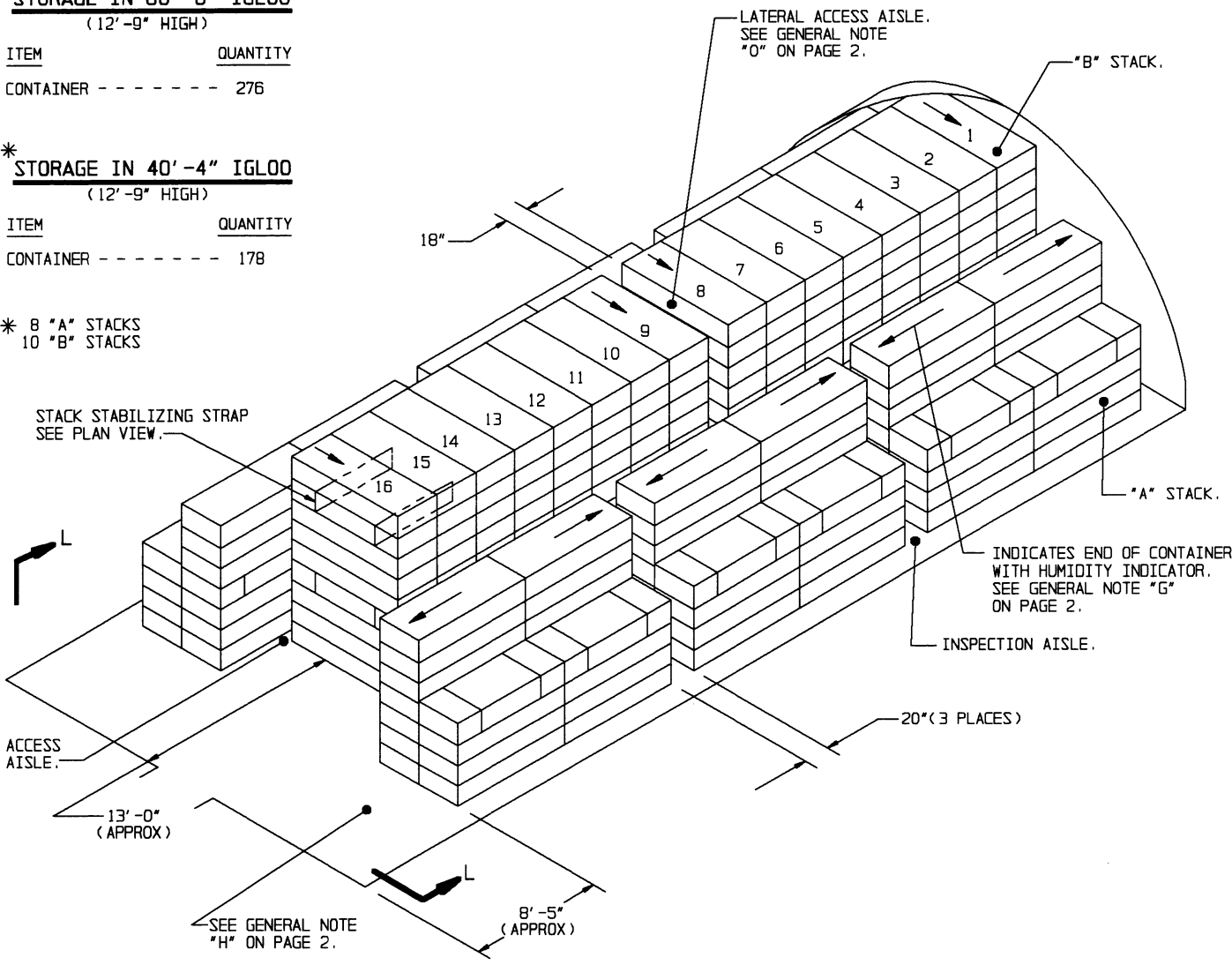
ITEM	QUANTITY
CONTAINER - - - - -	276

**\* STORAGE IN 40'-4" IGL00**

(12'-9" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	178

\* 8 "A" STACKS  
10 "B" STACKS

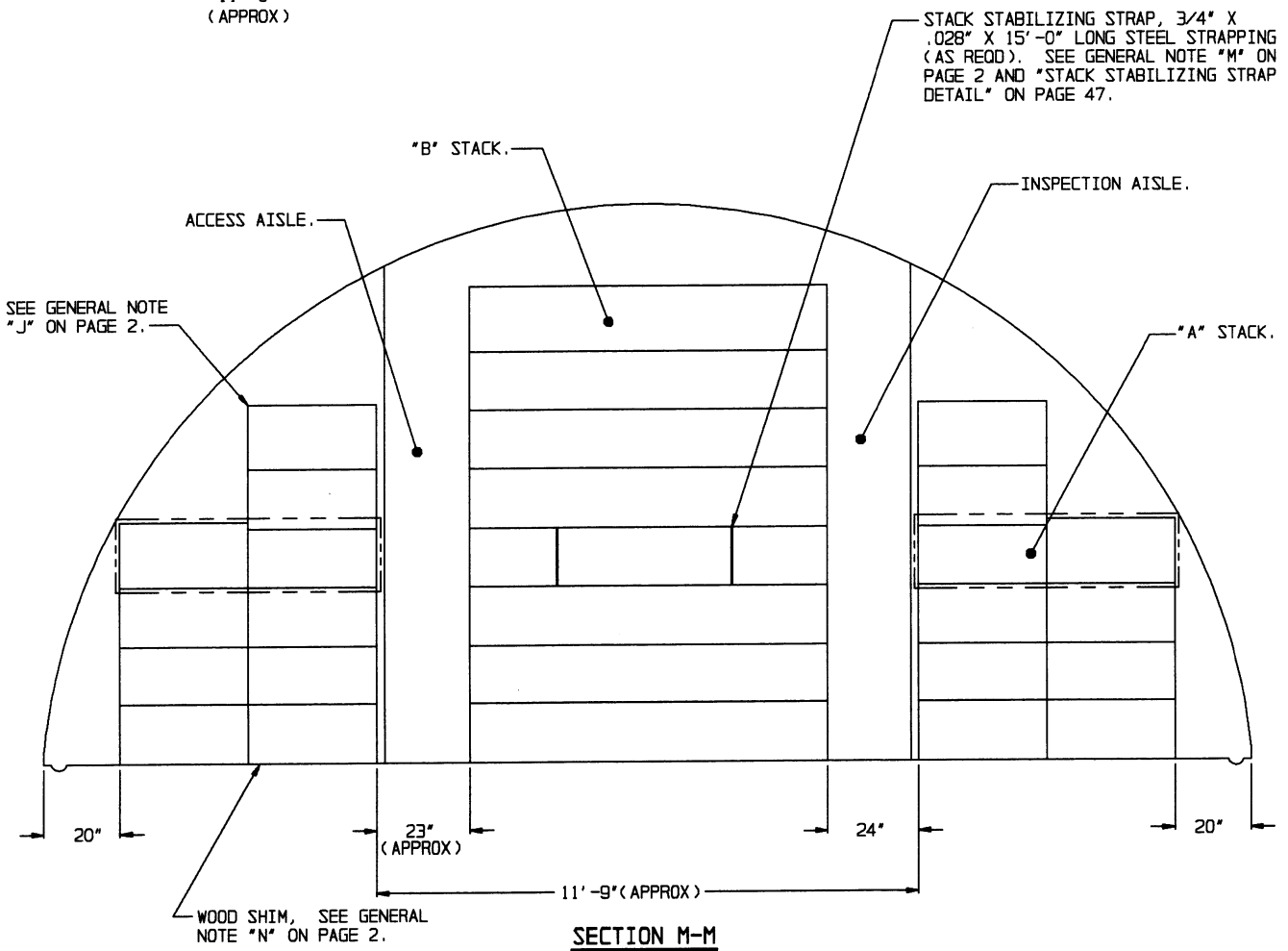
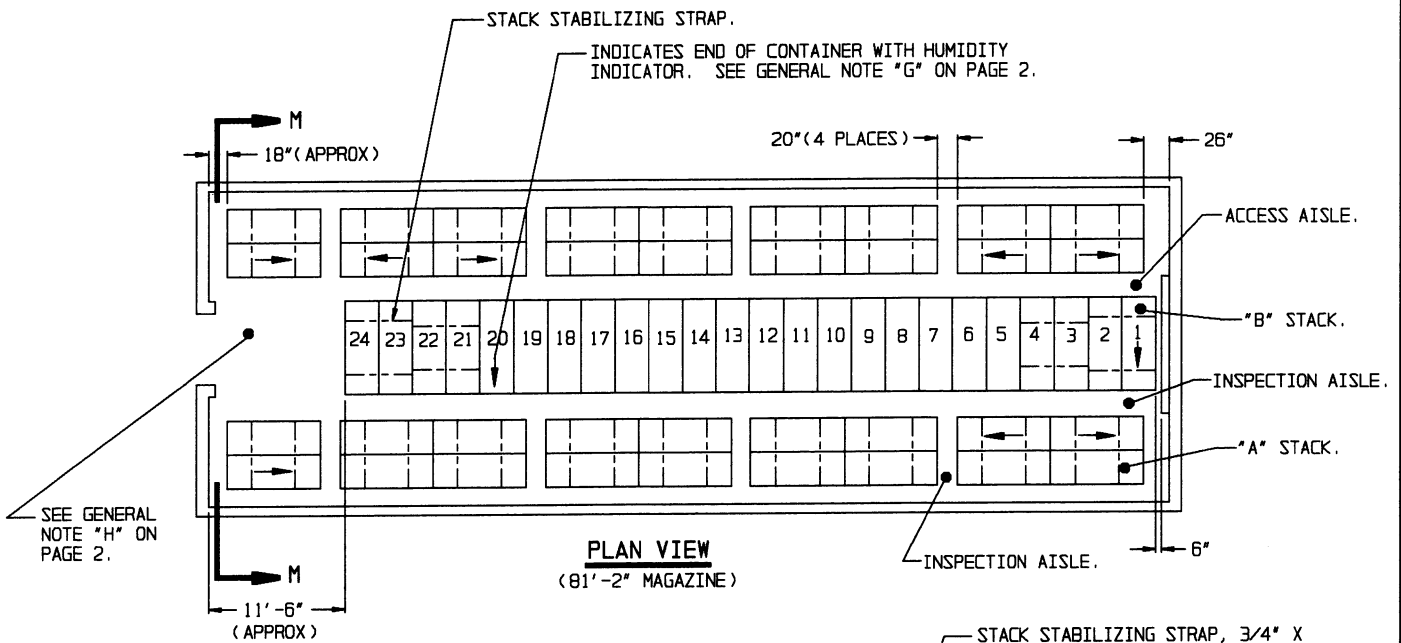


**ISOMETRIC VIEW**  
(60'-8" IGL00)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



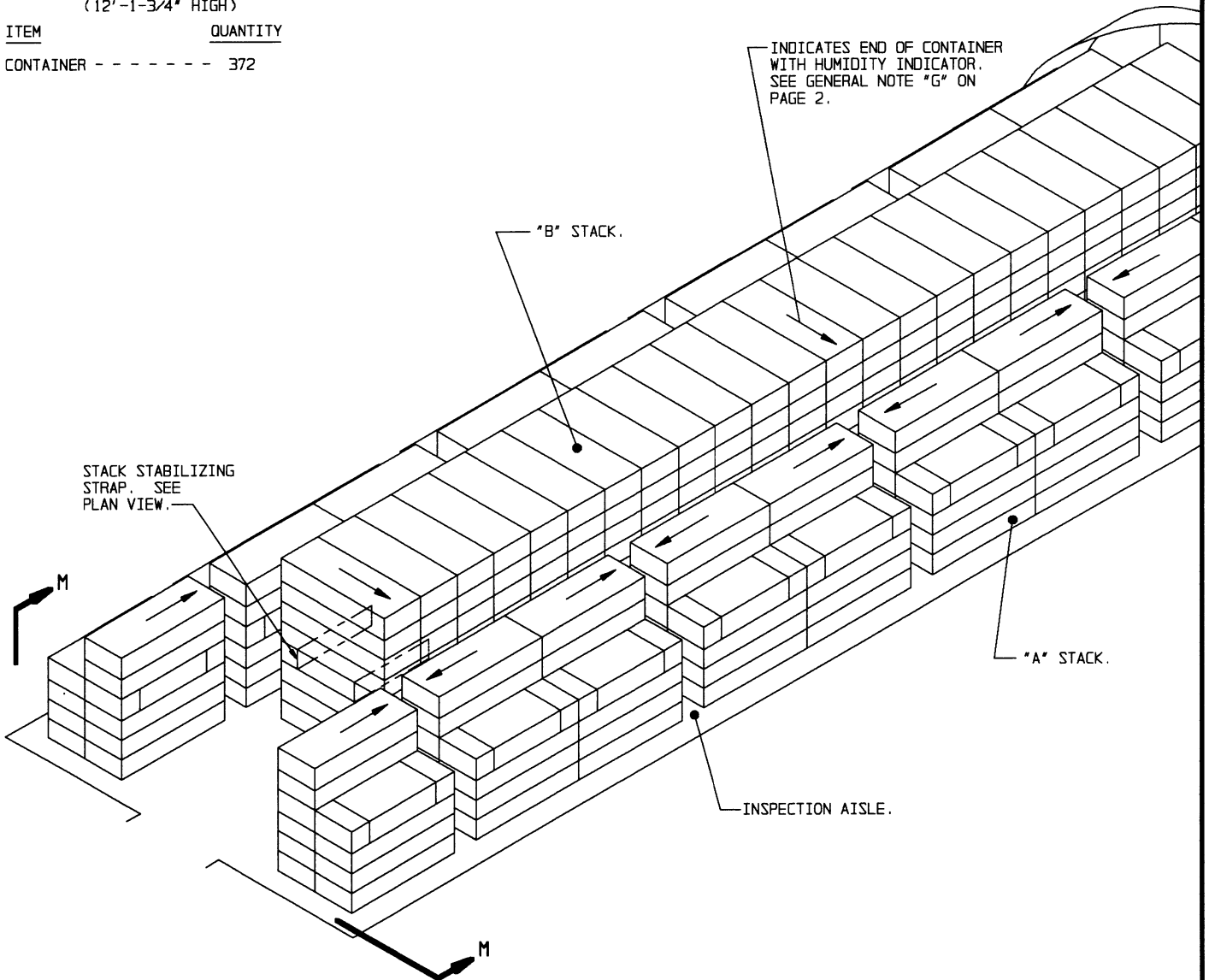
STORAGE PROCEDURES IN 81'-2" L X 26'-6" W X 12'-1-3/4" H ARCH TYPE MAGAZINE

**STORAGE IN 81'-2" MAGAZINE**

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

ITEM	QUANTITY
CONTAINER - - - - -	372

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.



**ISOMETRIC VIEW**  
(81'-2" MAGAZINE)

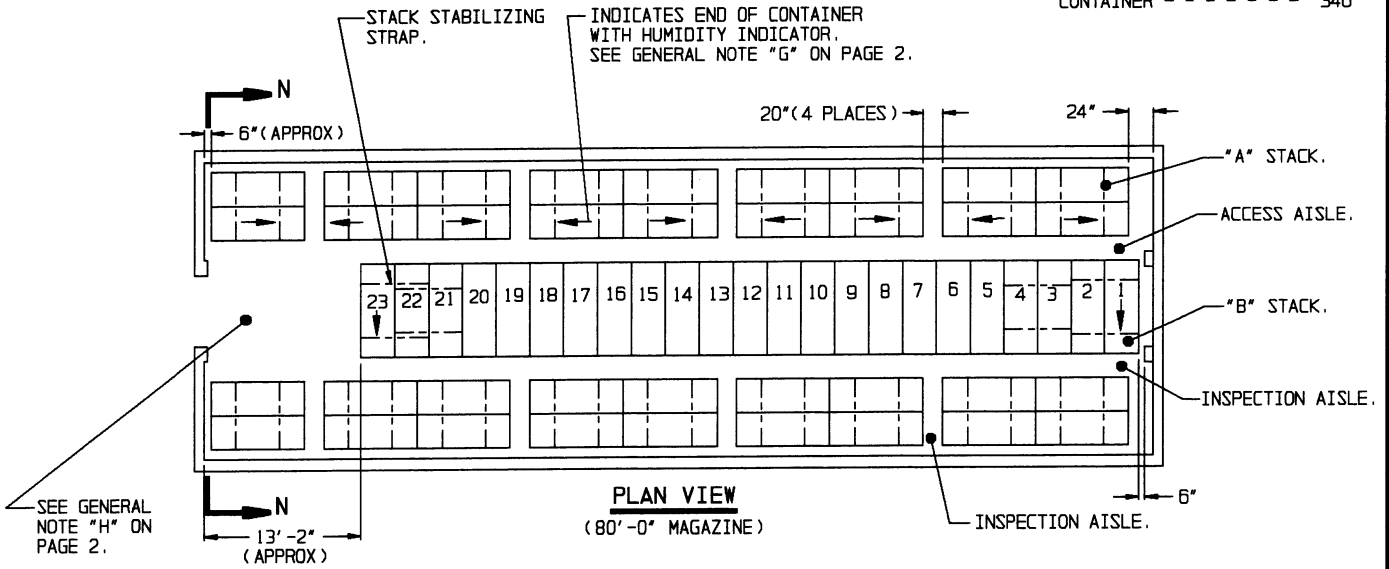
**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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

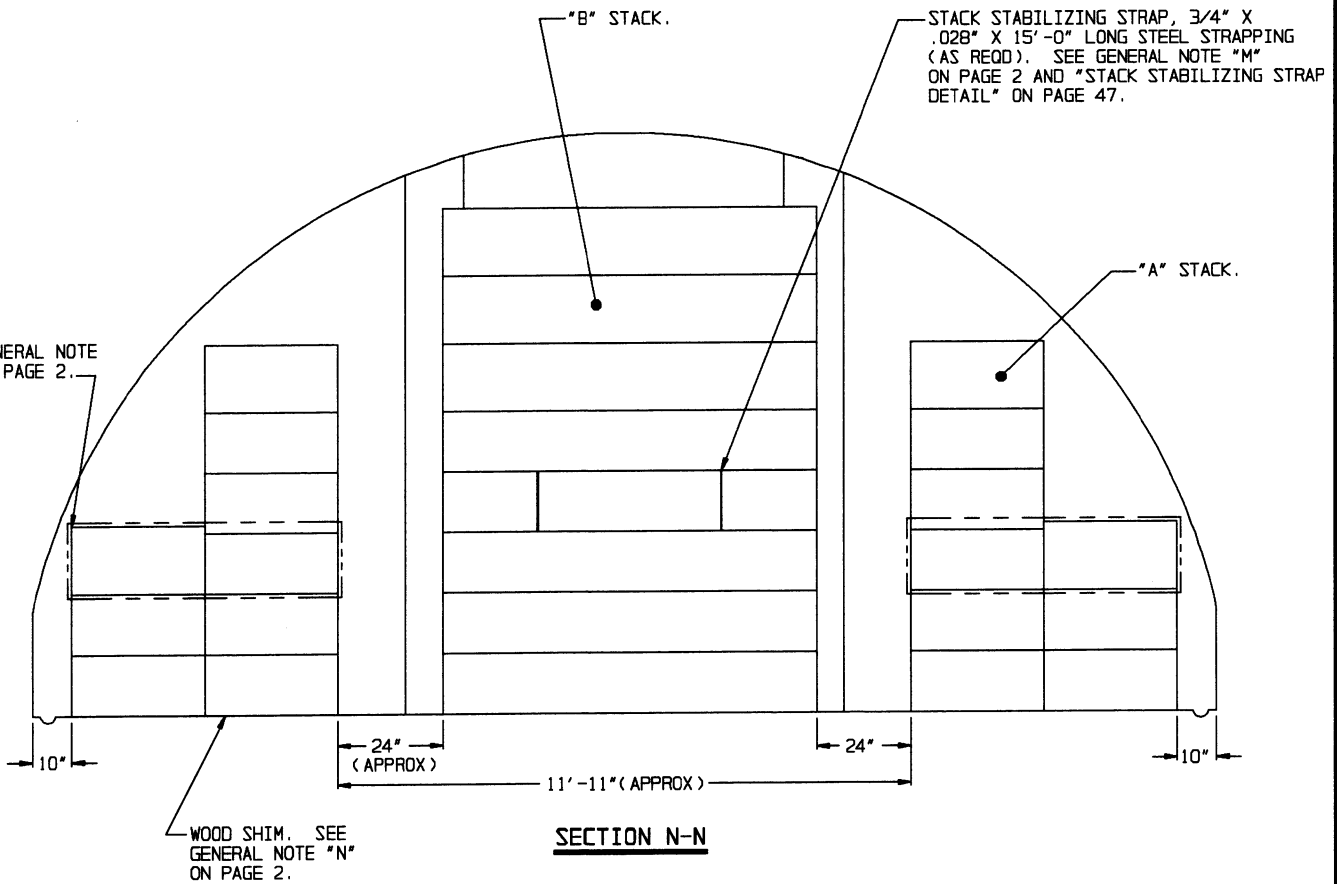
**STORAGE IN 80'-0" MAGAZINE**  
(12'-1-3/4" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	346



**PLAN VIEW**  
(80'-0" MAGAZINE)

SEE GENERAL NOTE "J" ON PAGE 2.

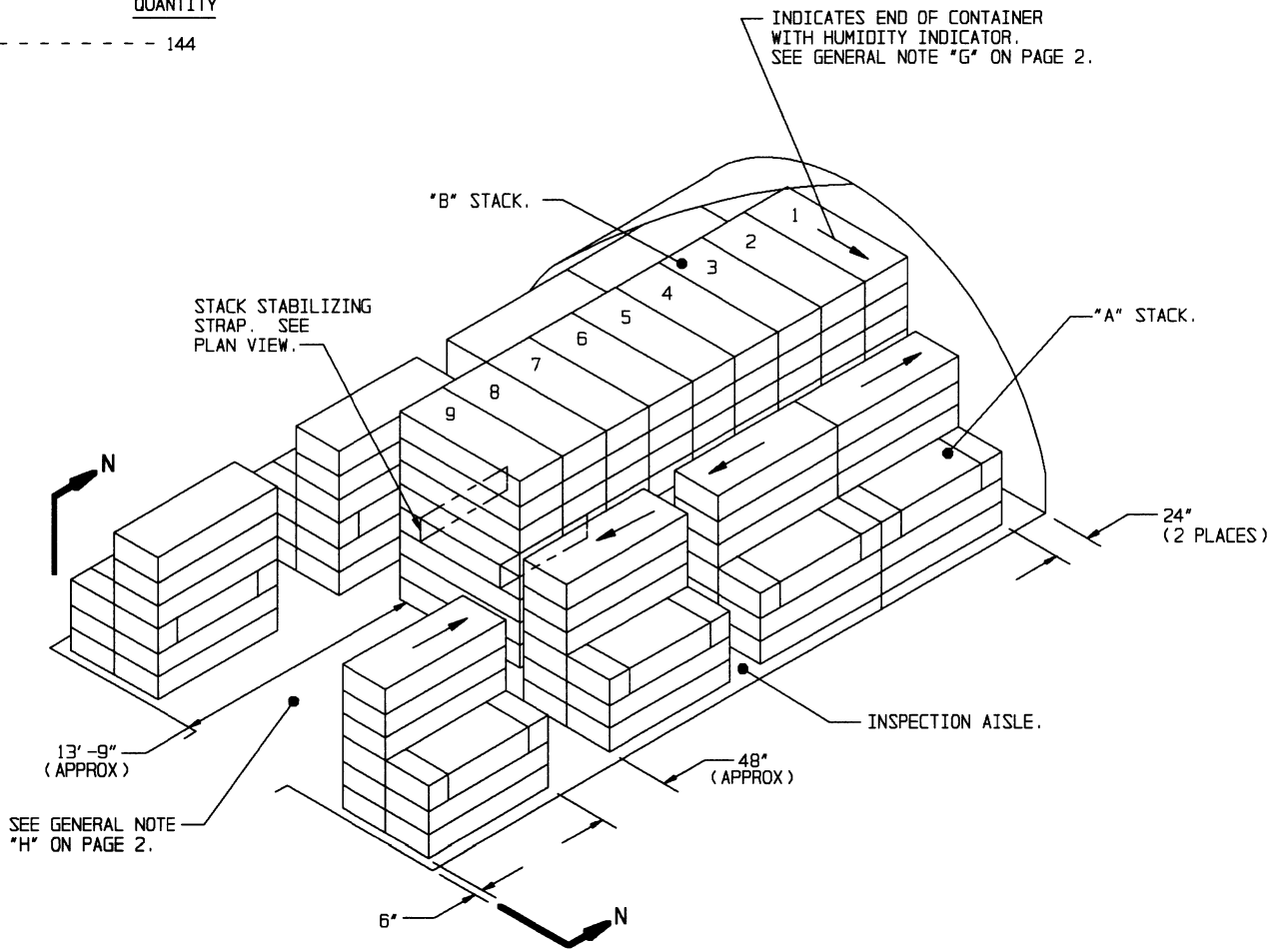


**SECTION N-N**

**STORAGE IN 40'-0" MAGAZINE**

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

ITEM	QUANTITY
CONTAINER - - - - -	144



**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE THIRD AND FOURTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

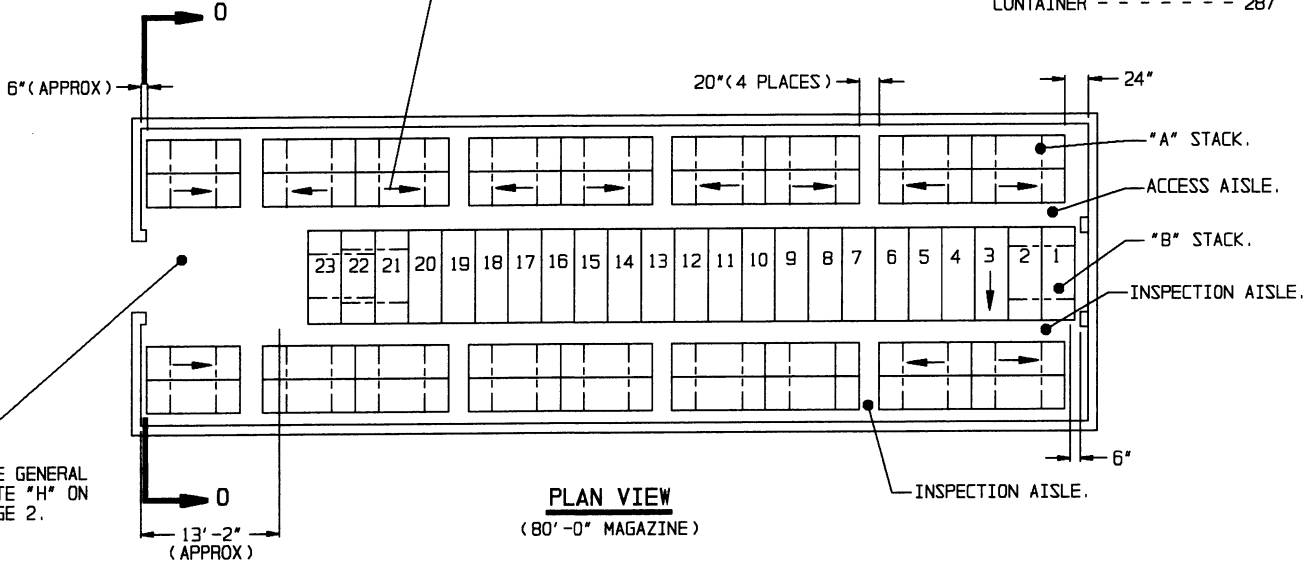
**FOR "GENERAL NOTES", AND "MATERIAL SPECIFICATIONS", SEE PAGE 2.**

**STORAGE IN 80'-0" MAGAZINE**

(11'-0" HIGH)

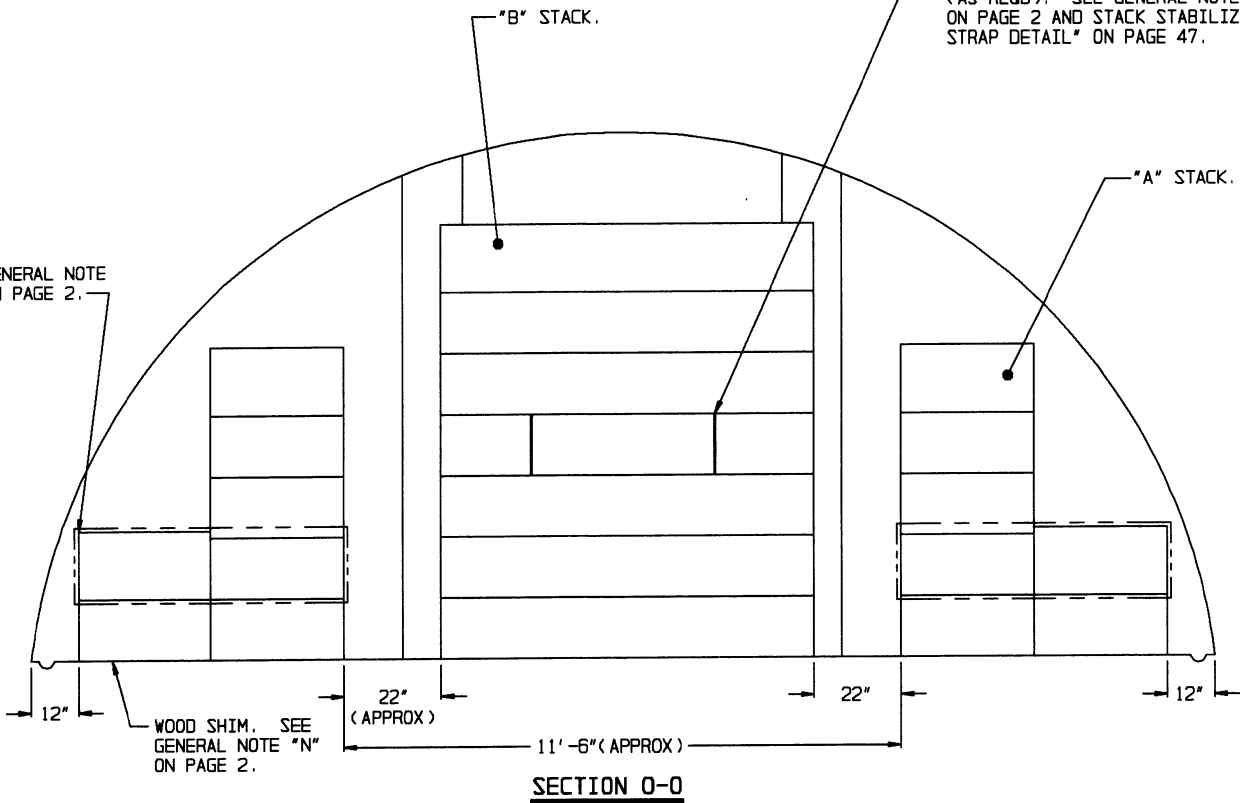
ITEM	QUANTITY
CONTAINER - - - - -	287

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.



STACK STABILIZING STRAP, 3/4" X .028" X 15'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND STACK STABILIZING STRAP DETAIL" ON PAGE 47.

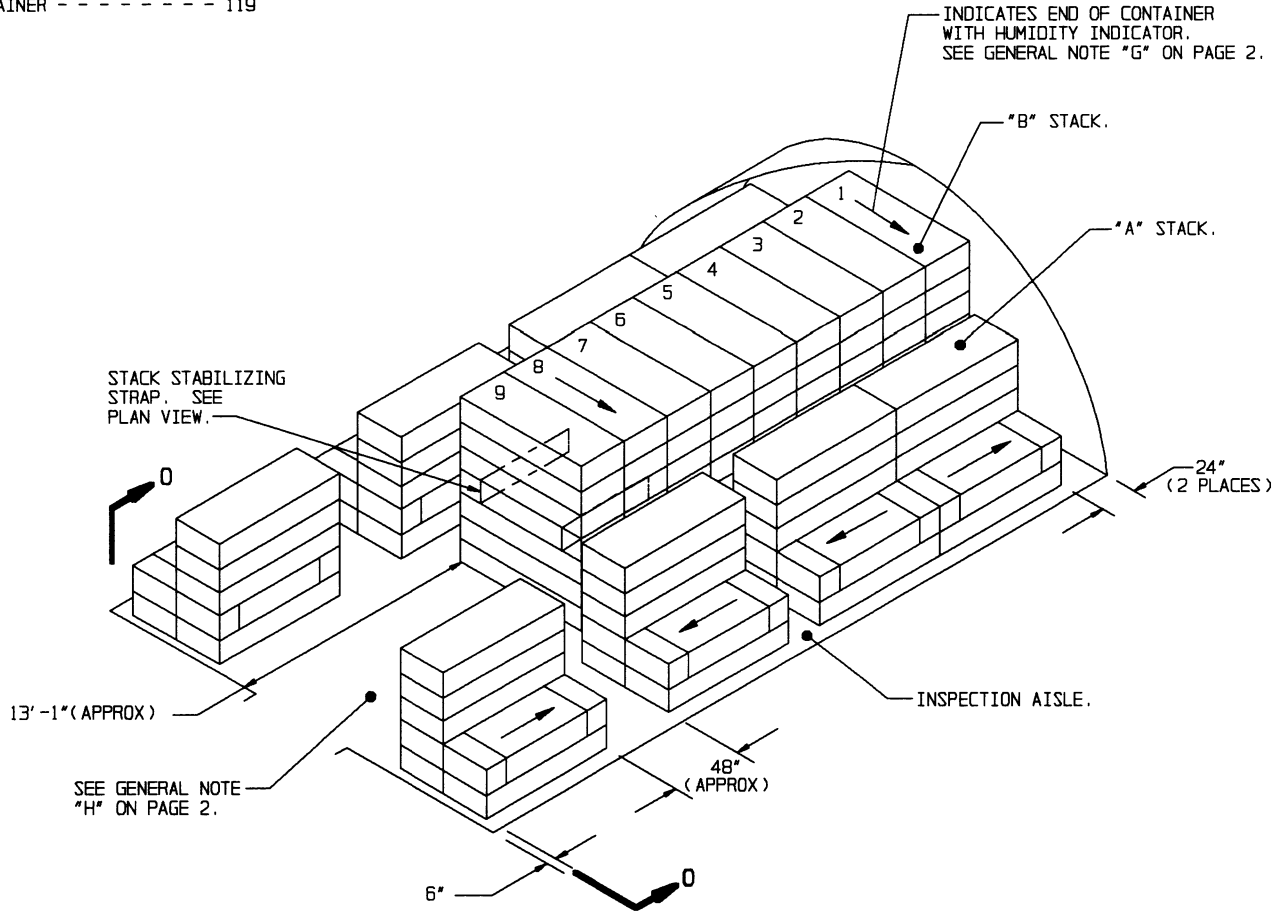
SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE IN 40'-0" MAGAZINE**

(11'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	119



**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**SPECIAL NOTE:**

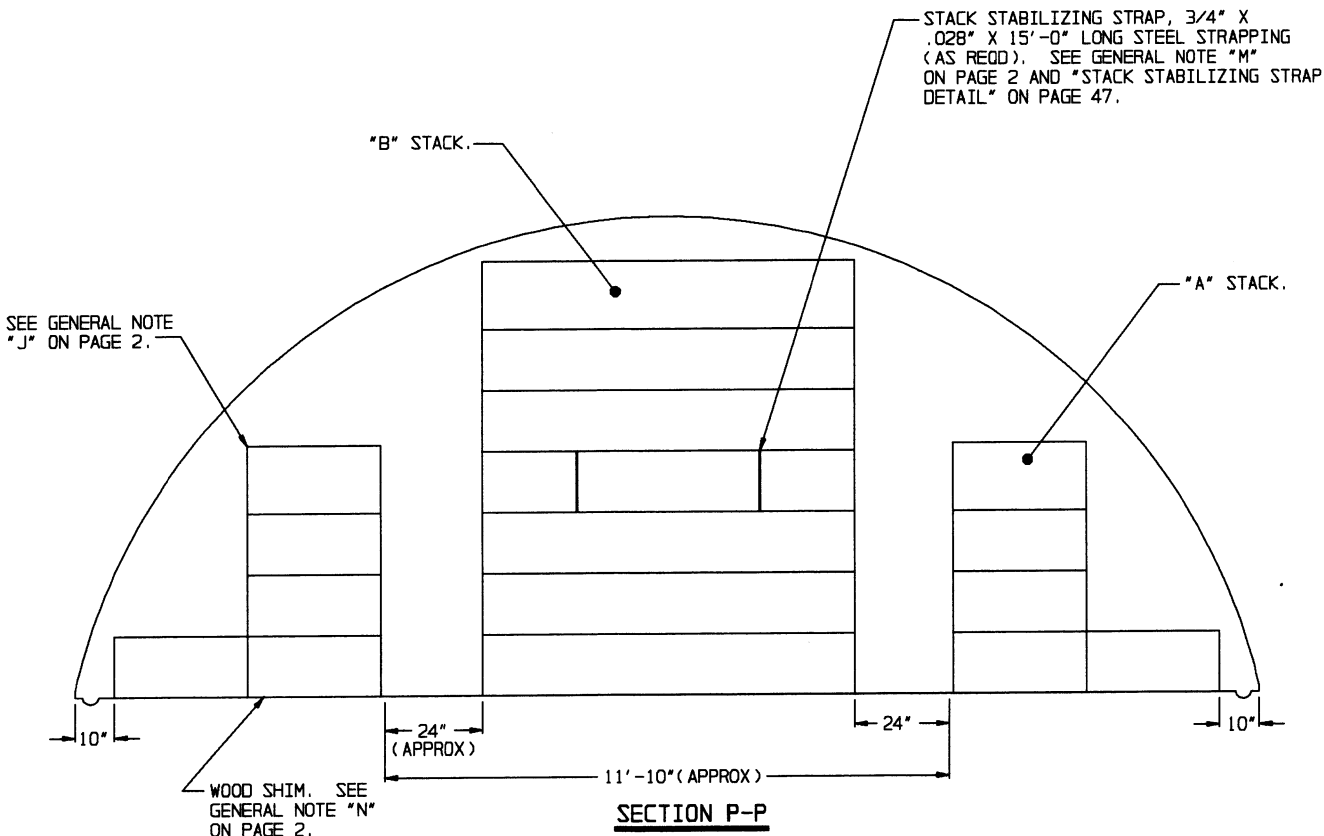
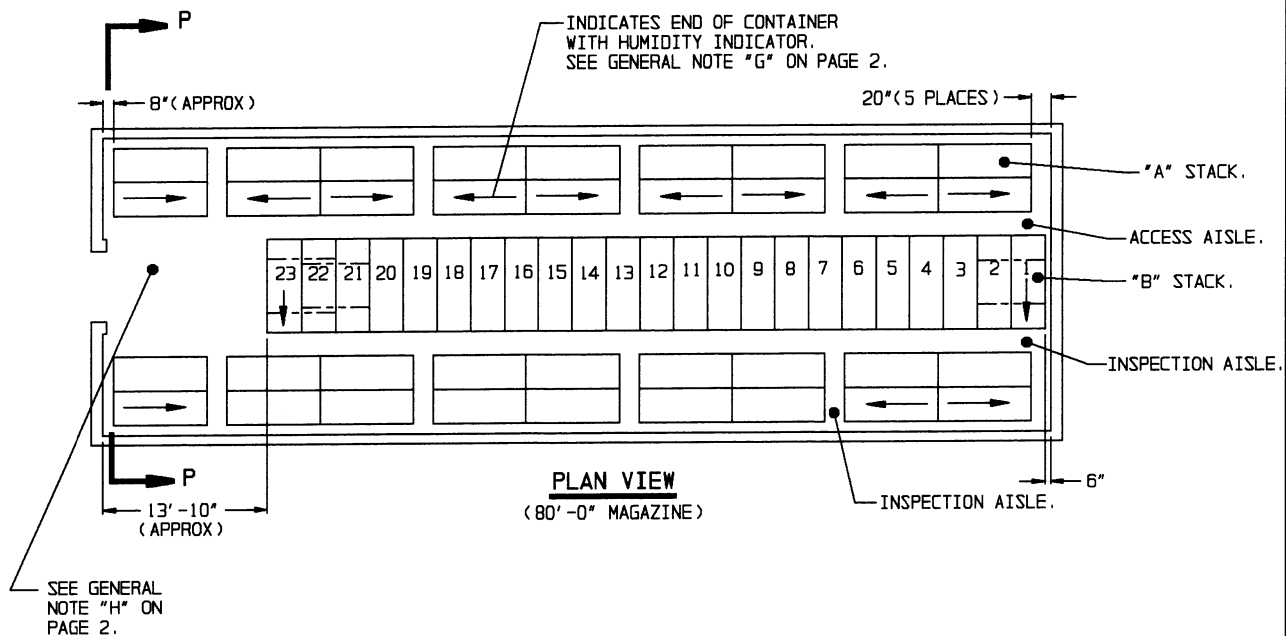
1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE SECOND AND FOURTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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

**STORAGE IN 80'-0" MAGAZINE**

(10'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	251

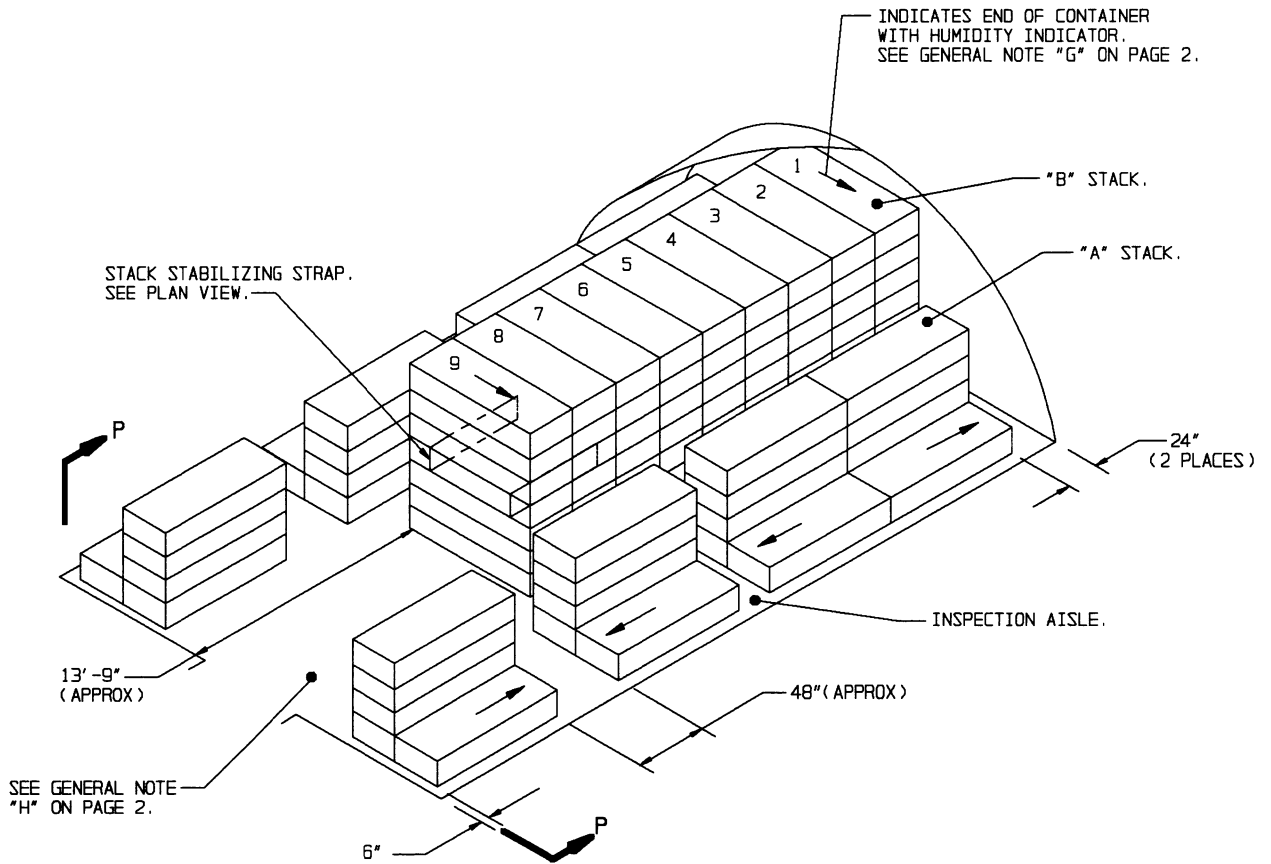




**STORAGE IN 40'-0" MAGAZINE**

(10'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	103

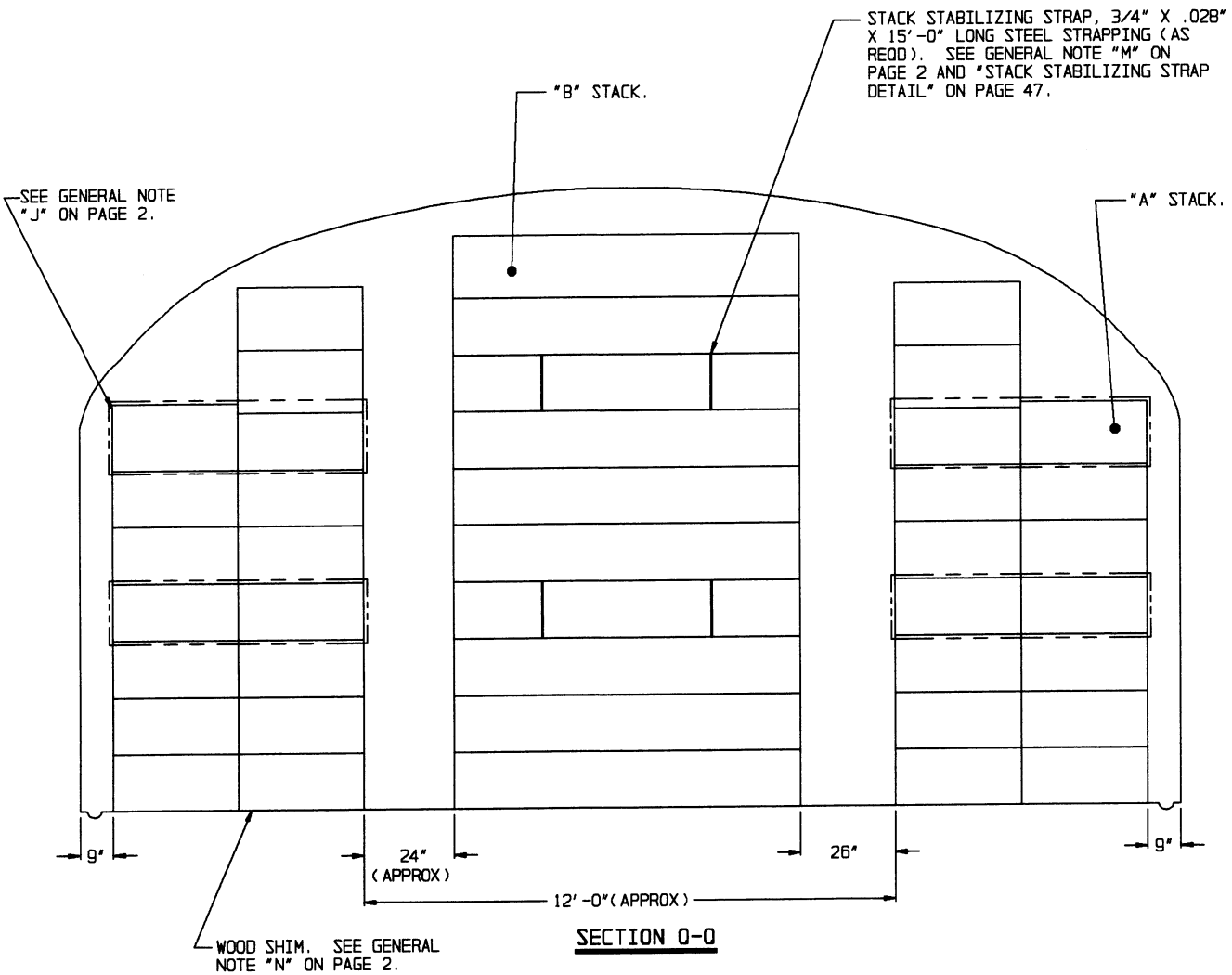
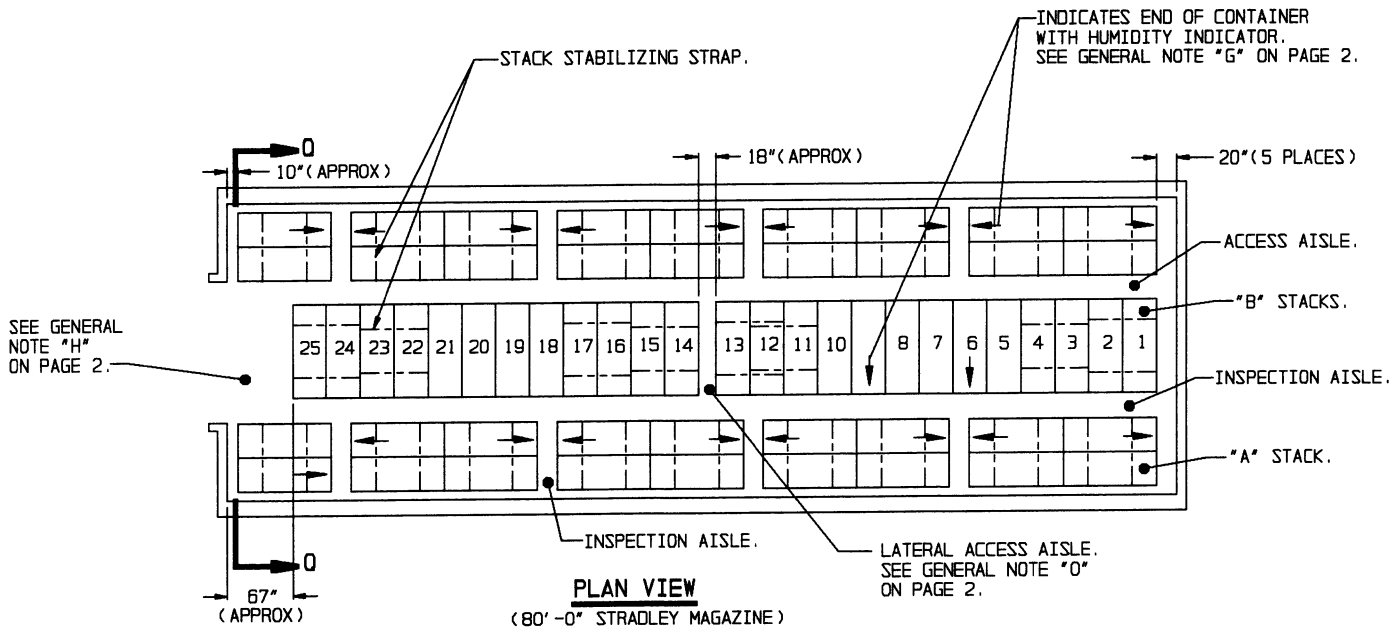


**ISOMETRIC VIEW**  
(40'-0" MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH LAYER OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



**STORAGE IN 80'-0" STRADLEY MAGAZINE**

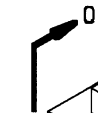
(14'-0" HIGH)

ITEM	QUANTITY
CONTAINER - - - - -	538

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.

LATERAL ACCESS AISLE. SEE GENERAL NOTE "O" ON PAGE 2.

STACK STABILIZING STRAP. SEE PLAN VIEW.



"A" STACK.

ACCESS AISLE.

SEE GENERAL NOTE "H" ON PAGE 2.

STACK STABILIZING STRAP, 3/4" X .028" X 15'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

INSPECTION AISLE.

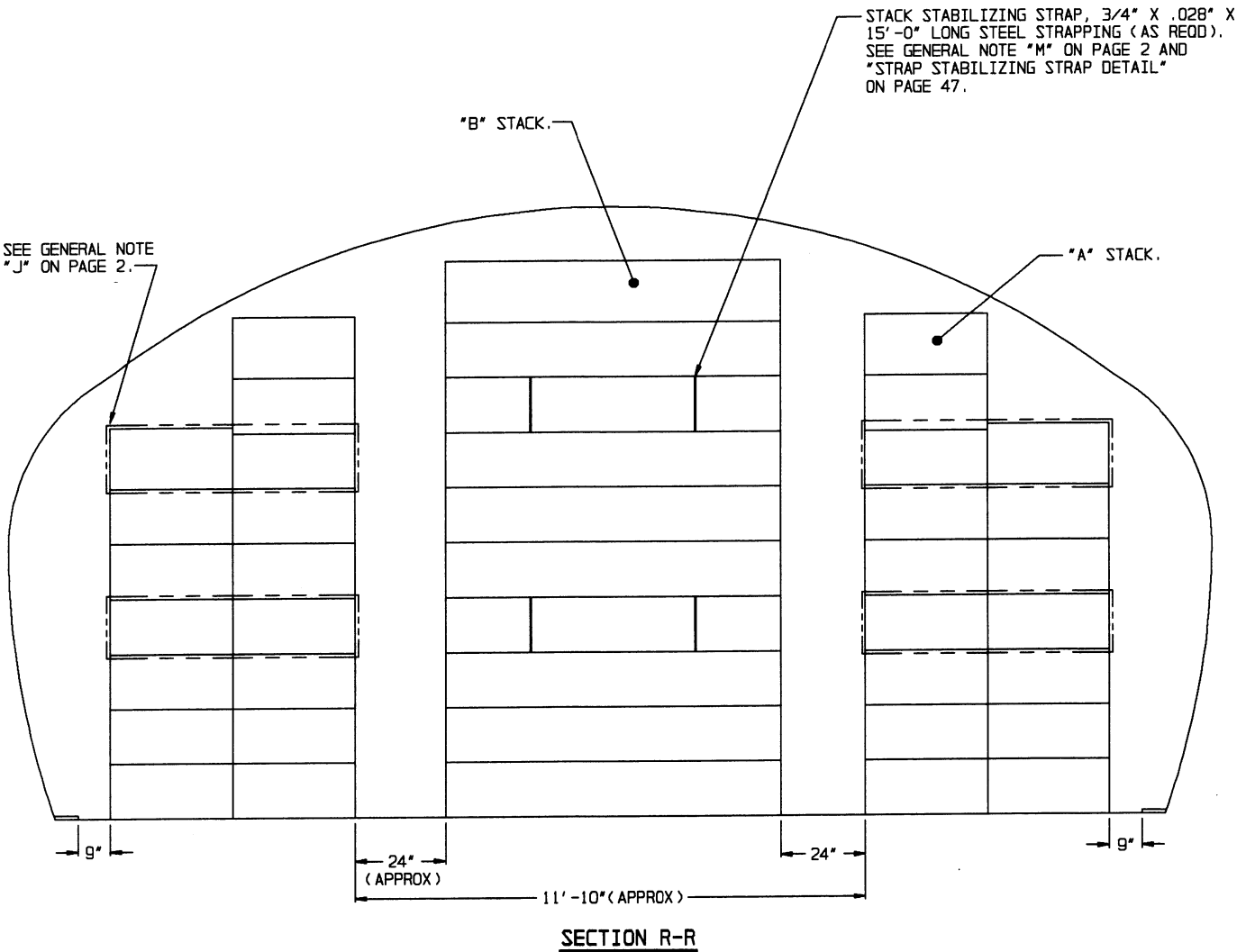
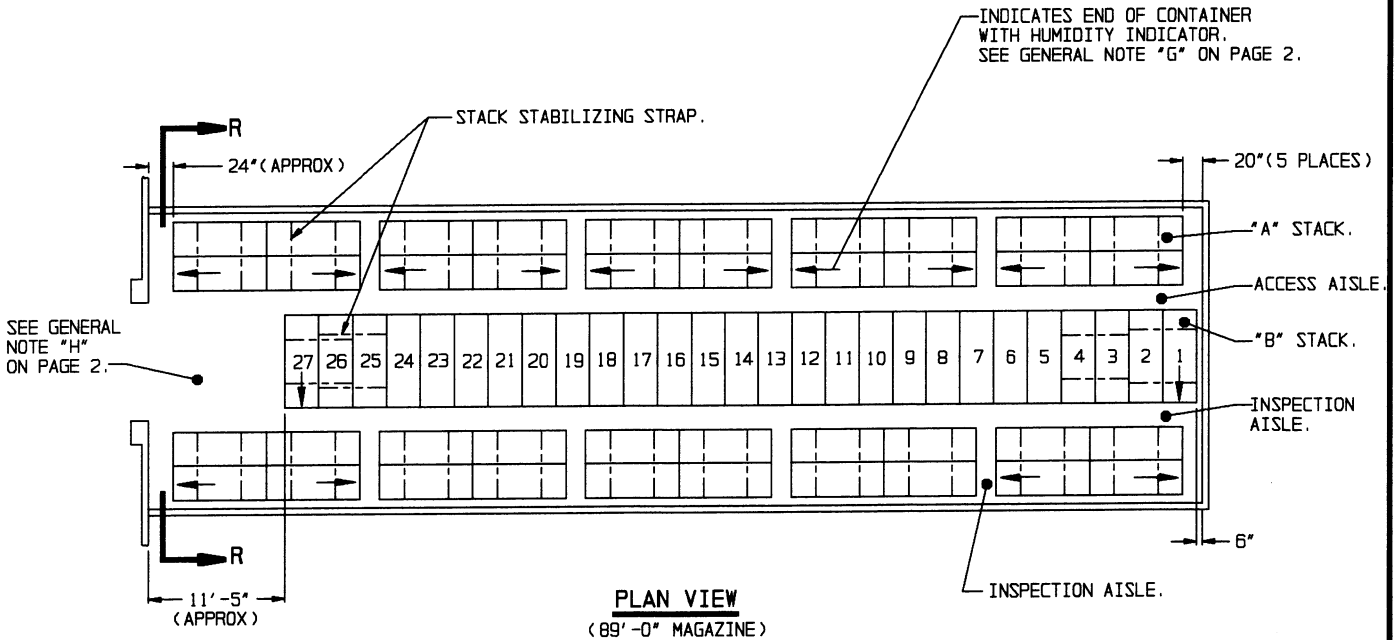
**ISOMETRIC VIEW**

(80'-0" MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH, SEVENTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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

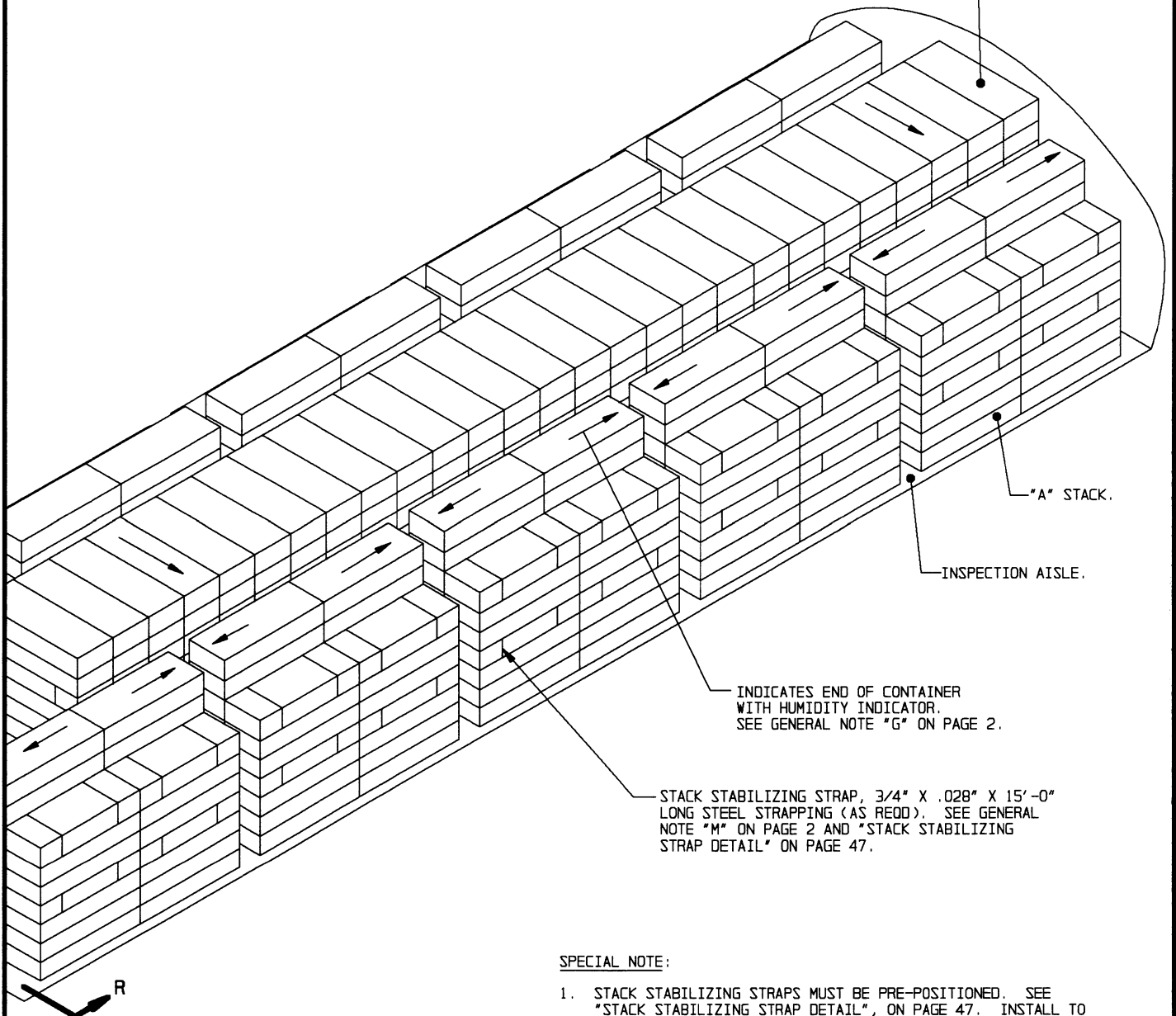


**STORAGE IN 89'-0" MAGAZINE**

(14'-4" HIGH)

<u>ITEM</u>	<u>QUANTITY</u>
CONTAINER - - - - -	590

"B" STACK. SEE PLAN VIEW FOR STACK STABILIZING STRAP REQUIRED.

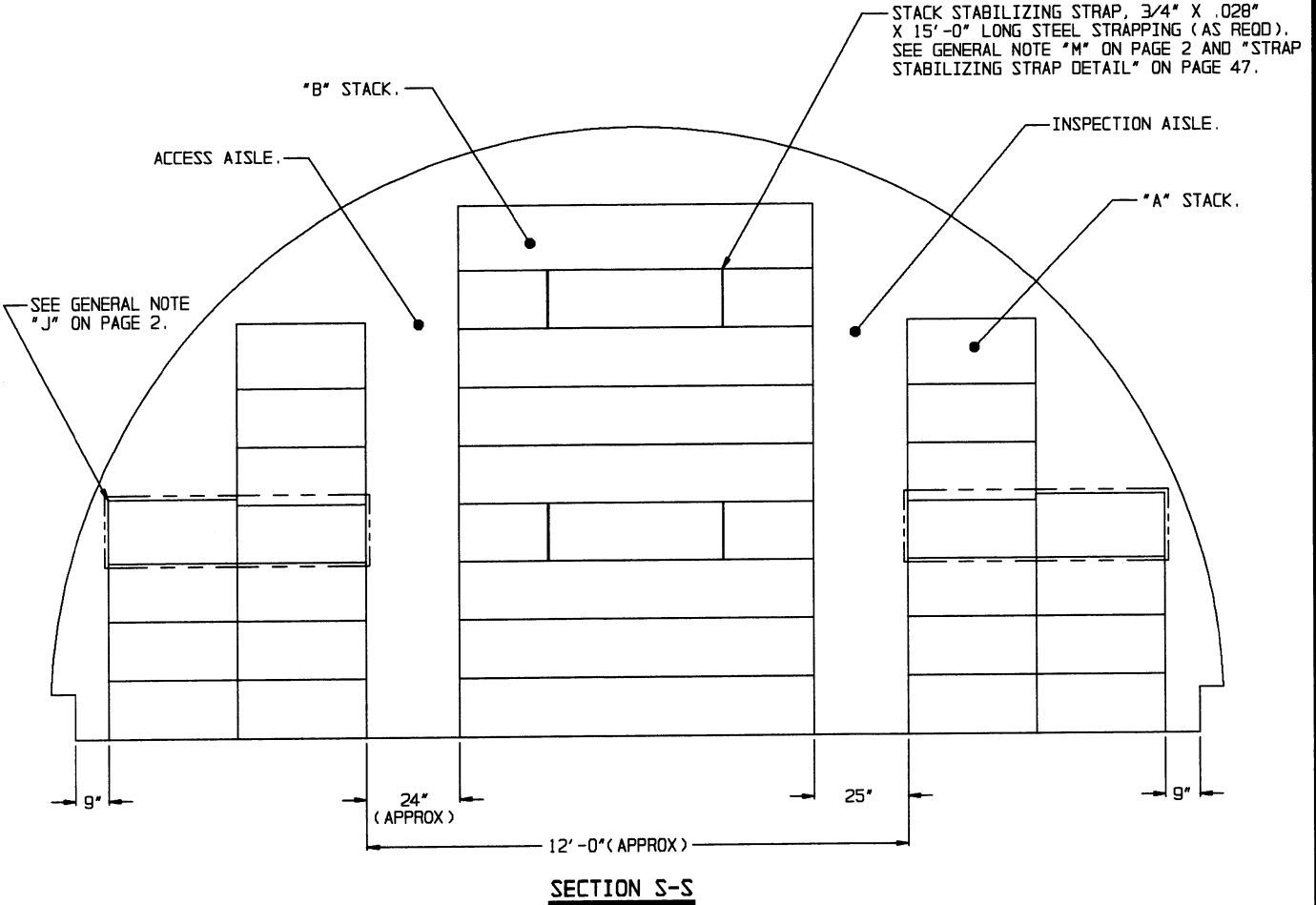
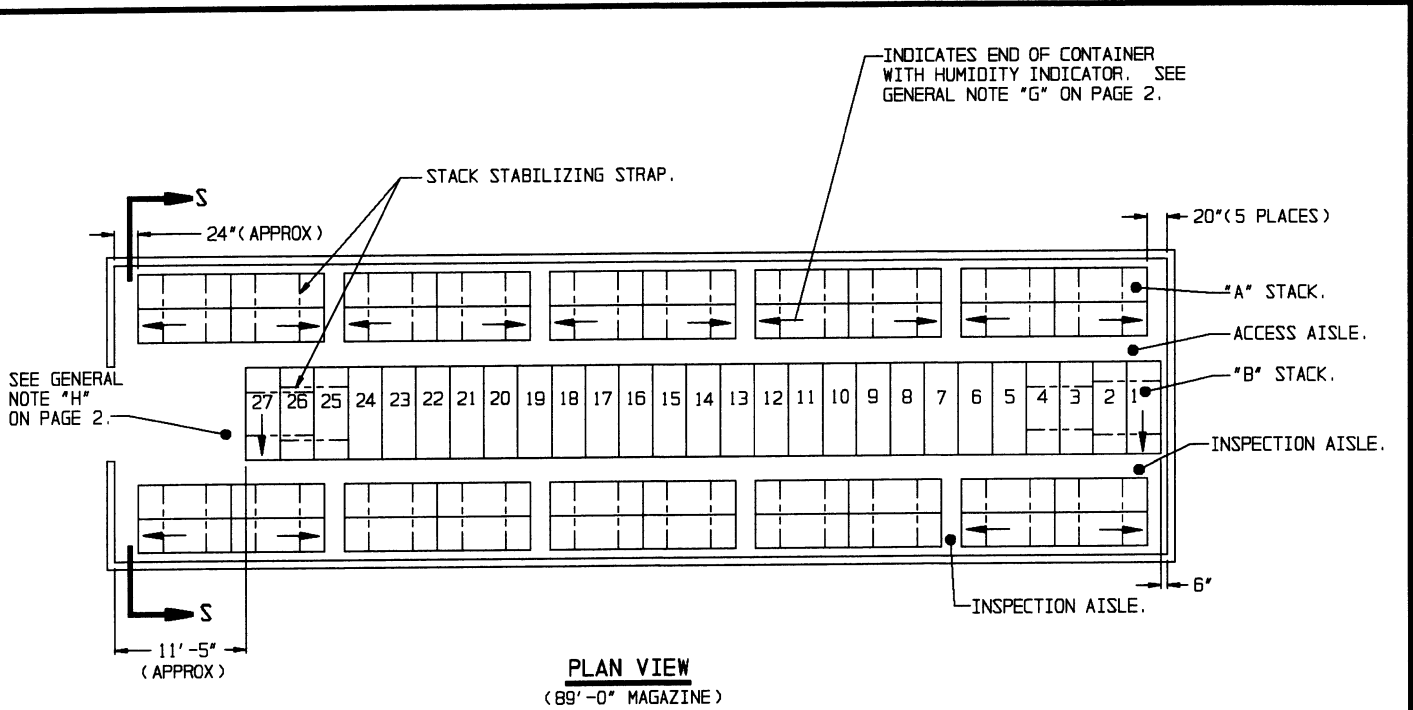


**ISOMETRIC VIEW**  
(89'-0" MAGAZINE)

SPECIAL NOTE:

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH, SEVENTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



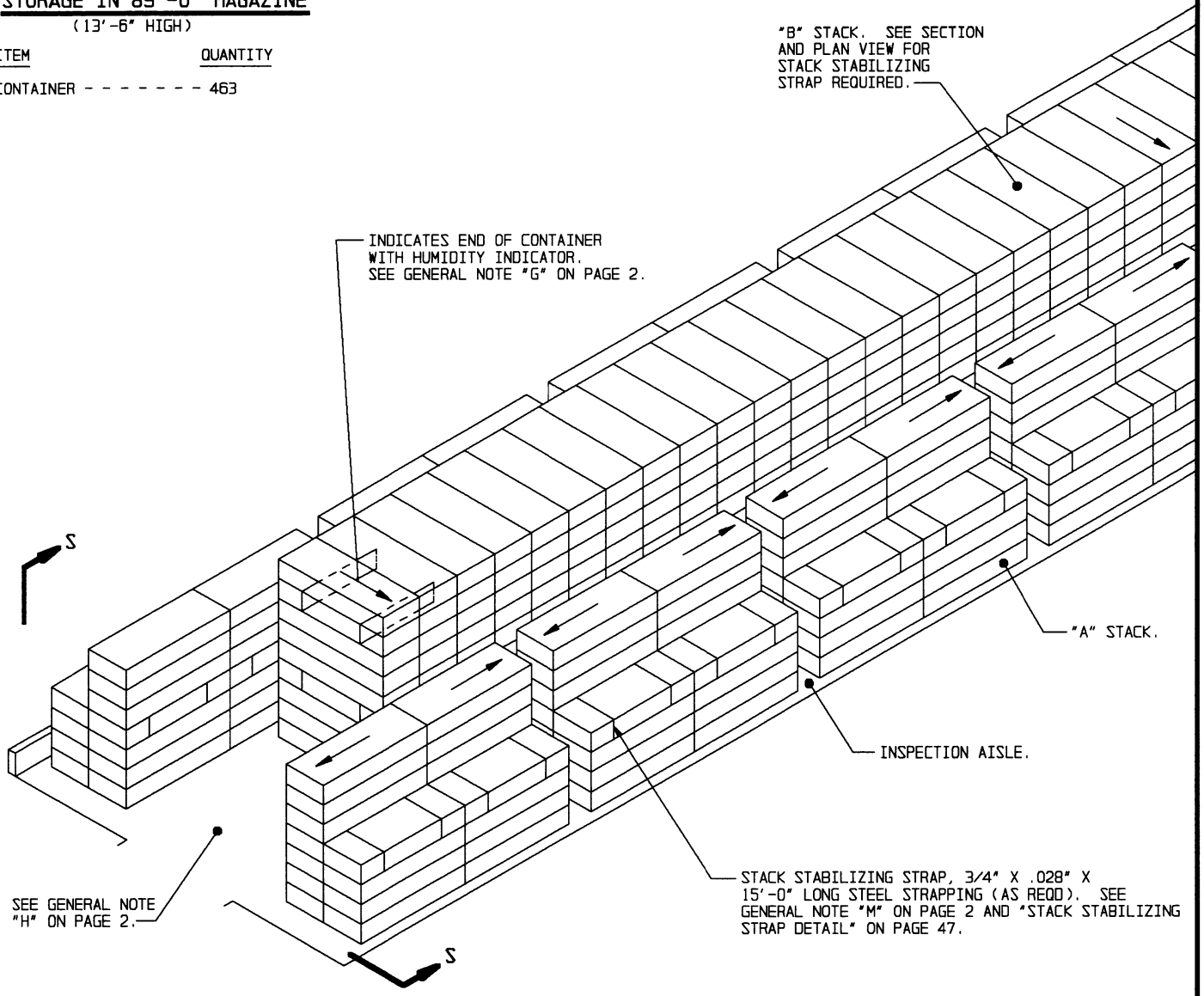
**STORAGE IN 89'-0" MAGAZINE**

(13'-6" HIGH)

<u>ITEM</u>	<u>QUANTITY</u>
CONTAINER - - - - -	463

"B" STACK. SEE SECTION AND PLAN VIEW FOR STACK STABILIZING STRAP REQUIRED.

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.



SEE GENERAL NOTE "H" ON PAGE 2.

INSPECTION AISLE.

STACK STABILIZING STRAP, 3/4" X .028" X 15'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

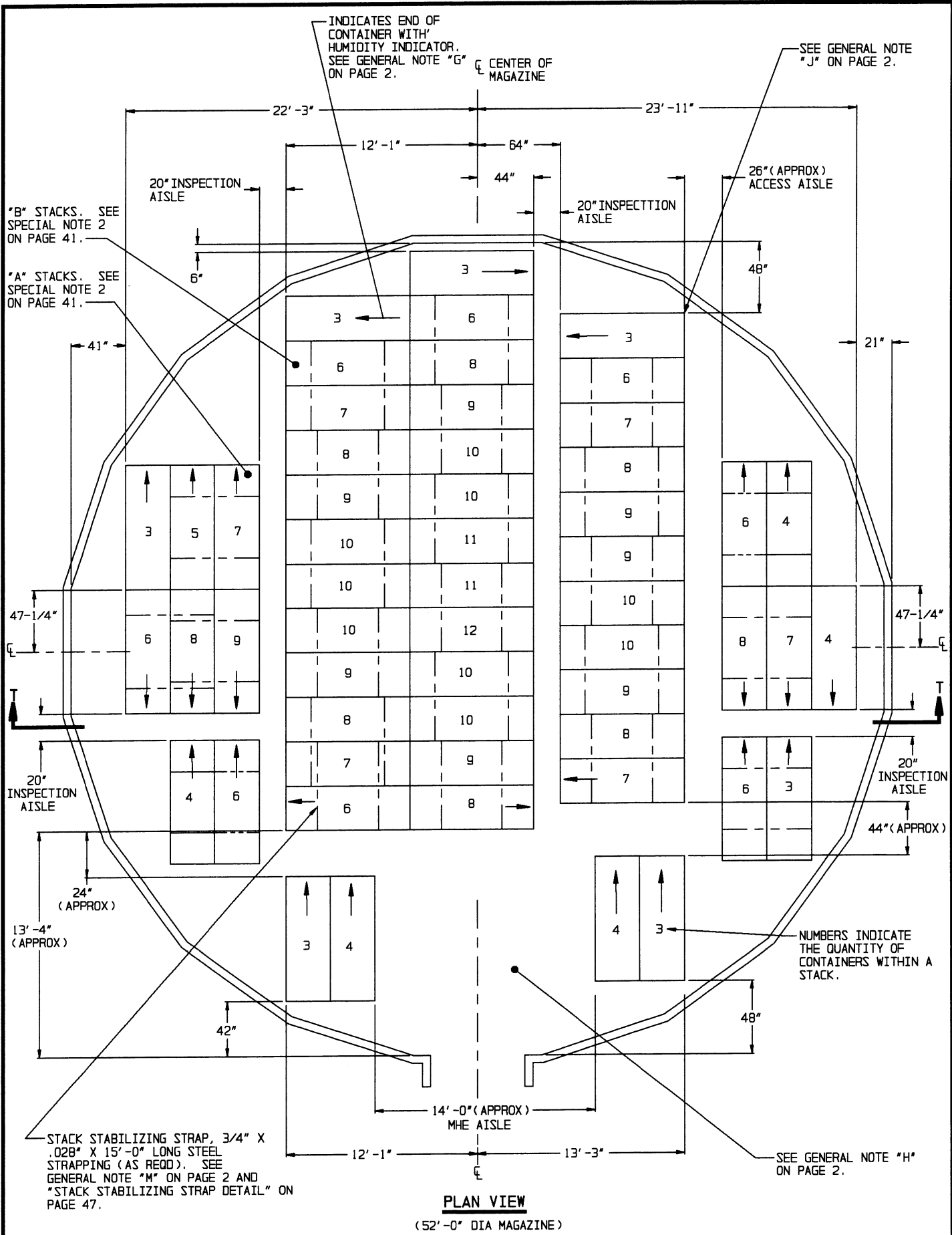
**ISOMETRIC VIEW**

(89'-0" STEEL ARCH MAGAZINE)

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.

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



"B" STACKS. SEE SPECIAL NOTE 2 ON PAGE 41.

"A" STACKS. SEE SPECIAL NOTE 2 ON PAGE 41.

20" INSPECTION AISLE

24" (APPROX)

13'-4" (APPROX)

STACK STABILIZING STRAP, 3/4" X .028" X 15'-0" LONG STEEL STRAPPING (AS REQD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.

CENTER OF MAGAZINE

SEE GENERAL NOTE "J" ON PAGE 2.

NUMBERS INDICATE THE QUANTITY OF CONTAINERS WITHIN A STACK.

SEE GENERAL NOTE "H" ON PAGE 2.

**PLAN VIEW**

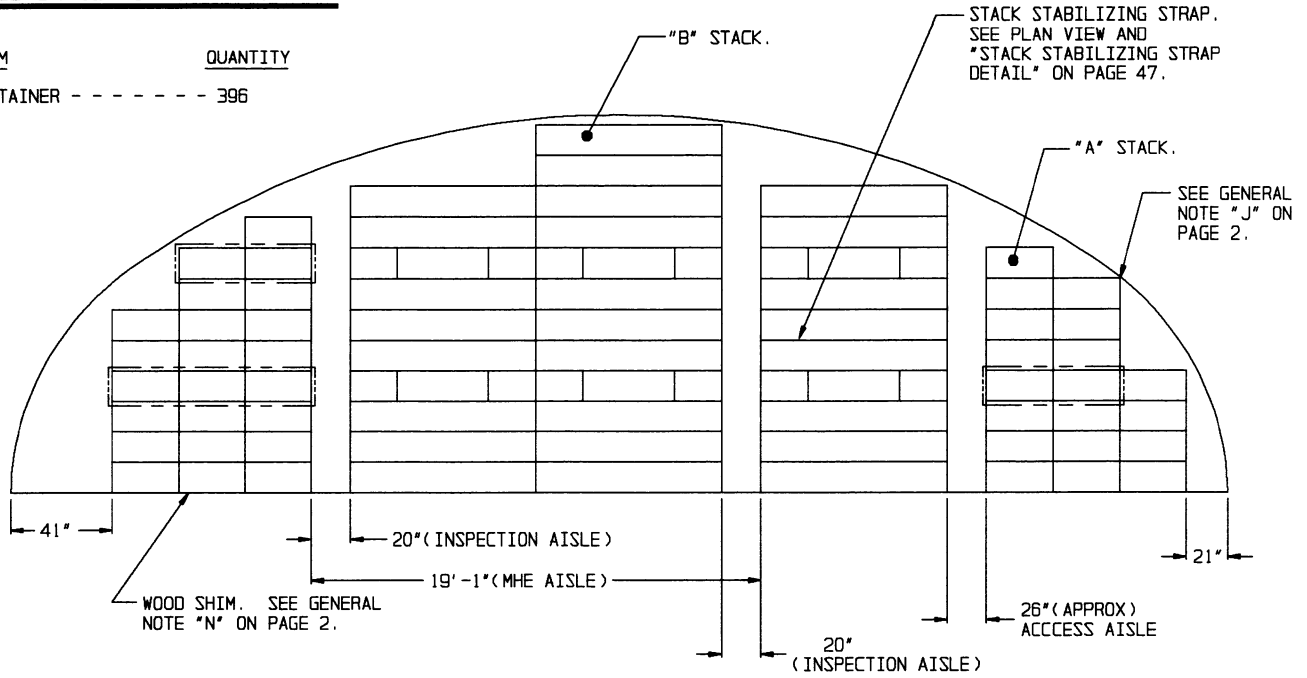
(52'-0" DIA MAGAZINE)

**STORAGE PROCEDURES IN 52'-0" DIA CORBETTA MAGAZINE**



**STORAGE IN 52'-0" DIA MAGAZINE**

ITEM	QUANTITY
CONTAINER - - - - -	396

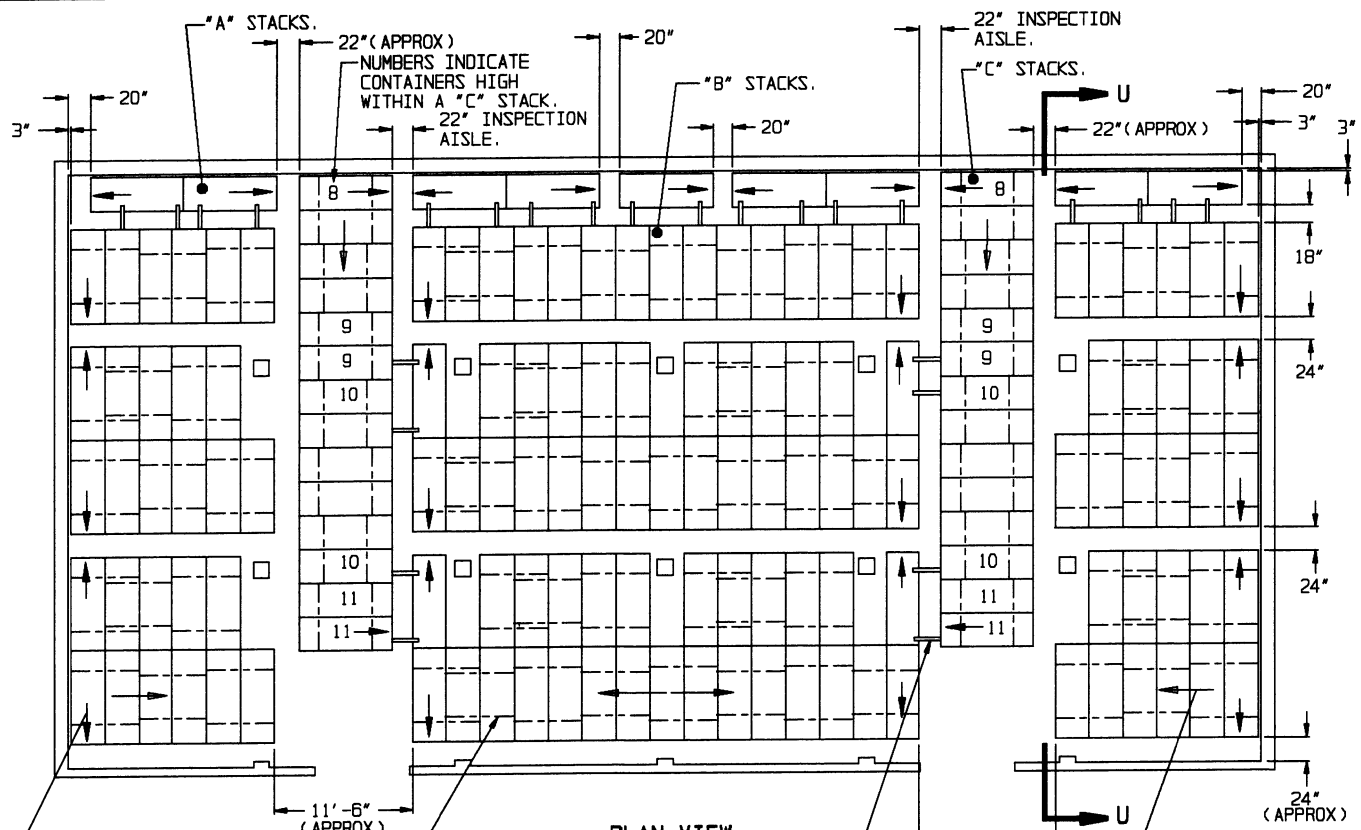


**SECTION T-T**

**SPECIAL NOTE:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.
2. DIRECTION OF STORAGE FOR SIDE STACKS ("A" STACKS) WILL BE FROM THE SIDE OF THE MAGAZINE TOWARD THE CENTER AND THE DIRECTION OF STORAGE FOR CENTER STACKS ("B" STACKS) WILL BE FROM THE REAR OF THE MAGAZINE TOWARD THE DOOR.

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



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

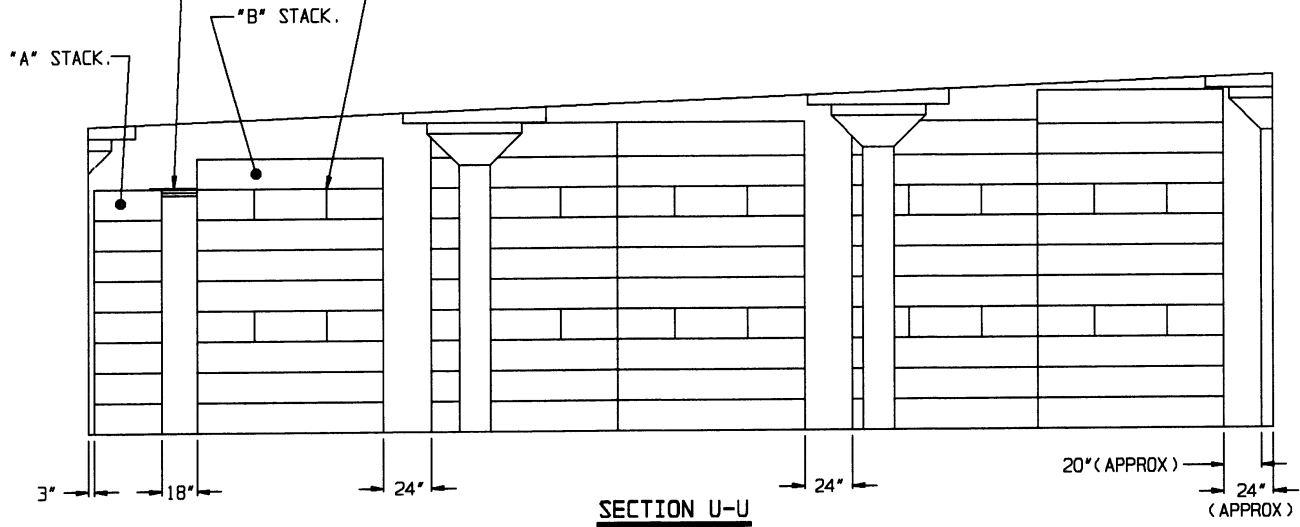
INDICATES END OF CONTAINER WITH HUMIDITY INDICATOR. SEE GENERAL NOTE "G" ON PAGE 2.

STACK STABILIZING ASSEMBLY (AS RECD). SEE SPECIAL NOTE ON PAGE 43.

STACK STABILIZING STRAP 3/4" X .028" X 15'-0" LONG STEEL STRAPPING (AS RECD). SEE GENERAL NOTE "M" ON PAGE 2 AND "STACK STABILIZING STRAP DETAIL" ON PAGE 47.

STACK STABILIZING ASSEMBLY (AS RECD). SEE SPECIAL NOTE ON PAGE 43.

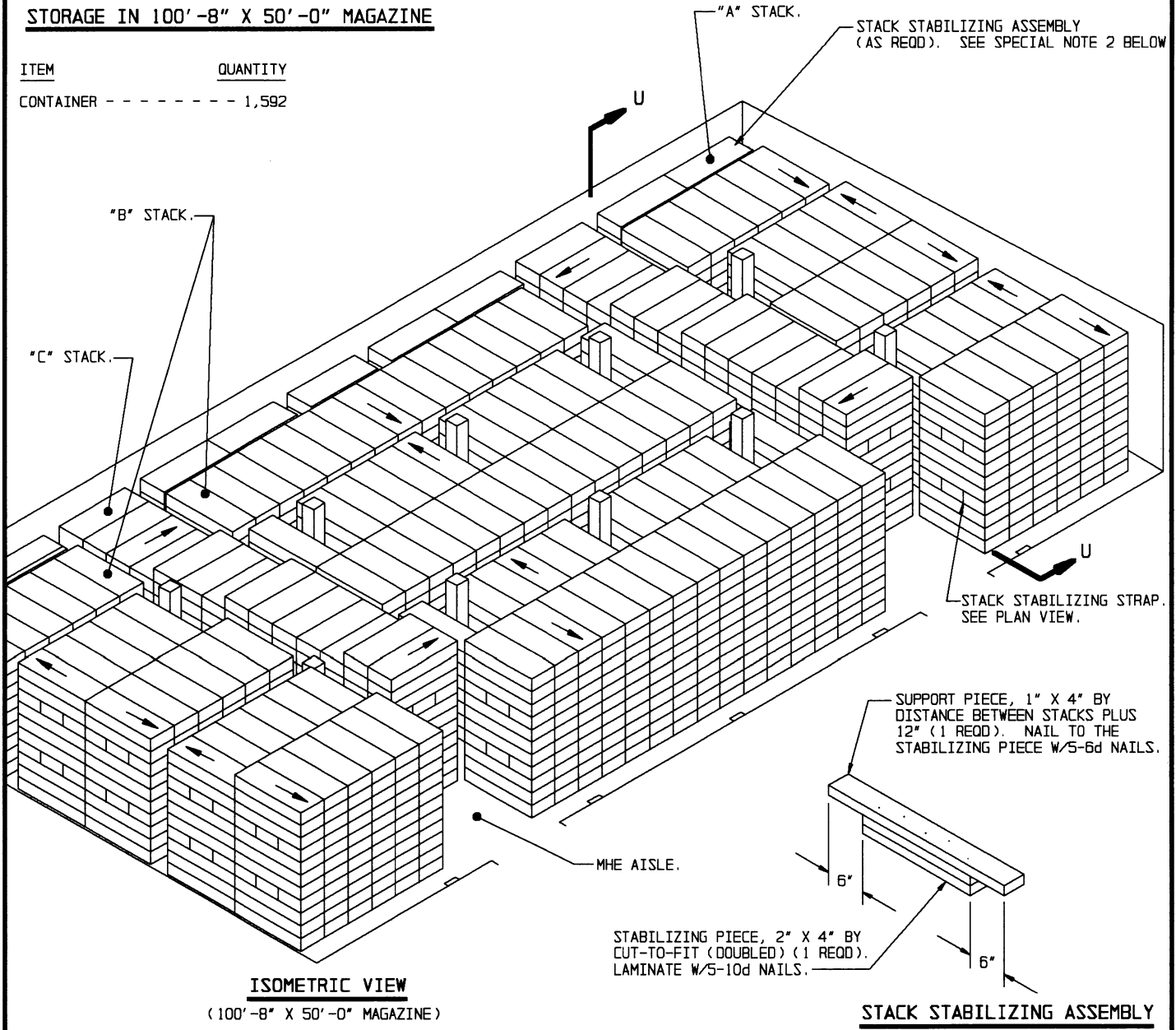
INDICATES DIRECTION OF STORAGE.



**SECTION U-U**

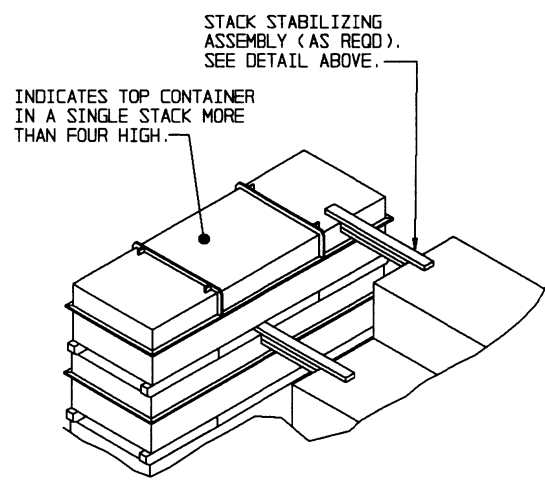
**STORAGE IN 100'-8" X 50'-0" MAGAZINE**

ITEM	QUANTITY
CONTAINER - - - - -	1,592



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

**STACK STABILIZING ASSEMBLY**



**STACK STABILIZING DETAIL**  
SEE SPECIAL NOTE 2 ON THIS PAGE.

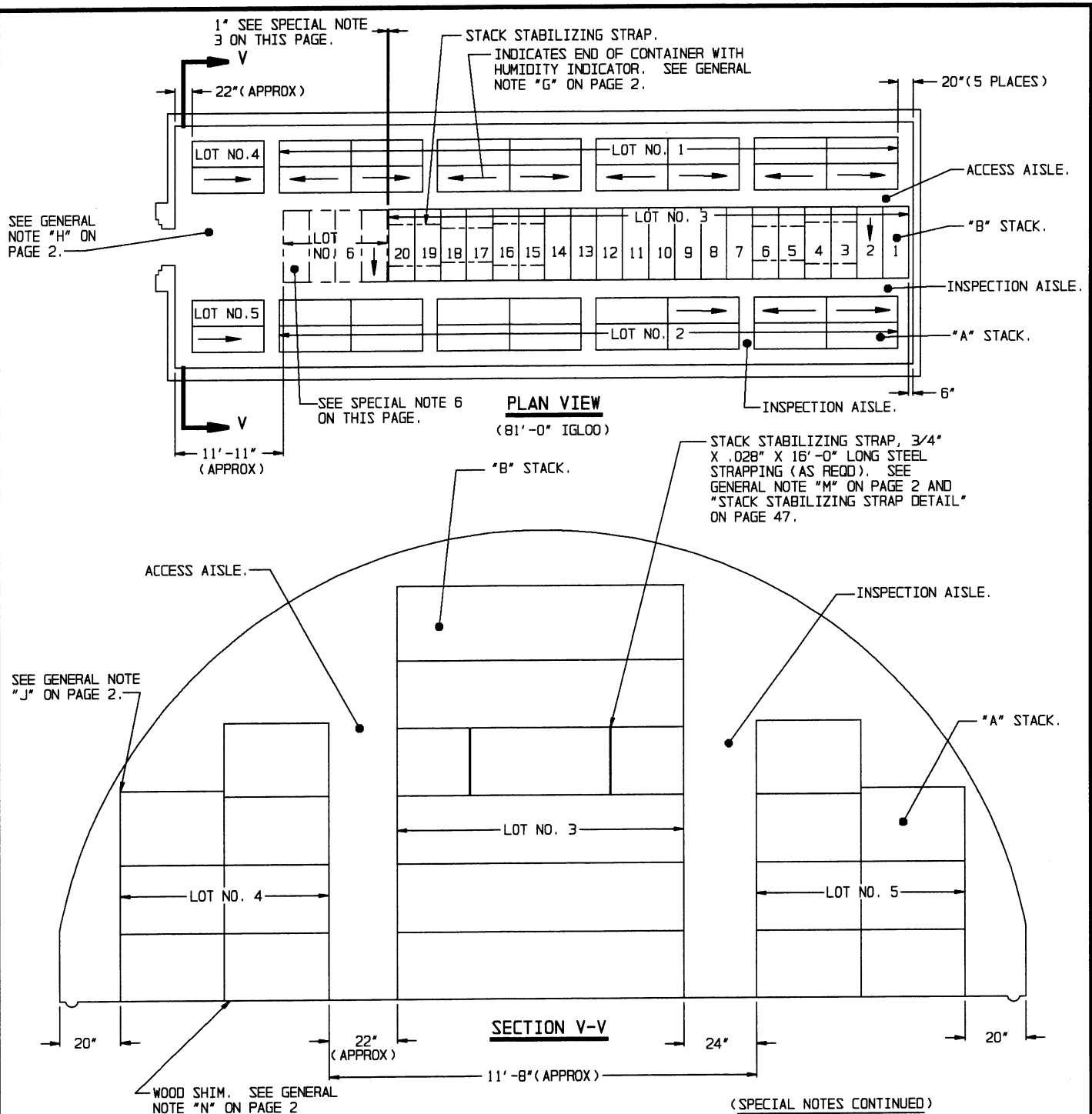
STACK STABILIZING ASSEMBLY (AS REQD). SEE DETAIL ABOVE.

INDICATES TOP CONTAINER IN A SINGLE STACK MORE THAN FOUR HIGH.

**SPECIAL NOTES:**

1. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL", ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE FOURTH AND EIGHTH LAYERS OF THE STACKS AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2. ALTHOUGH REQUIRED, ALL STACK STABILIZING STRAPS HAVE NOT BEEN SHOWN IN SOME VIEWS FOR CLARITY PURPOSES.
2. SINGLE STACKS, SUCH AS SHOWN AT THE REAR OF THE MAGAZINE AND/OR ADJACENT TO A COLUMN MUST BE MADE STABLE BY USING STACK STABILIZING ASSEMBLIES. SEE THE "STACK STABILIZING ASSEMBLY" AND THE "STACK STABILIZING DETAIL" ON THIS PAGE. NOTE: IF DESIRED OR IF THERE ARE NO CONTAINERS POSITIONED IN THE MHE AISLE, THE SINGLE STACKS MAY BE LIMITED TO FOUR CONTAINERS HIGH.

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



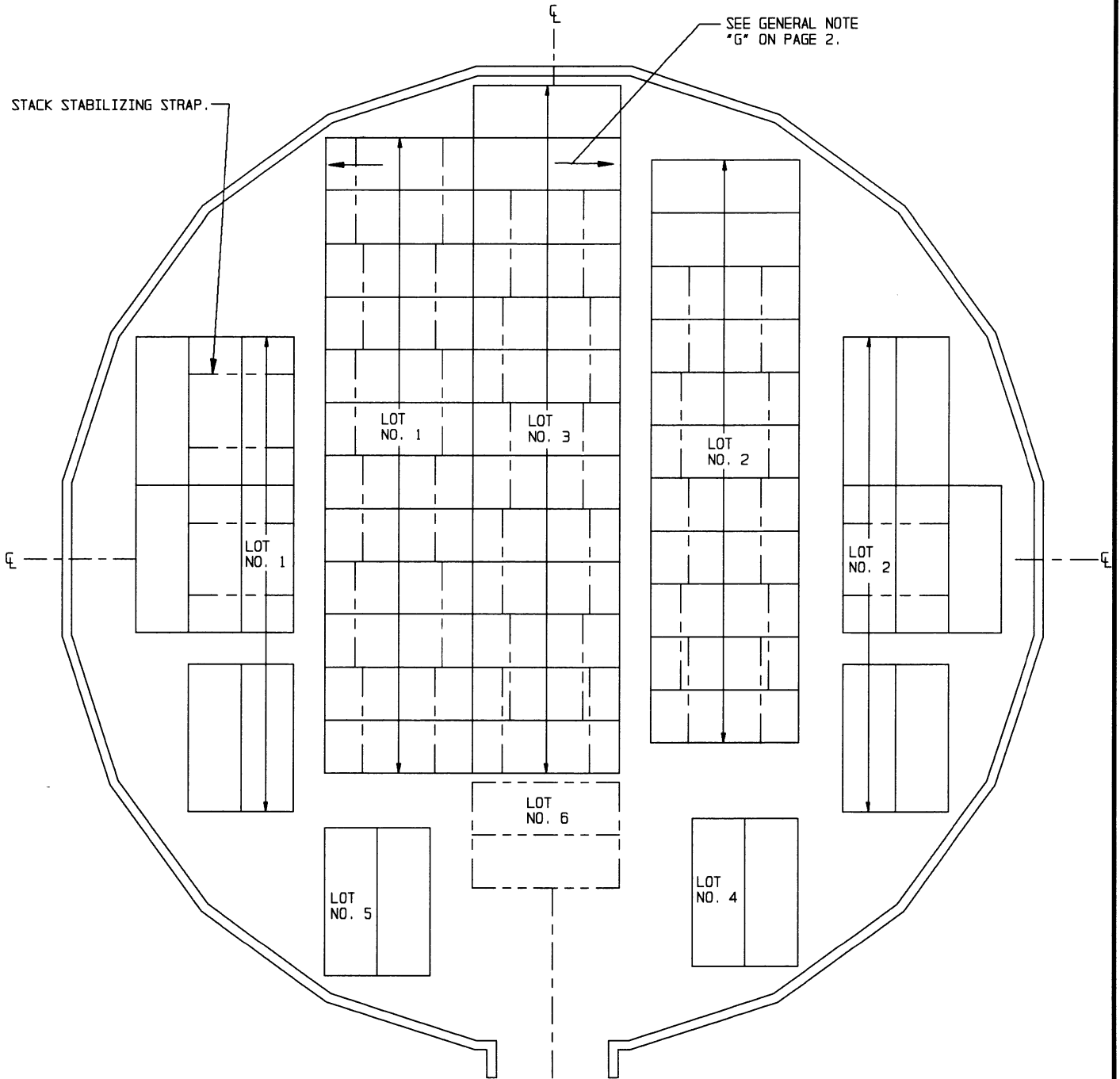
**SPECIAL NOTES:**

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 THE NUMBER AND SIZE OF LOTS TO BE STORED IN THE MAGAZINE REQUIRE. A "PLAN VIEW" AND "SECTION VIEW" OF AN 81'-0" LONG BY 26'-6" WIDE BY 12'-9" HIGH IGLOO IS SHOWN DEPICTING TYPICAL MULTIPLE-LOT STORAGE.
2. THESE PROCEDURES WILL BE USED FOR MULTIPLE-LOT STORAGE IN IGLOO, ARCH TYPE, STRADLEY, OVAL ARCH, AND STEEL ARCH MAGAZINES. WHEN DEVELOPING A STORAGE PLAN FOR MULTIPLE-LOT STORAGE, USE A COMBINATION OF THE PROCEDURES SHOWN ON THIS PAGE AND THE PROCEDURES SHOWN ON PAGES 4 THRU 19 AND PAGES 24 THRU 39 DEPENDING ON WHICH TYPE MAGAZINE IS BEING USED AND WHICH CONTAINER IS BEING STORED.
3. WHEN TWO OR MORE LOTS ARE STORED ADJACENT TO EACH OTHER THEY MUST BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.  
(CONTINUED AT RIGHT)
4. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL" ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE STACKS, AS SHOWN. SEE GENERAL NOTE "M" ON PAGE 2
5. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "G" ON PAGE 2.
6. THE CONTAINERS SHOWN WITHIN THE MHE AISLE INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED. 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 GENERAL NOTE "Q" ON PAGE 2, RELATIVE TO "12 LIFTS, WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF CONTAINERS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN THOSE SHOWN MAY BE STORED. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS
7. FOR ADDITIONAL GUIDANCE, SEE GENERAL NOTES "P", "O", AND "R" ON PAGE 2.

**TYPICAL MULTIPLE-LOT STORAGE PROCEDURES**

STACK STABILIZING STRAP.

SEE GENERAL NOTE  
"G" ON PAGE 2.



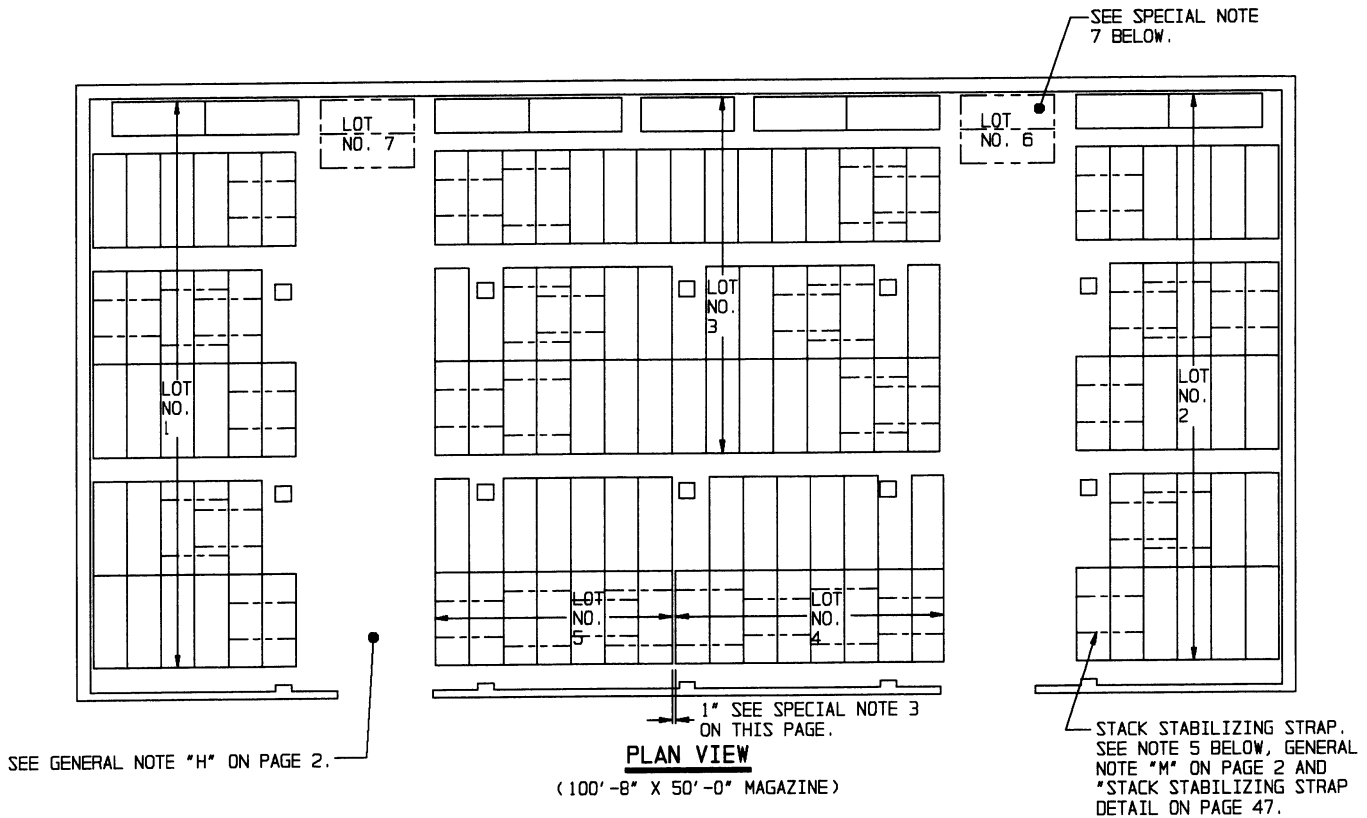
**PLAN VIEW**

(SPECIAL NOTES CONTINUED)

**SPECIAL NOTES:**

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 THE NUMBER AND SIZE OF THE LOTS TO BE STORED IN THE MAGAZINE REQUIRE. SEE THE STORAGE PROCEDURES ON PAGES 20 OR 40 FOR DIMENSIONS OF AISLES, AND LOCATION OF STACKS WITHIN THE MAGAZINE.
2. WHEN DEVELOPING A STORAGE PLAN FOR MULTIPLE-LOT STORAGE, USE A COMBINATION OF THE PROCEDURES SHOWN IN THE "PLAN VIEW" ON THIS PAGE AND THE PROCEDURES SHOWN ON PAGES 20 AND 21 OR 40 AND 41.
3. WHEN TWO OR MORE LOTS ARE STORED ADJACENT TO EACH OTHER THEY MUST BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
4. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "G" ON PAGE 2.
5. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL" ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE STACKS, AS SHOWN. THESE STRAPS ARE ONLY REQUIRED IN THE STACKS OF A ROW WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2.
6. THE CONTAINERS SHOWN WITHIN THE MHE AISLE INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED. COMPLIANCE WITH ALL OF THE MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE LOTS BEING STORED AND THE CRITERIA OF GENERAL NOTE "Q" ON PAGE 2, RELATIVE TO "12 LIFTS", WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF CONTAINERS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.
7. FOR ADDITIONAL GUIDANCE, SEE GENERAL NOTES "P", "Q" AND "R" ON PAGE 2.

**TYPICAL MULTIPLE-LOT STORAGE PROCEDURES**



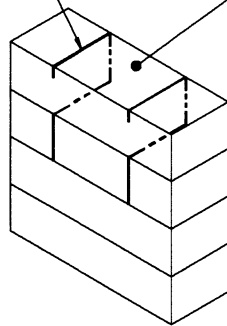
SPECIAL NOTES:

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 THE NUMBER AND SIZE OF THE LOTS TO BE STORED IN THE MAGAZINE REQUIRE. A "PLAN VIEW" ON THIS PAGE OF A 100'-8" LONG BY 50'-0" WIDE RECTANGULAR MAGAZINE IS SHOWN DEPICTING TYPICAL MULTIPLE-LOT STORAGE. SEE THE STORAGE PROCEDURES ON PAGES 22 AND 42 FOR DIMENSIONS OF AISLES, AND LOCATION OF STACKS WITHIN THE MAGAZINE.
2. WHEN DEVELOPING A STORAGE PLAN FOR MULTIPLE-LOT STORAGE, USE A COMBINATION OF THE PROCEDURES SHOWN ON THIS PAGE, AND THE PROCEDURES SHOWN ON PAGES 22 AND 23 OR 42 AND 43.
3. WHEN TWO OR MORE LOTS ARE STORED ADJACENT TO EACH OTHER THEY MUST BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
4. SEE THE "PLAN VIEW" ON PAGE 22 OR 42 FOR THE QUANTITY OF CNU-80/E25 AND CNU-203/E CONTAINERS (24-3/8" HIGH) OR CNU-152/E CONTAINERS (17-1/4" HIGH) WITHIN A STACK.
5. STACK STABILIZING STRAPS MUST BE PRE-POSITIONED. SEE "STACK STABILIZING STRAP DETAIL" ON PAGE 47. INSTALL TO ENCIRCLE TWO ADJACENT CONTAINERS IN THE STACKS, AS SHOWN. THESE STRAPS ARE ONLY REQUIRED WHEN THE STACK IS FIVE CONTAINERS OR MORE IN HEIGHT. SEE GENERAL NOTE "M" ON PAGE 2.
6. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "G" ON PAGE 2.
7. THE CONTAINERS SHOWN WITHIN THE MHE AISLE INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED. 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 GENERAL NOTE "Q" ON PAGE 2, RELATIVE TO "12 LIFTS", (24 LIFTS IN THE RECTANGULAR MAGAZINE AS SHOWN ABOVE, 12 LIFTS EACH MHE AISLE) WILL BE MAJOR FACTORS IMPACTING ON THE NUMBER OF CONTAINERS THAT CAN BE STORED IN AN "ADDITIONAL STORAGE LOCATION". MORE OR FEWER STACKS THAN SHOWN MAY BE STORED. THE MHE OPERATING AREA CAN BE ENLARGED AS REQUIRED TO SUIT AVAILABLE FORKLIFT TRUCKS, AND SHOULD BE MADE SMALLER IF AVAILABLE MHE PERMITS. HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS IN STORAGE RESULTS.
8. FOR ADDITIONAL GUIDANCE, SEE GENERAL NOTES "P", "Q", AND "R" ON PAGE 2.
9. SEE THE SPECIAL NOTE 2 ON PAGES 23 OR 43 FOR METHOD OF STABILIZING SINGLE STACKS WHICH ARE OVER FOUR CONTAINERS HIGH.

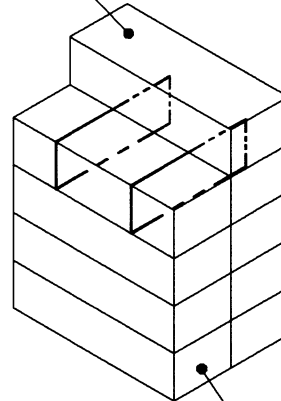
TYPICAL MULTIPLE-LOT STORAGE PROCEDURES

STACK STABILIZING STRAP. SEE GENERAL NOTE "M" ON PAGE 2.

THE FIRST AND ALL UNEVEN NUMBERED STACKS IN A ROW WHICH ARE FIVE OR MORE CONTAINERS HIGH.



STEP I



STEP II

SECOND AND ALL EVEN NUMBERED STACKS IN A ROW.

### STACK STABILIZING STRAP DETAIL

(THE DETAILS SHOW STRAPS TO ENCIRCLE FORTH LAYER CONTAINERS. SEE NOTES BELOW FOR ADDITIONAL GUIDANCE)

#### STEP I

POSITION THE BOTTOM THREE CONTAINERS IN THE "FIRST STACK". LAY THE TWO STACK STABILIZING STRAPS ACROSS THE TOP OF THE THIRD HIGH CONTAINER THEN POSITION THE FOURTH CONTAINER. POSITION THE STRAPS TO ENCIRCLE THE FORTH CONTAINER, AS SHOWN IN STEP I, AND LET ENDS OF STRAPS HANG OVER SIDE OF STACK. POSITION ADDITIONAL CONTAINERS ON THE FIRST STACK.

#### STEP II

POSITION THE BOTTOM THREE CONTAINERS IN THE "SECOND STACK". LAY THE TWO STACK STABILIZING STRAPS ACROSS THE TOP OF THE THIRD HIGH CONTAINER THEN POSITION THE FOURTH CONTAINER. POSITION THE STRAPS TO ENCIRCLE THE FORTH CONTAINER, AS SHOWN IN STEP II, AND SEAL EACH STRAP WITH ONE STRAP SEAL. POSITION ADDITIONAL CONTAINERS ON THE "SECOND STACK".

#### NOTES:

1. STACK STABILIZING STRAPS WILL NOT NECESSARILY BE INSTALLED TO ENCIRCLE ONLY FORTH LAYER CONTAINERS. IT MAY BE NECESSARY TO INSTALL STRAPS IN OTHER LAYERS. THE "SECTION VIEW" FOR THE MAGAZINE TO BE USED FOR STORAGE OF THE SPECIFIC CNU CONTAINERS DESIGNATE THE LAYERS IN WHICH STABILIZING STRAPS ARE TO BE INSTALLED.
2. WHEN A ROW OF CONTAINER STACKS ENDS WITH AN UNEVEN NUMBERED STACK, AS TYPICALLY SHOWN IN THE "PLAN VIEWS" ON PAGES 4 AND 24, THE LAST THREE (3) ADJACENT STACKS WILL BE STRAPPED TOGETHER WITH TWO (2) PAIR OF STRAPS.
3. STACKS WHICH ARE MORE THAN EIGHT (8) CONTAINERS HIGH WILL REQUIRE STABILIZING STRAPS IN THE FORTH AND EIGHTH LAYERS.

