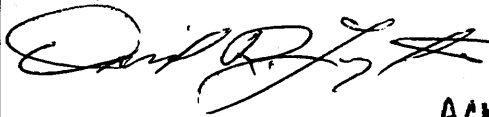

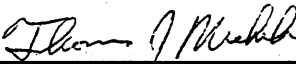
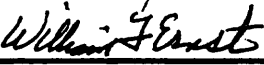


STINGER

STORAGE IN APPROVED MAGAZINES OF
THE COMPLETE ROUND PACKED IN
WIREBOUND AND/OR ALUMINUM
CONTAINER (UNITIZED AND UNUNITIZED
OR PALLETIZED AND UNPALLETIZED,
RESPECTIVELY)

INDEX

<u>ITEM</u>	<u>PAGE(S)</u>
GENERAL NOTES AND MATERIAL SPECIFICATIONS - - - - -	2
ITEMIZED INDEX - - - - -	3
WIREBOUND CONTAINER AND UNITIZATION DETAILS - - - - -	4
ALUMINUM CONTAINER AND PALLETIZATION DETAILS - - - - -	5
STORAGE PROCEDURES FOR WIREBOUND CONTAINERS - - - - -	6-15
STORAGE PROCEDURES FOR UNITIZED WIREBOUND CONTAINERS - - - - -	16-25
STORAGE PROCEDURES FOR ALUMINUM CONTAINERS - - - - -	26-35
STORAGE PROCEDURES FOR PALLETIZED ALUMINUM CONTAINERS - - - - -	36-45
DETAILS - - - - -	46

U. S. ARMY MATERIEL COMMAND DRAWING			
APPROVED, U.S. ARMY MISSILE COMMAND  ACM	DRAFTSMAN	D. WHITMORE	
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND 	ENGINEER	M. DAEUMER	
U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	SUPPLY ENGINEERING DIVISION		
REVISION NO. 3 JUNE 1994	LOGISTICS ENGINEERING OFFICE		
SEE THE REVISION LISTING ON PAGE 3	OCTOBER 1986		
DO NOT SCALE	CLASS	DIVISION	DRAWING
19 48 5238 GM1 14SR1	FILE		

GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5). SEE GENERAL NOTE "M".
- B. THE STORAGE PROCEDURES SPECIFIED HEREIN ARE APPLICABLE TO THE STINGER GUIDED MISSILE PACKED IN WIRE BOUND CONTAINER AND/OR ALUMINUM CONTAINER. SUBSEQUENT REFERENCE TO CONTAINER MEANS WIREBOUND CONTAINER AND/OR ALUMINUM CONTAINER WITH CONTENTS. ALSO, SUBSEQUENT REFERENCE TO SKIDDED UNIT MEANS THE SKIDDED UNIT OF NINE (9) WIRE BOUND CONTAINERS WITH CONTENTS AND SUBSEQUENT REFERENCE TO PALLETIZED UNIT MEANS THE PALLETIZED UNIT OF NINE (9) ALUMINUM CONTAINERS WITH CONTENTS.
- C. FOR DETAILS OF THE WIREBOUND CONTAINER, SEE U. S. ARMY MISSILE COMMAND DRAWING NO. 11509503 AND "CONTAINER" DETAIL ON PAGE 4.
- CONTAINER DIMENSIONS - 67-1/4" LONG X 13-1/8" WIDE X
10-1/2" HIGH (APPROX).
GROSS WEIGHT - - - - - 77 POUNDS (APPROX).
CUBE - - - - - 5.4 CUBIC FEET.
- D. FOR DETAILS OF THE ALUMINUM CONTAINER, SEE U.S. ARMY MISSILE COMMAND DRAWING NO. 11486952 AND "CONTAINER" DETAIL ON PAGE 5.
- CONTAINER DIMENSIONS - 65-9/16" LONG X 13" WIDE X
13-3/8" HIGH (APPROX).
GROSS WEIGHT - - - - - 85-3/4 POUNDS (APPROX).
CUBE - - - - - 6.6 CUBIC FEET.
- E. FOR DETAILS OF THE UNITIZED WIREBOUND CONTAINERS, SEE U.S. ARMY DARCOM DRAWING NO. 19-48-5239-GM20SR1 AND "SKIDDED UNIT" ON PAGE 4.
- SKIDDED UNIT DIMENSIONS - 39-3/8" LONG X 67-1/4" WIDE
X 36-1/2" HIGH (APPROX).
GROSS WEIGHT - - - - - 749 POUNDS (APPROX).
CUBE - - - - - 55.9 CUBIC FEET.
- F. FOR DETAILS OF THE PALLETIZED ALUMINUM CONTAINERS, SEE U.S. ARMY DARCOM DRAWING NO. 19-48-5239-GM20SR1 AND "PALLETIZED UNIT" ON PAGE 5.
- PALLET UNIT
DIMENSIONS - - - - 42" LONG X 67-1/16" WIDE X 45-5/8" HIGH
(APPROX).
GROSS WEIGHT - - - 952 POUNDS (APPROX).
CUBE - - - - - 73.81 CUBIC FEET.
- G. 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 WIREBOUND OR ALUMINUM 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.
- H. THIS IS A QD CLASS 1.1 ITEM AND IS IN COMPATABILITY GROUP E. CAUTION: THIS ITEM IS IN A "PROPULSIVE STATE" AND MUST BE STORED WITH THE FORWARD END FACING TOWARD THE MAGAZINE SIDEWALLS OR THE REAR WALL AS INDICATED ON THE STORAGE VIEWS.
- J. 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 FORWARD END OF THE WIREBOUND AND/OR THE ALUMINUM CONTAINERS AND THE UNITIZED WIREBOUND CONTAINERS AND/OR THE PALLETIZED ALUMINUM CONTAINERS.
- K. IF AVAILABLE MHE PERMITS, ADDITIONAL UNITIZED OR PALLETIZED UNITS MAY BE STORED WITHIN THE FRONTAL AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- L. STORED WIREBOUND OR ALUMINUM CONTAINERS 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.

(CONTINUED AT RIGHT)

MATERIAL SPECIFICATIONS

LUMBER - - - - - : SEE TM 743-200-1 (DUNNAGE LUMBER) AND
FED SPEC MM-L-751

(GENERAL NOTES CONTINUED)

- M. CAUTION: UNUNITIZED WIREBOUND CONTAINERS OR UNPALLETIZED ALUMINUM CONTAINERS MUST NOT BE STACKED MORE THAN (9) CONTAINERS HIGH.
- N. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- O. FLOOR DUNNAGE AND WEDGES ARE REQUIRED TO PERMIT LEVEL STACKING OF UNUNITIZED WIREBOUND CONTAINERS AND UNPALLETIZED ALUMINUM CONTAINERS IN IGLOO, ARCH TYPE, AND STRADLEY MAGAZINES, WHICH HAVE FLOORS THAT SLOPE TOWARD THE SIDEWALL OF THE MAGAZINE. IN OVAL-ARCH, CORBETTA, AND RECTANGULAR MAGAZINES, 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.
- P. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP-LAYER UNITIZED OR PALLETIZED UNITS IN THE STACKS SHOWN IN THE "SECTION" VIEWS HEREIN, UNLESS TWO UPPER UNITS 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 UNITS AS ONE LIFT.
- Q. ANY UNITIZED UNIT OF WIREBOUND CONTAINERS OR PALLETIZED UNIT OF ALUMINUM CONTAINERS THAT DOES NOT CONTAIN A FULL QUANTITY OF CONTAINERS WILL NOT BE BURIED IN STORAGE. IT MUST BE POSITIONED ADJACENT TO AN AISLE.
- R. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 4" MATERIAL IS ACTUALLY 3/4" THICK BY 3-1/2" WIDE.
- S. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- T. WHEN REFERRING TO THE PALLET UNIT LENGTH OR UNIT WIDTH THE 40" DIMENSION OF THE PALLET BASE CONSTITUTES THE LENGTH AND THE 48" DIMENSION CONSTITUTES THE WIDTH. SEE THE PALLETIZED UNIT ON PAGE 5. WHEN REFERRING TO THE SKIDDED UNIT LENGTH OR WIDTH THE 38-1/2" DIMENSION OF THE SKIDDED BASE CONSTITUTES THE LENGTH AND THE 66" DIMENSION CONSTITUTES THE WIDTH. SEE THE SKIDDED UNIT ON PAGE 4.
- U. 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.
- V. NOTICE: SPECIFIED DIMENSIONS SHOWING LOCATION OF ITEMS WITHIN MAGAZINES ARE APPROXIMATE DIMENSIONS UNLESS OTHERWISE NOTED. SMALL DEVIATIONS ARE PERMITTED.
- W. FOR ADDITIONAL GUIDANCE, ATTENTION IS DIRECTED TO THE "SPECIAL NOTES" SECTIONS WHICH ARE IMMEDIATELY ADJACENT TO THE DEPICTED STORAGE METHODS.
- X. A PRODUCTION OR STORAGE FACILITY IS AUTHORIZED TO HAVE ONE INCOMPLETE, UNBANDED PARTIAL SKIDDED UNIT OF WIREBOUND CONTAINERS OR PARTIAL PALLET UNIT OF ALUMINUM CONTAINERS PER LOT IN A STORAGE STRUCTURE. PRIOR TO SHIPMENT OF A PARTIAL UNIT, A LAYER MUST BE COMPLETED, IF APPLICABLE, BY THE POSITIONING OF ONE OR MORE EMPTY CONTAINERS OR FILLER ASSEMBLIES AS DELINEATED BY DRAWING 19-48-5239-GM20SR1. THE UNIT MUST BE THEN PROVIDED WITH SPACER, SIDE AND END ASSEMBLIES, AS APPLICABLE, AND RE-BANDED WITH THE SAME SIZE AND QUANTITY OF STRAPS AS THE ORIGINAL UNIT.

ITEMIZED INDEX

<u>ITEM</u>	<u>PAGE(S)</u>
GENERAL NOTES AND MATERIAL SPECIFICATIONS - - - - -	2
WIREBOUND CONTAINER AND UNITIZATION DETAILS - - - - -	4
ALUMINUM CONTAINER AND PALLETIZATION DETAILS - - - - -	5
<u>WIREBOUND CONTAINERS: (UNUNITIZED)</u>	
STORAGE PROCEDURES IN IGLOO MAGAZINES - - - - -	6,7
STORAGE PROCEDURES IN ARCH TYPE MAGAZINES - - - - -	8,9
STORAGE PROCEDURES IN STRADLEY AND OVAL ARCH MAGAZINES - - - - -	10,11
STORAGE PROCEDURES IN CORBETTA MAGAZINES - - - - -	12,13
STORAGE PROCEDURES IN RECTANGULAR MAGAZINES - - - - -	14,15
<u>WIREBOUND CONTAINER: (SKIDDED UNITS)</u>	
STORAGE PROCEDURES IN IGLOO MAGAZINES - - - - -	16,17
STORAGE PROCEDURES IN ARCH TYPE MAGAZINES - - - - -	18,19
STORAGE PROCEDURES IN STRADLEY AND OVAL ARCH MAGAZINES - - - - -	20,21
STORAGE PROCEDURES IN CORBETTA MAGAZINES - - - - -	22,23
STORAGE PROCEDURES IN RECTANGULAR MAGAZINES - - - - -	24,25
<u>ALUMINUM CONTAINERS: (UNPALLETIZED)</u>	
STORAGE PROCEDURES IN IGLOO MAGAZINES - - - - -	26,27
STORAGE PROCEDURES IN ARCH TYPE MAGAZINES - - - - -	28,29
STORAGE PROCEDURES IN STRADLEY AND OVAL ARCH MAGAZINES - - - - -	30,31
STORAGE PROCEDURES IN CORBETTA MAGAZINES - - - - -	32,33
STORAGE PROCEDURES IN RECTANGULAR MAGAZINES - - - - -	34,35
<u>ALUMINUM CONTAINERS: (PALLET UNITS)</u>	
STORAGE PROCEDURES IN IGLOO MAGAZINES - - - - -	36,37
STORAGE PROCEDURES IN ARCH TYPE MAGAZINES - - - - -	38,39
STORAGE PROCEDURES IN STRADLEY AND OVAL ARCH MAGAZINES - - - - -	40,41
STORAGE PROCEDURES IN CORBETTA MAGAZINES - - - - -	42,43
STORAGE PROCEDURES IN RECTANGULAR MAGAZINES - - - - -	44,45
DETAILS - - - - -	46

REVISIONS

REVISION NO 1, DATED JANUARY 1984, CONSISTS OF:

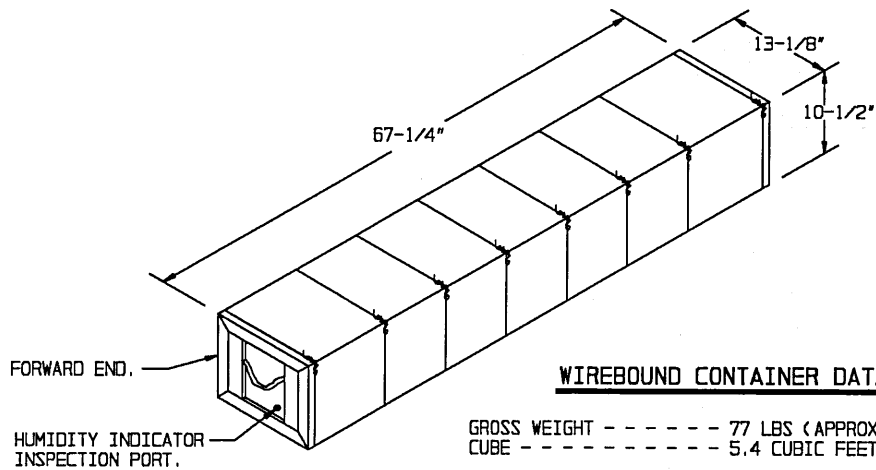
1. CHANGING THE DUNNAGE ASSEMBLIES, AND STRAPPING, ON THE PALLETIZED UNIT OF ALUMINUM CONTAINERS SHOWN ON PAGE 5, TO ALLOW VISUAL INSPECTION OF THE CONTAINERS HUMIDITY INDICATOR AND SERIAL NUMBER.
2. CHANGING ALL STORAGE PROCEDURES FOR THE PALLETIZED ALUMINUM CONTAINERS TO PROVIDE INSPECTION AISLES AT THE FORWARD END.

REVISION NO. 2, DATED OCTOBER 1986, CONSISTS OF:

1. UPDATING GENERAL NOTES.
2. REMOVING ALL NOTES AND PAGES PERTAINING TO MIXED-LOT STORAGE.

REVISION NO. 3, DATED JUNE 1994, CONSISTS OF:

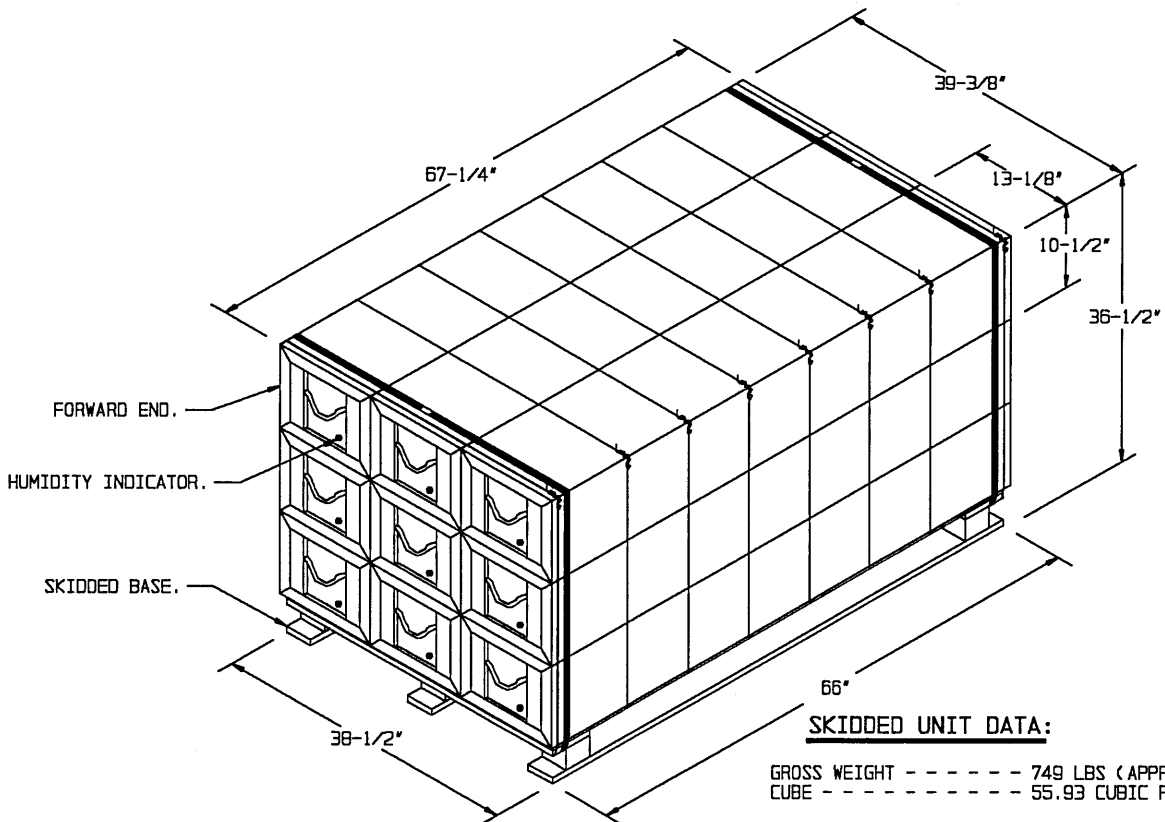
1. UPDATING DRAWING FORMAT.
2. ADDING GENERAL NOTE X* ON PAGE 2.



WIREBOUND CONTAINER DATA:

GROSS WEIGHT - - - - - 77 LBS (APPROX)
 CUBE - - - - - 5.4 CUBIC FEET (APPROX)

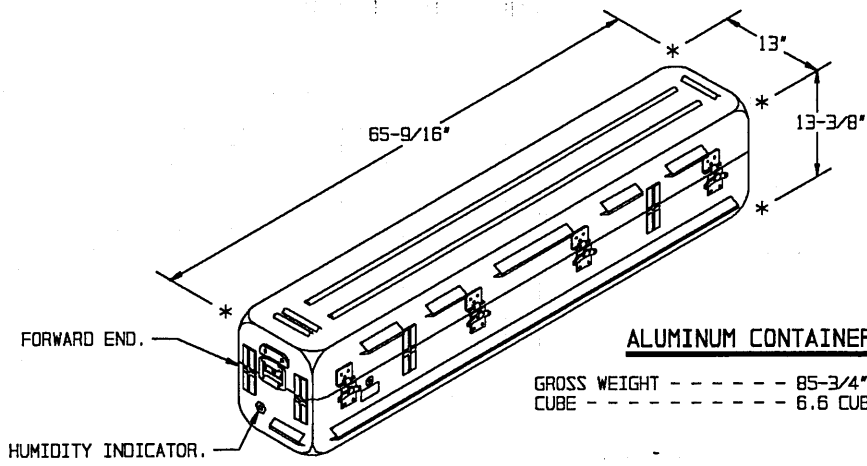
WIREBOUND CONTAINER



SKIDDED UNIT DATA:

GROSS WEIGHT - - - - - 749 LBS (APPROX)
 CUBE - - - - - 55.93 CUBIC FEET (APPROX)

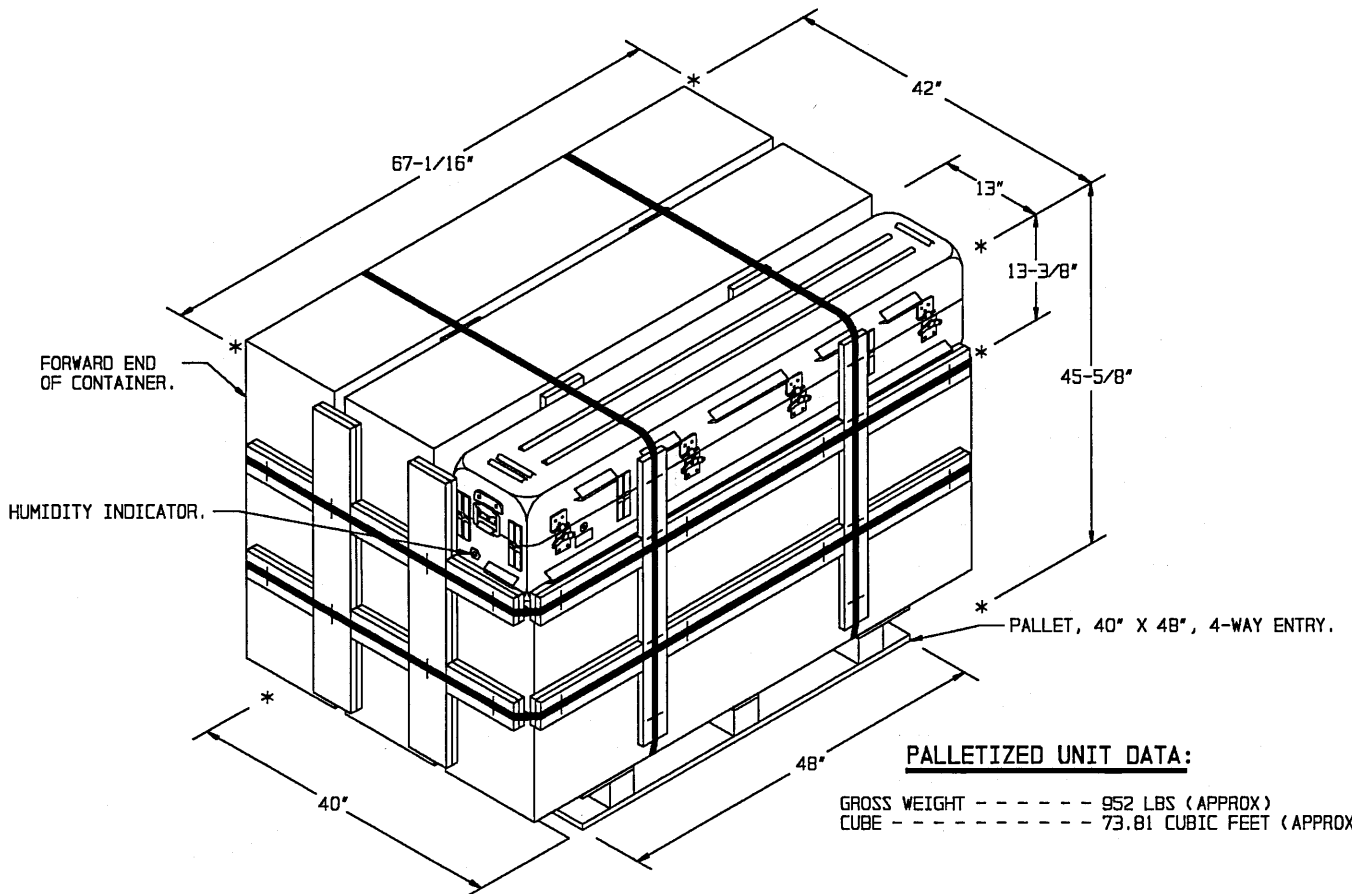
**SKIDDED UNIT OF NINE (9) GUIDED MISSILES,
 PACKED ONE (1) PER WIREBOUND (WOODEN) CONTAINER**



ALUMINUM CONTAINER DATA:

GROSS WEIGHT - - - - - 85-3/4" LBS (APPROX)
 CUBE - - - - - 6.6 CUBIC FEET (APPROX)

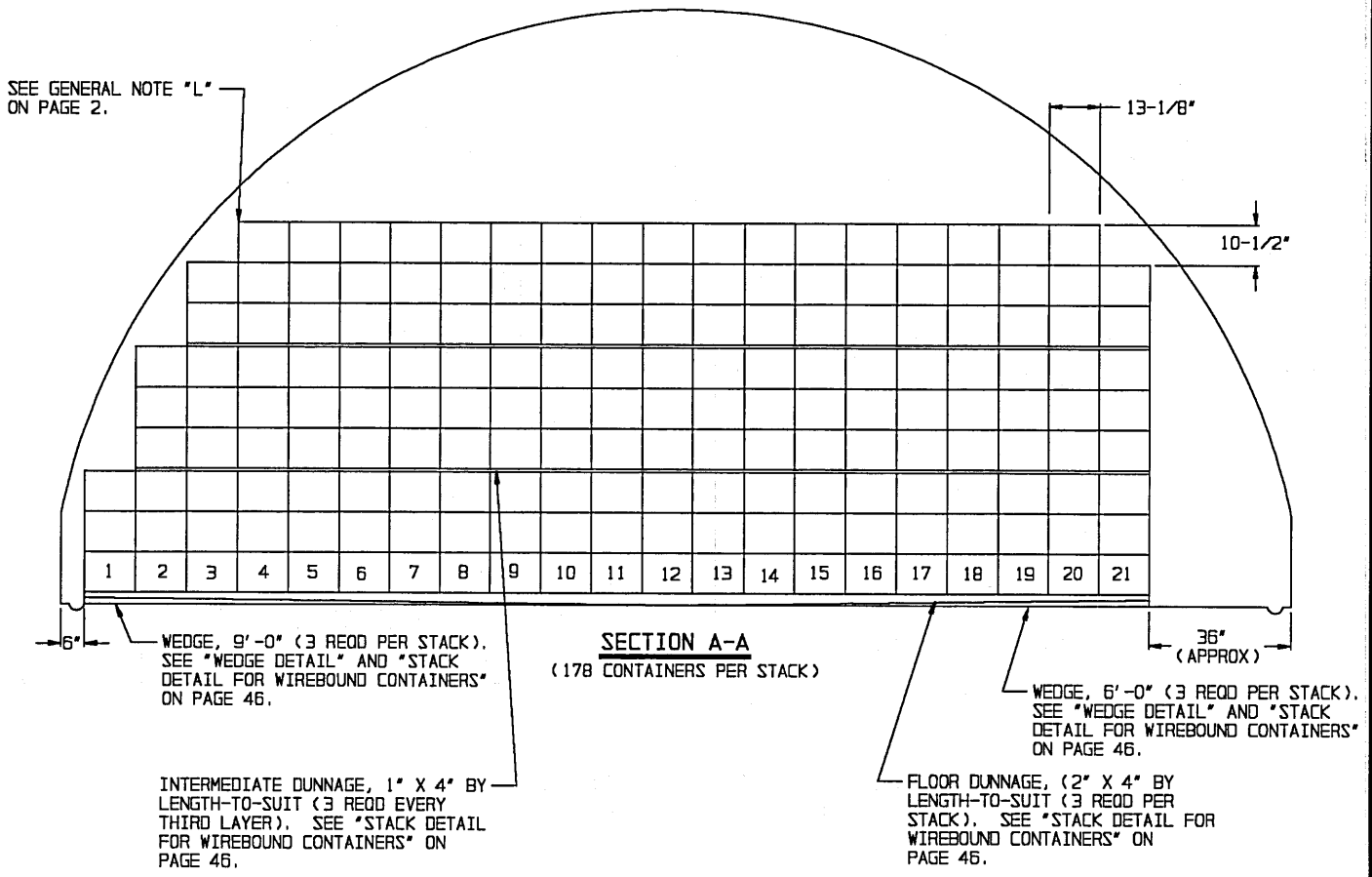
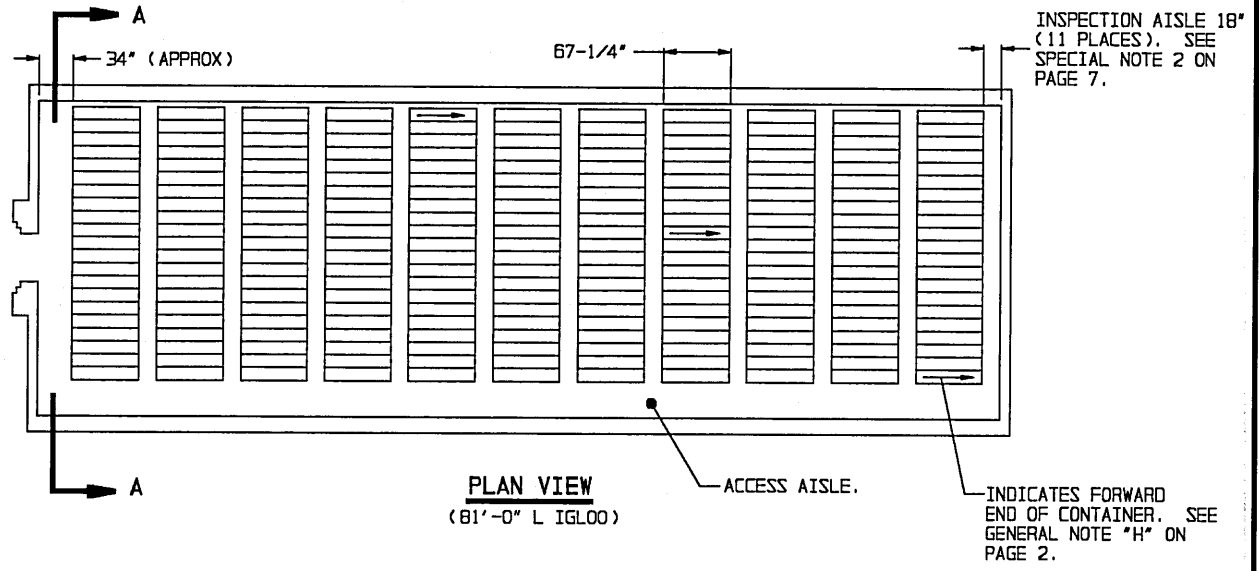
ALUMINUM CONTAINER



PALLETIZED UNIT DATA:

GROSS WEIGHT - - - - - 952 LBS (APPROX)
 CUBE - - - - - 73.81 CUBIC FEET (APPROX)

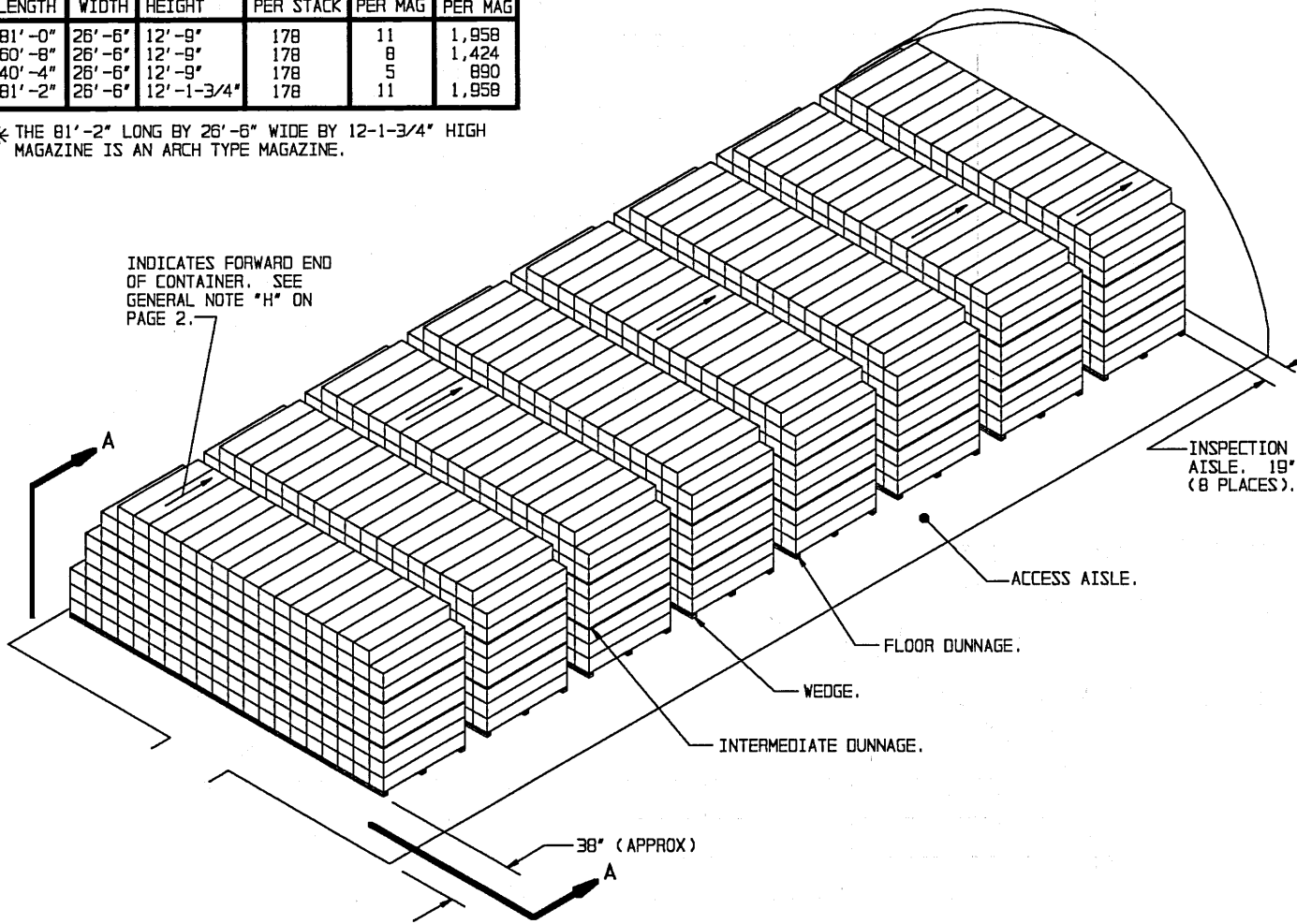
**PALLETIZED UNIT OF NINE (9) GUIDED MISSILES,
 PACKED ONE (1) PER ALUMINUM CONTAINER**



STORAGE OF WIREBOUND CONTAINERS IN IGLOO MAGAZINES *

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
81'-0"	26'-6"	12'-9"	178	11	1,958
60'-8"	26'-6"	12'-9"	178	8	1,424
40'-4"	26'-6"	12'-9"	178	5	890
81'-2"	26'-6"	12'-1-3/4"	178	11	1,958

* THE 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH MAGAZINE IS AN ARCH TYPE MAGAZINE.

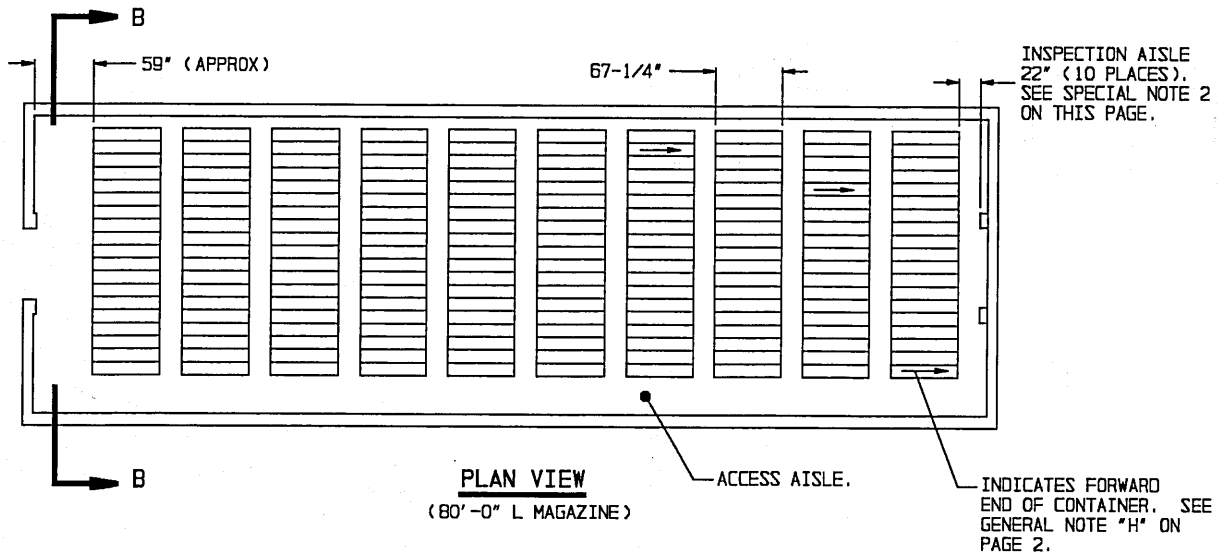


ISOMETRIC VIEW
(60'-8" IGLOO)

SPECIAL NOTES:

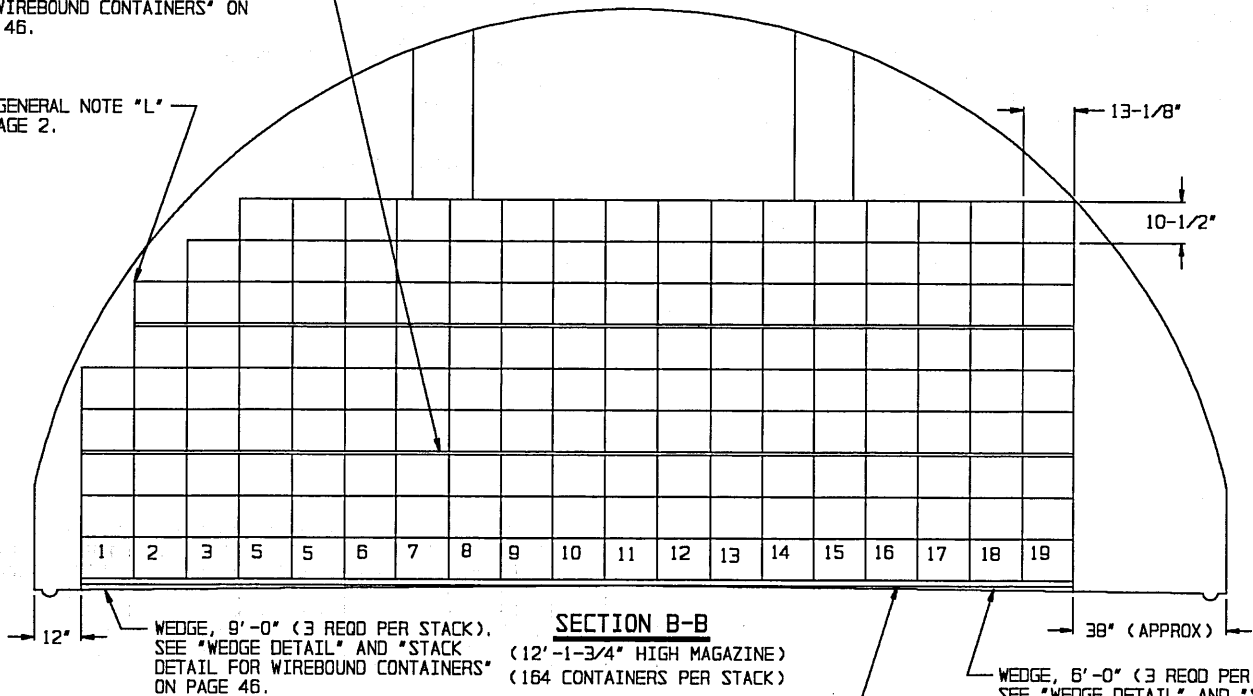
1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 6 ARE FOR AN 81'-0" L IGLOO AND THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 60'-8" L IGLOO. HOWEVER, FOR STORAGE IN 81'-0" L, 60'-8", AND 40'-4" L IGLOO MAGAZINES OR THE 81'-2" L ARCH TYPE MAGAZINE, THE 178 CONTAINER STACK, SHOWN IN "SECTION A-A" ON PAGE 6, WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF WIREBOUND CONTAINERS IN IGLOO MAGAZINES" ABOVE.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
3. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL (PER STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	127.97	42.66
2" X 4"	68.90	45.93
WEDGE, 6'-0" LONG	-----	3 REOD
WEDGE, 9'-0" LONG	-----	3 REOD



INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.



SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW ABOVE ARE FOR AN 80'-0" L MAGAZINE. FOR STORAGE IN 80'-0" L OR 40'-0" MAGAZINE WHICH ARE 12'-1-3/4" HIGH, THE 164 CONTAINER STACK SHOWN IN "SECTION B-B" WILL BE USED. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 11'-0" HIGH, THE 155 CONTAINER STACK, SHOWN IN THE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" WILL BE USED AND FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 10'-0" HIGH, THE 147 CONTAINER STACK, SHOWN IN THE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE "STORAGE OF WIREBOUND CONTAINERS IN ARCH TYPE MAGAZINES" ON PAGE 9.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
3. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

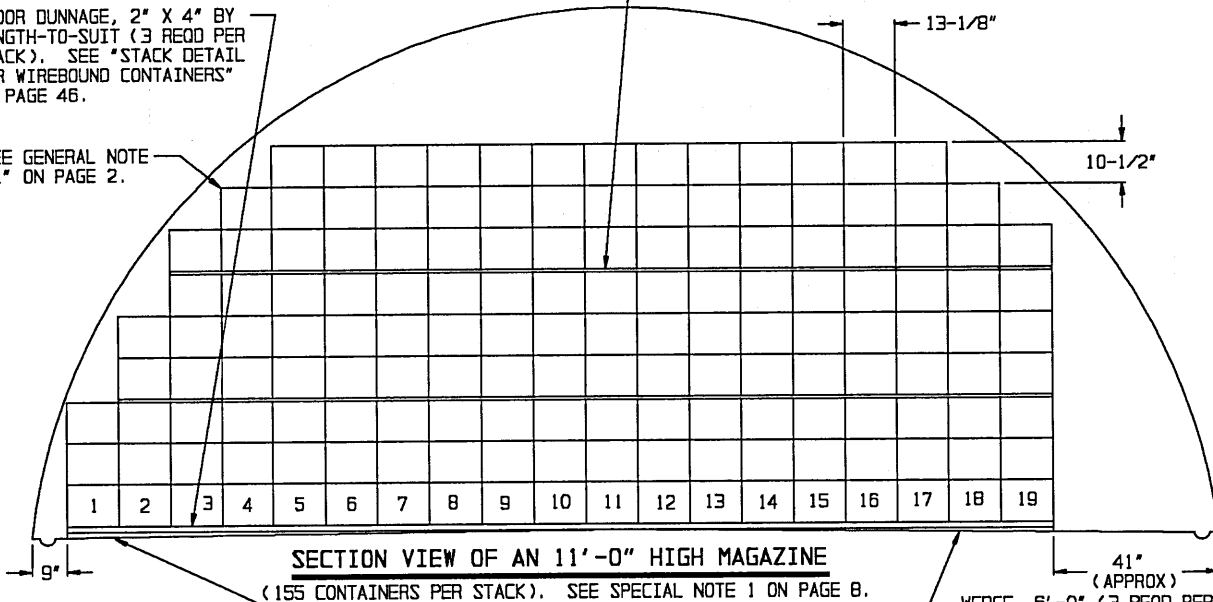
**STORAGE OF WIREBOUND CONTAINERS
IN ARCH TYPE MAGAZINES**

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	12'-1-3/4"	164	10	1,640
40'-0"	25'-0"	12'-1-3/4"	164	5	820
80'-0"	25'-0"	11'-0"	155	10	1,550
40'-0"	25'-0"	11'-0"	155	5	775
80'-0"	25'-0"	10'-0"	147	10	1,470
40'-0"	25'-0"	10'-0"	147	5	735

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REOD PER STACK). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.



SECTION VIEW OF AN 11'-0" HIGH MAGAZINE

(155 CONTAINERS PER STACK). SEE SPECIAL NOTE 1 ON PAGE 8.

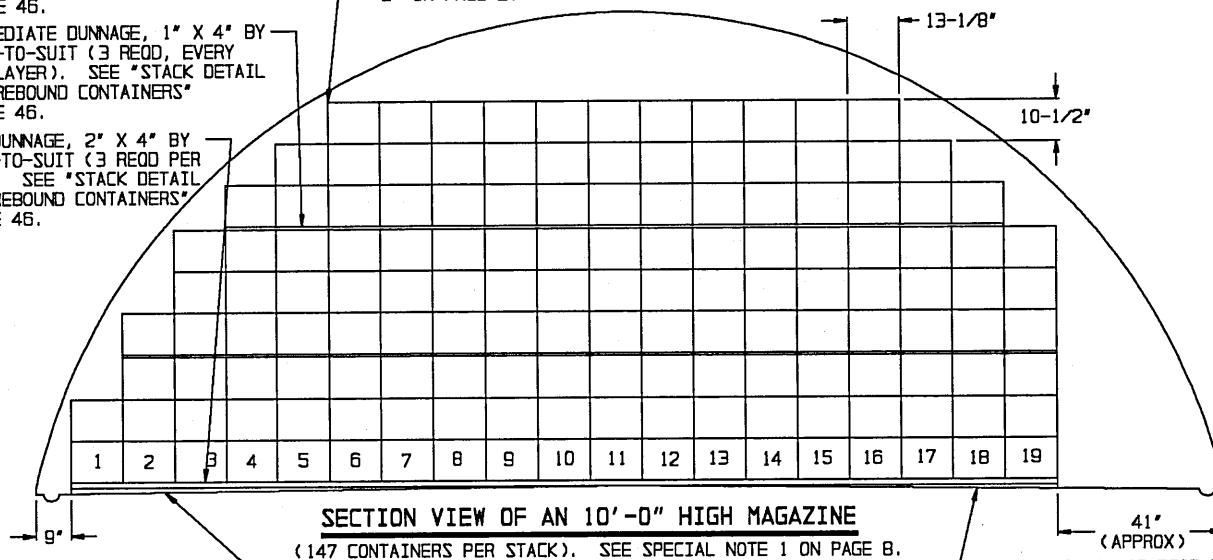
WEDGE, 9'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.

WEDGE, 6'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REOD PER STACK). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.



SECTION VIEW OF AN 10'-0" HIGH MAGAZINE

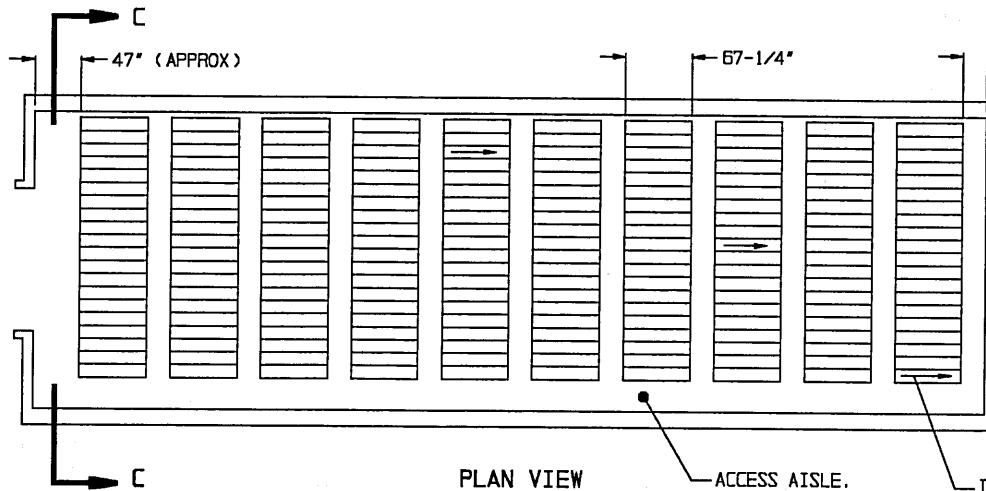
(147 CONTAINERS PER STACK). SEE SPECIAL NOTE 1 ON PAGE 8.

WEDGE, 9'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

WEDGE, 6'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

BILL OF MATERIAL (PER STACK)

MAG HEIGHT	LUMBER	LINEAR FEET	BOARD FEET
12-1-3/4"	1" X 4"	121.40	40.47
	2" X 4"	62.34	41.56
11'-0"	1" X 4"	114.81	38.27
	2" X 4"	62.34	41.56
10'-0"	1" X 4"	106.87	35.62
	2" X 4"	62.34	41.56
WEDGE, 6'-0" LONG			3 REOD
WEDGE, 9'-0" LONG			3 REOD



INSPECTION AISLE 24" (10 PLACES). SEE SPECIAL NOTE 3 ON PAGE 11.

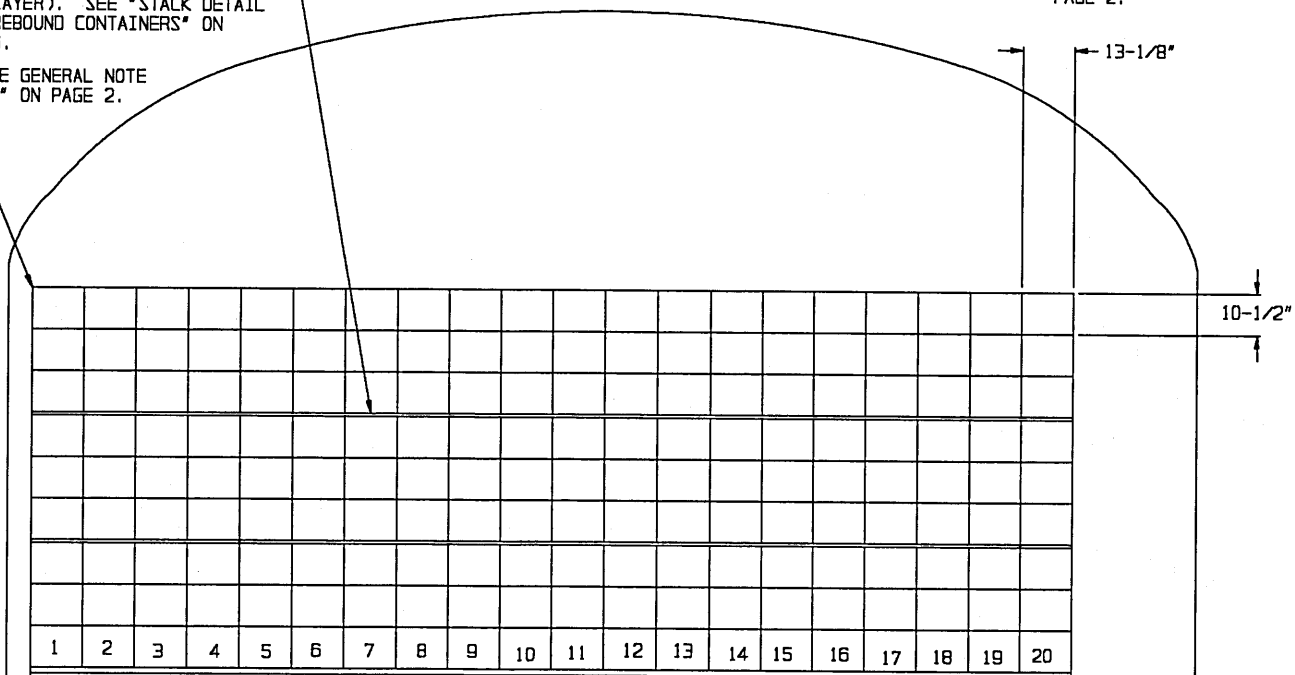
PLAN VIEW
(80'-0" L STRADLEY MAGAZINE)

ACCESS AISLE.

INDICATES FORWARD END OF CONTAINER. SEE GENERAL NOTE "H" ON PAGE 2.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD PER EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.



6"

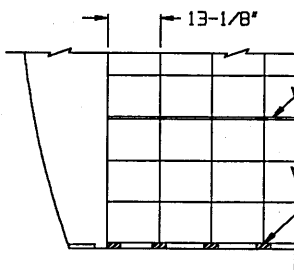
WEDGE, 9'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

SECTION C-C
(180 CONTAINERS PER STACK)

31" (APPROX)

WEDGE, 6'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

FLOOR DUNNAGE, (2' X 4" BY LENGTH-TO-SUIT (3 REOD PER STACK)). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.



INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

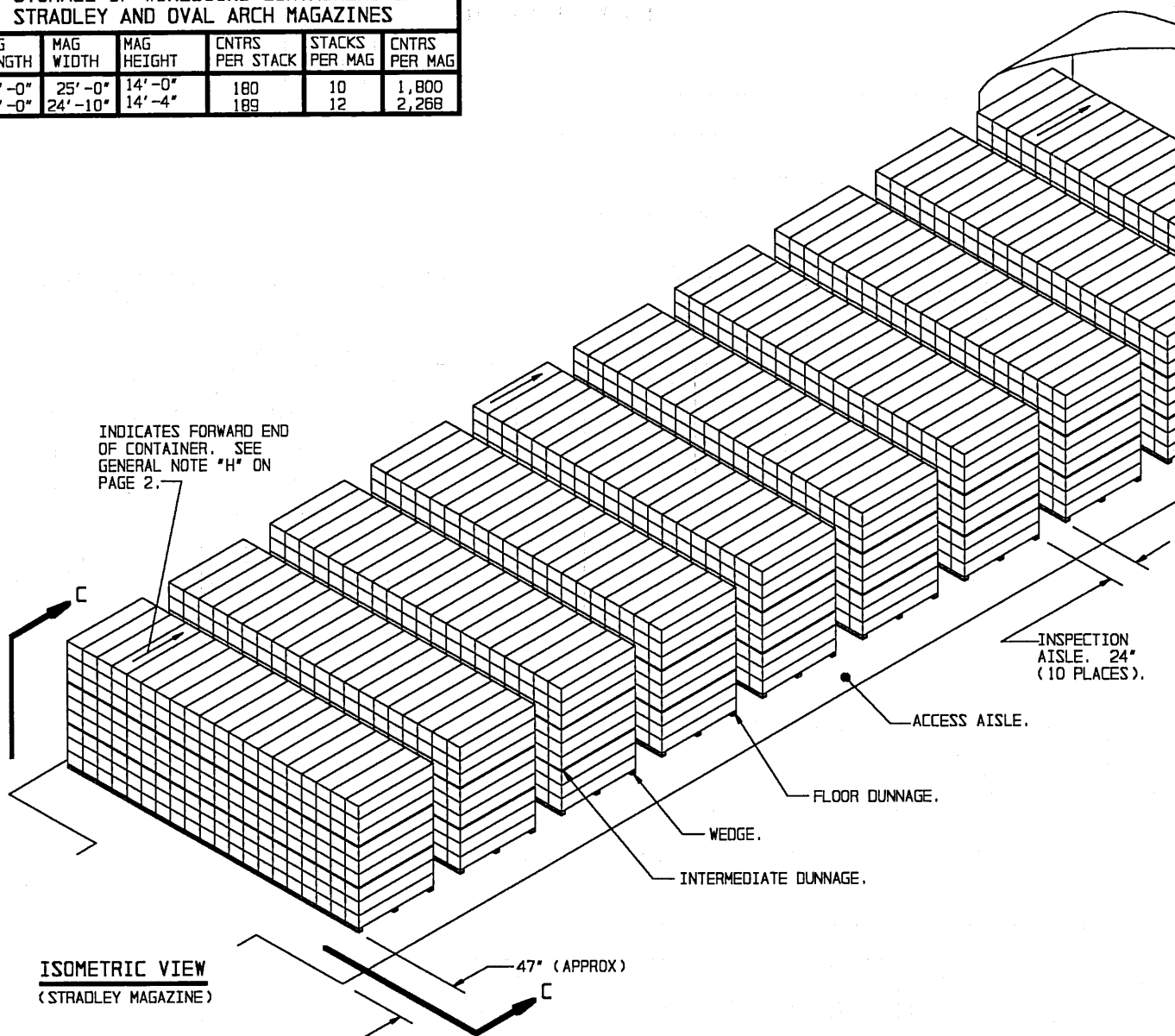
FLOOR DUNNAGE, 2' X 4" X 67" (22 REOD PER STACK). CENTER UNDER CONTAINER JOINTS AS SHOWN.

PARTIAL SECTION VIEW OF AN OVAL ARCH MAGAZINE

SEE SPECIAL NOTES ON PAGE 11.

STORAGE OF WIREBOUND CONTAINERS IN STRADLEY AND OVAL ARCH MAGAZINES

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	14'-0"	180	10	1,800
89'-0"	24'-10"	14'-4"	189	12	2,268



ISOMETRIC VIEW
(STRADLEY MAGAZINE)

THIS BILL OF MATERIAL IS FOR STRADLEY MAGAZINES ONLY.

BILL OF MATERIAL (PER STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	131.25	43.75
2" X 4"	65.62	43.75
WEDGE, 6'-0" LONG	-----	3 REOD
WEDGE, 9'-0" LONG	-----	3 REOD

THIS BILL OF MATERIAL IS FOR OVAL ARCH MAGAZINES ONLY.

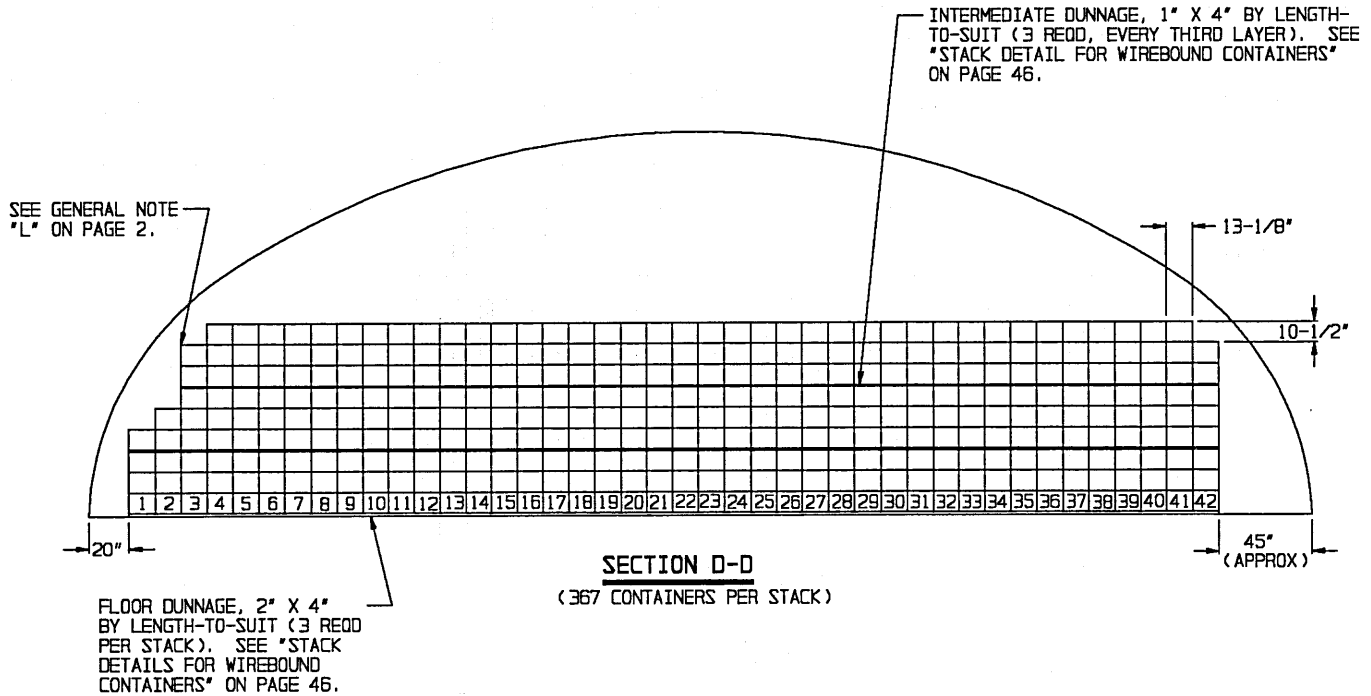
BILL OF MATERIAL (PER STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	137.81	45.94
2" X 4"	122.83	81.89

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW", "SECTION C-C", AND "ISOMETRIC VIEW" ARE FOR THE STRADLEY MAGAZINE.
2. FOR STORAGE IN OVAL ARCH MAGAZINES, POSITION 21 CONTAINERS ACROSS THE MAGAZINE. OMIT ALL WEDGES AND POSITION 2" X 4" X 67" PIECES OF FLOOR DUNNAGE TO CENTER UNDER CONTAINER JOINTS, AS SHOWN IN THE "PARTIAL SECTION VIEW OF AN OVAL ARCH MAGAZINE" ON PAGE 10. INTERMEDIATE DUNNAGE, AS SHOWN IN "SECTION C-C ON PAGE 10 WILL BE USED IN THE THIRD AND SIXTH LAYER.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

**STORAGE OF WIREBOUND CONTAINERS IN
A 52'-0" DIA CORBETTA MAGAZINE**

ITEM	QUANTITY
WIREBOUND CONTAINERS - - - - -	1,650



SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 52'-0" DIAMETER CORBETTA MAGAZINE. THE NUMBER OF CONTAINERS PER STACK STARTING FROM REAR OF MAGAZINE TOWARD THE DOOR ARE 149, 309, 367, 367, 309, AND 149.
2. AN ACCESS AISLE MUST BE PROVIDED BETWEEN THE STACKS AND THE RIGHT WALL OF THE MAGAZINE. CONTAINERS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL PER STACK OF 149 CONTAINERS

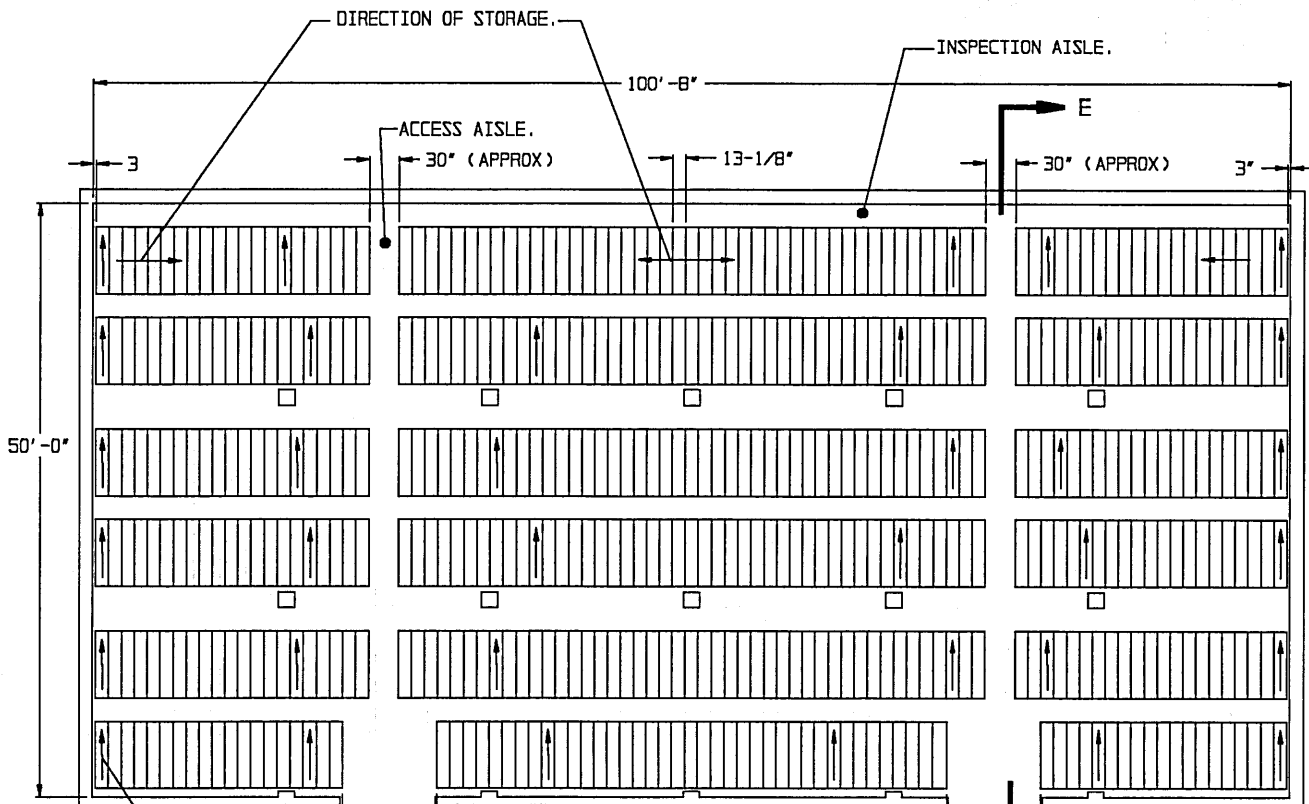
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	114.84	38.28
2" X 4"	62.34	41.56

BILL OF MATERIAL PER STACK OF 309 CONTAINERS

LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	229.69	76.56
2" X 4"	118.12	78.75

BILL OF MATERIAL PER STACK OF 367 CONTAINERS

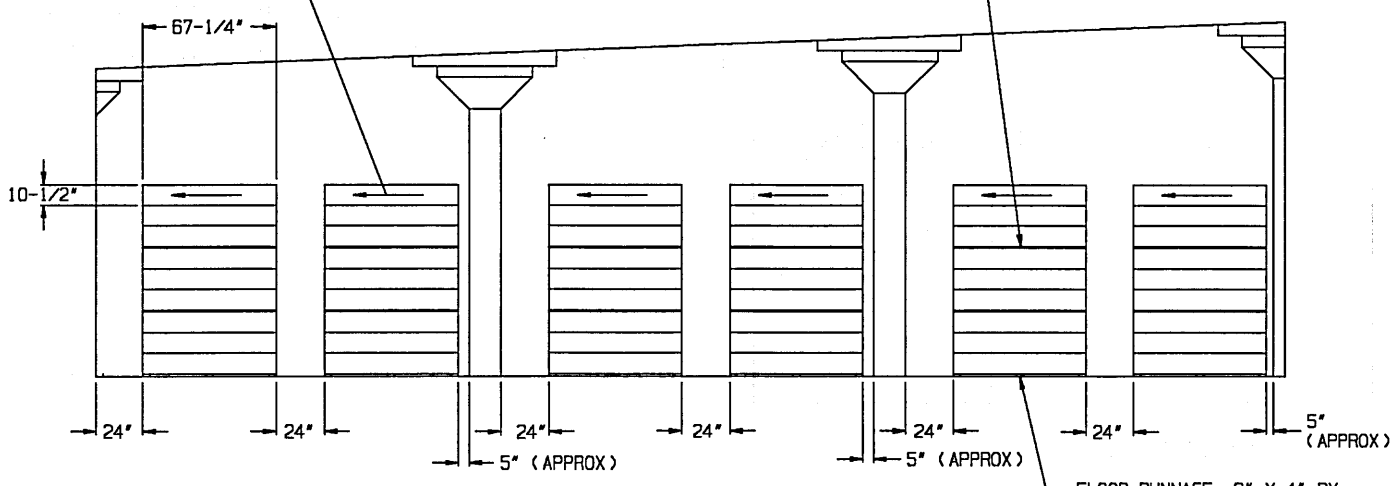
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	269.06	89.68
2" X 4"	137.81	91.87



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

INDICATES FORWARD END OF CONTAINERS. SEE GENERAL NOTE "H" ON PAGE 2.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REQD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR WIREBOUND CONTAINER" ON PAGE 46.

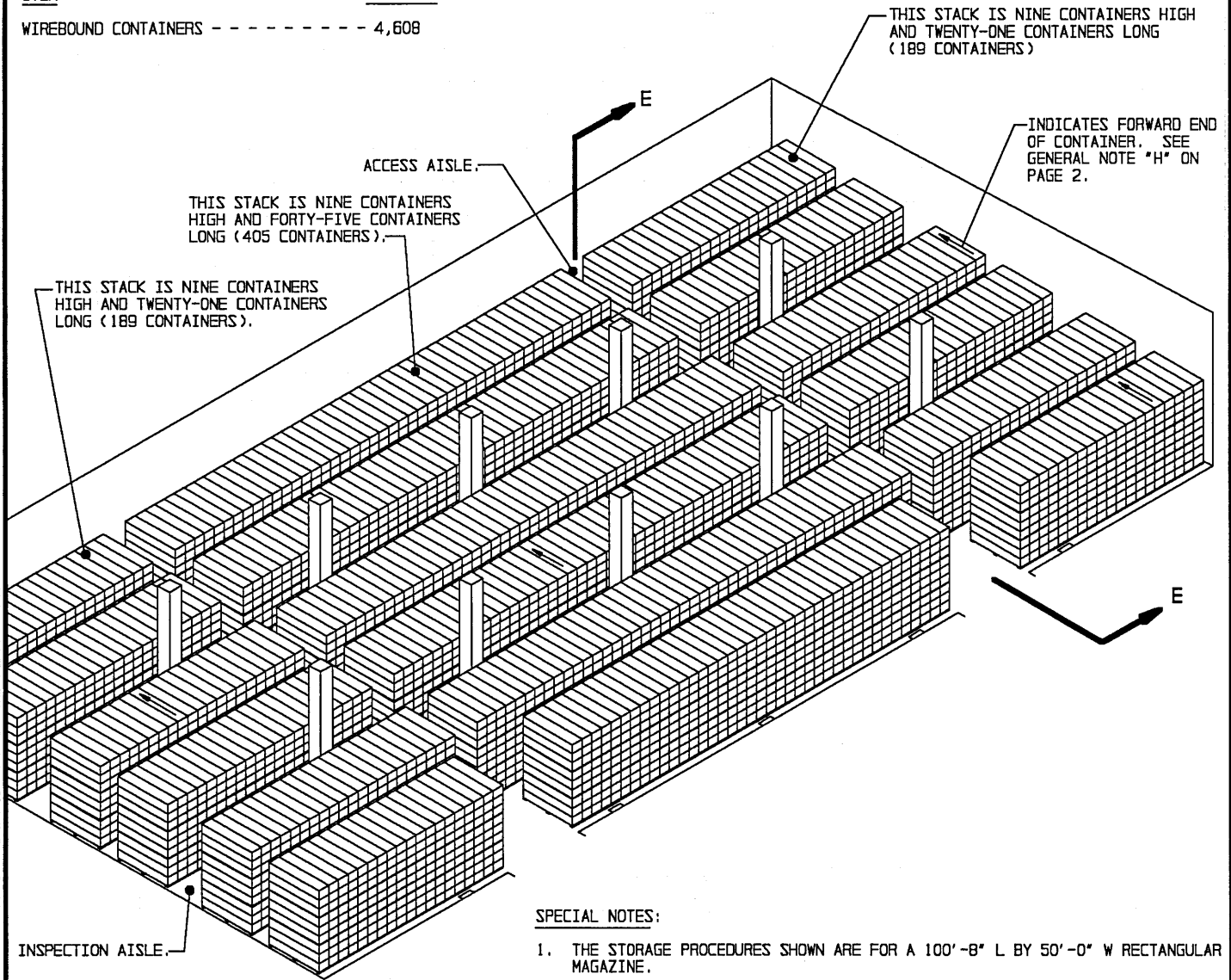


SECTION E-E

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REQD PER STACK). SEE "STACK DETAIL FOR WIREBOUND CONTAINERS" ON PAGE 46.

**STORAGE OF WIREBOUND CONTAINERS IN A
100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE**

ITEM	QUANTITY
WIREBOUND CONTAINERS - - - - -	4,608



ISOMETRIC VIEW
(100'-8" L BY 50'-0" W MAGAZINE)

SPECIAL NOTES:

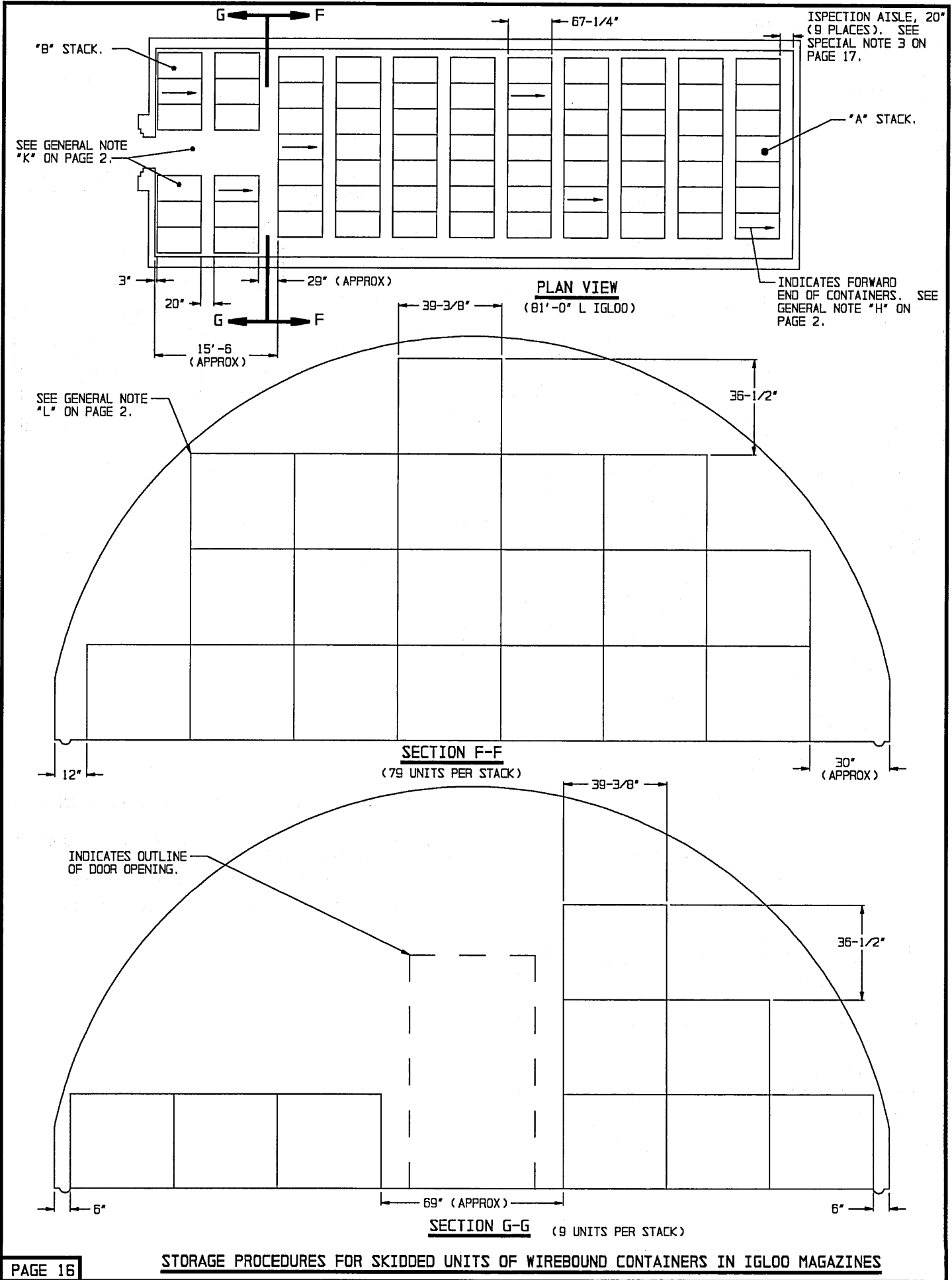
1. THE STORAGE PROCEDURES SHOWN ARE FOR A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE.
2. AN ACCESS AISLE MUST BE PROVIDED BETWEEN THE STACKS. CONTAINERS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL PER STACK OF 189 CONTAINERS

LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	68.90	22.97
2" X 4"	137.81	91.87

BILL OF MATERIAL PER STACK OF 405 CONTAINERS

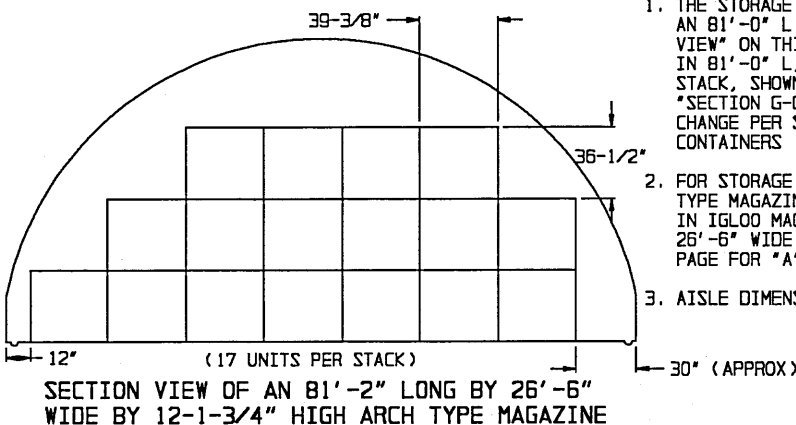
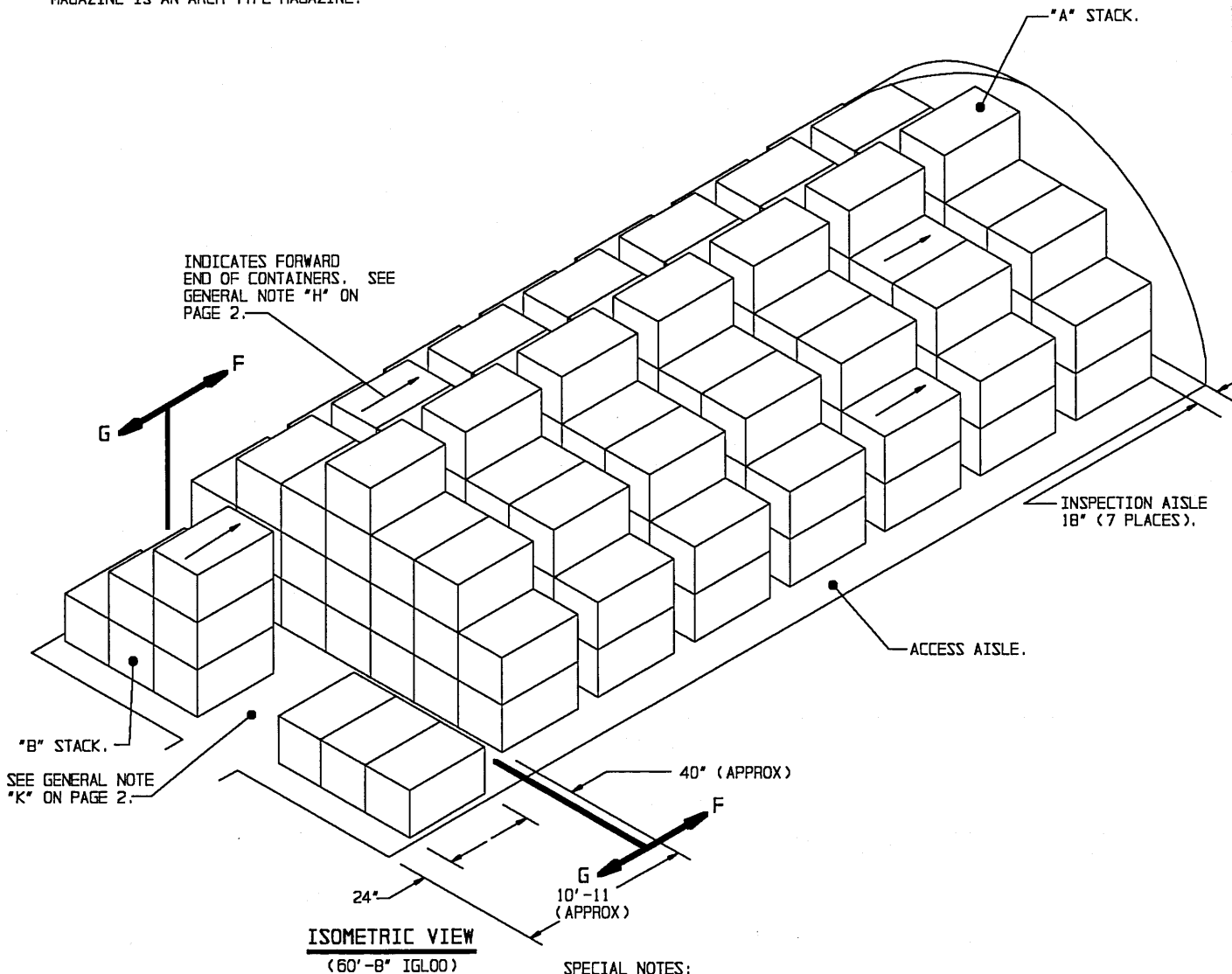
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	147.65	49.22
2" X 4"	295.31	196.87



STORAGE OF UNITIZED WIREBOUND CONTAINERS IN IGLOO MAGAZINES *

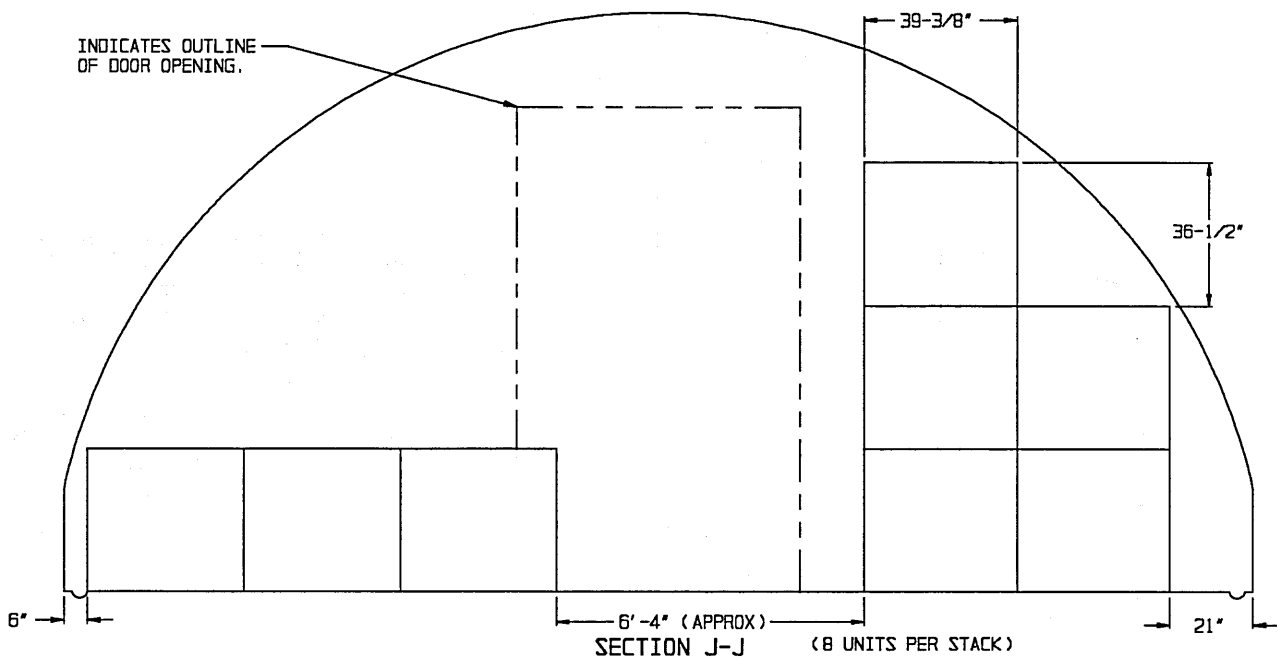
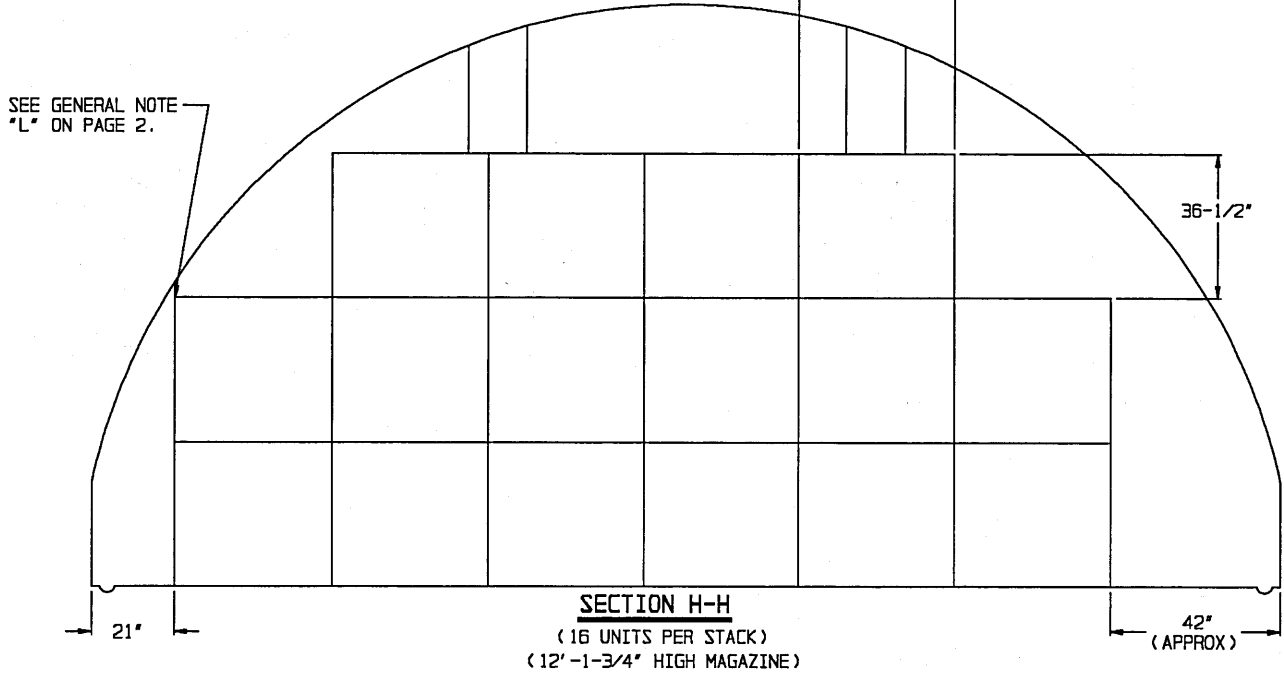
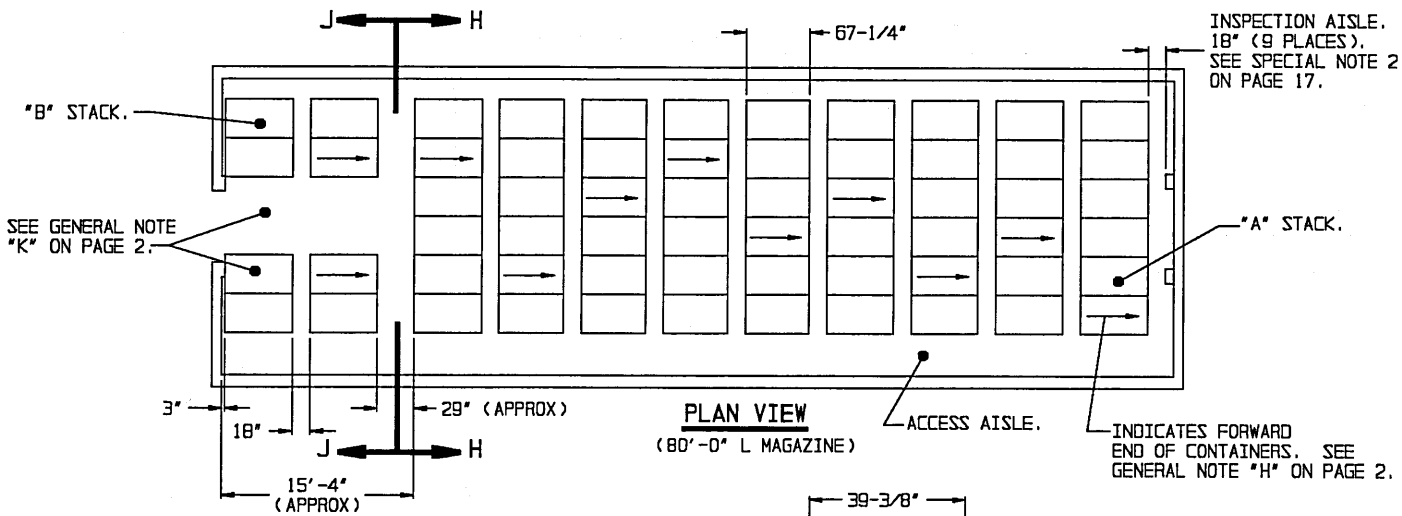
MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
81'-0"	26'-6"	12'-9"	19	9	9	2	189	1,701
60'-8"	26'-6"	12'-9"	19	7	9	1	142	1,278
40'-4"	26'-6"	12'-9"	19	4	9	1	85	765
81'-2"	26'-6"	12'-1-3/4"	17	9	9	2	171	1,539

* THE 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH MAGAZINE IS AN ARCH TYPE MAGAZINE.



SPECIAL NOTES:

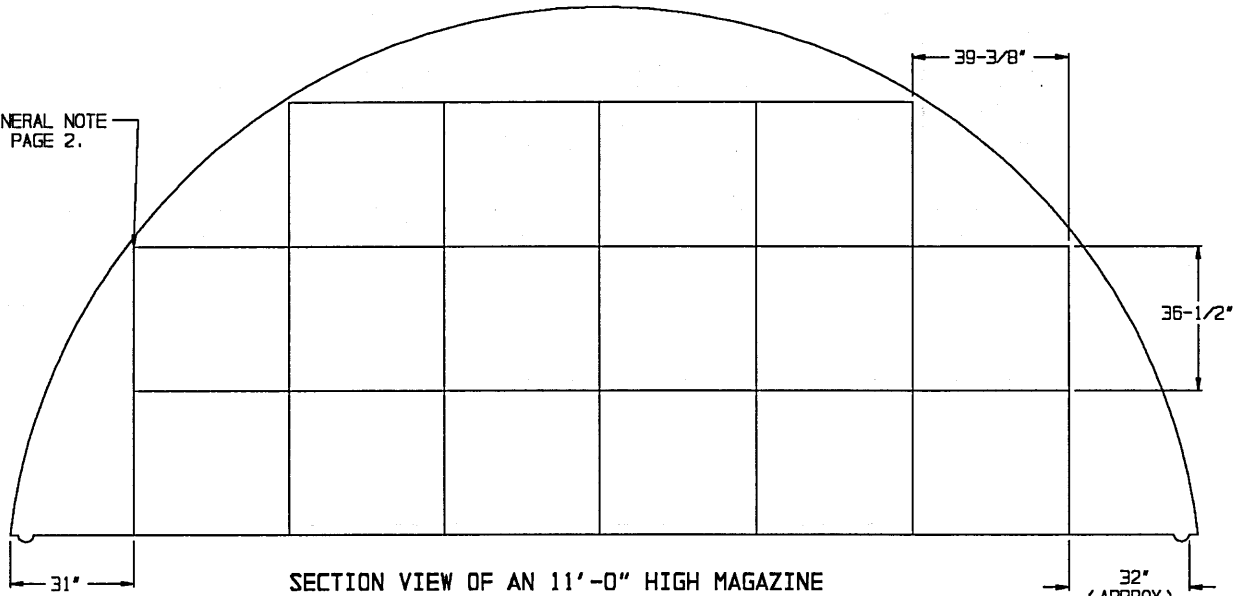
1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 16 ARE FOR AN 81'-0" L IGLOO AND THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 60'-8" L IGLOO. HOWEVER, FOR STORAGE IN 81'-0" L, 60'-8" L, OR 40'-4" L IGLOO MAGAZINES, THE 19 UNIT STACK, SHOWN IN THE "SECTION F-F AND THE 9 UNIT STACK SHOWN IN "SECTION G-G" ON PAGE 16, WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF UNITIZED WIREBOUND CONTAINERS" IN IGLOO MAGAZINES" ABOVE.
2. FOR STORAGE IN AN 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE, SEE THE "STORAGE OF UNITIZED WIREBOUND CONTAINERS IN IGLOO MAGAZINES"; SEE "SECTION VIEW OF AN 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE" ON THIS PAGE FOR "A" STACKS AND "SECTION G-G" ON PAGE 16 FOR "B" STACKS.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



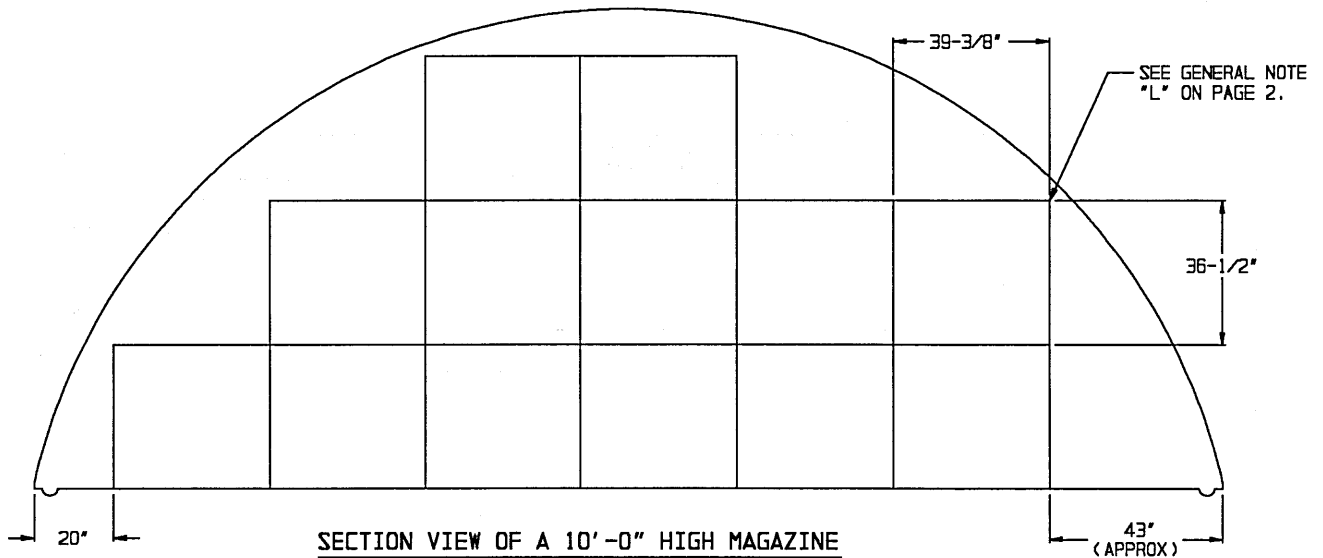
**STORAGE OF UNITIZED WIREBOUND CONTAINERS
IN ARCH TYPE MAGAZINES**

MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	12'-1-3/4"	16	9	8	2	160	1,440
40'-0"	25'-0"	12'-1-3/4"	16	4	8	1	72	648
80'-0"	25'-0"	11'-0"	16	9	8	2	160	1,440
40'-0"	25'-0"	11'-0"	16	4	8	1	72	648
80'-0"	25'-0"	10'-0"	13	9	8	2	133	1,197
40'-0"	25'-0"	10'-0"	13	4	8	1	60	540

SEE GENERAL NOTE "L" ON PAGE 2.



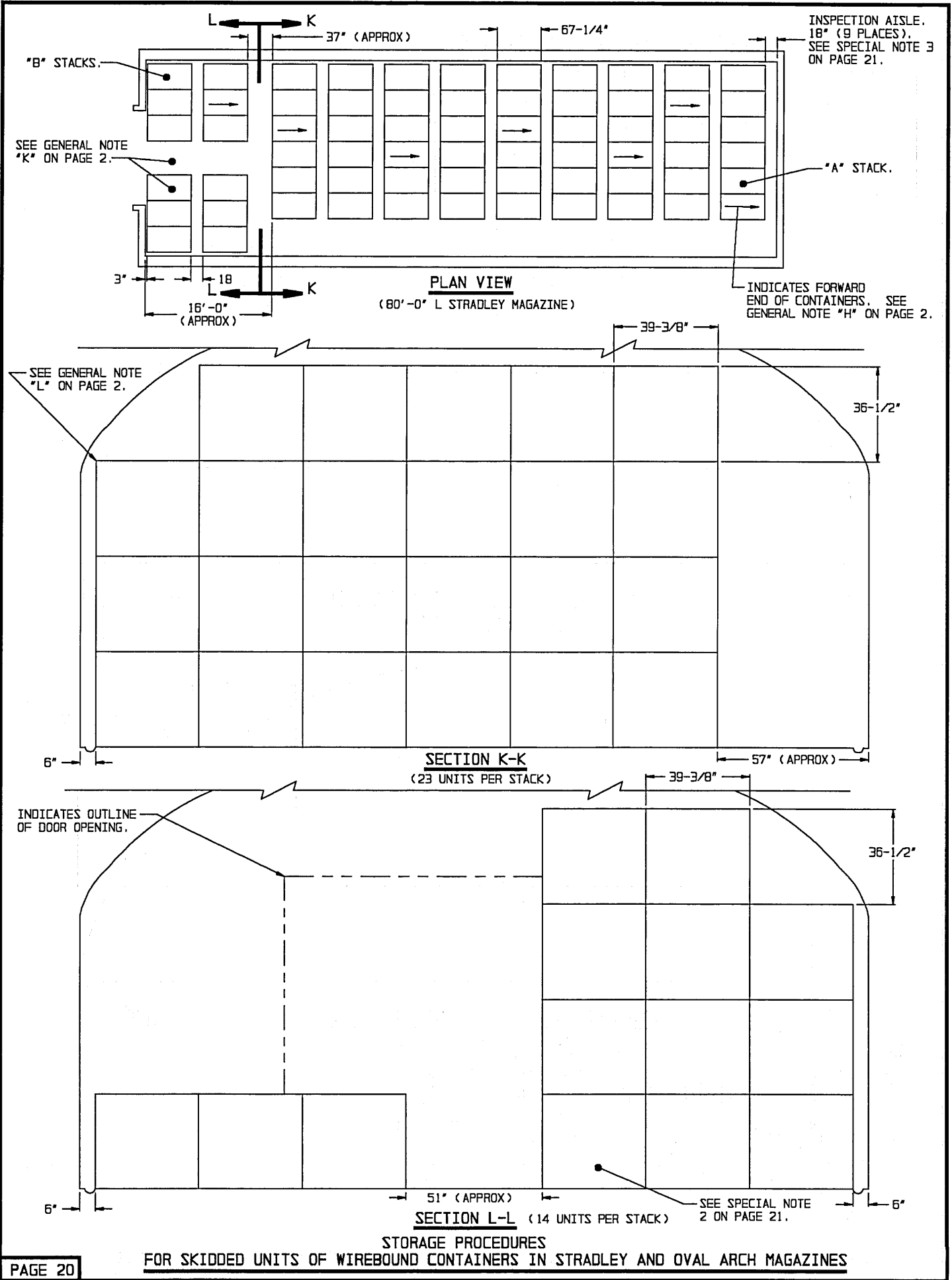
(16 UNITS PER STACK). SEE SPECIAL NOTE 1 ON THIS PAGE.



(13 UNITS PER STACK). SEE SPECIAL NOTE 1 ON THIS PAGE.

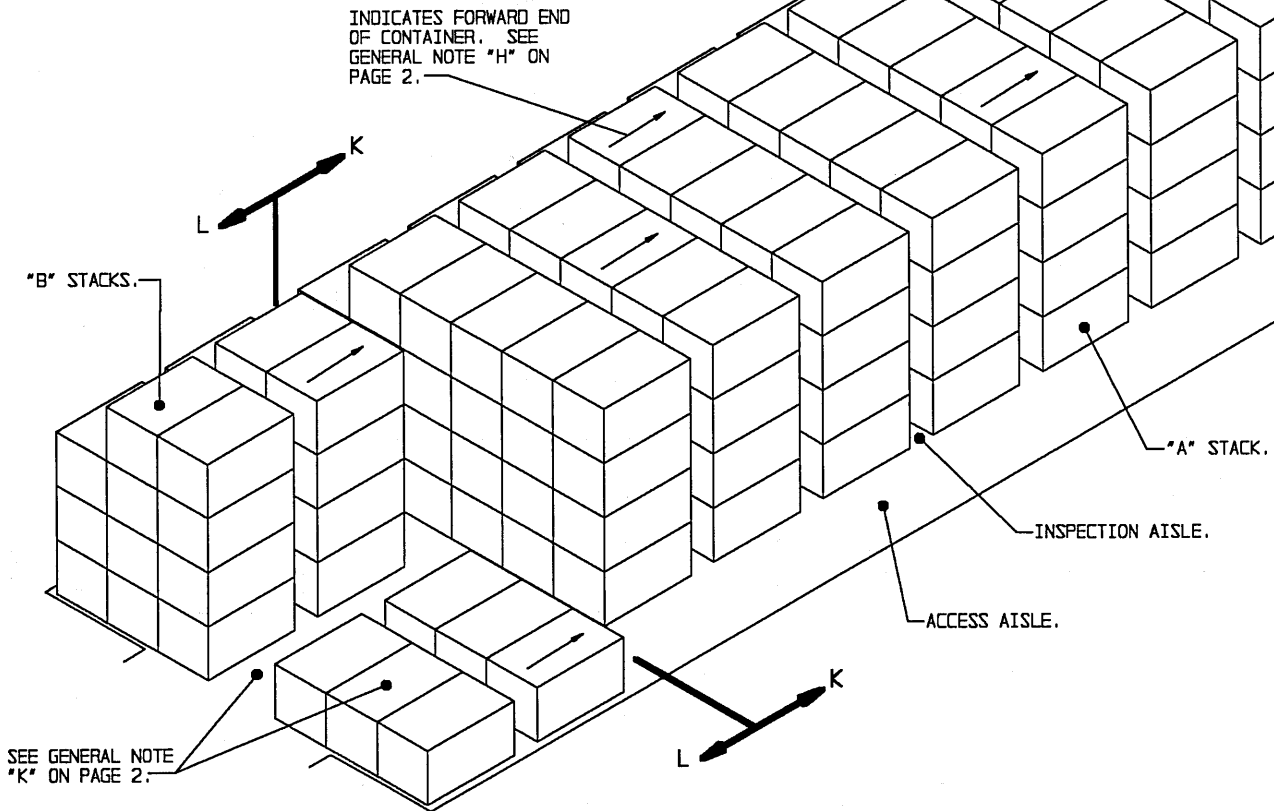
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 16 ARE FOR AN 80'-0" L MAGAZINE. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 12'-1-3/4" HIGH, THE 16 UNIT STACK SHOWN IN "SECTION H-H" WILL BE USED. FOR STORAGE IN 80'-0" L AND 40'-0" L MAGAZINES WHICH ARE 11'-0" HIGH, THE 16 UNIT STACK SHOWN IN THE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" WILL BE USED. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 10'-0" HIGH, THE 13 UNIT STACK SHOWN IN THE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE "STORAGE OF UNITIZED WIREBOUND CONTAINERS IN ARCH TYPE MAGAZINES" ABOVE.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE OF UNITIZED WIREBOUND CONTAINERS
IN STRADLEY AND OVAL ARCH MAGAZINES**

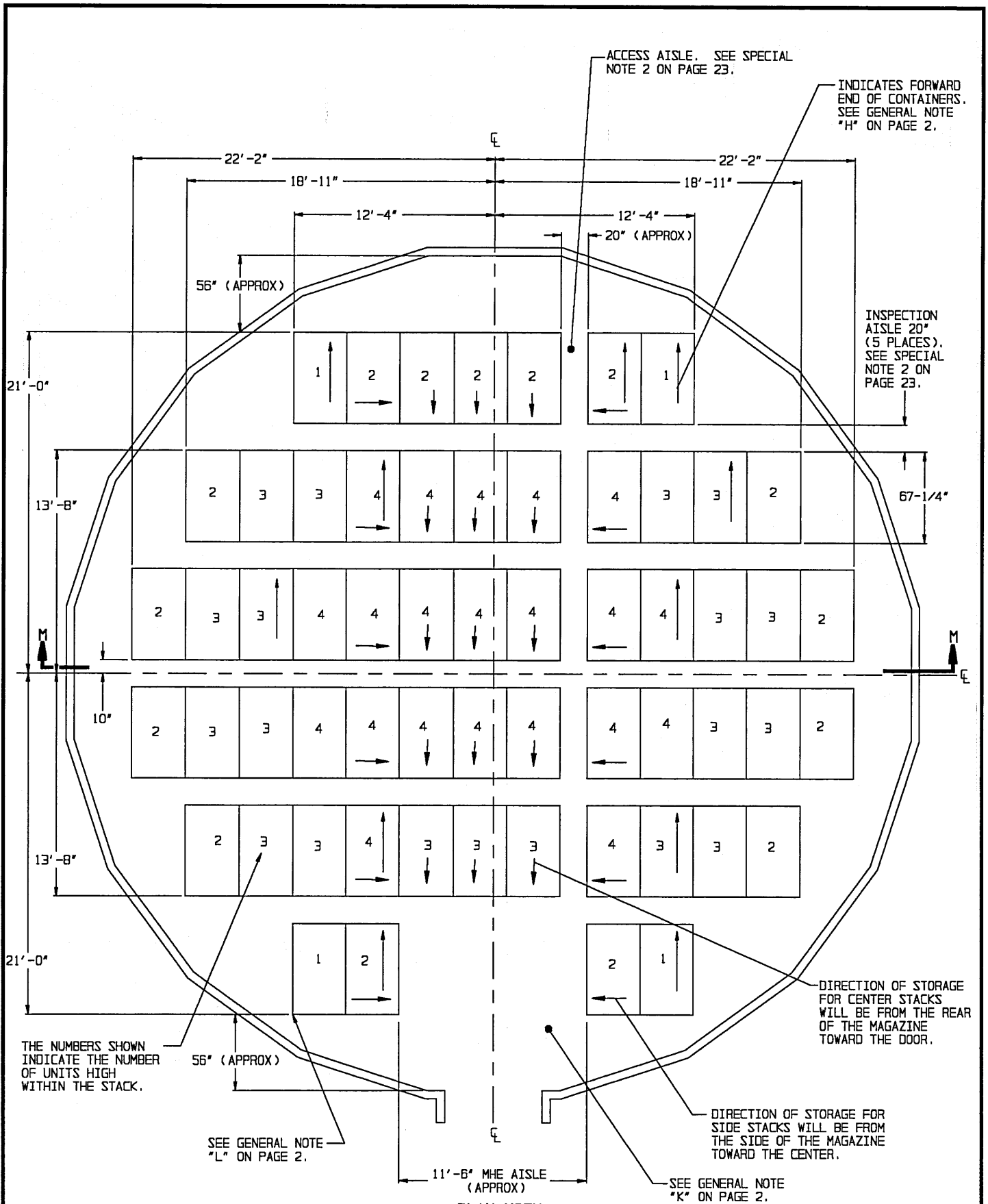
MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	14'-0"	23	9	14	2	235	2,115
89'-0"	24'-10"	14'-4"	23	11	10	1	263	2,367



**ISOMETRIC VIEW
(STRADLEY MAGAZINE)**

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW", "SECTION K-K", "SECTION L-L", AND "ISOMETRIC VIEW" ARE FOR THE STRADLEY MAGAZINE. HOWEVER, FOR STORAGE IN OVAL ARCH MAGAZINES THE 23 UNIT STACK SHOWN IN "SECTION K-K" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF UNITIZED WIREBOUND CONTAINERS IN STRADLEY AND OVAL ARCH MAGAZINES" ABOVE.
2. FOR STORAGE IN OVAL ARCH MAGAZINES, THE ONE (1) ROW OF UNITS ADJACENT TO THE OPERATING AISLE AS SHOWN IN "SECTION L-L" MUST BE OMITTED BECAUSE OF THE RELATIVELY NARROW DOOR OPENING. THIS WILL REDUCE THE "B" STACKS TO 10 UNITS EACH.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.

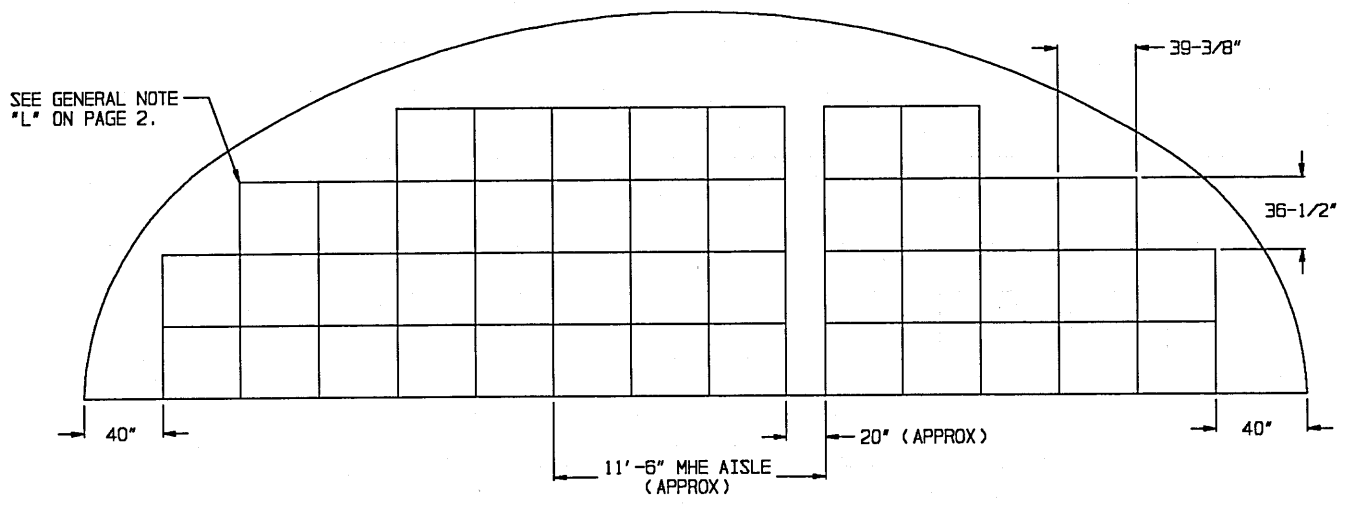


PLAN VIEW

(52'-0" DIA MAGAZINE)

**STORAGE OF UNITIZED WIREBOUND CONTAINERS
IN A 52'-0" DIA CORBETTA MAGAZINE**

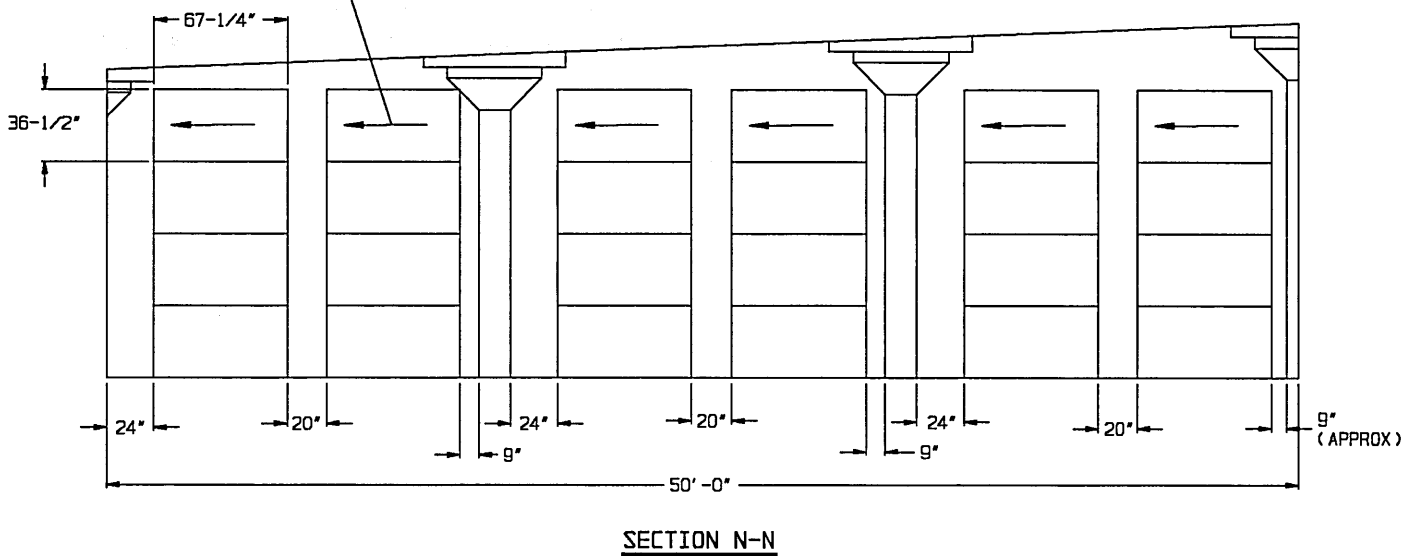
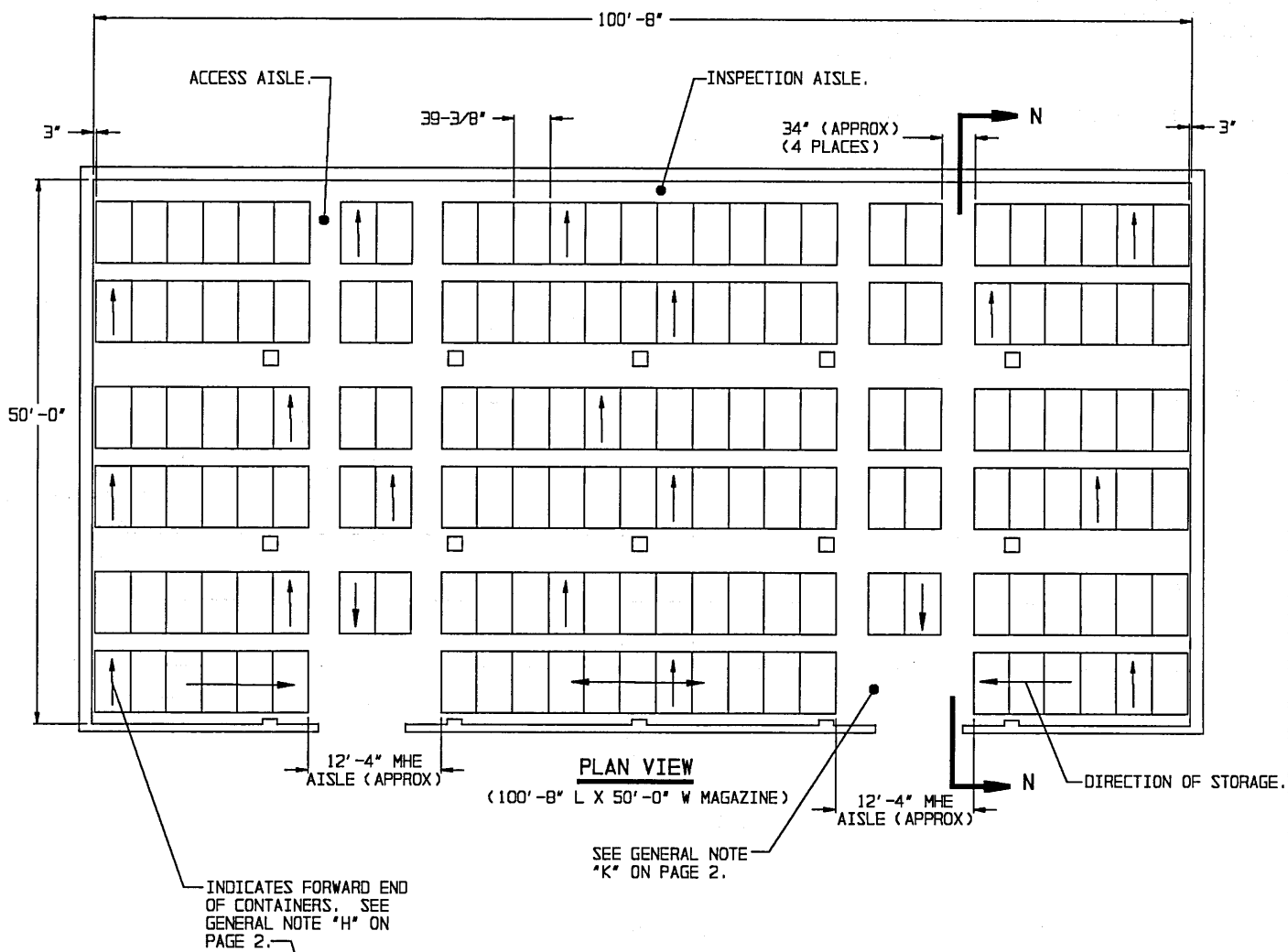
ITEM	QUANTITY
UNITS -----	175
WIREBOUND CONTAINERS -----	1,575



SECTION M-M
(44 UNITS PER STACK)

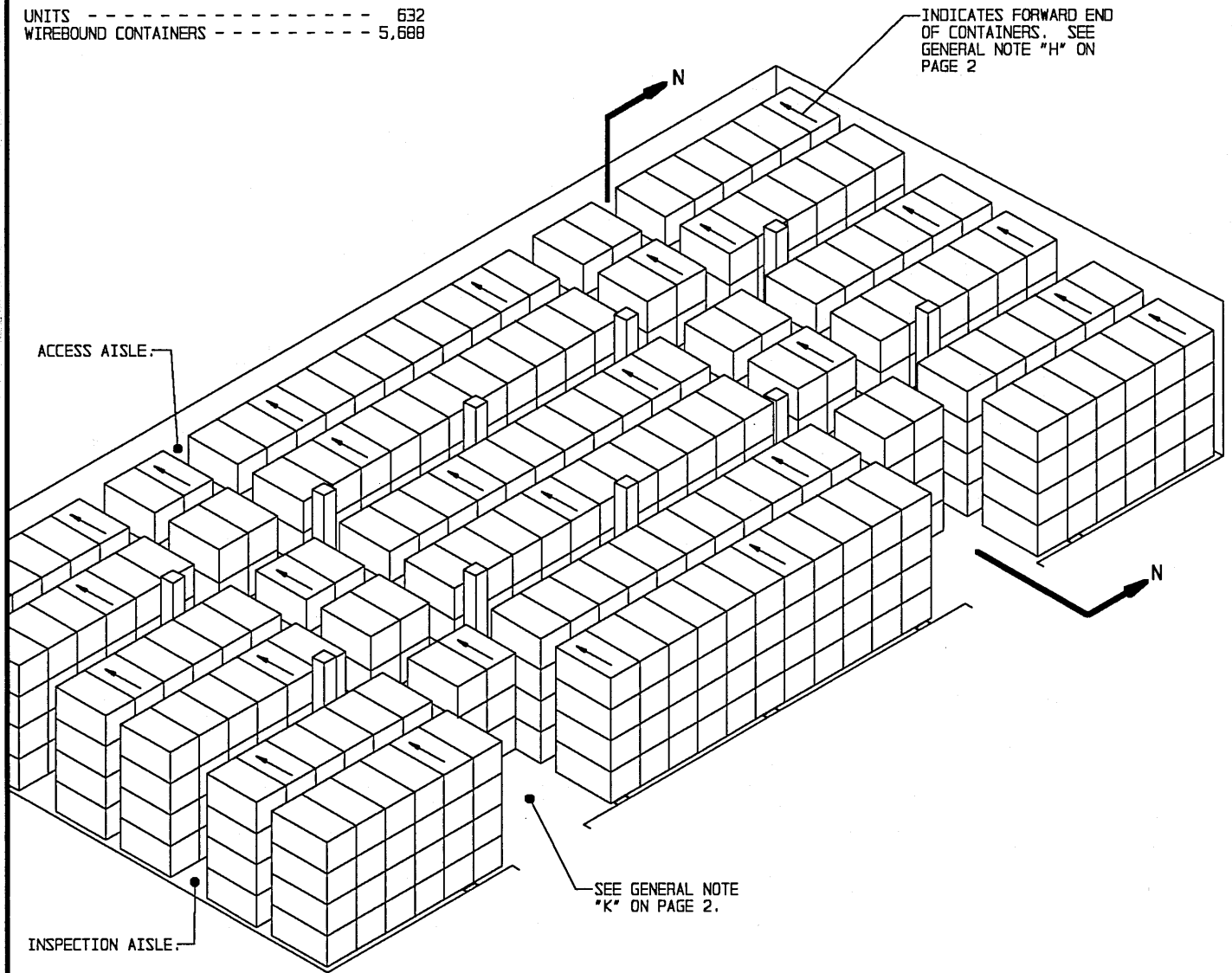
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 52'-0" DIAMETER CORBETTA MAGAZINE. THE NUMBER OF UNITS AND/OR CONTAINERS PER STACK STARTING FROM REAR OF MAGAZINE TOWARD THE DOOR ARE 12 UNITS (108 CONTAINERS), 36 UNITS (324 CONTAINERS), 44 UNITS (396 CONTAINERS), 44 UNITS (396 CONTAINERS), 33 UNITS (297 CONTAINERS), AND 6 UNITS (54 CONTAINERS).
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE OF UNITIZED WIREBOUND CONTAINERS IN
A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE**

ITEM	QUANTITY
UNITS - - - - -	632
WIREBOUND CONTAINERS - - - - -	5,688

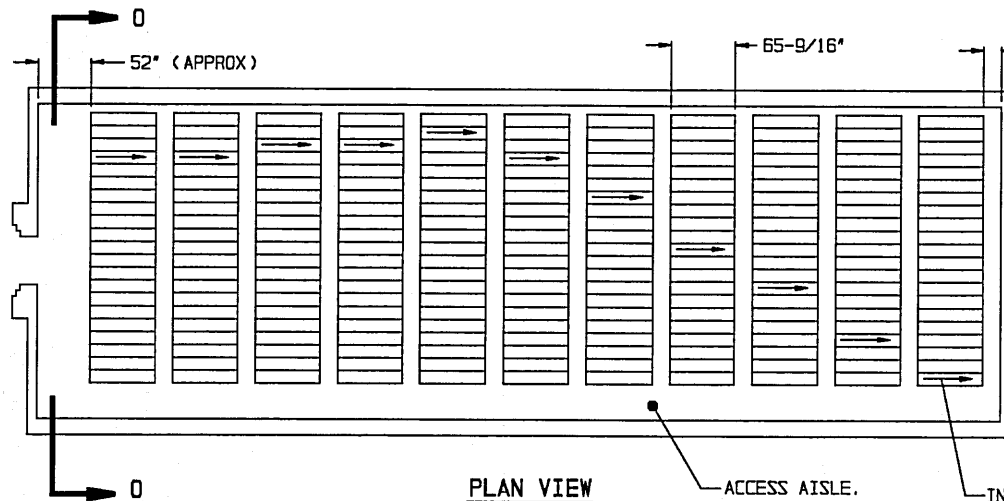


ISOMETRIC VIEW

(100'-8" L BY 50'-0" W MAGAZINE)

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE.
2. AN ACCESS AISLE MUST BE PROVIDED BETWEEN THE STACKS. UNITS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.

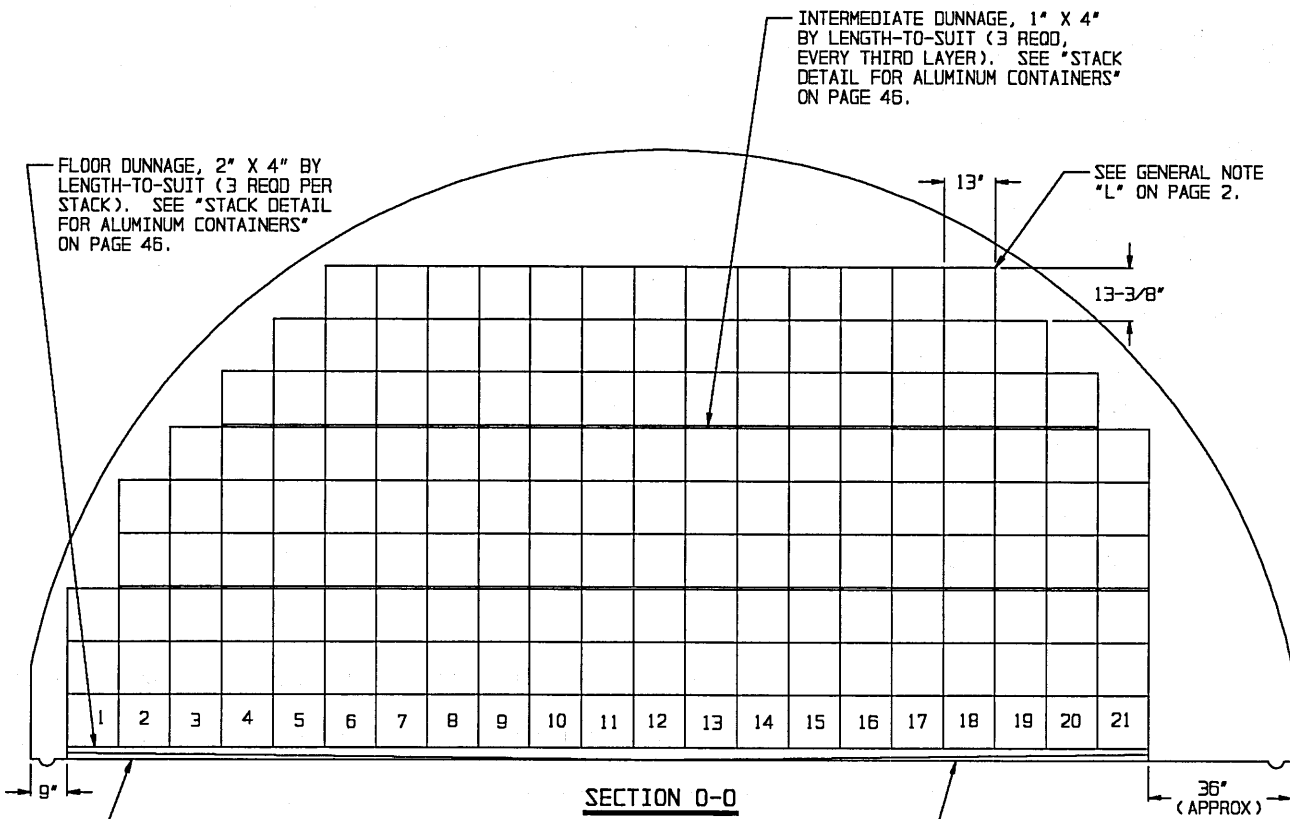


PLAN VIEW
(81'-0" L IGLOO)

INSPECTION AISLE 18"
(11 PLACES). SEE
SPECIAL NOTE 2 ON
PAGE 27.

INDICATES FORWARD
END OF CONTAINER. SEE
GENERAL NOTE "H" ON
PAGE 2.

ACCESS AISLE.



SECTION O-O
(167 CONTAINERS PER STACK)

FLOOR DUNNAGE, 2" X 4" BY
LENGTH-TO-SUIT (3 REQD PER
STACK). SEE "STACK DETAIL
FOR ALUMINUM CONTAINERS"
ON PAGE 46.

INTERMEDIATE DUNNAGE, 1" X 4"
BY LENGTH-TO-SUIT (3 REQD
EVERY THIRD LAYER). SEE "STACK
DETAIL FOR ALUMINUM CONTAINERS"
ON PAGE 46.

SEE GENERAL NOTE
"L" ON PAGE 2.

WEDGE, 9'-0" (3 REQD PER STACK).
SEE "WEDGE DETAIL" AND "STACK
DETAIL FOR ALUMINUM CONTAINERS"
ON PAGE 46.

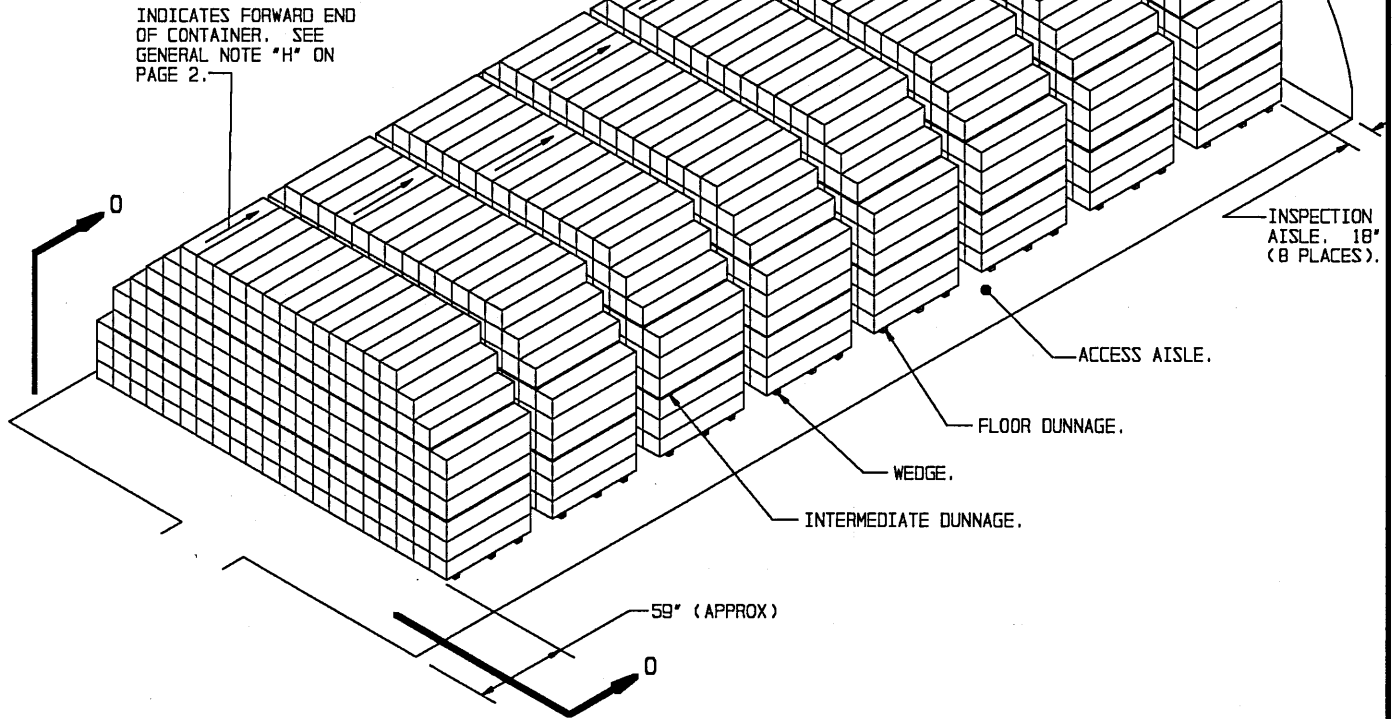
WEDGE, 6'-0" (3 REQD PER STACK).
SEE "WEDGE DETAIL" AND "STACK
DETAIL FOR ALUMINUM CONTAINERS"
ON PAGE 46.

STORAGE OF ALUMINUM CONTAINERS IN IGLOO MAGAZINES *

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
81'-0"	26'-6"	12'-9"	167	11	1,837
60'-8"	26'-6"	12'-9"	167	8	1,336
40'-4"	26'-6"	12'-9"	167	5	835
81'-2"	26'-6"	12'-1-3/4"	165	11	1,815

* THE 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH MAGAZINE IS AN ARCH TYPE MAGAZINE.

OMIT THESE TWO CONTAINERS FROM THE TOP LAYER OF EACH STACK WHEN STORING IN THE 81'-2" LONG BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE.



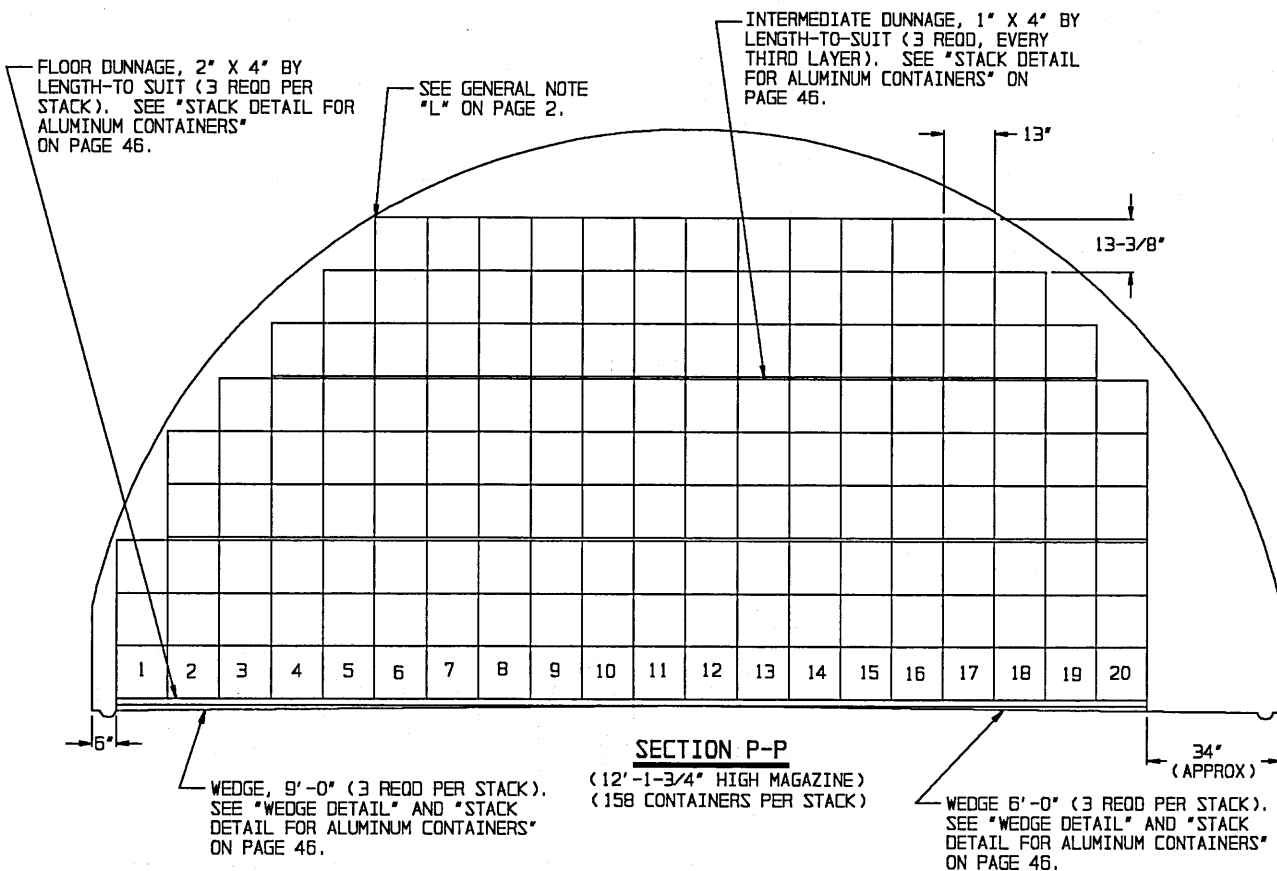
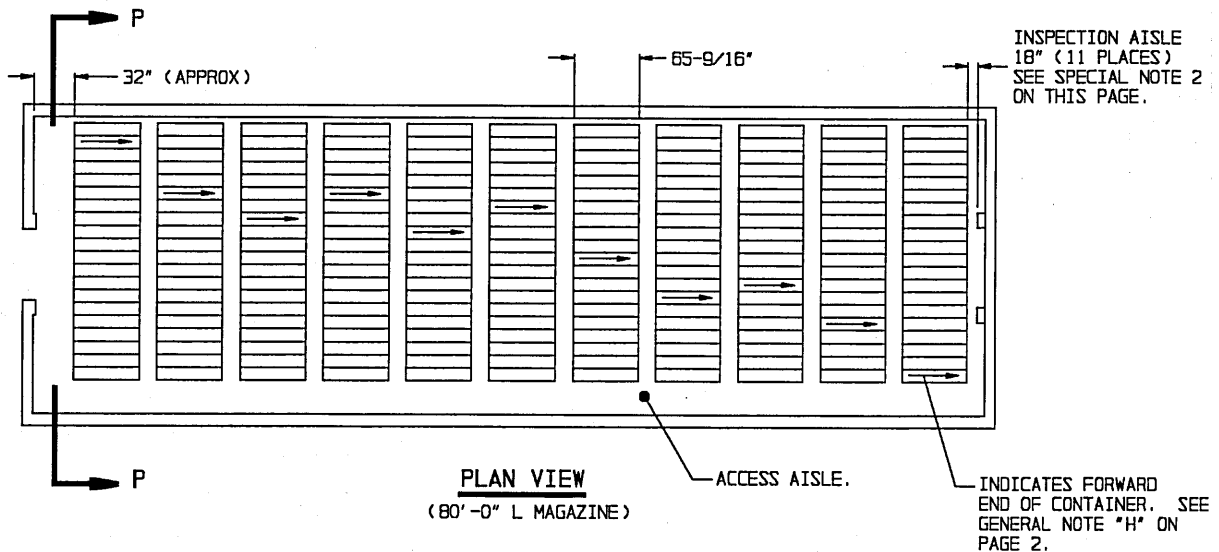
ISOMETRIC VIEW
(60'-8" IGLOO)

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 26 ARE FOR AN 81'-0" L IGLOO AND THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 60'-8" L IGLOO. HOWEVER, FOR STORAGE IN 81'-0" L, 60'-8", AND 40'-4" L IGLOO MAGAZINES, THE 167 CONTAINER STACK, SHOWN IN "SECTION 0-0" ON PAGE 26, WILL BE USED. FOR STORAGE IN THE 81'-2" L ARCH TYPE MAGAZINE, USE THE STACK SHOWN IN "SECTION 0-0" ON PAGE 26 BUT OMIT THE TWO END CONTAINERS IN THE TOP LAYER (165 CONTAINERS PER STACK). THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF ALUMINUM CONTAINERS IN IGLOO MAGAZINES" ABOVE.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
3. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL (PER STACK)

LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	136.50	45.50
2" X 4"	68.25	45.50
WEDGE, 6'-0" LONG	-----	3 REOD
WEDGE, 9'-0" LONG	-----	3 REOD



SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ABOVE ARE FOR AN 80'-0" L MAGAZINE. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 12'-1-3/4" HIGH, THE 158 CONTAINER STACK SHOWN IN "SECTION P-P WILL BE USED. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 11'-0" HIGH, THE 144 CONTAINER STACK SHOWN IN THE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" WILL BE USED AND FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 10'-0" HIGH, THE 126 CONTAINER STACK, SHOWN IN THE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE "STORAGE OF ALUMINUM CONTAINERS IN ARCH TYPE MAGAZINES" ON PAGE 29.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
3. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

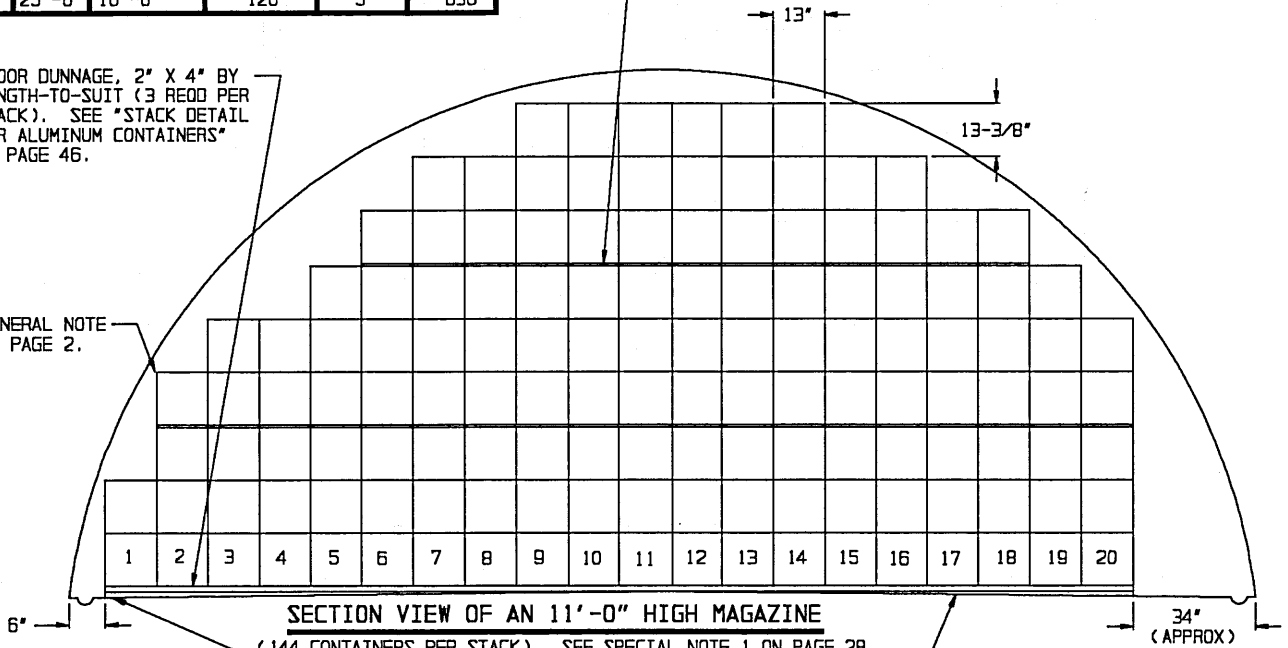
**STORAGE OF ALUMINUM CONTAINERS
IN ARCH TYPE MAGAZINES**

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	12'-1-3/4"	158	11	1,738
40'-0"	25'-0"	12'-1-3/4"	158	5	790
80'-0"	25'-0"	11'-0"	144	11	1,584
40'-0"	25'-0"	11'-0"	144	5	720
80'-0"	25'-0"	10'-0"	126	11	1,386
40'-0"	25'-0"	10'-0"	126	5	630

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REOD PER STACK). SEE "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.



SECTION VIEW OF AN 11'-0" HIGH MAGAZINE
(144 CONTAINERS PER STACK). SEE SPECIAL NOTE 1 ON PAGE 28.

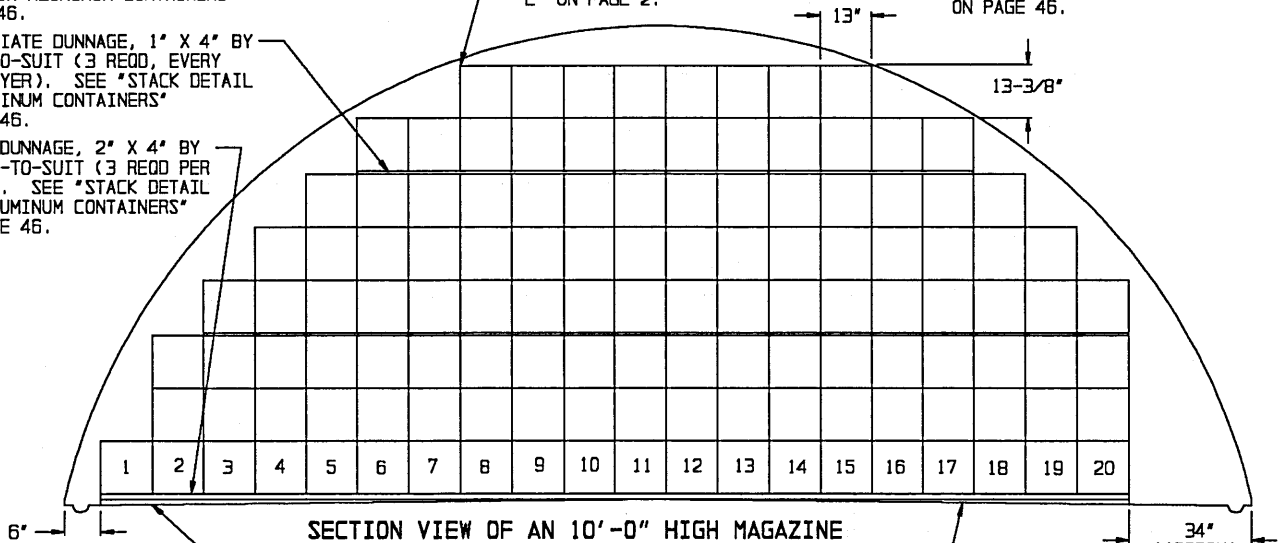
WEDGE, 9'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

SEE GENERAL NOTE "L" ON PAGE 2.

WEDGE, 6'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

INTERMEDIATE DUNNAGE, 1" X 4" BY LENGTH-TO-SUIT (3 REOD, EVERY THIRD LAYER). SEE "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REOD PER STACK). SEE "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

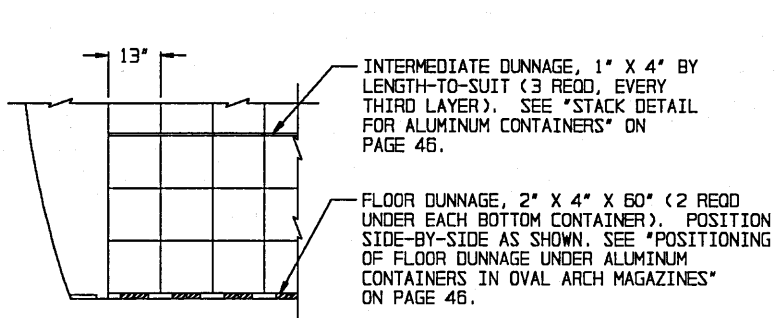
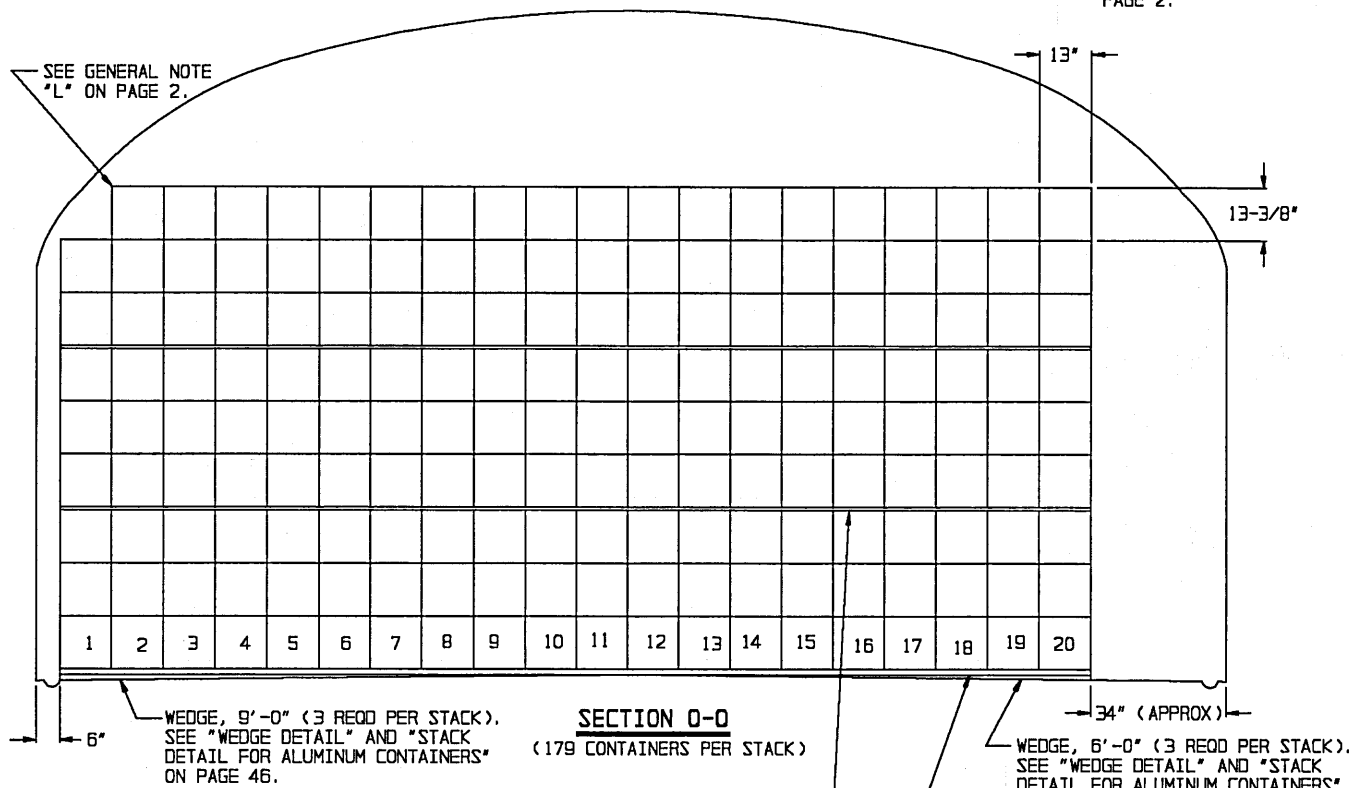
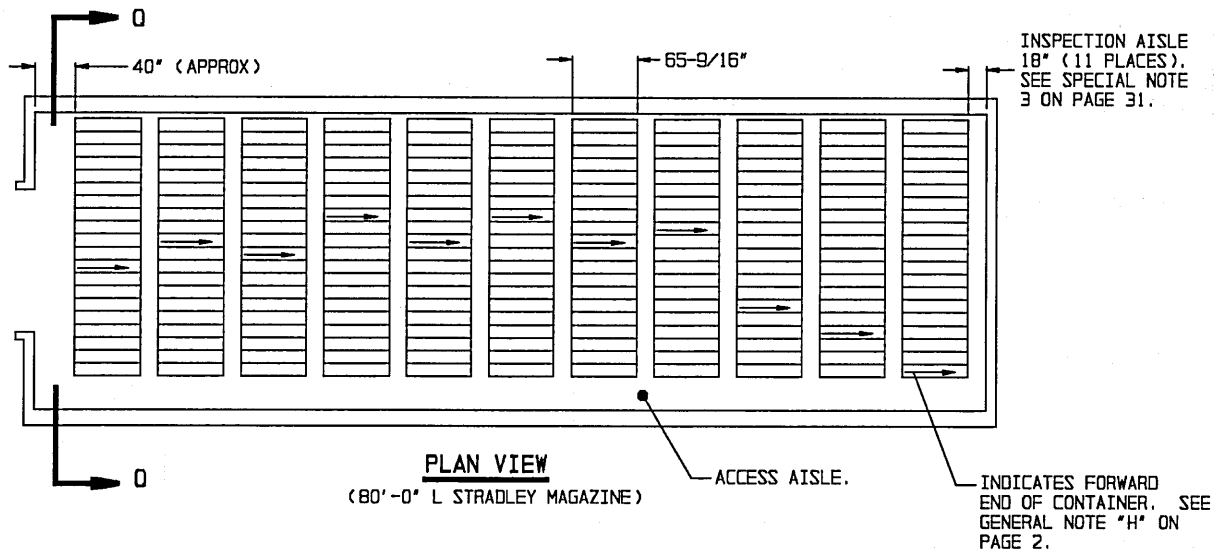


SECTION VIEW OF AN 10'-0" HIGH MAGAZINE
(126 CONTAINERS PER STACK). SEE SPECIAL NOTE 1 ON PAGE 28.

WEDGE, 9'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

WEDGE, 6'-0" (3 REOD PER STACK). SEE "WEDGE DETAIL" AND "STACK DETAIL FOR ALUMINUM CONTAINERS" ON PAGE 46.

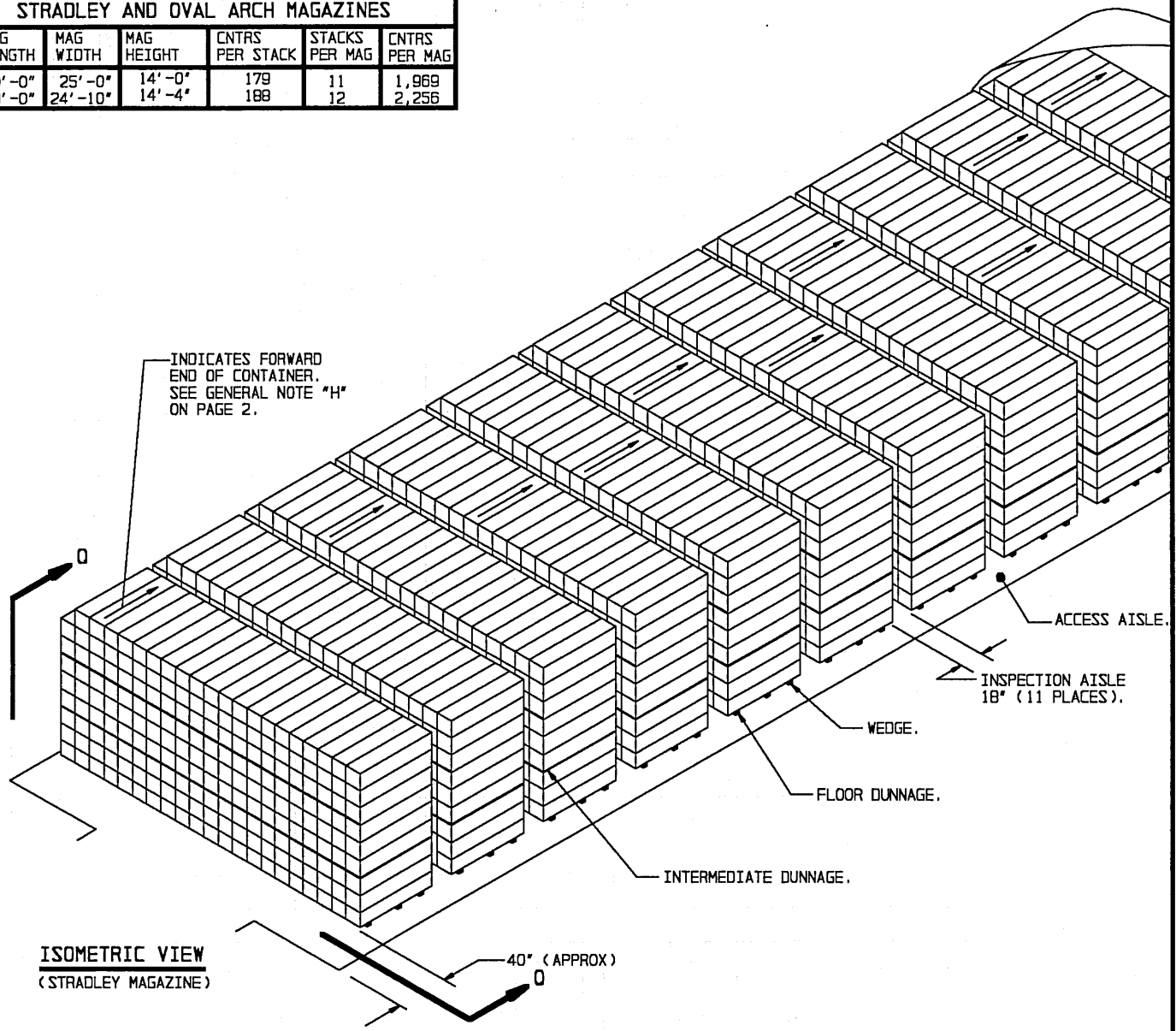
BILL OF MATERIAL (PER STACK)			
MAG HEIGHT	LUMBER	LINEAR FEET	BOARD FEET
12-1-3/4"	1" X 4"	113.75	37.91
	2" X 4"	65.00	43.33
11'-0"	1" X 4"	107.25	35.75
	2" X 4"	65.00	43.33
10'-0"	1" X 4"	100.75	33.58
	2" X 4"	65.00	43.33
WEDGE, 6'-0" LONG			3 REOD
WEDGE, 9'-0" LONG			3 REOD



PARTIAL SECTION VIEW OF AN OVAL ARCH MAGAZINE

STORAGE OF ALUMINUM CONTAINERS IN STRADLEY AND OVAL ARCH MAGAZINES

MAG LENGTH	MAG WIDTH	MAG HEIGHT	CNTRS PER STACK	STACKS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	14'-0"	179	11	1,969
89'-0"	24'-10"	14'-4"	189	12	2,256



ISOMETRIC VIEW
(STRADLEY MAGAZINE)

SPECIAL NOTES:

THIS BILL OF MATERIAL IS FOR STRADLEY MAGAZINES ONLY.

BILL OF MATERIAL (PER STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	130.00	43.33
2" X 4"	65.00	43.33
WEDGE, 6'-0" LONG	-----	3 REOD
WEDGE, 9'-0" LONG	-----	3 REOD

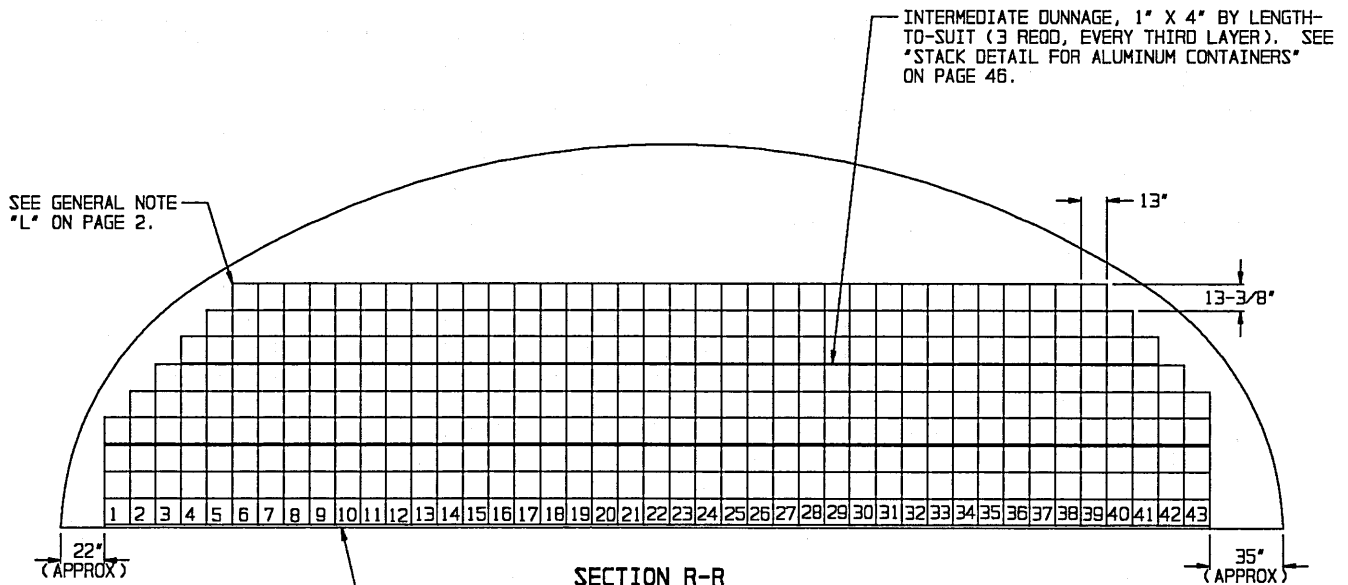
1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW", "SECTION Q-Q", AND "ISOMETRIC VIEW" ARE FOR THE STRADLEY MAGAZINE.
2. FOR STORAGE IN OVAL ARCH MAGAZINES, POSITION 21 CONTAINERS ACROSS THE MAGAZINE, OMIT ALL WEDGES AND POSITION TWO (2) 2" X 4" X 65" PIECES OF FLOOR DUNNAGE, SIDE-BY-SIDE, UNDER EACH BOTTOM CONTAINER, AS SHOWN IN THE "PARTIAL SECTION VIEW OF AN OVAL ARCH MAGAZINE" ON PAGE 30. INTERMEDIATE DUNNAGE, AS SHOWN IN "SECTION Q-Q ON PAGE 30 WILL BE USED IN THE THIRD AND SIXTH LAYERS.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

THIS BILL OF MATERIAL IS FOR OVAL ARCH MAGAZINES ONLY.

BILL OF MATERIAL (PER STACK)		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	136.50	45.50
2" X 4"	210.00	140.00

**STORAGE OF ALUMINUM CONTAINERS IN
A 52'-0" DIA CORBETTA MAGAZINE**

ITEM	QUANTITY
ALUMINUM CONTAINERS - - - - -	1,684



SEE GENERAL NOTE "L" ON PAGE 2.

FLOOR DUNNAGE, 2" X 4" BY LENGTH-TO-SUIT (3 REQD PER STACK). SEE "STACK DETAILS FOR ALUMINUM CONTAINERS" ON PAGE 46.

SECTION R-R
(362 CONTAINERS PER STACK)

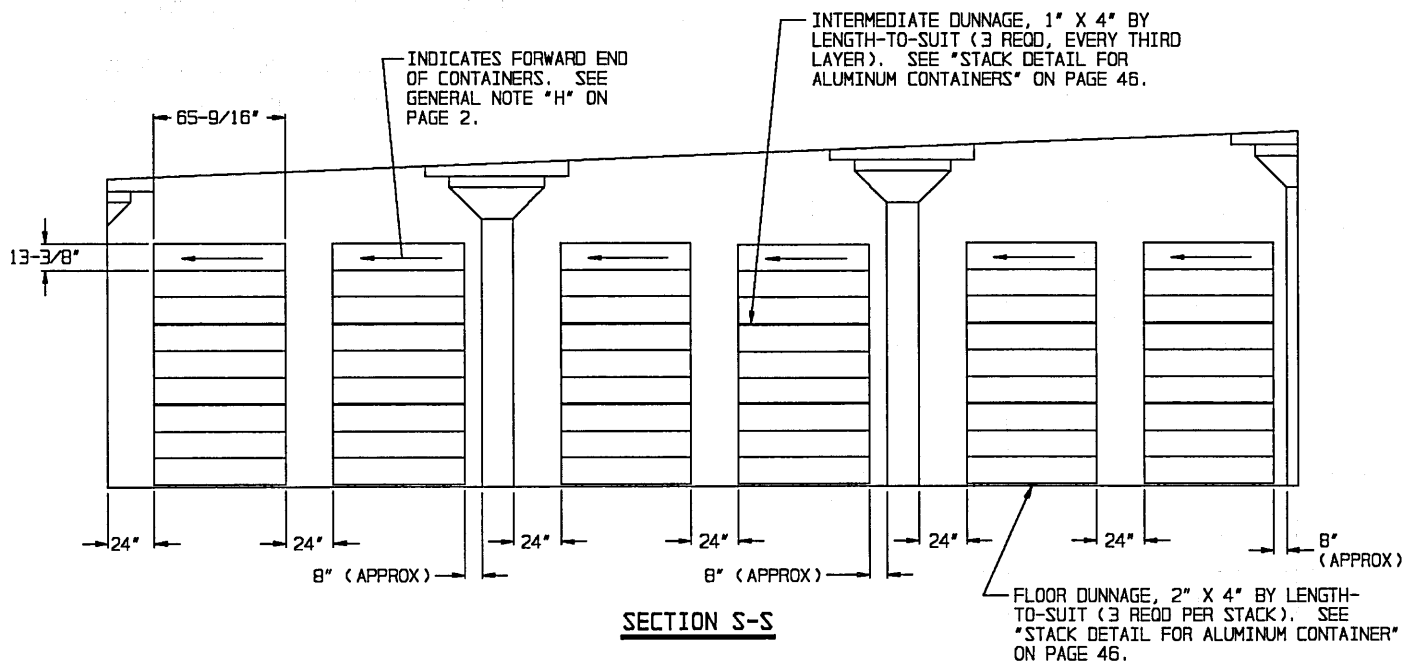
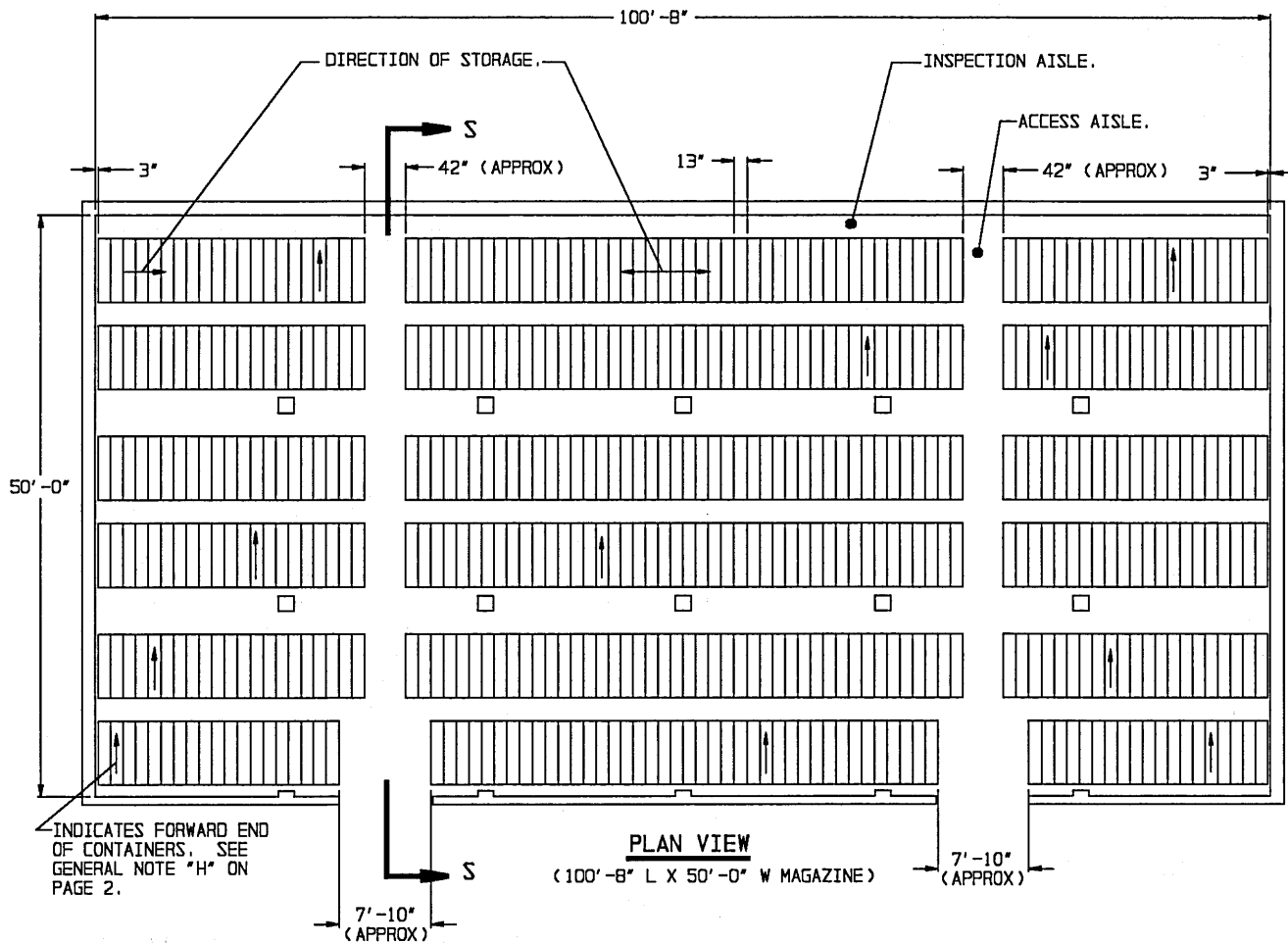
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 52'-0" DIAMETER CORBETTA MAGAZINE. THE NUMBER OF CONTAINERS PER STACK STARTING FROM REAR OF MAGAZINE TOWARD THE DOOR ARE 172, 308, 362, 362, 308, AND 172.
2. AN ACCESS AISLE MUST BE PROVIDED AT EACH END OF THE STACKS. CONTAINERS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL PER STACK OF 172 CONTAINERS		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	131.28	43.76
2" X 4"	73.58	49.05

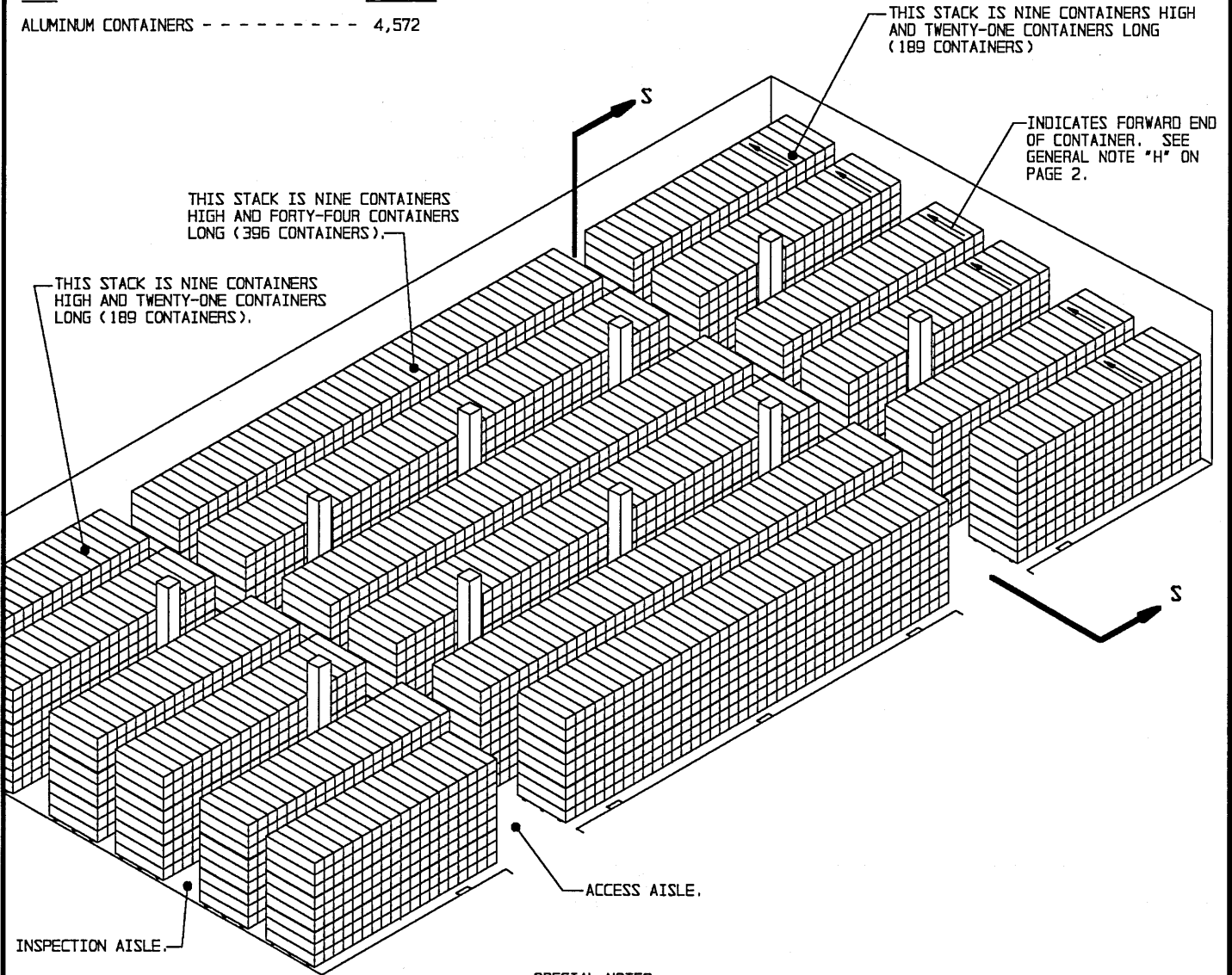
BILL OF MATERIAL PER STACK OF 308 CONTAINERS		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	222.08	74.02
2" X 4"	118.08	78.72

BILL OF MATERIAL PER STACK OF 362 CONTAINERS		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	261.08	87.02
2" X 4"	137.58	91.72



**STORAGE OF ALUMINUM CONTAINERS IN A
100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE**

ITEM	QUANTITY
ALUMINUM CONTAINERS - - - - -	4,572



ISOMETRIC VIEW
(100'-8" L BY 50'-0" W MAGAZINE)

SPECIAL NOTES:

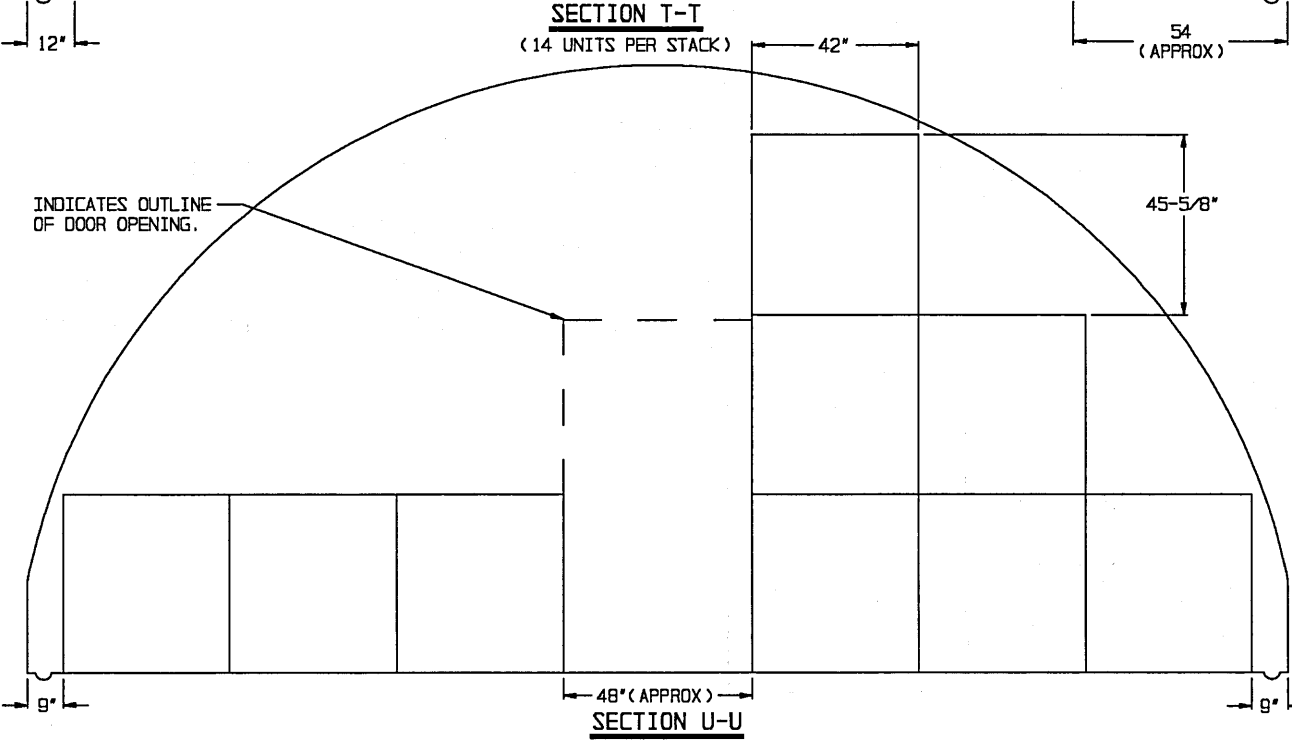
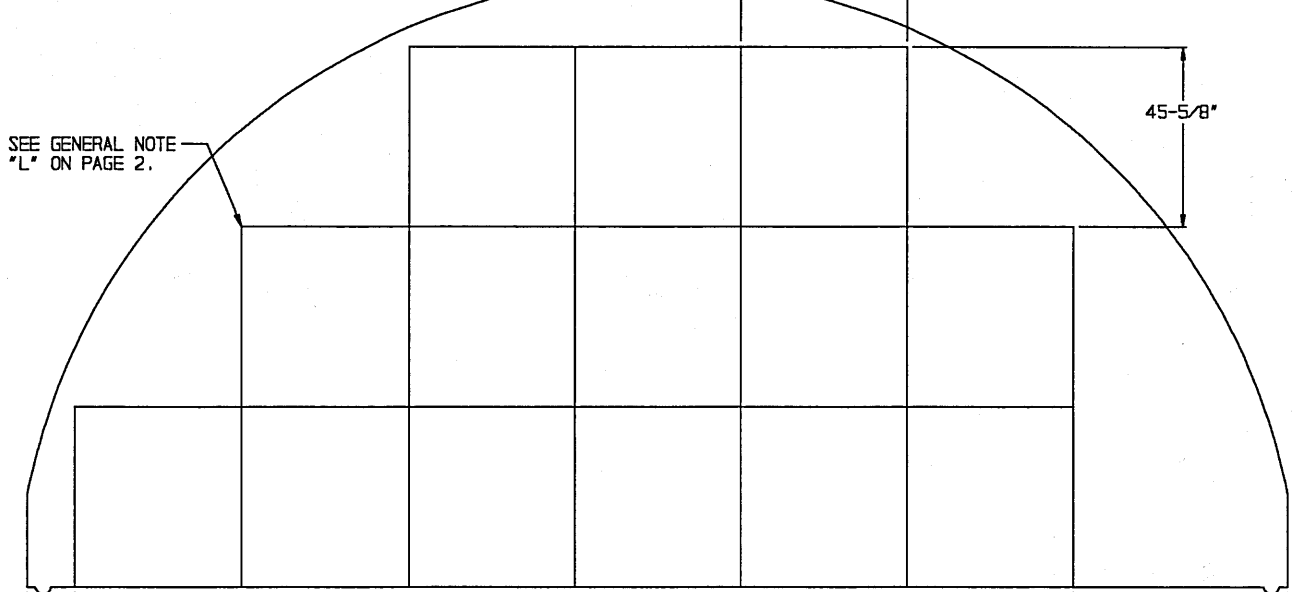
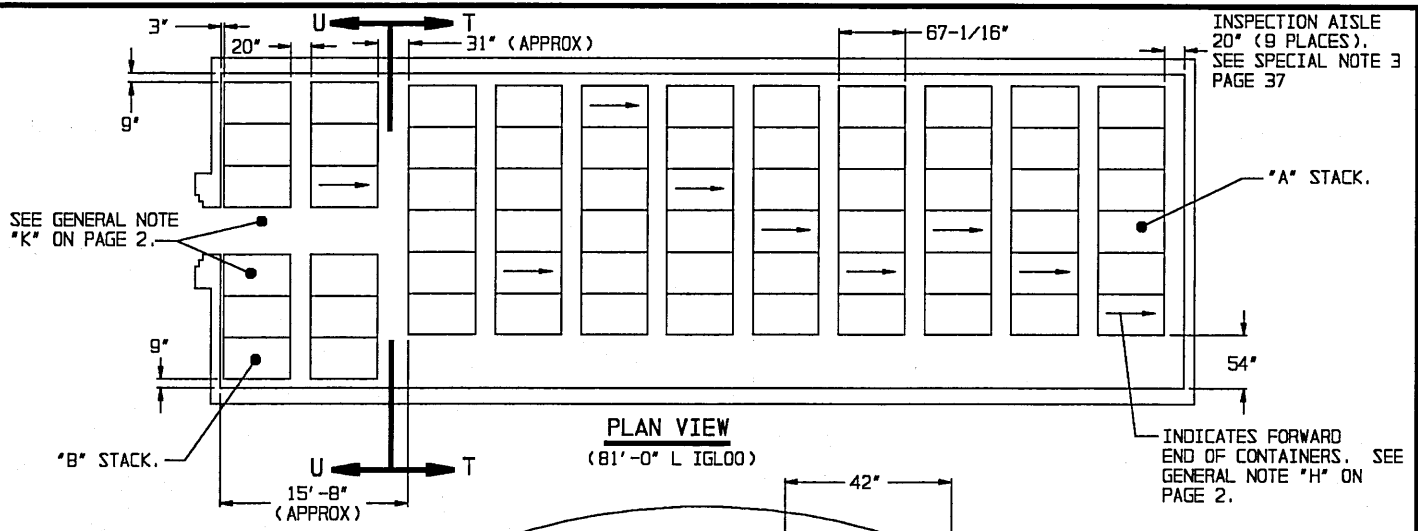
1. THE STORAGE PROCEDURES SHOWN ARE FOR A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE.
2. AN ACCESS AISLE MUST BE PROVIDED BETWEEN THE STACKS. CONTAINERS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.
4. CONTAINERS MUST NOT BE STACKED MORE THAN 9 HIGH. SEE GENERAL NOTE "M" ON PAGE 2.

BILL OF MATERIAL PER STACK OF 189 CONTAINERS

LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	136.50	45.50
2" X 4"	68.25	45.50

BILL OF MATERIAL PER STACK OF 396 CONTAINERS

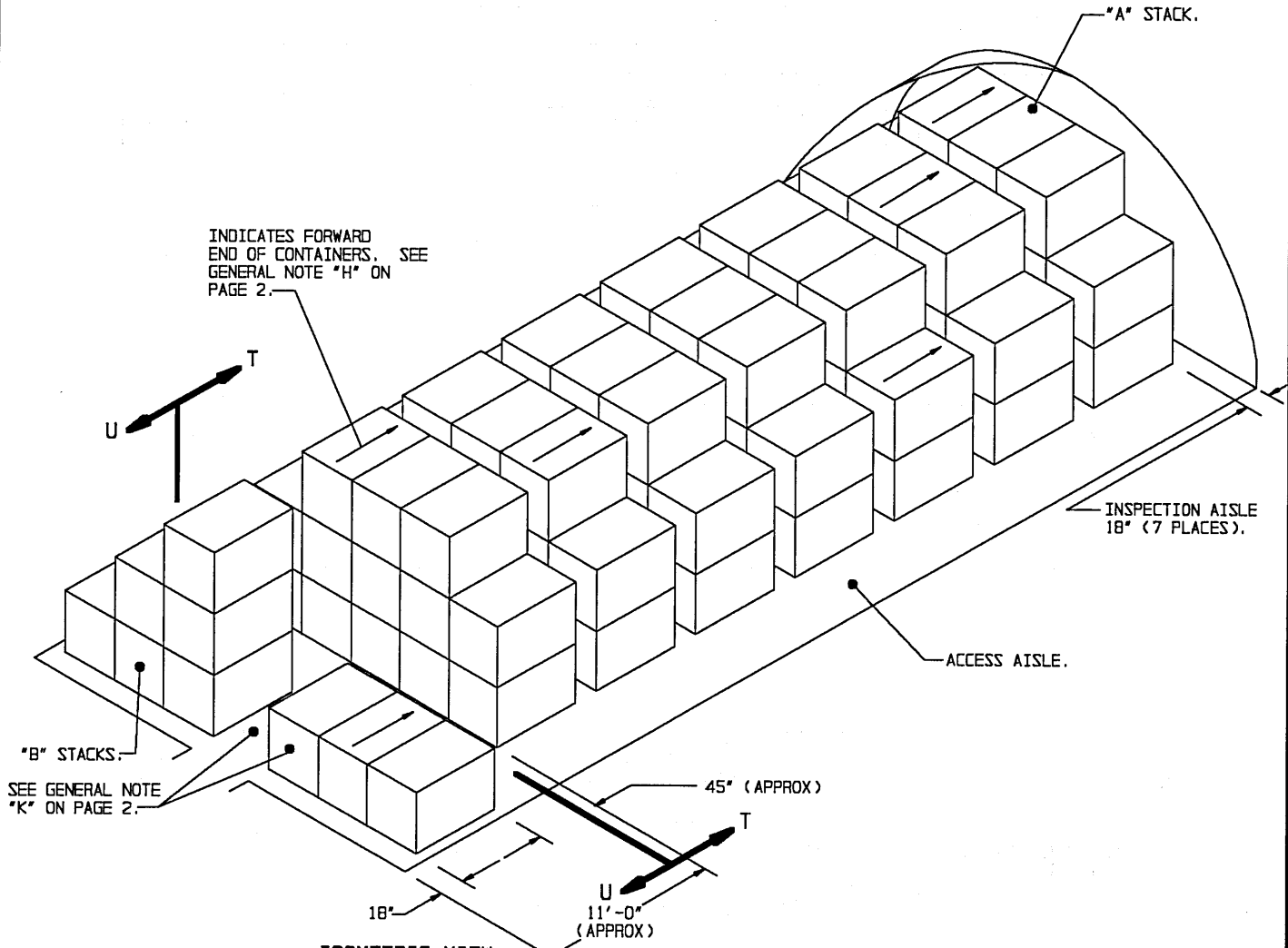
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	266.00	95.33
2" X 4"	143.00	95.33



**STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN IGLOO
MAGAZINES ***

MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
81'-0"	26'-6"	12'-9"	14	9	9	2	144	1,296
60'-8"	26'-6"	12'-9"	14	7	9	1	107	963
40'-4"	26'-6"	12'-9"	14	4	9	1	65	585
81'-2"	26'-6"	12'-1-3/4"	13	9	8	2	133	1,197

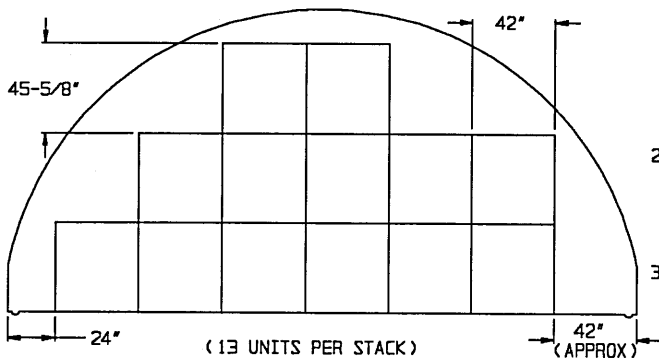
* THE 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH MAGAZINE IS AN ARCH TYPE MAGAZINE.



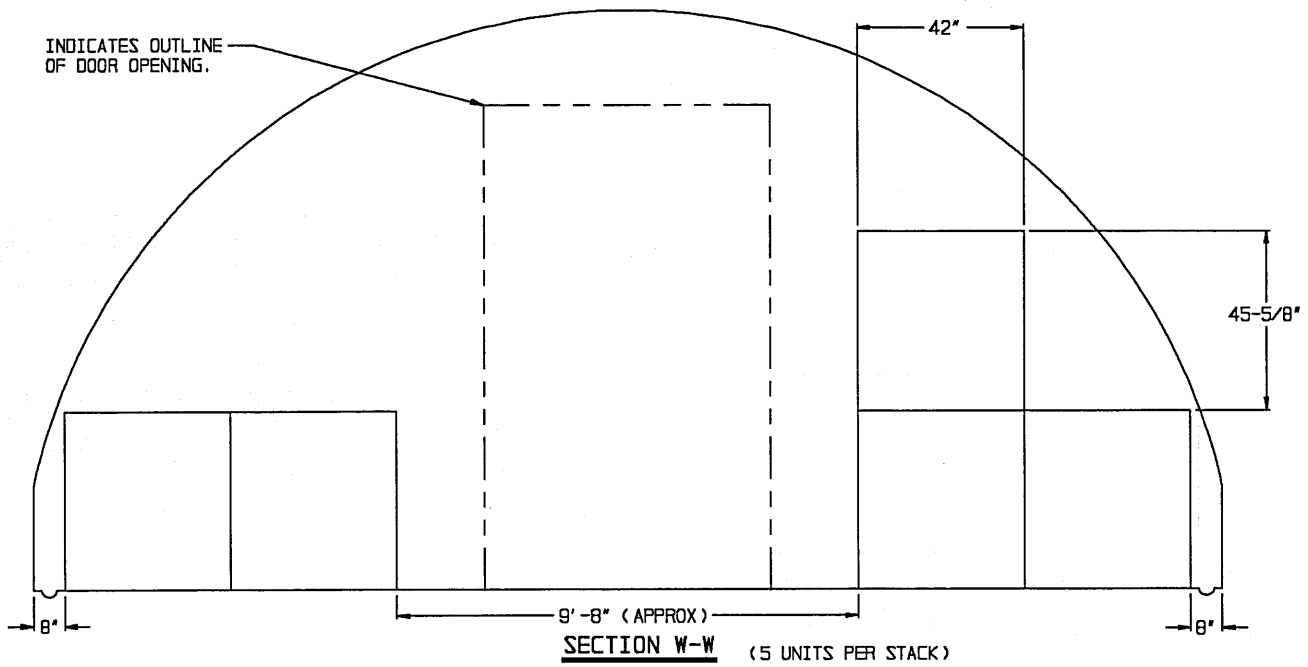
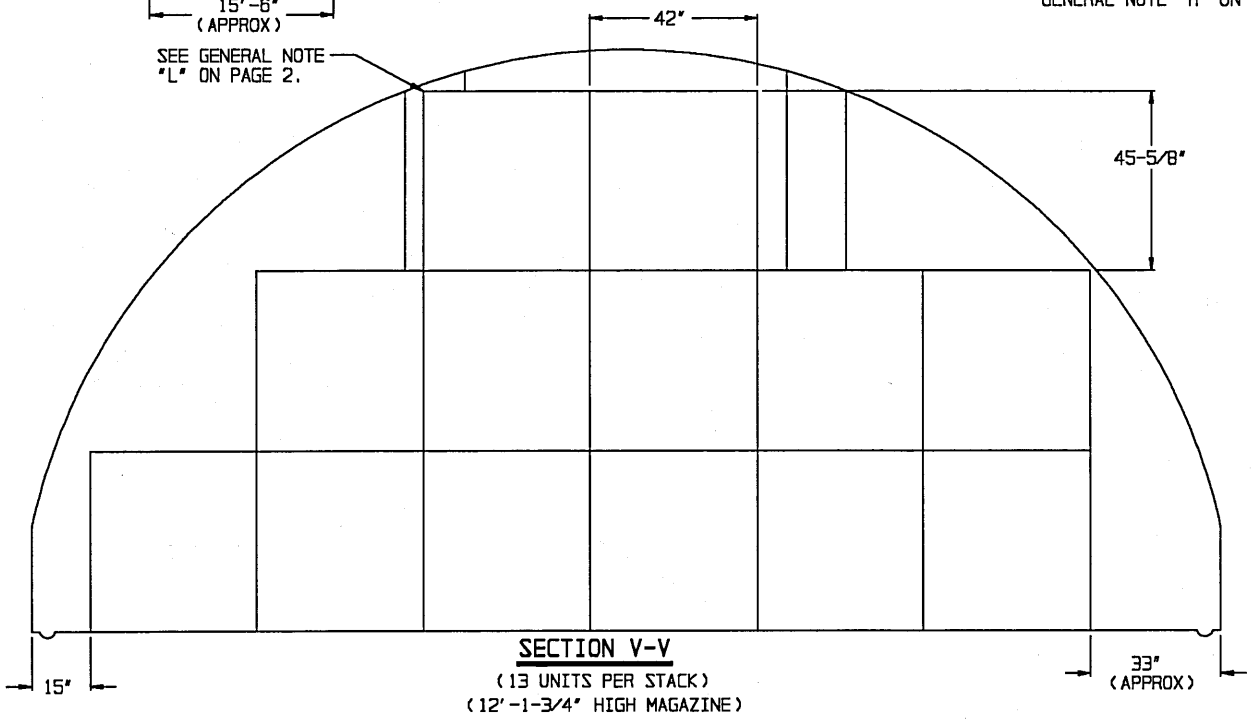
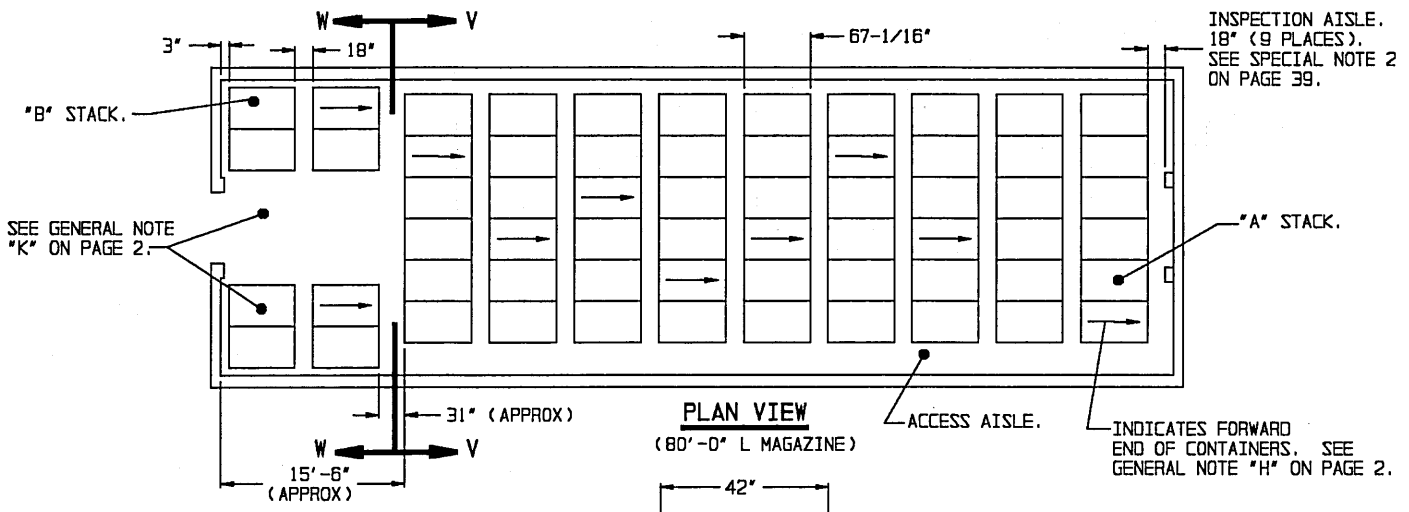
**ISOMETRIC VIEW
(60'-8" IGLOO)**

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 36 ARE FOR AN 81'-0" L IGLOO AND THE STORAGE PROCEDURES SHOWN IN THE "ISOMETRIC VIEW" ON THIS PAGE ARE FOR A 60'-8" L IGLOO. HOWEVER, FOR STORAGE IN 81'-0" L, 60'-8" L, OR 40'-4" L IGLOO MAGAZINES THE 15 UNIT STACK, SHOWN IN THE "SECTION T-T" AND THE 9 UNIT STACK SHOWN IN "SECTION U-U" ON PAGE 36, WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN IGLOO MAGAZINES" ABOVE.
2. FOR STORAGE IN AN 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE, SEE THE "STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN IGLOO MAGAZINES". SEE "SECTION VIEW OF AN 81'-2" LONG BY 26'-6" WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE" ON THIS PAGE FOR "A" STACKS AND "SECTION U-U" ON PAGE 36 FOR "B" STACKS.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.

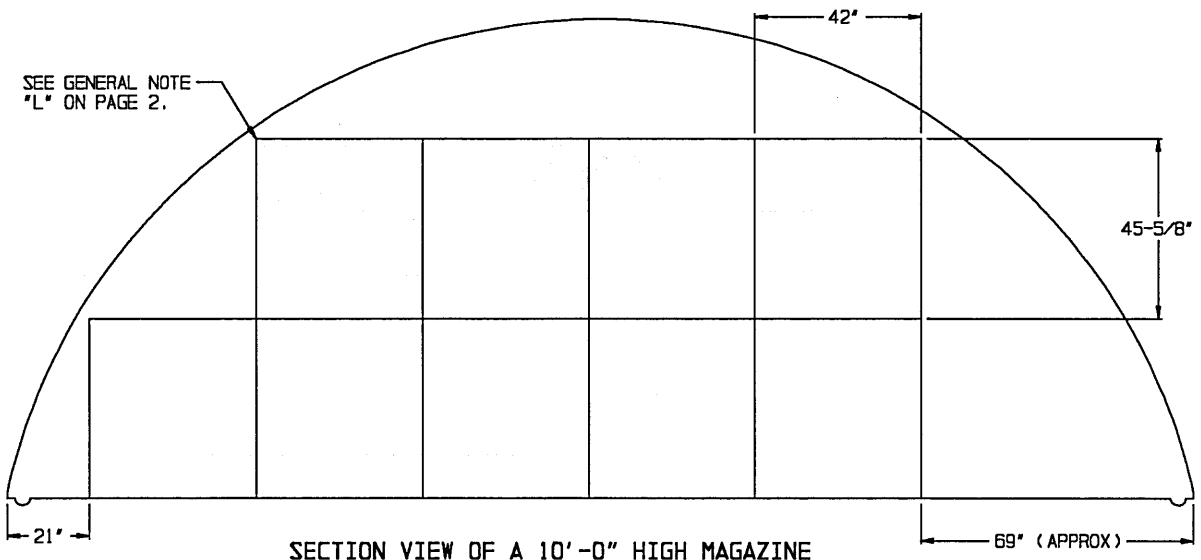
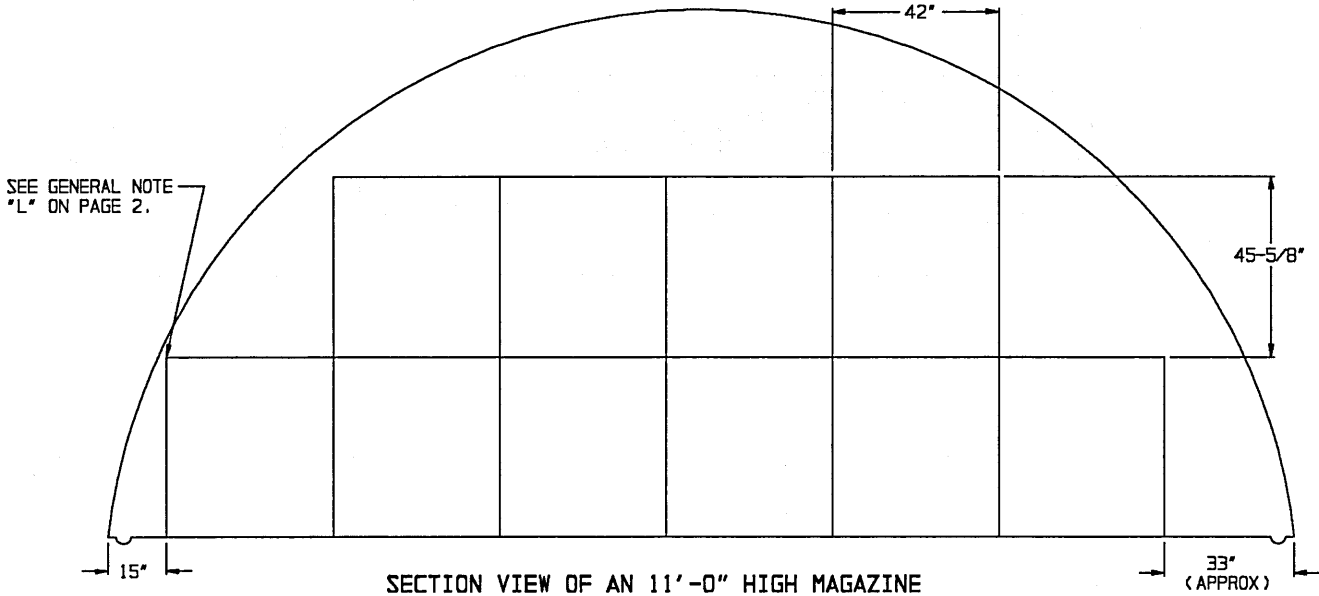


**SECTION VIEW OF AN 81'-2" LONG BY 26'-6"
WIDE BY 12'-1-3/4" HIGH ARCH TYPE MAGAZINE**



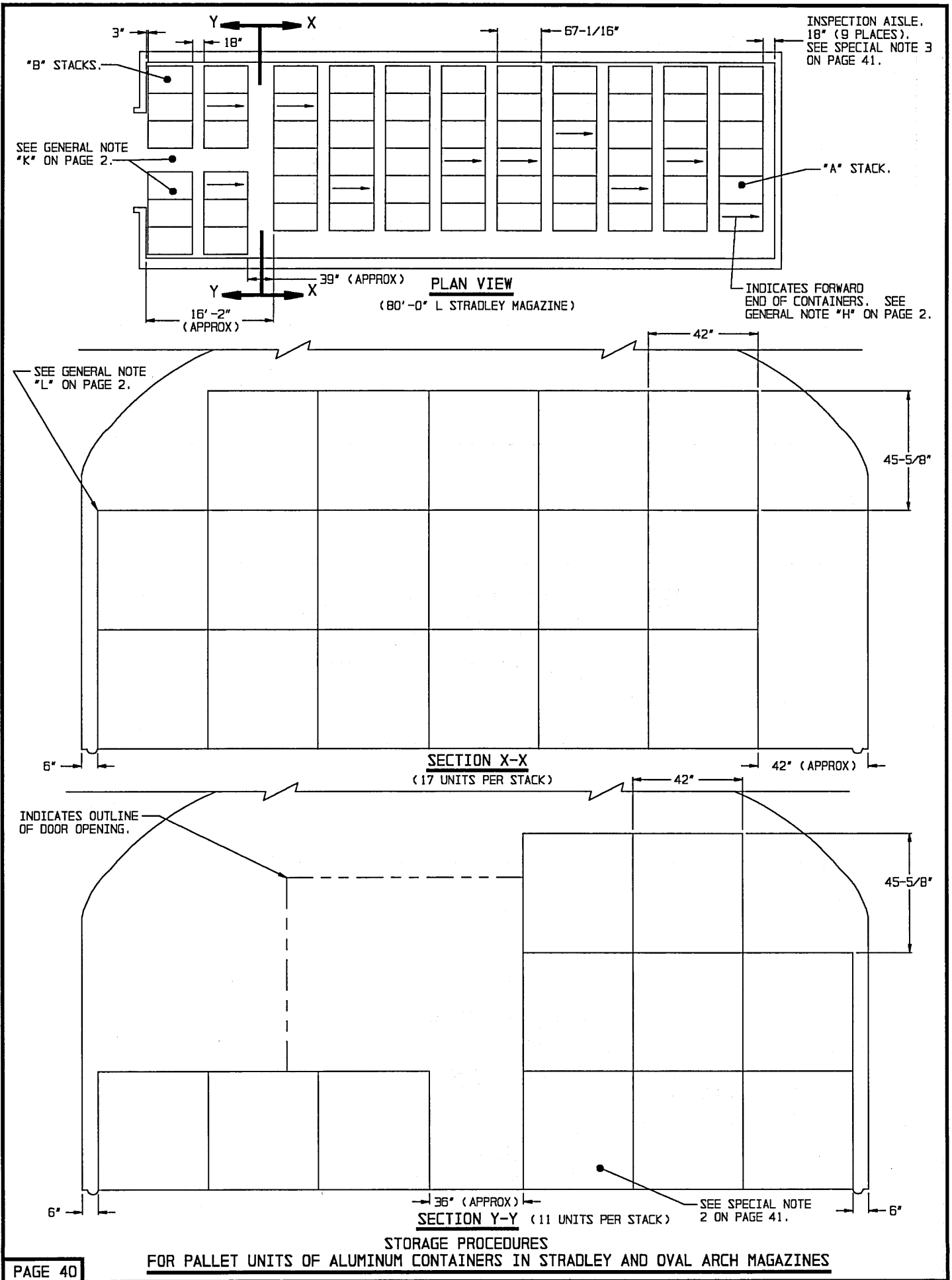
**STORAGE OF PALLETIZED ALUMINUM CONTAINERS
IN ARCH TYPE MAGAZINES**

MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	12'-1-3/4"	13	9	5	2	127	1,143
40'-0"	25'-0"	12'-1-3/4"	13	4	5	1	57	513
80'-0"	25'-0"	11'-0"	10	9	5	2	100	900
40'-0"	25'-0"	11'-0"	10	4	5	1	45	405
80'-0"	25'-0"	10'-0"	9	9	5	2	91	819
40'-0"	25'-0"	10'-0"	9	4	5	1	41	369



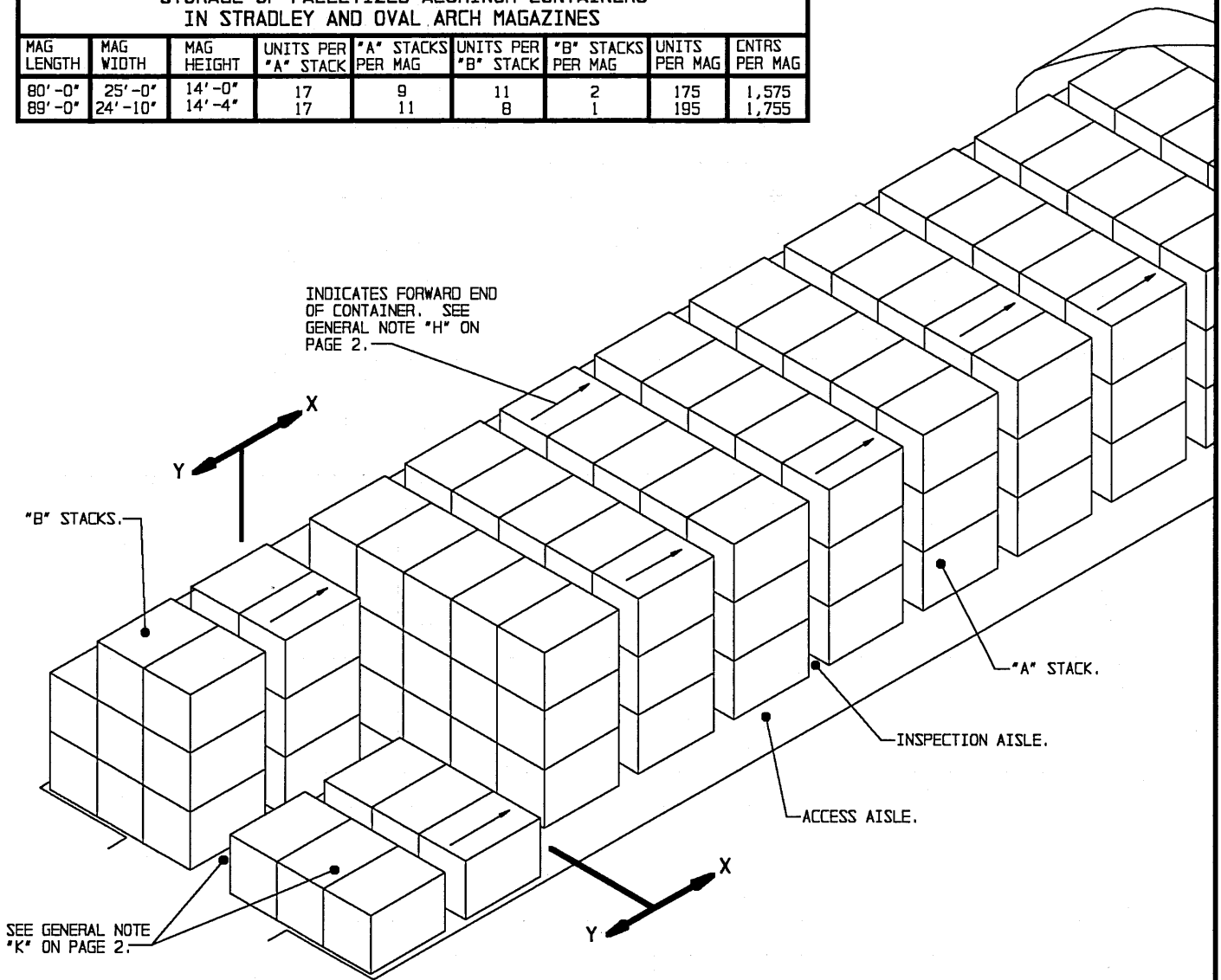
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW" ON PAGE 38 ARE FOR AN 80'-0" L MAGAZINE. FOR STORAGE IN 80'-0" L OR 40'-0" L MAGAZINES WHICH ARE 12-1-3/4" HIGH, THE 13 UNIT STACK SHOWN IN "SECTION V-V" WILL BE USED. FOR STORAGE IN 80'-0" L AND 40'-0" L MAGAZINES WHICH ARE 11'-0" HIGH, THE 10 UNIT STACK SHOWN IN THE "SECTION VIEW OF AN 11'-0" HIGH MAGAZINE" WILL BE USED. FOR STORAGE IN 80'-0" L OR 40'-0" MAGAZINES WHICH ARE 10'-0" HIGH, THE 9 UNIT STACK SHOWN IN THE "SECTION VIEW OF A 10'-0" HIGH MAGAZINE" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE "STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN ARCH TYPE MAGAZINES" ABOVE.
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE OF PALLETIZED ALUMINUM CONTAINERS
IN STRADLEY AND OVAL ARCH MAGAZINES**

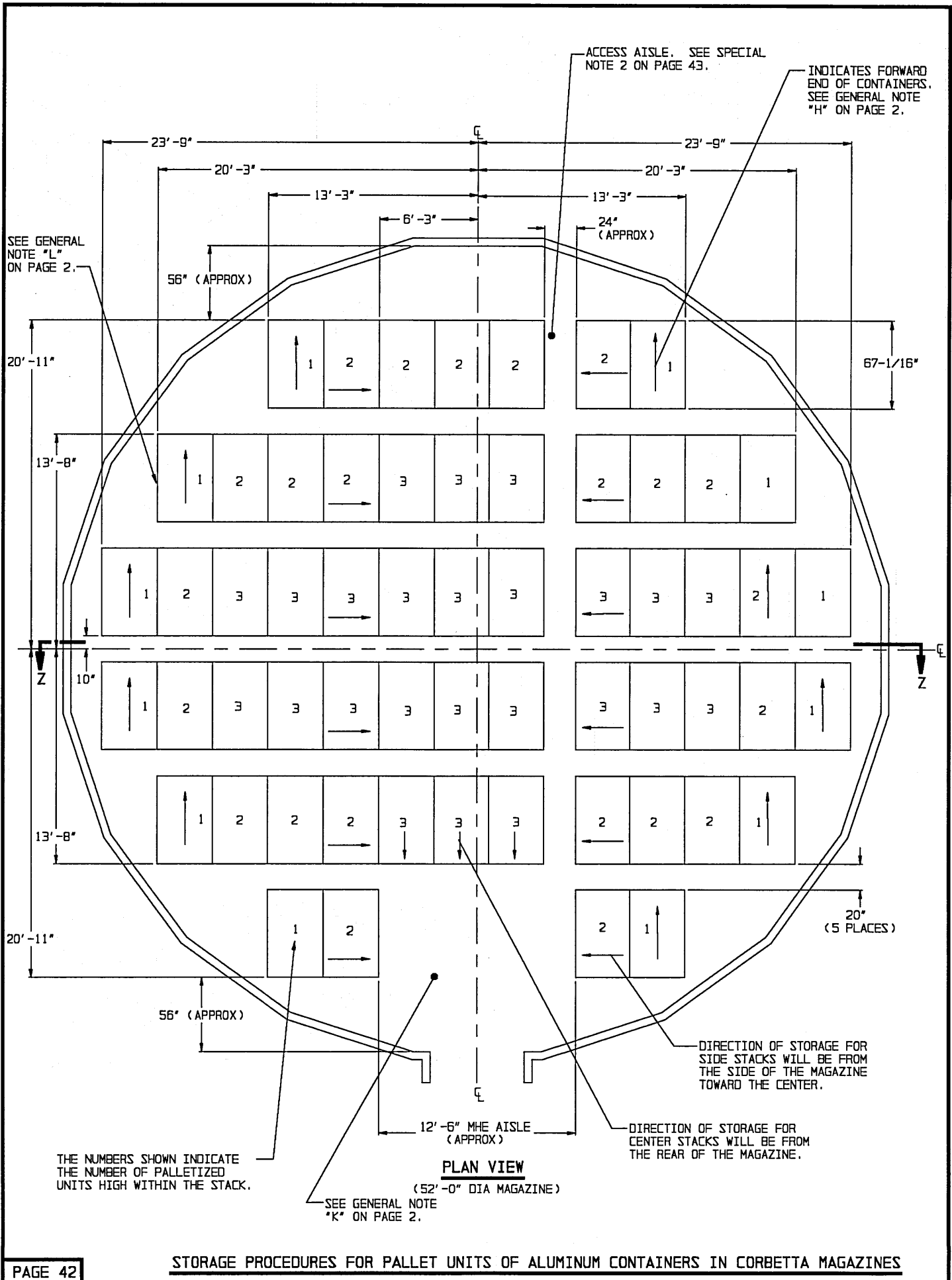
MAG LENGTH	MAG WIDTH	MAG HEIGHT	UNITS PER "A" STACK	"A" STACKS PER MAG	UNITS PER "B" STACK	"B" STACKS PER MAG	UNITS PER MAG	CNTRS PER MAG
80'-0"	25'-0"	14'-0"	17	9	11	2	175	1,575
89'-0"	24'-10"	14'-4"	17	11	8	1	195	1,755



**ISOMETRIC VIEW
(STRADLEY MAGAZINE)**

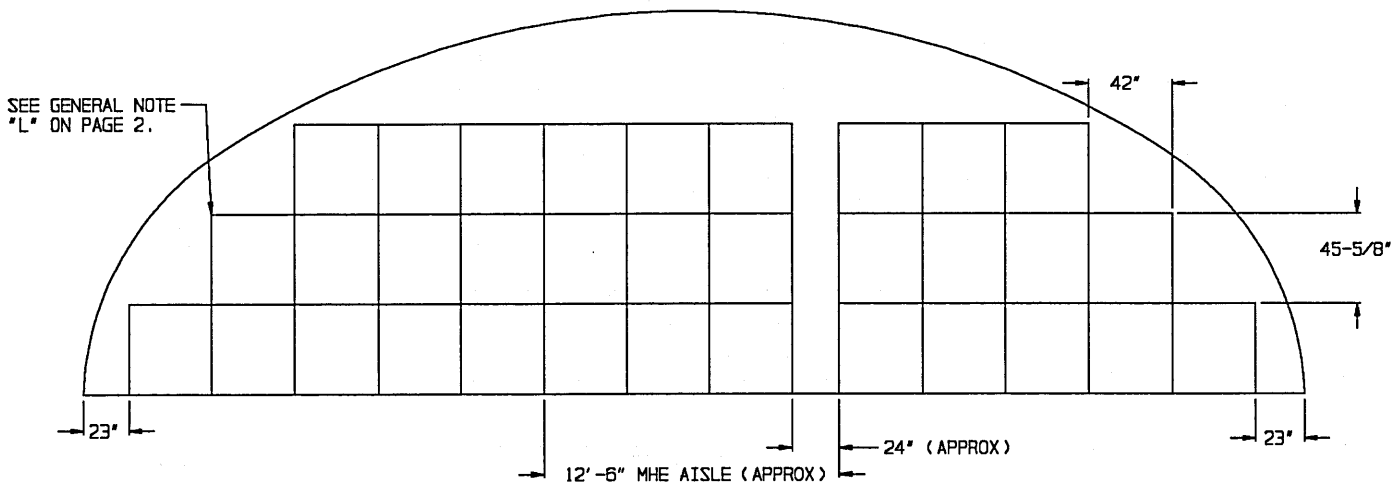
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN IN THE "PLAN VIEW", "SECTION X-X", "SECTION Y-Y", AND "ISOMETRIC VIEW" ARE FOR THE STRADLEY MAGAZINE. HOWEVER, FOR STORAGE IN OVAL ARCH MAGAZINES THE 17 UNIT STACK SHOWN IN "SECTION X-X" WILL BE USED. THE QUANTITY OF STACKS WILL CHANGE PER SIZE OF MAGAZINE. SEE THE "STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN STRADLEY AND OVAL ARCH MAGAZINES" ABOVE.
2. FOR STORAGE IN OVAL ARCH MAGAZINES, THE ONE (1) ROW OF UNITS ADJACENT TO THE OPERATING AISLE AS SHOWN IN "SECTION Y-Y" MUST BE OMITTED BECAUSE OF THE RELATIVELY NARROW DOOR OPENING. THIS WILL REDUCE THE "B" STACKS TO 8 UNITS EACH.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE OF PALLETIZED ALUMINUM CONTAINERS
IN A 52'-0" DIA CORBETTA MAGAZINE**

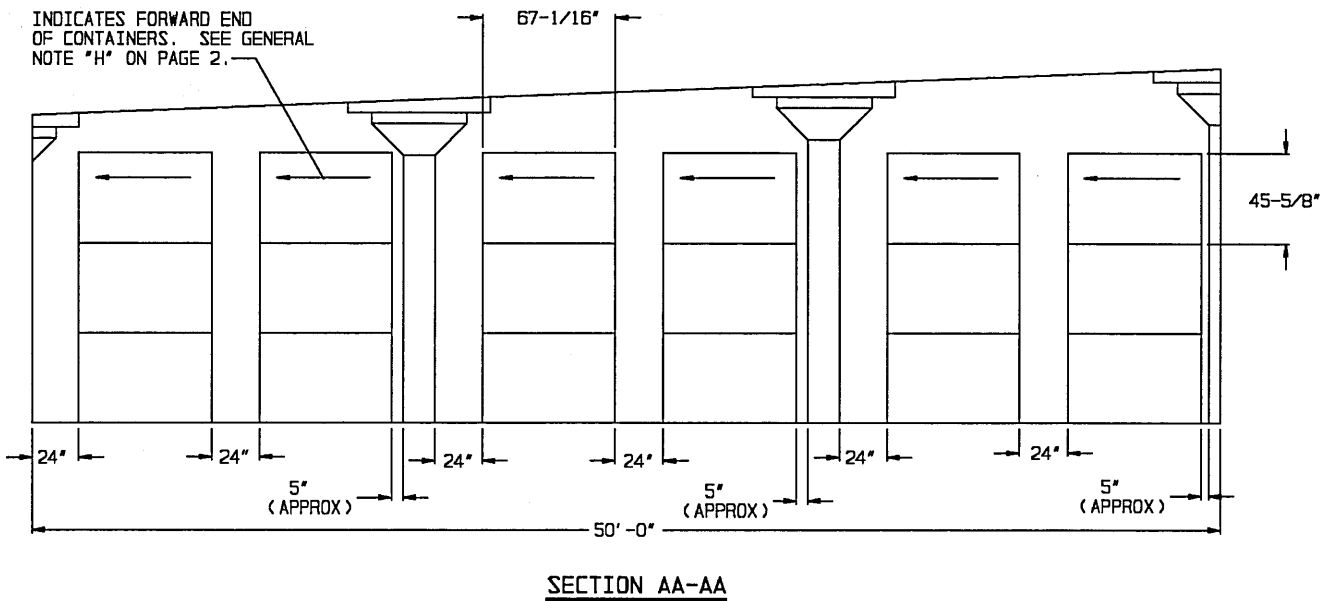
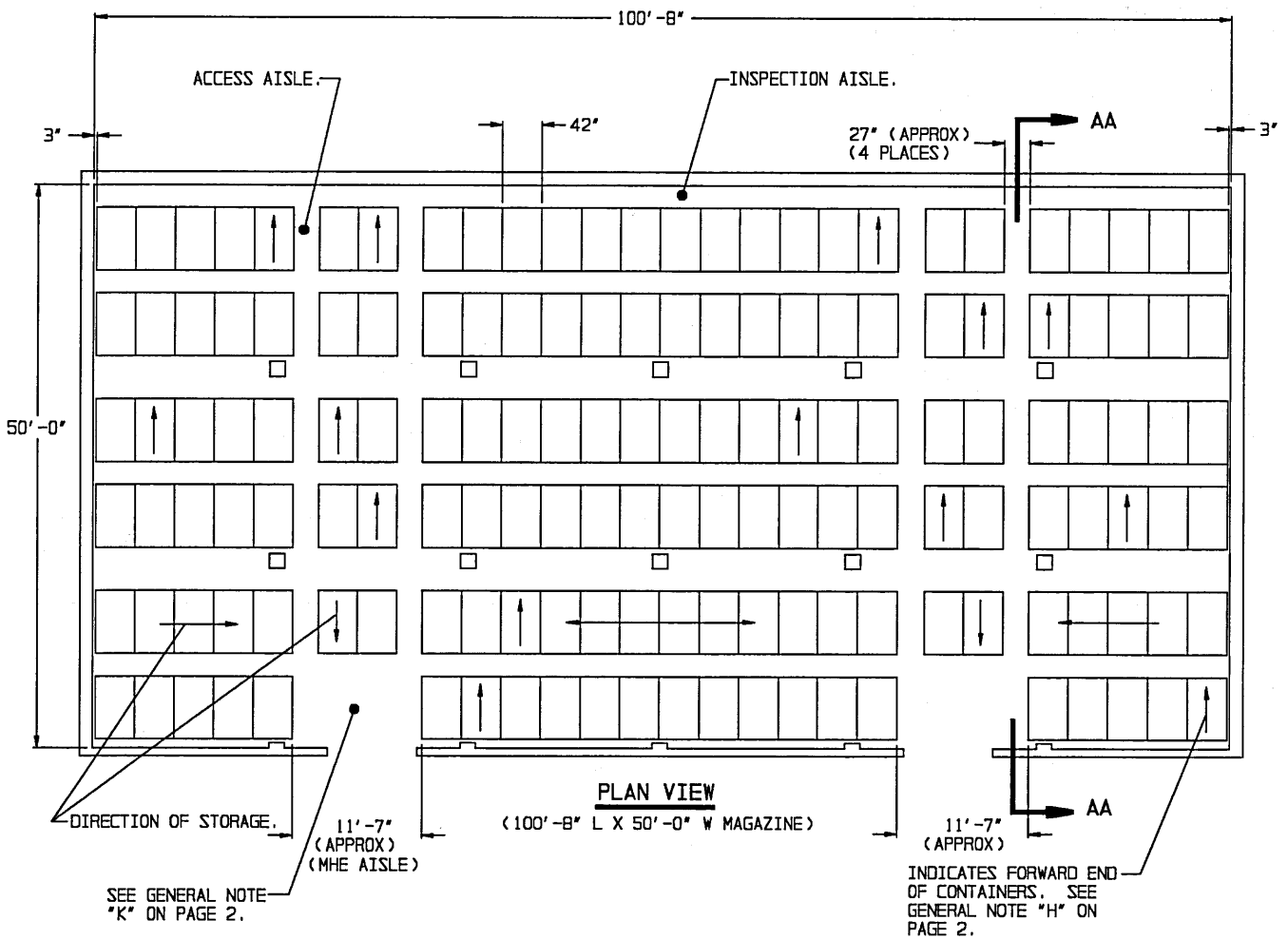
ITEM	QUANTITY
PALLETIZED UNITS - - - - -	130
ALUMINUM CONTAINERS - - - - -	1,170



SECTION Z-Z

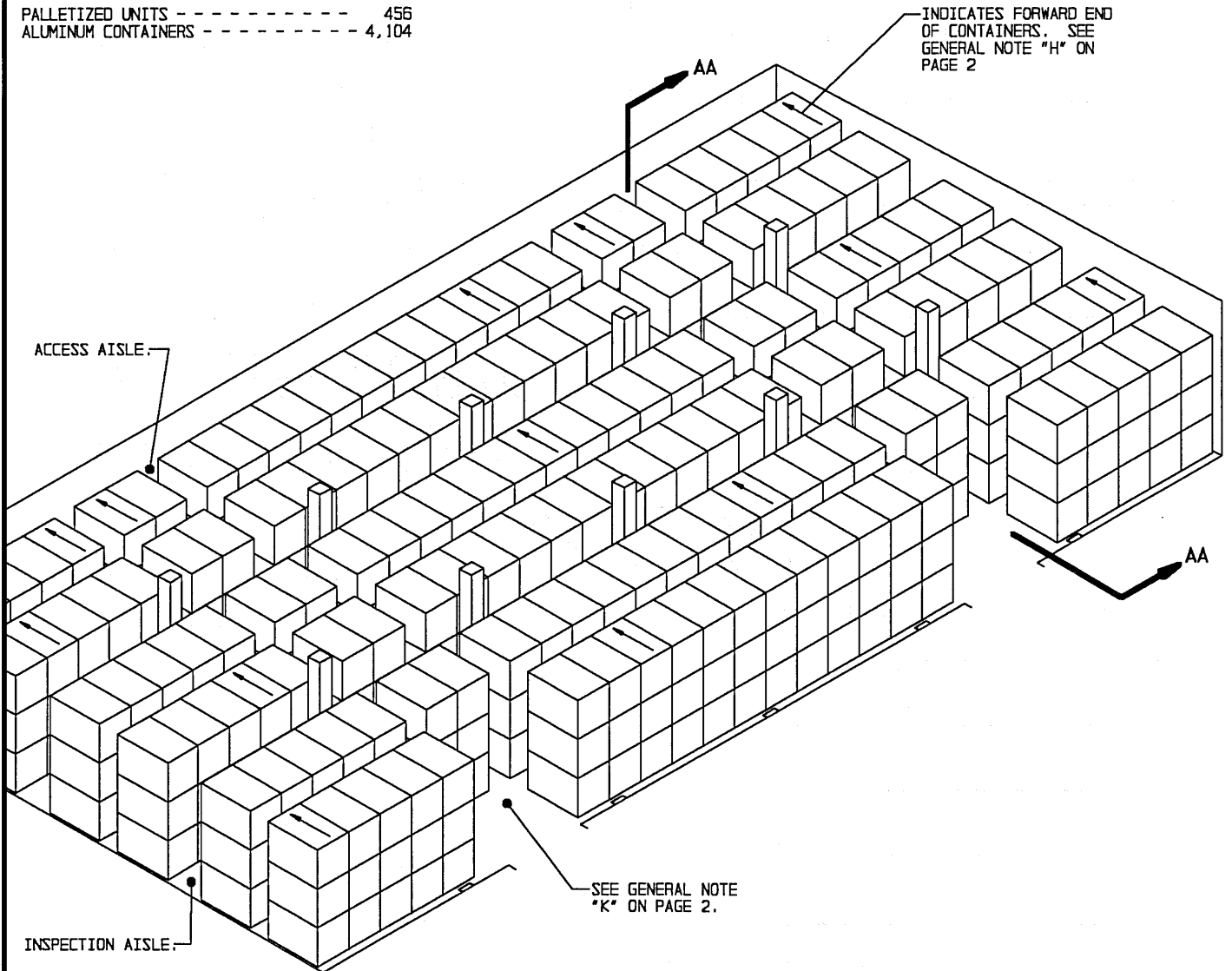
SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 52'-0" DIAMETER CORBETTA MAGAZINE. THE NUMBER OF UNITS AND/OR CONTAINERS PER STACK STARTING FROM REAR OF MAGAZINE TOWARD THE DOOR ARE 12 UNITS (108 CONTAINERS), 23 UNITS (207 CONTAINERS), 33 UNITS (297 CONTAINERS), 33 UNITS (297 CONTAINERS), 23 UNITS (207 CONTAINERS), AND 6 UNITS (54 CONTAINERS).
2. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.



**STORAGE OF PALLETIZED ALUMINUM CONTAINERS IN
A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE**

ITEM	QUANTITY
PALLETIZED UNITS -----	456
ALUMINUM CONTAINERS -----	4,104

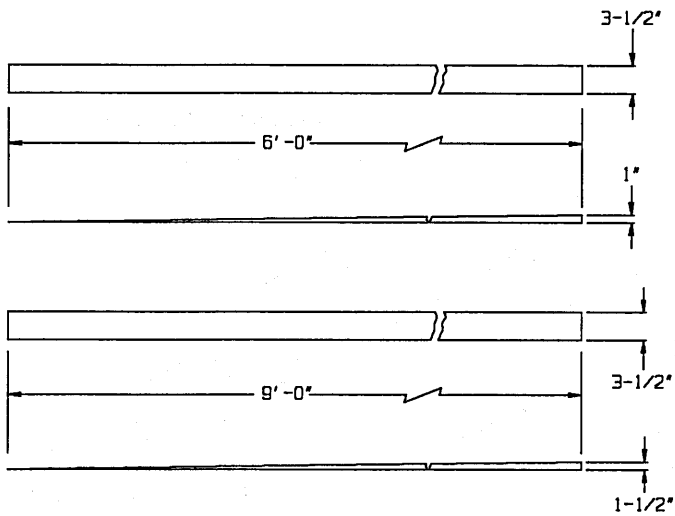


ISOMETRIC VIEW

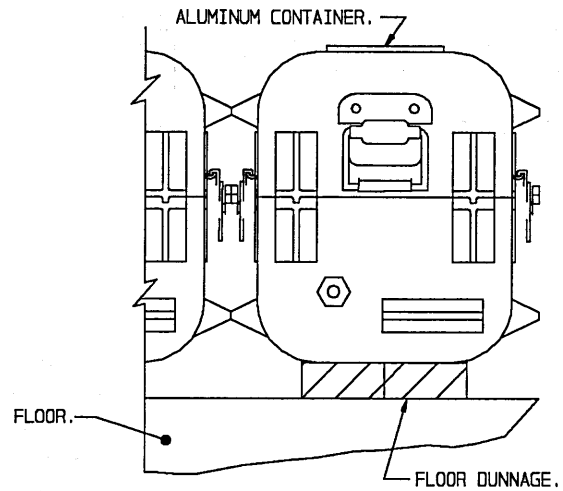
(100'-8" L BY 50'-0" W MAGAZINE)

SPECIAL NOTES:

1. THE STORAGE PROCEDURES SHOWN ARE FOR A 100'-8" L BY 50'-0" W RECTANGULAR MAGAZINE.
2. AN ACCESS AISLE MUST BE PROVIDED BETWEEN THE STACKS. CONTAINERS MAY BE OMITTED TO PROVIDE FOR THIS REQUIREMENT.
3. AISLE DIMENSIONS MAY BE ADJUSTED. SEE GENERAL NOTE "J" ON PAGE 2.

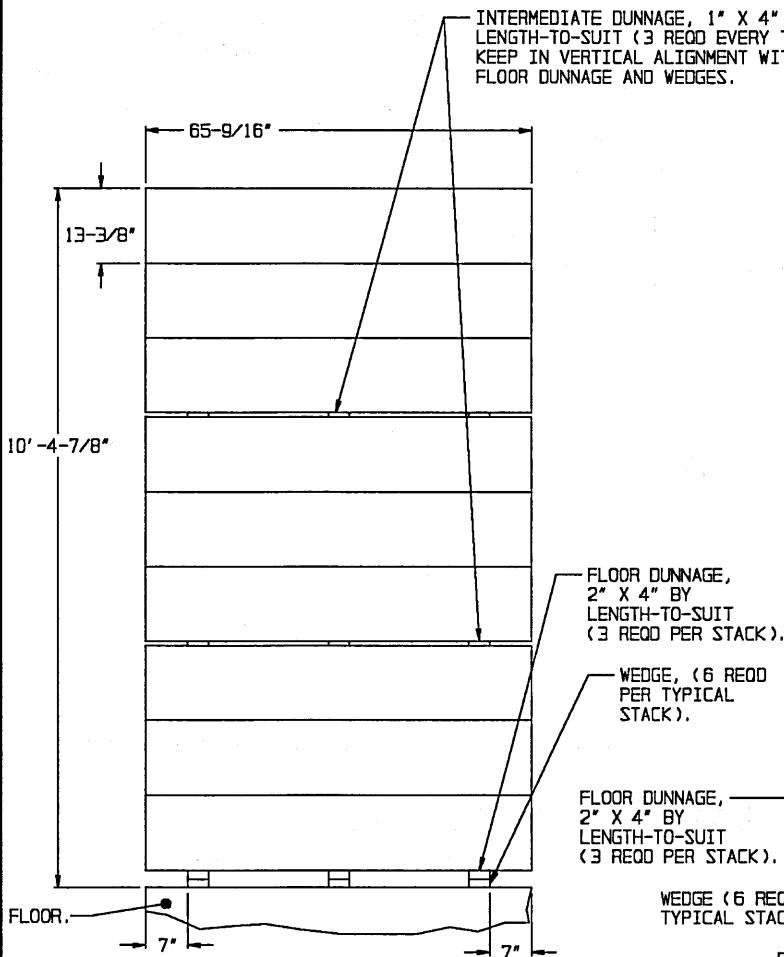


WEDGE DETAIL
2" X 4" MATERIAL.



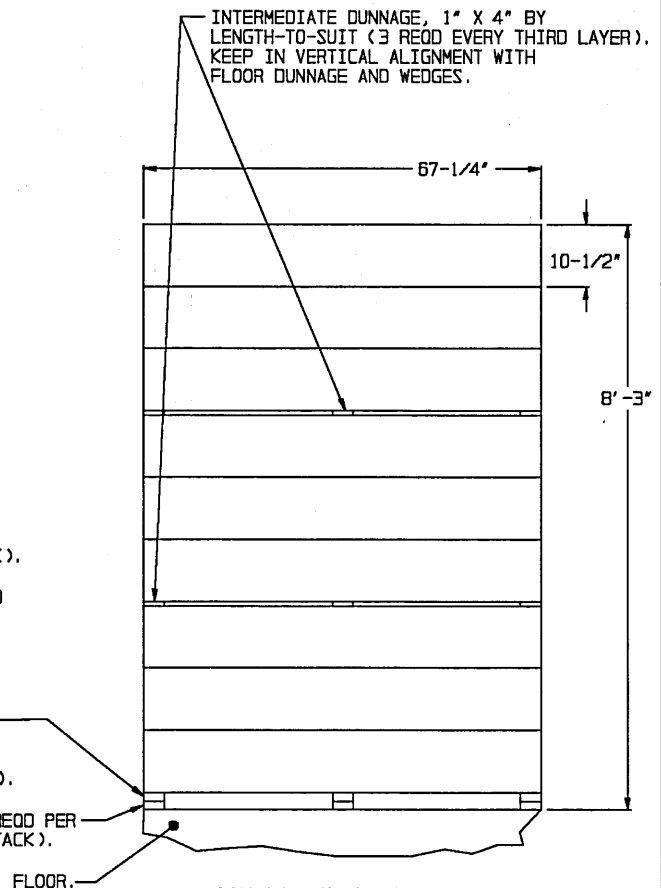
POSITIONING OF FLOOR DUNNAGE UNDER ALUMINUM CONTAINERS IN OVAL ARCH MAGAZINES

(UNPALLETIZED)
POSITION TWO PIECES OF 2" X 4" X 60" FLOOR DUNNAGE SIDE-BY-SIDE, CENTERED LATERALLY AND LONGITUDINALLY UNDER EACH ALUMINUM CONTAINER, IN THE BOTTOM LAYER OF THE STACK.



STACK DETAIL FOR ALUMINUM CONTAINERS
(UNPALLETIZED)

AN END VIEW OF A TYPICAL STACK OF ALUMINUM CONTAINERS IS SHOWN DEPICTING THE POSITION OF WEDGES, FLOOR DUNNAGE, AND INTERMEDIATE DUNNAGE.



STACK DETAIL FOR WIREBOUND CONTAINERS
(UNUNITIZED)

AN END VIEW OF A TYPICAL STACK OF WIREBOUND CONTAINERS IS SHOWN DEPICTING THE POSITION OF WEDGES, FLOOR DUNNAGE, AND INTERMEDIATE DUNNAGE.