STORAGE IN APPROVED MAGAZINES OF ADG-769 OR ADG-770 ADAPTER GROUPS, PACKED IN CNU-439 SHIPPING AND STORAGE CONTAINERS

INDEX

U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND

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DO NOT SCALE

MAY 2009

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CLASS	DIVISION	DRAWING	FILE
19	48	8684	SP1-3-4-14-22J40

PROJECT SP 383-00

GENERAL NOTES

A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).

B. THE STORAGE PROCEDURES 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 ADG-769 OR ADG-770 ADAPTER GROUPS PACKED IN CNU-439 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.

C. THE STORAGE PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO ADG-769 OR ADG-770 ADAPTER GROUPS PACKED IN CNU-439 CONTAINERS. SUBSEQUENT REFERENCE TO CONTAINER HEREIN MEANS CONTAINER WITH AMMUNITION ITEMS. SEE PAGE 3 AND AIR FORCE DRAWING 8644260 FOR DETAILS OF THE CONTAINER.

D. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE, WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.

E. STORED CONTAINERS MUST NOT CONTACT THE SIDES OF A MAGAZINE. THEREFORE, CONTAINERS MUST BE STORED A MINIMUM OF 6" FROM THE SIDEWALL OR CURVATURE OF THE MAGAZINE AS APPLICABLE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, CONTAINERS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.

F. AISLE DIMENSION SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS IN CONTAINER DIMENSIONS, AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT (MHE). HOWEVER, A 24" MINIMUM INSPECTION AISLE MUST BE MAINTAINED AT THE AFT END OF THE CONTAINERS WHERE HUMIDITY INDICATORS ARE LOCATED.

G. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED WILL NOT BE EXCEEDED.

H. IF AVAILABLE MHE PERMITS, ADDITIONAL CONTAINERS MAY BE STORED WITHIN THE MHE AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.

J. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP LAYER CONTAINERS IN THE STACKS SHOWN IN THE STORAGE 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.

K. THE USE OF NOMINAL SIZE 1" X 6" X 36" FLOOR DUNNAGE UNDER EACH END OF EACH FIRST-LAYER CONTAINER IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAWING. THE PURPOSE OF FLOOR DUNNAGE IS TO HELP KEEP THE RUNNERS OF THE CONTAINERS DRY, THUS AIDING IN PREVENTING DETERIORATION DUE TO CORROSION. THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR. IN IGLOO, ARCH TYPE AND STRADLEY MAGAZINES WHICH HAVE FLOOR SLOPING TOWARD THE SIDEWALLS, THE DEPICTED STORAGE PATTERNS INCLUDE CONTAINER-STACKS WHICH STRADDLE THE RIDGE OF THE FLOOR AT THE CENTER OF THE MAGAZINE. THEREFORE, IN LIEU OF USING ONE-INCH THICK FLOOR DUNNAGE AS SPECIFIED, THE USE OF THICKER FLOOR DUNNAGE MAY BE REQUIRED, AND SHOULD BE USED, TO ACHIEVE THE DESIRED OBJECTIVE. STACK STABILIZING DUNNAGE IN THE FORM OF SHIMS WILL BE USED IF REQUIRED TO ACHIEVE SOUND AND ACCEPTABLE STABLE STACKS FROM THE FLOOR TO THE TOP OF THE STACK. SHIM MATERIAL OF VARYING THICKNESSES OR THICKER FLOOR DUNNAGE WILL BE USED AS REQUIRED UNDER THE LOAD BEARING LOCATIONS AT THE ENDS OF THE FIRST-LAYER CONTAINERS. NOTE: SOME VIEWS WITHIN THIS DRAWING WILL NOT DEPICT ALL FLOOR DUNNAGE THAT IS REQUIRED WHEN DUNNAGE IS USED. SEE THE "FLOOR DUNNAGE AND SHIM LOCATION DETAIL" ON PAGE 15 FOR A TYPICAL INSTALLATION.

(CONTINUED AT RIGHT)

(GENERAL NOTES CONTINUED)

L. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PREPLANNING SO AS TO INSURE MHE ACCESSIBILITY TO ANY LOT IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE APPLICABLE "SPECIAL NOTES" SECTIONS OF THE MULTIPLE LOT STORAGE PROCEDURES SHOWN ON PAGES 12, 13 AND 14.

M. 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 11 CAN ALSO BE ADAPTED FOR STORAGE OF MORE THAN ONE LOT. MULTIPLE LOTS OF CONTAINERS MAY BE STORED WITH ONE OR MORE ROWS USED FOR EACH LOT WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTERN FOR ARCHED OR ROUNDED ROOF MAGAZINES (A ROW RUNS FROM THE REAR OF THE MAGAZINE TO THE FRONT). A SPACE OF APPROXIMATELY 1" WILL HAVE TO BE LEFT BETWEEN ADJACENT ROWS CONTAINING DIFFERENT LOTS. MULTIPLE LOTS OF CONTAINERS MAY BE STORED WITH ONE OR MORE STACKS USED FOR EACH LOT WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTERN FOR CORBETTA OR RECTANGULAR MAGAZINES. AN MHE AISLE MUST BE PROVIDED FROM THE DOOR TO THE REAR WALL OF THE MAGAZINE FOR MHE ACCESS TO ALL LOTS. ALL THE ADDITIONAL CRITERIA PERTAINING TO MULTIPLE LOT STORAGE WILL APPLY AS SPECIFIED ON PAGES 12 THRU 14.

N. A PRODUCTION OR STORAGE FACILITY IS AUTHORIZED TO HAVE ONE INCOMPLETE, PARTIAL CONTAINER PER LOT IN A STORAGE STRUCTURE. THE CONTAINER MUST BE RE-PACKED AS THE ORIGINAL LOAD.

O. 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.

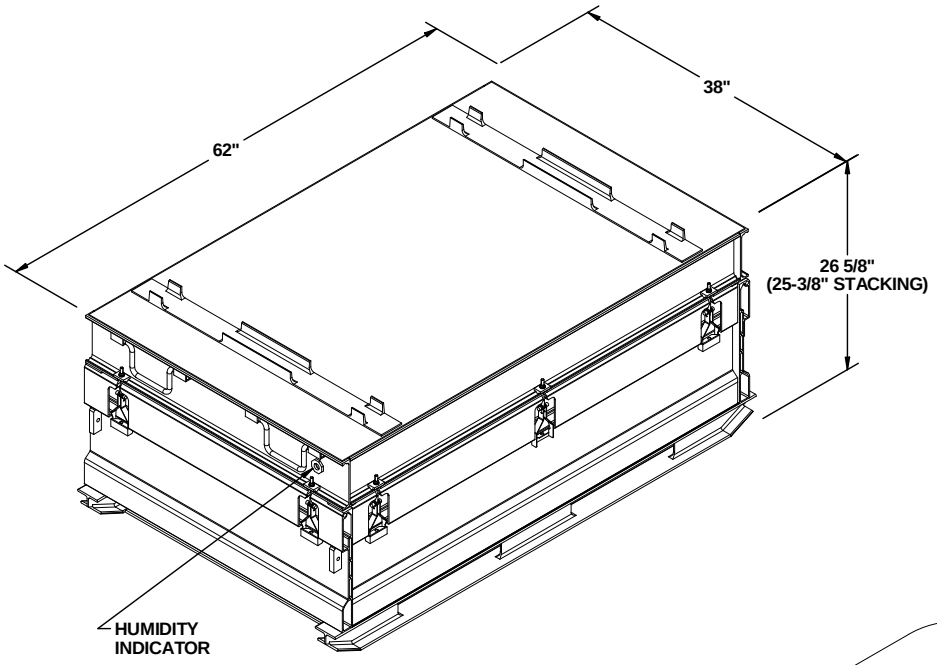
P. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.

Q. 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 AND 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.

R. 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 25.4MM, AND ONE POUND EQUALS 0.454 KG.

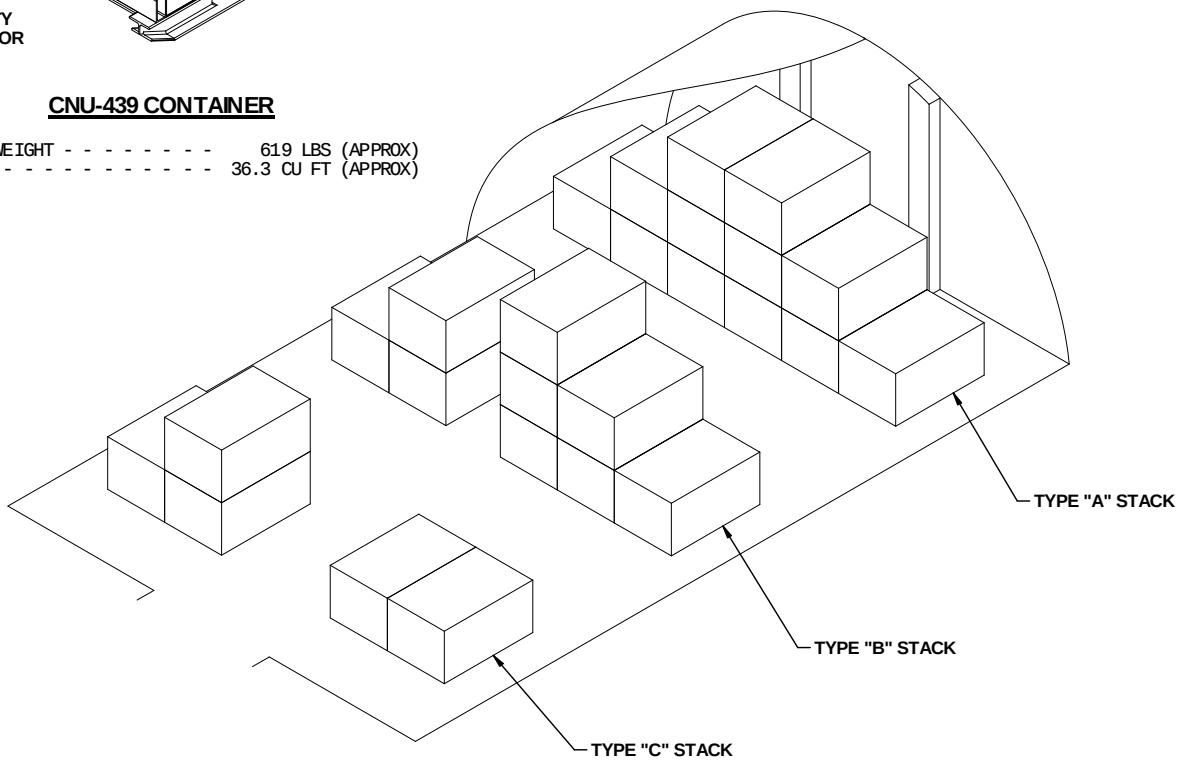
MATERIAL SPECIFICATIONS

LUMBER - - - - - - - - -: SEE TM 743-200-1 (DUNNAGE LUMBER) AND VOLUNTARY PRODUCT STANDARD PS 20.



CNU-439 CONTAINER

GROSS WEIGHT - - - - - - - - - 619 LBS (APPROX)
CUBE - - - - - - - - - - - - - 36.3 CU FT (APPROX)

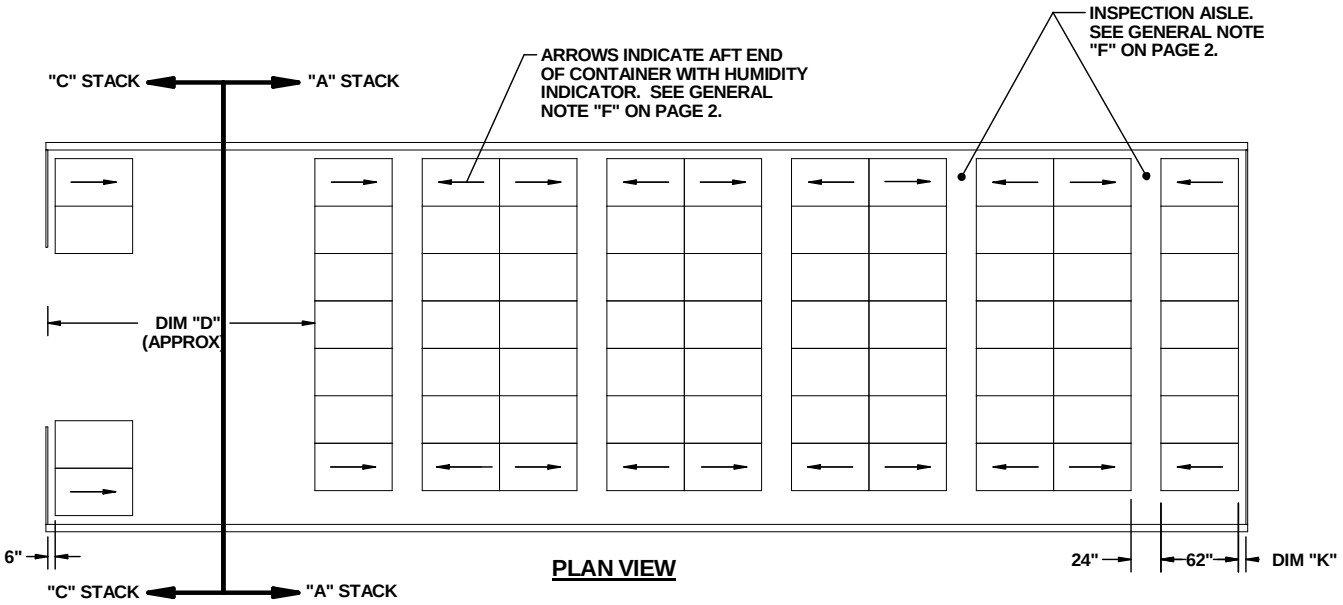


STACK IDENTIFICATION

A TYPE "A" STACK IS IDENTIFIED AS A GROUP OF ITEMS /UNITS WHICH EXTENDS FULL WIDTH AND HEIGHT OF THE MAGAZINE, AND IS ONE ITEM/UNIT LONG IN THE LENGTH OF THE MAGAZINE.

A TYPE "B" STACK IS IDENTIFIED AS A GROUP OF ITEMS/UNITS WHICH EXTEND FULL WIDTH AND HEIGHT OF THE MAGAZINE, AND IS ONE UNIT/ITEM LONG, BUT HAS AN AISLE AT OR NEAR THE CENTER OF THE WIDTH OF THE STACK.

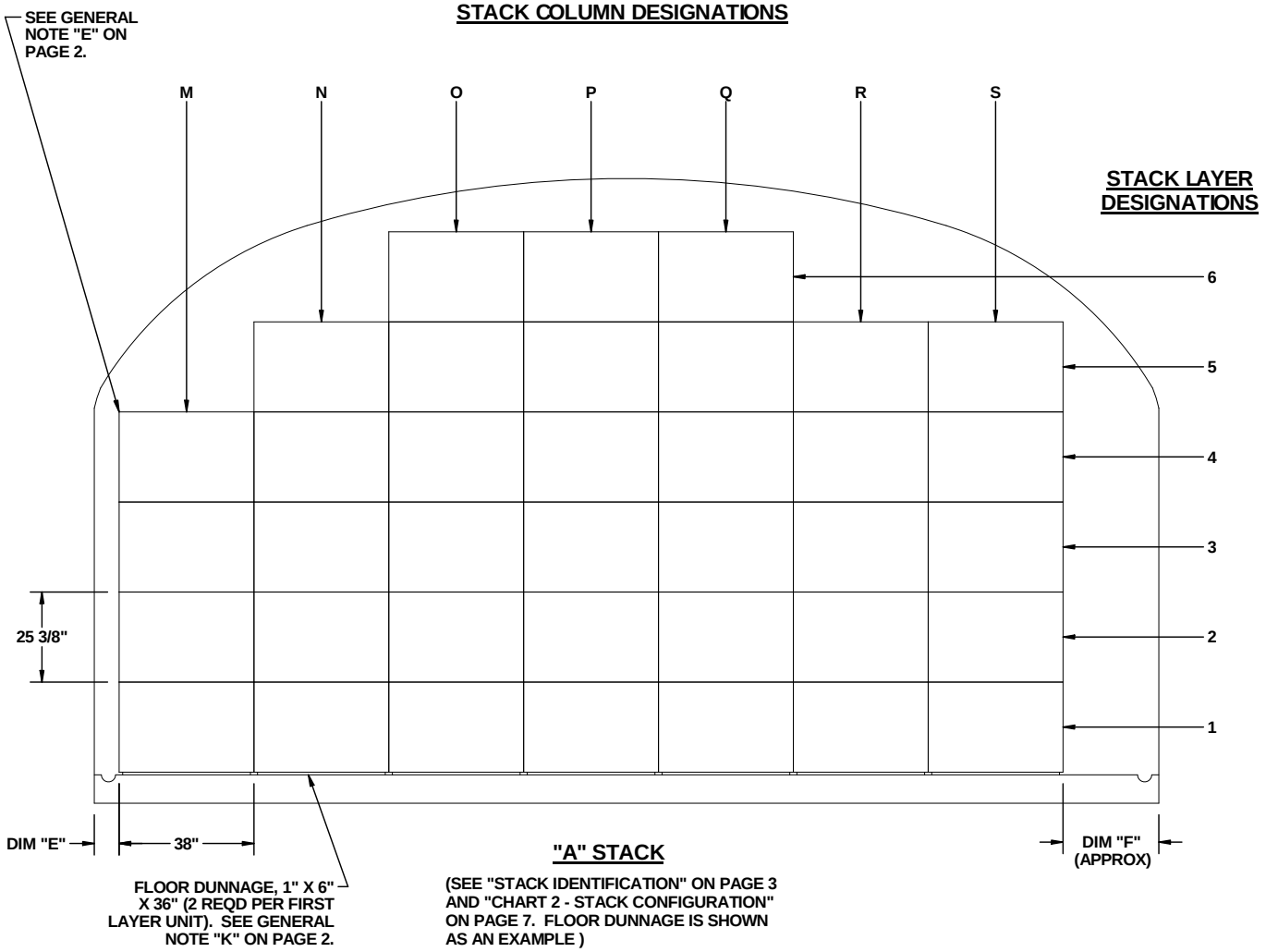
A TYPE "C" STACK IS IDENTIFIED AS A GROUP OF ITEMS/UNITS WHICH IS ONE UNIT/ITEM LONG AND CONSISTS OF PARTIAL STACKS ON EACH SIDE OF THE MAGAZINE, USUALLY ONE ITEM/UNIT HIGH ON ONE SIDE OF THE MAGAZINE.



PLAN VIEW

NOTE: FOR IDENTIFICATION OF LETTERED DIMENSIONS REFER TO CHART 1 ON PAGE 6.

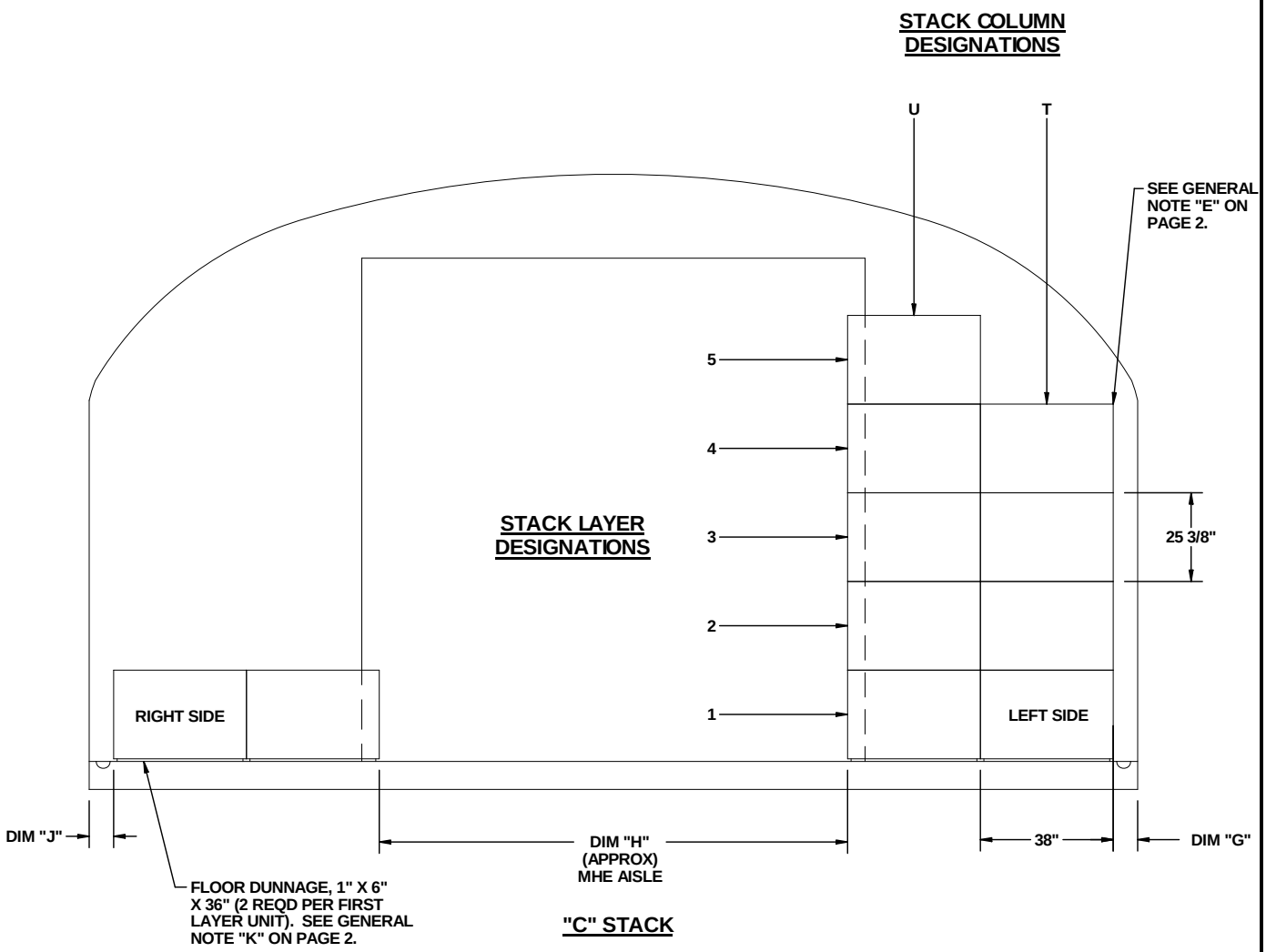
STACK COLUMN DESIGNATIONS



"A" STACK

(SEE "STACK IDENTIFICATION" ON PAGE 3 AND "CHART 2 - STACK CONFIGURATION" ON PAGE 7. FLOOR DUNNAGE IS SHOWN AS AN EXAMPLE)

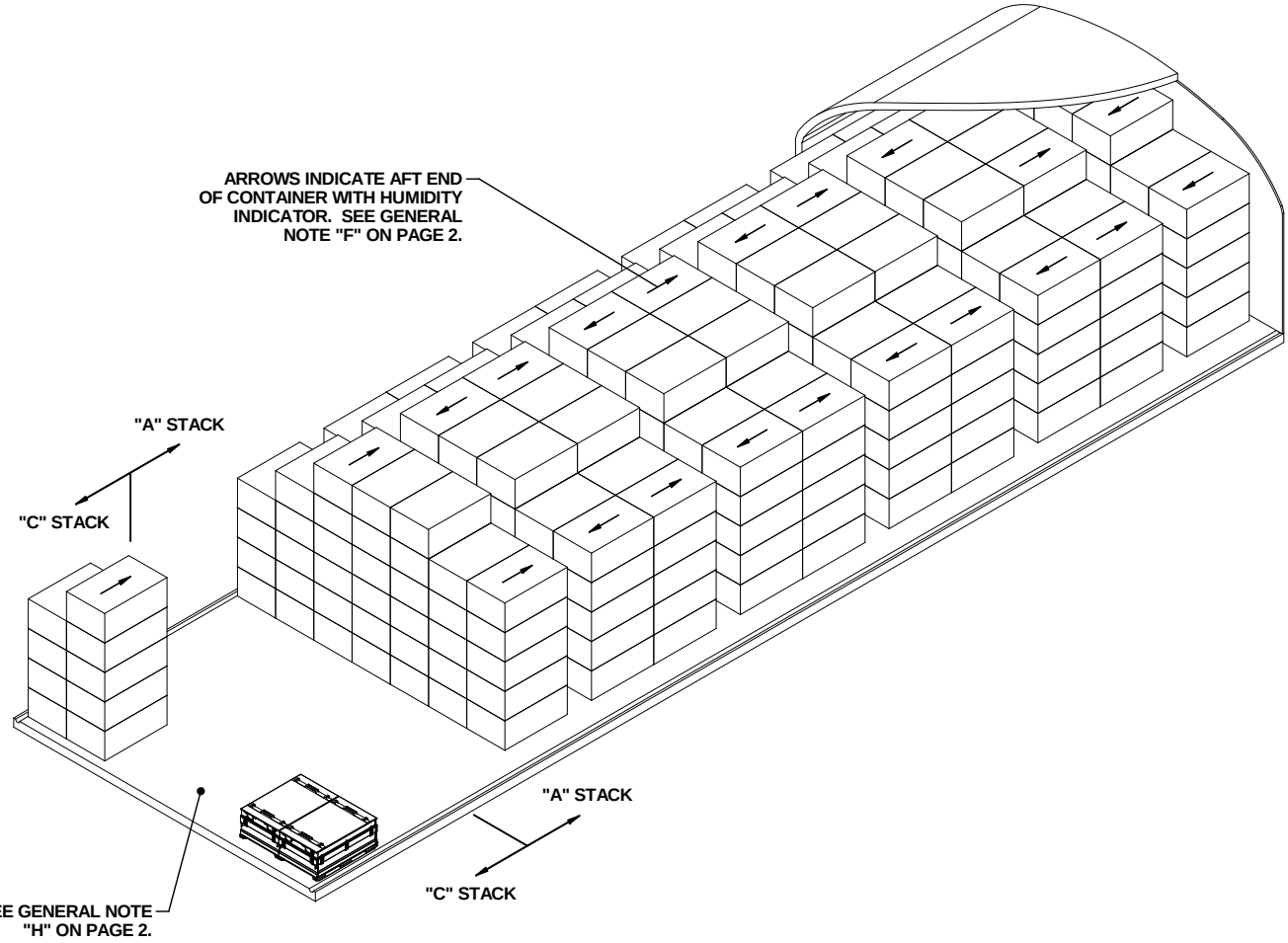
TYPICAL STORAGE IN ARCHED OR ROUNDED ROOF MAGAZINES



"C" STACK

TYPICAL "C" STACK FOR STRADLEY MAGAZINE. (SEE "STACK IDENTIFICATION " ON PAGE 3 AND "CHART 2 - STACK CONFIGURATION" ON PAGE 7)

NOTE: FOR IDENTIFICATION OF LETTERED DIMENSIONS REFER TO CHART 1 ON PAGE 6.



ISOMETRIC VIEW

STRADLEY MAGAZINE SHOWN AS TYPICAL.

CHART 1 - DIMENSIONS

MAGAZINE DIMENSIONS	MAGAZINE TYPE													
	IGLOO			ARCH 12'			ARCH 11'		ARCH 10'		OVAL ARCH	STRADLEY	STEEL ARCH	
				26'-6"	25'-0"									
LENGTH	40'-4"	60'-8"	81'-0"	81'-2"	40'-0"	80'-0"	40'-0"	80'-0"	40'-0"	80'-0"	89'-0"	80'-0"	59'-0"	89'-0"
WIDTH	26'-6"			26'-6"	25'-0"	25'-0"	25'-0"		25'-0"		24'-10"	25'-0"	25'-0"	24'-11"
HEIGHT	12'-9"			12'-1-3/4"			11'-0"		10'-0"		14'-5"	14'-0"	14'-0"	13'-6"
DIMENSIONS	PALLET UNIT SPACING DIMENSIONS													
DIM "D" (MHE AREA APPROX)	15'-2"	18'-0"	13'-8"	13'-2"	14'-10"	17'-2"	14'-2"	17'-2"	14'-10"	17'-10"	14'-6"	17'-10"	16'-4"	14'-6"
DIM "E" ("A" STACK LEFT)	17"	17"	17"	24"	17"	17"	24"	24"	17"	17"	6"	7"	6"	8"
DIM "F" ("A" STACK RIGHT)	35"	35"	35"	28"	55"	55"	48"	48"	55"	55"	26"	27"	28"	25"
DIM "G" ("C" STACK LEFT)	17"	17"	17"	24"	17"	17"	24"	24"	17"	17"	6"	7"	6"	8"
DIM "H" (MHE AISLE APPROX)	11'-8"	11'-8"	11'-8"	10'-11"	13'-4"	13'-4"	12'-5"	12'-5"	12'-10"	12'-10"	11'-2"	11'-2"	11'-4"	11'-1"
DIM "J" ("C" STACK RIGHT)	9"	9"	9"	11"	9"	9"	13"	13"	15"	15"	6"	7"	6"	6"
DIM "K" ("A" STACK BACK)	6"	6"	6"	14"	6"	14"	14"	14"	6"	6"	6"	6"	6"	6"

TYPICAL STORAGE IN ARCHED OR ROUNDED ROOF MAGAZINES

CHART 2 - STACK CONFIGURATION

MAGAZINE TYPE														
QUANTITY PER MAGAZINE	IGLOO 40'-4" L	IGLOO 60'-8" L	IGLOO 81'-0" L	ARCH 12' 26'-6" W	ARCH 12' X 25' W 40'-0" L	ARCH 12' X 25' W 80'-0" L	ARCH 11' 40'-0" L	ARCH 11' 80'-0" L	ARCH 10' 40'-0" L	ARCH 10' 80'-0" L	OVAL ARCH	STRADLEY	STEEL ARCH 59'-0" L	STEEL ARCH 89'-0" L
	120	204	316	305	107	257	86	206	81	195	455	381	218	368
"A" STACK CONFIGURATION														
LAYER	CONTAINERS PER LAYER													
1	7(M-S)			7(M-S)	6(M-R)		6(M-R)		6(M-R)		7(M-S)	7(M-S)	7(M-S)	
2	7(M-S)			7(M-S)	6(M-R)		6(M-R)		5(N-R)		7(M-S)	7(M-S)	7(M-S)	
3	6(N-S)			5(N-R)	5(N-R)		5(N-R)		5(N-R)		7(M-S)	7(M-S)	6(N-S)	
4	5(N-R)			5(N-R)	5(N-R)		3(O-Q)		3(O-Q)		7(M-S)	7(M-S)	5(N-R)	
5	3(O-Q)			3(O-Q)	3(O-Q)		0		0		6(N-S)	6(N-S)	4(O-R)	
6	0			0	0		0		0		3(O-Q)	3(O-Q)	1(P)	
SINGLE STACK TOTAL	28			27	25		20		19		37	37	30	
NUMBER OF STACKS	4	7	11	11	4	10	4	10	4	10	12	10	7	12
"A" STACK TOTAL	112	196	308	297	100	250	80	200	76	190	444	370	210	360
"C" STACK CONFIGURATION - RIGHT SIDE														
"C" STACK RT TOTAL	2			2	1		1		1		2	2	2	
"C" STACK CONFIGURATION - LEFT SIDE														
LAYER	CONTAINERS PER LAYER													
1	2(T-U)			2(T-U)	2(T-U)		2(T-U)		2(T-U)		2(T-U)	2(T-U)	2(T-U)	
2	2(T-U)			2(T-U)	2(T-U)		2(T-U)		1(U)		2(T-U)	2(T-U)	2(T-U)	
3	1(U)			1(U)	1(U)		1(U)		1(U)		2(T-U)	2(T-U)	1(U)	
4	1(U)			1(U)	1(U)		0		0		2(T-U)	2(T-U)	1(U)	
5	0			0	0		0		0		1(U)	1(U)	0	
SINGLE STACK TOTAL	6			6	6		5		4		9	9	6	
NUMBER OF STACKS	1			1	1		1		1		1	1	1	
"C" STACK LF TOTAL	6			6	6		5		4		9	9	6	

SPECIAL NOTES:

1. THE FOLLOWING NOTES, CHART 1 ON PAGE 6 AND CHART 2 ON PAGE 7 ARE PRESENTED AS GUIDANCE IN THE SELECTION OF A STORAGE PATTERN, AND IN DETERMINING THE QUANTITY OF CONTAINERS WHICH CAN BE STORED IN THE STORAGE MAGAZINES LISTED IN THE CHARTS MENTIONED ABOVE.
2. CHART 1 ON PAGE 6 DESCRIBES THE STORAGE MAGAZINE GENERAL DIMENSIONS AND THE DIMENSIONS OF THE CONTAINER SPACING WITHIN THE STORAGE MAGAZINES.
3. DIMENSIONS "A", "B" AND "C" HAVE BEEN OMITTED TO AVOID CONFUSION WITH STACKS "A", "B" AND "C".
4. CHART 2 ON PAGE 7 DETAILS THE QUANTITY OF CONTAINERS IN EACH TYPE OF MAGAZINE AND THE LAYOUT OF THE STACKS FOR EACH TYPE OF MAGAZINE. THE CHART SHOWS THE NUMBER OF CONTAINERS IN EACH STACK LAYER AND THE LOCATION OF THE CONTAINER ON EACH LAYER.

(CONTINUED AT RIGHT)

EXAMPLE:

CHART 2 – "C" STACK CONFIGURATION – RIGHT SIDE
MAGAZINE: STRADLEY

LAYER NUMBER 1: 2 (T-U)
LAYER NUMBER 2: 2 (T-U)
LAYER NUMBER 3: 2 (T-U)
LAYER NUMBER 4: 2 (T-U)
LAYER NUMBER 5: 1 (U)

EXPLANATION:

LAYER 1 (BOTTOM LAYER) HAS TWO CONTAINERS FROM THE "T" COLUMN (NEAREST THE LEFT SIDE OF THE MAGAZINE) TO THE "U" COLUMN.

LAYER 2 (ON TOP OF LAYER 1) HAS TWO CONTAINERS FROM THE "T" COLUMN (NEAREST THE LEFT SIDE OF THE MAGAZINE) TO THE "U" COLUMN.

LAYER 3 (ON TOP OF LAYER 2) HAS TWO CONTAINERS FROM THE "T" COLUMN (NEAREST THE LEFT SIDE OF THE MAGAZINE) TO THE "U" COLUMN.

LAYER 4 (ON TOP OF LAYER 3) HAS TWO CONTAINERS FROM THE "T" COLUMN (NEAREST THE LEFT SIDE OF THE MAGAZINE) TO THE "U" COLUMN.

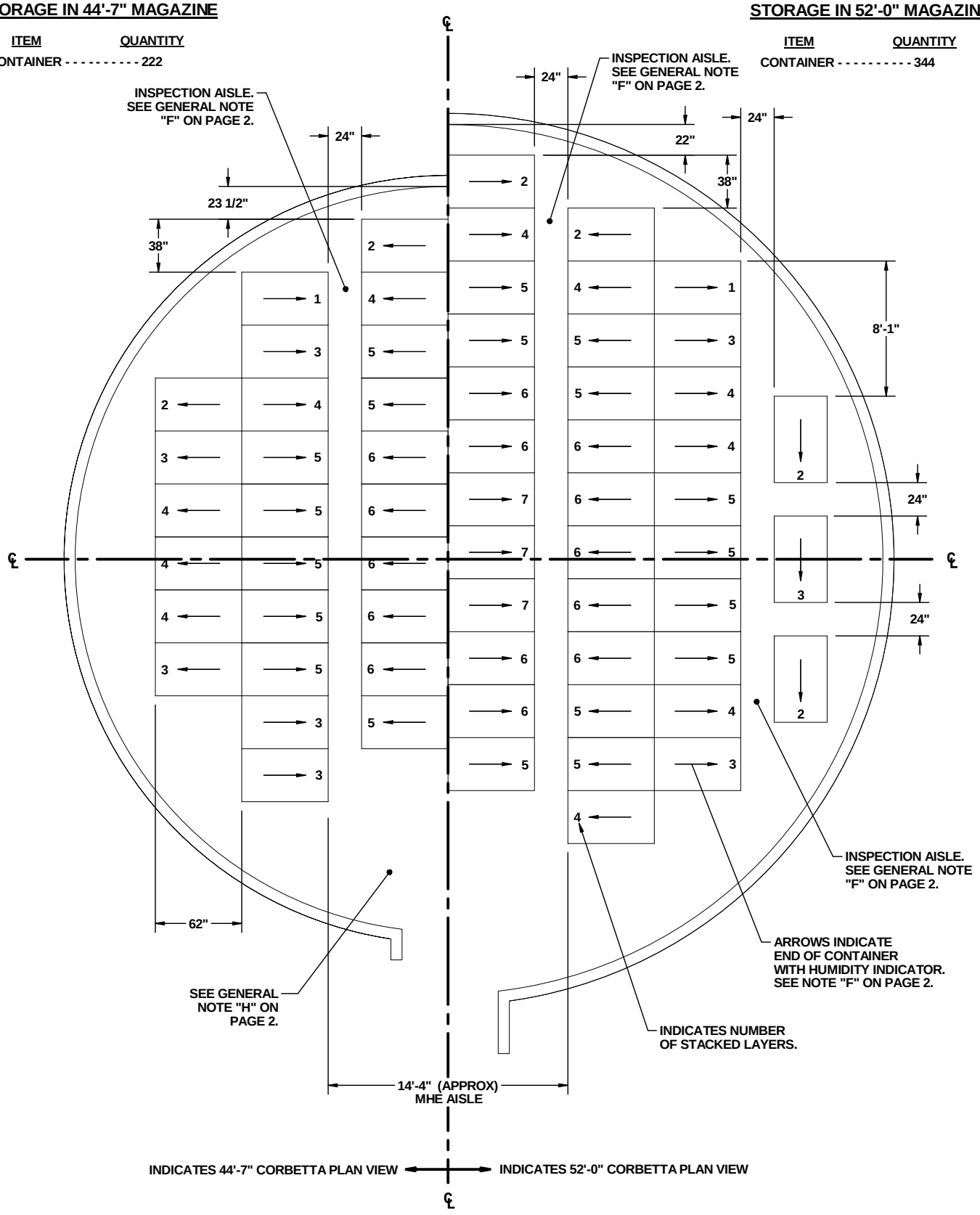
LAYER 5 (ON TOP OF LAYER 4) HAS ONE CONTAINER AT THE "U" COLUMN.

STORAGE IN 44'-7" MAGAZINE

ITEM	QUANTITY
CONTAINER	222

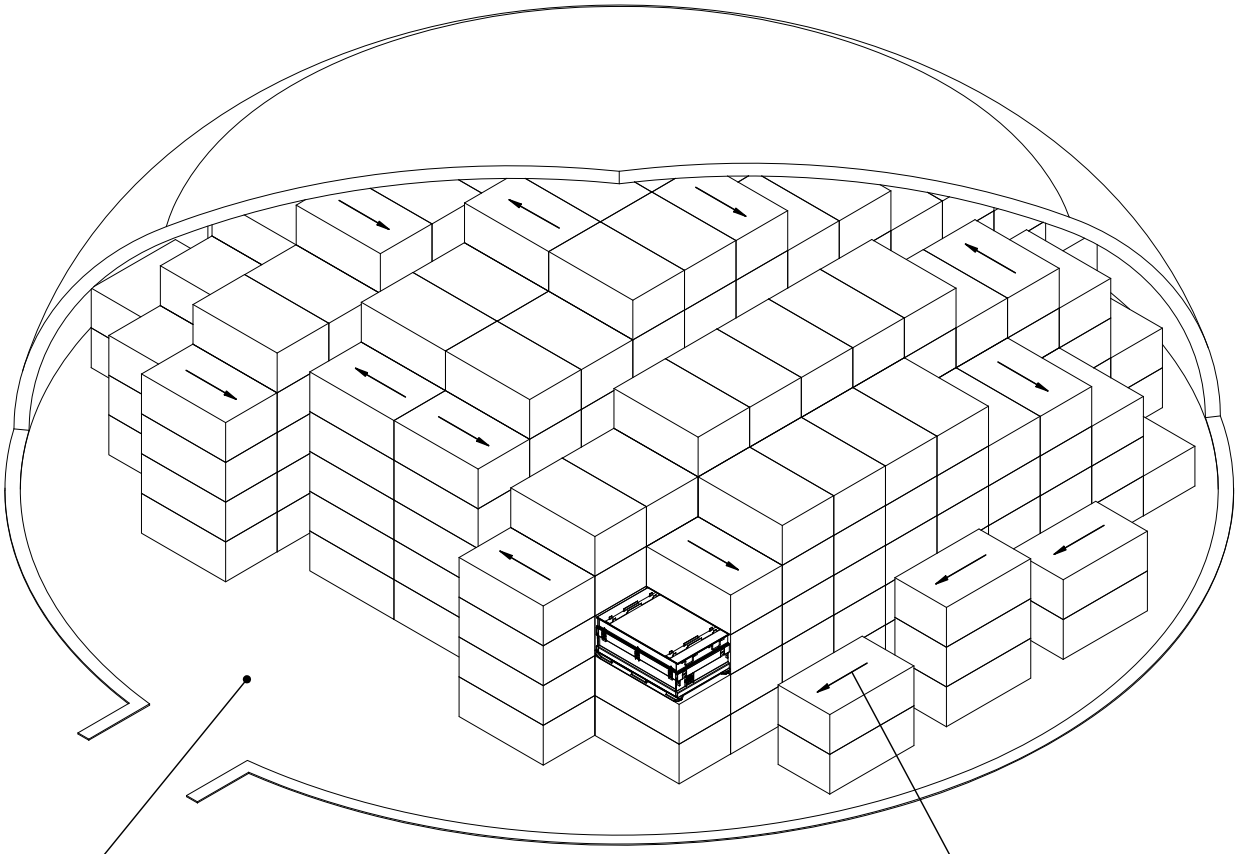
STORAGE IN 52'-0" MAGAZINE

ITEM	QUANTITY
CONTAINER	344



PLAN VIEW

THE RIGHT HAND PLAN VIEW INDICATES A 52'-0" CORBETTA MAGAZINE, AND THE LEFT HAND PLAN VIEW INDICATES A 44'-7" CORBETTA MAGAZINE. BOTH SIZE MAGAZINE LAYOUTS ARE SYMMETRICAL AROUND THE VERTICAL CENTER LINE.



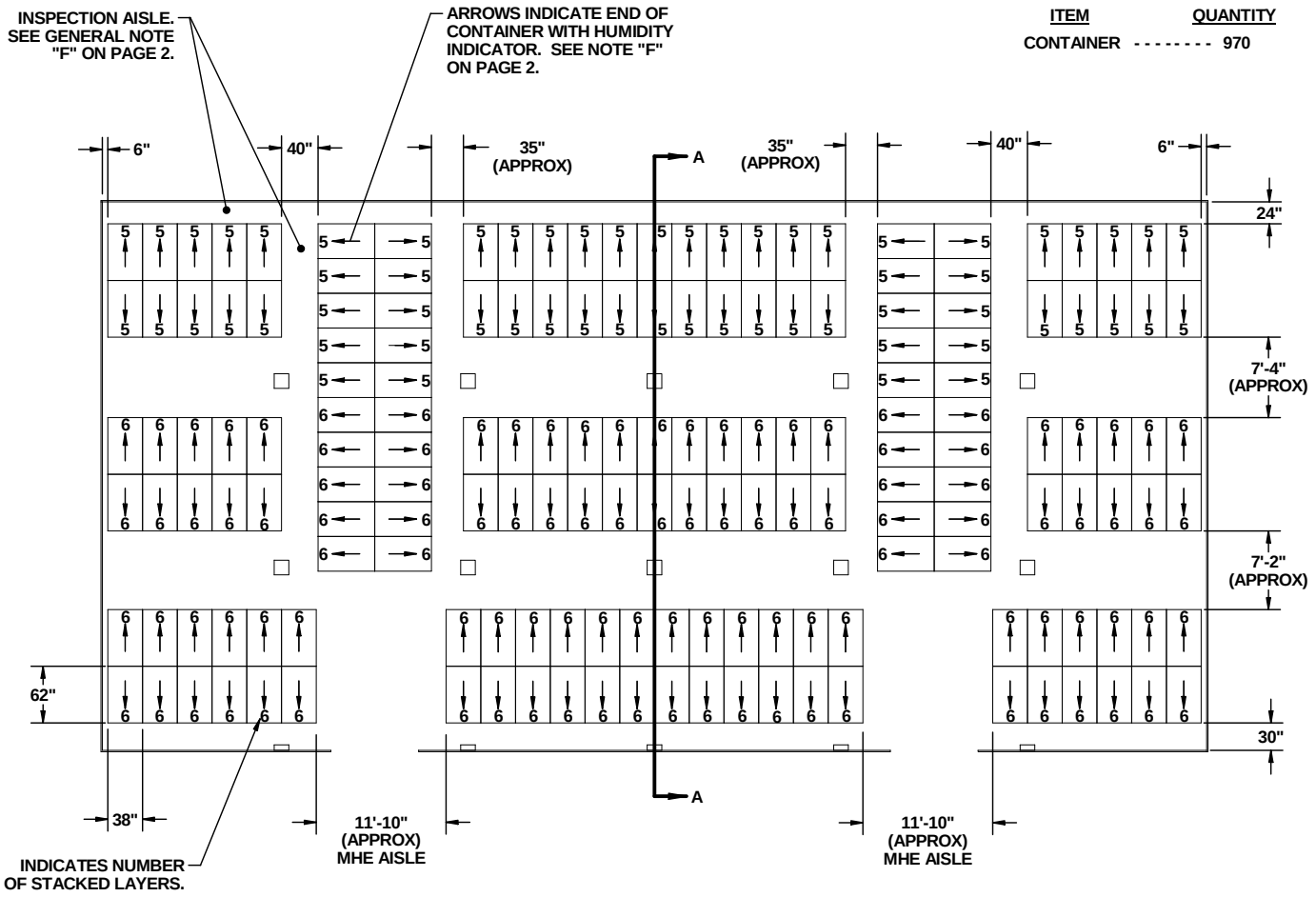
SEE GENERAL NOTE "H" ON PAGE 2.

ARROWS INDICATE END OF CONTAINER WITH HUMIDITY INDICATOR. SEE NOTE "F" ON PAGE 2.

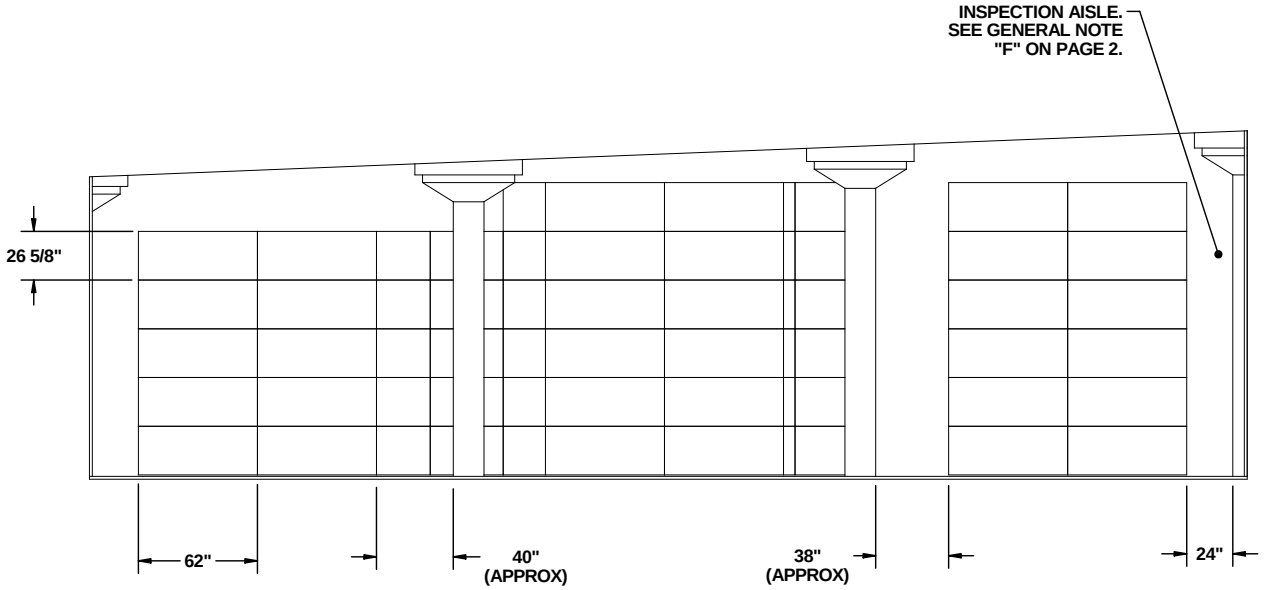
ISOMETRIC VIEW

(52' - 0" DIA MAGAZINE)

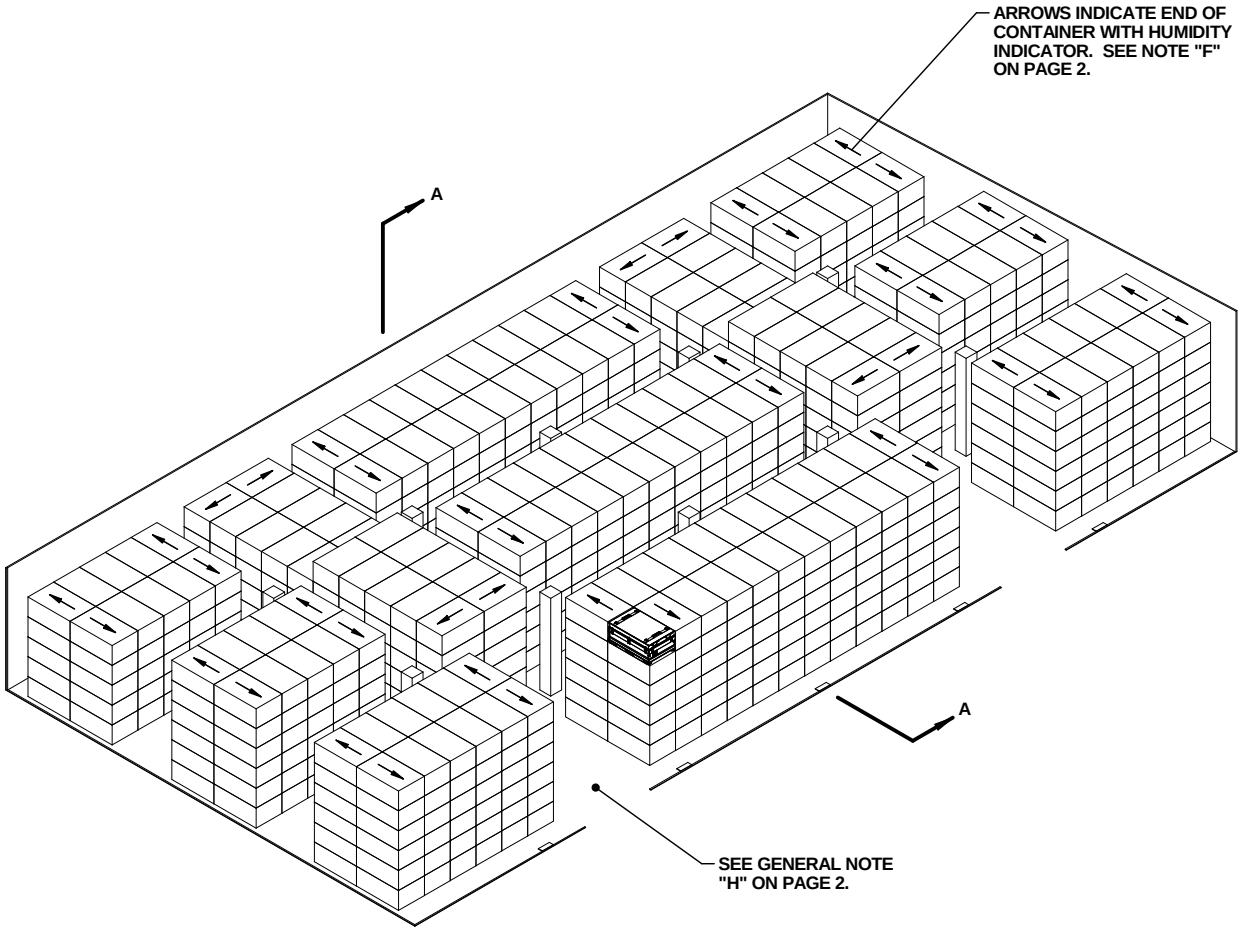
ITEM	QUANTITY
CONTAINER	970



PLAN VIEW

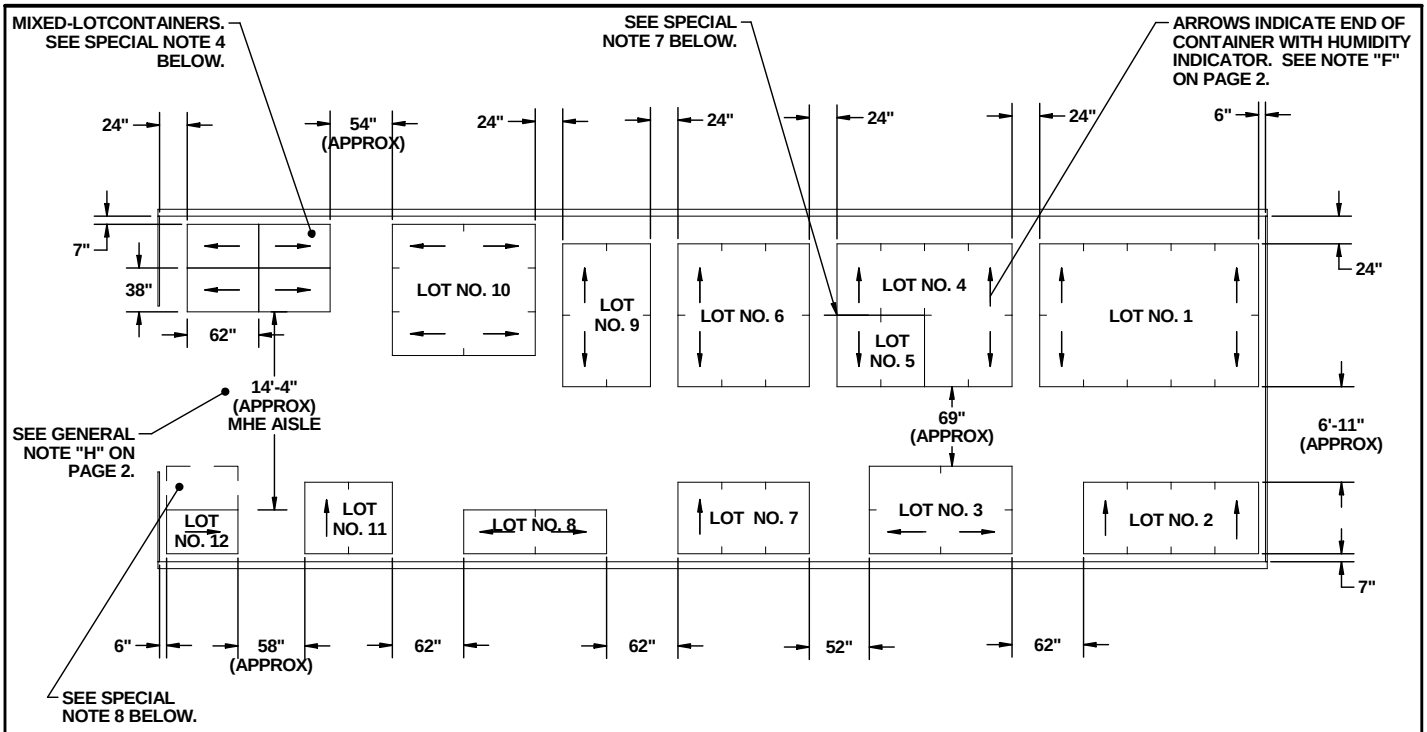


SECTION A-A



ISOMETRIC VIEW

(50'-0" MAGAZINE)



PLAN VIEW

SPECIAL NOTES:

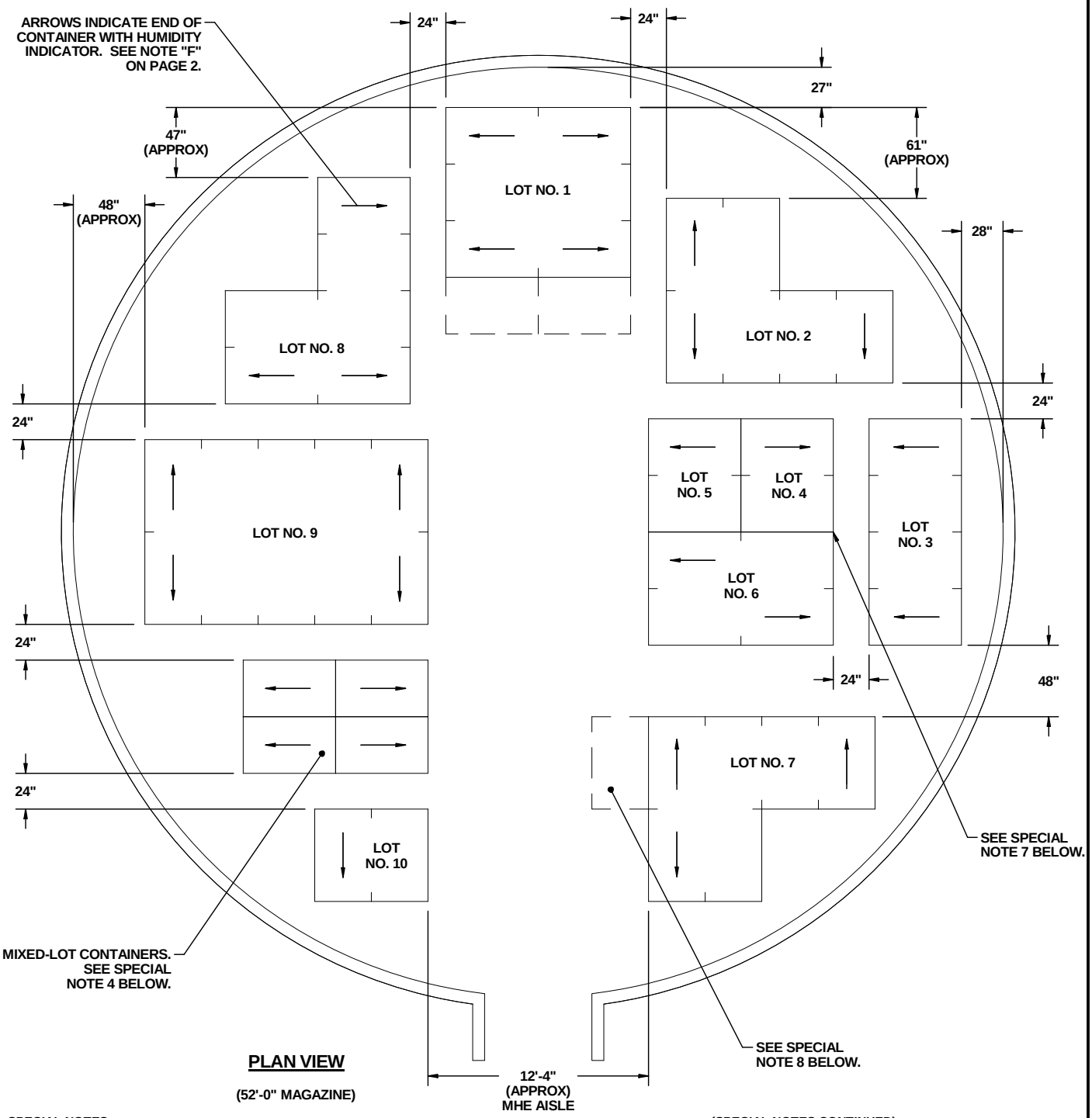
1. THE STORAGE PLAN SHOWN IN THIS PAGE IS TYPICAL ONLY, AND APPLIES TO NUMEROUS LOTS. ADAPTATIONS MAY BE MADE AS REQUIRED TO ACCOMMODATE NUMBER AND SIZES OF LOTS TO BE STORED.
2. AN INSPECTION/INVENTORYAISLE NOT LESS THAN 24" WIDE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SIDE OF THE MAGAZINE. HOWEVER, THESE AREAS MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT CONTAINER MAY HAVE TWO LOTS PER CONTAINER. HOWEVER, BOTH LOTS WITHIN THE CONTAINER MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. CONTAINERS OF A SINGE-LOT OR MIXED-LOT CONTAINERS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN 12 "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THE SINGLE-LOT OR MIXED-LOT CONTAINER. A "LIFT" MAY CONSIST OF ONE OR MORE CONTAINERS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
6. FOR STORAGE OF MULTIPLE LOTS, THE DISTANCE FROM THE SIDEWALL WILL BE BASED ON THE OVERHEAD CLEARANCE REQUIRED FOR MHE.
7. WHEN TWO LOTS ARE STORED ADJACENT TO EACH OTHER, THEY SHOULD BE SEPARATED BY AT LEAST 1" TO PROVIDE CLEARANCE FOR REMOVAL OF EITHER LOT.
8. THE MHE AISLE MAY BE USED TO STORE ONE OR MORE STACKS OF ADDITIONAL LOTS OR ADDITIONAL UNITS THAT ARE FROM A LOT ADJACENT TO THE MHE AISLE. ADEQUATE SPACE FROM MHE OPERATION MUST BE MADE AVAILABLE FOR THE ADDITIONAL STORAGE. ALSO, COMPLIANCE WITH ALL MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED.

TYPICAL MULTIPLE-LOT STORAGE IN ARCHED OR ROUNDED ROOF MAGAZINE



PLAN VIEW

(52'-0" MAGAZINE)

SPECIAL NOTES:

1. THE STORAGE PLAN SHOWN IN THIS PAGE IS TYPICAL ONLY, AND APPLIES TO NUMEROUS LOTS. ADAPTATIONS MAY BE MADE AS REQUIRED TO ACCOMMODATE NUMBER AND SIZES OF LOTS TO BE STORED.
2. AN INSPECTION/INVENTORYAISLE NOT LESS THAN 24" WIDE MUST BE PROVIDED AT ONE SIDE OR END OF EACH LOT.
3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SIDE OF THE MAGAZINE. HOWEVER, THESE AREAS MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE SIDE OF THE MAGAZINE, AND EACH LOT MUST BE ACCESSIBLE FOR REMOVAL AND INSPECTION/INVENTORY IN ACCORDANCE WITH OTHER CRITERIA SPECIFIED IN THESE SPECIAL NOTES AND IN THE GENERAL NOTES ON PAGE 2.
4. A MIXED-LOT CONTAINER MAY HAVE TWO LOTS PER CONTAINER. HOWEVER, BOTH LOTS WITHIN THE CONTAINER MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

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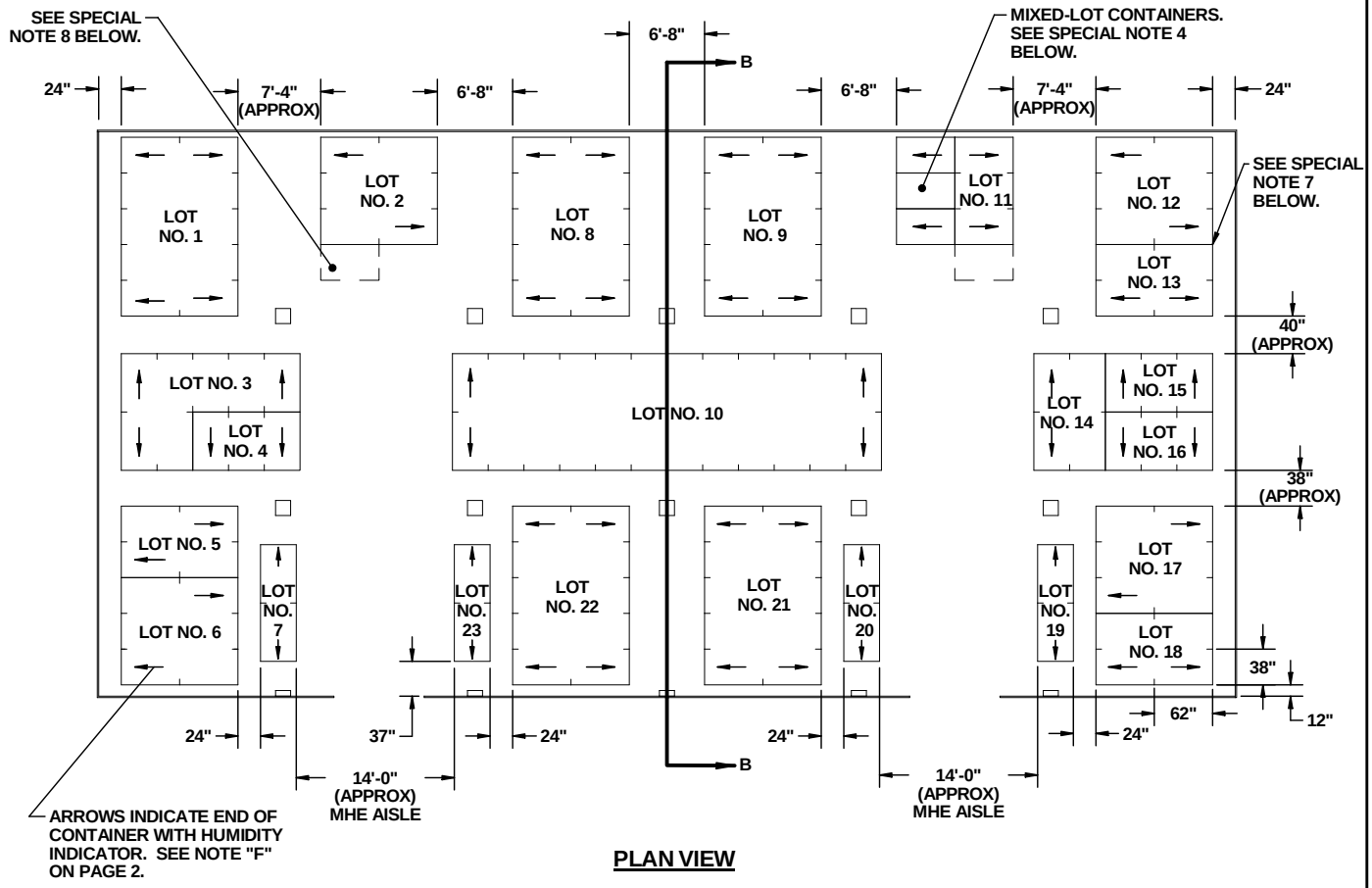
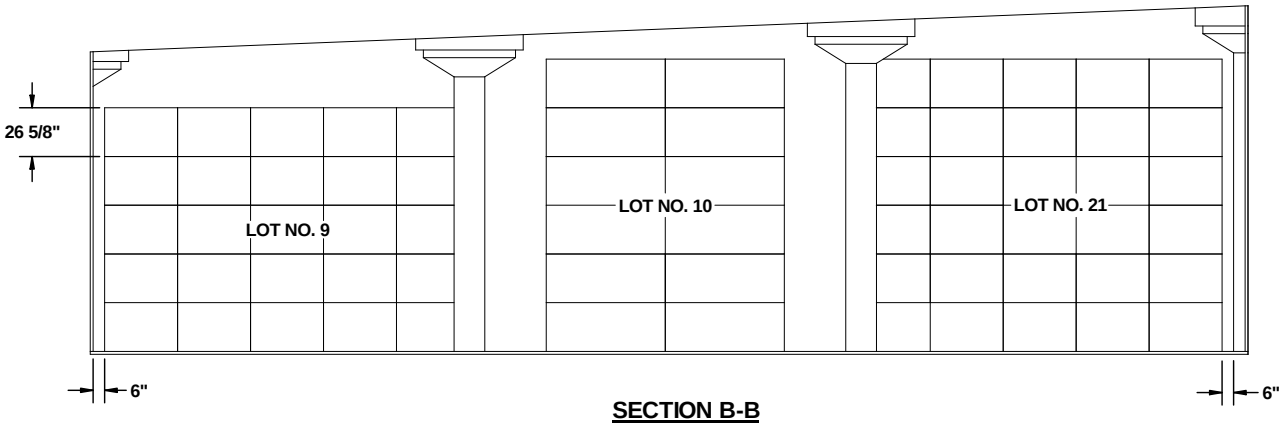
TYPICAL MULTIPLE-LOT STORAGE IN CORBETTA MAGAZINE



PLAN VIEW



SECTION B-B

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(CONTINUED AT RIGHT)

(SPECIAL NOTES CONTINUED)

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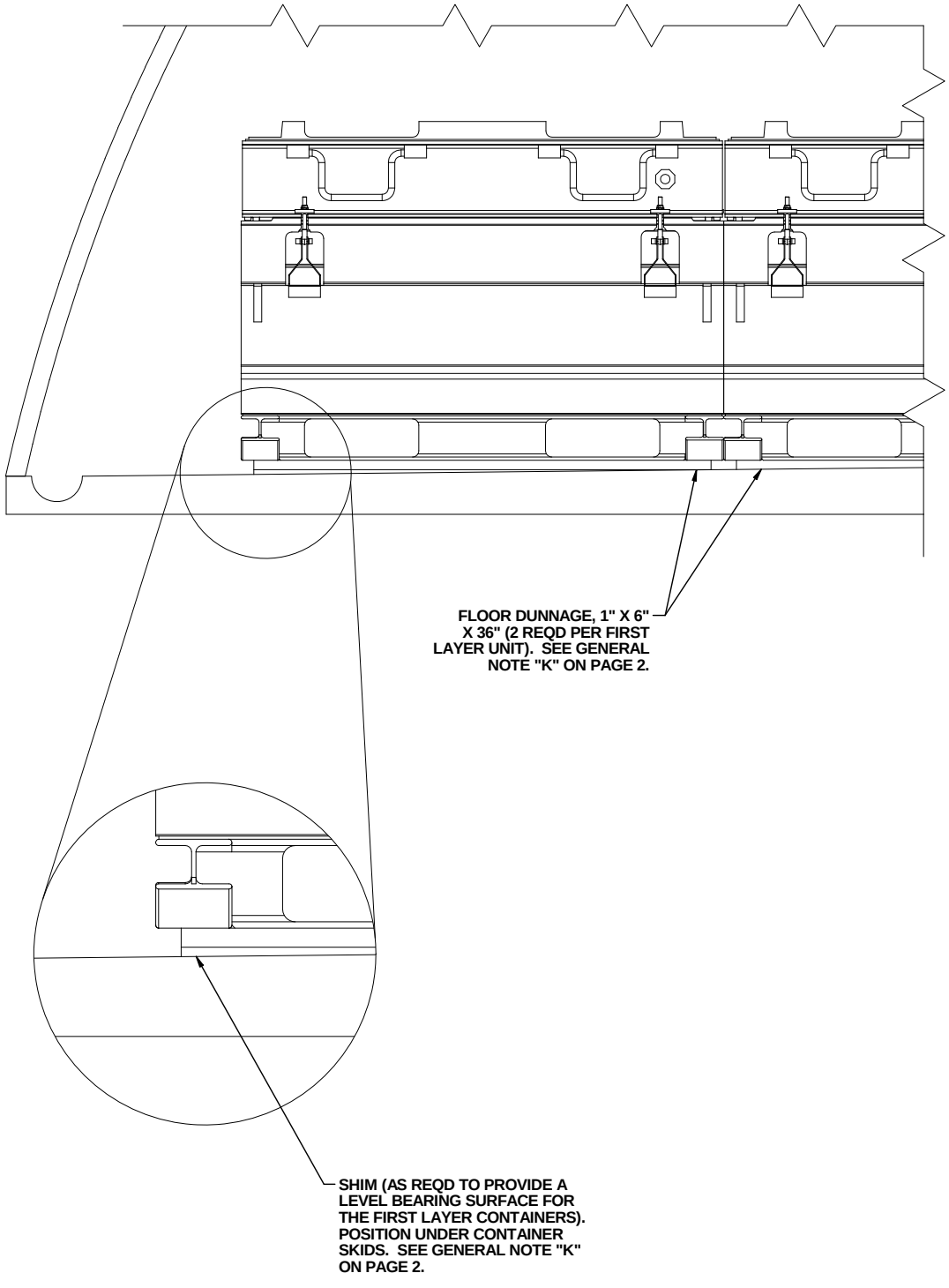
TYPICAL MULTIPLE-LOT STORAGE IN A RECTANGULAR MAGAZINE



FLOOR DUNNAGE AND SHIM LOCATION DETAILS