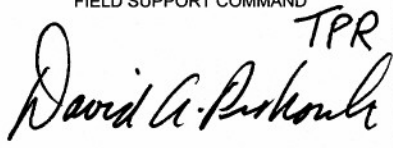

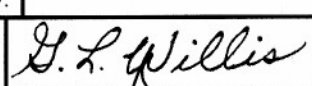
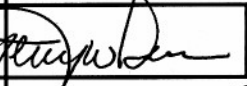



STORAGE IN APPROVED MAGAZINES OF 2.75" PRACTICE HYDRA ROCKETS PACKED 4 PER PA150 CYLINDRICAL METAL CONTAINERS UNITIZED 12 PER 29-1/4" X 78-1/2" SPECIAL 4-WAY ENTRY WOODEN PALLETS

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U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY FIELD SUPPORT COMMAND		CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 24.			
 AMSRD-AAR-AIL-TP					
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND  U.S. ARMY DEFENSE AMMUNITION CENTER		DO NOT SCALE		MARCH 2005	
		ENGINEER OR TECHNICIAN	BASIC REV.	ADIN FELICIANO	
TRANSPORTATION ENGINEERING DIVISION VALIDATION ENGINEERING DIVISION ENGINEERING DIRECTORATE		 G. L. Willis		TESTED	
		 [unintelligible]		CLASS	DIVISION
		 [unintelligible]		19	48
				4335/60	1-3-4-14- 22PM1007

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 HYDRA ROCKET PALLET UNITS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR ADJUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAGAZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOLLOWED.
- C. THE STORAGE PROCEDURES SPECIFIED HEREIN ARE APPLICABLE FOR THE 2.75" HYDRA ROCKET, PACKED 4 PER PA150 CYLINDRICAL METAL CONTAINER, UNITIZED 12 PER 78-1/2" LONG BY 29-1/2" WIDE SPECIAL WOODEN PALLET. SUBSEQUENT REFERENCE TO PALLET UNIT MEANS THE PALLET UNIT WITH THE ROCKETS.
- D. FOR PALLET UNIT DETAILS REFER TO U. S. ARMY AMC DRAWING 19-48-4326/60-20PM1012 AND PICTORIAL VIEW ON PAGE 3.
- E. **CAUTION:** THESE ITEMS ARE IN A "PROPULSIVE STATE" AND MUST BE STORED WITH THE NOSE END FACING TOWARD THE REAR WALL OR A SIDE WALL OF THE MAGAZINE NOT TOWARD THE DOOR/FRONT WALL.
- F. **CAUTION:** THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGAZINE IS NOT TO BE EXCEEDED. THIS LIMITATION MAY REQUIRE A REDUCTION FROM THE STORAGE AS SHOWN.
- G. STORED PALLET UNITS MUST NOT CONTACT THE SIDES OF A MAGAZINE. THEREFORE, PALLET UNITS MUST BE STORED A MINIMUM OF 6" FROM THE SIDEWALL OR CURVATURE OF THE MAGAZINE AS APPLICABLE. TO PROVIDE FOR THIS MANDATORY CLEARANCE REQUIREMENT, UNITS MAY BE ELIMINATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- H. AISLE DIMENSION SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS IN PALLET UNIT DIMENSIONS, AND/OR AVAILABLE MATERIALS HANDLING EQUIPMENT. ADDITIONAL UNITS MAY BE STORED WITHIN THE MHE AREA OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- J. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED WILL NOT BE EXCEEDED.
- K. THE HEIGHT OF THE PACKAGE GUARD ON SOME FORKLIFT TRUCKS MAY NOT PERMIT PLACEMENT OF SOME TOP LAYER UNITS IN THE STACKS SHOWN IN THE STORAGE VIEWS HEREIN, UNLESS TWO UPPER PALLET 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 PALLET UNITS AS ONE LIFT.
- L. THE USE OF "FLOOR DUNNAGE" IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAWING. THE PURPOSE OF FLOOR DUNNAGE IS TO KEEP THE BOTTOM DECKBOARDS OF A PALLET DRY, THUS AIDING IN PREVENTING DETERIORATION. THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR. ALSO, 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. **NOTE:** SOME VIEWS WITHIN THIS DRAWING WILL NOT DEPICT ALL FLOOR DUNNAGE THAT IS REQUIRED WHEN DUNNAGE IS USED. FLOOR DUNNAGE IS SHOWN AT SOME LOCATIONS TO PROVIDE POSITIONING GUIDANCE. SEE GENERAL NOTE "S" AT RIGHT.
- M. DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE.

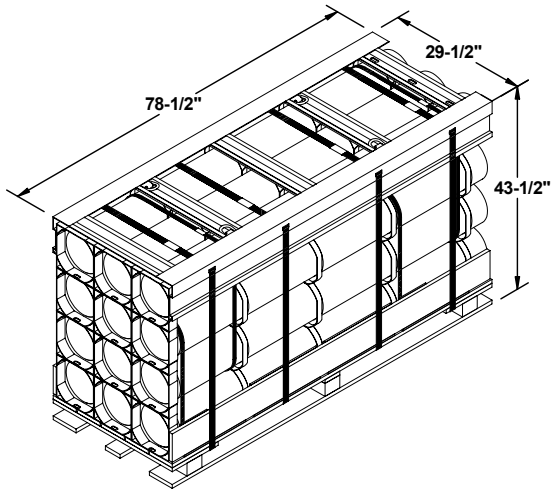
(CONTINUED AT RIGHT)

(GENERAL NOTES CONTINUED)

- N. STORAGE OF MULTIPLE LOTS IN A MAGAZINE WILL REQUIRE CAREFUL PRE-PLANNING 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 18 THRU 23.
- O. ALTHOUGH SPECIFIC PROCEDURES ARE INCLUDED IN THIS DRAWING FOR STORING MULTIPLE LOTS WITHIN ONE STRUCTURE, THE BASIC STORAGE PATTERN AS SHOWN ON PAGES 4 THRU 17 CAN ALSO BE ADAPTED FOR STORAGE MORE THAN ONE LOT, LOTS WHEN STORED IN ACCORDANCE WITH THE BASIC STORAGE PATTERN MAY BE STORED WITH ONE OR MORE ROWS USED FOR EACH LOT. A SPACE OF APPROXIMATELY 1" WILL HAVE TO BE LEFT BETWEEN ADJACENT ROWS CONTAINING DIFFERENT LOTS. IN BASIC STORAGE PATTERNS WHERE THE WIDTH OF A ROW IS ESTABLISHED BY THE 78-1/2" UNIT DIMENSION, EACH ROW MAY BE A DIFFERENT LOT AND READILY REMOVABLE. IN BASIC STORAGE PATTERNS WHERE THE WIDTH OF THE ROW IS ESTABLISHED BY THE 29-1/2" UNIT DIMENSION, A LOT MUST CONSIST OF TWO OR MORE ROWS TO PROVIDE ADEQUATE SPACE TO ACCOMMODATE THE WIDTH OF A FORKLIFT TRUCK FOR STORING OR REMOVING THE LOT. THE 1" SPACE BETWEEN LOTS, AS STATED ABOVE, WILL NOT BE EXCEEDED SOLELY TO ACCOMMODATE THE WIDTH OF A FORKLIFT TRUCK. FOR ADDITIONAL REQUIREMENTS AND GUIDANCE, SEE SPECIAL NOTES FOR MULTIPLE-LOT STORAGE ON PAGES 18 THRU 23.
- P. ANY "LIGHT" PALLET UNIT THAT DOES NOT CONTAIN A FULL QUANTITY OF ROCKETS (48) WILL NOT BE BURIED IN STORAGE; IT MUST BE POSITIONED ADJACENT TO AN AISLE, PREFERABLY IN FRONT OF THE LOT.
- Q. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALL, END WALLS, AND ROOFS HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- R. A PRODUCTION OR STORAGE FACILITY IS AUTHORIZED TO HAVE ONE INCOMPLETE, UN-BANDED PARTIAL UNIT LOAD 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 FILLER CONTAINERS AS DELINEATED BY DRAWING 19-48-4326/60-20PM1012. THE UNIT MUST BE REBANDED WITH THE SAME SIZE AND QUANTITY OF STRAPS AS THE ORIGINAL UNIT.
- S. IN IGLOO, ARCH TYPE AND STRADLEY MAGAZINES WHICH HAVE SLOPING FLOORS, THE DEPICTED STORAGE PATTERNS, IN SOME CASES, INCLUDE PALLET UNIT STACKS WHICH STRADDLE THE RIDGE OF THE FLOOR AT THE CENTER OF THE MAGAZINE. FLOOR DUNNAGE IN THE FORM OF SHIMS WILL BE USED AS REQUIRED TO ACHIEVE SOUND AND ACCEPTABLE STABLE STACKS.
- T. 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.
- U. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE, WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- V. WHEN LOCAL STORAGE CONDITIONS ARE SUCH THAT AN AMMUNITION STORAGE MAGAZINE NET EXPLOSIVE WEIGHT LIMIT WILL BE REACHED BEFORE ALL AVAILABLE STORAGE SPACE WILL BE UTILIZED, A COMBINATION OF THE VARIOUS STORAGE PATTERNS DELINEATED HEREIN MAY BE USED IN LIEU OF BLOCK STORAGE PATTERNS TO FACILITATE INVENTORY, INSPECTION, THE USE OF MATERIAL HANDLING EQUIPMENT, SURVEILLANCE, ETC., OF THE AMMUNITION TO BE STORED WITHIN THE MAGAZINE.

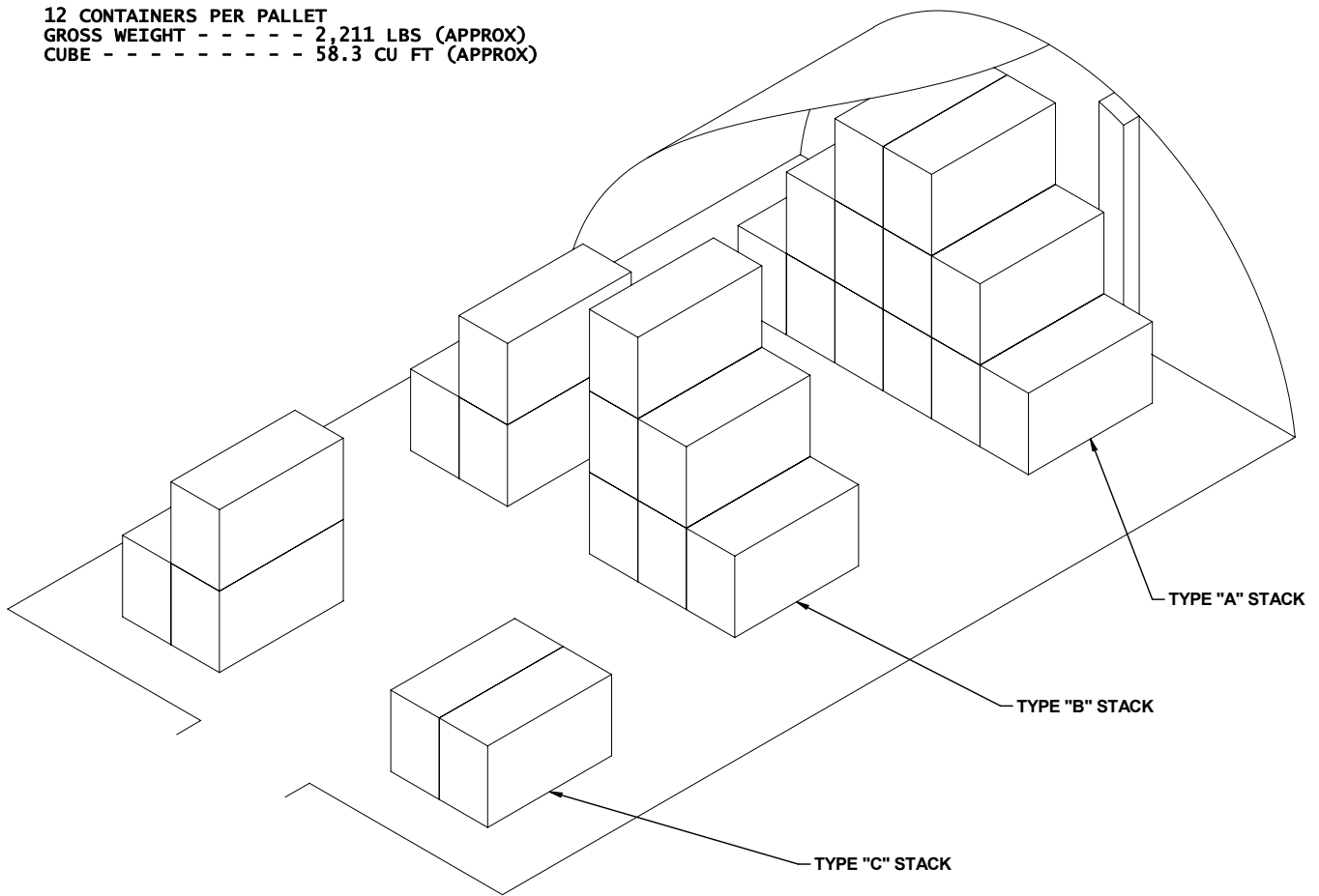
MATERIAL SPECIFICATIONS

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



PALLET UNIT

12 CONTAINERS PER PALLET
 GROSS WEIGHT - - - - - 2,211 LBS (APPROX)
 CUBE - - - - - 58.3 CU FT (APPROX)

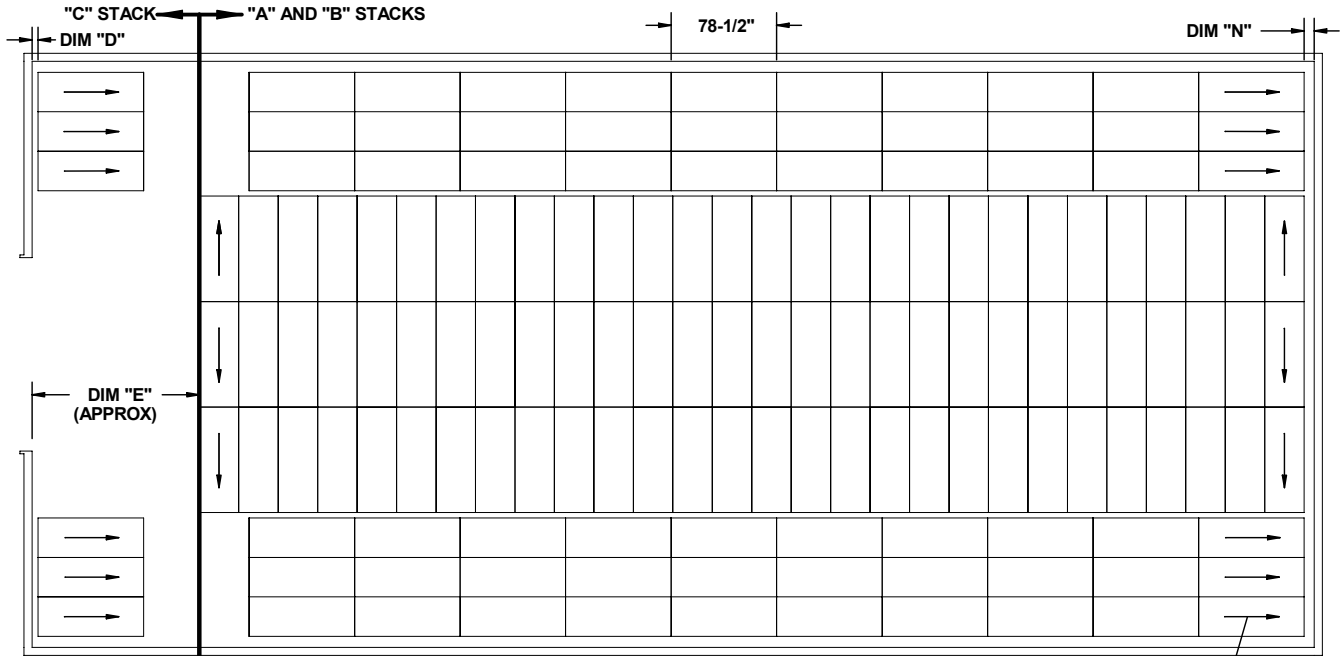


STACK IDENTIFICATION

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.



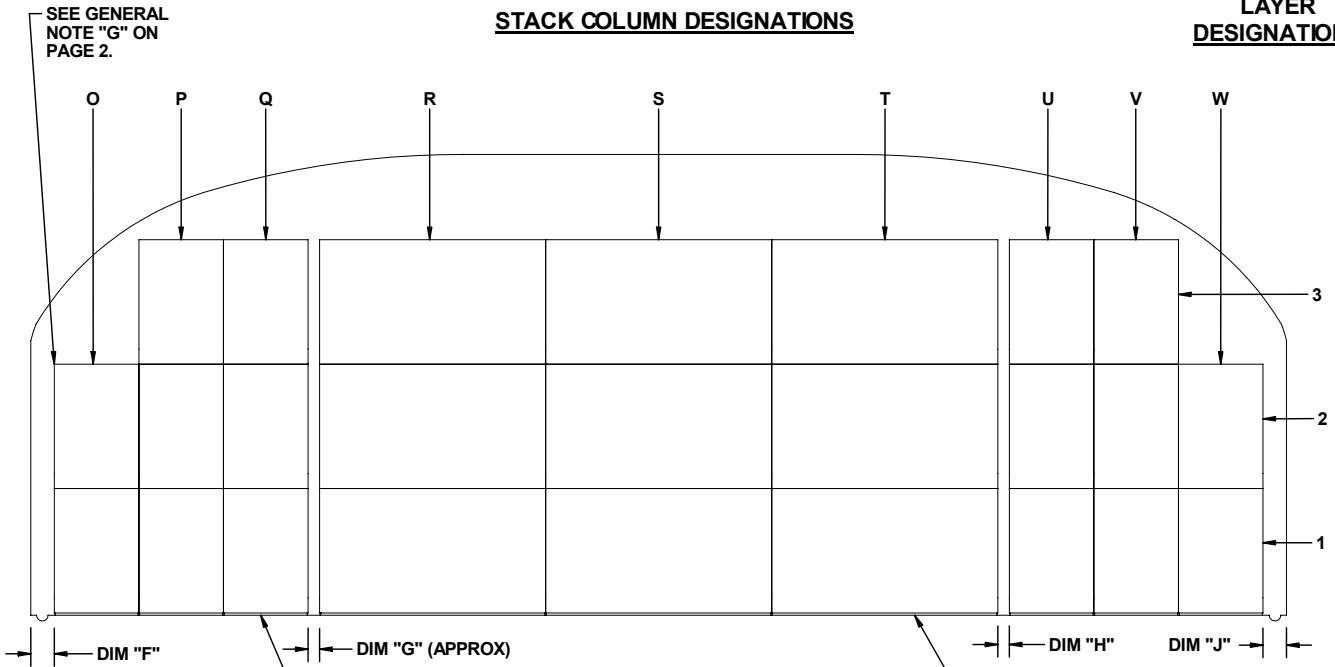
PLAN VIEW

THE MAGAZINE SHOWN ABOVE IS NOT TYPICAL AND IT IS FOR ILLUSTRATION PURPOSES ONLY.

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

STACK COLUMN DESIGNATIONS

STACK LAYER DESIGNATIONS



"A" STACK AND "B" STACK

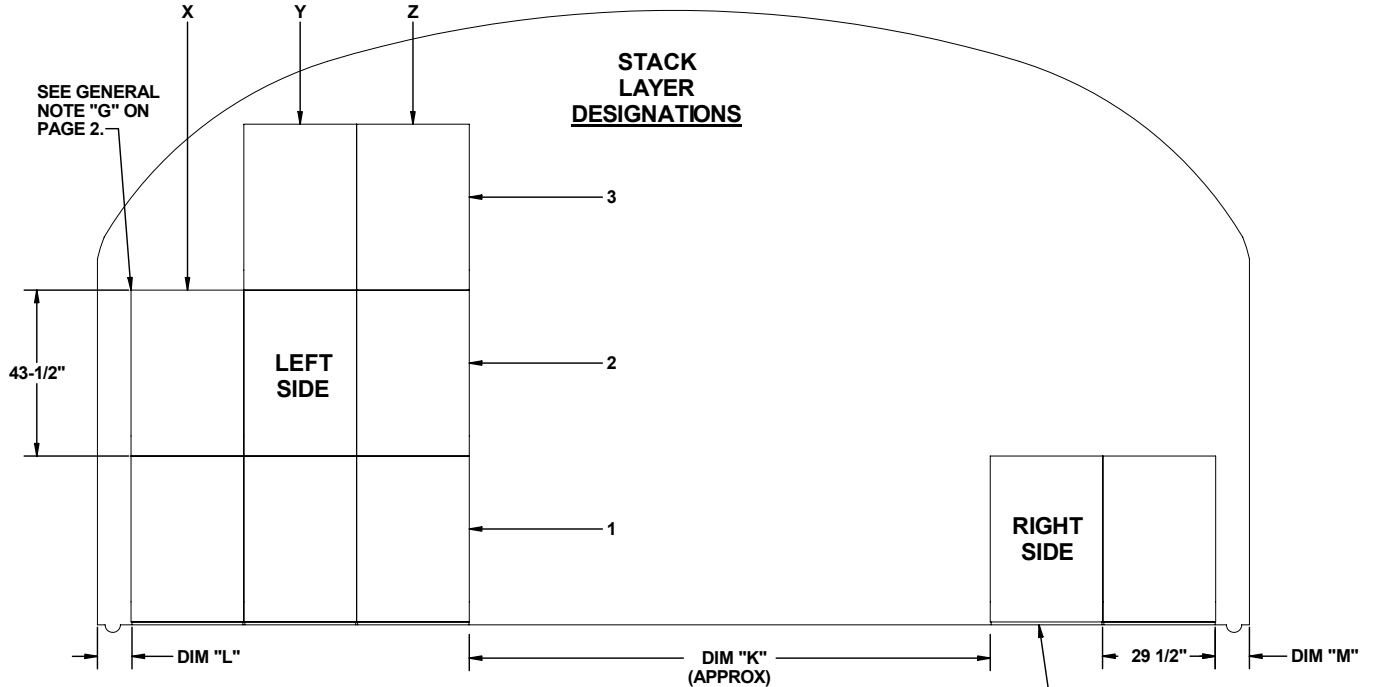
THE MAGAZINE SHOWN ABOVE IS NOT TYPICAL AND IT IS FOR ILLUSTRATION PURPOSES ONLY. SEE "STACK IDENTIFICATION" ON PAGE 3 AND "CHART 2-STACK CONFIGURATION" ON PAGE 7. FLOOR DUNNAGE IS SHOWN AS AN EXAMPLE ONLY.

FLOOR DUNNAGE, 1" X 6" X 29" (3 REQD PER FIRST LAYER UNIT). SEE GENERAL NOTE "L" ON PAGE 2.

FLOOR DUNNAGE, 1" X 6" X 6'-5" (2 REQD PER FIRST LAYER UNIT). SEE GENERAL NOTE "L" ON PAGE 2.

STACK COLUMN DESIGNATIONS

STACK LAYER DESIGNATIONS

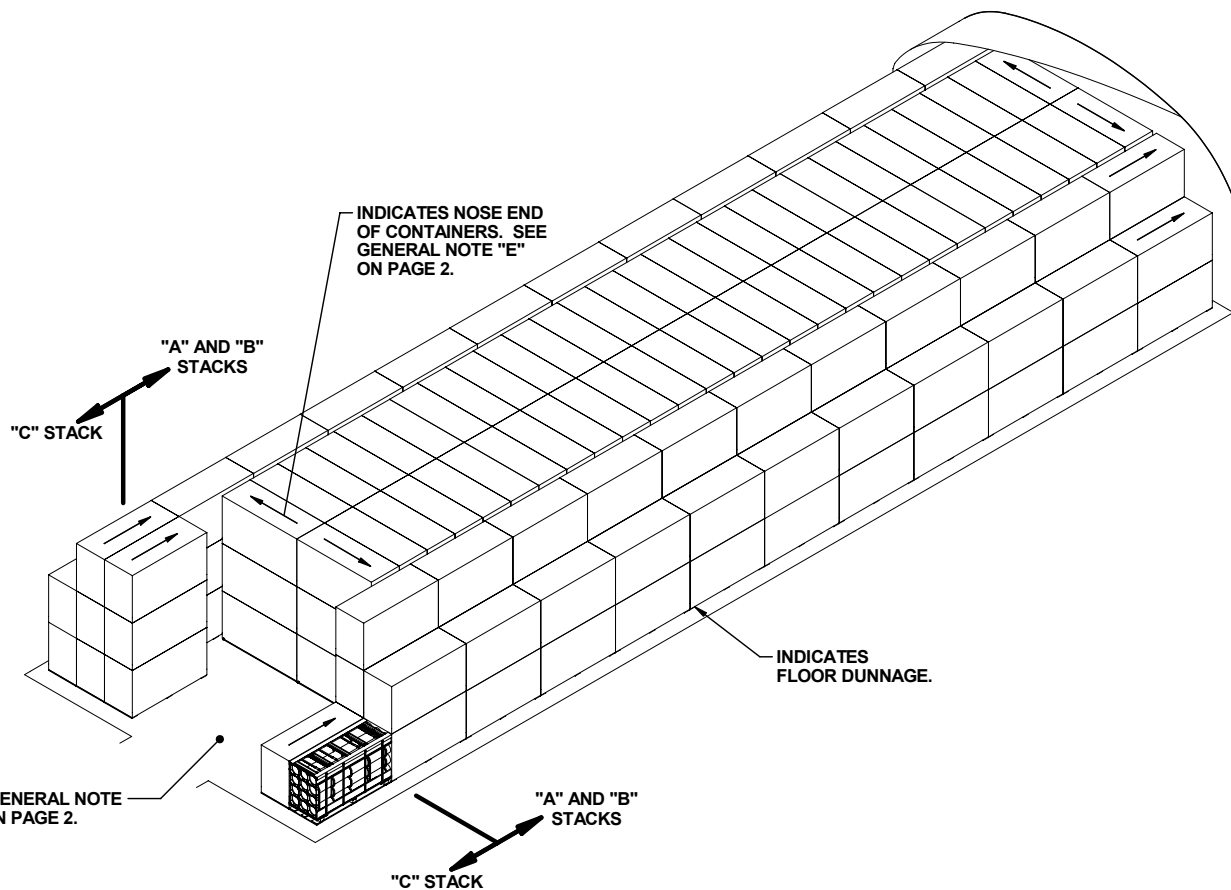


"C" STACK

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

FLOOR DUNNAGE, 1" X 6" X 29"
 (3 REQD PER FIRST LAYER UNIT).
 SEE GENERAL NOTE "L" ON
 PAGE 2.

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"	60'-8"	81'-0"	26'-6"	25'-0"						80'-0"	80'-0"	80'-0"	80'-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" ("C" STACK FRONT)	7"	15"	18"	19"	8 1/2"	6"	6"	12"	6"	12"	41"	6"	6"	41"
DIM "E" (M HE AISLE)	10'-4"	11'-0"	11'-8"	11'-2"	12'-3"	10'-0"	11'-10"	10'-2"	12'-9"	11'-0"	12'-3"	10'-8"	11'-9"	12'-3"
DIM "F" ("B" STACK LEFT)	14"	14"	14"	NA	12"	12"	26"	26"	28"	28"	7"	13"	6"	7"
DIM "G" ("A" TO "B" LEFT)	2"	2"	2"	NA	NA	NA	3"	3"	14"	14"	5"	0"	6"	5"
DIM "H" ("A" TO "B" RIGHT)	NA	NA	NA	2"	NA	NA	4"	4"	14"	14"	5"	0"	6"	5"
DIM "J" ("B" STACK RIGHT)	NA	NA	NA	24"	13"	13"	20"	20"	28"	28"	6"	12"	7"	7"
DIM "K" (M HE AISLE)	19'-3"	19'-3"	19'-3"	15'-4"	13'-0"	13'-0"	11'-2"	11'-2"	11'-8"	11'-8"	11'-7"	10'-8"	11'-8"	19'-5"
DIM "L" ("C" STACK LEFT)	14"	14"	14"	46"	12"	12"	26"	26"	44"	44"	7"	13"	6"	7"
DIM "M" ("C" STACK RIGHT)	13"	13"	13"	NA	13"	13"	20"	20"	28"	28"	6"	12"	7"	7"
DIM "N" ("A" STACK BACK)	6"	6"	6"	14"	6"	14"	14"	14"	6"	6"	6"	6"	6"	6"

CHART 2 - STACK CONFIGURATION

MAGAZINE TYPE

QUANTITY PER MAGAZINE	IGLOO			ARCH 12'	ARCH 12' X 25' W		ARCH 11'		ARCH 10'		OVAL ARCH	STRADLEY	STEEL ARCH	
	40'-4" L	60'-8" L	81'-0" L	26'-6" W	40'-0" L	80'-0" L	40'-0" L	80'-0" L	40'-0" L	80'-0" L			59'-0" L	89'-0" L
	91	150	209	195	85	211	74	184	56	138	316	288	164	248

"A" STACK CONFIGURATION

LAYER	CONTAINERS PER LAYER													
1	3(R-T)			2(R-S)	2(R-S)		2(R-S)		2(R-S)		2(R-S)	2(R-S)	2(R-S)	
2	3(R-T)			2(R-S)	2(R-S)		2(R-S)		2(R-S)		2(R-S)	2(R-S)	2(R-S)	
3	1(R)			1(R)	1(R)		0		0		2(R-S)	2(R-S)	2(R-S)	
4	0			0	0		0		0		0	0	0	
SINGLE STACK TOTAL	7			5	5		4		4		6	6	6	
NUMBER OF STACKS	12	20	28	28	11	28	11	28	11	28	31	28	19	31
"A" STACK TOTAL	84	140	196	140	55	140	44	112	44	112	186	168	114	168

"B" STACK CONFIGURATION - TO THE LEFT OF "A" STACK

LAYER	CONTAINERS PER LAYER													
1	1(O)			0	3(O-Q)		3(O-Q)		1(O)		2(O-P)	2(O-P)	2(O-P)	
2	0			0	2(O-P)		2(O-Q)		0		2(O-P)	2(O-P)	1(O)	
3	0			0	0		0		0		1(O)	1(O)	0	
4	0			0	0		0		0		0	0	0	
SINGLE STACK TOTAL	1			0	5		5		1		5	5	3	
NUMBER OF STACKS	5	8	11	0	4	10	4	11	4	11	12	11	7	12
"B" STACK TOTAL	5	8	11	0	20	55	20	55	4	11	60	55	21	36

"B" STACK CONFIGURATION - TO THE RIGHT OF "A" STACK

LAYER	CONTAINERS PER LAYER													
1	0			3(U-W)	1(U)		1(U)		1(U)		2(U-V)	2(U-V)	2(U-V)	
2	0			2(U-V)	0		0		0		2(U-V)	2(U-V)	1(U)	
3	0			0	0		0		0		1(U)	1(U)	0	
4	0			0	0		0		0		0	0	0	
SINGLE STACK TOTAL	0			5	1		1		1		5	5	3	
NUMBER OF STACKS	0	0	0	10	4	10	4	11	4	11	12	11	7	12
"B" STACK TOTAL	0	0	0	50	4	10	4	11	4	11	60	55	21	36

"C" STACK CONFIGURATION - LEFT SIDE

LAYER	CONTAINERS PER LAYER													
1	1(X)			3(X-Z)		3(X-Z)		2(X-Y)		3(X-Z)	3(X-Z)	3(X-Z)		
2	0			2(Y-Z)		2(Y-Z)		1(Y)		3(X-Z)	3(X-Z)	2(Y-Z)		
3	0			0		0		0		2(Y-Z)	2(Y-Z)	1(Z)		
4	0			0		0		0		0	0	0		
SINGLE STACK TOTAL	1			5		5		3		8	8	6		
NUMBER OF STACKS	1			1		1		1		1	1	1		
"C" STACK LF TOTAL	1			5		5		3		8	8	6		

"C" STACK CONFIGURATION - RIGHT SIDE

"C" STACK RT TOTAL	1	0	1	1	1	2	2	2
--------------------	---	---	---	---	---	---	---	---

SPECIAL NOTES:

- THE FOLLOWING NOTES, CHART 1 ON PAGE 6 AND CHART 2 ON THIS PAGE ARE PRESENTED AS GUIDANCE IN THE SELECTION OF A STORAGE PATTERN, AND IN DETERMINING THE QUANTITY OF UNITS WHICH CAN BE STORED IN THE STORAGE MAGAZINES LISTED IN THESE CHARTS.
- CHART 1 ON PAGE 6 DESCRIBES THE STORAGE MAGAZINE GENERAL DIMENSIONS AND THE DIMENSIONS OF THE CONTAINER SPACING WITHIN THE STORAGE MAGAZINES.
- DIMENSIONS "A", "B" AND "C" HAVE BEEN OMITTED TO AVOID CONFUSION WITH STACKS "A", "B" AND "C".
- CHART 2 ON THIS PAGE 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 CONTAINERS ON EACH LAYER.

EXAMPLE:

CHART 2 - "C" STACK CONFIGURATION - LEFT SIDE
MAGAZINE: STRADLEY

LAYER NUMBER 1: 3 (X-Z)
LAYER NUMBER 2: 3 (X-Z)
LAYER NUMBER 3: 2 (Y-Z)
LAYER NUMBER 4: 0

EXPLANATION:

LAYER 1 (BOTTOM LAYER) HAS THREE UNITS FROM THE "X" COLUMN (NEAREST THE DOOR ON THE LEFT SIDE OF THE MAGAZINE) TO THE "Z" COLUMN.

LAYER 2 (ON TOP OF LAYER 1) HAS THREE UNITS FROM THE "X" COLUMN (NEAREST THE DOOR ON THE LEFT SIDE OF THE MAGAZINE) TO THE "Z" COLUMN.

LAYER 3 (ON TOP OF LAYER 2) HAS TWO UNITS FROM THE "Y" COLUMN (MIDDLE COLUMN ON THE LEFT) TO THE "Z" COLUMN.

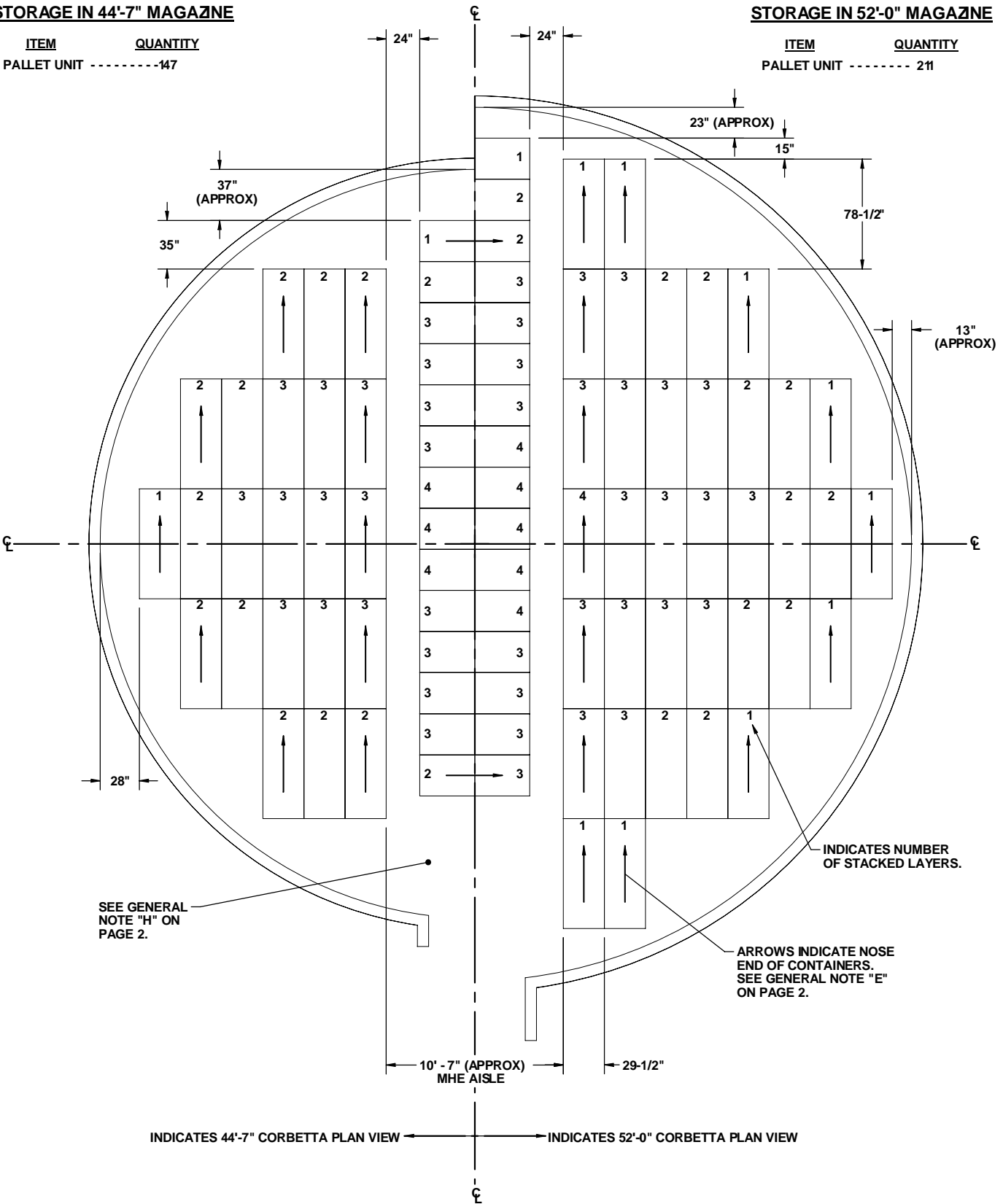
LAYER 4 (ON TOP OF LAYER 3) HAS NO UNITS.

STORAGE IN 44'-7" MAGAZINE

STORAGE IN 52'-0" MAGAZINE

ITEM QUANTITY
 PALLET UNIT -----147

ITEM QUANTITY
 PALLET UNIT ----- 211



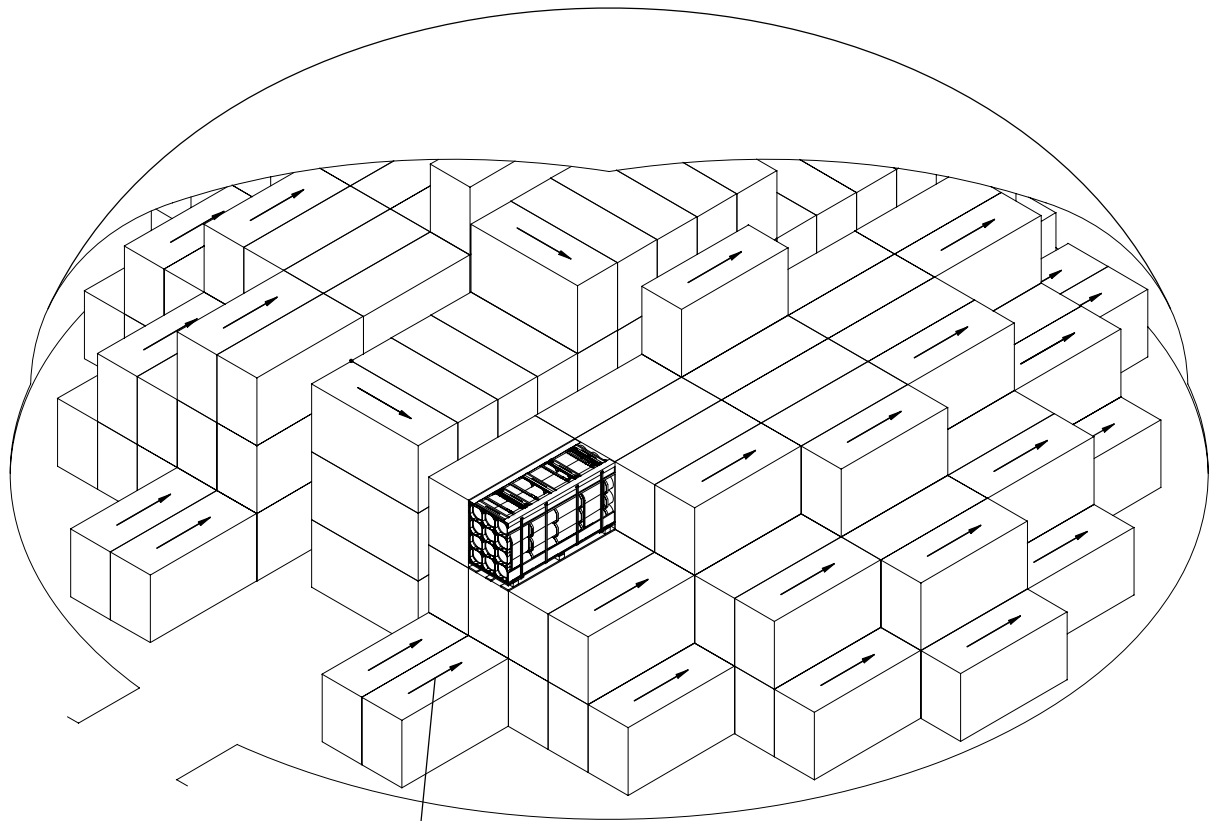
SEE GENERAL NOTE "H" ON PAGE 2.

ARROWS INDICATE NOSE END OF CONTAINERS. SEE GENERAL NOTE "E" ON PAGE 2.

INDICATES NUMBER OF STACKED LAYERS.

PLANVIEW

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 GEI
NOTE "H" ON
PAGE 2.

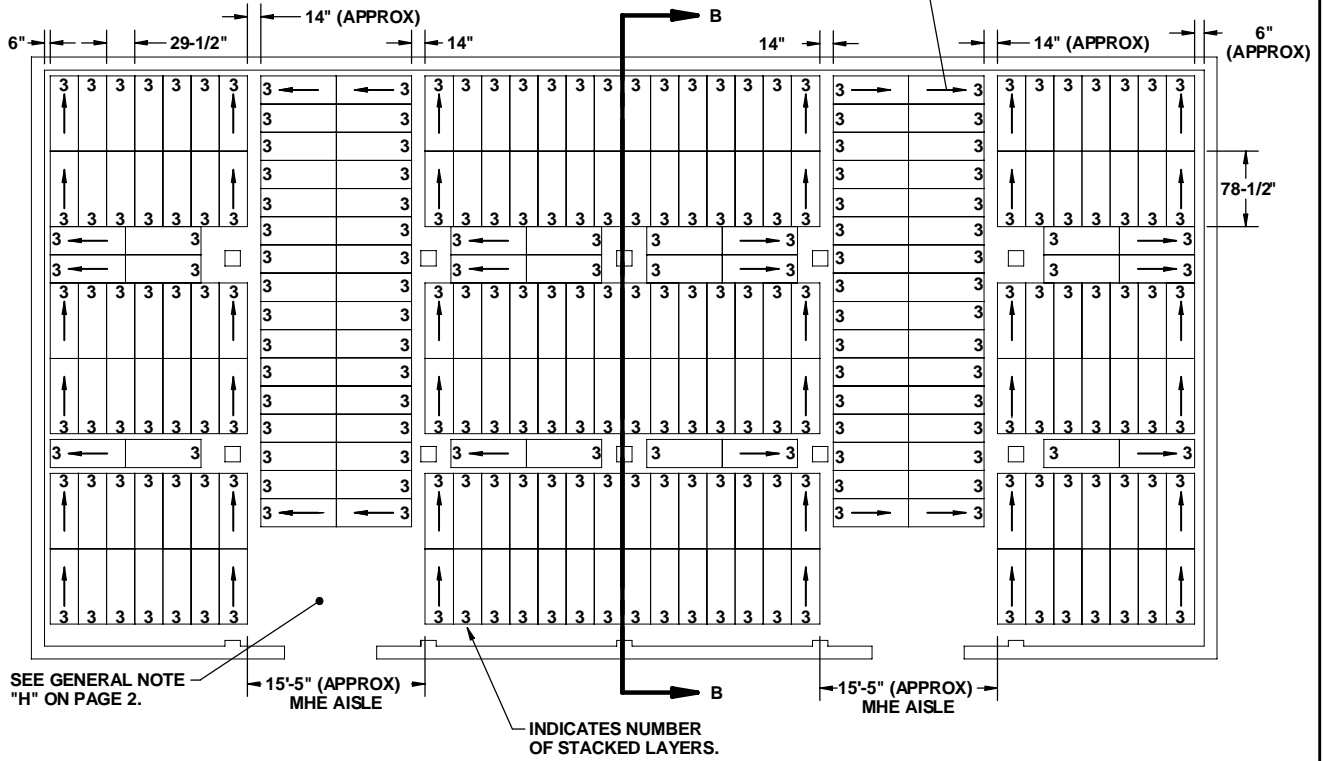
ARROWS INDICATE NOSE
END OF CONTAINERS.
SEE GENERAL NOTE "E"
ON PAGE 2.

ISOMETRIC VIEW
(52' - 0" DIA MAGAZINE)

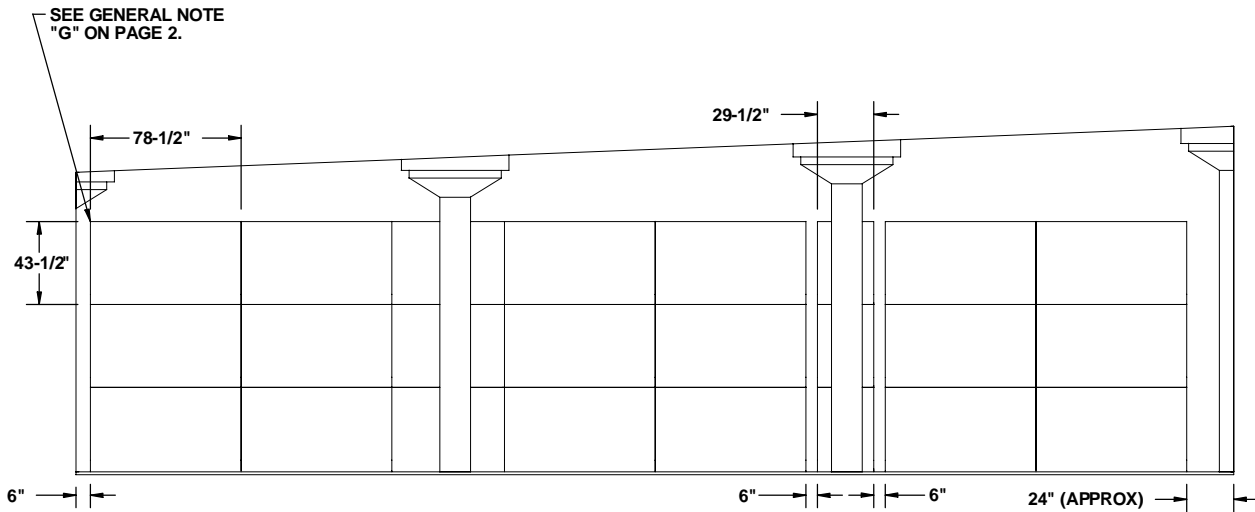
**STORAGE IN RECTANGULAR
MAGAZINE**

ITEM QUANTITY
PALLET UNIT ----- 78

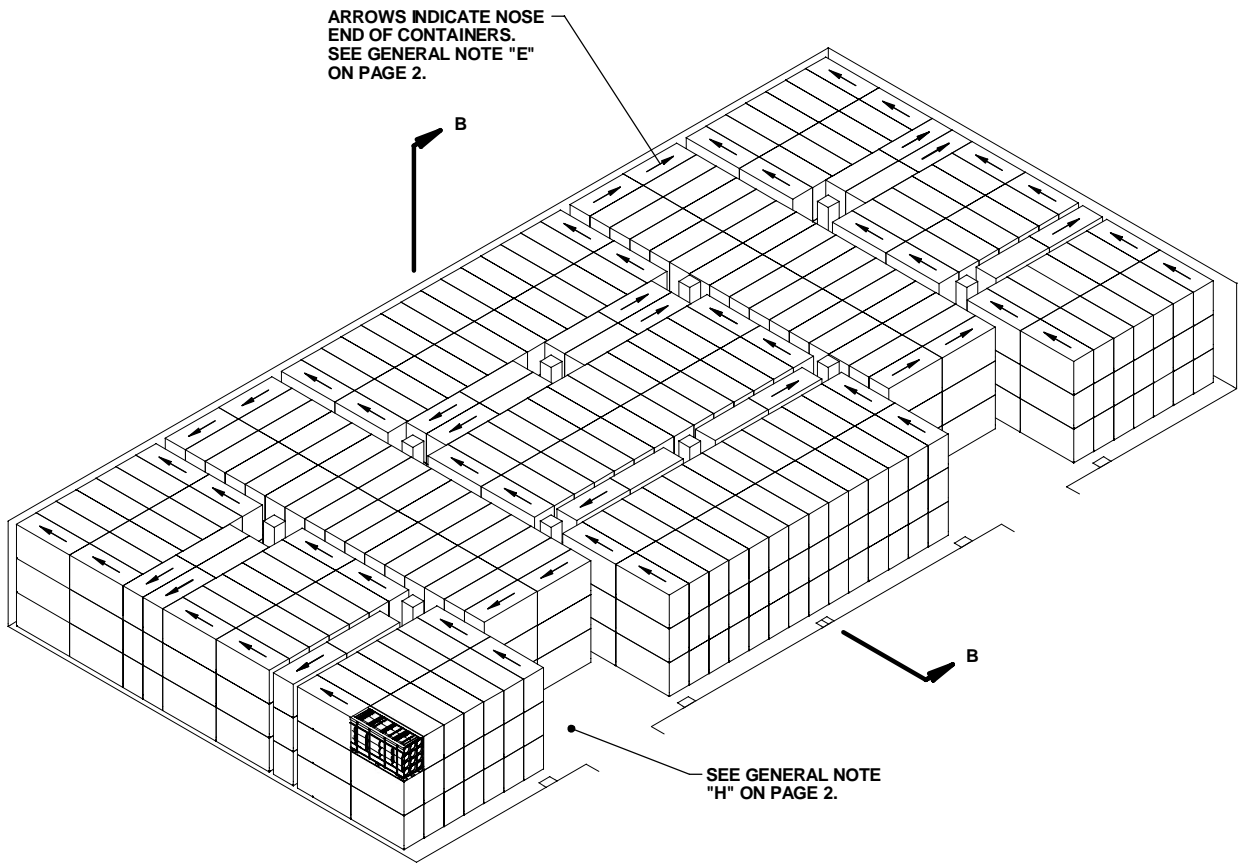
ARROWS INDICATE NOSE
END OF CONTAINERS.
SEE GENERAL NOTE "E"
ON PAGE 2.



PLAN VIEW



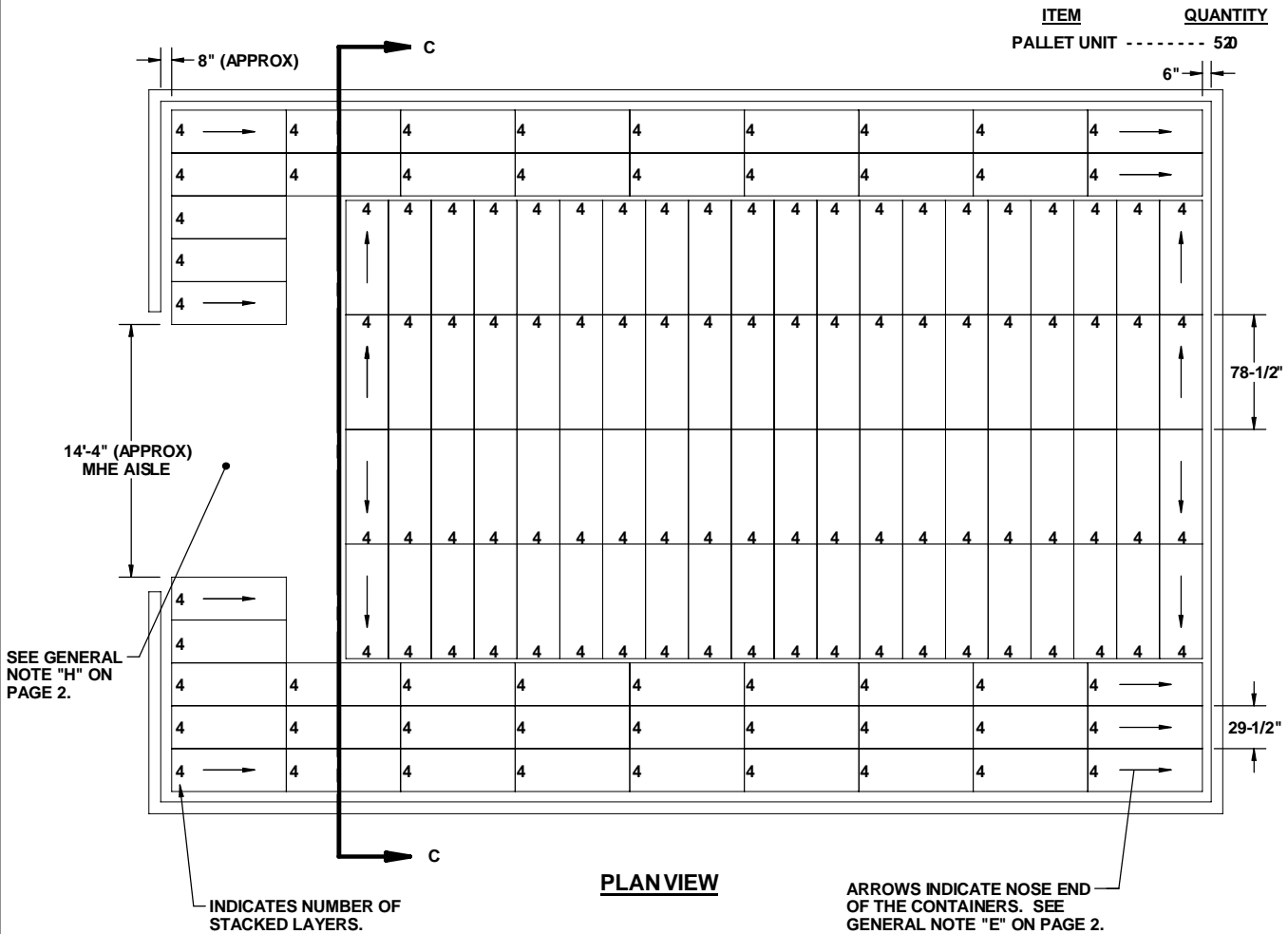
SECTION B-B



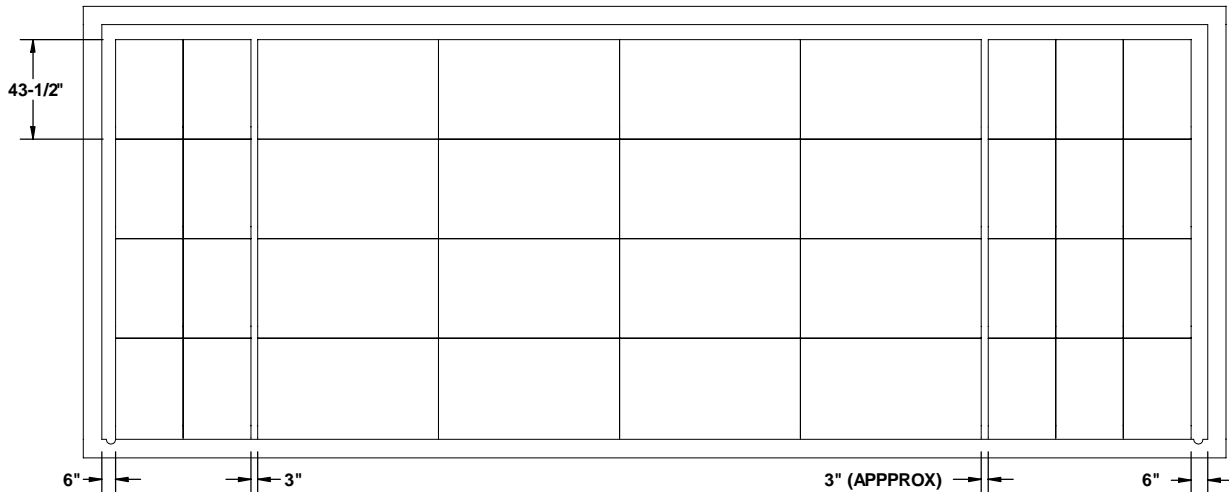
ISOMETRIC VIEW

(50'-0" MAGAZINE)

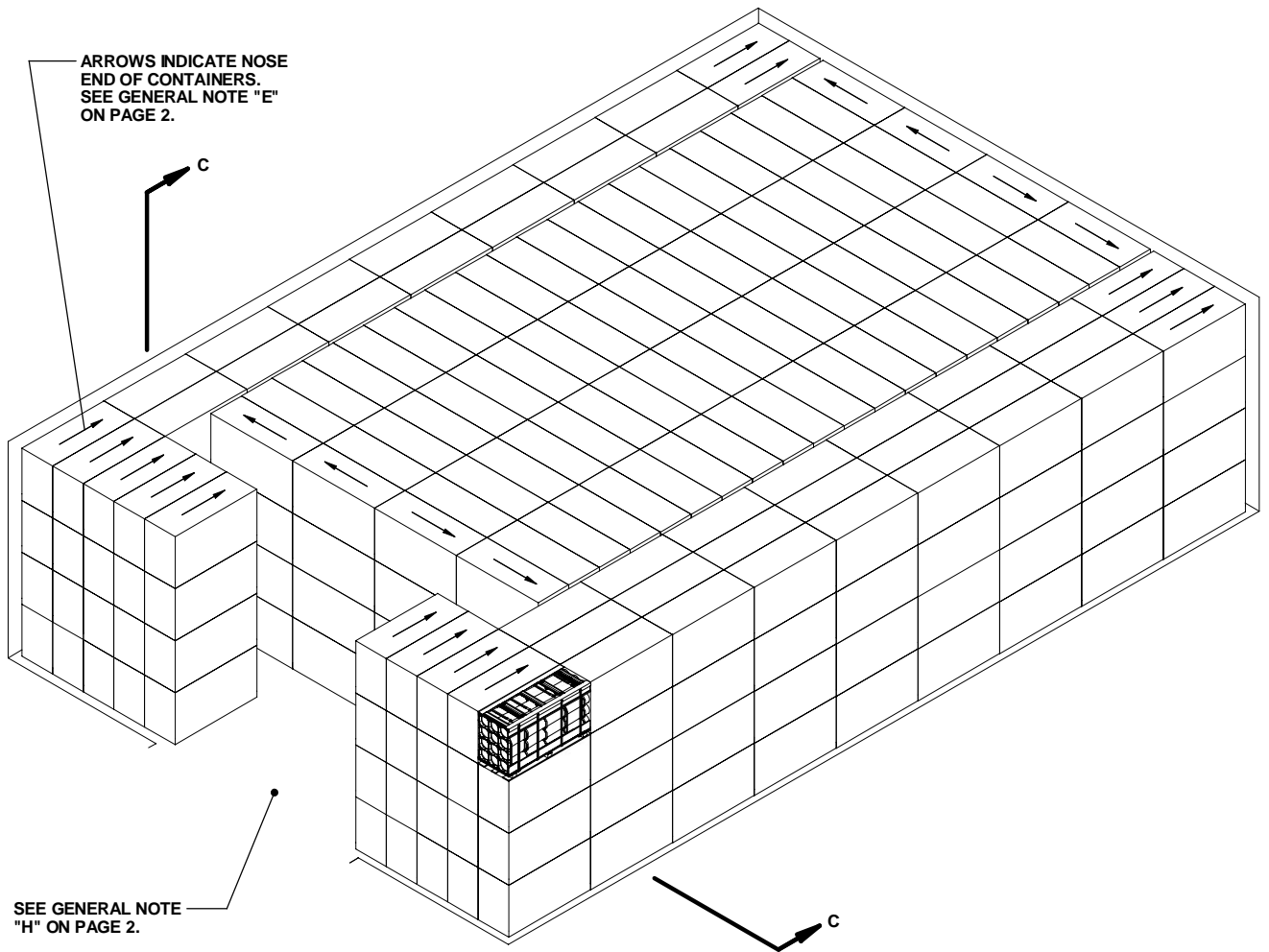
STORAGE IN TYPE II BUNKER



PLAN VIEW

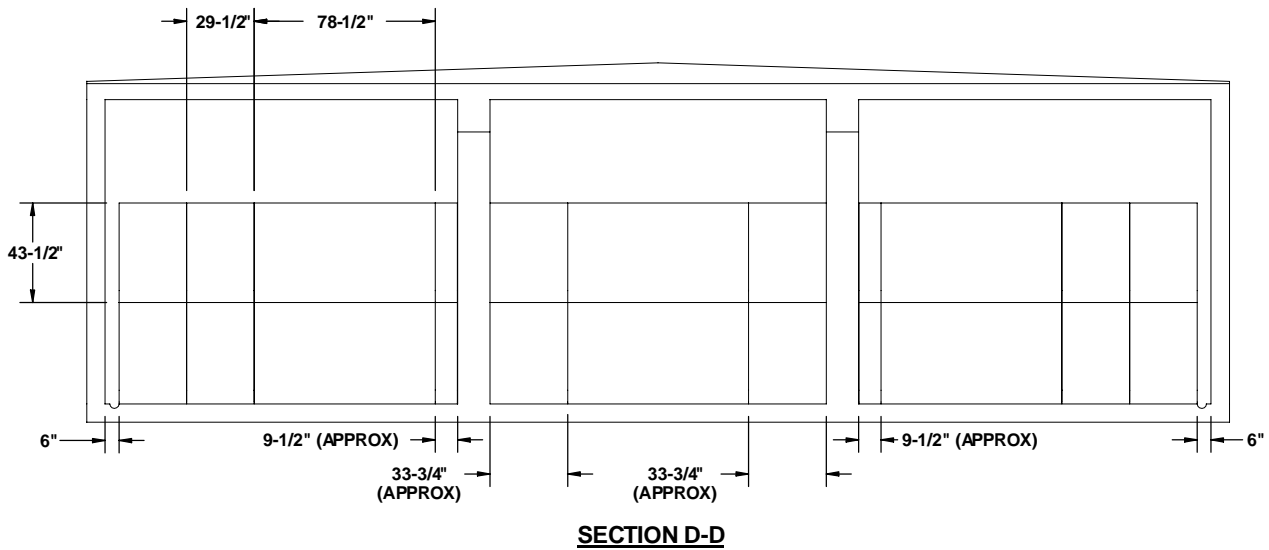
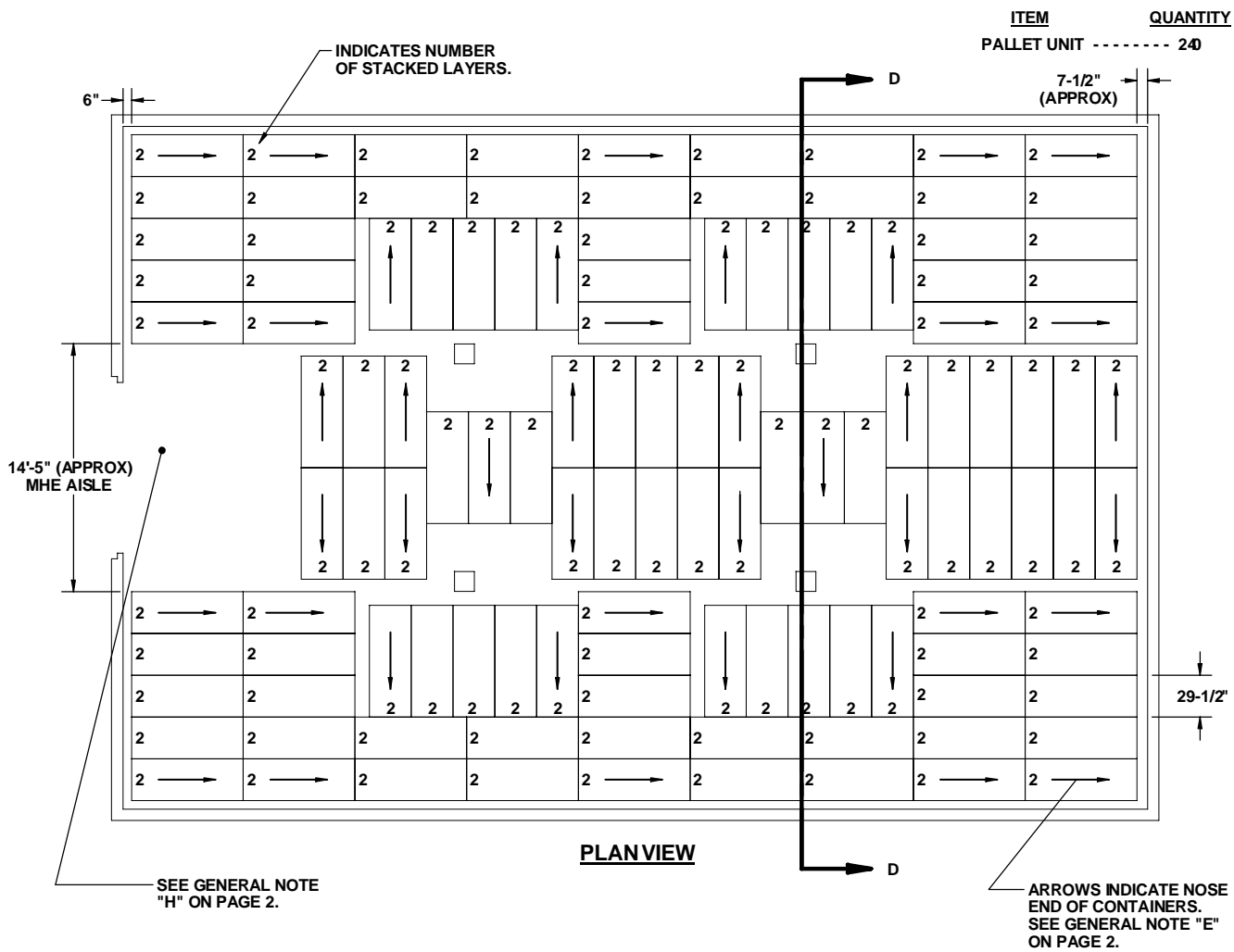


SECTION C-C

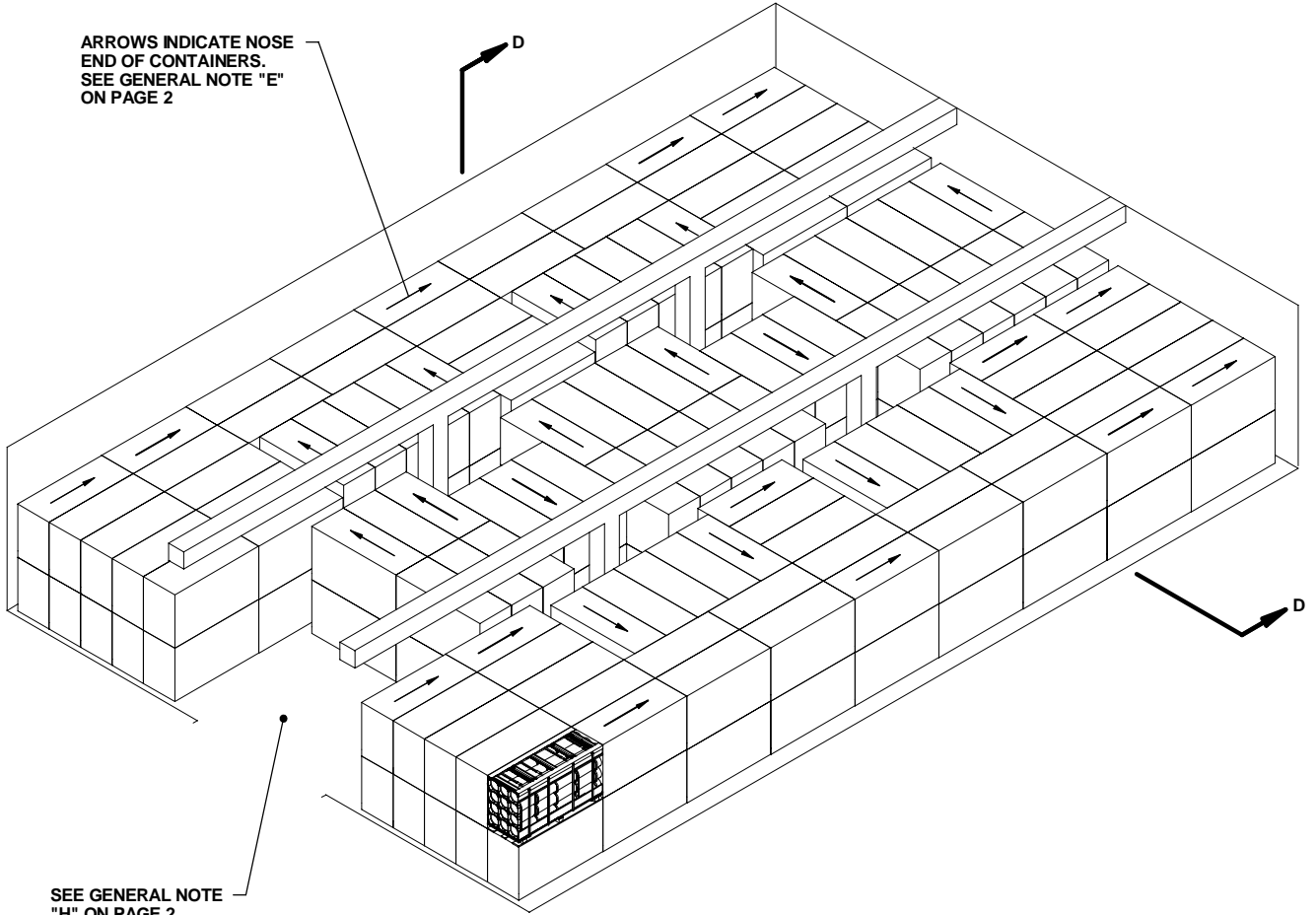


ISOMETRIC VIEW
(TYPE II BUNKER)

STORAGE IN TYPE III BUNKER



ARROWS INDICATE NOSE
END OF CONTAINERS.
SEE GENERAL NOTE "E"
ON PAGE 2

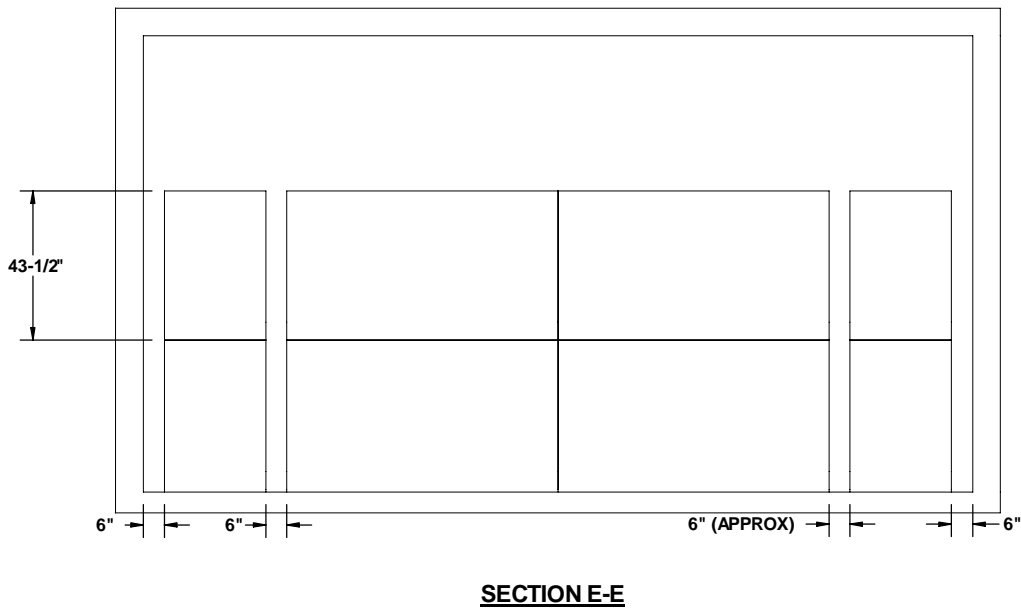
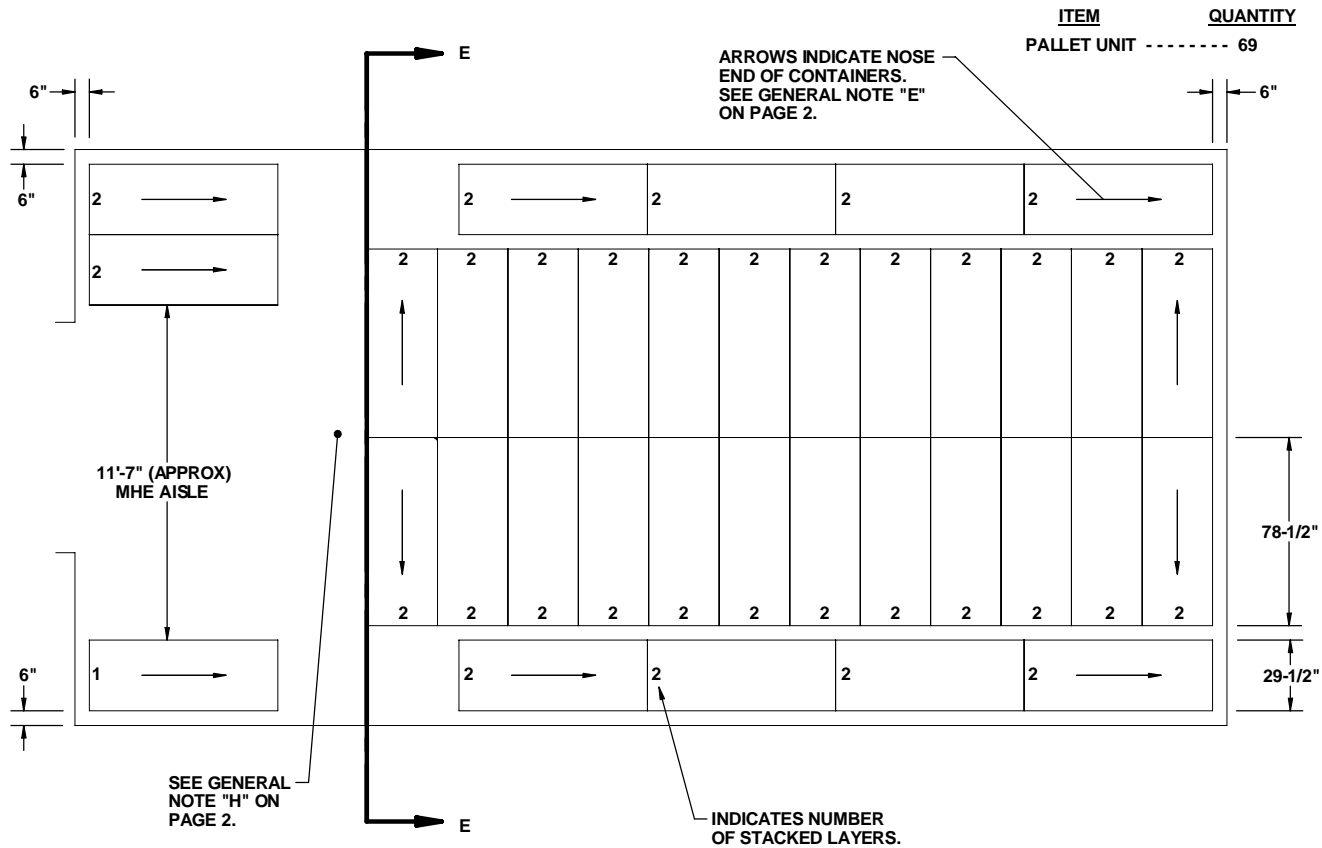


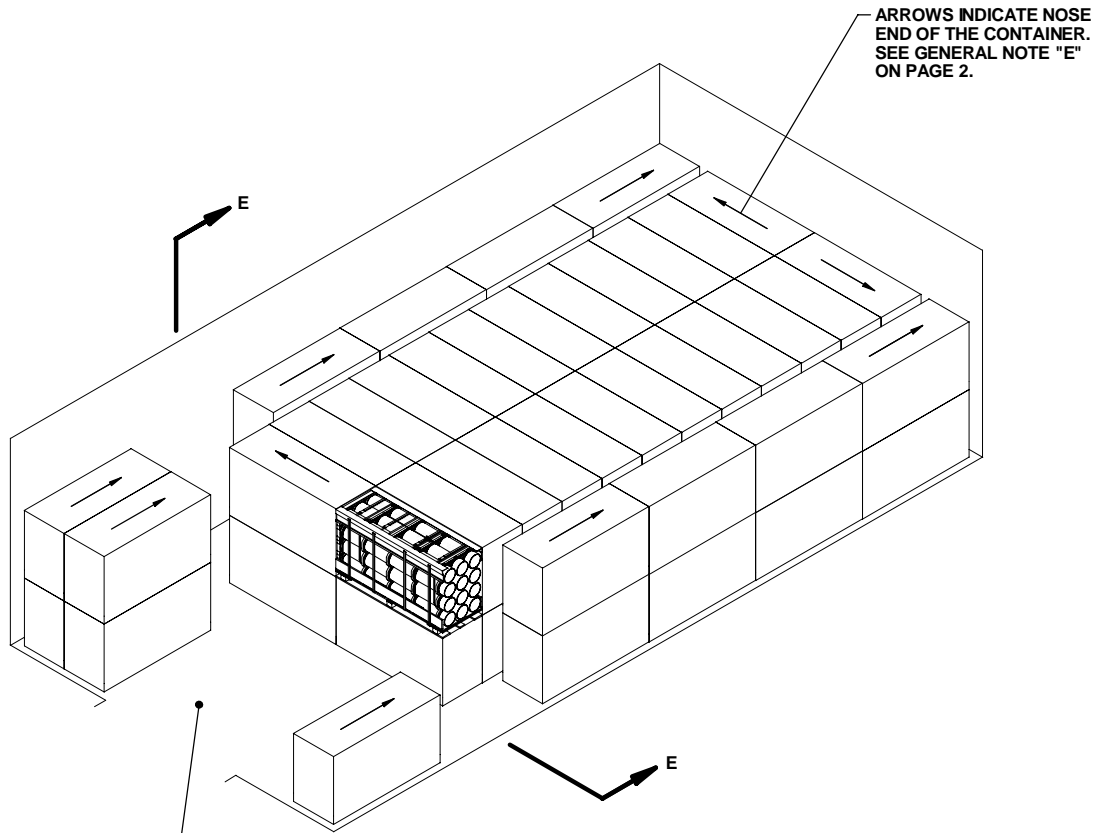
SEE GENERAL NOTE
"H" ON PAGE 2.

ISOMETRIC VIEW

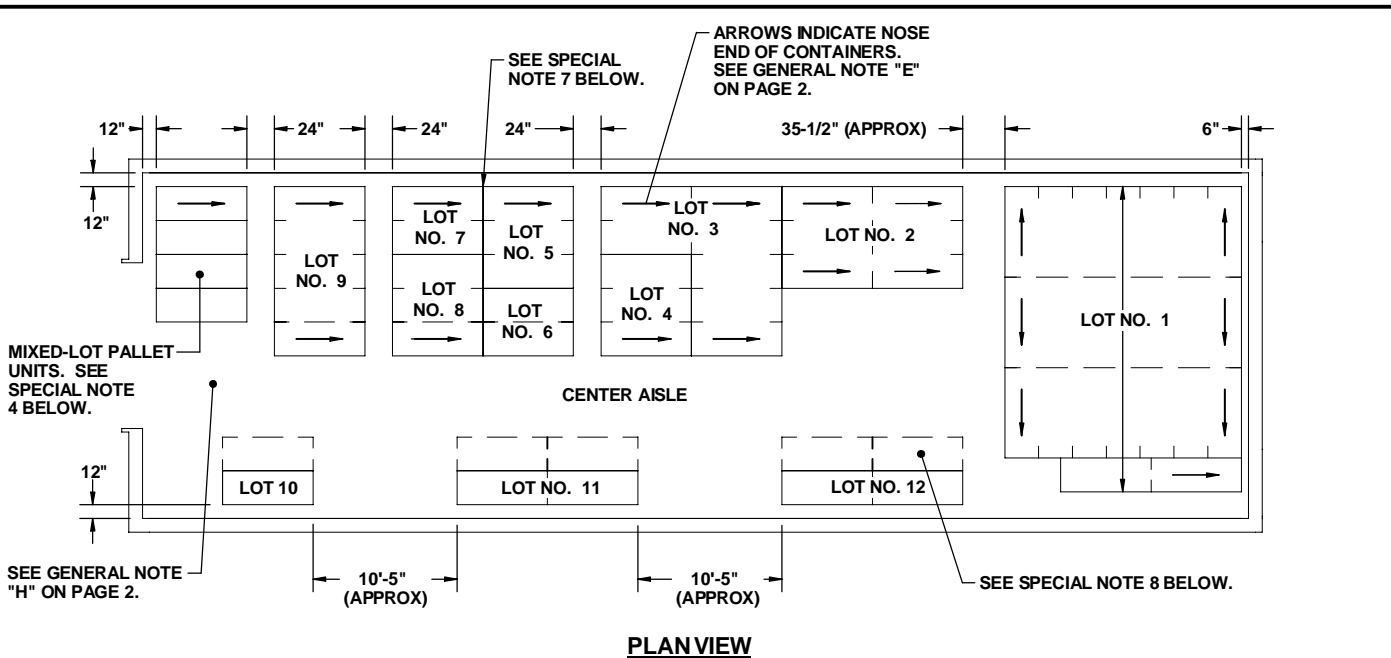
(TYPE III BUNKER)

STORAGE IN TYPE IV BUNKER





ISOMETRIC VIEW
(TYPE IV BUNKER)



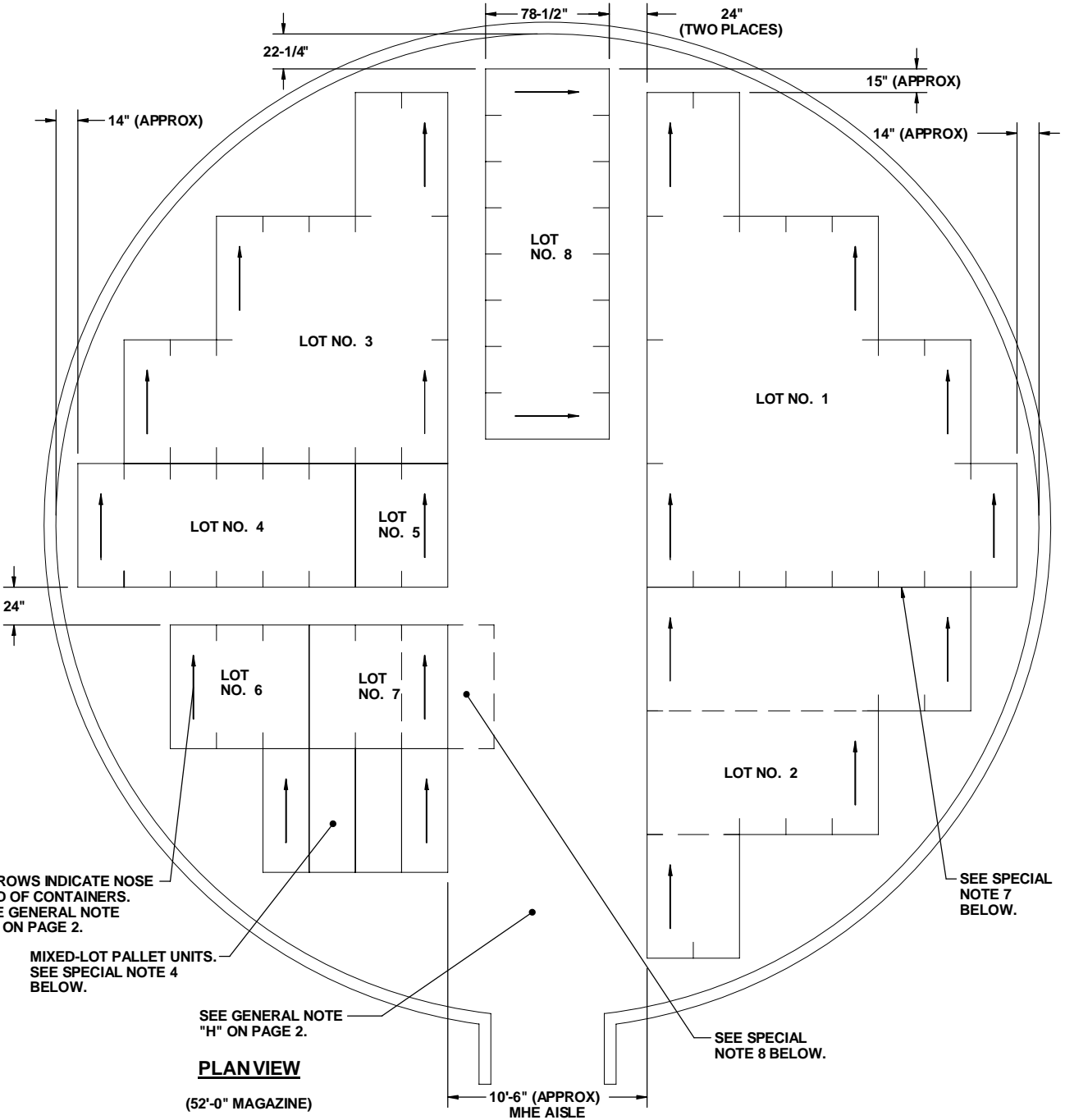
SPECIAL NOTES:

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2. AN INSPECTION/INVENTORY AISLE 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 PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT. HOWEVER, ALL LOTS WITHIN THE PALLET UNIT 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. PALLET UNITS OF A SINGLE-LOT OR MIXED-LOT PALLET UNITS 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 UNIT. A "LIFT" MAY CONSIST OF ONE OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPERDIZED.
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. AREAS ENCLOSED BY DOTTED LINES INDICATE LOCATIONS WHERE ADDITIONAL LOTS MAY BE STORED THAT ARE FROM THE LOTS WHICH ARE DIRECTLY, OR ALMOST DIRECTLY ACROSS THE MHE AISLE ON THE OTHER SIDE OF THE MAGAZINE. COMPLIANCE WITH ALL OF THE MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED. THE MHE AISLE IS TO BE AT LEAST 60" WIDE. AN AISLE SLIGHTLY WIDER THAN 60" WILL ENHANCE FORKLIFT TRUCK MOVEMENT WITHIN A MAGAZINE; HOWEVER, THIS AISLE SHOULD NOT BE MADE WIDER IF A LOSS OF STORAGE RESULTS.



ARROWS INDICATE NOSE END OF CONTAINERS. SEE GENERAL NOTE "E" ON PAGE 2.

MIXED-LOT PALLET UNITS. SEE SPECIAL NOTE 4 BELOW.

SEE GENERAL NOTE "H" ON PAGE 2.

PLAN VIEW

(52'-0" MAGAZINE)

SEE SPECIAL NOTE 8 BELOW.

SEE SPECIAL NOTE 7 BELOW.

SPECIAL NOTES:

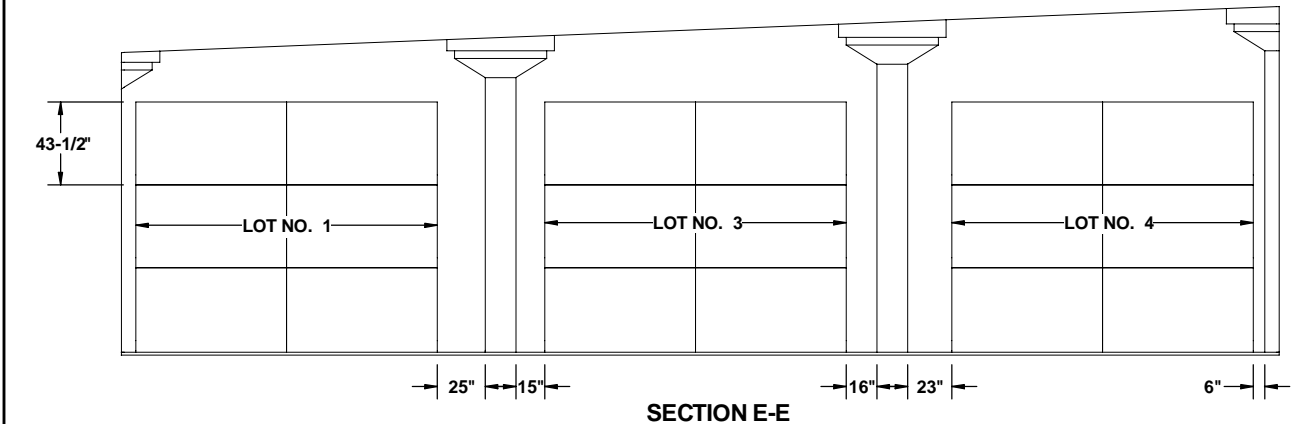
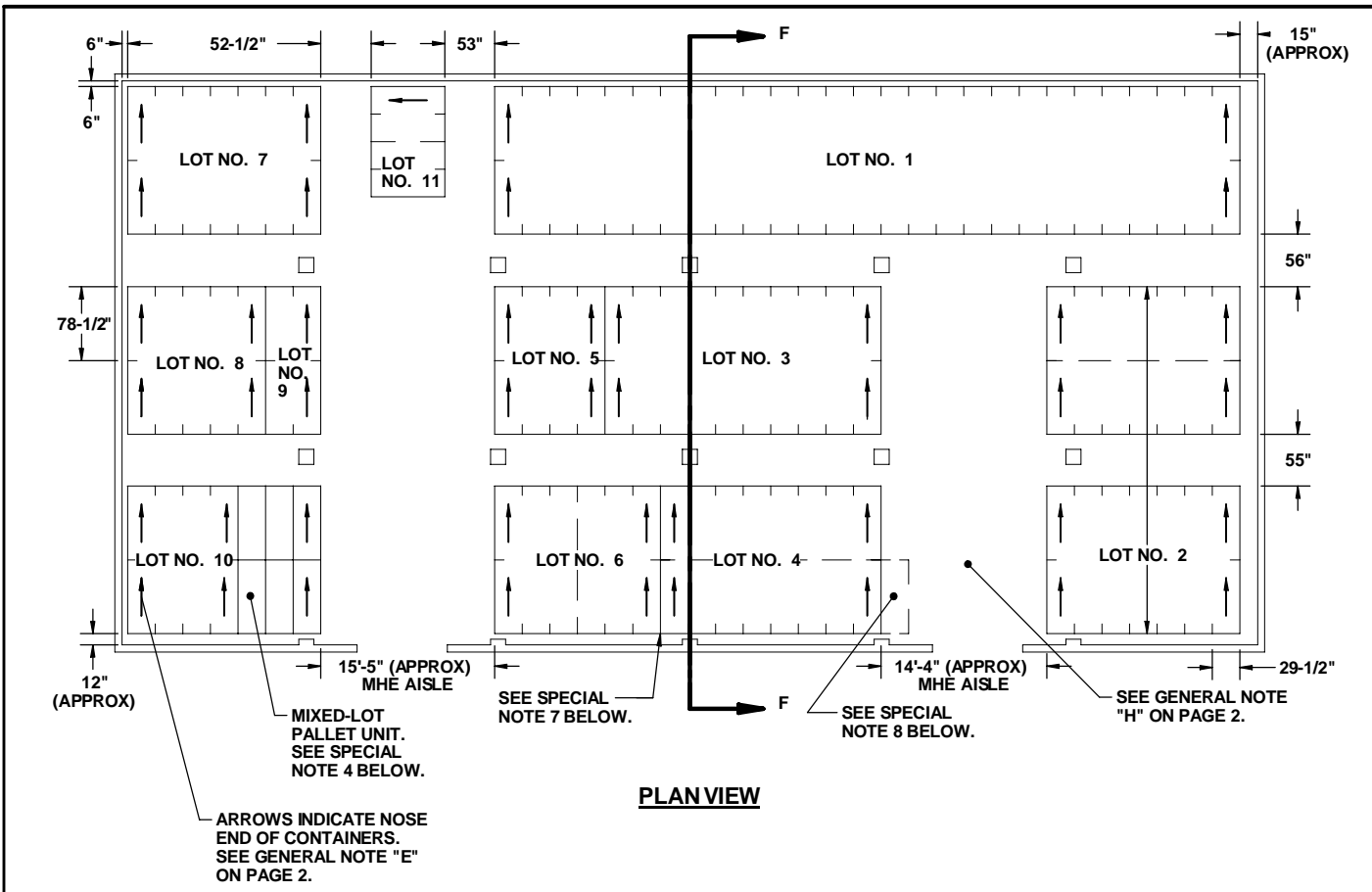
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3. GENERALLY, THE LARGEST LOT SHOULD BE STORED IN THE REAR OR ON ONE SIDE OF THE MAGAZINE. HOWEVER, THESE AREAS MAY BE USED TO STORE MORE THAN ONE LOT BY ERECTING STACKS SIMILAR TO THOSE SHOWN IN THE FRONTAL AREA. AN MHE AISLE WILL BE REQUIRED ON ONE 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 PALLET UNIT MAY HAVE FROM TWO LOTS PER PALLET UNIT UPWARDS TO AS MANY DIFFERENT LOTS AS CONTAINERS WITHIN THAT UNIT. HOWEVER, ALL LOTS WITHIN THE PALLET UNIT MUST HAVE THE SAME NATIONAL STOCK NUMBER AND CONDITION CODE.

(SPECIAL NOTES CONTINUED)

5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. PALLET UNITS OF A SINGLE-LOT OR MIXED-LOT PALLET UNITS 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 UNIT. A "LIFT" MAY CONSIST OF ONE OR MORE PALLET UNITS, 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 ITEMS 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 OF THE MULTIPLE-LOT CRITERIA AS SET FORTH ON THIS PAGE MUST BE OBSERVED.

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TYPICAL MULTIPLE-LOT STORAGE IN CORBETTA MAGAZINE

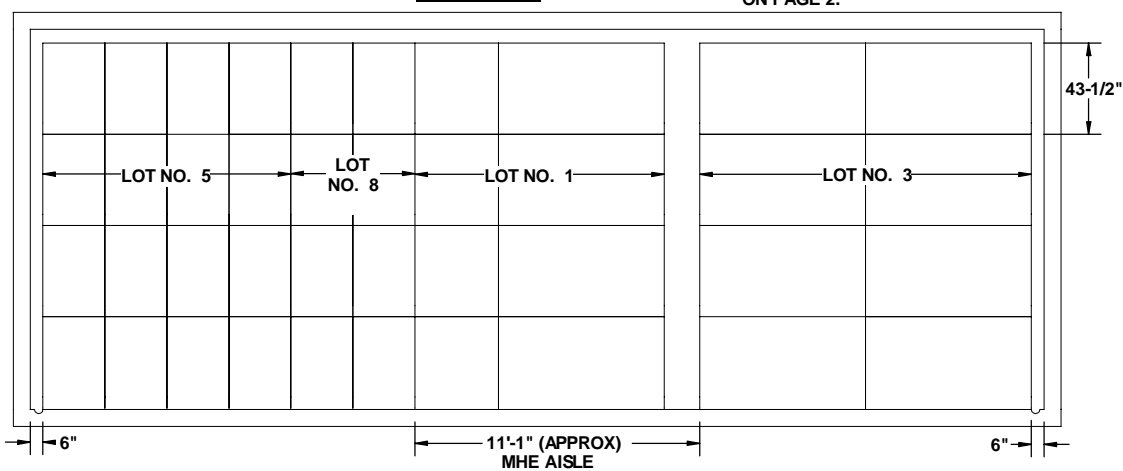
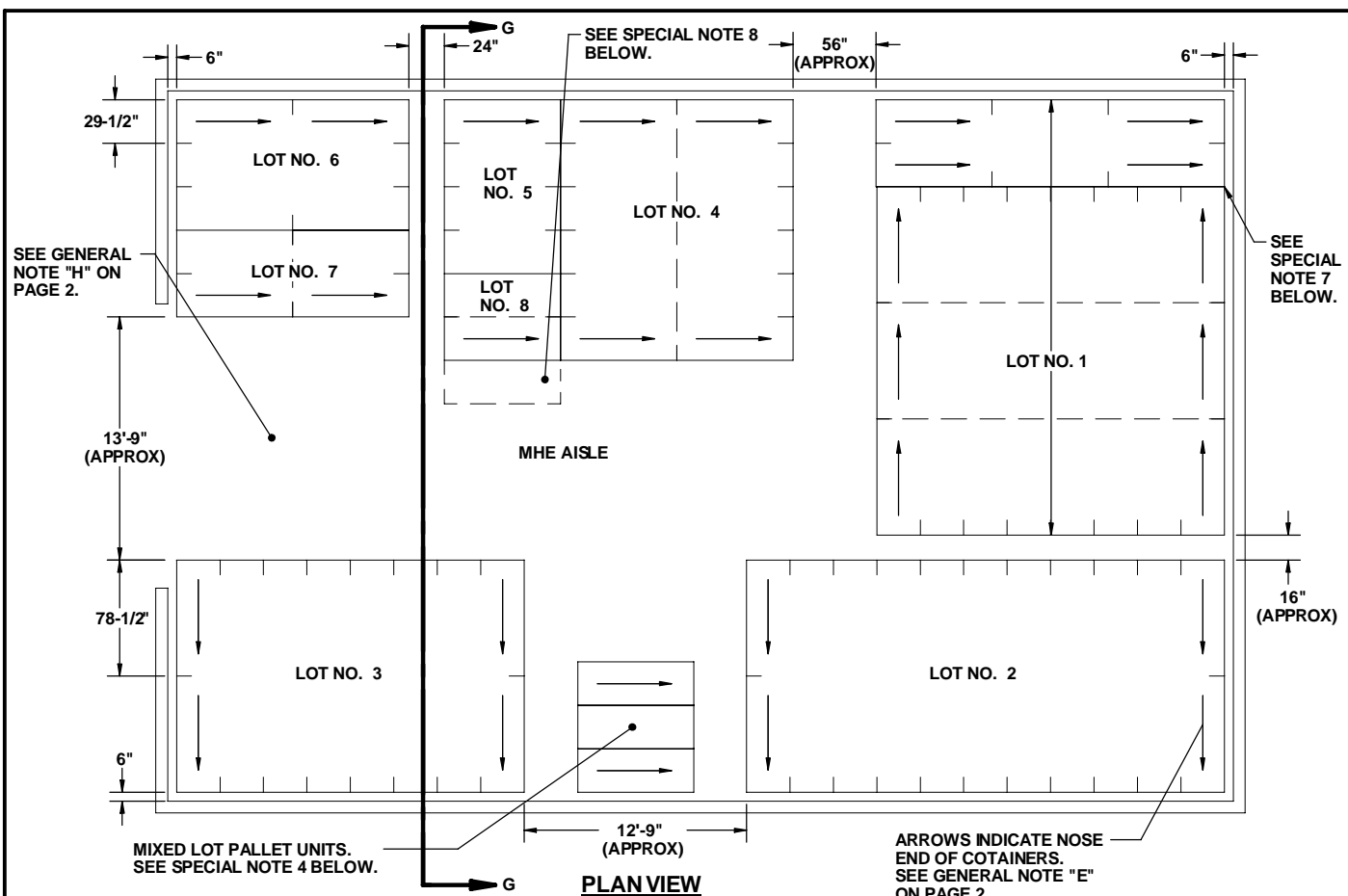


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(SPECIAL NOTES CONTINUED)

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5. EACH LOT WITHIN THE MAGAZINE MUST BE ACCESSIBLE FOR MOVEMENT BY MHE. PALLET UNITS OF A SINGLE-LOT OR MIXED-LOT PALLET UNITS ARE CONSIDERED "ACCESSIBLE" IF NO MORE THAN 24 "LIFTS" OF ANOTHER LOT OR LOTS HAVE TO BE MADE TO GAIN ACCESS TO THE SINGLE-LOT OR MIXED-LOT UNIT. A "LIFT" MAY CONSIST OF ONE OR MORE PALLET UNITS, PROVIDING THE CAPACITY OF THE MHE PERMITS, AND SAFE HANDLING IS NOT JEOPARDIZED.
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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.

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SPECIAL NOTES:

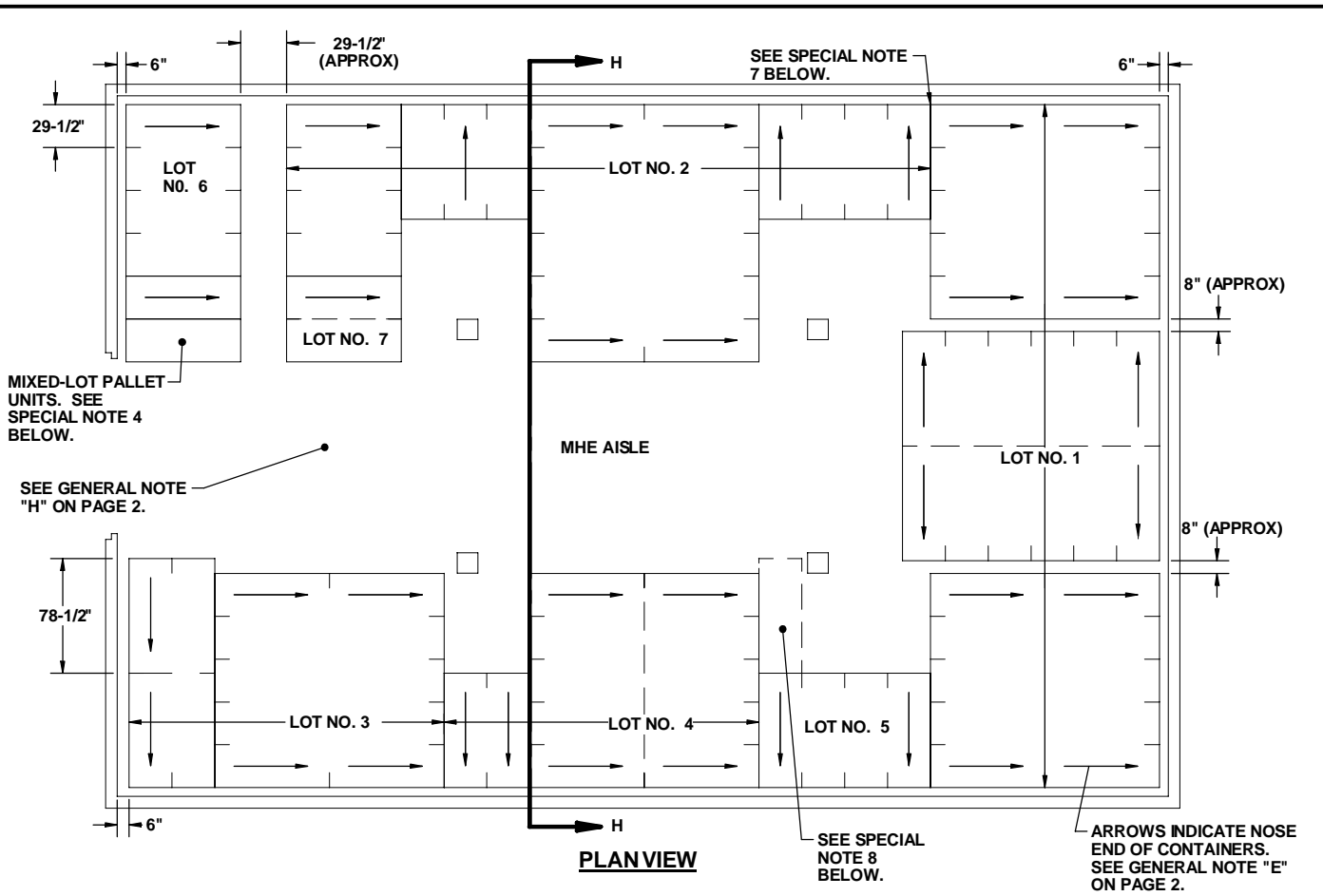
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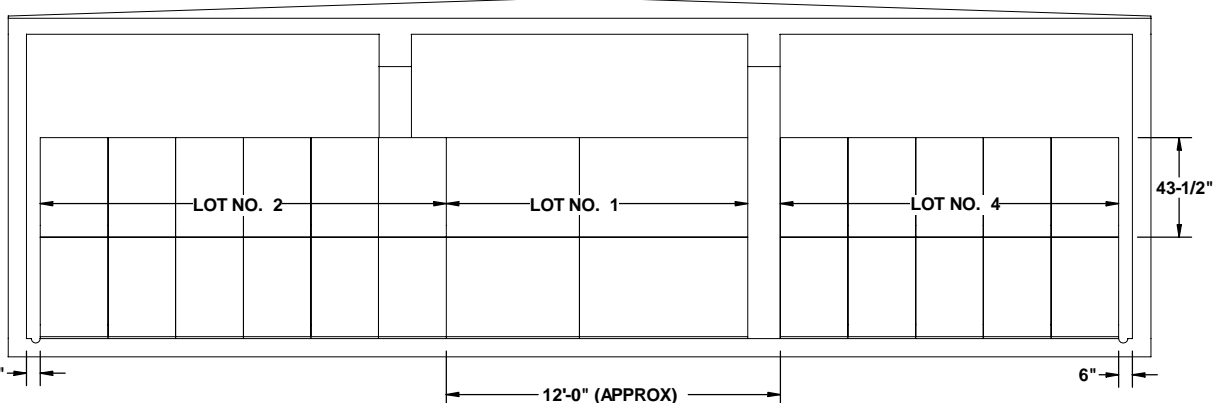
SECTION G-G

(SPECIAL NOTES CONTINUED)

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PLAN VIEW



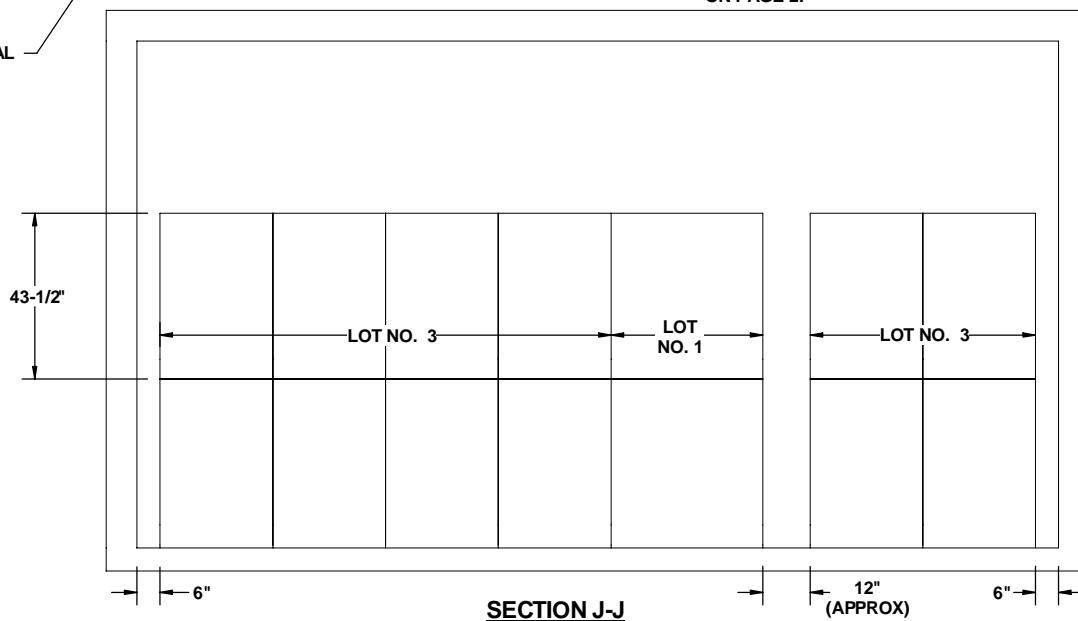
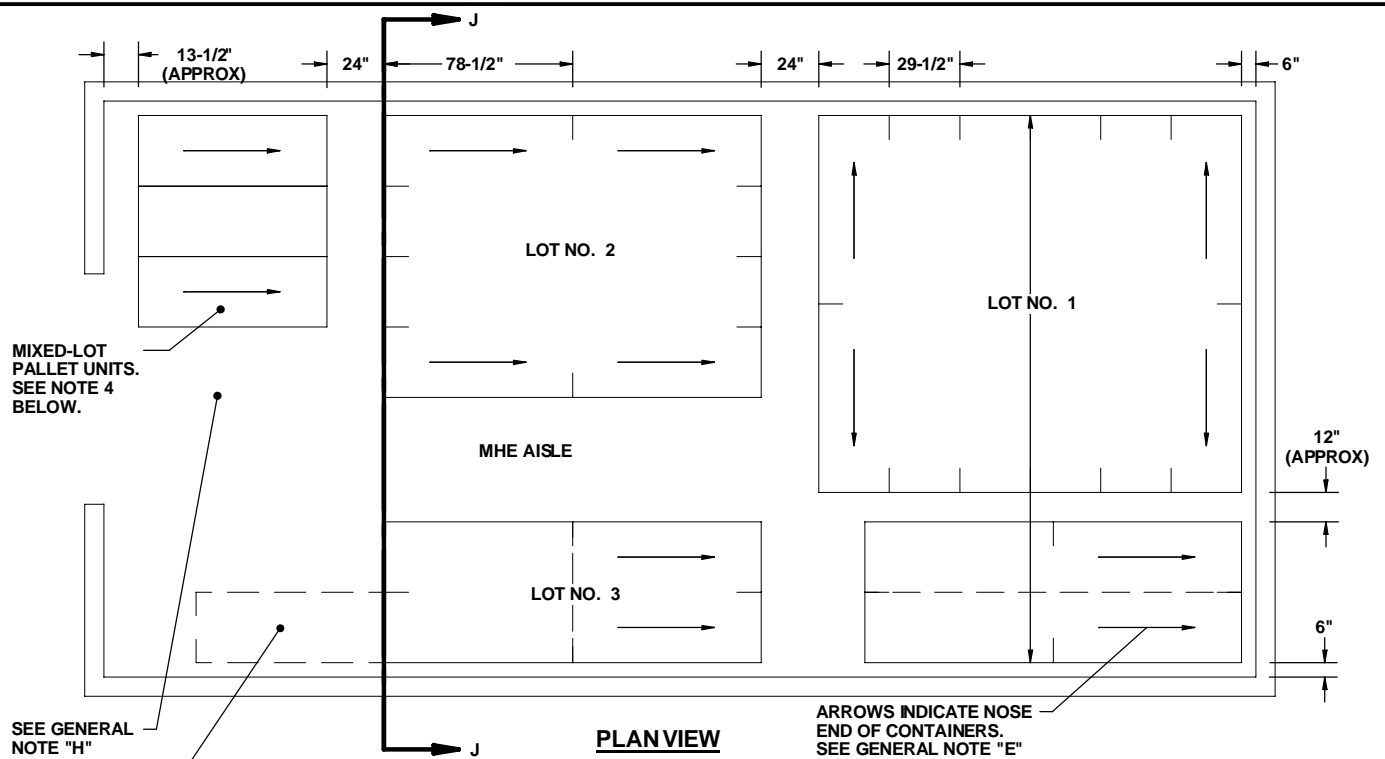
SECTION H-H

SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

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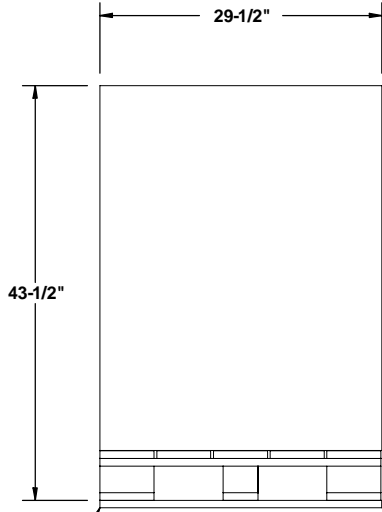


SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

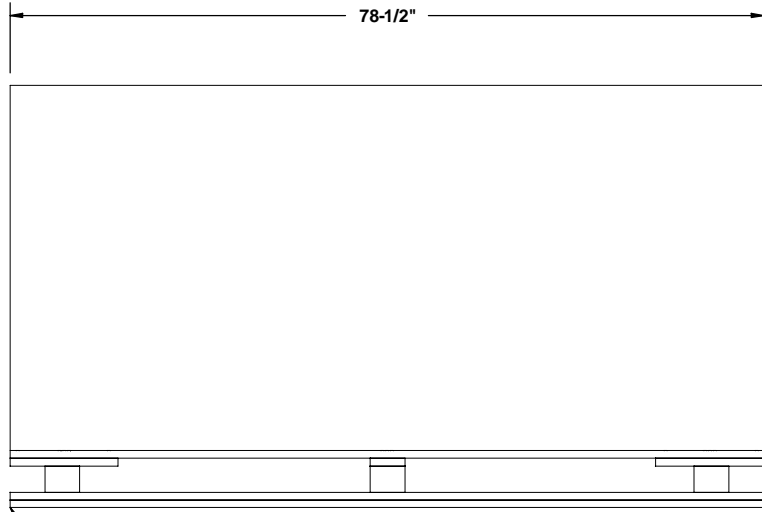
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(CONTINUED AT THE RIGHT)



DUNNAGE LOCATION "A"

FLOOR DUNNAGE, 1" X 6" X 29"
(3 REQD PER FIRST LAYER UNIT).



DUNNAGE LOCATION "B"

FLOOR DUNNAGE, 1" X 6" X 6'-6-1/2"
(2 REQD PER FIRST LAYER UNIT).

FLOOR DUNNAGE

SEE GENERAL NOTE "L" ON PAGE 2.