STORAGE IN APPROVED MAGAZINES OF JSOW (AGM-154) MISSILE PACKED IN CNU-671 OR CNU-672 CONTAINERS

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GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5). M. WHEN LOCAL STORAGE CONDITIONS ARE SUCH THAT AN AMMUNITION STORAGE MAGAZINE NET EXPLOSIVE WEIGHT LIMIT WILL BE REACHED BEFORE ALL AVAILA
- B. THE STORAGE PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLI-CABLE 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 JSOW MISSILES PACKED IN CNU-671 OR CNU-672 CONTAINERS IN OTHER TYPES OF APPROVED MAGAZINES. MINOR AD-JUSTMENTS MAY BE MADE TO FACILITATE STORAGE IN OTHER TYPES OF MAG-AZINES, HOWEVER, THE BASIC PRINCIPLES AS DEPICTED HEREIN WILL BE FOL-LOWED.
- C. THE STORAGE PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO 0. JSOW MISSILES PACKED IN CNU-671 OR CNU-672 CONTAINERS. SUBSEQUENT REFERENCE TO CONTAINER HEREIN MEANS CONTAINER WITH BOMBS IN-STALLED. SEE PAGE 3 AND RAYTHEON DRAWINGS 4283067-1 AND 4283068-1 P. FOR DETAILS OF THE CONTAINERS.
- D. <u>CAUTION</u>: THE ALLOWABLE "EXPLOSIVE LIMIT" ESTABLISHED FOR A MAGA-ZINE IS NOT TO BE EXCEEDED. THIS LIMITATION MAY REQUIRE A QUANTITY REDUCTION FROM THE STORAGE AS SHOWN.
- E. STORED CONTAINERS MUST NOT CONTACT THE SIDES OF A MAGAZINE. THEREFORE, CONTAINERS MUST BE STORED A MINIMUM OF 6" FROM THE SI-DEWALL OR CURVATURE OF THE MAGAZINE AS APPLICABLE. TO PROVIDE FOR R. THIS MANDATORY CLEARANCE REQUIREMENT, CONTAINERS MAY BE ELIMI-NATED FROM THE DEPICTED STORAGE PATTERN AS NECESSARY.
- F. AISLE DIMENSIONS SHOWN FOR STORAGE PROCEDURES IN MAGAZINES MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS, VARIATIONS DIMENSIONS, AND/OR AVAILABLE MATERIAL HANDLING EQUIPMENT (MHE).
- G. <u>CAUTION</u>: 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.
- H. THE MAXIMUM FLOOR LOAD FOR A MAGAZINE AS PRESCRIBED WILL NOT BE EXCEEDED.
- J. IF AVAILABLE MHE PERMITS, ADDITIONAL CONTAINERS MAY BE STORED WITHIN THE MHE AREA AND/OR OTHER AVAILABLE AREA OF THE MAGAZINE.
- K. 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.
- L. THE USE OF "FLOOR DUNNAGE" IS OPTIONAL, ALTHOUGH THE USE OF THIS TYPE OF DUNNAGE IS DELINEATED WITHIN THIS STORAGE PROCEDURE DRAW-ING. THE PURPOSE OF FLOOR DUNNAGE IS TO KEEP THE SKIDS OF THE CON-TAINER DRY, THUS AIDING IN PREVENTING DETERIORATION DUE TO CORRO-SION. THEREFORE, FLOOR DUNNAGE SHOULD BE USED WHEN STORING IN A MAGAZINE THAT IS KNOWN TO HAVE A "DAMP" FLOOR. ALSO, IN LIEU OF US-ING 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. <u>NOTE</u>: 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 "R" AT RIGHT.

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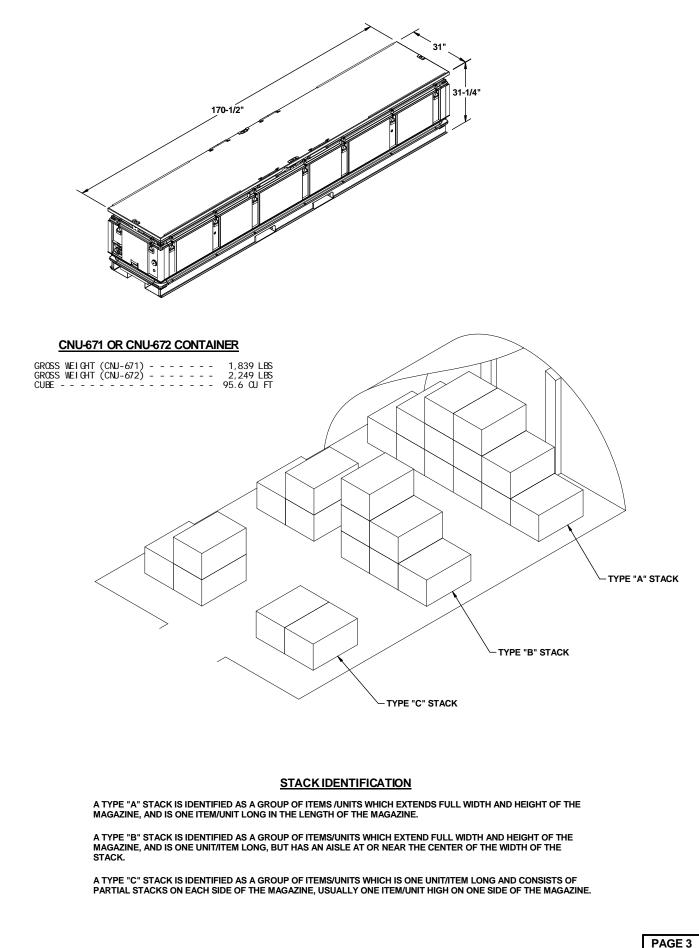
(GENERAL NOTES CONTINUED)

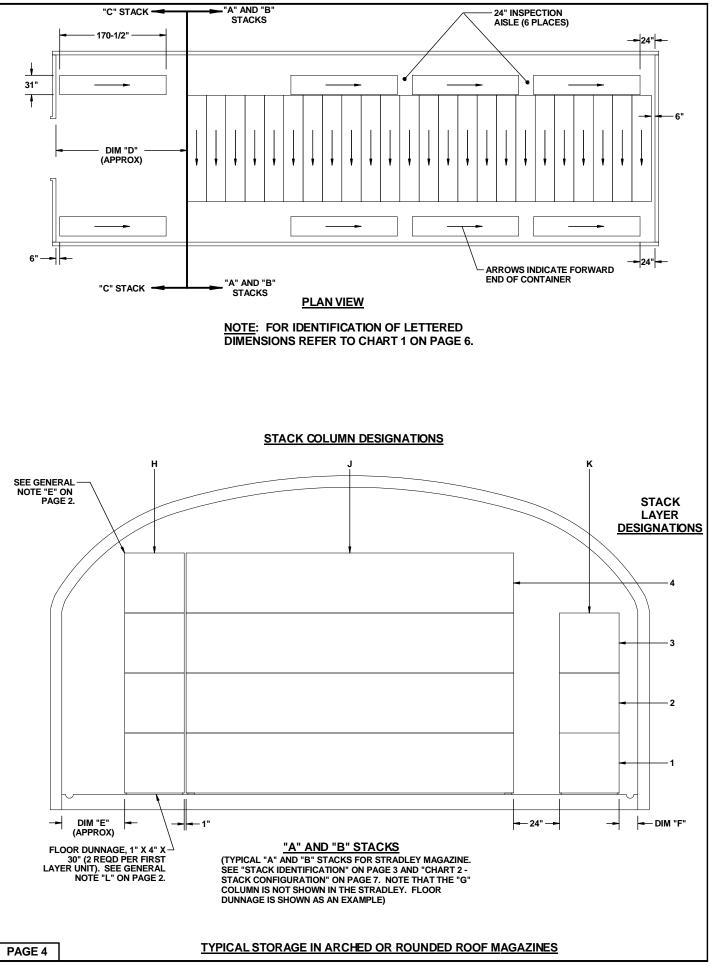
- WHEN LOCAL STORAGE CONDITIONS ARE SUCH THAT AN AMMUNITION STORAGE MAGAZINE NET EXPLOSIVE WEIGHT LIMIT WILL BE REACHED BEFORE ALL AVAILABLE STORAGE SPACE WILL BE UTILIZED, A COMBINATION OF THE VARIOUS STO-RAGE PATTERNS DELINEATED HEREIN MAY BE USED IN LIEU OF BLOCK STORAGE PATTERNS TO FACILITATE INVENTORY, INSPECTION, THE USE OF MATERIAL HAN-DLING EQUIPMENT, SURVEILLANCE, ETC., OF THE AMMUNITION TO BE STORED WITHIN THE MAGAZINE.
- 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.
- D. OTHER COMPATIBLE ITEMS MAY BE STORED IN A MAGAZINE, WHICH IS PARTIALLY FILLED WITH THE DESIGNATED ITEM.
- P. IN IGLOO, ARCH TYPE AND STRADLEY MAGAZINES WHICH HAVE SLOPING FLOORS, THE DEPICTED STORAGE PATTERNS, IN SOME CASES, INCLUDE CONTAINER 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. SEE DETAIL ON PAGE 15.
- Q. PORTIONS OF THE MAGAZINES, SUCH AS SIDEWALLS, END WALLS, AND ROOFS HAVE NOT BEEN SHOWN IN THE STORAGE VIEWS FOR CLARITY PURPOSES.
- . 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.
- S. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECES-SARY, THE METRIC EQUIVALENT MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM, AND ONE POUND EQUALS 0.454 KG.

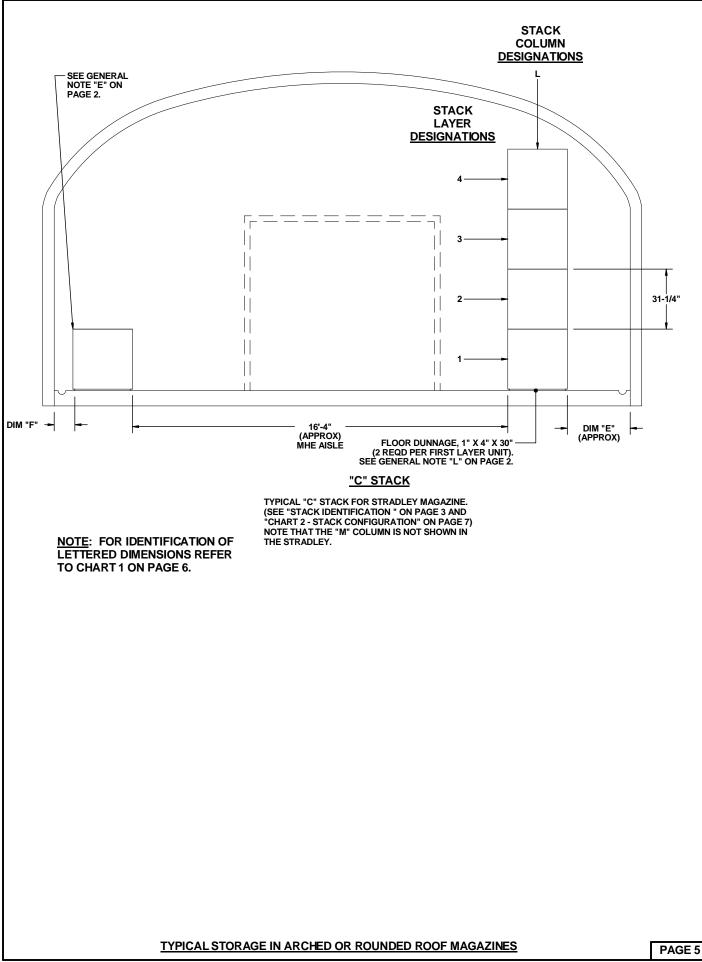
MATERIAL SPECIFICATIONS

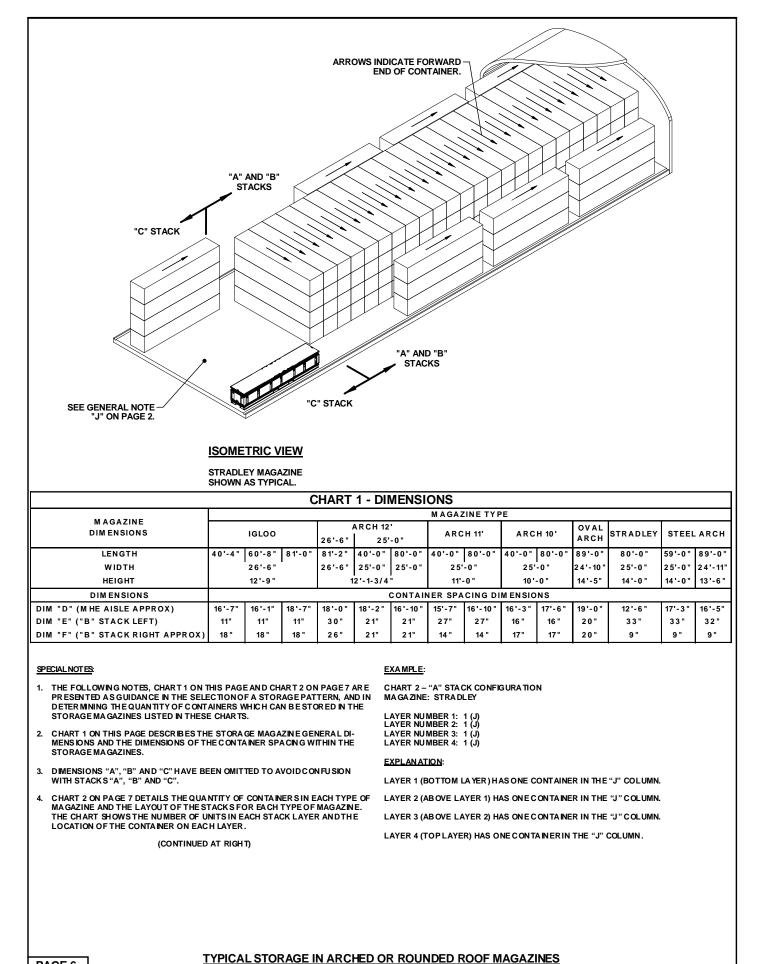
LUMBER - - - - - - - SEE TM 743-200-1 (DUNNAGE LUMBER) AND VOLUN-TARY PRODUCT STANDARD PS 20.

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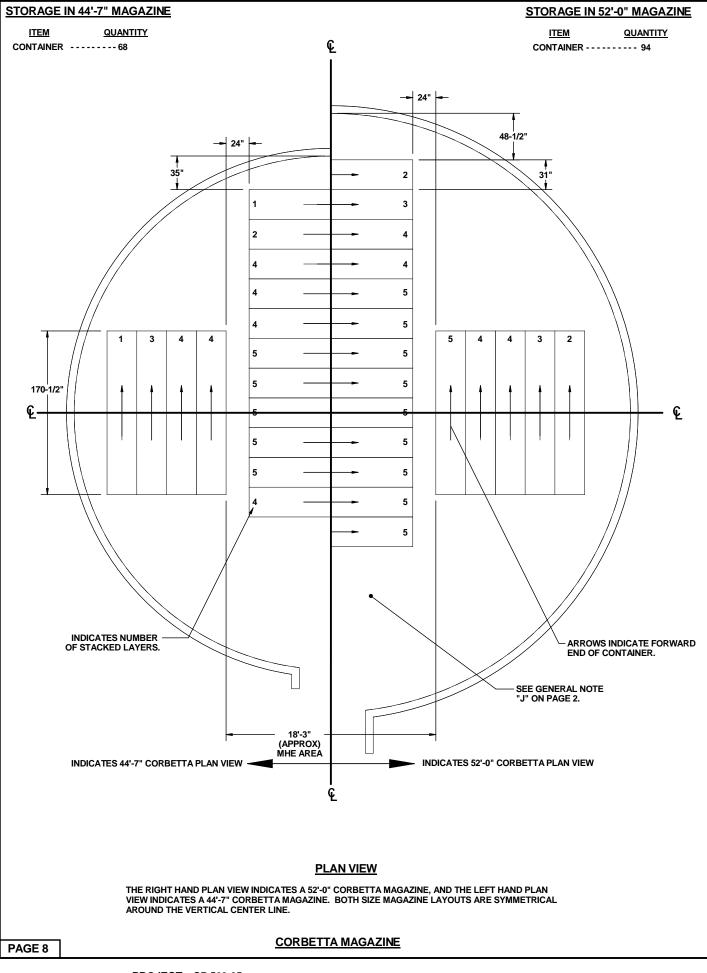
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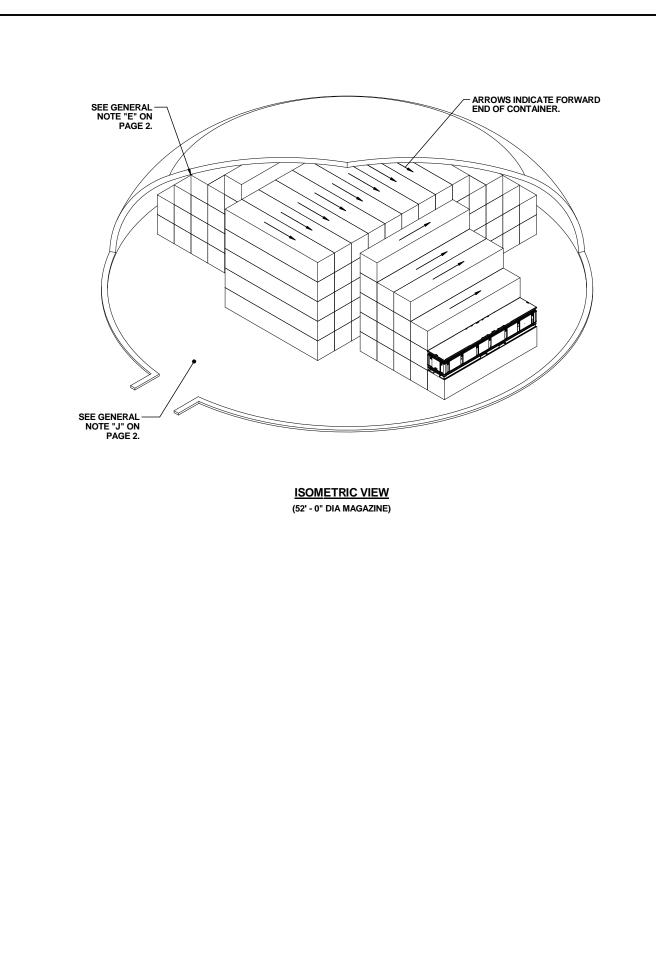
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					CHARI			FIGURAT	ION					
	r			r			AZINETY	-						
	401 411 1	IGLOO		ARCH 12' 26'-6" W		' X 25' W		H 11'		:H 10' 80'-0" L	OVAL	STRADLEY	STEEL 59'-0" L	ARCH
QUANTITY PER MAGAZINE	37	66	92	87	31	80°-0" L	31	80'-0" L	25	55	14.5	12 2	78	13 2
						-		JRATION						
LAYER					A			PER LAY	FR					
1		1(J)		1(J)	1(J)		J)		(J)	1(J)	1(J)	1(J)
2		1(J)		1(J)		J)	1(J)	1(J)		1(J)	1(J)	1(J)	
3		1(J)		1(J)			1(J)				1(J)	1(J)	1(J)	
4											1(J)	1(J)	1(J)	
SINGLE STACK TOTAL	3		3	3		3		2		4	4	4		
NUMBER DF STACKS	9	17	24	24	8	24	9	24	9	24	27	24	16	28
"A" STACK TOTAL	27	51	72	72	24	72	27	72	18	48	10 8	96	64	112
			!	B" STAC	KCONFI	GURATIC	N - ТО Т	HE LEFT	OF "A"	STACK	ļ			
LAYER						CO	NTAINERS	PER LAY	ER					
1		2(G-H)		1(H)	1(H)			H)		∃-H)	1(H) 1(H)	1(H)	1(H)	
2		1(H) 1(H)		1(H) 1(H)					1(H)		1(H)	1(H)		
3 4										1(H) 1(H)	1(H) 1(H)	1(H) 		
SINGLE STACK TOTAL		4		2	:	2 1		3		4	4	3		
NUMBER DF STACKS	1	2	3	3	1	3	1	3	1	3	4	3	2	4
'B" STACK LF TOTAL	4	8	12	6	2	6	1	3	3	3	16	12	6	12
			"	B"STACH	CONFIC					STACK				
LAYER								PER LAY						
1		1(K)		1(K) 1(K)		1(K)				1(K)	1(K)	1(K)	1(K)	
2 3			1(K) 1(K)			,				1(K) 1(K)	1(K) 1(K)	1(K) 		
4						-	-	-		-	1(K)			
SINGLE											. ,			
STACK TOTAL		1		2	:	2	1		0		4	3	2	1
NUMBER DFSTACKS	1	2	3	3	1	3	1	3	0	0	4	3	2	4
'B" STACK RT TOTAL	1	2	3	6	2	6	1	3	0	0	16	9	4	4
					C" STAC	KCONF	GURATI	I DN - LEF1	SIDE					
LAYER						со	NTAINERS	PER LAY	ER					
1		2(L-M)		1(L)						2(L-M)		1(L)	1(L)	
2		1(L)		1(L)	1(L)				1(1(L)		1(L)	1(L)	
3		1(L)									1(L)	1(L)	1(L)	
4											1(L)	1(L)		
SINGLE STACK TOTAL		4		2	2 2		1		3		4	4	3	
NUMBER DFSTACKS	1		1		1		1		1	1	1			
"C" STACK LF TOTAL	4		2			1		3		4	4	3		
	1			"(C" STAC	KCONFI	GURATIC	N - RIGH	TSIDE			1		
C" STACK		1 1				1 1				1	1	1		

TYPICAL STORAGE IN ARCHED OR ROUNDED ROOF MAGAZINES

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CORBETTA MAGAZINE

