

# APPENDIX 95Q

## UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON 4-WAY ENTRY PALLET

**SELECTABLE LIGHTWEIGHT ATTACK MUNITION (SLAM) OR DEMOLITION ATTACK MUNITION (DAM) PACKED 8 PER PA19 CONTAINER, 2 CONTAINERS PER WIREBOUND BOX, UNITIZED 27 BOXES PER 35" X 45-1/2" PALLET; APPROX BOX SIZE 14-5/8" L X 12-13/16" W X 11-15/16" H**

**NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.**

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### U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND <i>David A. Perkonik</i> APPROVED, U.S. ARMY MATERIEL COMMAND <i>Timothy Fore</i> APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND <i>[Signature]</i> U.S. ARMY DEFENSE AMMUNITION CENTER	ENGINEER	BASIC	SANDRA M. SCHULTZ	DO NOT SCALE			
		REV.	WALTER GORDON	WEBSITE: <a href="http://www.dac.army.mil">HTTP://WWW.DAC.ARMY.MIL</a>			
	TECHNICIAN	BASIC		<b>DECEMBER 1991</b>			
		REV.		REVISION NO. 2	MAY 2000		
	DRAFTSMAN	BASIC	BETTY J. KUNDERT	SEE THE REVISION LISTING ON PAGE 2			
		REV.		CLASS	DIVISION	DRAWING	FILE
				19	48	4116/ 95Q	20PA1002

PROJECT FSA 146/95Q-75

PALLET UNIT DATA				
ITEMS INCLUDED		● HAZARD CLASS AND DIVISION		APPROX WEIGHT LBS
NSN	DODIC	QD CLASS	COMP GROUP	
1375-01-380-1350	MM15	1. 1	D	2, 169
01-380-1378	MM16	1. 1	D	2, 169
01-430-5014	MN28	1. 1	D	2, 169

- HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

### REVISIONS

REVISION NO. 1, DATED MARCH 1996, CONSISTS OF:

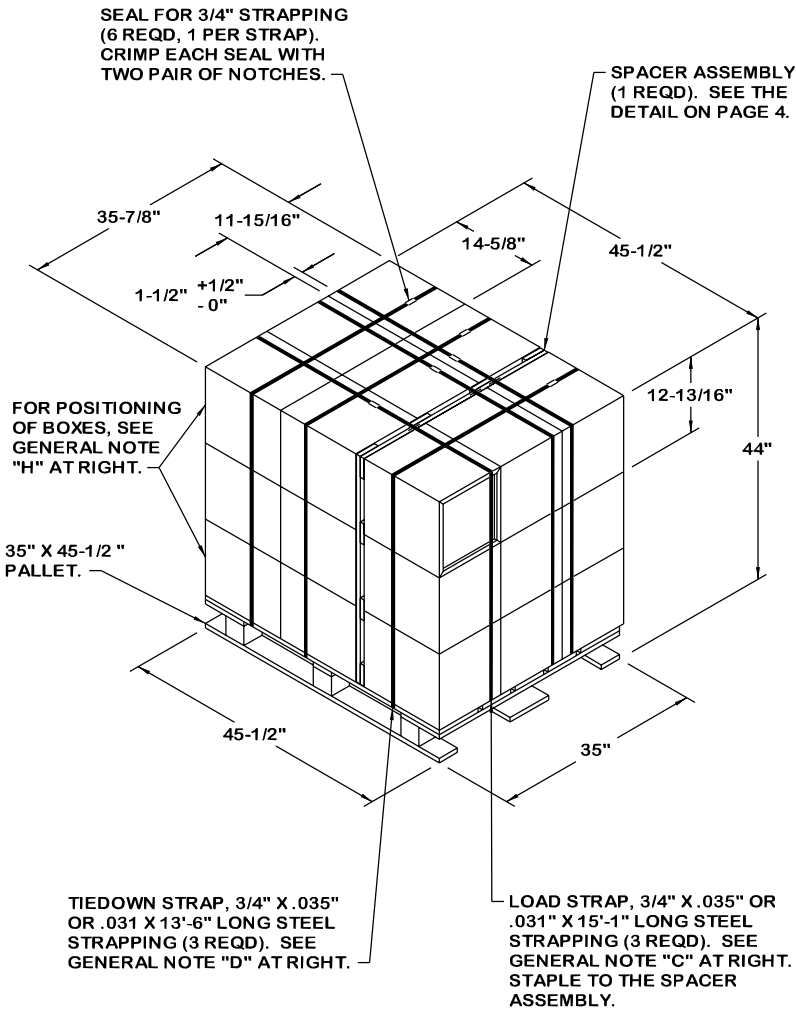
1. CHANGING WEIGHT OF ITEMS.
2. ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
3. UPDATING GENERAL NOTES.
4. CHANGED DESIGN OF SPACER ASSEMBLY.

REVISION NO. 2, DATED MAY 2000, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
2. CHANGING THE HAZARD CLASSIFICATIONS FOR 1375-01-380-1350-MM15 AND 1375-01-380-1378-MM16.
3. UPDATING DRAWING FORMAT.

**GENERAL NOTES**

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
  - CARLOADING - - - - 19-48-4115-5PA1002
  - TRUCKLOADING - - - - 19-48-4117-11PA1003
  - STORAGE - - - - - 19-48-4118-1-2-3-4-14-22PA1002
  - END OPENING ISO CONTAINER - - - - 19-48-4153-15PA1002
  - MILVAN - - - - - 19-48-4166-15PA1003
  - SIDE OPENING ISO CONTAINER - - - - 19-48-4267-15PA1009
- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING SELECTABLE LIGHTWEIGHT ATTACK MUNITIONS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- H. POSITION THE THREE OUTBOARD BOXES OF THE BOTTOM LAYER ON THE 45-1/2" SIDES OF THE PALLET WITH THE TOPS OUTWARD, AND THE THREE OUTBOARD BOXES OF THE TOP LAYER ON THE 45-1/2" SIDES OF THE PALLET WITH THE TOPS OUTWARD.
- J. THE STYLE 1A PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- K. ALL DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES.
- L. DIMENSIONS OF THE SPACER ASSEMBLIES ARE APPROXIMATE AND MUST BE VERIFIED IN ACCORDANCE WITH GENERAL NOTE "Z" IN THE BASIC PROCEDURES. THESE ASSEMBLIES MUST NOT PROTRUDE PAST THE TOPS AND/OR SIDES OF THE CONTAINERS.

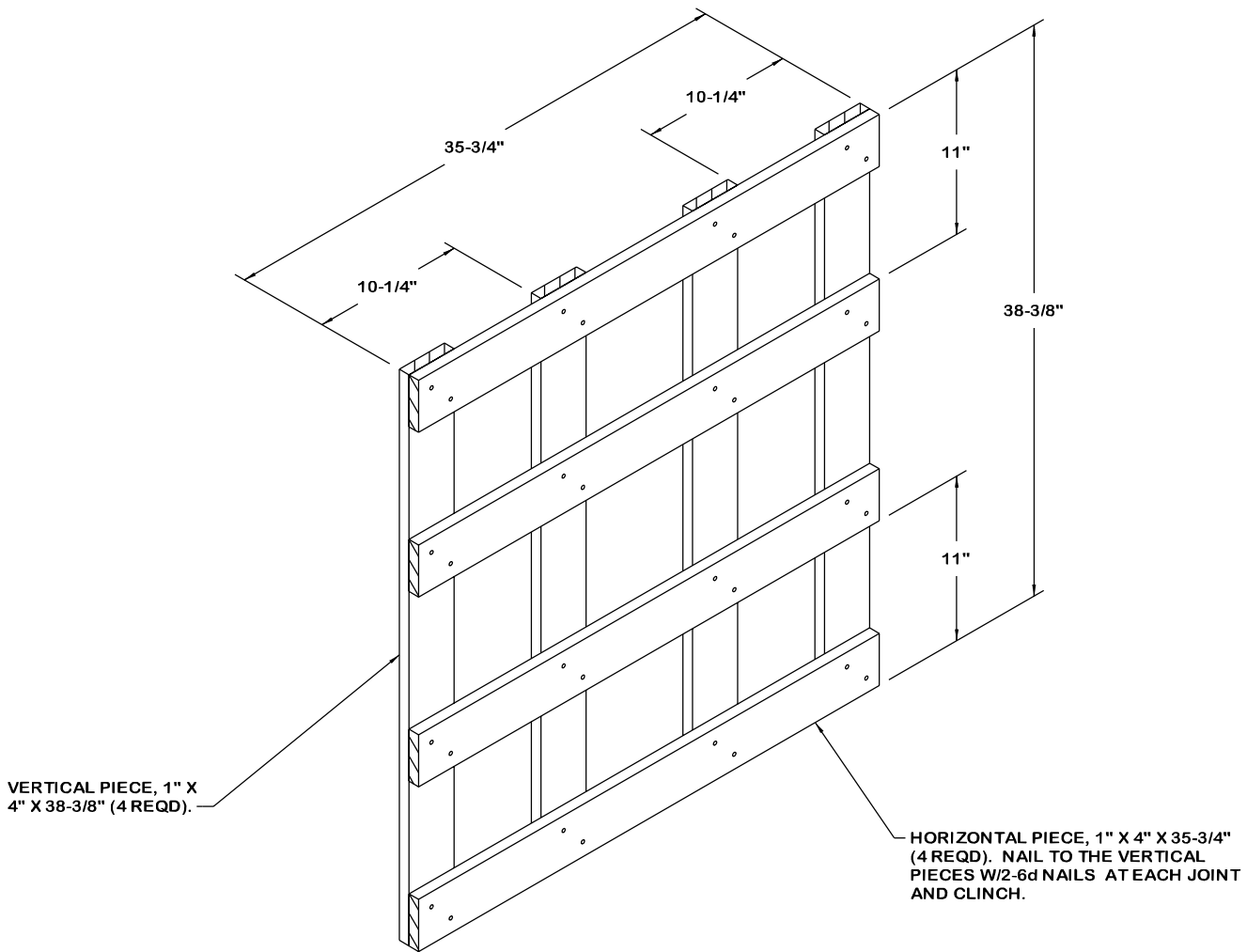


**PALLET UNIT**

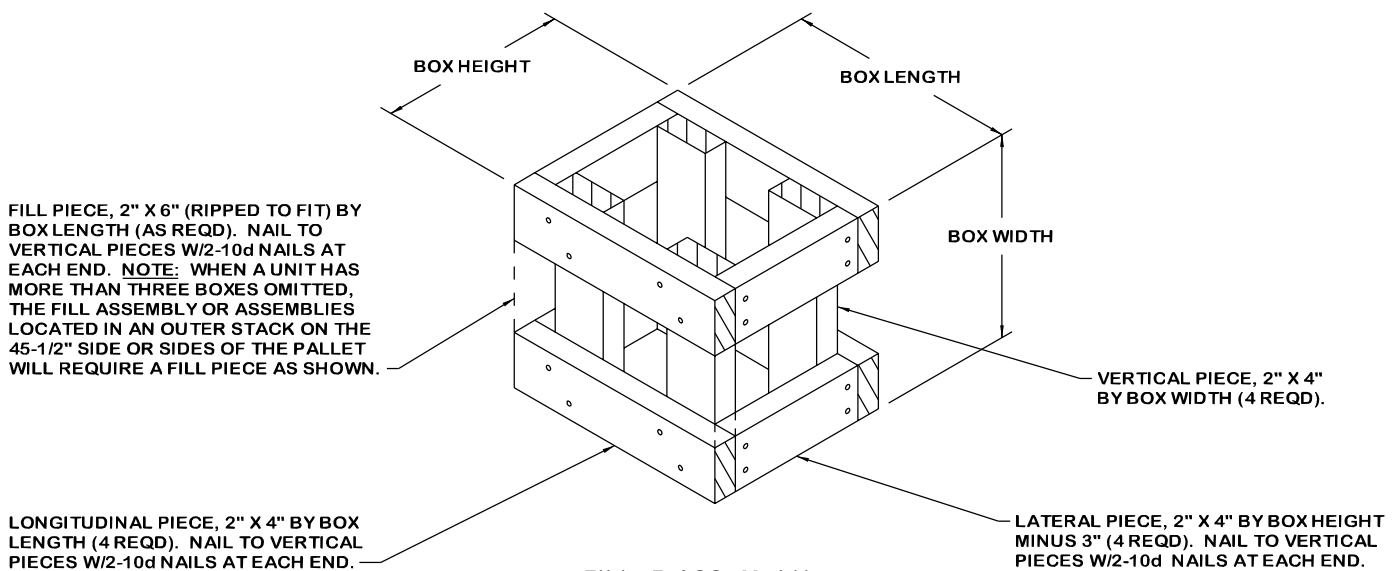
SEE GENERAL NOTE "B" AT RIGHT.

27 BOXES OF SLAM (16 PER BOX) @ 77 LBS	- - - - -	2,079 LBS (APPROX)
DUNNAGE	- - - - -	25 LBS
PALLET	- - - - -	65 LBS
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TOTAL WEIGHT	- - - - -	2,169 LBS (APPROX)
CUBE	- - - - -	41.6 CU FT (APPROX)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	24.71	8.24
NAILS	NO. REQD	POUNDS
6d (2")	32	0.19
PALLET, 35" X 45-1/2"	- - - - 1 REQD	- - - - 65 LBS
STEEL STRAPPING, 3/4"	- 85.75' REQD	- - - - 7.65 LBS
SEAL FOR 3/4" STRAPPING	- - - 6 REQD	- - - - NIL
STAPLE, 15/16" X 3/4"	- - - 3 REQD	- - - - NIL



**SPACER ASSEMBLY**



**FILLER ASSEMBLY**

(FOR MINUS ONE BOX)