

APPROVED BY  
BUREAU OF EXPLOSIVES

*0-1L*

DATE 6/11/02


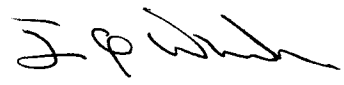
# LOADING AND BRACING\* IN SIDE OPENING ISO CONTAINERS OF MK84 (2,000 POUND) HIGH DRAG BOMBS, COMPLETE ROUND

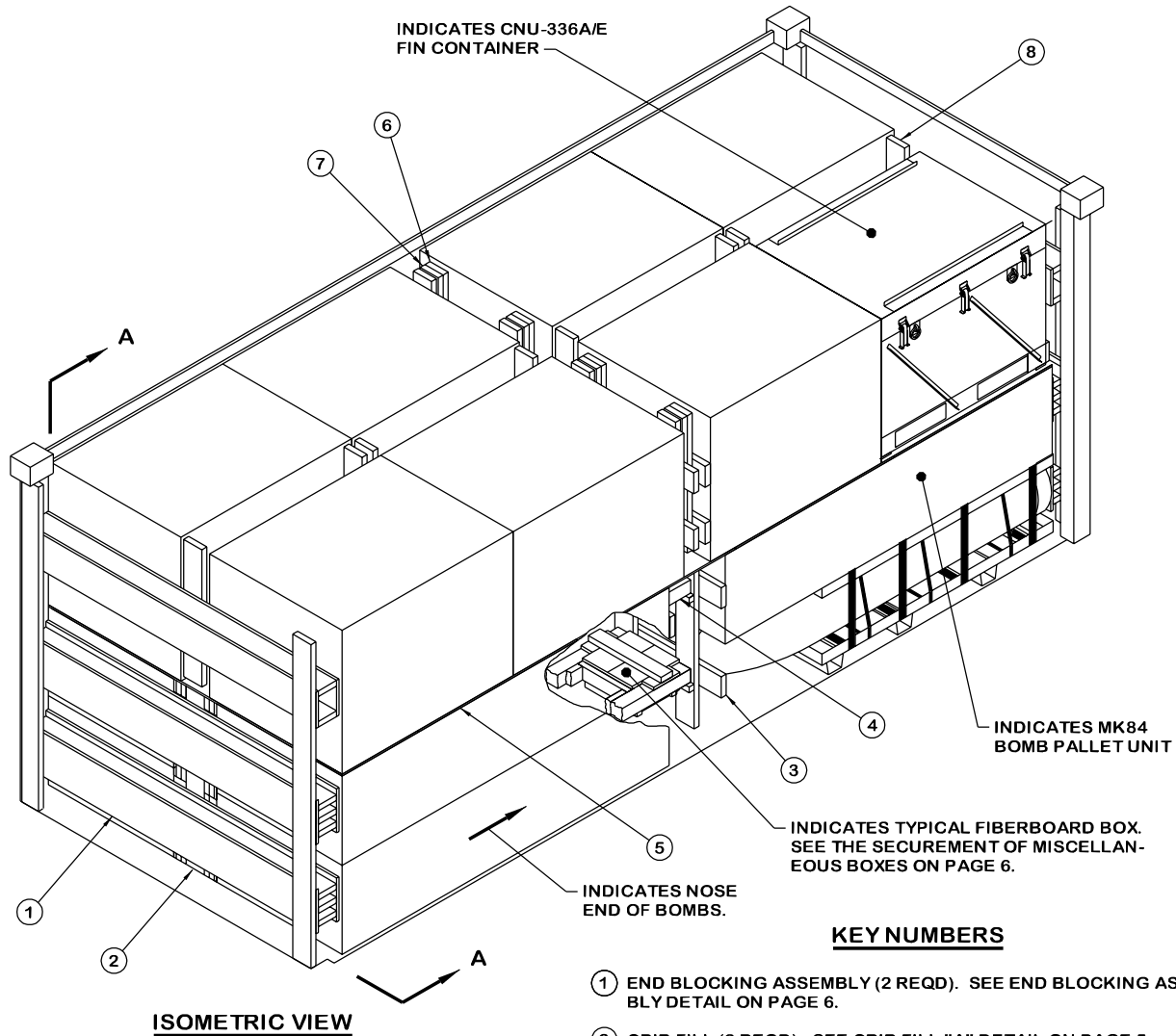
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\* LOADING AND BRACING SPECIFICATIONS SET FORTH WITHIN THIS DRAWING ARE APPLICABLE TO LOADS THAT ARE TO BE SHIPPED BY TRAILER/CONTAINER-ON-FLATCAR (T/COFC) RAIL CARRIER SERVICE. THESE SPECIFICATIONS MAY ALSO BE USED FOR LOADS THAT ARE TO BE MOVED BY MOTOR OR WATER CARRIERS.

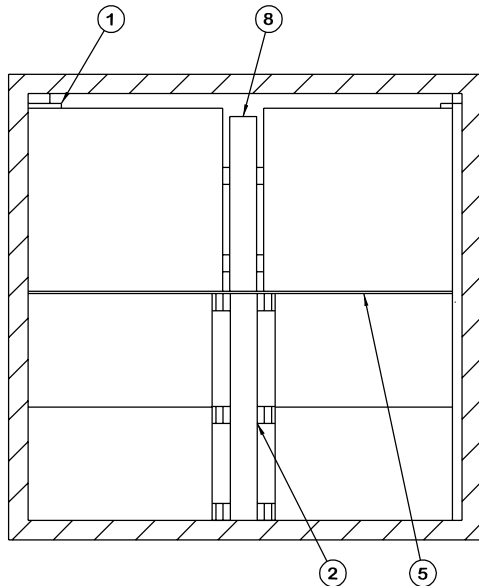
## U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND  	ENGINEER	BASIC		<b>DO NOT SCALE</b>			
		REV.		WEBSITE: <a href="http://www.dac.army.mil">HTTP://WWW.DAC.ARMY.MIL</a>			
	TECHNICIAN	BASIC	<b>PATRICK DOUGHERTY</b>	<b>FEBRUARY 2001</b>			
	REV.	<b>PATRICK DOUGHERTY</b>	REVISION NO. 1		MARCH 2002		
	DRAFTSMAN	BASIC		SEE THE REVISION LISTING ON PAGE 3			
		REV.		CLASS	DIVISION	DRAWING	FILE
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND  	TRANSPORTATION ENGINEERING DIVISION		<i>Kenneth A. Zeff</i>	19	48	8715	SP15M9
	VALIDATION ENGINEERING DIVISION		<i>Gregory A. [unclear]</i>				
U.S. ARMY DEFENSE AMMUNITION CENTER	ENGINEERING DIRECTORATE		<i>William R. [unclear]</i>				



**KEY NUMBERS**

- ① END BLOCKING ASSEMBLY (2 REQD). SEE END BLOCKING ASSEMBLY DETAIL ON PAGE 6.
- ② CRIB FILL (2 REQD). SEE CRIB FILL "A" DETAIL ON PAGE 5.
- ③ CENTER GATE (4 REQD). SEE CENTER GATE "A" DETAIL ON PAGE 7.
- ④ STRUT, 4" X 4" BY CUT TO FIT (REF: 12-3/4") (8 REQD). POSITION SO AS TO BE BETWEEN THE CENTER GATES, PIECES MARKED ③. TOENAIL TO THE CENTER GATES W/2-12d NAILS AT EACH END.
- ⑤ DECKING, PLYWOOD, 1/2" THICK BY 48" WIDE BY 7'-4" LONG (4 REQD) AND 1/2" THICK BY 22" WIDE BY 7'-4" LONG (1 REQD). POSITION ON TOP OF THE BOMB PALLET UNITS. NOTE THAT HOLES MAY BE DRILLED OR CUT TO ALLOW FOR THE PALLET STACKING PINS.
- ⑥ CENTER GATE (4 REQD). SEE CENTER GATE "B" DETAIL ON PAGE 7. POSITION BETWEEN THE CNU-336A/E CONTAINERS IN THE THIRD LAYER.
- ⑦ SOLID FILL, 6" WIDE MATERIAL BY 36" LONG BY THICKNESS AS REQUIRED SO AS TO PROVIDE FOR A TIGHT LOAD. SEE GENERAL NOTE "E" ON PAGE 2.
- ⑧ CRIB FILL (4 REQD). SEE THE CRIB FILL "B" DETAIL ON PAGE 5. POSITION BETWEEN THE CNU-336A/E CONTAINERS ON THE THIRD LAYER.



- J. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM AND ONE POUND EQUALS 0.454 KG.
- K. REQUIREMENTS CITED WITHIN THE ASSOCIATION OF AMERICAN RAILROADS (AAR) INTERMODAL LOADING GUIDE APPLY WHEN THE SHIPMENT MOVES BY TRAILER/CONTAINER-ON-FLATCAR (T/COFC). SPECIAL T/COFC NOTES FOLLOW:
  - 1. A LOADED CONTAINER MUST BE ON A CHASSIS EQUIPPED WITH TWO BOGIE ASSEMBLIES WHEN BEING MOVED IN TOFC SERVICE.
  - 2. THE LOAD LIMIT OF A T/COFC RAILCAR MUST NOT BE EXCEEDED, NOR WILL A CAR BE LOADED SO THAT THE TRUCK UNDER ONE END OF THE CAR CARRIES MORE THAN ONE-HALF OF THE LOAD LIMIT FOR THAT CAR.
- L. DURING INTRASTATE AND/OR INTERSTATE MOVES BY MOTOR CARRIER, A PROPER CHASSIS OR MODIFIED FLATBED TRAILER MUST BE USED TO PRECLUDE VIOLATION OF ONE OR MORE "WEIGHT LAWS" APPLICABLE TO THE STATE OR STATES INVOLVED.
- M. WHETHER A CONTAINER IS FULL OR IS LOADED WITH A REDUCED QUANTITY OF LADING UNITS, THE LENGTHWISE CENTER OF GRAVITY OF THE LOAD MUST BE WITHIN 12", IN EITHER DIRECTION, OF THE MID-POINT OF THE CONTAINER.
- N. ANTI-CHAFING MATERIAL, CONSISTING OF NEUTRAL BARRIER MATERIAL, PLYWOOD, OR HARDBOARD, MAY BE INSTALLED AT POINTS OF CONTACT BETWEEN THE LADING AND THE SIDE OPENING CONTAINER TO PREVENT CHAFING DAMAGE TO CONTAINER PAINT AND MARKINGS.

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. THE OUTLOADING PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE TO LOADS OF MK84 HIGH DRAG 2,000 LB BOMBS AND ASSOCIATED COMPONENTS IN A SIDE OPENING CONTAINER. SUBSEQUENT REFERENCE TO CONTAINER HEREIN MEANS THE CONTAINER WITH MK84 BOMBS AND COMPONENTS. SEE PAGE 4 FOR DETAILS OF THE COMPONENTS. CAUTION: REGARDLESS OF THE QUANTITY OF UNITS TO BE SHIPPED, THE "MAXIMUM GROSS WEIGHT" OF THE SIDE OPENING ISO CONTAINER MUST NOT BE EXCEEDED.
- C. THE LOAD AS SHOWN IS BASED ON 6,050 POUND 20' LONG BY 8' WIDE BY 8'-6" HIGH SIDE OPENING ISO CONTAINER WITH INSIDE DIMENSIONS OF 19'-4" LONG BY 89" WIDE BY 88" HIGH AND A MAXIMUM GROSS WEIGHT OF 52,910 POUNDS. THE LOAD IS DESIGNED FOR TRAILER/CONTAINER-ON-FLATCAR (T/COFC) SHIPMENT, HOWEVER, THE LOAD AS DESIGNED CAN ALSO BE MOVED BY MOTOR OR WATER CARRIERS. NOTICE: OTHER CONTAINERS OF THE SAME DESIGN CONFIGURATION CAN ALSO BE USED.
- D. WHEN LOADING THE UNITS, THEY ARE TO BE POSITIONED SO AS TO ACHIEVE A TIGHT LOAD (TIGHT AGAINST THE DUNNAGE ASSEMBLIES). THE UNBLOCKED SPACE ACROSS THE WIDTH OF A LOAD BAY IS NOT TO EXCEED 1-1/2". EXCESSIVE SLACK CAN BE ELIMINATED FROM A LOAD BY LAMINATING ADDITIONAL PIECES OF APPROPRIATE THICKNESS TO THE SIDE FILL ASSEMBLIES. NAIL EACH ADDITIONAL PIECE TO THE VERTICAL PIECE W/1 APPROPRIATELY SIZED NAIL EVERY 12". ADDITIONALLY, THE THICKNESS AND QUANTITY OF THE DUNNAGE LUMBER USED MAY BE ADJUSTED AS REQUIRED TO FACILITATE VARIANCE IN THE SIZE OF THE CONTAINER.
- E. DUNNAGE LUMBER SPECIFIED IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE AND 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.
- F. A STAGGERED NAILING PATTERN WILL BE USED WHENEVER POSSIBLE WHEN NAILS ARE DRIVEN INTO JOINTS OF DUNNAGE ASSEMBLIES OR WHEN LAMINATING DUNNAGE. ADDITIONALLY, THE NAILING PATTERN FOR AN UPPER PIECE OF LAMINATED DUNNAGE WILL BE ADJUSTED AS REQUIRED SO THAT A NAIL FOR THAT PIECE WILL NOT BE DRIVEN THROUGH ONTO OR RIGHT BESIDE A NAIL IN A LOWER PIECE.
- G. IN SOME CONTAINERS THERE IS A SLOT AT THE CORNERS OF THE ENDWALLS. PIECES OF DUNNAGE MATERIAL MUST BE LAMINATED TO THE BUFFER PIECES ON THE END BLOCKING ASSEMBLIES TO PROVIDE A FLAT SURFACE FOR THE BUFFER PIECES. A PIECE OF 2" X 4", 2" X 3" OR A SPECIAL WIDTH PIECE CUT-TO-FIT CAN BE USED. THIS FILL PIECE WILL BE NAILED WITH ONE APPROPRIATELY SIZED NAIL EVERY 12". NOTE THAT SOME CONTAINERS ARE EQUIPPED WITH "TIE-BARS" IN THE CORNER SLOT, WHICH PRECLUDE THE USE OF A FULL HEIGHT FILL PIECE. WHEN "TIE-BARS" ARE PRESENT, THE FILL PIECE MUST BE INSTALLED IN SEGMENTS DESIGNED TO FIT BETWEEN THE "TIE-BARS" VERTICALLY. THE FILL PIECE(S) IS NOT REQUIRED WHEN THE CORNER PORTIONS OF THE CONTAINER ENDWALLS ARE SMOOTH AND FLAT. DO NOT ALLOW ANY DUNNAGE ASSEMBLY TO CONTACT THE CONTAINER ENDWALLS, ONLY THE CORNER POSTS OF THE CONTAINER SHOULD BE USED FOR LONGITUDINAL BLOCKING.
- H. CAUTION: DO NOT NAIL DUNNAGE MATERIAL TO THE CONTAINER WALLS OR FLOOR. ALL NAILING WILL BE WITHIN THE DUNNAGE. PORTIONS OF THE CONTAINER DEPICTED WITHIN THIS DRAWING, SUCH AS THE SIDE DOORS, HAVE NOT BEEN SHOWN IN THE LOAD VIEW FOR CLARITY PURPOSES.

REVISION

REVISION NO. 1, DATED MARCH 2002, CONSISTS OF:

- 1. ADDING LOADING PROCEDURES FOR 12 COMPLETE ROUNDS.
- 2. ADDING PAGES 9 THROUGH 12.

LOAD AS SHOWN

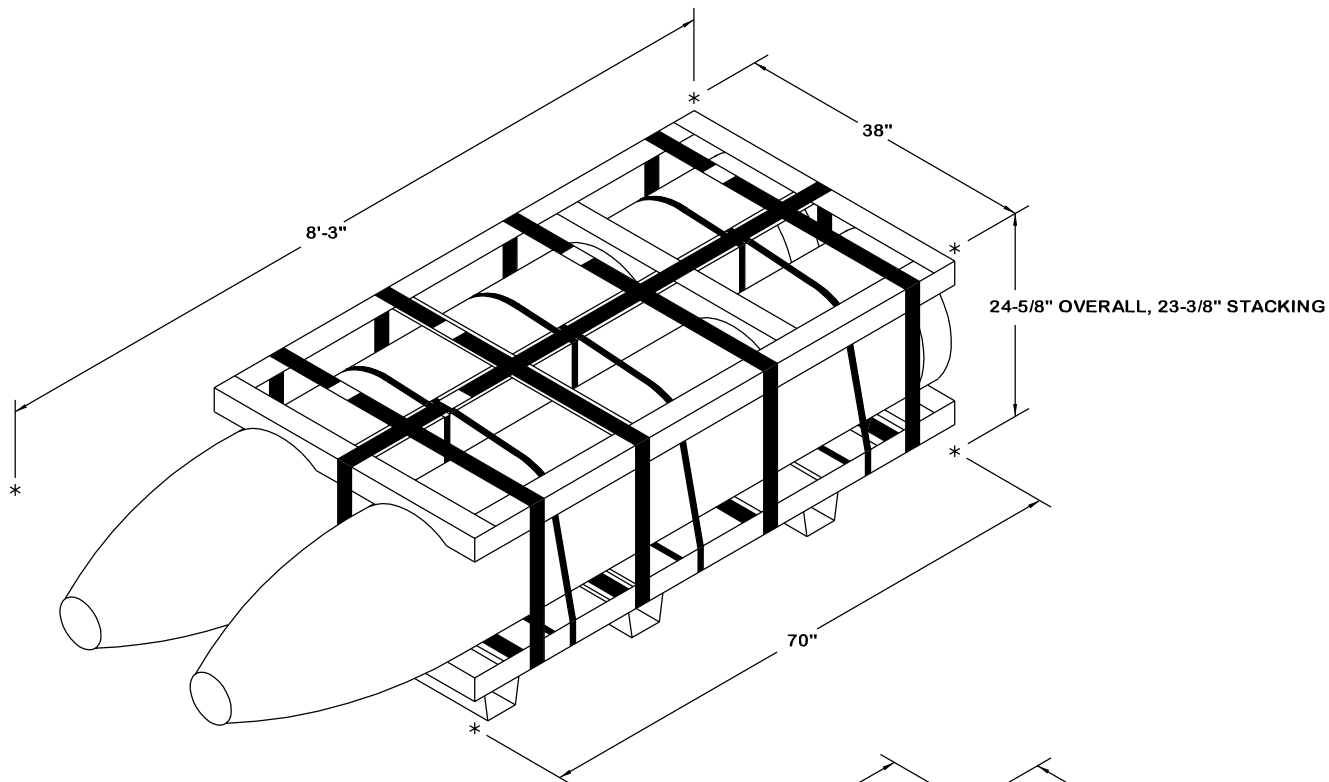
ITEM	QUANTITY	WEIGHT (APPROX)
BOMB PALLET UNIT	8	32,992 LBS
CNU-336A/E CONTAINER		
WITH BSU-50B FINS	8	4,472 LBS
G008 BOX	2	72 LBS
FW26 BOX	2	52 LBS
G119 CAN	3	117 LBS
DUNNAGE		1,227 LBS
CONTAINER		6,050 LBS
TOTAL WEIGHT		44,982 LBS (APPROX)

(CONTINUED AT LEFT)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	70	24
2" X 2"	17	6
2" X 4"	207	138
2" X 6"	314	314
4" X 4"	9	12
NAILS	NO. REQD	POUNDS
6d (2")	488	3
10d (3")	324	5
12d (3-1/4")	32	3/4
PLYWOOD, 1/2"	130.77 SQ FT REQD	119.87 LBS
PLYWOOD, 3/4"	79.44 SQ FT REQD	109.23 LBS

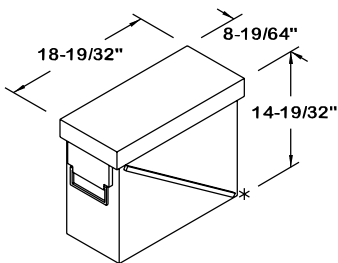
MATERIAL SPECIFICATIONS

- LUMBER - - - - - : SEE TM 743-200-1 (DUNNAGE LUMBER) AND VOLUNTARY PRODUCT STANDARD PS 20.
- NAILS - - - - - : ASTM F1667; COMMON STEEL NAIL (NLCMS OR NLCMMS).
- PLYWOOD - - - - - : COMMERCIAL ITEM DESCRIPTION A-A-55057, INDUSTRIAL PLYWOOD, INTERIOR WITH EXTERIOR GLUE, GRADE C-D. IF SPECIFIED GRADE IS NOT AVAILABLE, A BETTER INTERIOR OR AN EXTERIOR GRADE MAY BE SUBSTITUTED.
- ANTI-CHAFING MATERIAL - - - - - : MIL-B-121 (OR EQUAL); NEUTRAL BARRIER MATERIAL.
- HARDBOARD - - - - - : ANSI/AHA A135.4, CLASS 1.



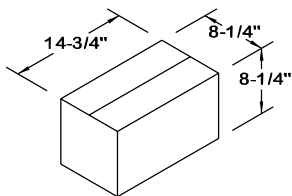
**MK84 BOMB PALLET UNIT (F275)**

BOMB - - - - - 2 EACH @ 1920 LBS (APPROX)  
 CUBE - - - - - 53.6 CU. FT. (APPROX)  
 GROSS WEIGHT - - - - - 4,124 LBS (APPROX)



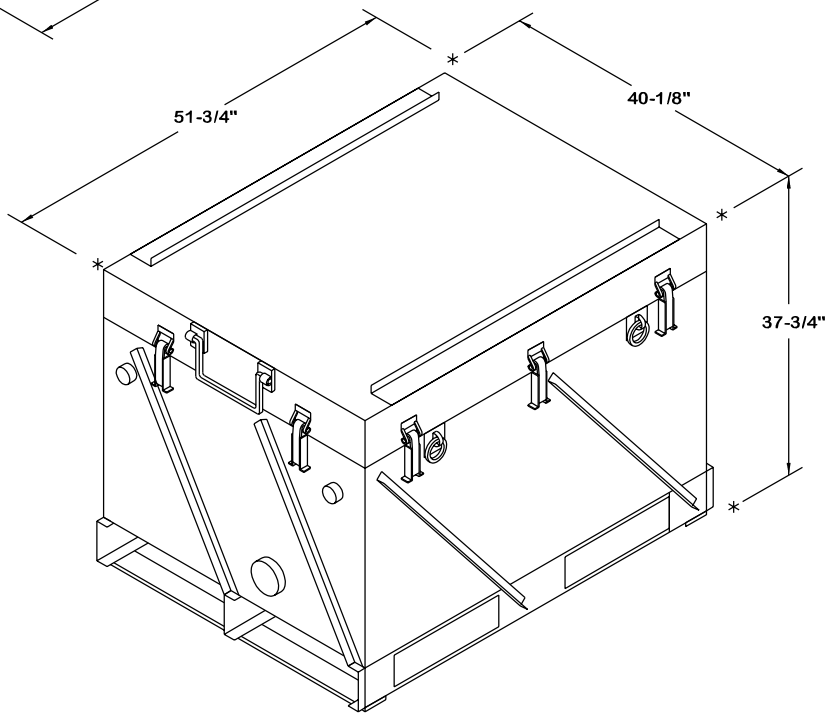
**FUZE SET (G119) IN M548 METAL BOX**

GROSS WEIGHT - - - - - 39 LBS (APPROX)  
 CUBE - - - - - 1.3 CUBIC FEET (APPROX)



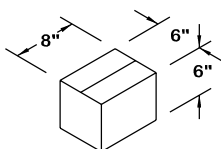
**NOSE PLUG (G008) IN FIBERBOARD BOX**

GROSS WEIGHT - - - - - 36 LBS (APPROX)  
 CUBE - - - - - 0.58 CUBIC FEET (APPROX)



**CNU-336A/E CONTAINER (GY26)**

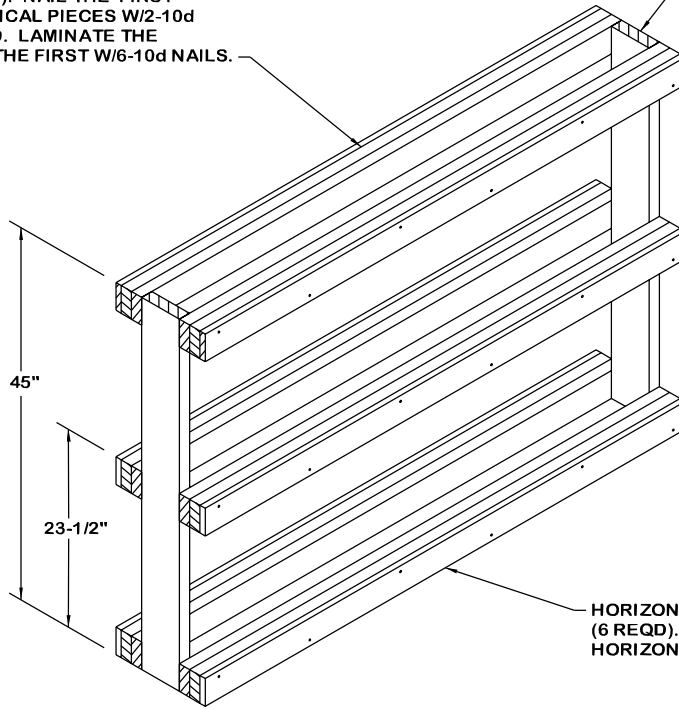
CNU-336A/E CONTAINER WITH 2 EACH BSU-50/B ASSEMBLIES  
 GROSS WEIGHT - - - - - 559 LBS (APPROX)  
 CUBE - - - - - 45.4 CUBIC FEET (APPROX)



**SUPPORT CUP (FW26) IN FIBERBOARD BOX**

GROSS WEIGHT - - - - - 26 LBS (APPROX)  
 CUBE - - - - - 0.17 CUBIC FEET (APPROX)

HORIZONTAL PIECE, 2" X 4" X 70"  
(DOUBLED) (6 REQD). NAIL THE FIRST  
PIECE TO THE VERTICAL PIECES W/2-10d  
NAILS AT EACH END. LAMINATE THE  
SECOND PIECE TO THE FIRST W/6-10d NAILS.

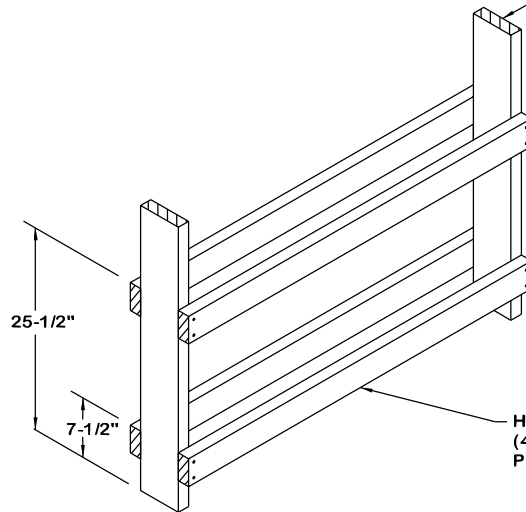


VERTICAL PIECE, 2" X  
6" X 45" (2 REQD).

HORIZONTAL PIECE, 1" X 4" X 70"  
(6 REQD). LAMINATE TO THE 2" X 4"  
HORIZONTAL PIECES W/6-6d NAILS.

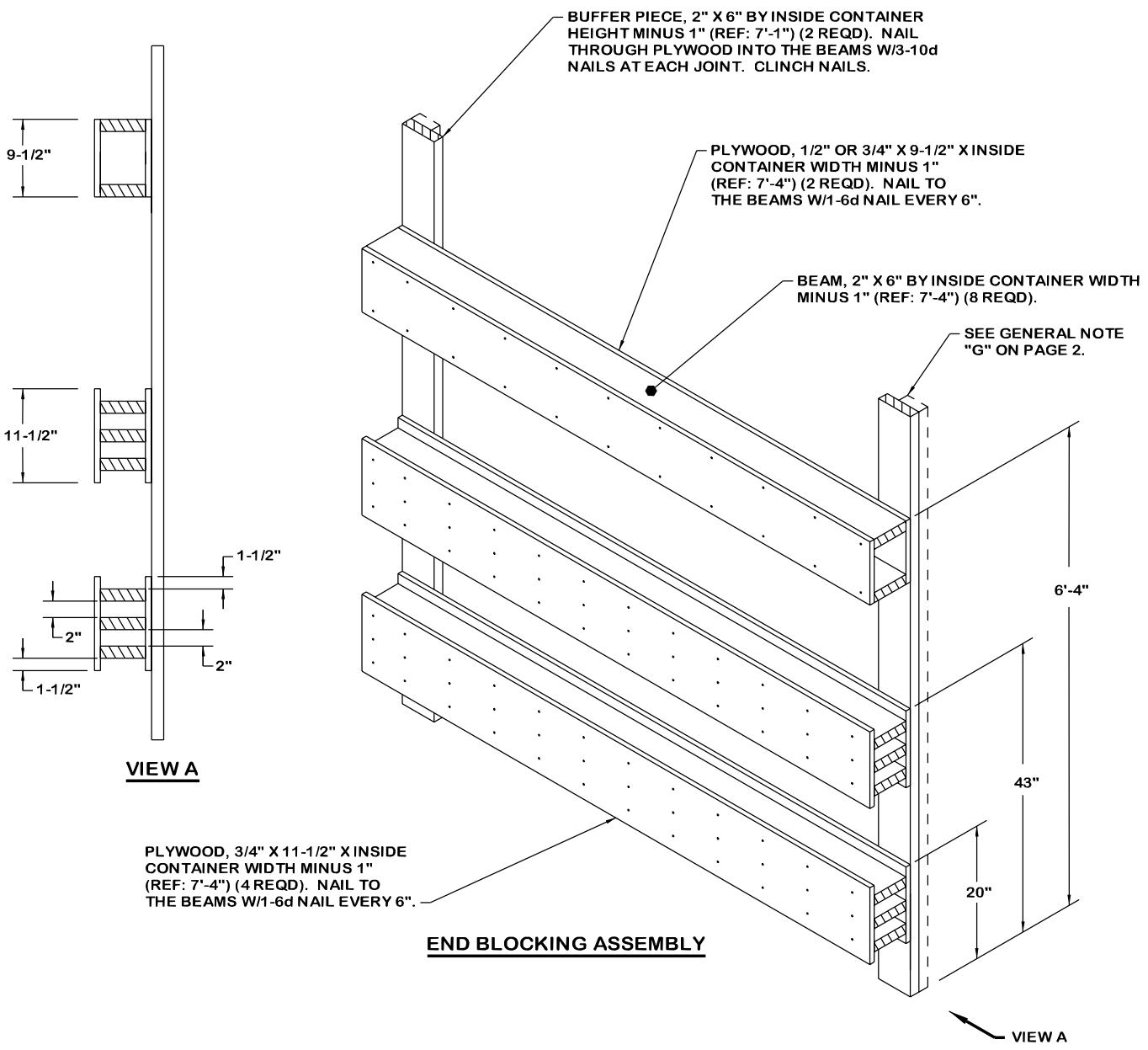
**CRIB FILL A**

VERTICAL PIECE, 2" X 6"  
X 40" (2 REQD).



HORIZONTAL PIECE, 2" X 4" X 50"  
(4 REQD). NAIL TO THE VERTICAL  
PIECES W/2-10d NAILS AT EACH END.

**CRIB FILL B**



BUFFER PIECE, 2" X 6" BY INSIDE CONTAINER HEIGHT MINUS 1" (REF: 7'-1") (2 REQD). NAIL THROUGH PLYWOOD INTO THE BEAMS W/3-10d NAILS AT EACH JOINT. CLINCH NAILS.

PLYWOOD, 1/2" OR 3/4" X 9-1/2" X INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-4") (2 REQD). NAIL TO THE BEAMS W/1-6d NAIL EVERY 6".

BEAM, 2" X 6" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-4") (8 REQD).

PLYWOOD, 3/4" X 11-1/2" X INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-4") (4 REQD). NAIL TO THE BEAMS W/1-6d NAIL EVERY 6".

CLEAT, 2" X 4" X 12" (2 REQD PER BOX). NAIL TO THE STRUT W/4-10d NAILS. TOENAIL TO CROSS BLOCKING W/1-10d NAIL.

HOLD DOWN, 2" X 4" X LENGTH TO SUIT (1 REQD). NAIL THROUGH FILLER INTO STRUT W/2-10d NAILS AT EACH END.

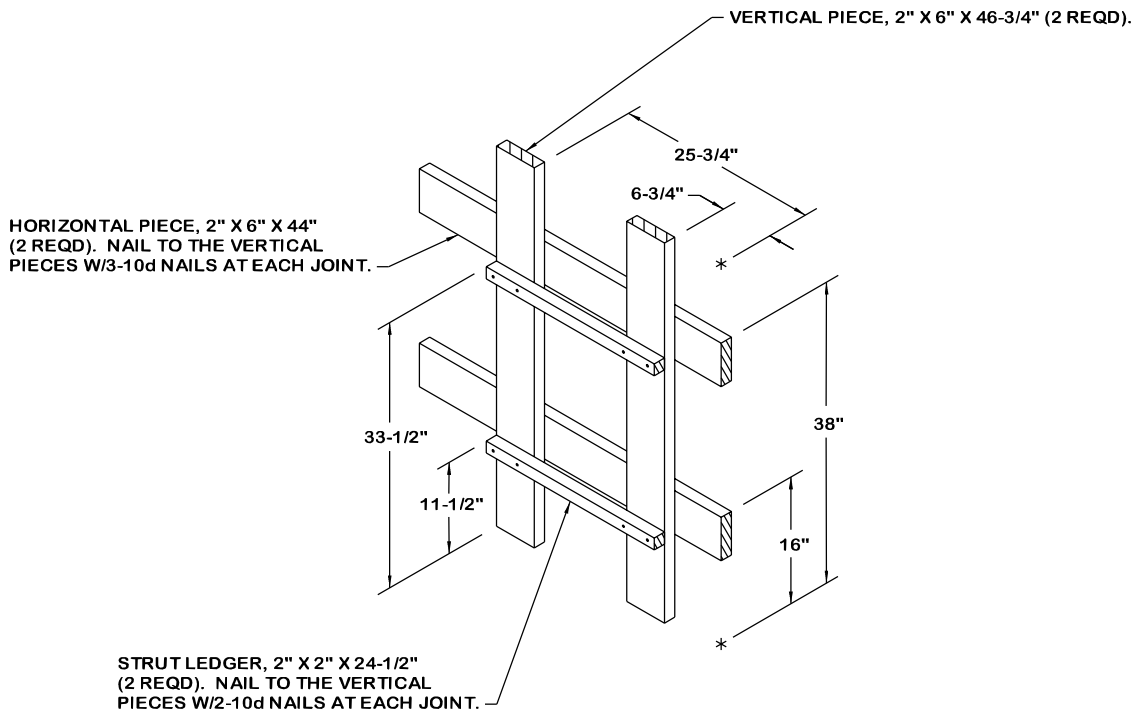
INDICATES STRUT.

FILLER, 4" WIDE MATERIAL BY THICKNESS AS REQUIRED (2 REQD). NAIL TO THE STRUTS W/2 APPROPRIATELY SIZED NAILS AT EACH END.

CROSS BLOCKING, 2" X 4" BY CUT TO FIT BETWEEN THE STRUTS (2 REQD PER BOX).

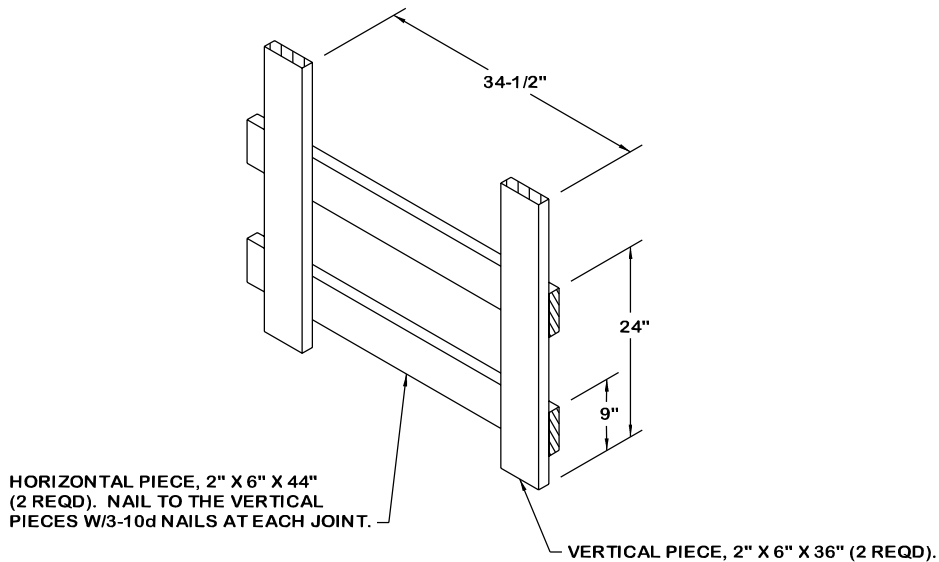
**SECUREMENT OF MISCELLANEOUS BOXES**

MISCELLANEOUS BOXES MAY ALSO BE PLACED IN THE VOID AREA BETWEEN THE LOAD BEARING PIECES OF THE CRIB FILL ASSEMBLIES. ADJUSTMENTS TO THE ABOVE DETAIL MAY BE MADE SO AS TO PROVIDE FOR SIMILAR SECUREMENT TO THE CRIB FILL ASSEMBLIES.



**CENTER GATE A**

A RIGHT HAND GATE IS SHOWN. THE LOAD AS SHOWN ON PAGE 2 REQUIRES TWO RIGHT HAND AND TWO LEFT HAND GATES. **NOTE:** THE VERTICAL PIECES MUST BE IN ALIGNMENT WITH THE NOSE END OF THE BOMBS.



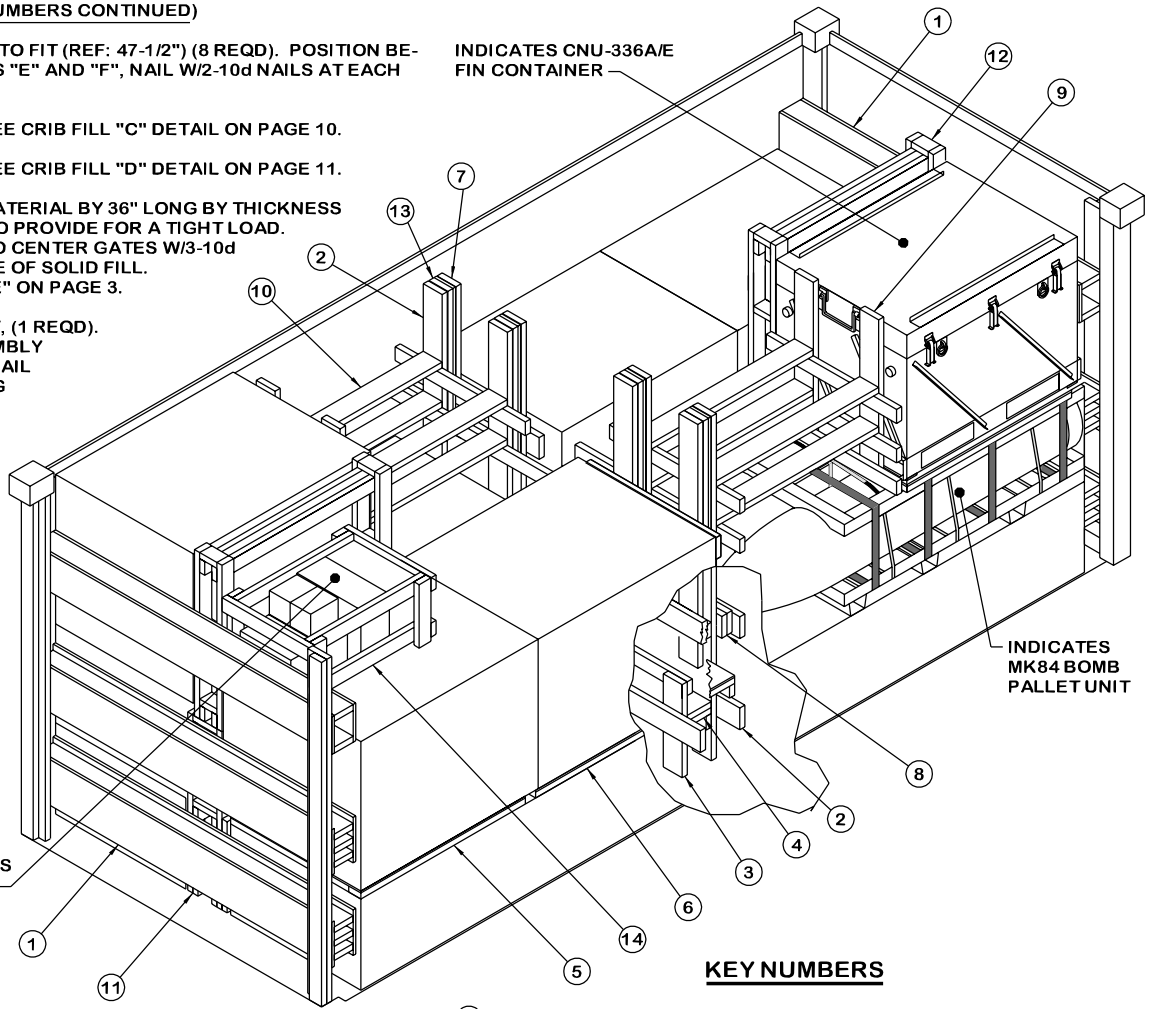
**CENTER GATE B**

A RIGHT HAND GATE IS SHOWN. THE LOAD AS SHOWN ON PAGE 2 REQUIRES TWO RIGHT HAND AND TWO LEFT HAND GATES.

(KEY NUMBERS CONTINUED)

- ⑩ STRUT, 2" X 6" BY CUT TO FIT (REF: 47-1/2") (8 REQD). POSITION BETWEEN CENTER GATES "E" AND "F", NAIL W/2-10d NAILS AT EACH END.
- ⑪ CRIB FILL (2 REQD). SEE CRIB FILL "C" DETAIL ON PAGE 10.
- ⑫ CRIB FILL (2 REQD). SEE CRIB FILL "D" DETAIL ON PAGE 11.
- ⑬ SOLID FILL, 6" WIDE MATERIAL BY 36" LONG BY THICKNESS AS REQUIRED SO AS TO PROVIDE FOR A TIGHT LOAD. TOENAIL SOLID FILL TO CENTER GATES W/3-10d NAILS FOR EACH PIECE OF SOLID FILL. SEE GENERAL NOTE "E" ON PAGE 3.
- ⑭ RESTRAINT ASSEMBLY, (1 REQD). SEE RESTRAINT ASSEMBLY DETAIL ON PAGE 12. NAIL TO THE END BLOCKING ASSEMBLY W/3/10d NAILS.

INDICATES CNU-336A/E FIN CONTAINER



INDICATES SECUREMENT OF MISCELLANEOUS BOXES IN RESTRAINT ASSEMBLY.

INDICATES MK84 BOMB PALLET UNIT

**ISOMETRIC VIEW**

**LOAD AS SHOWN**

ITEM	QUANTITY	WEIGHT (APPROX)
BOMB PALLET UNIT	6	24,744 LBS
CNU-336A/E CONTAINER WITH BSU-50B FINS	6	3,354 LBS
G008 BOX	2	72 LBS
FW26 BOX	2	52 LBS
G119 CAN	2	78 LBS
DUNNAGE		1,518 LBS
CONTAINER		6,050 LBS
<b>TOTAL WEIGHT</b>		<b>35,868 LBS (APPROX)</b>

**KEY NUMBERS**

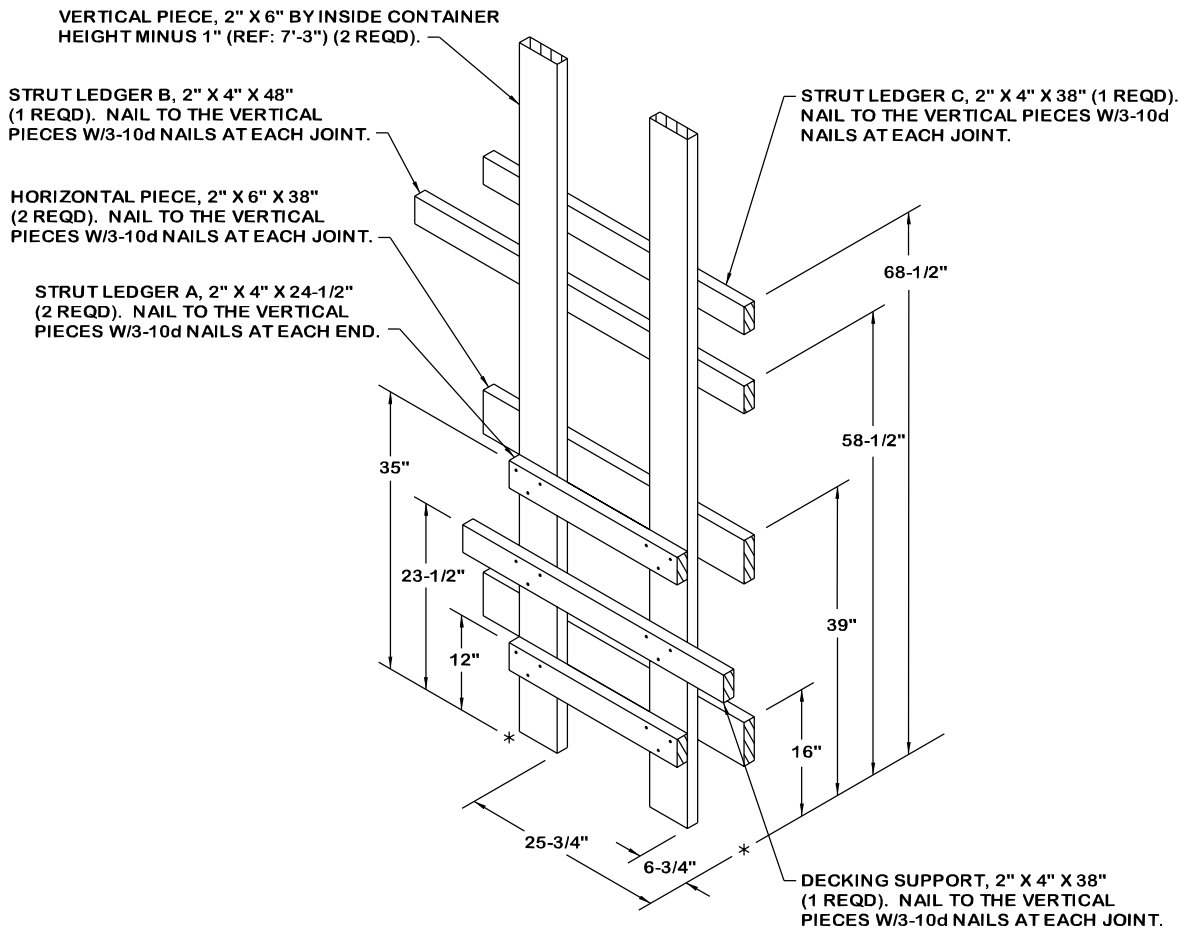
- ① END BLOCKING ASSEMBLY (2 REQD). SEE END BLOCKING ASSEMBLY DETAIL ON PAGE 6.
- ② CENTER GATE (2 REQD). SEE CENTER GATE "C" DETAIL ON PAGE 9.
- ③ CENTER GATE (2 REQD). SEE CENTER GATE "D" DETAIL ON PAGE 9.
- ④ STRUT, 2" X 6" BY CUT TO FIT (REF: 10") (4 REQD) (DOUBLED). POSITION BETWEEN CENTER GATES "C" AND "D", NAIL THE FIRST PIECE TO THE STRUT LEDGER BOARDS W/2-10d NAILS AT EACH END. LAMINATE THE SECOND BOARD TO THE FIRST W/3-10d NAILS.
- ⑤ DECKING ASSEMBLY (4 REQD). SEE DECKING ASSEMBLY "A" DETAIL ON PAGE 11. PLACE THE DECKING ASSEMBLY "A" ON TOP OF THE ONE HIGH AND TWO HIGH BOMB PALLET UNITS TOWARDS THE END WALL. NOTE: DRILL HOLES THROUGH THE DECKING ASSEMBLY AS REQUIRED FOR ALIGNMENT PINS ON TOP OF THE MK79 BOMB PALLET UNITS.
- ⑥ DECKING ASSEMBLY (2 REQD). SEE DECKING ASSEMBLY "B" DETAIL ON PAGE 11. PLACE THE DECKING ASSEMBLY "B" ON TOP OF THE ONE HIGH BOMB PALLET UNITS WITH ONE END ON TOP OF CENTER GATE "D" DECKING SUPPORT PIECE. NAIL THROUGH THE PLYWOOD AND STRINGERS INTO THE DECKING SUPPORT PIECE W/3-12d NAILS. NOTE: DRILL HOLES THROUGH THE DECKING ASSEMBLY AS REQUIRED FOR ALIGNMENT PINS ON TOP OF THE MK79 BOMB PALLET UNITS.
- ⑦ CENTER GATE (2 REQD). SEE CENTER GATE "E" DETAIL ON PAGE 10. POSITION THE GATE ON TOP OF THE ONE HIGH BOMB PALLET UNIT AGAINST THE CNU-336A/E CONTAINER.
- ⑧ SOLID FILL, 6" WIDE MATERIAL BY 36" LONG BY THICKNESS AS REQUIRED SO AS TO PROVIDE FOR A TIGHT LOAD. POSITION SOLID FILL BETWEEN THE CENTER GATES "C" AND "E" IN ALIGNMENT WITH THE NOSE END OF THE BOMBS ON THE TWO HIGH LAYER. TOENAIL SOLID FILL TO CENTER GATES W/3-10d NAILS FOR EACH PIECE OF SOLID FILL. SEE GENERAL NOTE "E" ON PAGE 3.
- ⑨ CENTER GATE (2 REQD). SEE CENTER GATE "F" DETAIL ON PAGE 10. POSITION THE GATE ON TOP OF THE TWO HIGH BOMB PALLET UNITS AGAINST THE CNU-336A/E CONTAINERS.

(CONTINUED AT TOP LEFT)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
2" X 4"	445	297
2" X 6"	317	317
NAILS	NO. REQD	POUNDS
6d (2")	540	3-1/4
10d (3")	694	10-1/2
PLYWOOD, 1/2"	81.29 SQ FT REQD	111.78 LBS
PLYWOOD, 3/4"	79.45 SQ FT REQD	163.87 LBS

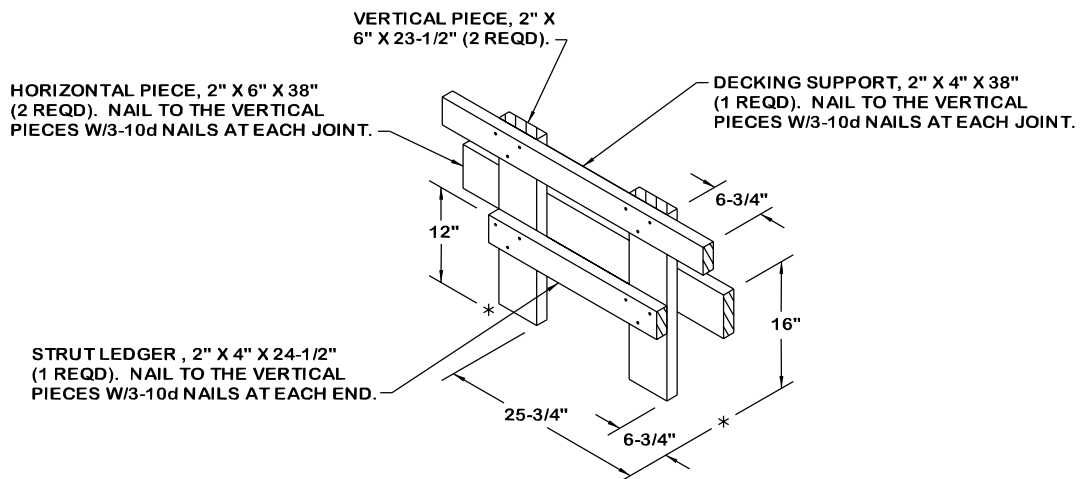
**12 COMPLETE ROUND LOAD**





**CENTER GATE C**

**NOTE: THE VERTICAL PIECES MUST BE IN ALIGNMENT WITH THE NOSE END OF THE BOMBS.**



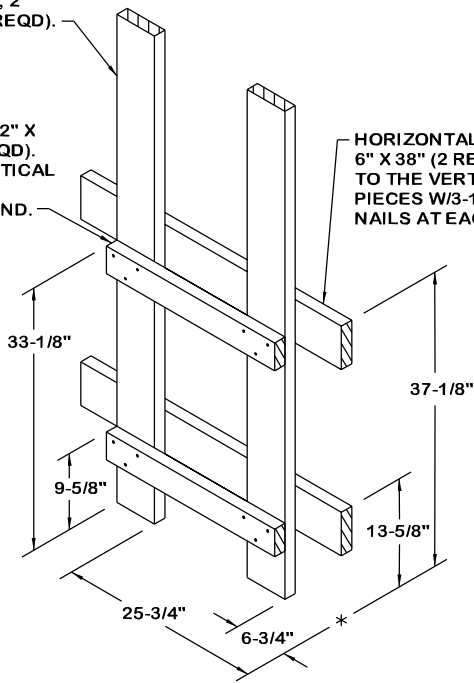
**CENTER GATE D**

**NOTE: THE VERTICAL PIECES MUST BE IN ALIGNMENT WITH THE NOSE END OF THE BOMBS.**

VERTICAL PIECE, 2" X 6" X 61-5/8" (2 REQD).

STRUT LEDGER, 2" X 4" X 24-1/2" (2 REQD). NAIL TO THE VERTICAL PIECES W/3-10d NAILS AT EACH END.

HORIZONTAL PIECE, 2" X 6" X 38" (2 REQD). NAIL TO THE VERTICAL PIECES W/3-10d NAILS AT EACH JOINT.

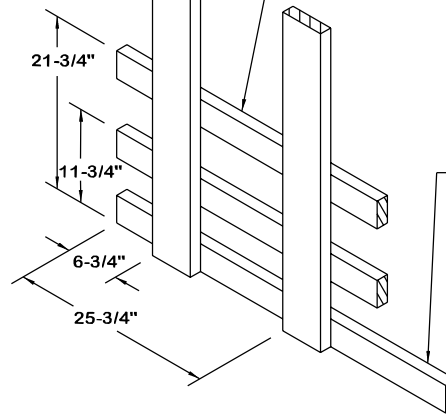


**CENTER GATE E**

NOTE: THE VERTICAL PIECES MUST BE IN ALIGNMENT WITH THE NOSE END OF THE BOMBS.

VERTICAL PIECE, 2" X 6" X 40-1/4" (2 REQD).

STRUT LEDGER, 2" X 4" X 38" (2 REQD). NAIL TO THE VERTICAL PIECES W/3-10d NAILS AT EACH JOINT.



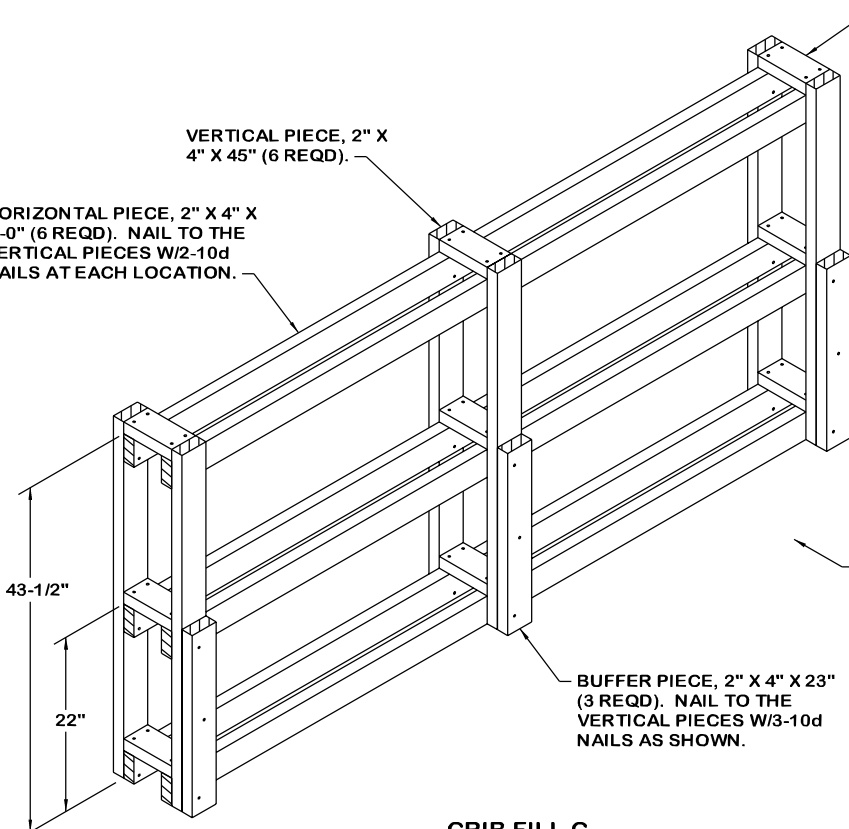
SUPPORT PIECE, 2" X 4" X 48" (1 REQD). NAIL TO THE VERTICAL PIECES W/3-10d NAILS AT EACH JOINT.

**CENTER GATE F**

NOTE: THE VERTICAL PIECES MUST BE POSITIONED AGAINST THE CNU-336A/E CONTAINERS.

VERTICAL PIECE, 2" X 4" X 45" (6 REQD).  
HORIZONTAL PIECE, 2" X 4" X 8'-0" (6 REQD). NAIL TO THE VERTICAL PIECES W/2-10d NAILS AT EACH LOCATION.

SPACER PIECE, 2" X 4" X 7" (9 REQD). NAIL TO THE HORIZONTAL PIECES W/2-10d NAILS AT EACH END.



POSITION THE BUFFER PIECES AGAINST THE ONE HIGH MK79 BOMB PALLET UNIT.

BUFFER PIECE, 2" X 4" X 23" (3 REQD). NAIL TO THE VERTICAL PIECES W/3-10d NAILS AS SHOWN.

**CRIB FILL C**

HORIZONTAL PIECE, 2" X 4" X 49-1/2" (6 REQD). NAIL TO THE VERTICAL PIECES W/2-10d NAILS AT EACH LOCATION.

SPACER PIECE, 2" X 4" X 5" (6 REQD). NAIL TO THE HORIZONTAL PIECES W/2-10d NAILS AT EACH END.

VERTICAL PIECE, 2" X 4" X 42" (6 REQD).

40-1/2"

22"

**CRIB FILL D**

PLYWOOD, 1/2" THICK BY 38" WIDTH BY 48" LENGTH (1 REQD). NAIL THROUGH PLYWOOD INTO STRINGERS W/1-6d NAIL EVERY 8".

STRINGER, 2" X 4" X 48" (3 REQD).

38"

20-3/4"

**DECKING ASSEMBLY A**

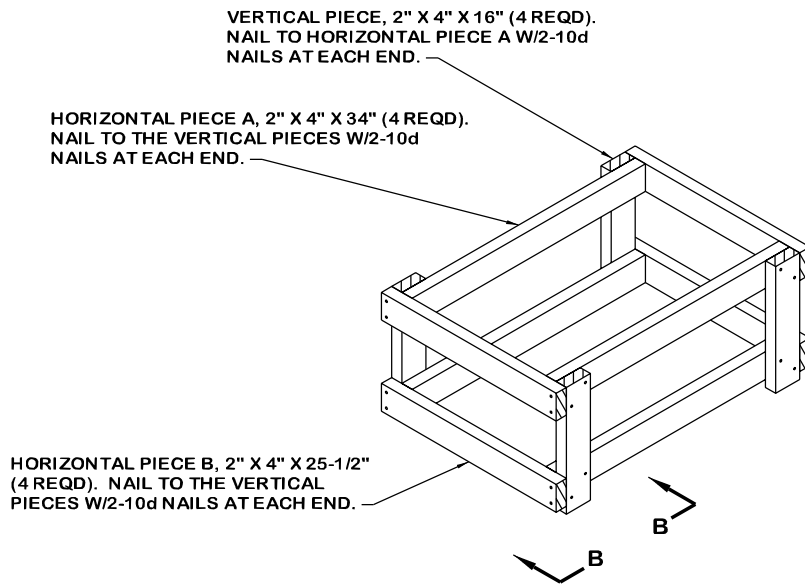
PLYWOOD, 1/2" THICK BY 38" WIDTH BY 58" LENGTH (1 REQD). NAIL THROUGH PLYWOOD INTO STRINGERS W/1-6d NAIL EVERY 8".

STRINGER, 2" X 4" X 58" (3 REQD).

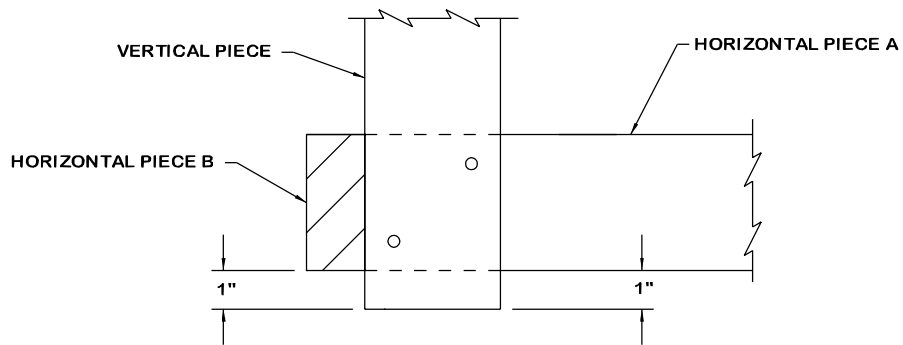
38"

20-3/4"

**DECKING ASSEMBLY B**



**RESTRAINT ASSEMBLY**



**SECTION B-B**