

LOADING AND BRACING[⊕] IN SIDE OPENING ISO CONTAINERS OF 2,000 POUND GUIDED BOMB UNITS GBU-31(V)3, COMPLETE ROUND

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REVISION

REVISION NO. 1, DATED FEBRUARY 2014, CONSISTS OF:

1. ADDING ADDITIONAL ITEMS TO LOADING PROCEDURE
2. ADDING ALTERNATE LOADING PROCEDURE

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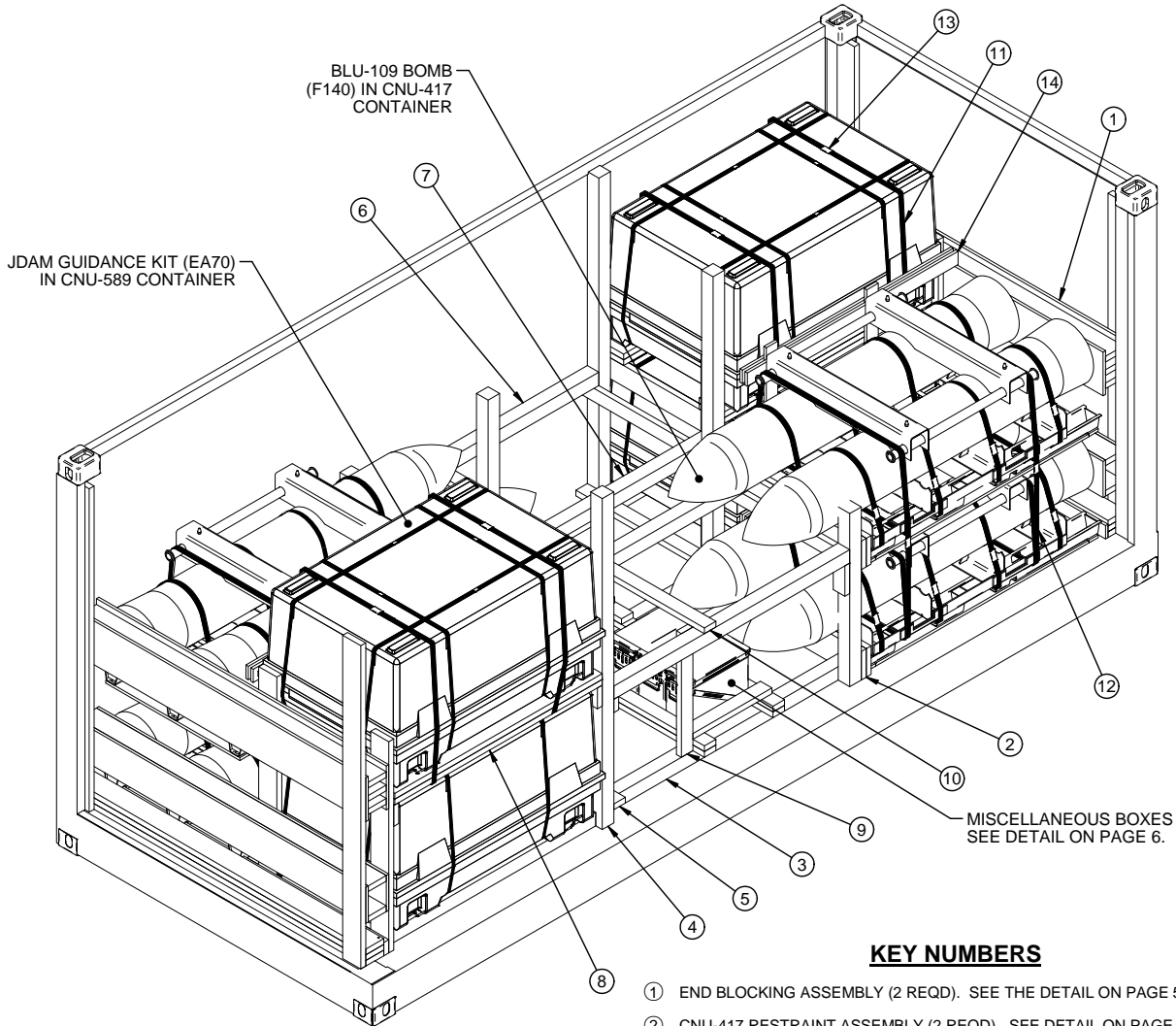
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⊕ THE PROCEDURES SHOWN HEREIN ARE APPLICABLE TO LOADS THAT ARE TO
BE SHIPPED BY TRAILER/CONTAINER-ON-FLATCAR (T/COFC) RAIL, MOTOR, OR
WATER CARRIERS.

U.S. ARMY MATERIEL COMMAND DRAWING

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PROJECT SP 422-01



ISOMETRIC VIEW

(KEY NUMBERS CONTINUED)

- ⑧ STRUT, 2" X 8" BY CUT-TO-FIT (REF: 63") (DOUBLED) (4 REQD). LAMINATE BOARDS W/8-10d NAILS. POSITION ON TOP OF THE STRUT LEDGERS, BETWEEN THE VERTICAL RESTRAINT OF THE END BLOCKING ASSEMBLY AND THE VERTICAL PIECES OF CNU-589 RESTRAINT ASSEMBLY. **NOTE:** ADJUST LATERAL POSITION TO PROVIDE BEARING SURFACE FOR THE CNU-589 CONTAINER. TOENAIL AT EACH END W/2-12d NAILS. SEE PLAN VIEW OF TOP STRUTS ON PAGE 8.
- ⑨ VERTICAL SUPPORT, 2" X 4" X 32-1/2" (4 REQD). POSITION VERTICALLY ON TOP OF THE BOTTOM STRUT AND AGAINST THE SIDE OF THE UPPER STRUT. TOENAIL TO THE BOTTOM STRUT ASSEMBLY W/2-10d NAILS AND TO THE UPPER STRUT W/2-12d NAILS.
- ⑩ HORIZONTAL SUPPORT, 2" X 4" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-4") (1 REQD). POSITION ACROSS THE TOP STRUTS AS SHOWN. NAIL TO EACH STRUT W/2-12d NAILS.
- ⑪ BUNDLING STRAP, STEEL STRAPPING, 1-1/4" X .035" OR .031" OR .029" X 14'-0" LONG STEEL STRAPPING (4 REQD). PRE-POSITION STRAPPING PRIOR TO LOADING TOP CNU-589 CONTAINER. STRAPPING SHALL SECURE THE TOP CNU-589 CONTAINER TO THE STRUT SUPPORTS.
- ⑫ BUNDLING STRAP, STEEL STRAPPING, 1-1/4" X .035" OR .031" OR .029" X 16'-2" LONG STEEL STRAPPING (4 REQD). BUNDLE THE TWO HIGH STACK OF CNU-417 BOMB PALLETTS TOGETHER.
- ⑬ SEAL FOR 1-1/4" STRAPPING, (8 REQD). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.
- ⑭ SPACER ASSEMBLY (2 REQD). SEE DETAIL ON PAGE 6. POSITION LONGITUDINALLY BETWEEN THE CNU-417 AND CNU-589 CONTAINERS. ALIGN THE VERTICAL PIECES OF THE SPACER ASSEMBLY WITH THE FRAME OF THE CNU-417 TOP ADAPTER. SECURE BY WIRE TIEING TO BOMB PALLET OR NAILING TO STRUTS.

KEY NUMBERS

- ① END BLOCKING ASSEMBLY (2 REQD). SEE THE DETAIL ON PAGE 5.
- ② CNU-417 RESTRAINT ASSEMBLY (2 REQD). SEE DETAIL ON PAGE 6. POSITION AGAINST THE BASE OF THE TWO HIGH STACKS OF BOMB PALLETTS WITH THE 2" X 8" BEARING PIECE AGAINST THE BASE OF THE BOMB PALLET.
- ③ BOTTOM STRUT ASSEMBLY (4 REQD). SEE THE DETAIL ON PAGE 6. POSITION BETWEEN THE CNU-417 RESTRAINT ASSEMBLY AND THE END BLOCKING ASSEMBLY WITH THE LAMINATED END AGAINST THE END BLOCKING ASSEMBLY. TOENAIL W/2-12d NAILS AT EACH END. SEE THE "BEVEL CUT" DETAIL ON PAGE 5 AND PLAN VIEW OF BOTTOM STRUTS ON PAGE 8.
- ④ CNU-589 RESTRAINT ASSEMBLY (2 REQD) (1 RIGHT HAND AND 1 LEFT HAND). SEE THE DETAIL ON PAGE 7. POSITION AGAINST THE BOTTOM CNU-589 CONTAINER AS SHOWN.
- ⑤ STOP PIECE, 2" X 4" X 41-1/2" (2 REQD). POSITION LATERALLY ACROSS TWO BOTTOM STRUTS AND AGAINST THE CNU-589 RESTRAINT ASSEMBLY. NAIL TO THE STRUTS W/2-12d NAILS AT EACH END.
- ⑥ STRUT, TOP, OUTSIDE, 4" X 4" BY CUT-TO-FIT (REF: 6'-1") (2 REQD). POSITION BETWEEN THE VERTICAL PIECES OF THE CNU-417 AND THE CNU-589 RESTRAINT ASSEMBLIES. TOENAIL AT EACH END W/2-12d NAILS. SEE THE "BEVEL-CUT" DETAIL ON PAGE 5 AND PLAN VIEW OF TOP STRUTS ON PAGE 8.
- ⑦ STRUT, TOP, INSIDE, 4" X 4" BY CUT-TO-FIT (REF: 6'-4-1/2") (2 REQD). POSITION BETWEEN THE VERTICAL PIECE OF THE CNU-589 RESTRAINT ASSEMBLY AND THE BEARING PIECE OF THE CNU-417 RESTRAINT ASSEMBLY. TOENAIL AT EACH END W/2-12d NAILS. SEE THE "BEVEL-CUT" DETAIL ON PAGE 5 AND PLAN VIEW OF TOP STRUTS ON PAGE 8.

(CONTINUED AT LEFT)

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
BLU-109 (F140) IN		
CNU-417 CONTAINERS	4	17,380 LBS
JDAM (EA70) IN		
CNU-589 CONTAINERS	4	2,196 LBS
MISCELLANEOUS COMPONENTS		
1 IN PA60 METAL BOX	6	204 LBS
DUNNAGE		1,195 LBS
CONTAINER		6,050 LBS

TOTAL WEIGHT - - - - - 27,025 LBS (APPROX)

GENERAL NOTES

(GENERAL NOTES CONTINUED)

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. THE SPECIFIED OUTLOADING PROCEDURES ARE APPLICABLE TO LOADS OF 2,000 LB, GBU-31(V)3 BOMBS AND ASSOCIATED COMPONENTS IN A SIDE OPENING CONTAINER. SUBSEQUENT REFERENCE TO CONTAINERS HEREIN MEANS THAT CONTAINERS WITH THE GBU-31(V)3 COMPONENTS. SEE PAGE 4 FOR DETAILS OF THE COMPONENTS. **CAUTION:** REGARDLESS OF THE QUANTITY OF CONTAINERS 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 A 6,050 POUND 20' LONG BY 8' WIDE BY 8'-6" HIGH SIDE OPENING ISO CONTAINER WITH INSIDE DIMENSIONS OF 19'-6-1/4" LONG BY 90" WIDE BY 89" HIGH, WITH A MAXIMUM GROSS WEIGHT OF 52,910 POUNDS. OLDER/OTHER CONTAINERS MAY HAVE DIFFERENT INSIDE MEASUREMENTS, VERIFY INSIDE CONTAINER DIMENSIONS PRIOR TO FABRICATING DUNNAGE. THE LOAD IS DESIGNED FOR TRAILER/CONTAINER-ON-FLATCAR (T/COFC) SHIPMENT, HOWEVER, THE LOAD AS DESIGNED CAN ALSO BE MOVED BY OTHER SURFACE MODES OF TRANSPORT. **NOTICE:** OTHER CONTAINERS OF THE SAME DESIGN CONFIGURATION CAN BE USED.
- D. WHEN LOADING 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 HORIZONTAL PIECES ON THE SPACER ASSEMBLIES. NAIL EACH ADDITIONAL PIECE W/1 APPROPRIATELY SIZED NAIL EVERY 12". ADDITIONALLY, THE THICKNESS, LENGTH AND/OR QUANTITY OF THE DUNNAGE LUMBER USED MAY BE ADJUSTED AS REQUIRED TO FACILITATE VARIANCE IN THE SIZE OF THE CONTAINER.
- E. 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.
- F. DUNNAGE LUMBER SPECIFIED 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.
- G. IN SOME CONTAINERS THERE IS A SLOT AT THE CORNERS OF THE ENDWALL. PIECES OF DUNNAGE MATERIAL MUST BE LAMINATED TO THE BUFFER PIECES ON THE END BLOCKING ASSEMBLY 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 FORWARD WALL 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 FORWARD LONGITUDINAL BLOCKING.
- H. 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.
- J. **CAUTION:** DO NOT NAIL DUNNAGE MATERIAL TO THE CONTAINER WALLS OR FLOOR. ALL NAILING WILL BE WITHIN THE DUNNAGE.
- K. PORTIONS OF THE CONTAINER DEPICTED WITHIN THIS DRAWING, SUCH AS THE SIDEWALL, HAVE NOT BEEN SHOWN IN THE LOAD VIEWS FOR CLARITY PURPOSES.

(CONTINUED AT RIGHT)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	69	23
2" X 4"	128	85
2" X 6"	178	178
2" X 8"	73	97
4" X 4"	119	158
NAILS	NO. REQD	POUNDS
6d (2")	230	1-1/2
8d (2-1/2")	24	1/2
10d (3")	188	2-3/4
12d (3-1/4")	270	4-1/2
16d (3-1/2")	16	1/2
PLYWOOD, 3/4" - - - 51.33 SQ FT REQD -105.87 LBS		
STEEL STRAPPING, 1-1/4" - - 61' REQD - 8.62 LBS		
SEAL FOR 1-1/4" STRAPPING - - 4 REQD - - - NIL		
WIRE, .0800" DIA - - - 8' REQD - - - NIL		

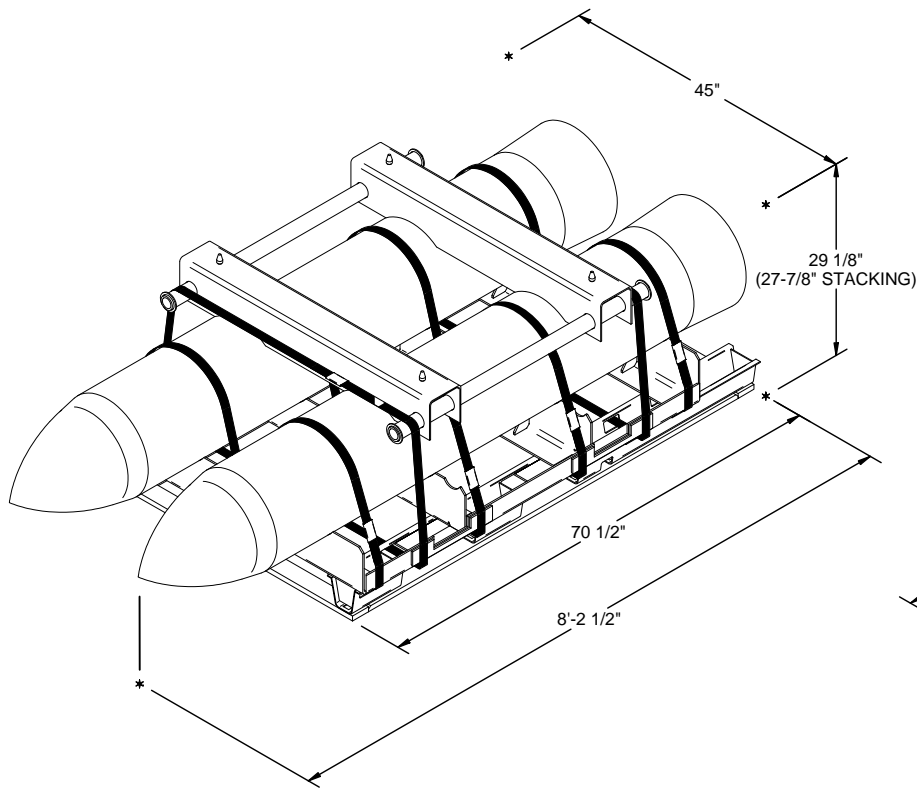
L. MAXIMUM LOAD WEIGHT CRITERIA:

THE MAXIMUM LOAD WEIGHTS ARE CONTROLLED BY EQUIPMENT CAPABILITY FACTORS. ALTHOUGH THE HEAVIEST MAXIMUM LOADS ARE DELINEATED IN THE LOAD VIEWS, PROVISIONS ARE INCLUDED WITHIN THIS DRAWING SO THAT THE BASIC LOADS CAN BE ADJUSTED TO SATISFY A LESSER QUANTITY OF LADING UNITS. DEPENDING ON TRANSPORTATION ROUTING, IT MAY BE NECESSARY TO REDUCE THE LOAD WEIGHT TO SATISFY "WEIGHT LAWS" OF CERTAIN STATES. ALSO, IT MAY BE NECESSARY TO REDUCE THE LOAD WEIGHT TO SATISFY OTHER WEIGHT RESTRICTIONS IMPOSED ON THE INTERMODAL CONTAINER SYSTEM.

- M. 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.
- N. 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.
- O. 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.
- P. AS REQUIRED BY THE ASSOCIATION OF AMERICAN RAILROADS (AAR), ALL 1-1/4" AND 2" STEEL STRAPPING USED FOR LOAD RESTRAINT MUST BE MARKED AS SPECIFIED WITHIN THE APPLICABLE AAR RULES GOVERNING LOADING, BLOCKING AND BRACING OF FREIGHT WITHIN THE CONVEYANCE. FOR THE SPECIFIC MARKING SIZE, FREQUENCY, ETC., REQUIRED, REFER TO THE APPROPRIATE AAR LOADING RULES.
- Q. LOAD-BLOCKING STRUTS WHICH ARE 48" OR LONGER MUST BE STIFFENED BY THE APPLICATION OF HORIZONTAL AND VERTICAL STRUT BRACING AS SHOWN IN THE LOAD ON PAGE 2. BRACING IS NOT REQUIRED IF THE STRUTS FOR THE LOAD BEING SHIPPED ARE SHORTER THAN 48". THE LENGTH OF THE LOAD-BLOCKING STRUTS SHOULD BE KEPT AS SHORT AS POSSIBLE (APPROX 18" MINIMUM), BUT IN THE EVENT IT IS NECESSARY TO USE STRUTS WHICH ARE 8'-0" OR MORE IN LENGTH, IT WILL BE NECESSARY TO APPLY AN ADDITIONAL SET OF HORIZONTAL AND VERTICAL STRUT BRACING PIECES. STRUT BRACING SHOULD BE APPLIED SO AS TO PROVIDE NEARLY EQUAL SPACES BETWEEN THE BRACING PIECES AND THE CENTER GATES AND/OR BETWEEN ADJACENT STRUT BRACING PIECES. NOTE THAT HORIZONTAL STRUT BRACING PIECES FOR THE UPPER LEVEL OF STRUTS FOR ALL BUT THE UPPERMOST TIER OF A LOAD MAY BE DIFFICULT TO APPLY TO THE TOP SURFACES OF THE STRUT AS DEPICTED. STRUT BRACING WILL BE EQUALLY EFFECTIVE IF APPLIED TO THE UNDER SIDE OF THOSE STRUTS.
- R. ANTI-CHAFING MATERIAL MAY BE INSTALLED AT POINTS OF CONTACT BETWEEN CONTAINERS, BETWEEN CONTAINERS AND THE SIDE OPENING CONTAINER, AND BETWEEN CONTAINERS AND STEEL STRAPPING, IF DESIRED, TO PREVENT CHAFING DAMAGE TO CONTAINER PAINT AND MARKINGS.

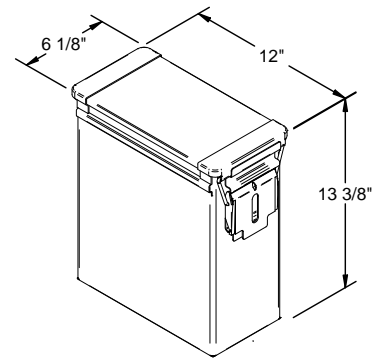
MATERIAL SPECIFICATIONS

- 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.
- STRAPPING, STEEL - - : ASTM D3953: FLAT STRAPPING, TYPE 1, HEAVY DUTY, FINISH A, B (GRADE 2), OR C.
- SEAL, STRAP - - - - : ASTM D3953: CLASS H, FINISH A, B (GRADE 2), OR C, DOUBLE NOTCH TYPE, STYLE 1, 11, OR 1V.
- WIRE, CARBON STEEL - : ASTM A853; ANNEALED AT FINISH, BLACK OXIDE FINISH, 0.0800" DIA, GRADE 1006 OR BETTER.
- HARDBOARD - - - - - : ANSI/AHA A135.4, CLASS 1.
- ANTI-CHAFING MATERIAL - - - - - : MIL-PRF-121 (OR EQUAL); NEUTRAL BARRIER MATERIAL.



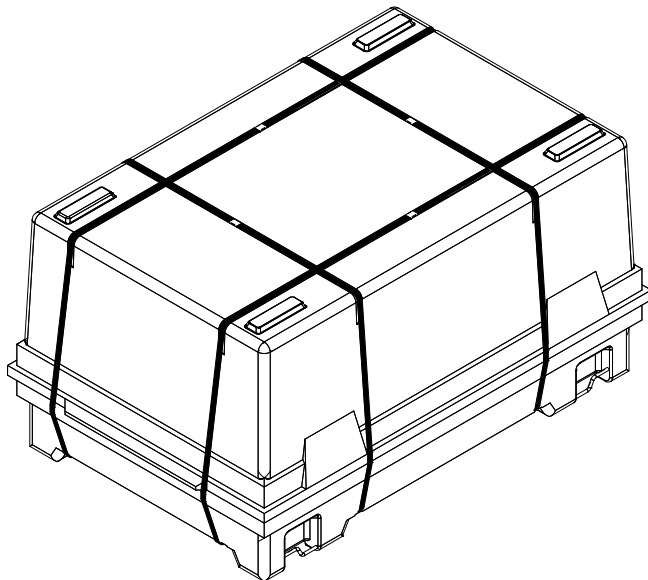
BLU-109 BOMBS IN CNU-417 CONTAINERS

GROSS WEIGHT - - - - - 4,345 LBS (APPROX)
 CUBE - - - - - 74.8 CU FT (APPROX)



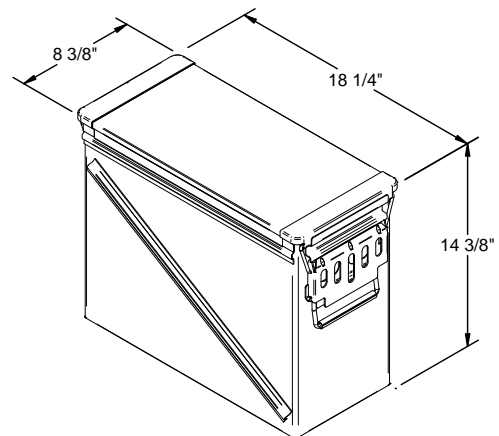
FMU-143/FMU-152 IN PA60 METAL BOX

GROSS WEIGHT - - - - - 28 LBS (APPROX)
 CUBE - - - - - 0.57 CU FT (APPROX)



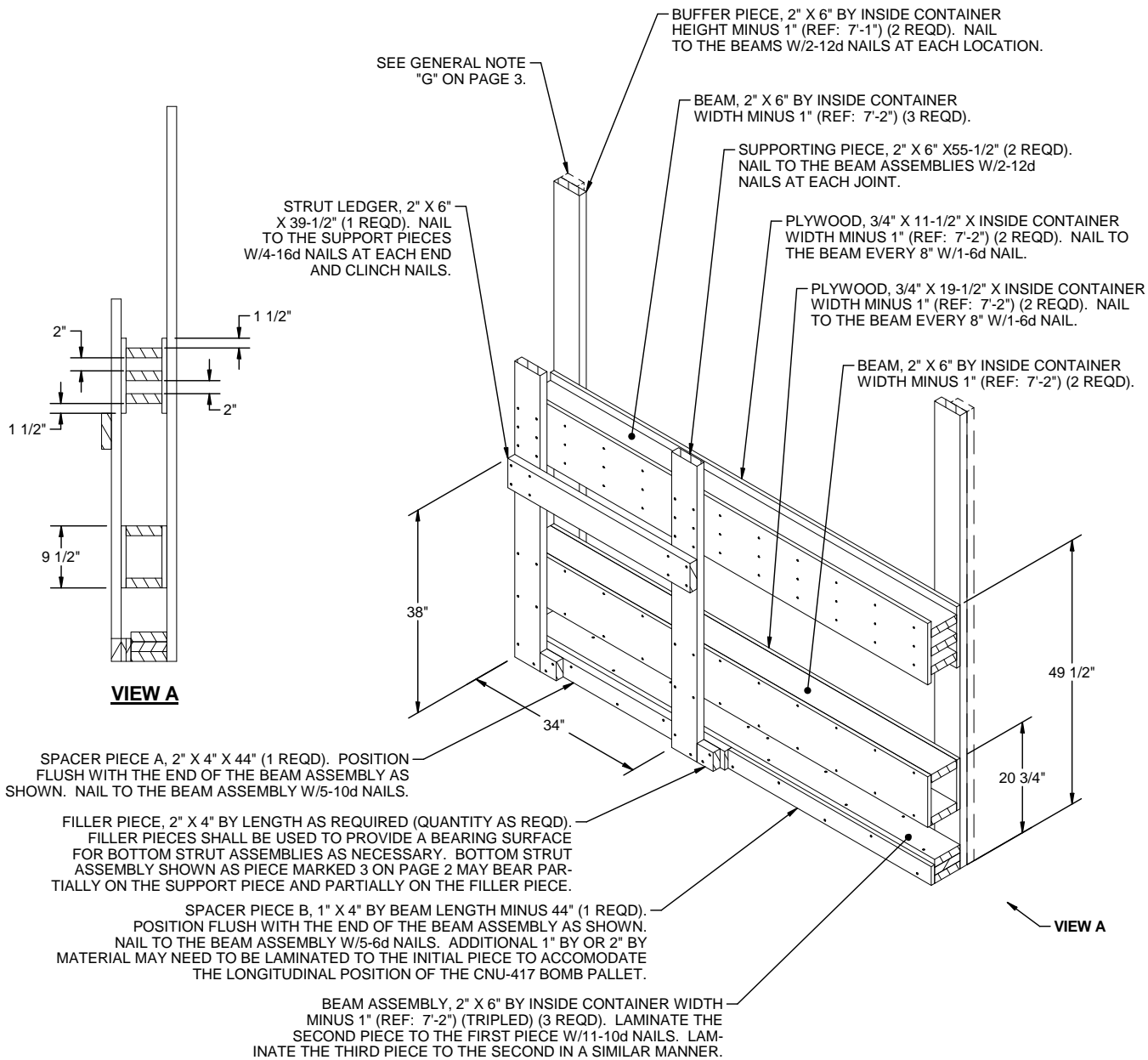
JDAM IN CNU-589 CONTAINER

CNU-589 CONTAINER WITH 2 EACH GUIDANCE SETS
 GROSS WEIGHT - - - - - 549-566 LBS (APPROX)
 CUBE - - - - - 50.7 CU FT (APPROX)

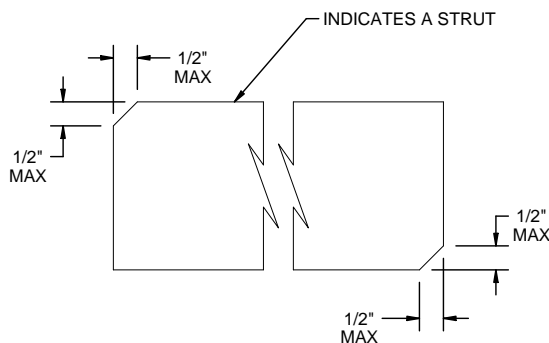


FMU-143/FMU-152 IN M548 METAL BOX

GROSS WEIGHT - - - - - 32-39 LBS (APPROX)
 CUBE - - - - - 1.27 CU FT (APPROX)

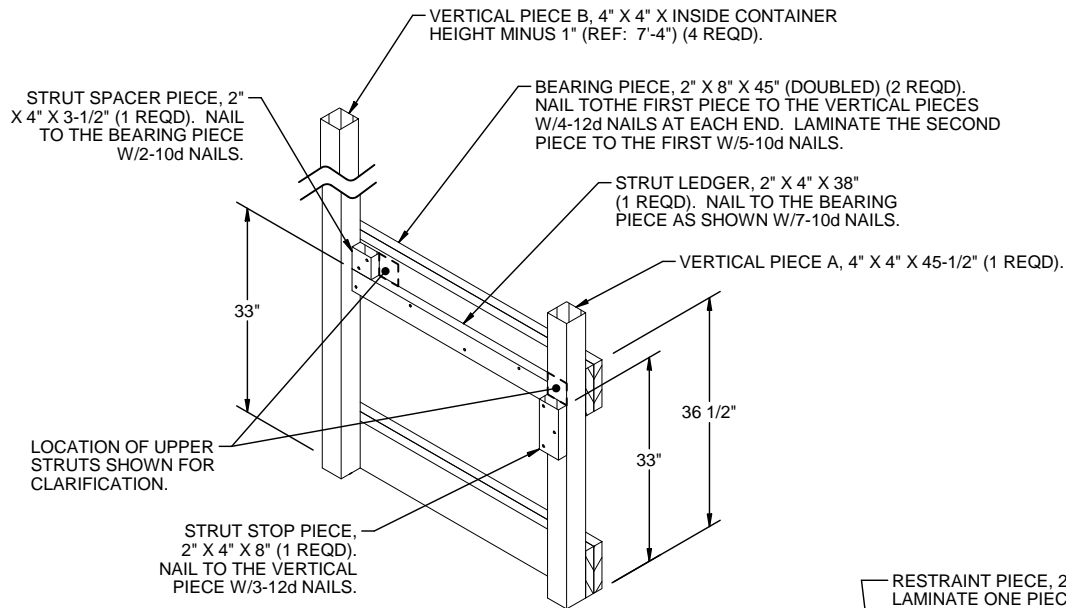


END BLOCKING ASSEMBLY



BEVEL CUT

IF DESIRED, EACH END OF A STRUT MAY BE BEVEL-CUT AS SHOWN ABOVE TO FACILITATE INSTALLING THE STRUTS WITH A "DRIVE" FIT.

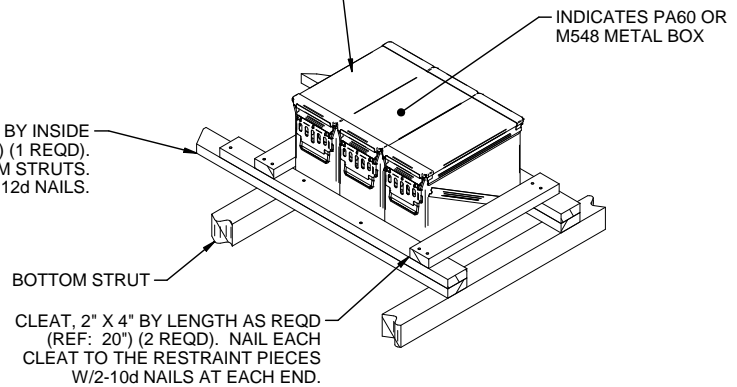


CNU-417 RESTRAINT ASSEMBLY

POSITION THE BEARING PIECES OF THE RESTRAINT ASSEMBLY AGAINST THE BASE OF THE CNU-417 PALLET UNITS.

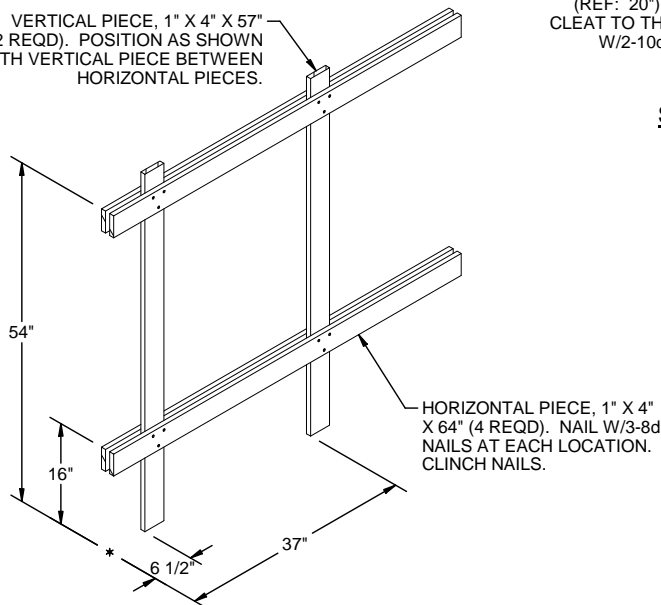
RESTRAINT PIECE, 2" X 4" X 38" (3 REQD). LAMINATE ONE PIECE TO THE HORIZONTAL RESTRAINT W/4-10d NAILS. PLACE ONE RESTRAINT PIECE AGAINST THE M548 METAL BOXES AND NAIL TO THE STRUTS W/2-10d NAILS AT EACH END. LAMINATE A SECOND PIECE ON TOP OF THE BOTTOM RESTRAINT PIECE W/4-10d NAILS.

HORIZONTAL RESTRAINT, 2" X 4" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-4") (1 REQD). POSITION ACROSS THE FOUR BOTTOM STRUTS. NAIL TO EACH STRUT W/2-12d NAILS.



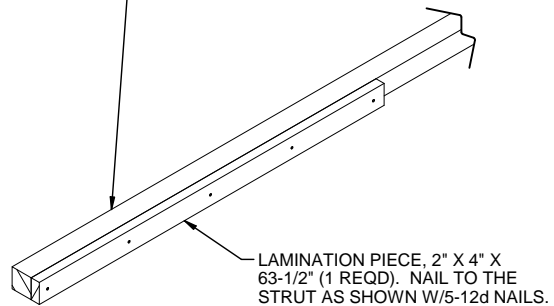
SECUREMENT OF MISCELLANEOUS BOXES

VERTICAL PIECE, 1" X 4" X 57" (2 REQD). POSITION AS SHOWN WITH VERTICAL PIECE BETWEEN HORIZONTAL PIECES.

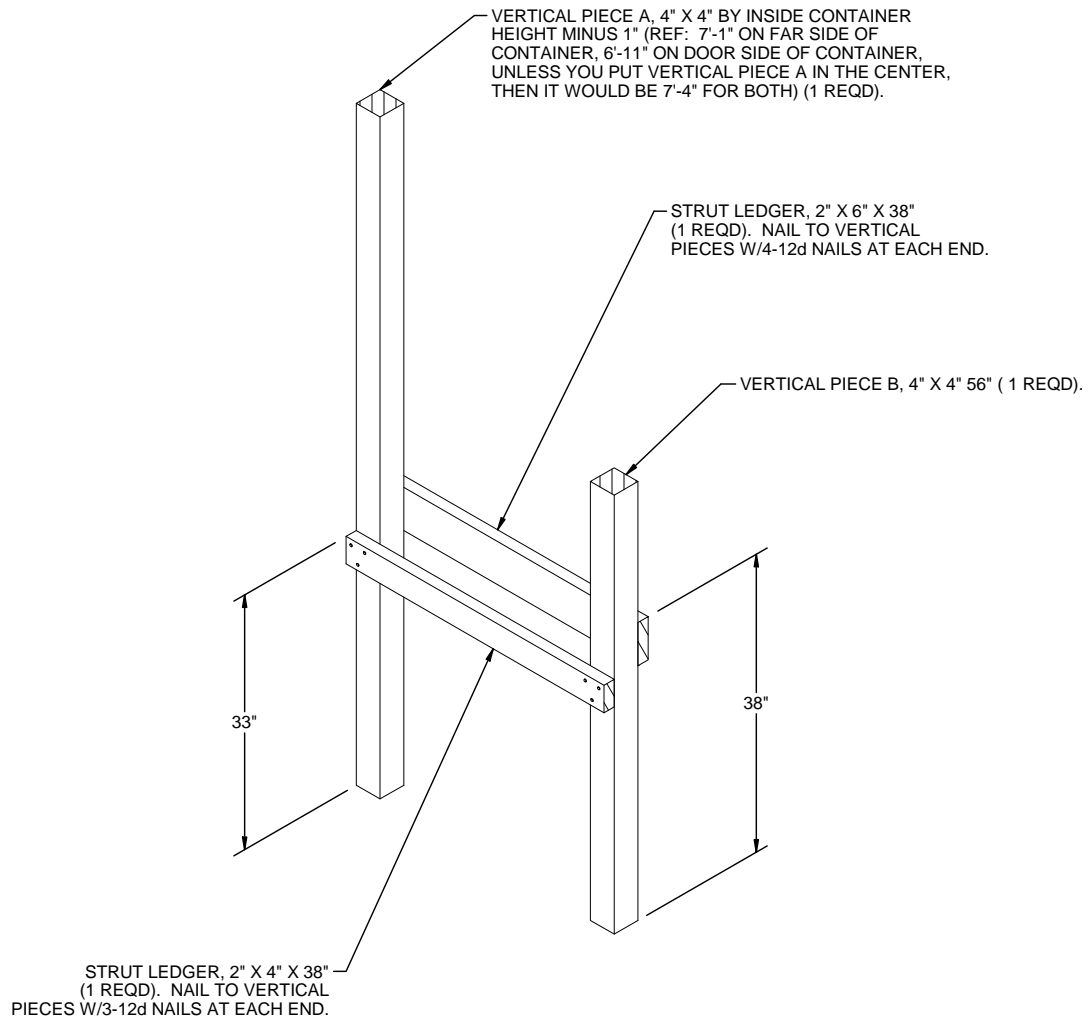


SPACER ASSEMBLY

STRUT, BOTTOM, 4" X 4" BY CUT-TO-FIT (REF: 11'-11") (1 REQD).



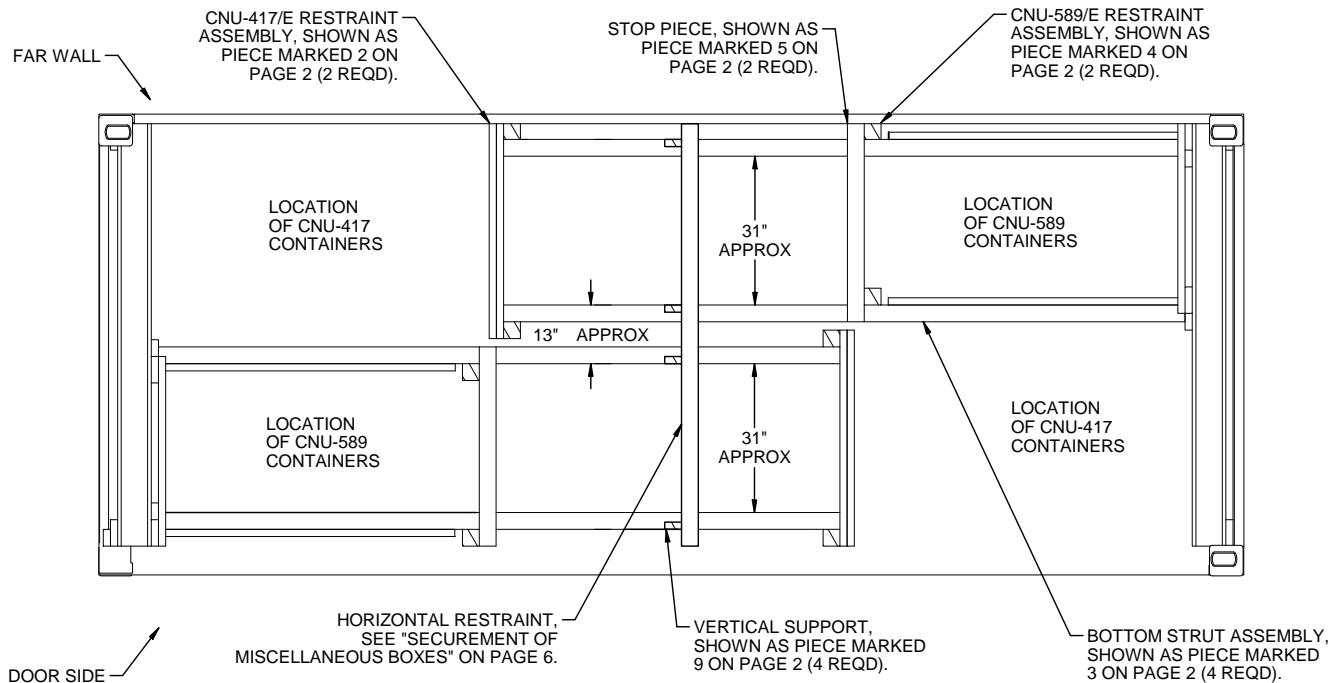
BOTTOM STRUT ASSEMBLY



CNU-589 RESTRAINT ASSEMBLY

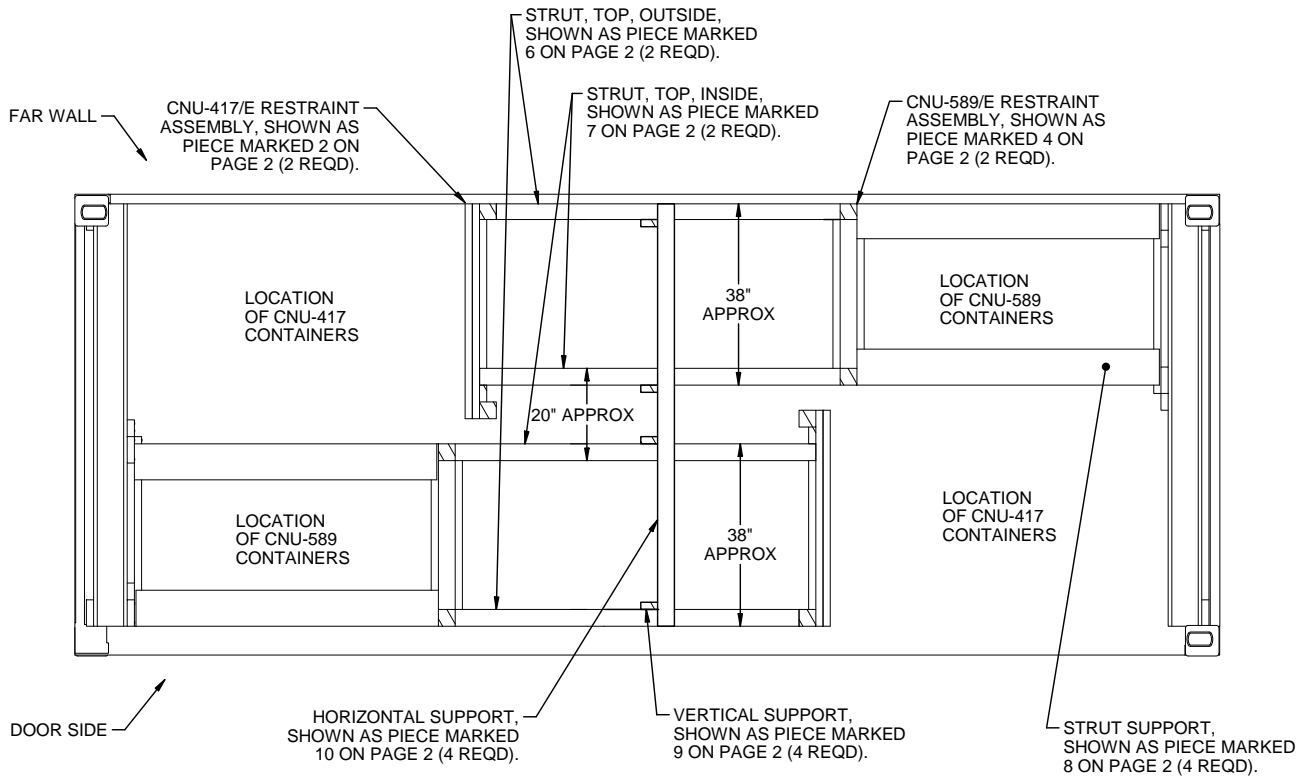
POSITION THE RESTRAINT ASSEMBLY AGAINST THE BOTTOM CNU-589 CONTAINER WITH THE 38" HIGH STRUT SUPPORT AGAINST THE CONTAINER.

LOAD COMPOSITION CHART					
LOAD 1 CONFIGURATION					
NSN	NOMENCLATURE	TOTAL PER ISO	QUANTITY PER UNIT PACK	CONTAINER QUANTITY	CONTAINER
1325015260309	KMU-557C/B JDAM SAASM/AJ	8	2	4	CNU-589
1325015733873	BLU-109 (/B, B/B, C/B)	8	2	4	CNU-417
1325015068828	FMU-152A/B FUZE SYSTEM	12	6	2	PA60
1325013239171	FMU-143B/B	8	2	4	PA60
LOAD 2 CONFIGURATION					
NSN	NOMENCLATURE	TOTAL PER ISO	QUANTITY PER UNIT PACK	CONTAINER QUANTITY	CONTAINER
1325015260309	KMU-557C/B JDAM SAASM/AJ	8	2	4	CNU-589
1325015733873	BLU-109 (/B, B/B, C/B)	8	2	4	CNU-417
1325015068828	FMU-152A/B FUZE SYSTEM	12	6	2	M548
1325013239171	FMU-143B/B	8	2	4	M548
LOAD 3 CONFIGURATION					
NSN	NOMENCLATURE	TOTAL PER ISO	QUANTITY PER UNIT PACK	CONTAINER QUANTITY	CONTAINER
1325015260307	KMU-557B/B JDAM SAASM/AJ	8	2	4	CNU-589
1325015733873	BLU-109 (/B, B/B, C/B)	8	2	4	CNU-417
1325015068828	FMU-152A/B FUZE SYSTEM	12	6	2	M548
1325013239171	FMU-143B/B	8	2	4	M548



PLAN VIEW OF BOTTOM STRUT ASSEMBLIES

THIS VIEW SHOWS THE ARRANGEMENT OF THE BOTTOM STRUT ASSEMBLIES IN RELATION TO THE END BLOCKING AND CNU-417 AND CNU-589 RESTRAINT ASSEMBLIES. **NOTE:** THE CNU-417 AND CNU-589 CONTAINERS AND METAL BOXES ARE NOT SHOWN FOR CLARITY.



PLAN VIEW OF TOP STRUTS

THIS VIEW SHOWS THE ARRANGEMENT OF THE TOP STRUTS AND STRUT SUPPORTS IN RELATION TO THE END BLOCKING AND CNU-417 AND CNU-589 RESTRAINT ASSEMBLIES. **NOTE:** THE CNU-417 AND CNU-589 CONTAINERS AND METAL BOXES ARE NOT SHOWN FOR CLARITY.