LOADING AND BRACING (TL & LTL) IN CLOSED OR OPEN TOP VAN TRAILERS OF BLU-80/B (BIGEYE) BINARY CHEMICAL WEAPON BODY PACKED IN CNU-396/E STORAGE AND SHIPPING CONTAINER

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GENERAL NOTES

- THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- THE OUTLOADING PROCEDURES SPECIFIED WITHIN THIS DRAWING ARE THE OUTLOADING PROCEDURES SPECIFIED WITHIN THIS DRAWING ARE APPLICABLE FOR THE BLU-80/8 (BIGSEY 8) BINARY CHEMICAL WEAPON BODIES PACKED IN CNU-396/E STORAGE AND SHIPPING CONTAINERS. CONTAINERS MAY BE OFFERED FOR SHIPMENT IN A UNITIZED UNIT LOAD CONFIGURATION AS DETAILED ON PAGE 3. HOWEVER, IF INDIVIDUAL CONTAINERS, NOT UNITIZED, ARE AVAILABLE FOR SHIPMENT, THE PROCEDURES HEREIN WILL APPLY. STACKS MAY CONSIST OF UNIT LOADS, A COMBINATION OF UNIT LOADS AND INDIVIDUAL CONTAINERS, OR ALL INDIVIDUAL CONTAINERS, EACH STACK MUST BE BUNDLED WITH STEEL STRAPPING USING THE APPLICABLE "STACK BUNDLING DETAIL" SHOWN ON PAGE 3.
- THE OUTLOADING PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR SHIPMENTS IN CONVENTIONAL TYPE VAN TRAILERS, AND APPLY TO TRAILERS HAVING WOOD, OR WOOD AND METAL, OR ALL METAL FLOORS. VAN TRAILERS WHICH ARE 48'-0" LONG BY 7'-6" WILL (INSIDE DIMENSION) HAVE BEEN SHOWN, HOWEVER, THE PROCEDURES ARE ALSO APPLICABLE FOR TRAILERS OF OTHER LENGTHS AND WIDTHS.
- THE GROSS WEIGHT AND AXLE DISTRIBUTION OF WEIGHT FOR A LOAD WILL BE THE RESPONSIBILITY OF THE CARRIER, THE CARRIER WILL ADVISE THE SHIPPER OF THE APPLICABLE LOADING REQUIREMENTS; AND THE SHIPPER WILL LOAD ACCORDINGLY. THE TOTAL WEIGHT OF THE LADING, OF THE THACTOR, AND OF THE SEMI-TRAILER CARRYING THE LADING MUST NOT EXCEED THE MAXIMUM GROSS WEIGHT ALLOWED FOR THE STATE OR STATES THRU WHICH THE LOAD IS TO BE TRANSPORTED BY MOTOR CARRIER, LIKEWISE, THE GROSS WEIGHT ON A SINGLE OR TANDEM AXLE MUST NOT EXCEED THE MAXIMUM ALLOWABLE WEIGHT, IF THERE IS ANY DOUBT AS TO WHETHER THE TOTAL GROSS WEIGHT OR AXLE WEIGHT EXCEEDS THE MAXIMUM ALLOWABLE WEIGHT.
- NOTICE; A SHIPMENT WILL BE POSITIONED IN THE TRAILER CONSIS-TENT WITH STATE WEIGHT LAWS, THE NUMBER OF LADING UNITS MAY BE ADJUSTED TO FIT THE SIZE OF THE TRAILER TO BE LOADED OR THE QUANTITY TO BE SHIPPED. COMBINATIONS OF THE OUTLOADING PROCEDURES SPECIFIED MAY BE USED. HOWEVER, THE APPROVED METHODS SHOWN MUST BE FOLLOWED AS CLOSELY AS POSSIBLE FOR BLOCKING, BRACING, AND STAYING OF THE DESIGNATED ITEMS.
- OTHER TYPES OF LADING ITEMS MAY BE LOADED INTO TRAILERS WHICH ARE PARTIALLY LOADED WITH THE DESIGNATED ITEM PROVIDING THE TOTAL LOAD IS COMPATIBLE, EXISTING DIRECTIVES ARE NOT VIOLATED, AND THE OTHER LADING ITEMS ARE BLOCKED AND BRACED TO EQUAL THE BLOCKING AND BRACING CRITERIA SPECIFIED HEREIN.
- PORTIONS OF THE TRAILERS, SUCH AS SIDEWALLS, ENDWALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE LOAD VIEWS FOR CLARITY
- DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL SIZE, FOR EXAMPLE, 2" X 4" MATERIAL IS ACTUALLY 1-1/2" THICK BY 3-1/2" WIDE AND 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.

(CONTINUED AT RIGHT)

MATERIAL SPECIFICATIONS

NAILS COMMON, FED SPEC FF-N-105.

STRAPPING, STEEL ---: CLASS I, TYPE I OR IV, HEAVY DUTY, FINISH A, B (GRADE 2 OR C; FED SPEC QQ-S-781.

SEAL, STRAP -----: TYPE D, STYLE I, II, OR IV, CLASS H, FINISH A, B (GRADE 2)
OR C; FED SPEC QQ-S-781.

WIRE ----- ANNEALED, BLACK; FED SPEC QQ-W-461.

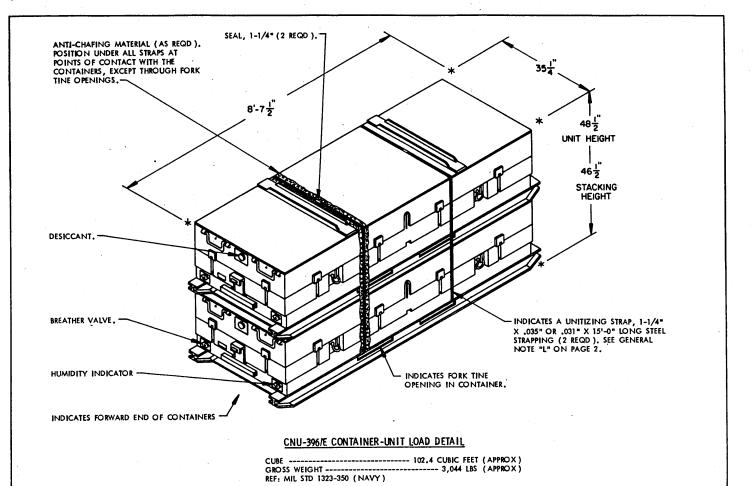
ANTI-CHAFING

----: NEUTRAL BARRIER MATERIAL; MIL-B-121 (OR EQUAL).

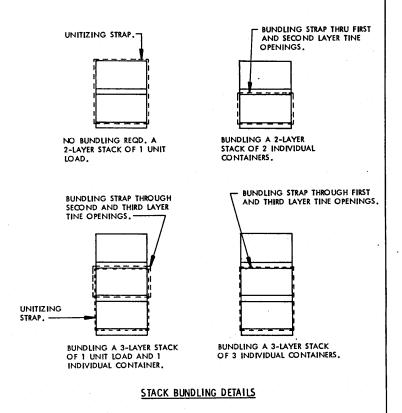
PAGE 2

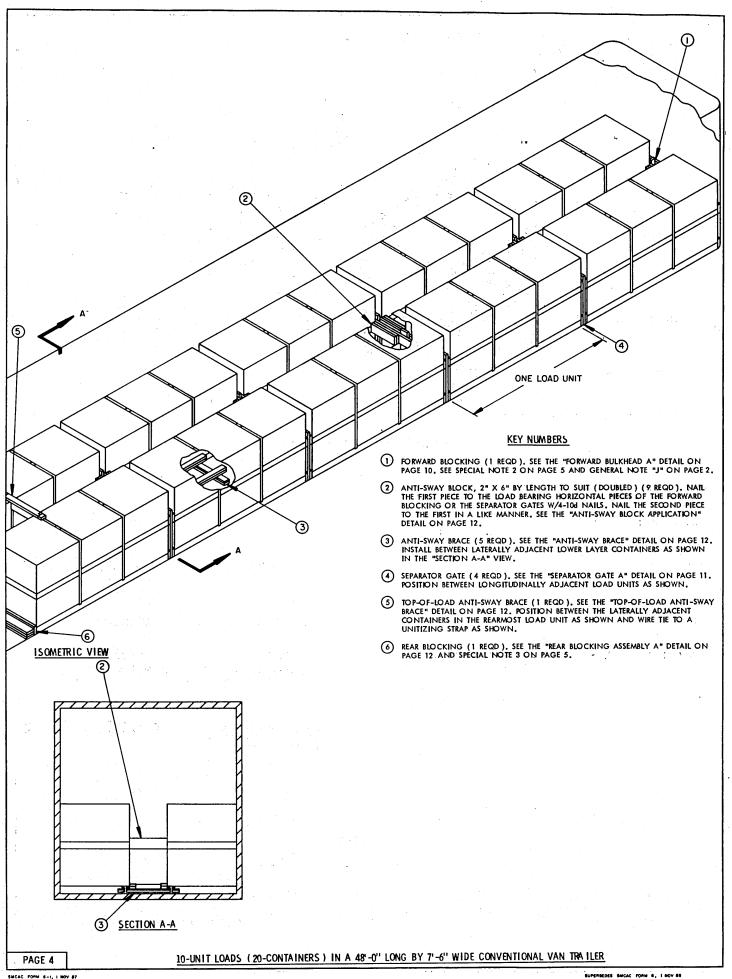
(GENERAL NOTES CONTINUED)

- NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHENEVER POSSIBLE NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHENEVER POSSIBLE WHEN VAILS ARE DRIVEN INTO JOINTS OF DUNNAGE ASSEMBLIES, ALSO, A STAGGERED NAILING PATTERN WILL BE USED WHEN DUNNAGE IS NAILED TO THE FLOOR OF THE TRANSPORTING VEHICLE, OR WHEN LAMINATING DUNNAGE, THE NAILING PATTERN WILL BE ADJUSTED AS REQUIRED SO THAT A NAIL DOES NOT PENETRATE INTO OR NEAR A CRACK BETWEEN FLOOR BOARDS, 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.
- POWER DRIVEN STAPLES MAY BE USED AS ALTERNATIVE FASTENERS FOR NAILS WHEN CONSTRUCTING DUNNAGE ASSEMBLIES WHICH ARE TO BE USED IN THE DELINEATED TRAILER LOADS SHOWN THROUGHOUT THIS DRAWING. THE STAPLES TO BE USED MUST BE EQUAL IN LENGTH TO THE SPECIFIED NAIL SIZE AND MUST BE SUBSTITUTED ON A ONE STAPLE FOR ONE NAIL BASIS. STAPLES WHICH ARE 2-1/2" OR LESS IN LENGTH SHOULD BE IN ACCORDANCE WITH FEDERAL SPECIFICATION FF-N-105 AS NEARLY AS PRACTICABLE. STAPLES WHICH ARE LONGER THAN 2-1/2" WILL BE A COMMERCIAL GRADE, OF A QUALITY EQUINALENT TO THOSE MANUFACTURED BY SENCO PRODUCTS INCORPORATED. NOTE: STAPLES WILL NOT BE SUBSTITUTED FOR NAILS IN ANY LOAD RESTRAINING FLOOR DUNNAGE APPLICATION.
- WHEN STEEL STRAPPING IS SEALED AT AN END-OVER-END LAP JOINT, A MINIMUM OF ONE (1) SEAL WITH TWO (2) PAIR OF NOTCHES WILL BE USED TO SEAL THE JOINT WHEN A NOTCH-TYPE SEAL IS BEING USED. A MINIMUM OF TWO (2) SEALS, BUTTED TOGETHER, WITH TWO (2) PAIR OF CRIMPS PER SEAL WILL BE USED (TO SEAL THE JOINT WHEN A CRIMP-TYPE SEALER IS BEING USED. REFER TO THE "STRAP JOINT A", AND "STRAP JOINT B" DETAILS ON PAGE 14 EOP CHIDANCE PAGE 16 FOR GUIDANCE.
- 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 0.454KG.
- FOR ADDITIONAL GUIDANCE, ATTENTION IS DIRECTED TO THE "SPECIAL NOTES' SECTIONS WHICH ARE IMMEDIATELY ADJACENT TO THE DEPICTED OUTLOADING METHODS.



UNIT LOAD DETAIL



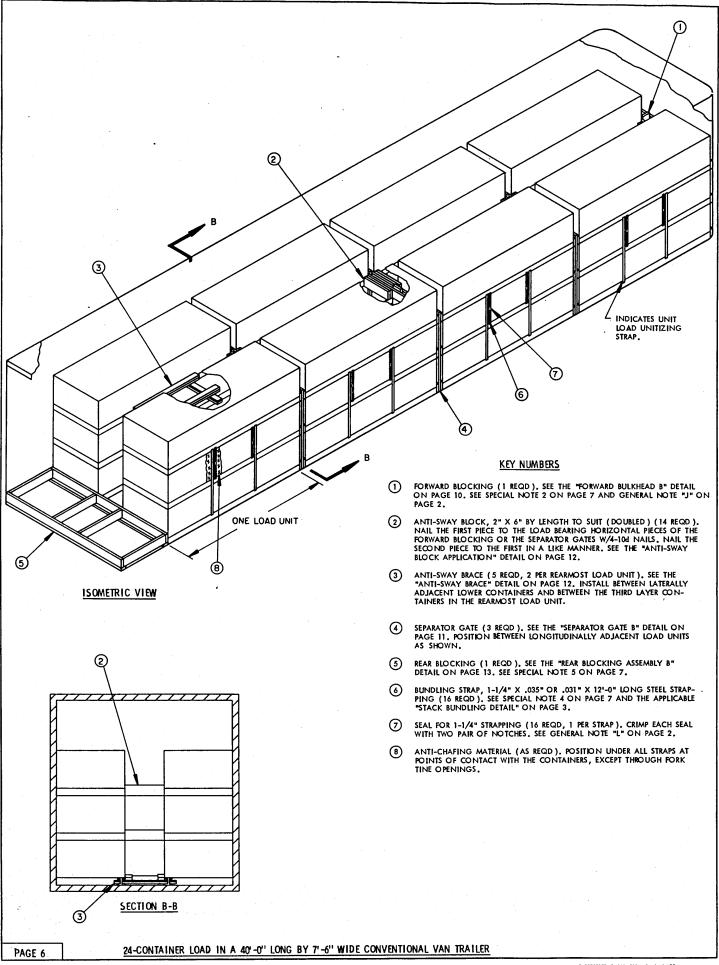


- 1. A 20-CONTAINER LOAD (UNITIZED) IS SHOWN IN A 48'-0" LONG BY 7'-6" WIDE (INSIDE DIMENSION) CONVENTIONAL VAN TRAILER. TRAILERS OF OTHER DIMENSIONS MAY BE USED.
- 2. A TRAILER HAVING ROUNDED CORNERS AT THE FORWARD END IS SHOWN. THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED (1), SHOWN AT THE FRONT END OF THE ROUNDED CORNER TRAILER SHOULD ALSO BE USED WHEN THE TRAILER FURNISHED FOR LOADING IS EQUIPPED WITH A SQUARE FRONT.
- 3. IF THE VOID AT THE REAR OF THE LOAD BETWEEN THE CONTAINERS AND THE REAR DOOR MEASURES 1-1/2" OR LESS, REAR BLOCKING IS NOT REQUIRED. TRAILERS USED FOR SHIPMENT OF THE DEPICTED LOAD WITH NAILED FLOOR LINE BLOCKING MUST HAVE WOOD, WOOD AND METAL, OR NAILABLE METAL FLOORS. IF TRAILERS WITH ALL METAL, NON-NAILABLE FLOORS ARE USED, THE "REAR BLOCKING ASSEMBLY B" AS DETAILED ON PAGE 13 AND DEPICTED IN THE LOAD SHOWN ON PAGE 6 MUST BE USED.

BILL OF MATERIAL			
LUMBER	LINEAR FEET	BOARD FEET	
1" X 4" 2" X 4" 2" X 6"	29 122 249	10 81 249	
NAILS	NO. REQD	POUNDS	
6d (2") 10d (3") 12d (3-1/4")	50 488 4	1/4 7-1/2 NIL	

LOAD AS SHOWN

10-UNIT LOADS (20-CONTAINERS) IN A 48'-0" LONG BY 7'-6" WIDE CONVENTIONAL VAN TRAILER



- A 24-CONTAINER LOAD (UNITIZED) IS SHOWN IN A 40'-0" LONG BY 7'-6" WIDE (INSIDE DIMENSION) CONVENTIONAL VAN TRAILER, TRAILERS OF OTHER DIMENSIONS MAY BE USED.
- 2. A TRAILER HAVING ROUNDED CORNERS AT THE FORWARD END IS SHOWN. THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED (1), SHOWN AT THE FRONT END OF THE ROUNDED CORNER TRAILER SHOULD ALSO BE USED WHEN THE TRAILER FURNISHED FOR LOADING IS EQUIPPED WITH A SQUARE FRONT.
- 3. ANTI-SWAY BRACES, SHOWN AS PIECE MARKED (3), SHALL BE USED BETWEEN ALL LOWER LAYER LATERALLY ADJACENT CONTAINERS AND ALSO BETWEEN THE TOP LAYER OF CONTAINERS IN THE REARMOST LOAD UNIT.
- 4. THE STACK BUNDLING STRAPS, PIECES MARKED (a), WILL BE THREADED THROUGH THE FORKLIFT POCKETS OF THE CONTAINERS WITHIN THE STACK IN ACCORDANCE WITH THE APPLICABLE "STACK BUNDLING DETAIL" ON PAGE 3. NOTE; THE STRAPS ARE TO BE POSITIONED AS FAR APART AS THE FORKLIFT POCKETS PERMIT.
- 5. IF THE VOID AT THE REAR OF THE LOAD BETWEEN THE CONTAINERS AND THE REAR DOOR MEASURES 1-1/2" OR LESS, REAR BLOCKING IS NOT REQUIRED. IF DESIRED, AND IF THE TRAILER BEING USED FOR SHIPMENT IS EQUIPPED WITH A NAILABLE FLOOR, THEN THE "REAR BLOCKING ASSEMBLY A" AS DETAILED ON PAGE 12 AND SHOWN IN THE LOAD VIEW ON PAGE 4 MAY BE LISED.

	BILL OF MATERIAL	
LUMBER	LINEAR FEET	BOARD FEET
1" X 4" 2" X 4" 2" X 6"	28 125 319	9 83 319
NAILS	NO. REQD	POUNDS
6d (2") 10d (3")	50 568	1/4 8-3/4
SEAL FOR 1-1/4" STRA	1/4" X .035" OR .031" AP	192' REQD 27-1/2 LB: 16 REQD 3/4 LB AS REQD NI

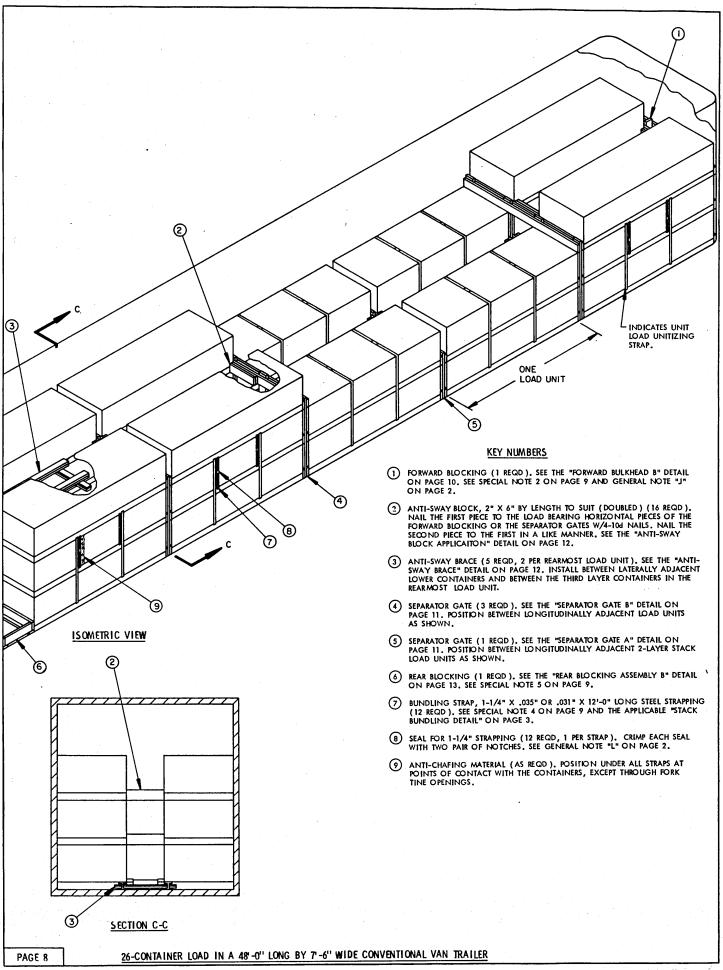
LOAD AS SHOWN

ITEM QUANTITY

WEIGHT (APPROX)

CNU-396/E CONTAINERS -24 ----- 36,528 LBS DUNNAGE ----- 859 LBS

TOTAL WEIGHT ----- 37,387 LBS

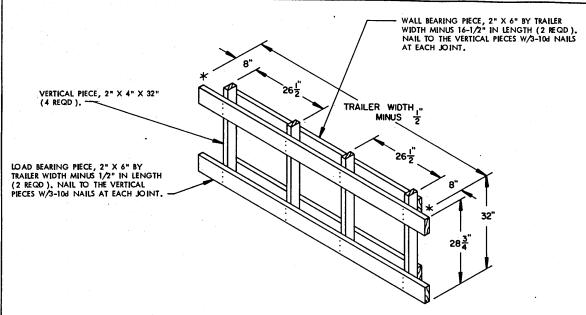


- A 26-CONTAINER LOAD (UNITIZED) IS SHOWN IN A 48'-0" LONG BY 7'-6" WIDE (INSIDE DIMENSION) CONVENTIONAL VAN TRAILER, TRAILERS OF OTHER DIMENSIONS MAY BE USED.
- 2. A TRAILER HAVING ROUNDED CORNERS AT THE FORWARD END IS SHOWN.
 THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED ① , SHOWN AT THE
 FRONT END OF THE ROUNDED CORNER TRAILER SHOULD ALSO BE USED WHEN
 THE TRAILER FURNISHED FOR LOADING IS EQUIPPED WITH A SQUARE FRONT.
- 3. ANTI-SWAY BRACES, SHOWN AS PIECES MARKED ③ , SHALL BE USED BETWEEN ALL LOWER LAYER LATERALLY ADJACENT CONTAINERS AND ALSO BETWEEN THE TOP LAYER OF CONTAINERS IN THE REARMOST LOAD UNIT.
- 4. THE STACK BUNDLING STRAPS, PIECES MARKED (7), WILL BE THREADED THROUGH THE FORKLIFT POCKETS OF THE CONTAINERS WITHIN THE STACK IN ACCORDANCE WITH THE APPLICABLE "STACK BUNDLING DETAIL" ON PAGE 3. NOTE, THE STRAPS ARE TO BE POSITIONED AS FAR APART AS THE FORKLIFT POCKETS PERMIT.
- 5. IF THE VOID AT THE REAR OF THE LOAD BETWEEN THE CONTAINERS AND THE REAR DOOR MEASURES 1-1/2" OR LESS, REAR BLOCKING IS NOT REQUIRED. IF DESIRED, AND IF THE TRAILER BEING USED FOR SHIPMENT IS EQUIPPED WITH A NAILABLE FLOOR, THEN THE "REAR BLOCKING ASSEMBLY A" AS DETAILED ON PAGE 12 AND SHOWN IN THE LOAD VIEW ON

BILL OF MATERIAL			
LUMBER	LINEAR FEET	BOARD FEET	
1" X 4" 2" X 4" 2" X 6"	29 125 362	10 84 362	
NAILS	NO. REQD	POUNDS	
6d (2") 10d (3")	50 632	1/4 9-3/4	

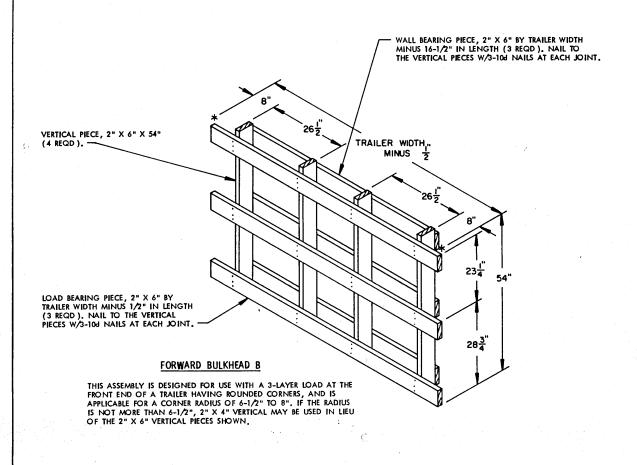
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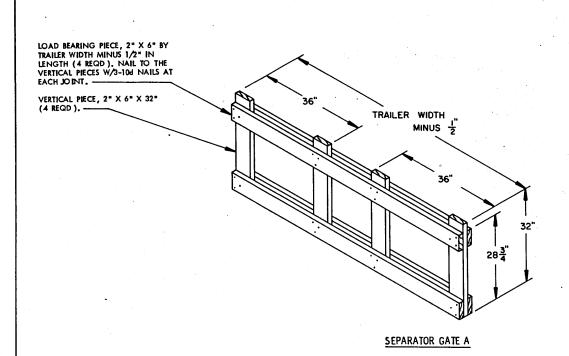
LOAD AS SHOWN

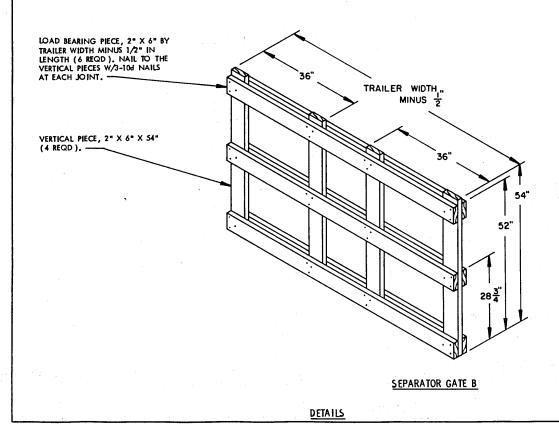


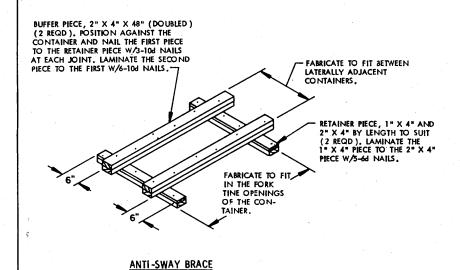
FORWARD BULKHEAD A

THIS ASSEMBLY IS DESIGNED FOR USE WITH A 2-LAYER LOAD AT THE FRONT END OF A TRAILER HAVING ROUNDED CORNERS, AND IS APPLICABLE FOR A CORNER RADIUS OF NOT MORE THAN 6-1/2". IF THE RADIUS IS FROM 6-1/2" TO 8", USE 2" X 6" VERTICAL PIECES, AS SHOWN IN FORWARD BULKHEAD B DETAIL BELOW.







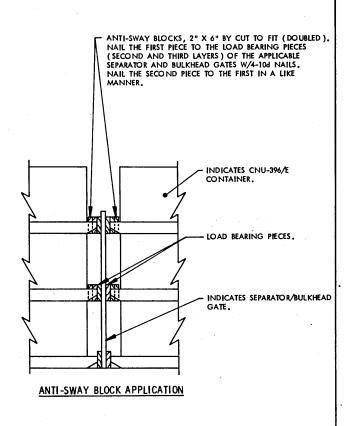


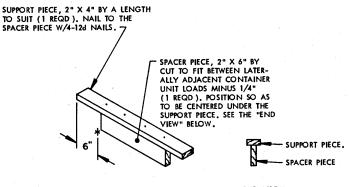
LOAD BEARING PIECE, 2"
X 6" BY TRAILER WIDTH
MINUS 1/2" (OR LENGTH
TO SUIT) (1 REQD). NAIL
TO THE LOWER HEADER W/1-10d
NAIL EVERY 8".

TRAILER WIDTH
MINUS 1/2
OR
LENGTH TO SUIT
(OR LENGTH TO SUIT)
(TRIPLED) (1 REQD). NAIL
THE FIRST PIECE TO THE
TRAILER FLOOR W/15-10d
NAILS. NAIL EACH ADDITIONAL
PIECE IN A LIKE MANNER.

REAR BLOCKING ASSEMBLY A

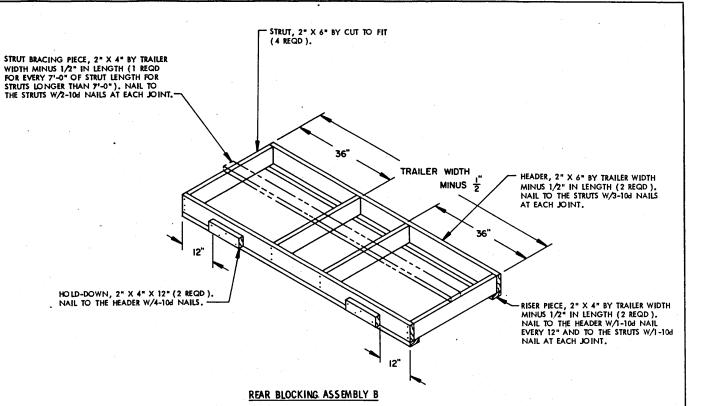
WHEN THE ABOVE ASSEMBLY IS USED WITH A ONE CONTAINER WIDE LOAD, AS SHOWN ON PAGE 15, THE HEADER AND LOAD BEARING PIECE LENGTH WILL BE 36". THE LOAD BEARING PIECE WILL THEN BE NAILED TO THE TRAILER FLOOR W/7-10d NAILS IN LIEU OF THE 15 SPECIFIED ABOVE.





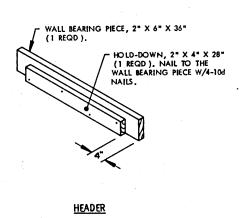
TOP-OF-LOAD ANTI-SWAY BRACE

END VIEW

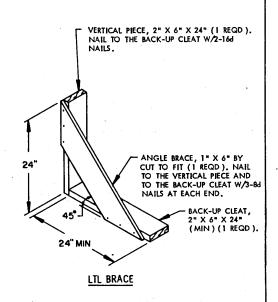


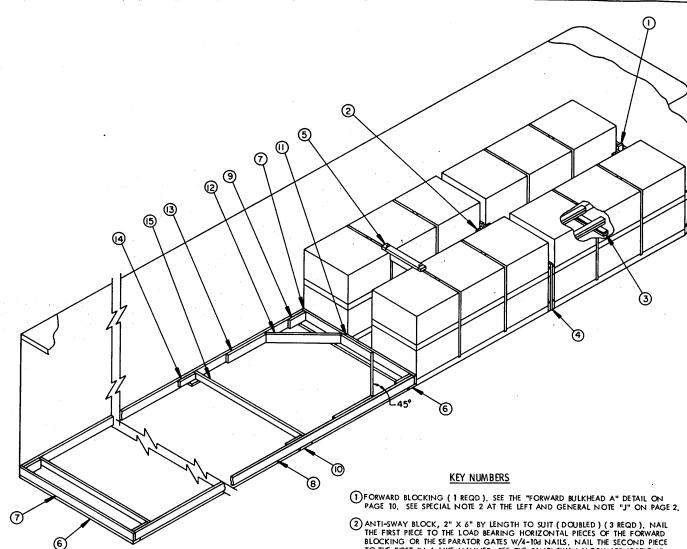
THIS BLOCKING ASSEMBLY IS DESIGNED FOR USE AT THE REAR END OF LOADS DEPICTED ON PAGES 6 AND 8.

NOTE THAT THE ABOVE VIEW IS ROTATED 180° FROM THE POSITION IN WHICH THE ASSEMBLY WILL BE INSTALLED.



THIS HEADER IS DESIGNED FOR USE WITH THE 1-UNIT WIDE LOAD AS SHOWN ON PAGE 15.





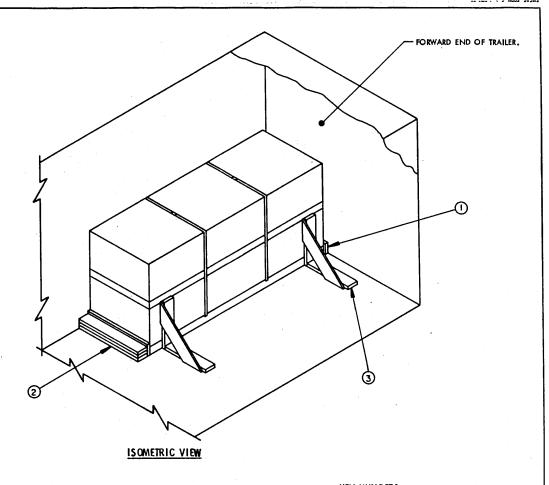
1. THESE OUTLOADING PROCEDURES DEPICT THE USE OF "K-BRACE" BLOCKING IN A 7'-6" WIDE (INSIDE DIMENSION) VAN TRAILER WHICH IS EQUIPPED WITH OR WITHOUT NAILABLE FLOORS,

ISOMETRIC VIEW

- A TRAILER HAVING ROUNDED CORNERS AT THE FORWARD END IS SHOWN. THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED ①, SHOWN AT THE FRONT END OF THE ROUNDED CORNER TRAILER SHOULD ALSO BE USED WHEN THE TRAILER FURNISHED FOR LOADING IS EQUIPPED WITH A SQUARE
- 3. IF THE SIDE STRUTS, SHOWN AS PIECE MARKED (8) , ARE FORMED FROM MORE THAN ONE PIECE OF MATERIAL, THEY MAY BE SPLICED BY CENTREING A 2" X 6" X 24" PIECE ON THE JOINT OF THE STRUT AND NAILING W/4-TOJ NAILS AT EACH END.
- ALL LTL LOADS, REGARDLESS OF THEIR SIZE, REQUIRE ONE STRUT BRACE POSITIONED AT THE REAR OF THE TRAILER AND NAILED TO PIECES (4). IF THE SIDE STRUTS, PIECES MARKED (8), ARE LONGER THAN 7'-0", AN ADDITIONAL STRUT BRACE, PIECE MARKED (3), AND TWO (2) STRUT BRACE RETAINING CLEATS, PIECES MARKED (4), MUST BE APPLIED TO STRUTS AND TWO (2) STRUT BRACE RETAINING CLEATS, PIECES MARKED FOR EVERY 7'-0" OF SIDE STRUT LENGTH.
- THE TYPICAL K-BRACE BLOCKING DEPICTED ABOVE WILL RETAIN A MAXIMUM OF 20,000 POUNDS.

- TO THE FIRST IN A LIKE MANNER. SEE THE "ANTI-SWAY BLOCK APPLICATION" DETAIL ON PAGE 12.
- 3 ANTI-SWAY BRACE (2 REQD). SEE THE "ANTI-SWAY BRACE" DETAIL ON PAGE 12. INSTALL BETWEEN LATERALLY ADJACENT LOWER LAYER CONTAINERS.
- (4) SEPARATOR GATE (1 REQD), SEE THE "SEPARATOR GATE A" DETAIL ON PAGE 11. POSITION BETWEEN LONGITUDINALLY ADJACENT LOAD UNITS AS SHOWN.
- (5) TOP-OF-LOAD ANTI-SWAY BRACE (1 REQD), SEE THE "TOP-OF-LOAD ANTI-SWAY BRACE" DETAIL ON PAGE 12. POSITION BETWEEN THE LATERALLY ADJACENT CONTAINERS IN THE REARMOST LOAD UNIT AS SHOWN AND WIRE TIE TO A UNITIZING STRAP AS SHOWN
- (6) HEADER AND SIDE STRUT SUPPORT, 2" X 6" BY TRAILER WIDTH MINUS 1/2" IN LENGTH (2 REQD), NAIL TO THE BOTTOM EDGE OF A HEADER W/1-104 NAIL EVERY 12"
- (7) HEADER, 2" X 6" BY TRAILER WIDTH MINUS 1/2" IN LENGTH (2 REQD).
- (8) SIDE STRUT, 2" X 6" BY CUT TO FIT BETWEEN PIECES MARKED (7) (2 REQD).
- POCKET CLEAT, 2" X 6" X 12" (4 REQD). NAIL TO PIECE MARKED (8) W/5-10d NAILS, TOENAIL TO THE ADJACENT PECE MARKED (7) W/3-12d NAILS.
- (10) RISER, 2" X 6" X 9" (2 REQD). NAIL TO THE BOTTOM EDGE OF PIECE MARKED (8) W/2-10d NAILS
- (1) CENTER CLEAT, 2" X 6" X 24" (1 REQD). NAIL TO THE HEADER, PIECE MARKED (7) , W/6-10d NAILS.
- (2) DIAG ONAL BRACE, 2" X 6" BY CUT TO FIT (2 REQD), DOUBLE BEVEL EACH END WITH 45° CUTS, INSTALL AT 45° ANGLE AS SHOWN AND TOENAIL TO THE ADJACENT PIECES MARKED (7) AND (8) W/2-12d NAILS AT EACH END.
- (3) SIDE CLEAT, 2" X 6" X 24" (2 REQD). NAIL TO A STRUT, PIECE MARKED (8) , W/8-104 NAILS.
- (4) STRUT BRACE RETAINING CLEAT, 2" X 4" X 12" (AS REQD). NAIL TO A STRUT, PIECE MARKED (B) W/3-10d NAILS. SEE SPECIAL NOTE 4 AT LEFT.
- (5) STRUT BRACE, 2" X 4" BY TRAILER WIDTH MINUS 8" (MINIMUM OF ONE REQD), NAIL TO PECES MARKED (4) W/2-12d NAILS AT EACH END, SEE SPECIAL NOTE 4 AT LEFT.

TYPICAL LTL, 4-UNIT LOADS (8-CONTAINERS) IN A CONVENTIONAL VAN TRAILER



- 1. A 1-UNIT LOAD (2-CONTAINERS) IS SHOWN, THESE OUTLOADING PROCEDURES DEPICT THE USE OF "LTL BRACE" TYPE BLOCKING IN A 7'-5" WIDE (INSIDE DIMENSION) VAN TRAILER WHICH IS EQUIPPED WITH A NAILABLE FLOOR, WIDER OR NARROWER TRAILERS CAN BE USED,
- IF THE TRAILER BEING LOADED HAS ROUNDED CORNERS AT THE FORWARD END, THE LOAD UNIT SHOULD BE CENTERED IN THE WIDTH OF THE TRAILER AND TWO (2) LTL BRACES ADDED ON THE OPPOSITE SIDE.

KEY NUMBERS

- \bigodot HEADER (1 REQD), SEE THE DETAIL ON PAGE 13, SEE GENERAL NOTE "J" ON PAGE 2.
- $\ensuremath{ \begin{tabular}{ll} \ensuremath{ \begin{tabular}{ll$
- (3) LTL BRACE (2 REQD.), SEE THE DETAIL ON PAGE 13. NAIL TO THE TRAILER FLOOR W/7-104 NAILS.



STRAP JOINT A

METHOD OF SECURING A STRAP JOINT WHEN USING A NOTCH-TYPE SEALER.



STRAP JOINT B

METHOD OF SECURING A STRAP JOINT WHEN USING A CRIMP-TYPE SEALER.