LOADING AND BRACING (TL & LTL) IN CLOSED OR OPEN TOP VAN TRAILERS OF COMPLETE ROUNDS PACKED IN CYLINDRICAL METAL CONTAINERS AND UNITIZED ON A 43-1/2" X 45-5/8" METAL PALLET

PAIO4 SERIES CONTAINER

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THIS DOCUMENT INCLUDES OUTLOADING PROCEDURES FOR CONVENTIONAL TYPE TRAILERS AND FOR TRAILERS EQUIPPED WITH MECHANICAL BRACING DEVICES AS APPROVED BY THE BUREAU OF EXPLOSIVES, ASSOCIATION OF AMERICAN RAIL-ROADS. CAUTION: THE PROCEDURES SHOWN HEREIN, FOR BOTH TYPES OF TRAILERS, ARE ONLY APPLICABLE FOR HIGHWAY MOVEMENTS; NOT FOR CONTAINER/TRAILER-ON-FLAT-CAR MOVEMENTS.

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REVISIONS

GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- 6. THE OUTLOADING PROCEDURES SPECIFIED IN THIS DRAWING ARE APPLICABLE ROR THE PAIGH COMMETE ROUND CONTAINER ASSEMBLED ON THE 43-1/2" X 45-5/8" 4-WAY ENTRY PALLET, SEE THE PICTORIAL VIEW ON PAGE 3 FOR SIZE AND WEIGHT. REFER TO U.S. ARMY AMC DRAWING 19-48-4079/68-20PM 1002 FOR UNITIZATION PROCEDURES FOR THE PAIGH METAL AMMUNITION CONTAINERS.
- C. THE OUTLOADING PROCEDURES DEPICTED WITHIN THIS DOCUMENT ARE APPLICABLE FOR SHIPMENTS IN CONVENTIONAL TYPE VAN TRAILERS, AND FOR SHIPMENTS IN VAN TRAILERS EQUIPPED WITH VARIOUS TYPES OF SELF-CONTAINED MECHANICAL BRACING DEVICES (CROSS MEMBERS AND WALL MEMBERS) AND APPLY TO TRAILERS HAVING WOOD, OR WOOD AND METAL, OR ALL METAL FLOORS. VAN TRAILERS WHICH ARE 40! -0" LONG BY 7" -6" TO 8" -2" WIDE (INSIDE DIMENSION) HAVE BEEN SHOWN, HOWEVER, THE PROCEDURES ARE ALSO APPLICABLE FOR TRAILERS WHICH ARE EIGHTY-NINE INCHES (99") IN WIDTH AND FOR TRAILERS OF OTHER LENGTHS FROM THE SHORTEST TO THE LONGEST AVAILABLE (REFI. 24" TO 33"), AND FOR STRAIGHT TRUCK VANS. THE LOADINGS AND BRACHOG PROCEDURES SPECIFIED HEREIN ARE ALSO ADEQUATE (CONFIGURATION WISE AND STRENGTH WISE) FOR LOADS IN SHORTER OR LONGER VANS AND IN NARROWER OR WIDDER VANS THAN SHOWN. THE SPECIFIED BRACING IS ADEQUATE FOR LOADS WEIGHING UP TO AND INCLUDING THE MAXIMUM WEIGHTS PERMITTED BY LAW.
- D. THE OUTLOADING PROCEDURES DEPICTED WITHIN THIS DOCUMENT FOR TRAILERS EQUIPPED WITH VARIOUS TYPES OF SELF-CONTAINED MECHANICAL BRACHING DEVICES ARE LIMITED TO HIGHWAY MOVEMENTS ONLY. THE HEIGHT REQUIREMENTS SPECIFIED WITHIN THIS DRAWING FOR THE INSTALLATION OF CROSS MEMBERS ARE IDENTICAL WITH THOSE RECOMMENDED BY THE BIREAU OF EXPLOSIVES PAMPHLET &C, AND APPENDICES THERETO.

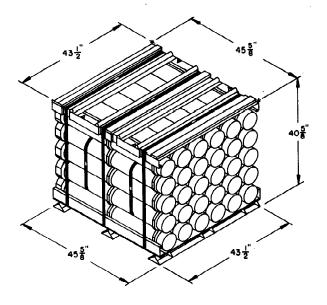
 CAUTION: TRAILERS EQUIPPED WITH WALL MEMBERS WHICH DO NOT MEET THE LOCATION REQUIREMENTS MUST NOT BE USED.
 - I. PALLET UNITS SHOULD BE LOADED TIGHTLY AGAINST EACH OTHER AND/
 OR AGAINST INSTALLED CROSS MEMBERS, VOIDS LENGTHWISE WITHIN A
 LOAD SHOULD BE MINIMUM. CROSS MEMBERS MUST BE PLACED AGAINST
 THE LADING AS TIGHTLY AS THE WALL MEMBER LOCKING HOLE SPACING
 PERMITS. EACH CROSS MEMBER WILL BE INSTALLED WITH EACH END
 ATTACHED AS NEARLY AS POSSIBLE IN A "MATED" POSITION (AT EQUAL
 HEIGHTS, AND AT EQUAL DISTANCES FROM THE END OF THE TRAILER).
 - CROSS MEMBERS IN EMPTY TRAILERS AND THOSE UNUSED IN LOADED TRAILERS MUST BE "SECURED" FOR SHIPMENT, COMPONENTS ASSIGNED TO EACH TRAILER MUST REMAIN THEREWITH EVEN THOUGH UNUSED DURING SOME SHIPMENTS.
 - ONE (1) CROSS MEMBER WILL BE REQUIRED FOR EACH 10,000 POUNDS OF LADING AND SHOULD NOT BE RELIED UPON TO RETAIN A GREATER WEIGHT. CROSS MEMBERS WILL NOT BE DOUBLED, THAT IS, TWO CROSS MEMBERS AT THE SAME HEIGHT LOCATION WILL NOT BE PLACED SIDE BY SIDE.
- E. SELECTION OF A VEHICLE TO BE USED TO TRANSPORT THE DESIGNATED ITEM MUST COMPLY WITH AR 55-355, CHAPTER 29, FOR EXPLOSIVES AND CITHER DANGEROUS ARTICLES, IN FULL.
- F. 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 CAD ACCORDINGLY. THE TOTAL WEIGHT OF THE LADING, OF THE DUNNARG, OF THE TRACTOR AND OF THE SEMI-TRAILER CARRYING THE LADING MUST NOT EXCEED THE MAXIMUM AROSS WEIGHT ALLCWED 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 OF AXLE WEIGHT EXCEED THE MAXIMUM ALLOWABLE WEIGHT.

(CONTINUED AT RIGHT)

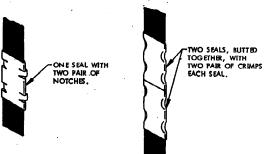
FOWING	120 31 CO 1111 - 1-31, 222 111 1 1 2 2 1 1 1 1 1 1 2 2 1
NAILS1	FED SPEC FF-N-105, COMMON.
STRAPPING, STEEL	FED SPEC QQ-S-781, CLASS 1, TYPE I CR IV, HEAVY DUTY, FINISH A, B (GRADE 2), CR C.
SEAL, STRAP	FED SPEC QQ-S-781; TYPE D, STYLE I, II, \square , \square CR \square V, CLASS H, HNISH A, $\$$ (GRADE 2), \square R C.
PLYWOOD	GROUP B, CONSTRUCTION AND INDUSTRIAL PLYWOOD, INTERIOR WITH EXTERIOR GLUE, GRADE G-D, FED SPEC NN-2-530. IF SPECIFIED GRADE IS NOT AVAILABLE, A BETTER INTERIOR OR AN EXTERIOR GRADE MAY BE SUBSTITUTED.
WIRE	FED SPEC QQ-W-461.
<u>TYGARD</u> :	POLYESTER YARN, 1,100 POUNDS/INCH OF WIDTH STRENGTH.
ADHESIVE	TYGARD ADHESIVE.

(GENERAL NO TES CONTINUED)

- G. NOTICE: A SHIPMENT WILL BE POSITIONED IN THE TRAILER CONSISTENT WITH STATE WEIGHT LAWS. THE NUMBER OF LADING UNITS MAY BE ADJUSTED TO HIT 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.
- H. THE "LOAD AS SHOWN" FOR MOST OF THE FULL LOADS DEPICTED HEREIN IS BASED ON AN APPROXIMATE LADING WEIGHT OF 42,000 FOUNDS. THE SPECIFIED BLOCKING AND BRACING FOR THE FLAL LOADS IS ADEQUATE FOR THE RETENTION OF HEAVIER LOADS, IF IT IS DESIRED TO INCREASE THE LADING WEIGHT.
- J. OTHER TYPES OF LADING ITEMS MAY BE LOADED INTO TRAILERS, WHICH ARE PARTIALLY LOADED WITH PALLET UNITS OF COMPLETE ROUNDS, PROVIDING THE TOTAL LOAD IS COMPATIBLE, EXISTING DIRECTIVES ARE NOT YIOLATED, AND THE OTHER LADING ITEMS ARE BLOCKED AND BRACED TO EQUAL THE BLOCKING AND BRACING CRITERIA SPECIFIED HEREIN.
- K. SOME LOADS ARE SHOWN IN TRAILERS HAVING ROUNDED CORNERS AT THE FORWARD END. IF THE CONVENTIONAL VAN TRAILER BEING USED IS EQUIPPED WITH A SQUARE FRONT OR WITH AN INSTALLED BUL WHEAD, OMIT THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED (), AND POSITION THE PALLET UNITS DIRECTLY AGAINST THE FORWARD FORTION OF THE TRAILER; OMIT CROSS MEMBERS IN THE FORWARD END OF MECHANICAL VAN TRAILERS HAVING A SQUARE FRONT.
- L. PALLET UNITS WHICH DO NOT CONTAIN A FULL QUANTITY OF ITEMS
 CAN BE TRANSPORTED. SEE THE "SHIPMENT OF A FARTIAL "BALLET UNIT"
 DETAIL AND SPECIAL NOTES ON PAGE 14. FOR "SHIPMENT OF LEFTOYER
 CONTAINERS", SEE THE DETAILS AND SPECIAL NOTES ON PAGE 13.
- M. 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 SEALER 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 CRIMPTYPE SEALER IS BEING USED. REFER TO THE "STRAP JOINT A" AND "STRAP JOINT B" DETAILS ON PAGE 3 FOR GUIDANCE.
- N. 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.
- C. NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHEREVER ROSSINE WHEN NAILS ARE DRIVEN INTO JOINTS OF DUNNAGE ASSEMBLIES. ALSO, A STAGGERED NAILING PATTERN WILL BE USED WHEN DUNNAGE IS NAILED TO THE FROOR OF THE TRANSPORTING VEHICLE, OR WHEN LAMINATING DUNNAGE. THE NAILING PATTERN WILL BE ADJUSTED AS REQUIRED SO THAT A NAIL DCES NOT PENERTRE 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.
- P. 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" FOR 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 EQUIVALENT TO THOSE MANUFACTURED BY SENCO PRODUCTS INCORPORATED. NOTE: STAPLES WILL NCT BE SUBSTITUTED FOR NAILS IN ANY LOAD RESTRAINING FLOOR DUNNAGE APPLICATION.
- Q. PORTIONS OF THE TRAILERS, SUCH AS SIDEWALLS, END WALLS, AND ROOFS, HAVE NOT BEEN SHOWN IN THE LOAD VIEWS FOR CLARITY PLANT ST.
- R. FOR ADDITIONAL GUIDANCE, ATTENTION IS DIRECTED TO THE "SPECIAL NO TES" SECTIONS WHICH ARE IMMEDIATELY ADJACENT TO THE DEPICTED OUTLOADING METHODS.
- S. CCNVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCU-MENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COM-PUTED ON THE BASIS OF ONE INCH EQUALS 25,4MM AND ONE POUND EQUALS 0,454KG.
- T. LC NGITUDINALLY ADJACENT PALLET UNITS IN A TRAILER WILL BE POSITIONED WITH THE BASE END AGAINST BASE END OR BELL END AGAINST BALL END. THE FRONT LOAD UNIT IN A TRAILER WILL BE POSITIONED WITH THE BASE ENDS OF THE CONTAINERS TOWARD THE TROINT WALL OF THE TRAILER.



PALLET UNIT



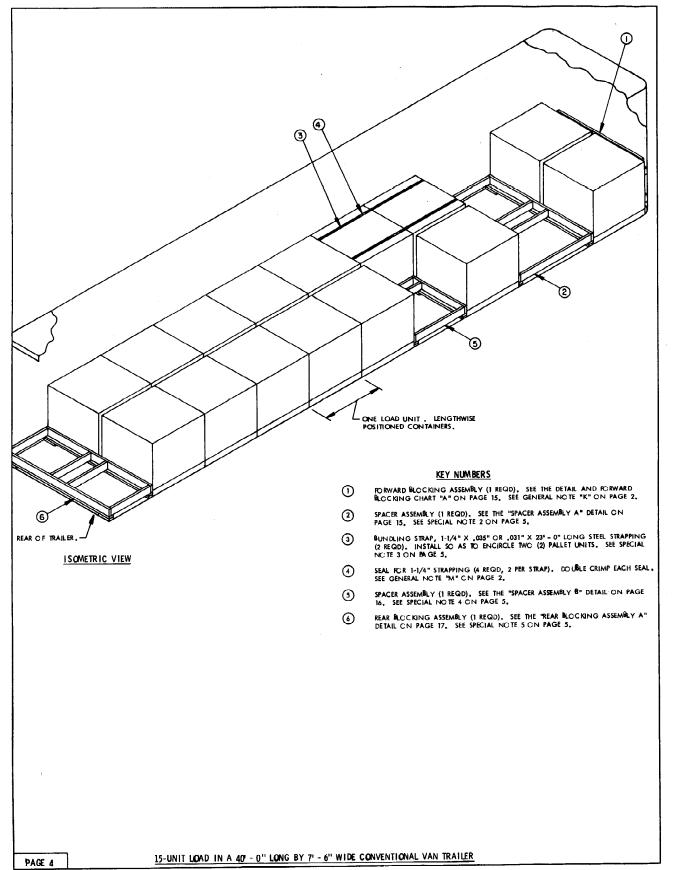
STRAP JOINT A

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.

DETAILS



SPECIAL NOTES

- A 15-UNIT LOAD IS SHOWN IN A 40'-0" LONG BY 7'-6" WIDE (INSIDE DIMENSION) CONVENTIONAL TYPE VAN TRAILER. TRAILERS OF ANY WIDTH , UP TO 7'-9" WIDE CAN BE USED.
- 2. SPACER ASSEMBLY "A" SHOWN AS PIECE MARKED ② IN THE LOAD ON PAGE 4 IS USED FOR THE PURPOSE OF PROVIDING FOR PROPER WEIGHT DISTRIBUTION, AND IS SHOWN AS TYPICAL ONLY. IF THE TRAILER TO BE LOADED IS LONGER THAN 40' THE LOCATION OF THE ASSEMBLY, AND/OR THE STRUT LENGTHS, MAY BE DIFFERENT FROM WHAT IS SHOWN. IF A SHORTER TRAILER IS USED FOR THE DEPICTED LOAD, THIS ASSEMBLY MAY NOT BE REQUIRED. NOTE THAT A SPACER ASSEMBLY MUST NOT BE POSITIONED ADJACENT TO THE FORWARD BLOCKING ASSEMBLY, PIECE MARKET ③
- A PALLET UNIT THAT DOES NOT HAVE A PALLET UNIT DIRECTLY OPPOSITE MUST BE SECURED BY INSTALLING BUNDLING STRAPS, SHOWN AS PIECE MARKED (3) IN THE LOAD ON PAGE, A, AROUND THAT PALLET UNIT AND THE PALLET UNIT IMMEDIATELY ADJACENT.
- 4. THE SPACER ASSEMBLY SHOWN AS PIECE MARKED (3) IN THE LOAD VIEW, IS ONLY SHOWN TO DEPICT A TYPICAL INSTALLATION. IF A PALLET UNIT IS LOADED IN PLACE OF THE SPACER ASSEMBLY, BUNDLING STRAPS, PIECES MARKED (3) WILL NOT BE REQUIRED. NOTE THAT A SPACER ASSEMBLY MUST BE POSITIONED WHERE THERE WILL BE A PALLET UNIT AT EACH END, A SPACER ASSEMBLY MUST NOT BE POSITIONED ADJACENT TO THE FORWARD BLOCKING ASSEMBLY, PIECE MARKED (1).
- 5. IF THE VOID AT THE REAR OF THE LOAD BETWEEN THE PALLET UNITS AND THE REAR DOOR MEASURES 1-1/2" OR LESS REAR BLOCKING IS NOT REQUIRED. IF THE VOID AT THE REAR OF THE LOAD IS GREATER THAN 1-1/2" BUT LESS THAN 9", USE "REAR BLOCKING ASSEMBLY C" AS DETAILED ON PAGE 17. IF THE VOID AT THE REAR OF THE LOAD IS 9" OR GREATER, USE THE REAR BLOCKING ASSEMBLY, PIECE MARKED () ON PAGE 4.
- . REFER TO PAGE 14 FOR QUIDANCE IN THE SHIPMENT OF PARTIAL PALLET UNITS.
- LEFTOVER CONTAINERS IN AN AMOUNT NOT TO EXCEED FIVE (5) MAY BE SECURED TO THE TOP OF A FULL PALLET UNIT FOR SHIPMENT. REFER TO THE "PROCEDURES FOR SHIPMENT OF LEFTOVER CONTAINERS" ON PAGE 13 FOR GUIDANCE.
- 8. TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY BE USED; HOWEVER, SPECIAL REAR BLOCKING MUST BE INSTALLED. SEE THE "PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS" ON PAGES 18 AND 19 FOR GUIDANCE, THE NAILED-HEADER METHOD IS SHOWN ON PAGE 18 AND THE TYGARD METHOD IS SHOWN ON PAGE 19. NOTE THAT THE SPECIAL REAR BLOCKING FOR TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY ALSO BE USED IN TRAILERS EQUIPPED WITH HINGED DOORS.

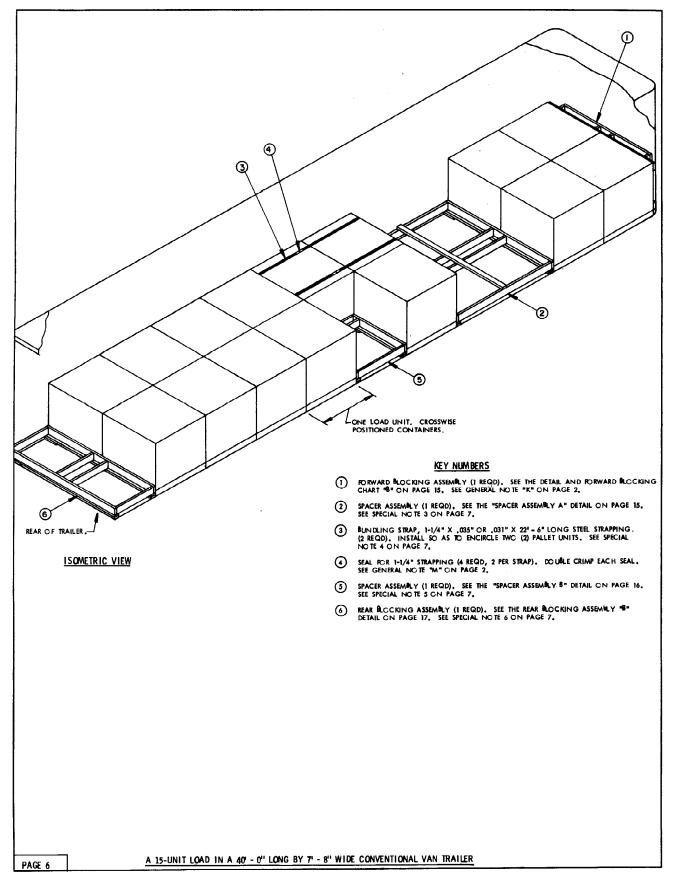
LUMBER	LINEAR FEET	BOARD FEET
2" X 3" 2" X 4" 2" X 6"	2 59 108	1 40 108
NAILS	NO , REQD	POUNDS
10d (3")	166	2 1/2

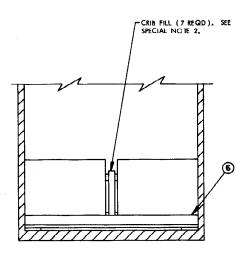
LOAD AS SHOWN

PALLET UNIT ______ 15 _____ 40,995 LBS
DUNNAGE _____ 308 LBS

TO TAL WEIGHT ----- 41,303 LBS

A 15-UNIT LOAD IN A 40' - 0" LONG BY 7' - 6" WIDE CONVENTIONAL VAN TRAILER





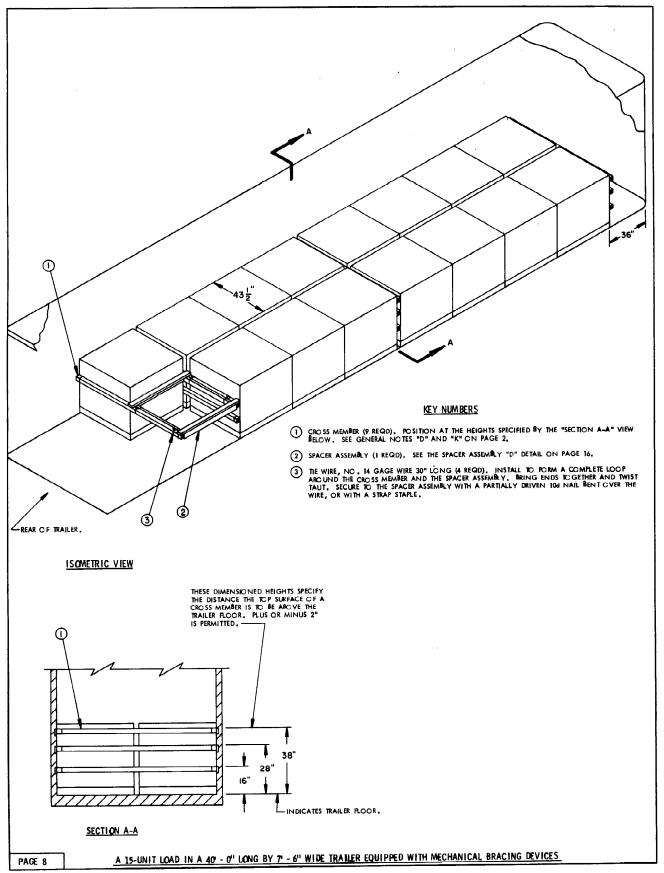
TYPICAL REAR VIEW OF AN 8' - 2" WIDE VAN

L UM BER	LINEAR FEET	GARD FEET
2" X 4"	69	46
2" X 6"	114	114
NAILS	NO . REQD	POUNDS
10d (3")	166	2+1/2

SPECIAL NO TES:

- A 15-UNIT LOAD IS SHOWN IN A 40" 0" LONG 8Y 7" 8" WIDE (INSIDE DIMENSION) CONVENTIONAL VAN TYPE TRAILER, WIDER TRAILERS OF OTHER LENGTHS CAN BE USED. SEE SPECIAL NOTE 2.
- 2. IF A TRAILER WHICH IS WIDER THAN 8" 1" IS TO BE LOADED, CRIB FILL WILL BE REQUIRED BETWEEN LATERALLY ADJACENT PALLET UNITS. SEE THE "TYPICAL REAR VIEW OF AN 8" - 2" WIDE VAN" AT LEFT, AND THE "CRIB FILL" DETAIL ON PAGE 16.
- 3. SPACER ASSEMBLY "A" SHOWN AS PIECE MARKED ② IN THE LOAD ON PAGE 6 IS USED FOR THE PURPOSE OF PROVIDING FOR PROPER WEIGHT DISTRIBUTION, AND IS SHOWN AS TYPICAL ONLY. IF THE TRAILER TO BE LOADED IS LONGER THAN 40' THE LOCATION OF THE ASSEMBLY, AND/OR THE STRUIT LENGTHS, MAY BE DIFFERENT FROM WHAT IS SHOWN. IF A SHORTER TRAILER IS USED FOR THE DEPICTED LOCAD, THIS ASSEMBLY MAY NOT BE REQUIRED. NOTE THAT A SPACER ASSEMBLY MUST NOT BE POSITIONED ADJACENT TO THE FORWARD BLOCKING ASSEMBLY, PECE MARKED ①
- A PALLET UNIT THAT DOES NOT HAVE A PALLET UNIT DIRECTLY OPPOSITE MUST BE SECURED BY INSTALLING BUNDLING STRAPS, SHOWN AS PIECE MARKED (3) IN THE LOAD ON PAGE, 6, AROUND THAT PALLET UNIT AND THE PALLET UNIT IMMEDIATELY ADJACENT.
- 5. THE SPACER ASSEMBLY SHOWN AS PIECE MARKED (3) IN THE LOAD VIEW, IS ONLY SMOWN TO DEPICT A TYPICAL INSTALLATION. IF A PALLET UNIT IS LOADED IN PLACE OF THE SPACER ASSEMBLY, BUNDLING STRAPS, SHOWN AS PIECE MARKED (3), WILL NOT BE REQUIRED. NOTE THAT A SPACER ASSEMBLY MUST BE POSITIONED WHERE THERE WILL BE A PALLET UNIT AT EACH FORWARD BLOCKING ASSEMBLY MUST NOT BE POSITIONED ADJACENT TO THE FORWARD BLOCKING ASSEMBLY PIECE MARKED (1).
- 6. IF THE SPACE AT THE REAR OF THE LOAD BETWEEN THE PALLET UNITS AND THE REAR DOOR IS GREATER THAN 1-1/2" BUT LESS THAN 9", USE REAR BLOCKING ASSEMBLY "C" AS DETAILED ON PAGE 17. IF THE VOID AT THE REAR OF THE LOAD IS 9" OR GREATER, USE THE REAR BLOCKING ASSEMBLY "8" AS SHOWN. IF THE VOID AT THE REAR OF THE LOAD MEASURES 1-1/2" OR LESS, REAR BLOCKING IS NOT REQUIRED.
- 7. REFER TO PAGE 14 FOR GUIDANCE IN THE SHIPMENT OF PARTIAL PALLET UNITS.
- LEFTOVER CONTAINERS IN AN AMOUNT NOT TO EXCEED FIVE (5) MAY BE SECURED TO THE TOP OF A FULL PALLET UNIT FOR SHIPMENT, REPER TO THE "PROCEDURES FOR SHIPMENT OF LEFTOVER CONTAINERS" ON PAGE 13 FOR GUIDANCE.
- 9. TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY BE USED; HOWEVER, SPECIAL REAR BLOCKING MUST BE INSTALLED. SEE THE "PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS" OF PAGES 18 AND 19 FOR GUIDANCE, THE NALLEG-HEADER METHOD IS SHOWN ON PAGE 19. NOTE ON PAGE 18 AND THE TYGARD METHOD IS SHOWN ON PAGE 19. NOTE THAT THE SPECIAL REAR BLOCKING FOR TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY ALSO BE USED IN TRAILERS EQUIPPED WITH HINGED DOORS.

LOAD AS SHOWN



SPECIAL NOTES:

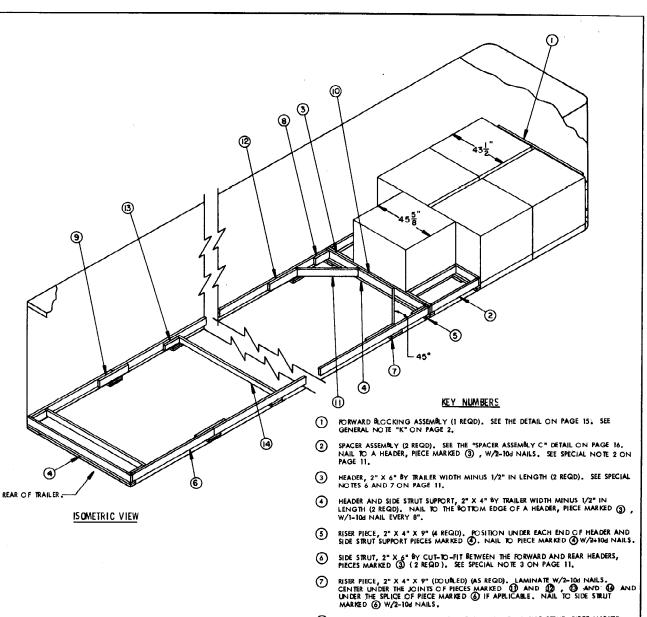
- A 15-UNIT LOAD IS SHOWN IN A 40" 0" LONG BY 7" 6" WIDE (INSIDE DIMENSION) TRAILER EQUIPPED WITH MECHANICAL BRACING DEVICES, TRAILERS OF OTHER DIMENSIONS CAN BE USED.
- 2. THE SPACER ASSEMBLY SHOWN AS PIECE MARKED ② IN THE LOAD VIEW, IS ONLY SHOWN TO DEPICT A TYPICAL INSTALLATION. IF A PALLET UNIT IS TO BE ADDED OR OMITTED FROM THE DEPICTED LOAD, PIECE MARKED ② WILL NOT BE REQUIRED,
- 3. REFER TO PAGE 14 FOR GUIDANCE IN THE SHIPMENT OF PARTIAL PALLET LINITS.
- 4. LEFTOVER CONTAINERS IN AN AMOUNT NOT TO EXCEED FIVE (5) MAY BE SECURED TO THE TOP OF A FULL PALLET UNIT FOR SHIPMENT, REFER TO THE "PROCEDURES FOR SHIPMENT OF LEFTOVER CONTAINERS" ON PAGE 13 FOR GUIDANCE.
- 5. IF THE TRAILER BEING LOADED IS EQUIPPED ONLY WITH SHORT WALL MEMBERS AT THE REAR FOR ATTACHMENT OF THE CROSS MEMBERS, THE CROSS MEMBERS LOCATED AT THE FRONT OF THE TRAILER AND THOSE LOCATED NEAR THE CENTER PORTION OF THE LOAD LENGTH WILL BE CMITTED, ONE (1) PALLET UNIT WILL HAVE TO BE OMITTED. A PLYWOOD GATE WHICH IS 42" HIGH. BY TRAILER WIDTH MINUS 1/2". IN LENGTH MUST BE INSTALLED AT THE REAR OF THE LOAD, AND CROSS MEMBERS WILL BE INSTALLED AT THE 4", 16", 28", AND 38" HEIGHT LOCATIONS. ALSO, SPACER ASSEMBLIES WILL BE INSTALLED AS REQUIRED FOR QUANTITY ADJUSTMENT, AND/OR TO PROVIDE FOR PROPER WEIGHT IDSTRIBUTION. SEE PIECES MARKED (2) AND (3) ON PAGE 4 FOR A TYPICAL INSTALLATION, AND SPECIAL NOTES 2 AND 4 ON PAGE 5 FOR GUIDANCE.

LUMBER	LINEAR FEET	BO ARD FEET
2" X 4"	24	16
NAILS	NO , REQD	POUNDS
10d (3")	20	1/2

LOAD AS SHOWN

TO TAL WEIGHT -----41,028 LBS

A 15-UNIT LOAD IN A 40' - 0" LONG BY 7' - 6" WIDE TRAILER EQUIPPED WITH MECHANICAL BRACING

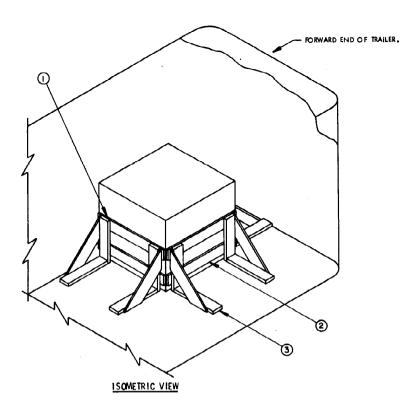


- (8) POCKET CLEAT, 2" X 6" X 12" (4 REQD) J. NAIL TO A SIDE STRUT, PIECE MARKED (3) W/3-12d NAILS. TOENAIL TO THE ADJACENT HEADER, PIECE MARKED (3), W/3-12d NAILS.
- (9) SPLICE PIECE, 2" X 4" X 24" (AS REQD). CENTER ON JOINT OF PIECES MARKED
 (3) AND NAIL TO SIDE STRUT MARKED. (3) W/4-104 NAILS AT EACH END. SEE
 SPECIAL NOTE 3 ON PAGE 11.
- (10) CENTER CLEAT, 2" X 6" X 30" (1 REQD). NAIL TO A HEADER, PIECE MARKED (3), , W/6-10d MAILS.
- (1) DIAGONAL BRACE, 2" X 6" BY CUT-TO-FIT (2 REQD). DOUBLE BEVEL EACH END WITH 45" CUTS. INSTALL AT A 45" ANGLE AS SHOWN AND TOENAIL TO THE ADJACENT HEADER AND SIDE STRUT, PIECES MARKED (3) AND (6), W/2-164 NAILS AT EACH END.
- (2) BACK-UP CLEAT, 2" X 6" X 24" (2 REQD). NAIL TO A SIDE STRUT, PIECE MARKED (3), W/6-10d NAILS.
- (3) STRUT BRACE RETAINING CLEAT, 2" X 4" X 12" (AS REQD). NAIL TO A SIDE STRUT, PIECE MARKED (6), W/3-104 NAILS. SEE SPECIAL NOTE 4 ON PAGE 11.
- (14) STRUT BRACE, 2" X 4" BY TRAILER WIDTH MINUS 3" IN LENGTH (MINIMUM OF ONE REQUIRED). NAIL TO THE POCKET CLEATS, PIECES MARKED. (18), AND/OR TO THE STRUT BRACE RETAINING CLEATS, PIECES MARKED. (13), W/2-124 NAILS AT EACH END. SEE SPECIAL NOTE 4 ON PAGE 11.

TYPICAL LTL (5-UNIT LOAD) IN A 7' - 6" WIDE CONVENTIONAL VAN TRAILER

SPECIAL NOTES:

- A 7'-6" WIDE (INSIDE DIMENSION) CONVENTIONAL VAN TRAILER 5 SHOWN.
 TRAILERS OF OTHER WIDTHS CAN BE USED.
- 2. THE SPACER ASSEMBLIES, PIECE MARKED ② , ARE SHOWN ONLY TO DEPICT A TYPICAL INSTALLATION. SPACER ASSEMBLIES WILL BE USED WHEN A PALLET UNIT IS OMITTED. THEY MAY OR MAY NOT BE REQUIRED, DEFENDING ON THE QUANTITY OF PALLET UNITS TO BE SHIPPED.
- 4. ALL LTL LOADS, REGARDLESS OF THE IR SIZE, REQUIRE ONE STRUT BRACE POSITIONED AT THE REAR OF THE TRAILER AND NAILED TO PIECE MARKED (8). IF THE SIDE STRUTS, PRECES MARKED (7), ARE LONGER THAN 7'-0", AN ADDITIONAL STRUT BRACE, PIECE MARKED (7), AND TWO (2) STRUT BRACE RETAINING CLEATS, PIECES MARKED (7), AND TWO (2) RISER PIECES MARKED (7), MUST BE APPLIED FOR EVERY 7'-0" OF SIDE STRUT IFNICTH
- 5. THE "K-BRACE" BLOCKING, SHOWN AS PIECES MARKED ③ THRU ④, IS ADEQUATE FOR RETAINING A MAXIMUM LTL LOAD OF 20,000 POUNDS.
- 6. TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY BE USED; HOWEVER, SPECIAL REAR BLOCKING MUST BE INSTALLED, SEE THE "PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS" ON PAGES 18 AND 19 FOR GUIDANCE. THE NAILED-HEADER METHOD SHOWN ON PAGE 18 OR THE TYGARD METHOD SHOWN ON PAGE 19 SHOULD BE USED IF POSSIBLE IN LIEU OF PIECES MARKED 3 THRU 10 WHICH APPLY TO TRAILERS HAVING NON-NAILABLE FLOORS, NOTE THAT THE SPECIAL REAR BLOCKING FOR TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS MAY ALSO BE USED IN TRAILERS EQUIPPED WITH HINGED DOORS.
- 7. IF DESIRED IN TRAILERS EQUIPPED WITH NAILABLE FLOORS, THE NAILED-HEADER METHOD OF BEAR BLOCKING MAY BE USED IN LIEU OF PIECES MARKED (3) THEN (4) . REFER TO PAGE 18 FOR GUIDANCE, AS AN ALTERNATIVE IN NAILABLE FLOOR TRAILERS, OR IN TRAILERS HAVING NON-NAILABLE FLOORS, THE TYGARD METHOD DEPICTED ON PAGE 19 MAY BE USED.
- 8. REFER TO PAGE 14 FOR GUIDANCE IN THE SHIPMENT OF PARTIAL PALLET UNITS.
- P. LEFTOVER CONTAINERS, IN AN AMOUNT NOT TO EXCEED FIVE (5), MAY BE SECURED TO THE TOP OF A FULL PALLET UNIT FOR SHIPMENT, REFER TO THE "PROCEDURES FOR SHIPMENT OF LEFTOVER CONTAINERS" ON PAGE 13 FOR GUIDANCE.

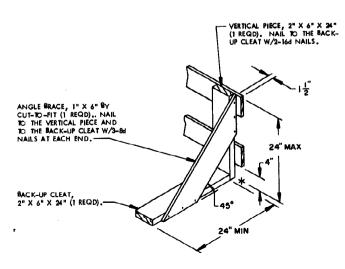


SPECIAL NO TES:

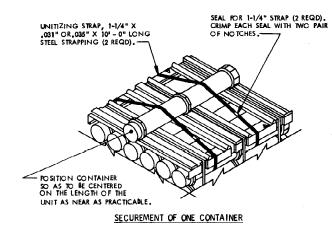
- 1. A 7" 6" WIDE (INSIDE DIMENSION) TRAILER WHICH HAS A NAILABLE FLOOR IS SHOWN. TRAILERS OF OTHER WIDTHS CAN BE USED.
- THE POSITIONING OF A SINGLE PALLET UNIT IS OPTIONAL. IF THE TRAILER HAS A SQUARE FRONT, THE TWO (2) FORWARD LTL BRACES MAY BE OMITTED AND THE UNIT POSITIONED AGAINST THE END WALL.
- 3. EACH LTL BRACE AS APPLIED FOR LONGITUDINAL BRACING WILL SUPPORT 2,000 POUNDS OF LADING, HOWEVER, NOT LESS THAN TWO (2) BRACES WILL BE USED AGAINST EACH PALLET UNIT ACROSS THE WIDTH OF THE TRAILER. ADDITIONAL BRACES MAY BE INSTALLED FOR THE RETENTION OF A HEAVIER LOAD.

KEY NUMBERS

- (1) LOAD BEARING PIECE, 1" X 6" X 43" (4 REQD). LOCATE AT THE HEIGHTS AS SPECIFIED IN THE "LTL BRACE" DETAIL BELOW. NAIL TO THE LTL BRACES W/4-6d NAILS AT EACH JOINT. SEE THE GENERAL NOTE "O" ON PAGE 2.
- (2) LOAD BEARING PIECE, 1" X 6" X 45" (2 REQD), LOCATE AT THE HEIGHTS AS SPECIFIED IN THE "LTL BRACE" DETAIL BELOW. NAIL TO THE LTL BRACES W/4-6d NAILS AT EACH JOINT.
- (3) LTL BRACE (6 REQD). SEE THE "LTL BRACE" DETAIL BELOW. NAIL TO THE TRAILER FLOOR W/ 7-10d Nails.

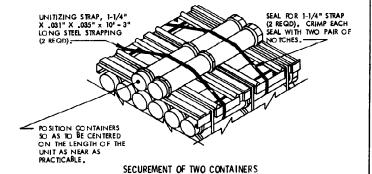


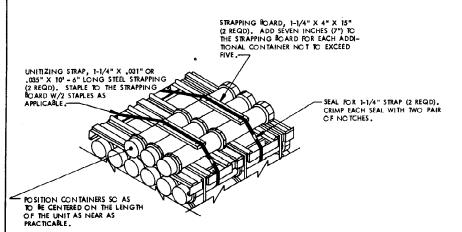
TYPICAL LTL (1-UNIT LOAD) IN A CONVENTIONAL VAN TRAILER



SPECIAL NOTES:

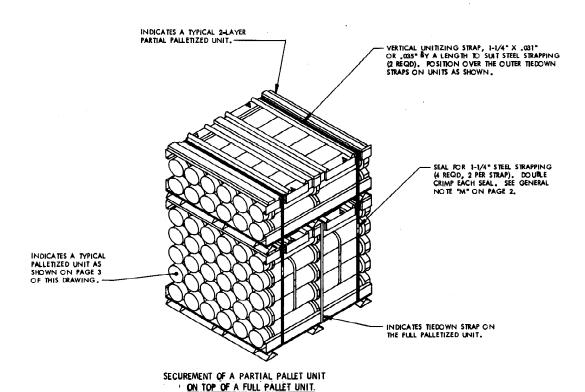
- I. SHIPMENTS OF COMPLETE ROUNDS SHOULD CONSIST OF FULL-HEIGHT AND FULL-LAYER UNITS TO THE MAXIMUM EXTENT ROSSIBLE. HOWEVER, THE END OF A LOT, OR THE QUANTITY OF HEMS NEEDED TO FILL A REQUISITION, MAY NECESSITATE THE SHIPMENT OF ONE OR MORE LEFTOVER CONTAINERS. LEFTOVER CONTAINERS ARE DESCRIBED AS A QUANTITY OF CONTAINERS WHICH IS INSUFFICIENT TO FORM A FULL-LAYERED PARTIAL UNIT FOR SECUREMENT ON TOP OF A FULL PALLET UNIT AS SHOWN ON PAGE 14,
- 2. SHIPMENT OF LEFTOVER CONTAINERS IS APPLICABLE FOR CONUS AND OCONUS MOTOR CARRIER SHIPMENTS FROM DEPOT TO DEPOT OR FROM DEPOT TO ROSTS, CAMPS, AND STATIONS, OR UPON APPROVAL FROM HIGHER HEADQUARTERS, FOR SHIPMENTS FROM LOAD, ASSEMBLE, AND PACK PLANTS TO DEPOTS. CAUTION: A LOAD CONTAINING LEFTOVER CONTAININGS IN AN AMOUNT WHICH IS LESS THAN A FULL LAYER, AND SECURED TO THE TOP OF A FULL OR PARTIAL LINIT, MUST NOT BE DESTINED FOR SHIPMENT OVERSEAS BY WATER CARRIER.
- 3. THE PROCEDURES ON THIS PAGE ARE APPLICABLE FOR THE SHIPMENT OF LEFTOVER CONTAINERS IN ANY OF THE LOADS DEPICTED HEREIN.





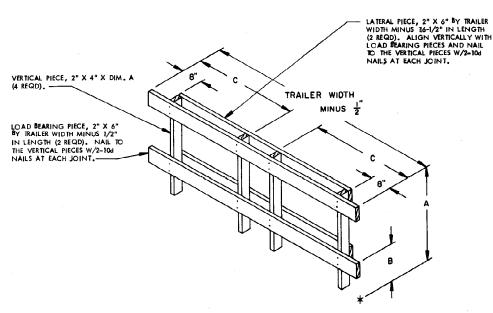
SECUREMENT OF THREE CONTAINERS

PROCEDURES FOR SHIPMENT OF LEFTOVER CONTAINERS



SPECIAL NO TES:

- 1. THE VIEW SHOWN ABOVE DEPICTS A PARTIAL 2-LAYER PALLET UNIT FOSTITIONED ON 100 PO A FULL-HEIGHT PALLET UNIT AND UNITIZED WITH TWO VERTICAL UNITIZING STRAPS. PLACEMENT WITHIN THE LOAD IS OPTIONAL, EXCEPT THAT IT WILL NOT BE POSITIONED ADJACENT TO SPACER ASSEMBLES MARKED ② AND (3) IN THE LOAD ON PAGE 4, AND MARKED ② AND ③ IN THE LOAD ON PAGE 6, IN THE REAR LOAD UNIT, OR WITHIN A GROUP WHICH IS BUNDLED TOGETHER.
- 2. SHIPMENTS OF PALLET UNITS SHOULD CONSIST OF FULL-HEIGHT AND FULL-LAYER UNITS TO THE MAXIMUM EXTENT POSSIBLE. HOWEVER, THE END OF A LOT, OR THE QUANTITY OF ITEMS NEEDED TO FILL A REQUISITION MAY NECES-SITATE THE SHIPMENT OF ONE OR MORE LESS-THAN-FULL PALLET UNITS WITHIN A LOAD. THE PROCEDURES ON THIS PAGE AND ON PAGE 13 ARE PRESENTED AS GUIDANCE IN THE SHIPMENT OF THESE PARTIAL UNITS.
- THE "SHIPMENT OF A PARTIAL PALLET UNIT" PROCEDURES ON THIS PAGE ARE APPLICABLE FOR LOADS IN CONVENTIONAL TYPE VAN TRAILERS AND IN TRAILERS EQUIPPED WITH MECHANICAL BRACING DEVICES.
- 4. FOR SHIPMENT OF ONE THRU FIVE "LEFTOVER" CONTAINERS, SEE THE PROCEDURES ON PAGE 13 OF THIS DRAWING.

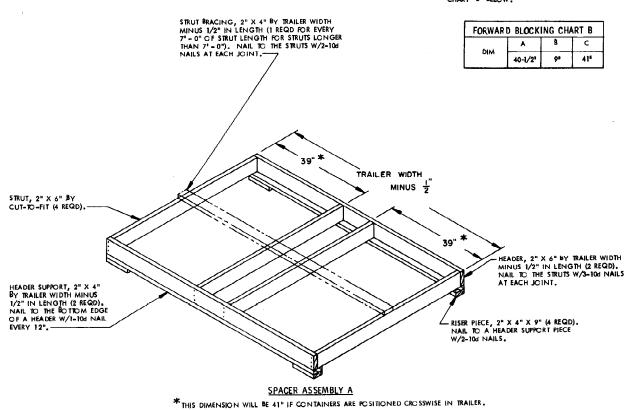


FORWARD BLOCKING ASSEMBLY

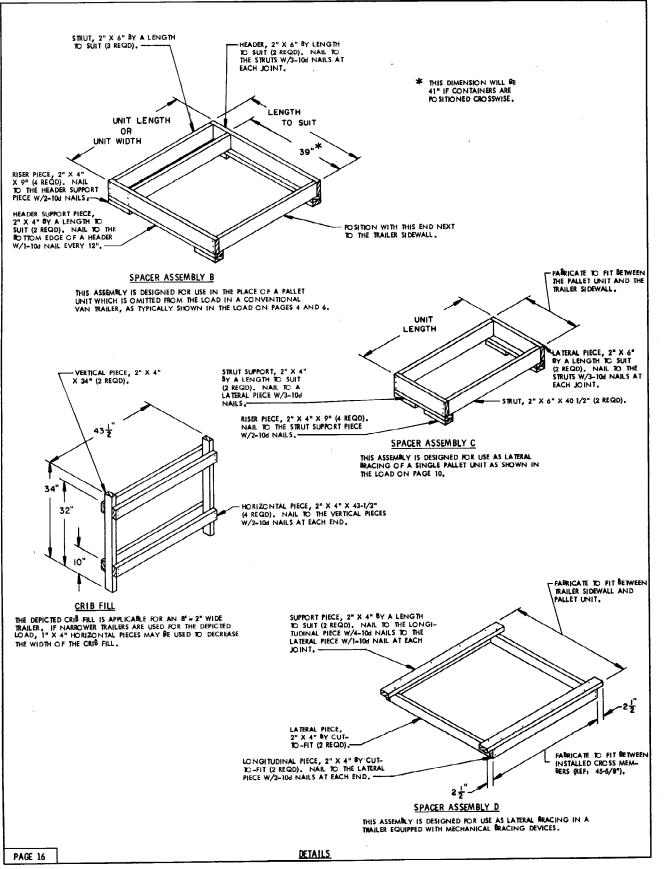
THIS ASSEMBLY IS DESIGNED FOR USE AT THE FRONT OF A TRAILER HAVING ROUNDED CORNERS, AND IS APPLICABLE FOR A CERNER RADIUS OF NOT MORE THAN 6-1/2". IF THE RADIUS IS FROM 6-1/2" TO 8", 2" X 6" VERTICAL PIECES WILL BE USED IN LIEU OF THE 2" X 4" PIECES. IF THE TRAILER TO BE LOADED HAS LARGE-ANGLED CORNERS AT THE FORWARD END, REFER TO PAGE 20 FOR GUIDANCE.

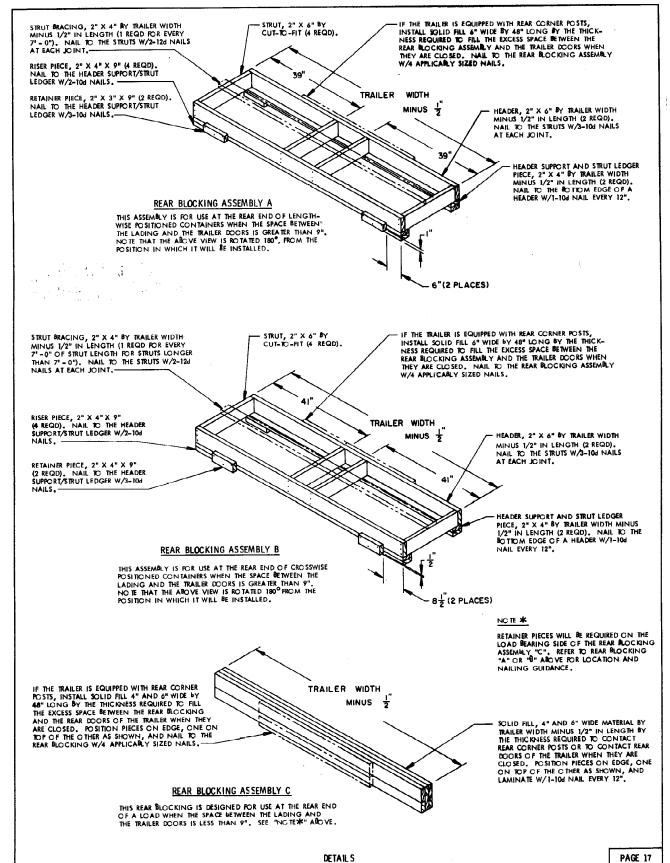
FORWARD	FORWARD BLOCKING CHART A		
	A	8	С
DIM	36"	14-1/2°	39"

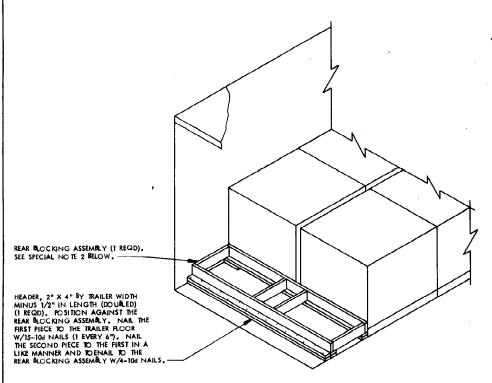
*RORWARD BLOCKING CHART "A" IS USED FOR LENGTHWISE POSITIONED CONTAINERS AS SHOWN IN THE LOAD ON PAGE 4. IF THE CONTAINERS ARE POSITIONED CROSSWISE AS SHOWN IN THE LOAD ON PAGE 6, USE RORWARD BLOCKING CHART "B" BELOW.



DETAILS







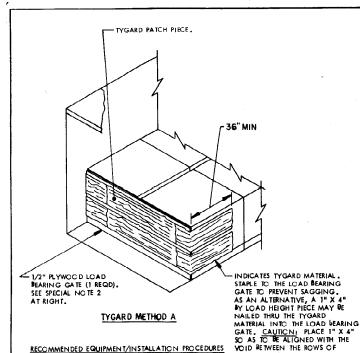
NAILED-HEADER METHOD

SPECIAL NO TES:

- THE NAILED-HEADER METHOD OF REAR BLOCKING DEPICTED ABOVE CAN ONLY BE USED IN TRAILERS HAVING A NAILABLE ROOR AREA BETWEEN THE LADING AND THE METAL THRESHOLD, OR A THRESHOLD PLATE IF THE TRAILER IS SO EQUIPPED, OF AT LEAST ROURITEEN INCHES (14").
- 2. REAR RUCKING ASSEMBLY "A" IS SHOWN FOR A TYPICAL INSTALLATION. CONSTRUCT THE ASSEMBLY USING 6" (MINIMUM) LONG STRUTS.
- 3. THE NAILED-HEADER METHOD OF REAR BLOCKING IS ADEQUATE FOR THE RETENTION OF THE MAXIMUM WEIGHT LOAD.
- 4. THE NAILED -HEADER METHOD, ALTHOUGH DESIGNED ESPECIALLY FOR TRAILERS HAVING ROLL-UP TYPE DOORS, MAY ALSO BE USED IN TRAILERS EQUIPPED WITH HINGED DOORS.

NATILED-HEADER METHOD

PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS



RECOMMENDED EQUIPMENT/INSTALLATION PROCEDURES

EQUIPMENT REQUIRED.

PAINT ROLLER, LATEX PAINT ROLLER PAN TENSIONING RCD/TOCL PRESSURE ROLLER RATCHET WRENCH (12" TO 15" HANDLE) OPEN END OR BOX WRENCH (12" TO 15" HANDLE) SCISSORS OR KNIFE
TYGARD (15" WIDE ROLL) TYGARD ADHESIVE

BASIC INSTALLATION GUIDANCE

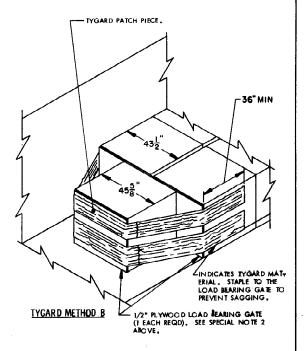
CUT TO LENGTH THE REQUIRED NUMBER OF TYGARD PIECES (FROM 2 TO 8 DEPENDING UPON THE LOAD CONFIGURATION) FOR ATTACHMENT TO THE TRAILER SIDEWALL. PIECES WILL BE OF A LENGTH AS REQUIRED TO PROVIDE PROPER BY OF THE TRAILER SIDEWALL AND TO EXTEND 60" ACROSS
THE REAR OF THE LOAD. ALSO, CUT 72" LONG "PATCH" PIECES OF TYGARD
MATERIAL, ONE FOR EACH SET OF TWO PIECES PREVIOUSLY CUT.

PALLET UNITS.

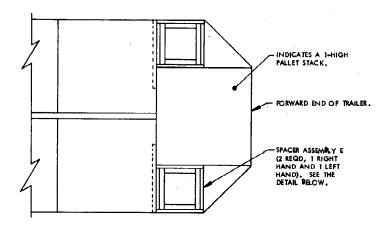
- PRIOR TO POSITIONING OF THE PALLETS IN THE REARMOST LOAD UNIT, APPLY TYGARD ADHESIVE TO THE PROPER PORTIONS OF THE TRAILER SIDEWALLS AND TO THE CORD SIDE OF A CORRESPONDING LENGTH OF EACH OF THE TYGARD PIECES THAT ARE TO BE ATTACHED TO THE SIDEWALLS OF THE TRAILER. ALLOW TIME FOR THE ADHESIVE TO "CURE" BEFORE PLACING A STRIP OF TYGARD ONTO A SIDEWALL (ADHESIVE WILL FEEL ALMOST DRY WHEN TOUCHED). NOTE: APPLICATION OF TYGARD IS SIMILAR TO THE APPLICATION OF "FORMICA".
- APPLY THE TYGARD PIECES TO EACH SIDEWALL OF THE TRAILER SO THAT THE APTLY THE TYGAND FIGURES AN EARCH STUDENTS TO THE FLOOR, ROLL THE TYGAND WITH THE PRESSURE ROLLER TO ENSURE PROPER BONDING IS ACHIEVED. TEMPO ARILY SECURE THE LOOSE ENDS TO THE TRAILER SIDEWALL OF TO AN OPEN TEMPOR-HINGED TYPE DOOR OR TO THE CUTSIDE WALL, AS APPLICABLE
- POSITION THE PALLETS OF THE REARMOST LOAD UNIT INTO THE TRAILER AND INSTALL THE SPECIFIED CRIB FILL, IF APPLICABLE.
- UNDO THE PREVIOUSLY SECURED LOOSE ENDS AND IRING A SET OF TWO PIECES TO GETHER ACROSS THE REAR OF THE LOAD. POSITION THE TENSIONING ROD SO THAT THE LOOSE ENDS OF THE TYGARD MATERIAL EXTEND THRU THE SLOT IN ROD. USING THE TWO WRENCHES, ROLL UP THE TYCARD TO TENSION IT ACROSS REAR OF THE LOAD. POSITION A WRENCH SO AS TO MAINTAIN THE TENSION IN THE TYCARD PIECES. CUT OFF AND DISCARD EXCESS MATERIAL FROM ONE PIECE OF THE TYGARD.
- APPLY TYGARD ADHESIVE TO THE TENSIONED TYGARD PIECES AND ALSO TO THE CORD SIDE OF THE PREVIOUSLY CUT "PATCH" PIECE. APPLY THE "PATCH" AND ROLL WITH THE PRESSURE ROLLER TO ENSURE PROPER BONDING.

SPECIAL NO TES:

- THE TYGARD METHOD OR REAR PLOCKING DEPICTED, CAN ONLY BE USED IN TRAILERS WHICH HAVE REASONABLY SMOOTH AND ADEQUATELY SECURED SIDEWALL PANELS IN THE AREA WHERE THE TYGARD MATERIAL IS TO BE APPLIED. NOTE THAT TYGARD MATERIAL MUST BE INSTALLED AT TWO LEVELS ON THE REAR LOAD UNIT.
- A 41" HIGH PLYWOOD GATE MUST BE INSTALLED AT THE REAR OF THE LOAD TO PROVIDE A SMOOTH SURFACE FOR THE TYGARD MATERIAL TO LOAD TO PROVICE A SMOOTH SURFACE FOR THE TYGARD MAIRBRIA. KO
 EXTEND ARCUND. IF THE REAR LOAD UNIT IS 2-WIDE, INSTALL A GATE
 WHICH IS TRAILER WIDTH MINUS 1/2" IN LENGTH AS SHOWN BY THE
 "TYGARD METHOD A" DETAIL AT LEFT. IF THE REAR LOAD UNIT IS
 1-WIDE, ROTATE THE PALLET, INSTALL ONE (I) PALLET WIDTH GATE, AND
 ONE (I) TRAILER WIDTH MINUS 1/2" IN LENGTH GATE, AS SHOWN BY THE "TYGARD METHOD " DETAIL BELOW.
- THE TYGARD MATERIAL AND THE ADHESIVE FOR ATTACHING IT ARE COMMERCIAL PRODUCTS. FOR A SOURCE OF SUPPLY, CONTACT WILLIAM INDUSTRIES, INC., 1344 ADAMS ROAD, P.O. POX "E", BNISALTM, PA 10920-0800, PHONE 1-800-323-4536. APPLICATION INSTRUCTIONS AND GUIDANCE CAN ALSO BE OBTAINED FROM THAT
- THE TYGARD METHOD, ALTHOUGH ESPECIALLY FOR TRAILERS HAVING ROLL-UP TYPE DOORS, MAY ALSO BE USED IN TRAILERS EQUIPPED WITH
- NOTICE: IF THE AREA OF A SIDEWALL WHERE THE TYGARD SHOULD BE ATTACHED IS ROUGH AND/OR BROKEN, THE APPLICABLE PIECE (S). OF TYGARD CAN BE LENGTHENED A SUITABLE AMOUNT AND ATTACHED THE SIDEWALL AHEAD OF THE INDICATED PREFERRED LOCATION.

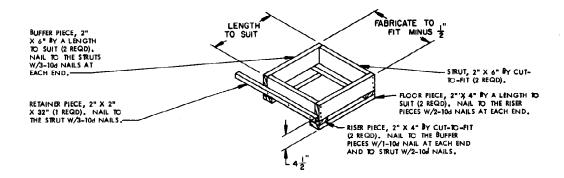


TYGARD METHOD PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH ROLL-UP TYPE DOORS



ALTERNATIVE FORWARD LOADING PATTERN

THIS PROCEDURE IS APPLICABLE TO THE LOADING OF CNE (1) PALLET UNIT IN THE FORWARD END OF A CONVENTIONAL VAN TRAILER HAVING LARGE ANGLED FRONT CORNERS (REF. 18"). THE PROCEDURES MAY ALSO BE USED IN TAILERS HAVING SQUARE CORNERS, OR ROUNDED FRONT CORNERS, OR ANGLED CORNERS OF ANOTHER SIZE.



SPACER ASSEMBLY E

THIS ASSEMBLY IS DESIGNED FOR LATERAL BRACING OF A SINGLE PALLET UNIT WHICH IS TURNED 90° FROM THE NORMAL LOADING ORIENTATION AND ROSITICNED IN THE FRONT OF AN ANGLED-CORNER CONVENTIONAL VAN TRAILER AS SHOWN IN THE "ALTERNATIVE LOADING PATTERN" VIEW ABOVE, RIGHT HAND AND LEFT HAND SPACER ASSEMBLIES ARE REQUIRED,

PROCEDURES FOR CONVENTIONAL VAN TRAILERS EQUIPPED WITH LARGE ANGLED CORNERS