

ISOMETRIC VIEW

KEY NUMBERS

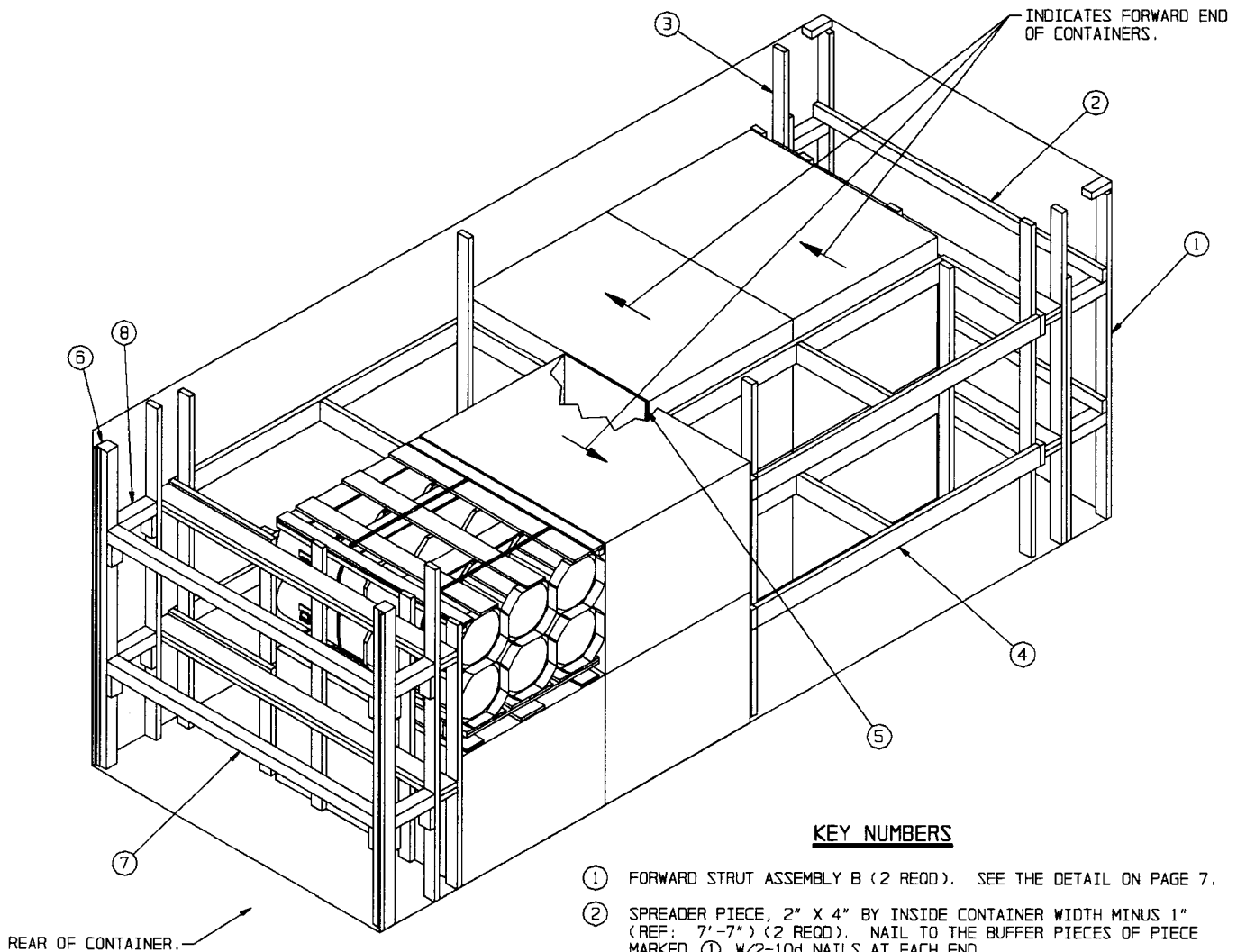
- ① FORWARD STRUT ASSEMBLY A (2 REQD). SEE THE DETAIL ON PAGE 6.
- ② SPREADER PIECE, 2" X 4" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-7") (2 REQD). NAIL TO THE BUFFER PIECES OF PIECE MARKED ① W/2-10d NAILS AT EACH END.
- ③ FORWARD/REAR BLOCKING ASSEMBLY A (2 REQD). SEE THE DETAIL ON PAGE 6. NAIL THROUGH THE BUFFER PIECES INTO THE VERTICAL PIECES OF PIECE MARKED ① W/5-10d NAILS. NOTE: STRUT LEDGERS ARE ONLY REQUIRED ON THE REAR BLOCKING ASSEMBLY. DO NOT INSTALL STRUT LEDGERS ON THE FORWARD BLOCKING ASSEMBLY.
- ④ DOOR POST VERTICAL A (2 REQD). SEE THE DETAIL ON PAGE 6, AND "DETAIL A" AND "DETAIL B" ON PAGE 11.
- ⑤ DOOR SPANNER, 4" X 4" MATERIAL, CUT TO A LENGTH THAT WILL PROVIDE FOR A DRIVE FIT (REF: 7'-1-3/8") (2 REQD). TOENAIL TO THE DOOR POST VERTICALS W/2-12d NAILS AT EACH END. SEE THE "BEVEL-CUT" DETAIL ON PAGE 8.
- ⑥ STRUT, 4" X 4" BY CUT-TO-FIT (REF: 17-1/2") (4 REQD). TOENAIL TO THE BUFFER PIECE OF THE REAR BLOCKING ASSEMBLY AND THE DOOR POST VERTICAL W/2-12d NAILS AT EACH END. SEE THE "BEVEL-CUT" DETAIL ON PAGE 8.

BILL OF MATERIAL

| LUMBER | LINEAR FEET | BOARD FEET |
|---------------|------------------|------------|
| 2" X 4" | 139 | 93 |
| 4" X 4" | 41 | 55 |
| NAILS | NO. REQD | POUNDS |
| 6d (2") | 176 | 1-1/4 |
| 10d (3") | 74 | 1-1/4 |
| 12d (3-1/4") | 40 | 3/4 |
| PLYWOOD, 1/2" | 48.03 SQ FT REQD | 66.04 LBS |

LOAD AS SHOWN

| ITEM | QUANTITY | WEIGHT (APPROX) |
|---------------------|----------|----------------------------|
| PALLET UNIT | 12 | 6,588 LBS |
| DUNNAGE | | 366 LBS |
| CONTAINER | | 4,700 LBS |
| TOTAL WEIGHT | | 11,654 LBS (APPROX) |



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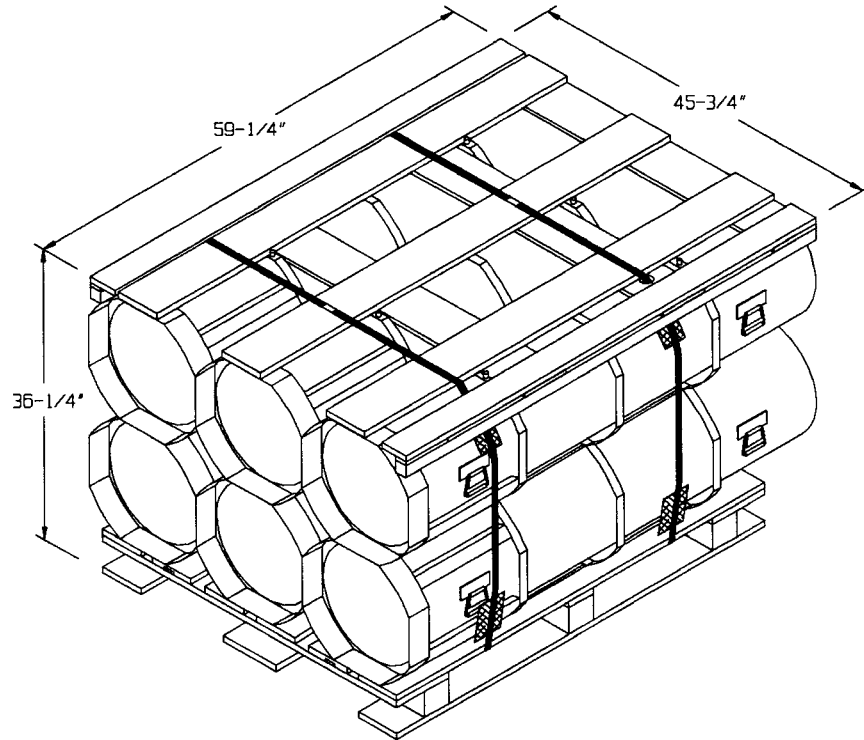
- ① FORWARD STRUT ASSEMBLY B (2 REQD). SEE THE DETAIL ON PAGE 7.
- ② SPREADER PIECE, 2" X 4" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-7") (2 REQD). NAIL TO THE BUFFER PIECES OF PIECE MARKED ① W/2-10d NAILS AT EACH END.
- ③ FORWARD/REAR BLOCKING ASSEMBLY B (2 REQD). SEE THE DETAIL ON PAGE 7. NAIL THROUGH THE BUFFER PIECES INTO THE VERTICAL PIECES OF PIECE MARKED ① W/5-10d NAILS. NOTE: STRUT LEDGERS ARE ONLY REQUIRED ON THE REAR BLOCKING ASSEMBLY. DO NOT INSTALL STRUT LEDGERS ON THE FORWARD BLOCKING ASSEMBLY.
- ④ CRIB FILL ASSEMBLY (2 REQD). SEE THE DETAIL ON PAGE 8.
- ⑤ SEPARATOR GATE (1 REQD). SEE THE DETAIL ON PAGE 9.
- ⑥ DOOR POST VERTICAL B (2 REQD). SEE THE DETAIL ON PAGE 7, AND "DETAIL A" AND "DETAIL B" ON PAGE 11.
- ⑦ DOOR SPANNER, 4" X 4" MATERIAL, CUT TO A LENGTH THAT WILL PROVIDE FOR A DRIVE FIT (REF: 7'-1-3/8") (2 REQD). TOENAIL TO THE DOOR POST VERTICALS W/2-12d NAILS AT EACH END. SEE THE "BEVEL-CUT" DETAIL ON PAGE 8.
- ⑧ STRUT, 4" X 4" BY CUT-TO-FIT (REF: 12-1/2") (4 REQD). TOENAIL TO THE BUFFER PIECE OF THE REAR BLOCKING ASSEMBLY AND THE DOOR POST VERTICAL W/2-12d NAILS AT EACH END. SEE THE "BEVEL-CUT" DETAIL ON PAGE 8.

BILL OF MATERIAL

| LUMBER | LINEAR FEET | BOARD FEET |
|--|-------------|------------|
| 2" X 4" | 170 | 113 |
| 2" X 6" | 155 | 155 |
| 4" X 4" | 37 | 50 |
| NAILS | NO. REQD | POUNDS |
| 10d (3") | 261 | 4-1/4 |
| 12d (3-1/4") | 40 | 3/4 |
| PLYWOOD, 1/2" - - - 13.00 SQ FT REQD - - - 17.88 LBS | | |

LOAD AS SHOWN

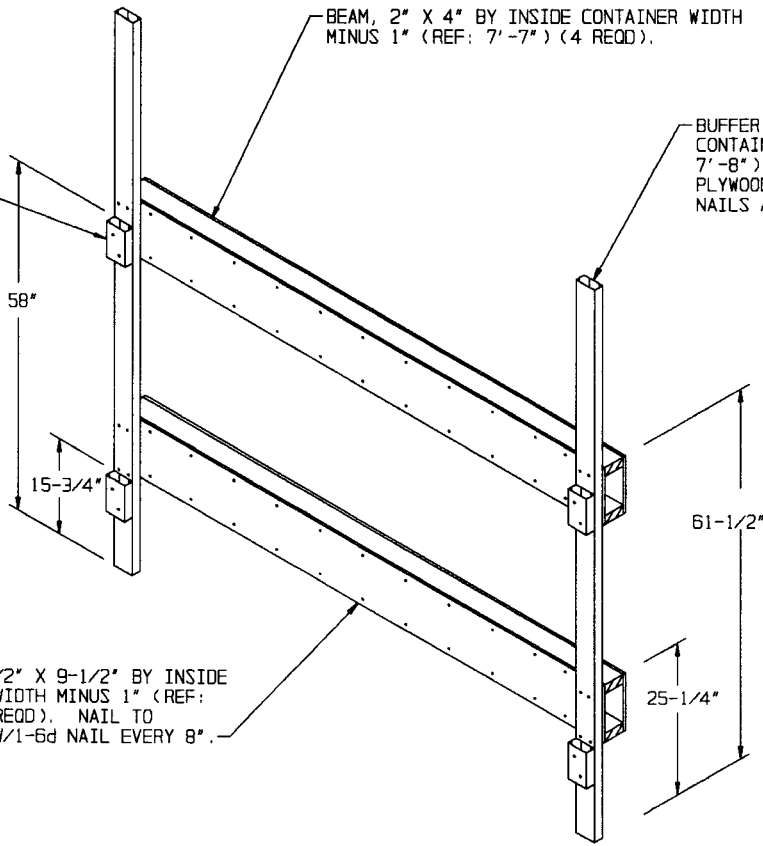
| ITEM | QUANTITY | WEIGHT (APPROX) |
|---------------------|----------|---------------------------|
| PALLET UNIT | 8 | 4,392 LBS |
| DUNNAGE | | 659 LBS |
| CONTAINER | | 4,700 LBS |
| TOTAL WEIGHT | | 9,751 LBS (APPROX) |



PALLET UNIT DETAIL

GROSS WEIGHT - - - - - 549 LBS (APPROX)
CUBE - - - - - 56.9 CUBIC FEET (APPROX)

STRUT LEDGER, 2" X 4" X 6" (4 REQD). NAIL TO THE BUFFER PIECES W/2-10d NAILS EACH. NOTE: STRUT LEDGERS ARE ONLY REQUIRED ON THE REAR BLOCKING ASSEMBLY. DO NOT INSTALL ON THE FORWARD BLOCKING ASSEMBLY.



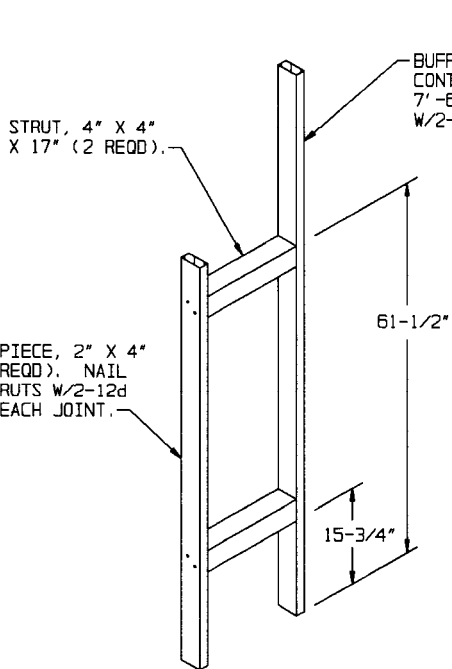
BEAM, 2" X 4" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-7") (4 REQD).

BUFFER PIECE, 2" X 4" BY INSIDE CONTAINER HEIGHT MINUS 1" (REF: 7'-8") (2 REQD). NAIL THRU PLYWOOD INTO THE BEAMS W/2-10d NAILS AT EACH JOINT.

PLYWOOD, 1/2" X 9-1/2" BY INSIDE CONTAINER WIDTH MINUS 1" (REF: 7'-7") (4 REQD). NAIL TO THE BEAMS W/1-6d NAIL EVERY 8".

FORWARD/REAR BLOCKING ASSEMBLY A

NOTE: FOR A ONE HIGH LOAD, ELIMINATE THE TOP BOX BEAM ASSEMBLY, AND REPLACE THE UPPER STRUT LEDGERS WITH 2-1/2" LONG STRUT LEDGERS, INSTALLED DIRECTLY ABOVE THE LOWER STRUT, AFTER IT IS IN PLACE.



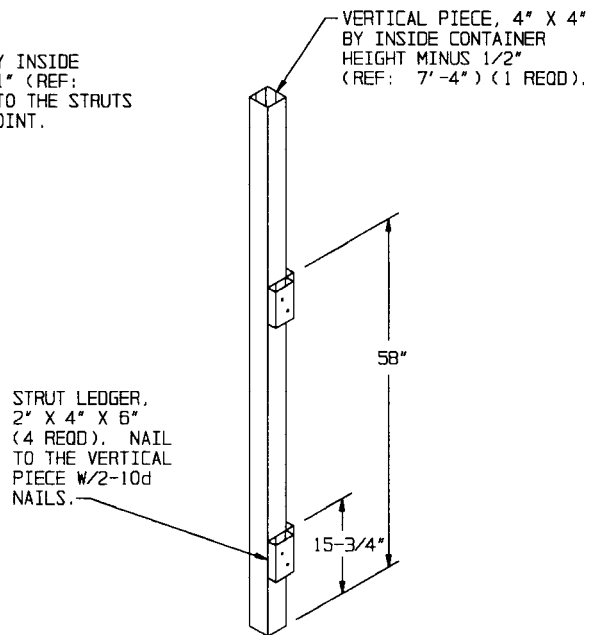
STRUT, 4" X 4" X 17" (2 REQD).

BUFFER PIECE, 2" X 4" BY INSIDE CONTAINER HEIGHT MINUS 1" (REF: 7'-6") (1 REQD). NAIL TO THE STRUTS W/2-12d NAILS AT EACH JOINT.

VERTICAL PIECE, 2" X 4" X 67" (1 REQD). NAIL TO THE STRUTS W/2-12d NAILS AT EACH JOINT.

FORWARD STRUT ASSEMBLY A

NOTE: FOR A ONE HIGH LOAD, RELOCATE THE TOP STRUT AT 25-1/4". SHORTEN THE VERTICAL PIECE APPROPRIATELY.



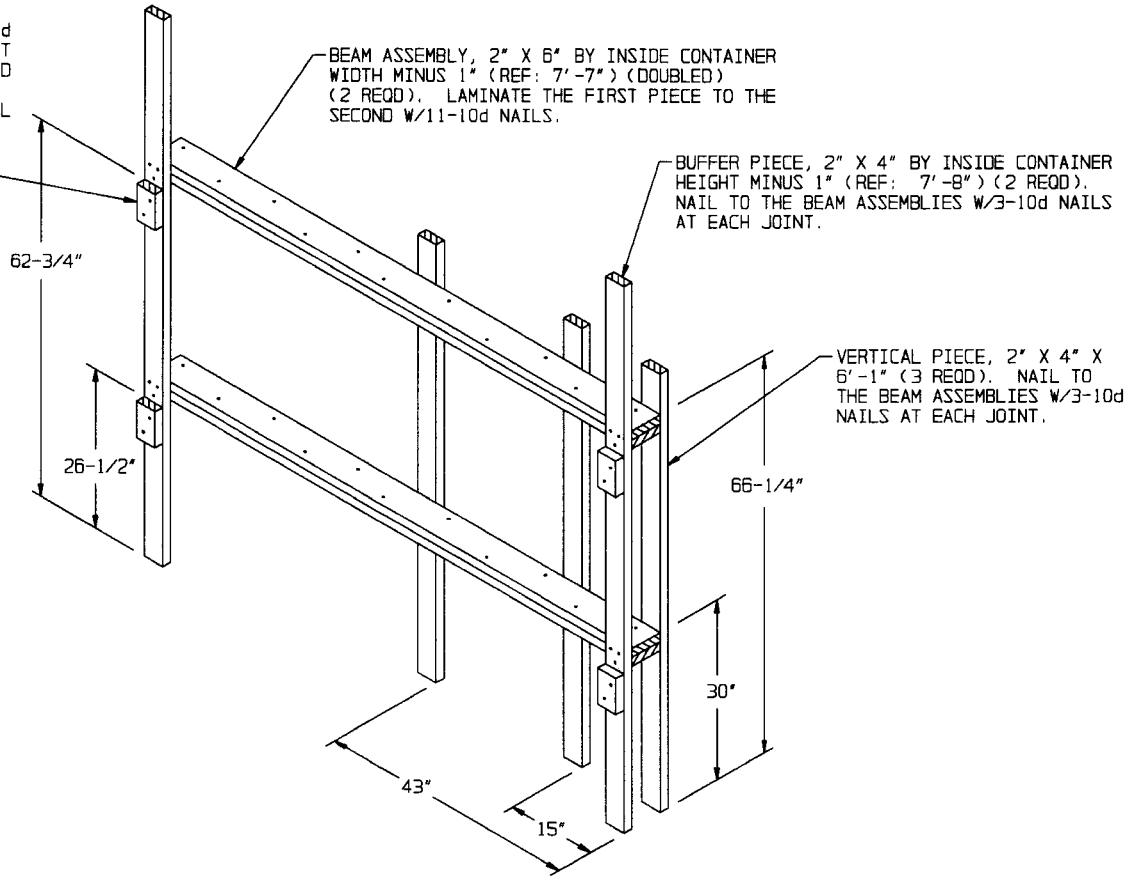
VERTICAL PIECE, 4" X 4" BY INSIDE CONTAINER HEIGHT MINUS 1/2" (REF: 7'-4") (1 REQD).

STRUT LEDGER, 2" X 4" X 6" (4 REQD). NAIL TO THE VERTICAL PIECE W/2-10d NAILS.

DOOR POST VERTICAL A

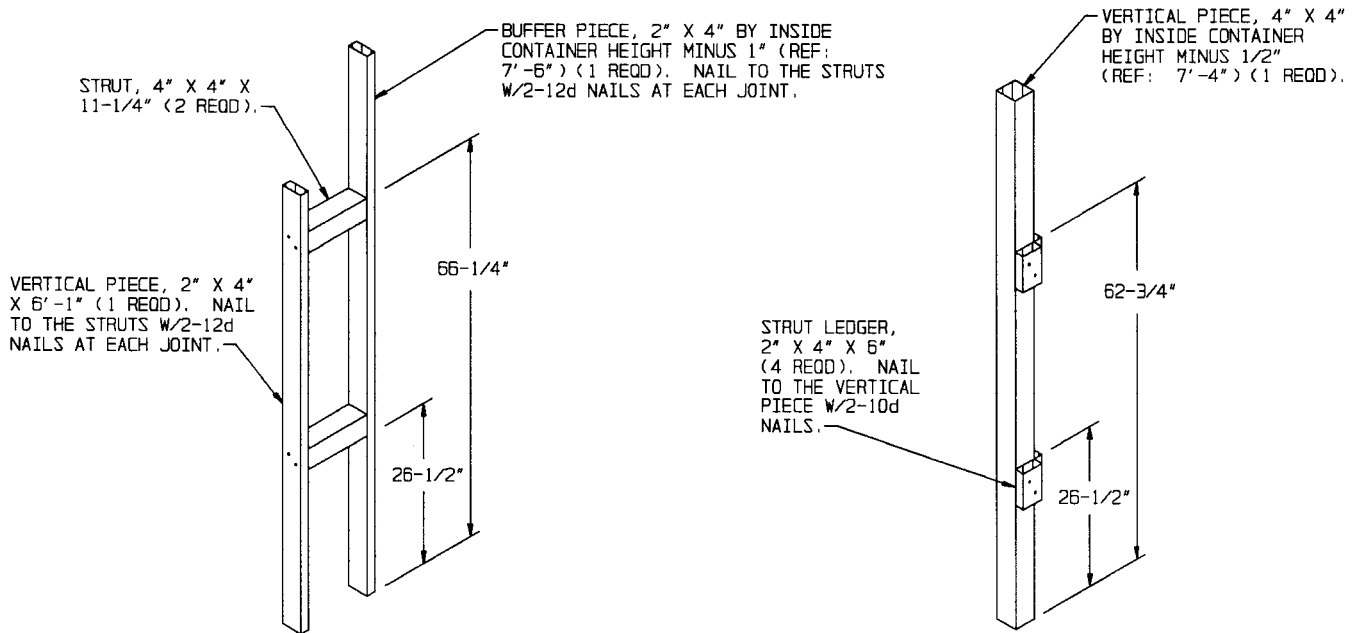
NOTE: A MINIMUM OF FOUR STRUTS AND TWO DOOR SPANNER PIECES ARE REQUIRED FOR ALL REDUCED LOADS. FOR A ONE HIGH LOAD, REPLACE THE UPPER TWO STRUT LEDGERS WITH 2-1/2" LONG STRUT LEDGERS, INSTALLED DIRECTLY ABOVE THE LOWER STRUT OR DOOR SPANNER, AFTER IT IS IN PLACE.

STRUT LEDGER, 2" X 4" X 6" (4 REQD). NAIL TO THE BUFFER PIECES W/2-10d NAILS EACH. NOTE: STRUT LEDGERS ARE ONLY REQUIRED ON THE REAR BLOCKING ASSEMBLY. DO NOT INSTALL ON THE FORWARD BLOCKING ASSEMBLY.



FORWARD/REAR BLOCKING ASSEMBLY B

NOTE: FOR A ONE HIGH LOAD, REPOSITION THE TOP BEAM ASSEMBLY AT 10" AND TOP TWO STRUT LEDGERS (AS APPROPRIATE) AT 6". SHORTEN THE VERTICAL PIECES APPROPRIATELY.

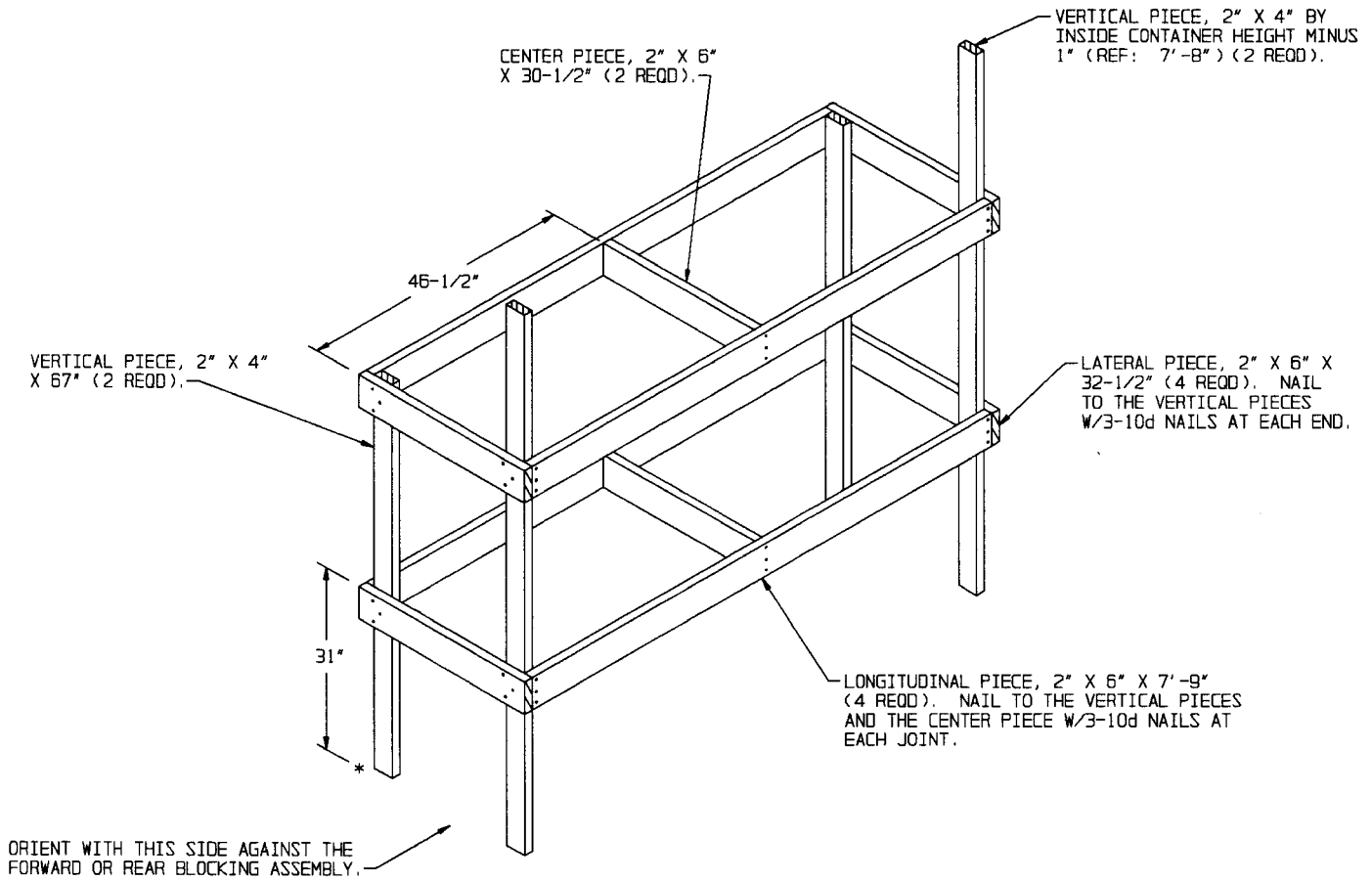


FORWARD STRUT ASSEMBLY B

NOTE: FOR A ONE HIGH LOAD, RELOCATE THE TOP STRUT AT 9-1/2". SHORTEN THE VERTICAL PIECE APPROPRIATELY.

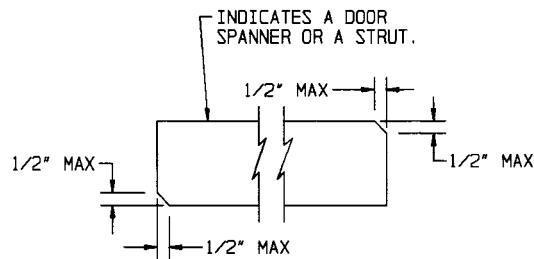
DOOR POST VERTICAL B

NOTE: A MINIMUM OF FOUR STRUTS AND TWO DOOR SPANNER PIECES ARE REQUIRED FOR ALL REDUCED LOADS. FOR A ONE HIGH LOAD, REPOSITION THE TOP TWO STRUT LEDGERS AT 6".



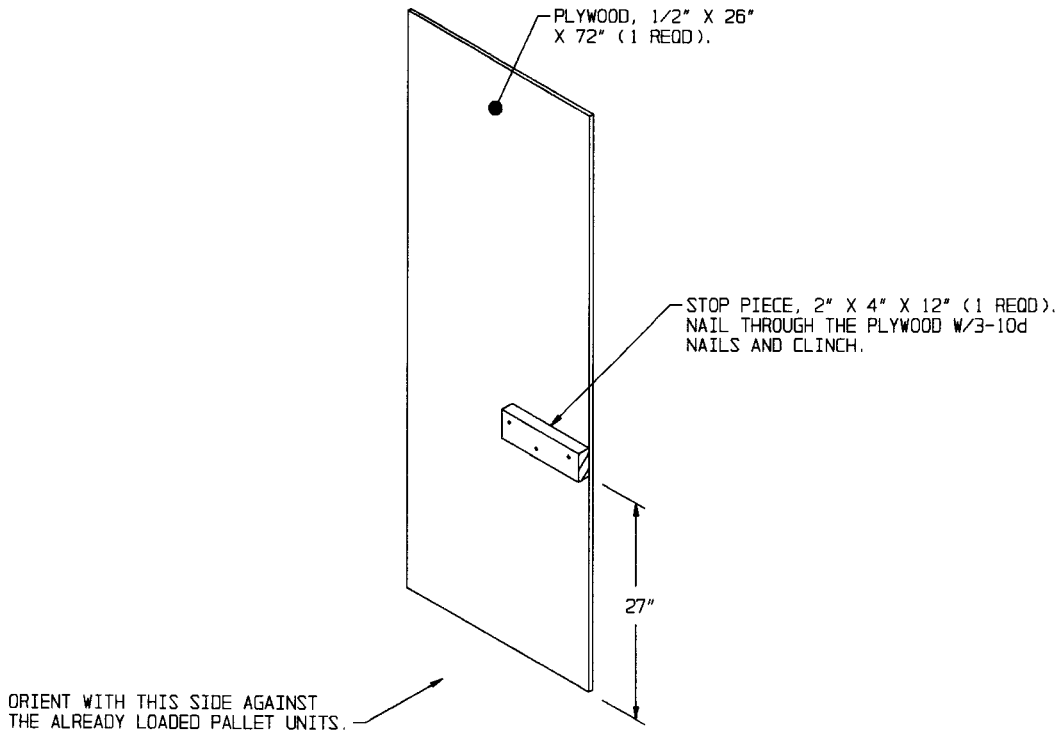
CRIB FILL ASSEMBLY

NOTE: FOR A ONE HIGH LOAD, REPOSITION THE TOP TWO LONGITUDINAL PIECES, THE TOP TWO LATERAL PIECES, AND THE TOP CENTER PIECE AT 22". SHORTEN THE 67" VERTICAL PIECES APPROPRIATELY. THE LENGTH OF THE LATERAL PIECES IS DEPENDENT ON THE VOID BETWEEN THE PALLET UNIT AND THE CONTAINER SIDEWALL. THE LENGTH OF THE LONGITUDINAL PIECES MUST BE FIELD CHECKED TO ENSURE A TIGHT LONGITUDINAL FIT.



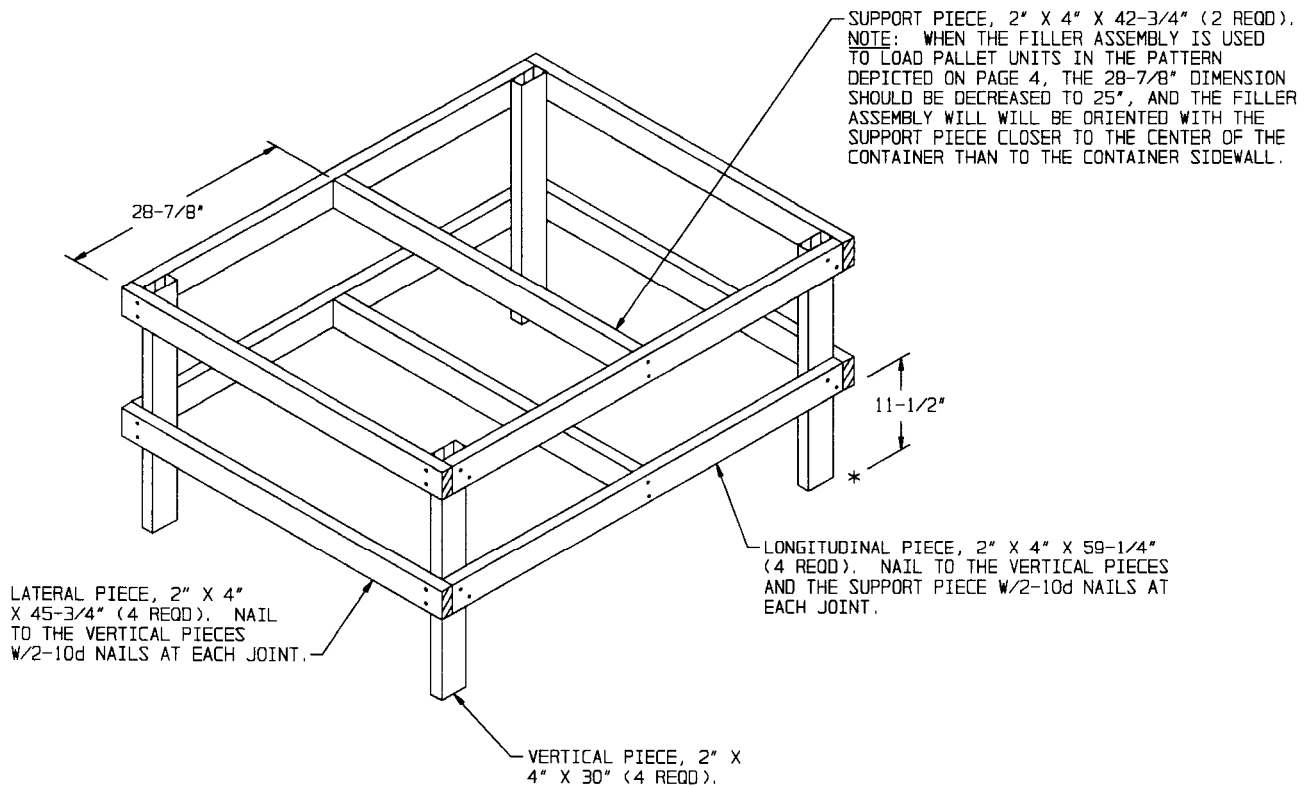
BEVEL-CUT

IF DESIRED, EACH END OF A DOOR SPANNER PIECE OR A STRUT MAY BE BEVEL-CUT AS SHOWN ABOVE TO FACILITATE THE ACHIEVEMENT OF A TIGHT DOOR-POST-TO-DOOR-POST OR REAR-BLOCKING-ASSEMBLY-TO-DOOR-POST FIT.



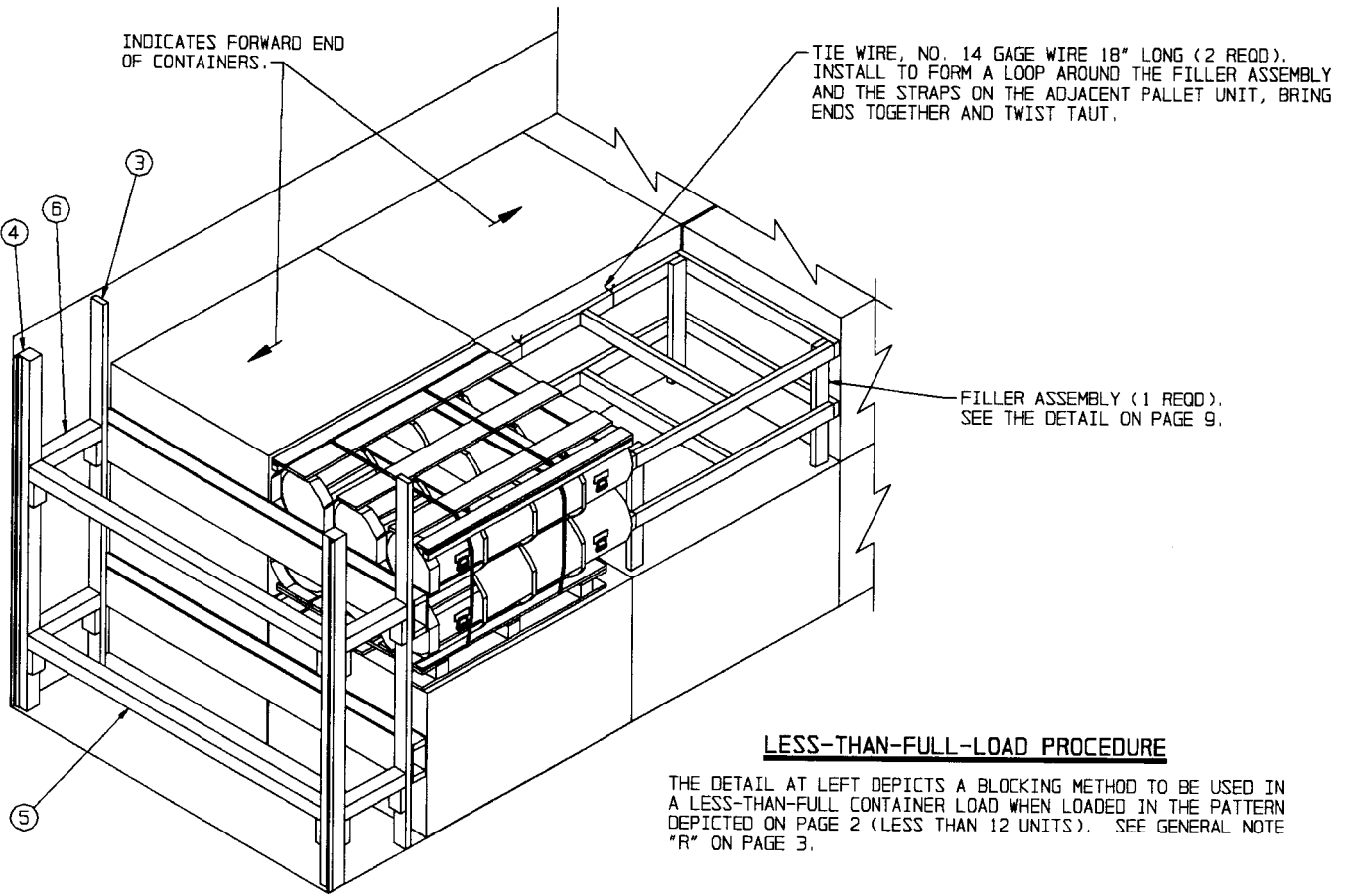
SEPARATOR GATE

NOTE: FOR A ONE HIGH LOAD, SHORTEN THE PLYWOOD TO 36".



FILLER ASSEMBLY

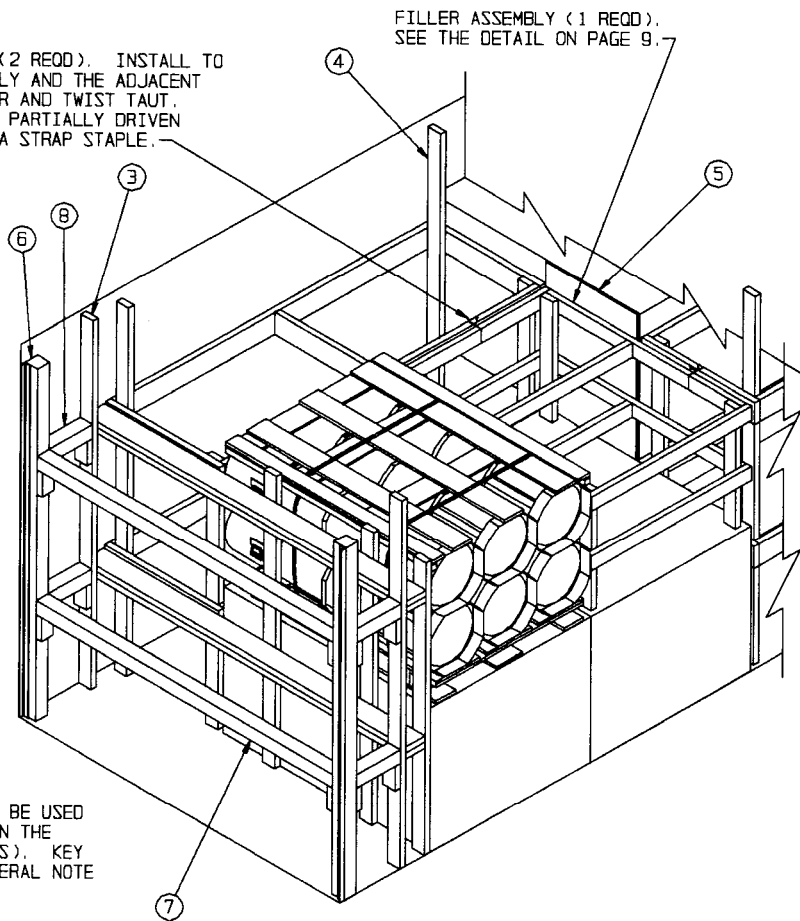
THE ASSEMBLY DEPICTED ABOVE IS FOR USE IN PLACE OF AN OMITTED PALLET UNIT. FILLER ASSEMBLIES MUST BE WIRE TIED TO AN ADJACENT PALLET UNIT OR DUNNAGE ASSEMBLY TO PREVENT UNDUE MOVEMENT. NO MORE THAN THREE FILLER ASSEMBLIES MAY BE USED IN THE LOAD DEPICTED ON PAGE 2, AND NO MORE THAN ONE FILLER ASSEMBLY MAY BE USED IN THE LOAD DEPICTED ON PAGE 4.



LESS-THAN-FULL-LOAD PROCEDURE

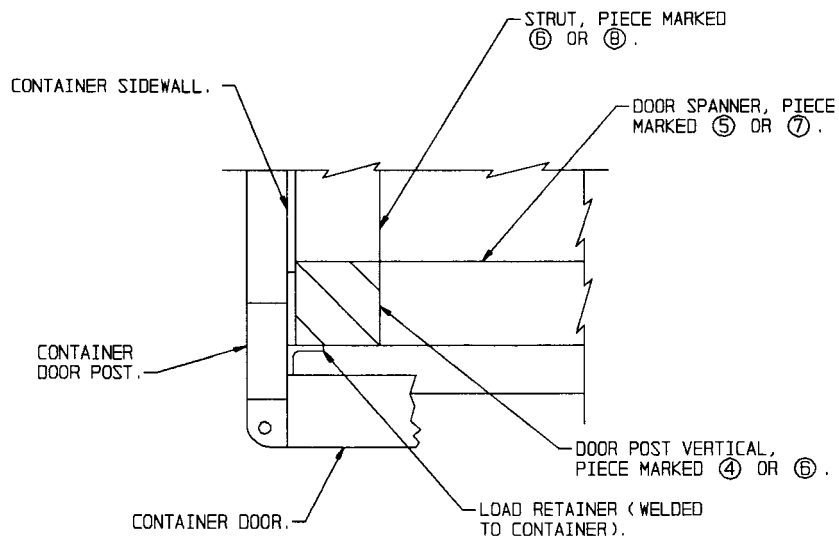
THE DETAIL AT LEFT DEPICTS A BLOCKING METHOD TO BE USED IN A LESS-THAN-FULL CONTAINER LOAD WHEN LOADED IN THE PATTERN DEPICTED ON PAGE 2 (LESS THAN 12 UNITS). SEE GENERAL NOTE "R" ON PAGE 3.

TIE WIRE, NO. 14 GAGE WIRE 18" LONG (2 REQD). INSTALL TO FORM A LOOP AROUND THE FILLER ASSEMBLY AND THE ADJACENT DUNNAGE ASSEMBLY, BRING ENDS TOGETHER AND TWIST TAUT. SECURE TO THE FILLER ASSEMBLY WITH A PARTIALLY DRIVEN 10d NAIL BENT OVER THE WIRE OR WITH A STRAP STAPLE.



LESS-THAN-FULL-LOAD PROCEDURE

THE DETAIL AT RIGHT DEPICTS A BLOCKING METHOD TO BE USED IN A LESS-THAN-FULL CONTAINER LOAD WHEN LOADED IN THE PATTERN DEPICTED ON PAGE 4 (LESS THAN EIGHT UNITS). KEY NUMBERS REFER TO KEY NUMBERS ON PAGE 4. SEE GENERAL NOTE "R" ON PAGE 3.

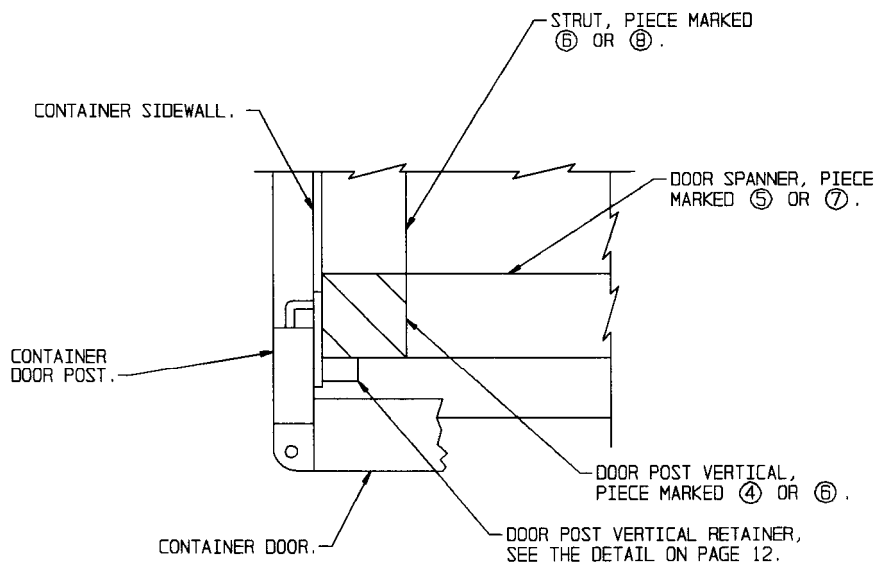


DETAIL A

A PARTIAL PLAN VIEW OF THE LEFT REAR PORTION OF THE CONTAINER IS SHOWN DEPICTING THE PROPER POSITION OF THE DOOR POST VERTICAL AND ADJACENT DUNNAGE PIECES.

SPECIAL NOTE:

WHEN ISO CONTAINERS ARE NOT EQUIPPED WITH PRE-WELDED LOAD RETAINERS, AS DEPICTED IN "DETAIL A" ABOVE, DOOR POST VERTICAL RETAINERS WILL BE REQUIRED FOR THE LOADS DEPICTED ON PAGES 2 AND 4. SEE VARIOUS LOADS WITHIN AMC DRAWING 19-48-4153-15PA1002 FOR EXAMPLES. SEE PAGE 12 FOR DETAILS OF THE METAL DOOR POST VERTICAL RETAINER.

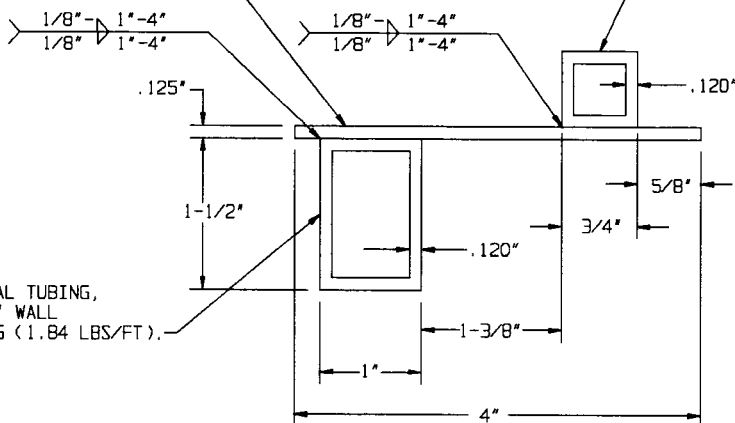


DETAIL B

A PARTIAL PLAN VIEW OF THE LEFT REAR PORTION OF THE CONTAINER IS SHOWN DEPICTING THE PROPER POSITION OF THE DOOR POST VERTICAL RETAINER AND ADJACENT DUNNAGE PIECES.

STEEL STRIP, 1/8" THICK BY 4" WIDE
BY 83" LONG (1.70 LBS/FT).

SQUARE STRUCTURAL TUBING, 3/4" SQUARE
BY .120" WALL THICKNESS BY 83" LONG
(1.03 LBS/FT).



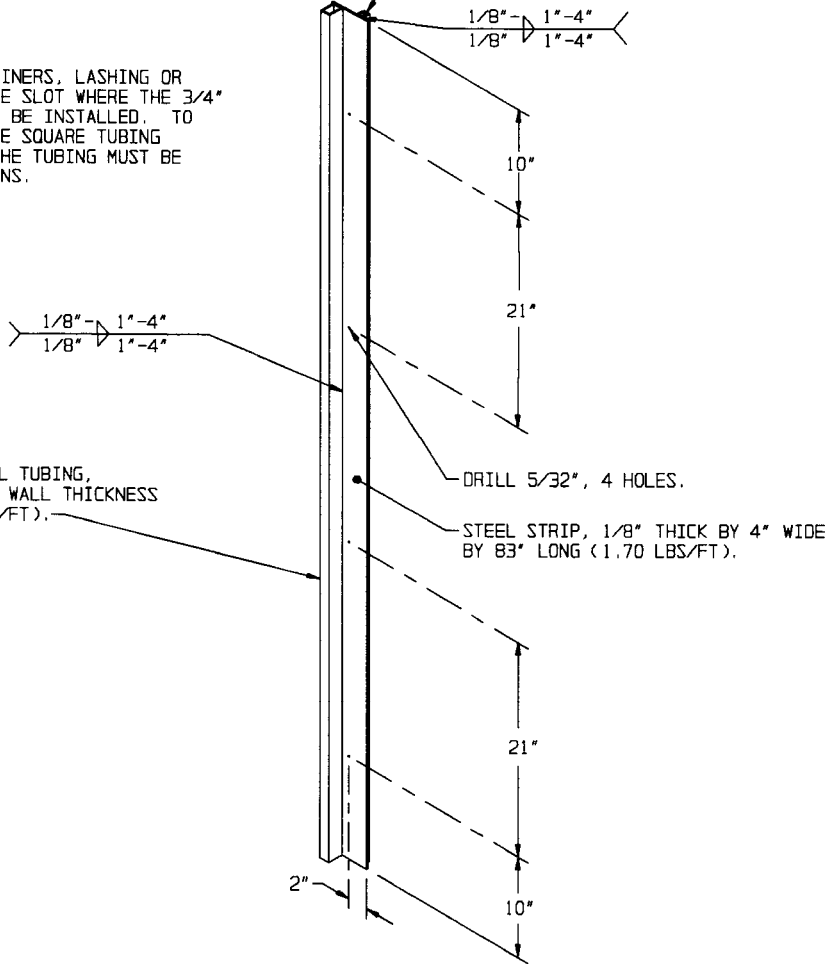
VIEW A

RECTANGULAR STRUCTURAL TUBING,
1-1/2" BY 1" BY .120" WALL
THICKNESS BY 83" LONG (1.84 LBS/FT).

SQUARE STRUCTURAL TUBING,
3/4" SQUARE BY .120" WALL
THICKNESS BY 83" LONG
(1.03 LBS/FT).

SPECIAL NOTE:

IN MOST CORRUGATED STEEL CONTAINERS, LASHING OR TIE BARS WILL BE PRESENT IN THE SLOT WHERE THE 3/4" SQUARE STRUCTURAL TUBING IS TO BE INSTALLED. TO ENSURE PROPER ENGAGEMENT OF THE SQUARE TUBING AND THE CONTAINER DOOR POST, THE TUBING MUST BE NOTCHED AT THE TIE BAR LOCATIONS.



DOOR POST VERTICAL RETAINER

NOTE: THE ABOVE ASSEMBLY HAS BEEN SHOWN ROTATED 90° FROM THE ORIENTATION IN WHICH IT IS INSTALLED IN THE LEFT REAR CORNER OF THE CONTAINER. THE ASSEMBLY HAS BEEN ROTATED FOR HOLE LOCATION CLARITY.