

VOLCANO

UNITIZATION PROCEDURES FOR
VOLCANO MINE SYSTEM HARDWARE,
TWO MINE DISPENSER SUPPORT
PANEL ASSEMBLIES AND ONE
GROUND SYSTEM ACCESSORIES
SET PACKED IN FIBERGLASS
REINFORCED PLASTIC CONTAINERS

U.S. ARMY MATERIEL COMMAND DRAWING					
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U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	SEPTEMBER 1988				
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SEE THE REVISION LISTING ON PAGE 2					

DO NOT SCALE

TYPICAL LOCATION FOR SECUREMENT OF A STRAP CUTTER. SEE GENERAL NOTE "J" ON PAGE 2.

UNITIZATION STRAP, 3/4" X .035" OR .031" X 16'-9" LONG STEEL STRAPPING (4 REOD). SEE GENERAL NOTE "K" ON PAGE 2. STAPLE STRAP TO SIDE BLOCKING ASSEMBLIES AS SHOWN.

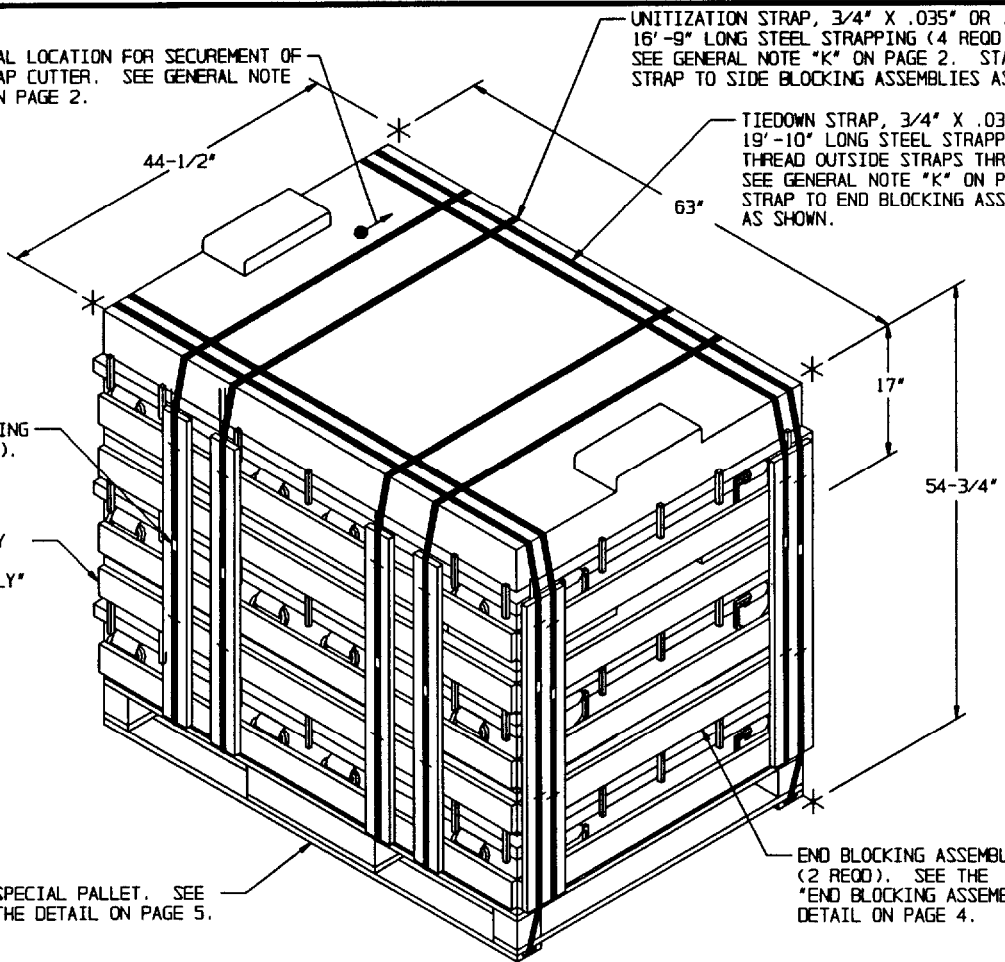
TIEDOWN STRAP, 3/4" X .035" OR .031" X 19'-10" LONG STEEL STRAPPING (4 REOD). THREAD OUTSIDE STRAPS THRU STRAP SLOTS. SEE GENERAL NOTE "K" ON PAGE 2. STAPLE STRAP TO END BLOCKING ASSEMBLIES AS SHOWN.

SEAL FOR 3/4" STRAPPING (8 REOD, 1 PER STRAP).

SIDE BLOCKING ASSEMBLY (2 REOD). SEE THE "SIDE BLOCKING ASSEMBLY" DETAIL ON PAGE 4.

SPECIAL PALLET. SEE THE DETAIL ON PAGE 5.

END BLOCKING ASSEMBLY (2 REOD). SEE THE "END BLOCKING ASSEMBLY" DETAIL ON PAGE 4.



UNIT LOAD

- 1 CONTAINER OF ACCESSORIES - - - - - 562 LBS (APPROX)
- 1 CONTAINER WITH LEFT SIDE TRIPOD - - - - - 437 LBS (APPROX)
- 1 CONTAINER WITH RIGHT SIDE TRIPOD - - - - - 437 LBS (APPROX)
- DUNNAGE - - - - - 157 LBS

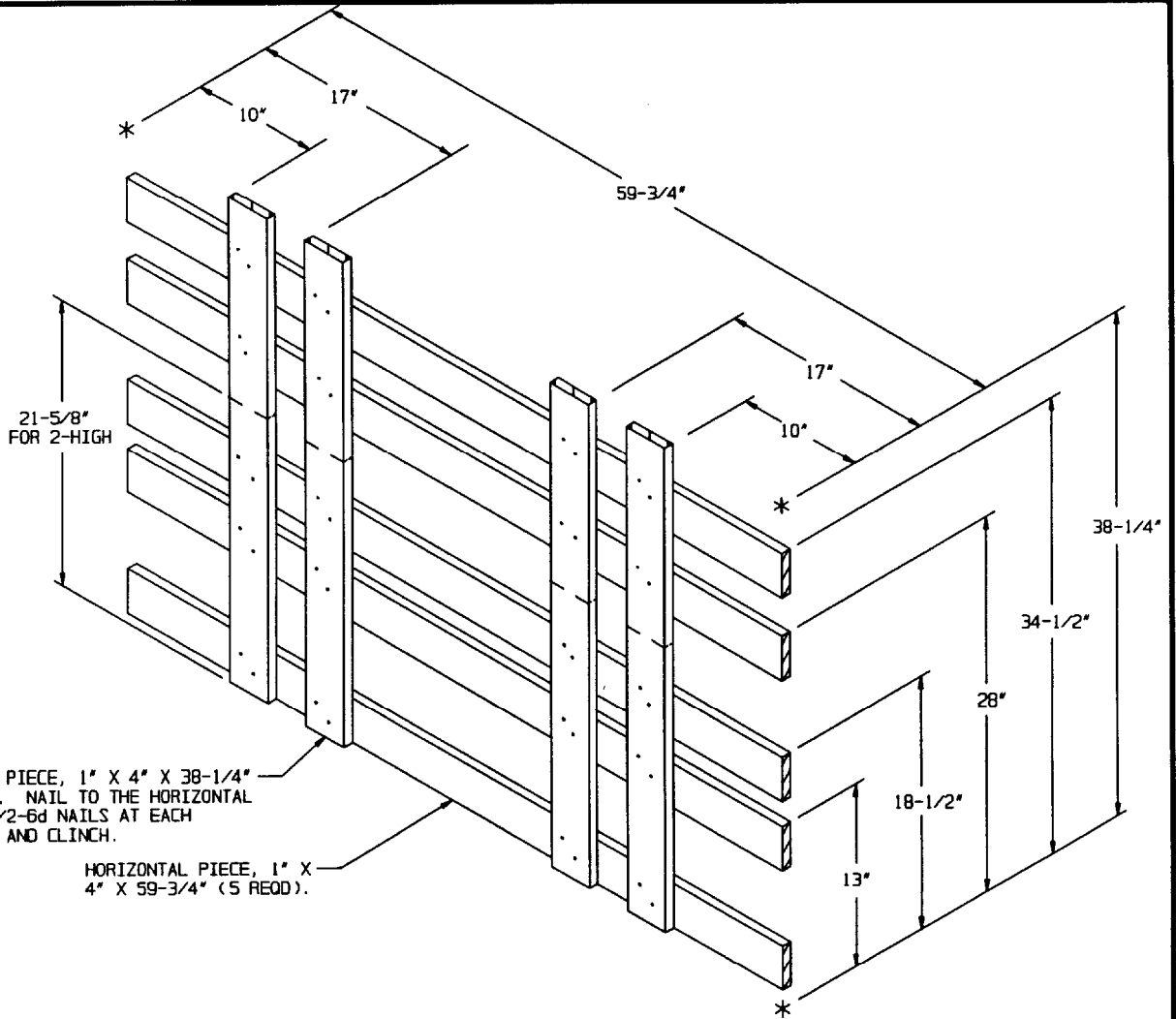
TOTAL WEIGHT - - - - - 1,593 LBS (APPROX)
 CUBE - - - - - 88.8 CU FT (APPROX)

SPECIAL NOTE

UNIT LOADS OF 2 CONTAINERS, ONE LEFT AND ONE RIGHT TRIPOD CONTAINER, MAY BE CONSTRUCTED IF DESIRED. FOR A 2 CONTAINER LOAD, REDUCE THE HEIGHT OF THE VERTICAL PIECES IN THE SIDE AND END BLOCKING ASSEMBLIES TO 21'-5/8", ELIMINATE THE TOP TWO HORIZONTAL PIECES IN THE SIDE AND END BLOCKING ASSEMBLIES REDUCE THE UNITIZATION STRAP LENGTHS TO 14'-1" AND REDUCE THE TIEDOWN STRAP LENGTH TO 17'-2". THIS WILL RESULT IN A UNIT HEIGHT OF 38'-3/4", A UNIT WEIGHT OF 988 POUNDS, AND A UNIT CUBE OF 62.9 CUBIC FEET.

BILL OF MATERIAL

LUMBER	LINEAR FEET	BOARD FEET / LBS
1" X 4"	127.29	42.42 / 84.84
1" X 6"	12.75	6.38 / 12.76
4" X 4"	3.67	4.89 / 9.78
NAILS	NO. REOD	POUNDS
6d (2")	120	0.71
8d (2-1/2")	22	0.23
10d (3")	22	0.34
PLYWOOD, 3/4"	18.37 SQ FT REOD	37.88 LBS
STEEL STRAPPING, 3/4"	146.33' REOD	10.45 LBS
SEAL FOR 3/4" STRAPPING	8 REOD	NIL
STAPLE, 15/16" X 3/4"	32 REOD	NIL
ANTI-CHAFING MATERIAL	AS REOD	NIL



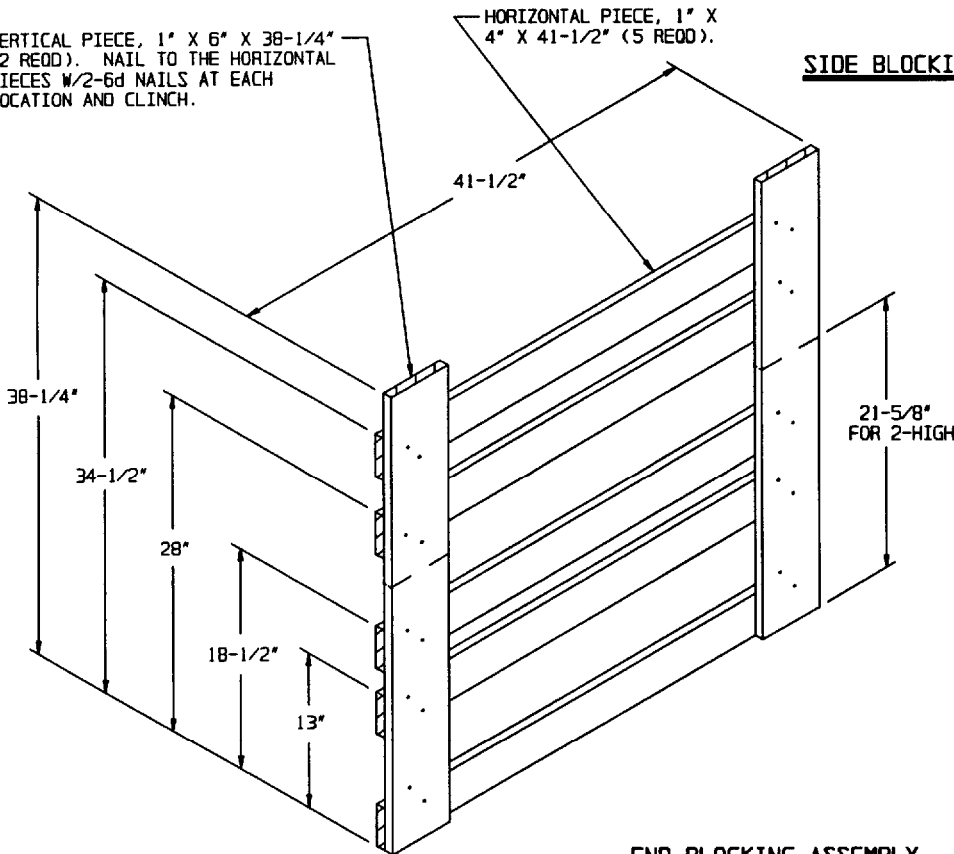
VERTICAL PIECE, 1" X 4" X 38-1/4"
 (4 REQD). NAIL TO THE HORIZONTAL
 PIECES W/2-6d NAILS AT EACH
 LOCATION AND CLINCH.

HORIZONTAL PIECE, 1" X
 4" X 59-3/4" (5 REQD).

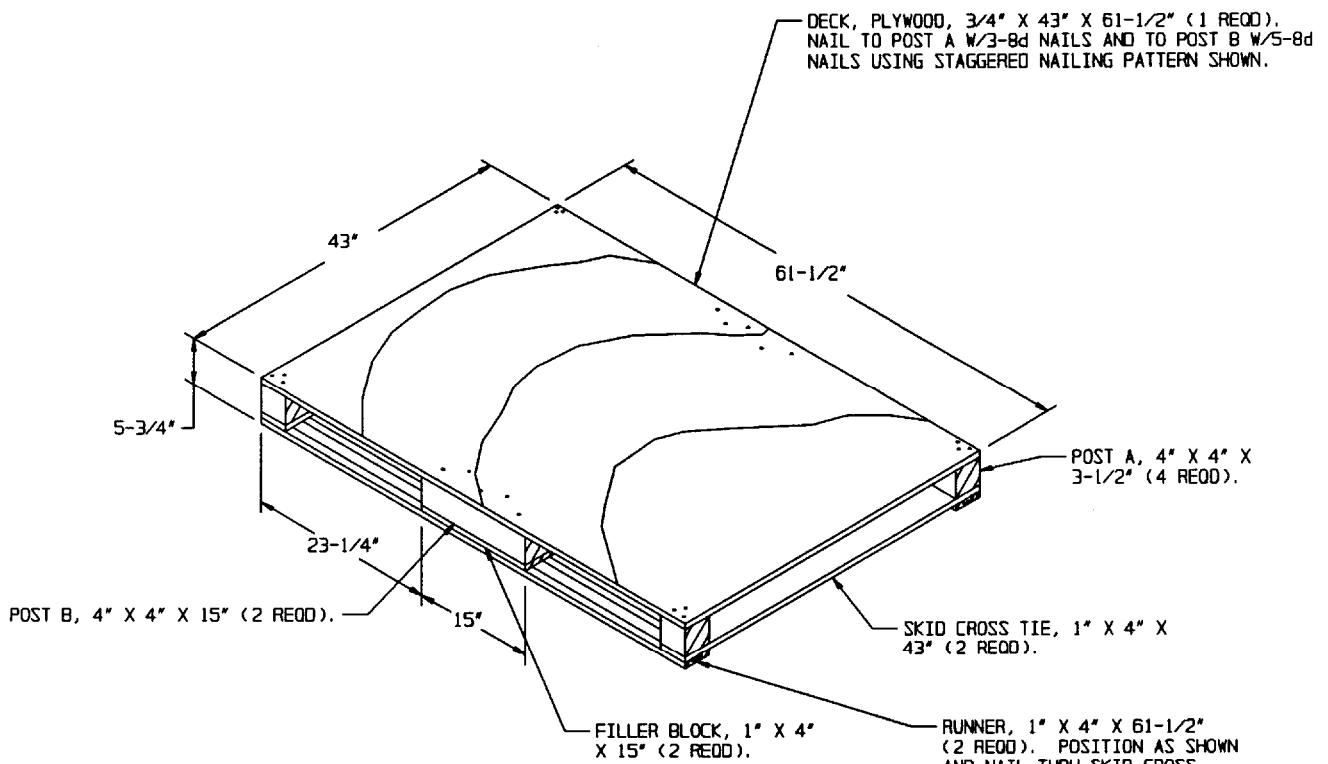
VERTICAL PIECE, 1" X 6" X 38-1/4"
 (2 REQD). NAIL TO THE HORIZONTAL
 PIECES W/2-6d NAILS AT EACH
 LOCATION AND CLINCH.

HORIZONTAL PIECE, 1" X
 4" X 41-1/2" (5 REQD).

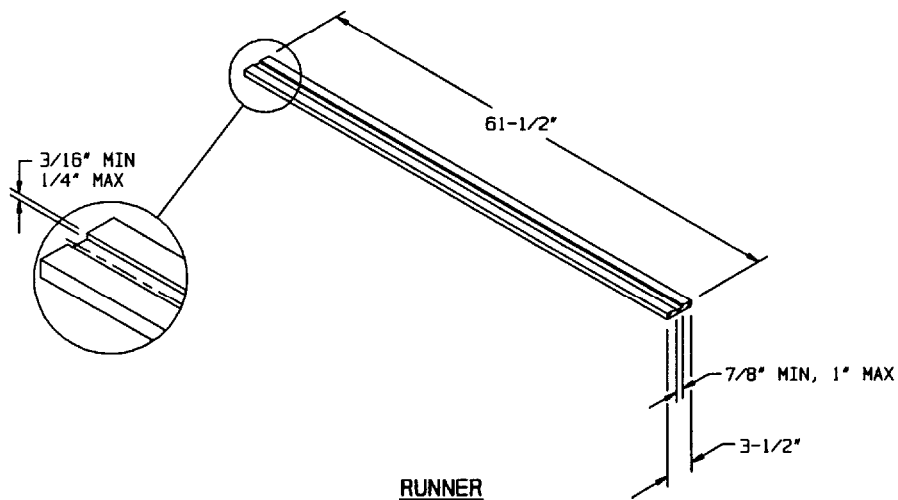
SIDE BLOCKING ASSEMBLY



END BLOCKING ASSEMBLY



SPECIAL PALLET



RUNNER
(2 REQD)

