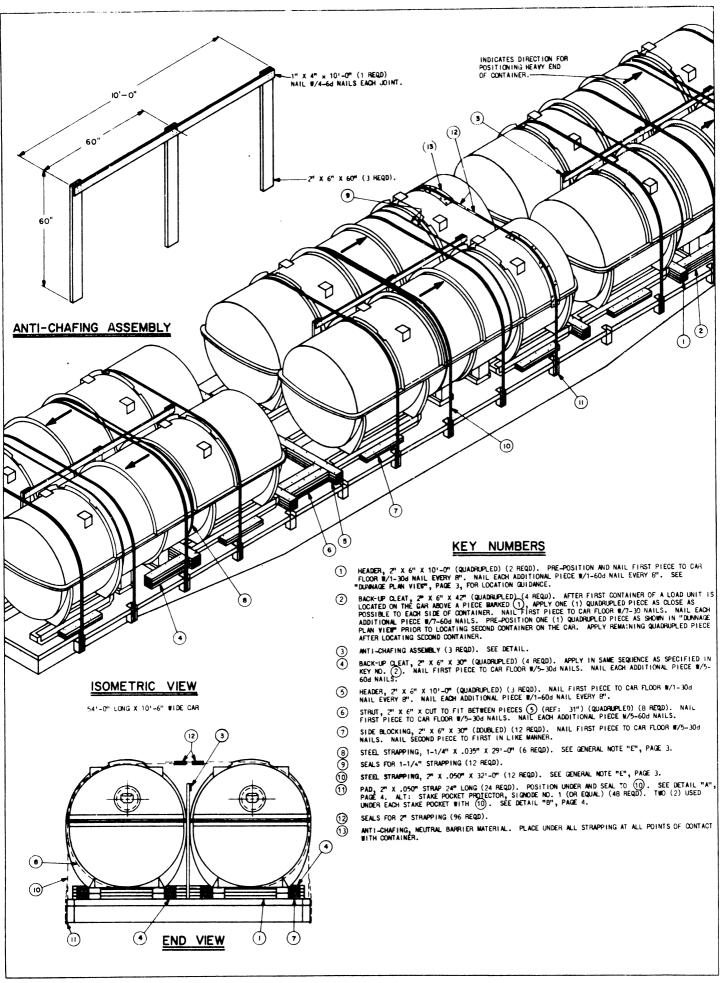
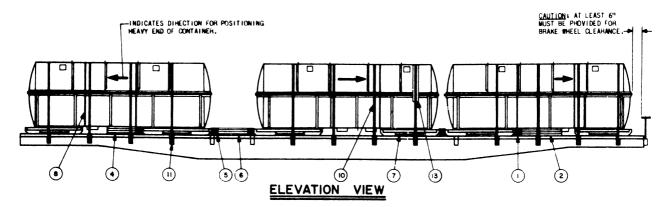
APPHOVED
BUREAU OF EXPLOSIVES
A. J. ALLASSMUCK
BUTTARY ABBUTTARY
DATE 7/20/66

## LOADING & BRACING ON FLAT CAR OF TMU-28/B SPRAY TANK IN CNU-77/E23 CONTAINER

R.G.M. DIWARM JOB	SUGARTIES	B. B.	Uran		
WEN RHA		COMMA		YAMNA ARMY DEPOT	
REVISIONS		APPROVED		00	
		- (	PA JA	•	
	U. S. ARMY	MATERIAL COMM	MATERIAL SERVER	AL.	
	(b)	مسط	<u> </u>		
	U. S.	ARMY M	IATERIEL (	COMMAND	
	8 AUGUST 1966				
	CLASS	DIVISION	ORAWING	FILE	
	19	10 49	48	4553	CD 5 MI
		40	4000	CB 5 MI	

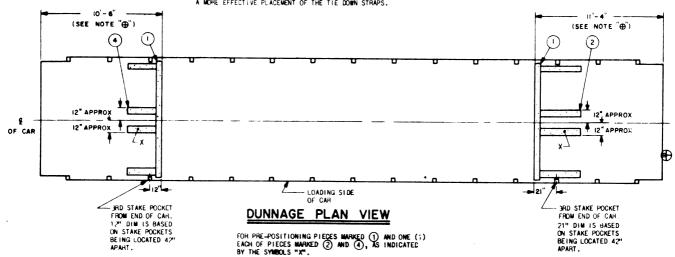
DO NOT SCALE





NOTE 1:

FOR A CAR HAVING STAKE POCKETS POSITIONED DIFFERENTLY THAN WHAT IS SHOWN, IT IS PERMISSIBLE TO ADJUST THE LOCATION OF THE PIECES MARKED (1) A FEW INCHES IN EITHER LOCATION IN ENTERPRISE TO PROVIDE FOR A WORE EFFECTIVE PLACEMENT OF THE TIE DOWN STRAPS
MARKED (1) . CAUTION: THE LOAD UNITS LOADED ON EACH END OF THE CAR MUST BE POSITIONED
AS SHOWN TO FACILITATE PLACEMENT OF THE PIECES MARKED (1) . HOWEVER, THE MID-CAR LOAD
UNIT MAY BE TURNED 180° FROM THE LOADING POSITION SECIFIED IF THAT WILL PROVIDE FOR
A MORE EFFECTIVE PLACEMENT OF THE TIE DOWN STRAPS.



BILL OF MATERIAL			
LUMBER	LINEAL FEET	BOARD FEET	
1" X 4" 2" X 6"	30 10 484 484		
NAILS	NO. REQD	POUNDS	
6d (2") 30d (4-1/2") 60d (6")	36 293 499	1/4 14-1/4 49	
SEALS FOR 1-1/4" STRAI STEEL STRAPPING, 2" X SEALS FOR 2" STRAPPING	4" X .035" 174'   PPING 12   .050" 432'   G 96	HEQD 1 LB HEQD 144 LBS READ 20 LBS	

## MATERIAL SPECIFICATIONS

LUMBER \_\_\_\_\_:SEE TM 715-5500-1; DUNNAGE LUMBER, FED SPEC MM-L-751.

NAILS \_\_\_\_\_:COMMON, CEMENT COATED OR CHEMICALLY ETCHED, FED SPEC FF-N-105.

ALT: MYNULAN-RING TYPE NAIL OF SAME SIZE.

STRAPPING, STEEL \_\_\_\_:TYPE | OR | IV, CLASS "A", "B" OR "C", FED SPEC QQ-S-781.

ANTI-CHAFING MATERIAL ::NEUTRAL BANNIER MATERIAL, MIL-B-121 (OR EQUAL).

\*\*
ALL DUNNAGE LUMBER SPECIFIED HEREIN IS OF MOMINAL SIZE. FOR EXAMPLE

2" X 6" MATERIAL IS ACTUALLY 1-5/8" THICK BY 5-5/8" WIDE.

## GENERAL NOTES

- A. LOAD AS SHOWN IS BASED ON A FLAT CAR 54'-0" LONG X 10'-6" WIDE (PLATFORM) WITH STAKE POCKETS SPACED 42" ON CENTER.
- B. NOTICE: A SHIPMENT WILL BE POSITIONED ON THE RAIL CAR IN COMPLIANCE WITH THE WEIGHT DISTRIBUTION AEQUIREMENTS OF THE AAR. THE NUMBER OF UNITS MAY BE ADJUSTED TO FIT THE RAIL CAR CONCERNED OR THE QUANTITY TO BE SHIPPED; HOWEVER, THE APPROVED METHODS CONTAINED HEREIN, FOR FULL OR PARTIAL CARLOAD, MUST BE FOLLOWED FOR BLOCKING, BRACING AND STAYING OF THIS ITEM.
- C. ONLY CARS WITH "SOUND" FLOORS WILL BE USED. CARS WITH STEEL FLOOR ENDS AND/OR EXPOSED STEEL BOLSTERS WHICH INTERFERE WITH PROPER POSITIONING OR NAILING OF THE DUNNAGE WILL NOT BE USED.
- D. DETAIL OF CONTAINER:

CONTAINER DIMENSIONS = 193" LONG X 62" WIDE X 73" HIGH GROSS WEIGHT = 6,100 Pounds (APPROX) TARE WEIGHT = 4,000 Pounds (APPROX)

- E. WHEN ANY STRAP IS SEALED AT AN END-OVER-END LAP JOINT OR AS SHOWN IN DETAILS "A" AND "B" ON PAGE 4, A MINIMUM OF TWO (2) SEALS WITH TWO (2) CRIMPS PER SEAL MUST BE USED.
- F. CANTION: STAKE POCKETS WILL BE USED FOR ALL TIE DOWN STRAPPING WHENEVER POSSIBLE. DO NOT USE SWIVEL RING TYPE ANCHOR DEVICES. IF OTHER TYPES ARE USED, THEY MUST BE OF SUFFICIENT WIDTH TO RECEIVE 2" STRAP. NOTE: ONLY ONE (1) STRAP MAY BE ANCHORED IN ANY ONE (1) CAR STAKE POCKET.
- G. IF HAIL CAR IS NOT EQUIPPED WITH PLACARD 90ARDS ON BOTH ENDS AND BOTH SIDES, 16" X 24" BOARDS MUST BE PROVIDED, AS REQUIRED. <u>CAUTION</u>: BOARDS OR BOARD MOUNTING BRACKETS MUST NOT BE NAILED TO LADING.

## LOAD AS SHOWN

IID	GLIANILITY	MELIGHT (APPROX)
CNTR W/CONTENTS DUNNACE	6	36,600 LB\$
	TOTAL WELCH	T 38 389 I 85

