APPROVED
BUREAU OF EXPLOSIVES

A. J. Grasmuck
OATE 42462 INSPECTOR

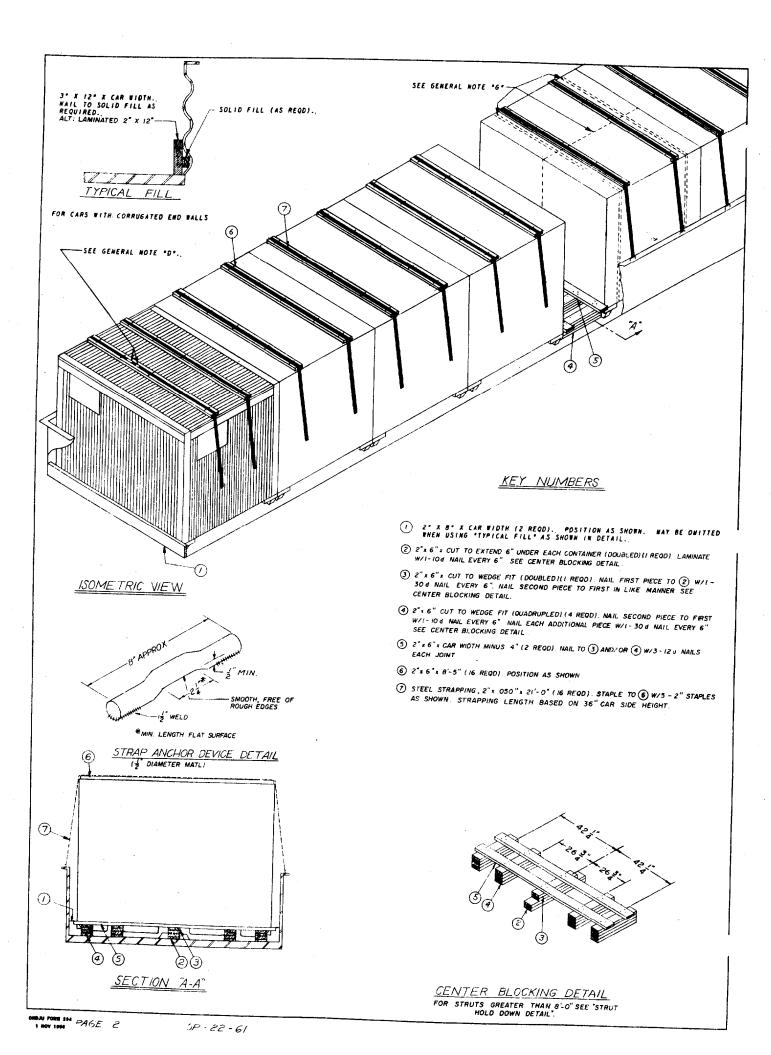


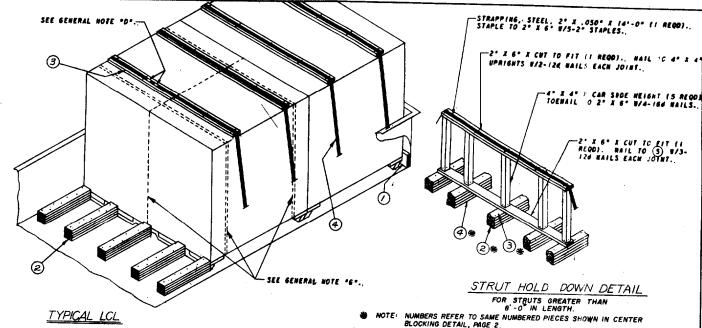
LOADING & BRACING (CL & LCL) IN GONDOLA CARS OF TYPE 1 (HALF SIZE) AND TYPE 2 (STANDARD) CARGO TRANSPORTERS, FOR SHIPMENT "VIA CONEX"

LOADING & BRACING (CL & LCL) IN GONDOLA CARS OF TYPE 1 (HALF SIZE) AND TYPE 2 (STANDARD) CARGO TRANSPORTERS, FOR SHIPMENT "VIA CONEX"

| DIW | BONDON | PARTIE | PART

DO NOT SCALE





TYPICAL LCL

WOOD FLOOR SONDOLA ONLY <u>KEY NUMBERS (LCL)</u>

(1) 2" X 8" X CAR WIDTH (I REQD). POSITION AS SHOWN.

2" X 6" X 36" (QUADRUPLED) (5 REQD). NAIL FIRST PIECE TO CAR FLOOR W/7-16d NAILS. NAIL EACH ADDITIONAL PIECE W/7-40d NAILS. SEE CENTER BLOCKING DETAIL FOR PROPER SPACING.

(3) 2" x 6" x 6'-5" (4 REQD). POSITION AS SHOWN.

3 STEEL STRAPPING, 2" X .050" X 21'-0" (4 REQD). STAPLE TO 3 W/5-2" STAPLES AS SHOWN. STRAPPING LENGTH BASED ON 36" CAR SIDE HEIGHT.

BILL	OF MATERIAL	(CL)
LUNBER	LINEAL FEET	BOARD FEET
2. x 8.	205 19	205 24
MAILS	NO. REQU	POUNDS
104 (3*)	25	1
128 (3-1/4")	30	į
304 (4-1/2")	50	2-1/2

NOTE:
FOR CARGO TRANSPORTER, TYPE 1, (\$ SIZE), ADD STRAPPING,
STEEL, 13" X .035" - 520' REQD - 76 L65.

MATERIAL SPECIFICATIONS

LUMBER: SEE PARAGRAPH 5400, ORDH 3-4, VOL 2.

CONNON, CENENT-COATED, FED SPEC FF-N-105.

ALT: ANNULAR-RING TYPE WAIL OF SAME SIZE.

STRAPPING, STEEL: TYPE I, CLASS "A" OR "C", FED SPEC. 99-5-781.

GENERAL NOTES

A. THIS DRAWING IMPLEMENTS AR 55-166.

B. LOAD AS SHOWN IS BASED ON GONDOLA CARS 52'-6' LONG X 9'-2' (MIN) WIDE CALTION: CARS WITH DROP DOORS IN FLOOR ARE PROMBITED.

C. FOR DETAIL OF CARGO TRANSPORTER, TYPE 1, (\$ SIZE) SEE WILLITARY SPECIFICATION WIL-8-21560, OUTSIDE DIMENSIONS - 51' LONG X 75' WIDE X 82' NIGH.

OUTSIDE DIMENSIONS - 51" LONG X 75" BIDE X 824" NIGH. TARE BEIGHT - 1,050 LBS. MAX GROSS BEIGHT - 10,050 LBS.

FOR DETAIL OF CARGO TRANSPORTER, TYPE 2. (STANDARD).
SEE BILITARY SPECIFICATION BIL-8-11886E.
OUTSIDE DIMENSIONS - 102° LONG X 75° WIDE X 82½° HIGH.
TARE WEIGHT - 1,430 LBS. MAX GROSS WEIGHT - 10,430 LBS.

ALL 2" STRAPPING APPLIED IN TWO (2) PIECES AND ALL II STRAPPING WILL BE SEALED WITH TWO (2) SEALS AND TWO (2) CRIMPS PER SEAL.

FOR CARLOADING OF THIS ITEM, REQUEST GONDOLA CARS WITH ANCHOR STRAP TIEDOWN FACILITIES. IF GONDOLA CARS SO EQUIPPED ARE NOT READILY AVAILABLE, ANCHOR STRAP TIEDOWNS WAY BE LOCALLY FABRICATED. SEE STRAP ANCHOR DEVICE DETAIL.

ANGHOM DEVICE DETAIL.

SHIPHENT WILL BE POSITIONED IN RAILCAR IN COUPLIANCE WITH THE WEIGHT DISTRIBUTION REQUIREMENTS OF THE AAR. THE NUMBER OF UNITS MAY BE ADJUSTED TO FIT THE RAILCAR CONCERNED, OR THE QUANTITY TO BE SHIPPED; HOMEYER, THE APPROVED METHODS CONTAINED HEREIN, FOR FULL OR PARTIAL CARLOAD, MUST BE FOLLOWED FOR BLOCKING, BRACIMG AND STAVING OF THIS ITEM.

6., LOADS DEPICTED HEREIN ARE BASED ON CARGO TRANSPORTER, TYPE 2, [STANDAP:).
FOR CARLOADING OF CARGO TRANSPORTER. TYPE 1, (1 SIZE) TWO (2)
(1 × .035° STEEL STRAPS 33'-0" LONG ARE REQUIRED TO UNITIZE EACH
TWO (2) CARGO TRANSPORTERS AS TYPICALLY SHOWN IN ISOMETRIC VIEWS,

LOADING, BLOCKING AND BRACING METHODS SHOWN HEREIN ARE APPROVED FOR HIGH DENSITY LOW VOLUME MATERIEL INCLUDING KC CLASS "A" EXPLOSIVES, INTERNALLY BLOCKED AND BRACED INSIDE TRANSPORTER IN ACCORDANCE WITH ORDNANCE CORPS APPROVED "FILLING" DRAWINGS.

CAUTION: LOADED TRANSPORTER MUST NEVER BE POSITIONI D IN CAR WITH DOORS FACING DIRECTION OF CAR TRAVEL --- LOAD WITH CON: MINER SKIDS CROSSWISE OF

** WEIGHT OF CARLOAD SHOWN WAS COMPUTED BY USING 9,000 POUNDS MAXMUM COMMODITY WEIGHT PER TRANSPORTER. ACTUAL WEIGHT DEPENOS UPON THE WEIGHT OF THE COMMODITIES BEING SHIPPED IN TRANSPORTER. CAUTION: DO NOT EXCEED LOAD LIMIT STENCILED ON CAR.

LOAD AS SHOWN

ITEN QUANTITY PEIGHT CONTAINER (STANDARD) 63.440 LBS (MAXI DUNNAGE 688 185 TOTAL WEIGHT 94,128 LBS @

LOAD AS SHOWN

ITEN QUANTITY WEIGHT CONTAINER, (HALF SIZE) 160,800 LBS (WAX) DUNNAGE 764 LBS TOTAL WEIGHT 161,564 L85 @

SP 22-61