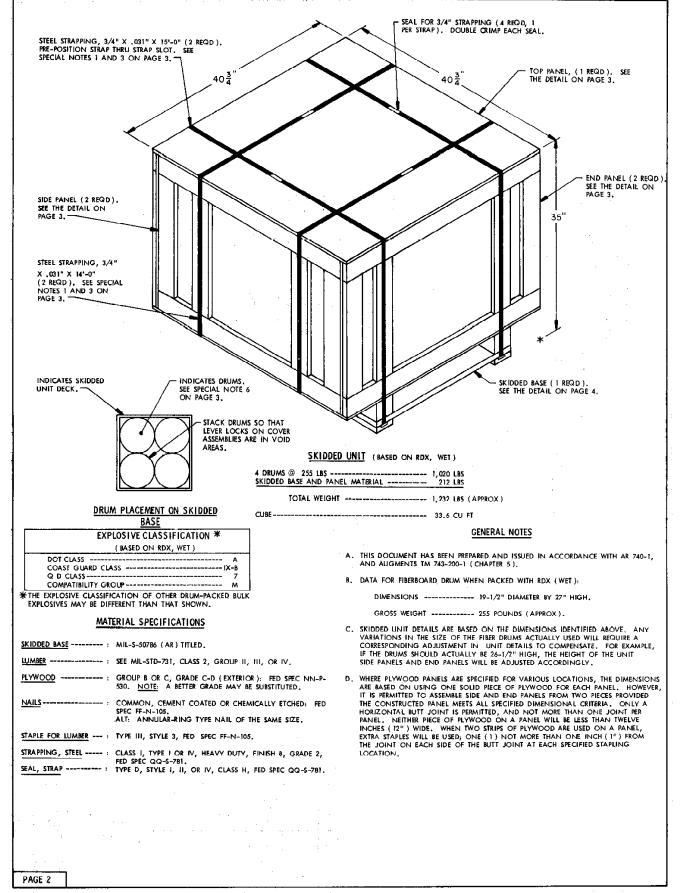
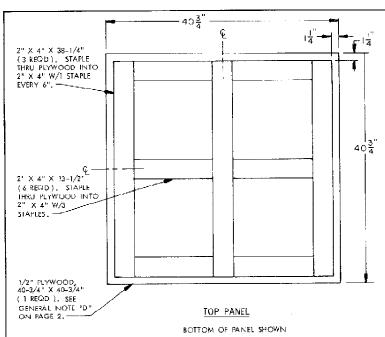
UNITIZATION PROCEDURES FOR BULK EXPLOSIVES WHEN PACKAGED IN A 19-1/2" DIAMETER BY 27" HIGH FIBERBOARD DRUM, OVERPACKED FOUR PER SKIDDED BASE UNIT (40-3/4" L X 40-3/4" W X 35" H)

THE SKIDDED BASE UNIT DATA DISPLAYED HEREIN IS BASED ON DRUM-PACKED RDX (WET). HOWEVER, THE SPECIFIED UNITIZATION PROCEDURES ARE ALSO APPLICABLE TO OTHER DRUM-PACKED BULK EXPLOSIVES WHICH ARE PACKED IN THE SAME SIZE OR NEARLY THE SAME SIZE FIBERBOARD DRUM, PROVIDING THE GROSS WEIGHT OF A COMPLETE PALLET UNIT DOES NOT EXCEED 2,200 POUNDS. SIZE ADJUSTMENTS TO THE SKIDDED BASE UNIT WILL BE MADE DURING FABRICATION AS REQUIRED TO COMPENSATE FOR DRUMS THAT VARY SLIGHTLY IN SIZE FROM THE DESIGNATED DIMENSIONS OF 19-1/2" AND 27". THE SPECIFIED PROCEDURES ARE APPLICABLE TO DRUMS WHICH HAVE DIAMETERS FROM 18" TO 21-1/2" AND HEIGHTS OF NOT MORE THAN 46". DRUMS WHICH ARE 15-1/2' OR LESS IN HEIGHT CAN BE TRIPLE-TIERED WITHIN A PALLET UNIT AND THOSE THAT ARE NOT MORE THAN 23" HIGH CAN BE DOUBLE TIERED.

REVISIONS	PB / MK OW KEET	
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	OCTOBER 1975	
	CLASS DIVISION DRAWING FILE	
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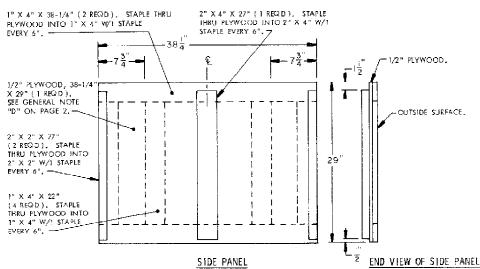
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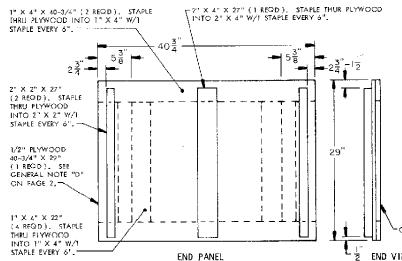


SPECIAL NOTES:

- THE STEEL STRAPPING SPECIFIED IN THE SKIDDED UNIT DETAIL IS 3/4" WIDE BY .031" THICK. FOR AN ALTERNATIVE, 3/4" WIDE BY .035" THICK STEEL STRAPPING MAY ALSO BE USED.
- THE SKIDDED BASE AS SHOWN ON PAGE 4, IS FABRICATED ACCORDING TO STANDARD SPECIFICATIONS. HOWEVER, THE TWO (2) SHEETS OF 1/2" PLYWOOD ARE TO BE SUBSTITUED FOR THE DECK OF THE SKIDDED BASE, IN LIEU OF THE 5/8" PLYWOOD, AND THE "WIDTH FORMULA" DOES NOT APPLY.
- ALL STRAPPING MUST BE STRAIGHT WITHIN TWO INCHES (2") ON ANY SURFACE OF THE UNITIZED LOAD; I.E., TOP, BOTTOM, SIDES OR ENDS THAT IT ENCOMPASSES. EACH STRAP WILL BE IENSIONED SUFFICIENTLY TO SLIGHTLY CRUSH THE EDGES OF THE PALLET UNIT.
- 4. A MANUFACTURING FOLERANCE OF # OK = 1/4" IS ALLOWED ON ALL DIMENSIONS. ALTHOUGH A = 0x = 1/4" TOLERANCE IS ALLOWED, ALL DIMENSIONAL LUMBER MEMBERS IN A SET, SUCH AS THE VERTICAL 1" X 4" CLEATS ON EXTERIOR OF A SIDE PANEL, MUST BE WITHIN 1/8" OF THE SAME LENGTH.
- DIMENSIONAL LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IF OF NOMINAL SIZE, FOR EXAMPLE, 2" X 4" MATERIAL IS ACTUALLY 1-1/2" THICK BY 3-1/2" WIDE.
- 6. IF LESS THAN 4 DRUMS ARE LOADED INTO A SKIDDED UNIT, A BOX-TYPE ASSEMBLY CONSTRUCTED FROM DIMENSIONAL LUMBER AND PLYWOOD MUST BE INSTALLED TO OCCUPY THE VOID CREATED BY THE ELIMINATION OF A DRUM OR DRUMS. THE SPACE-OCCUPYING ASSEMBLY MUST BF AS STRONG OR STRONGER THAN THE DRUM (S.) REPLACED.
- 7. IF DESIRED DURING ASSEMBLY OF A SKIDDED UNIT, ONE (1) & NAIL CAN BE DRIVEN THROUGH A SIDE PANEL AT EACH CORNER INTO AN INTERNAL FRAME MEMBER OF AN END PANEL, TO TEMPORARILY HOLD PANELS IN PLACE PRIOR TO APPLYING STRAPPING.



(CLEATS ON OUTSIDE SURFACE ARE SHOWN IN DASHED LINES)



BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4" 2" X 2" 2" X 4" 4" X 4"	75 18 26 4	25 6 : 18 6
NAIL5	NO. REQD	POUNDS
6 (2-1/2")	18	1/4

PLYWOOD, 1/2" _______68 SQ. FT. REQD _______94 L8S STRAPPING, STEEL, 3/4" X .031 _ 58 FT. REQD _______5 LBS SEALS, STRAPPING, 3/4" ______4 EA _______1/4 LB STAPLES, ** ______166 EA _______2 LBS

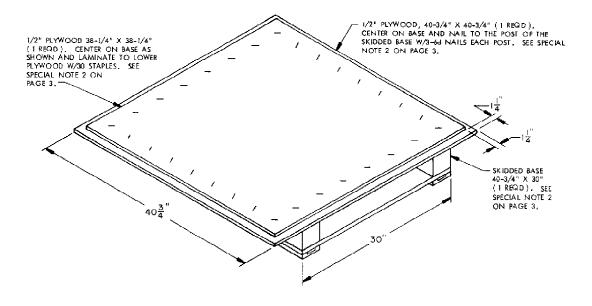
* STAPLES TO BE USED SHOULD BE OF A TYPE USED IN PNEUMATIC (IX MECHANICAL GUNS FOR FASTENING WOOD). LEG LENGTH WILL BE ONE INCH (1") AND THE CROWN WIDTH WILL BE 1/2" MINIMUM TO 1" MAXIMUM. THE WIRE GACE OF THE STAPLE SHOULD BE SIXTEEN (16) GAGE OR HEAVIER.

OUTSIDE SURFACE.

END VIEW OF END PANEL

(CLEATS ON OUTSIDE SURFACE ARE SHOWN IN DASHED LINES)

PAGE 3



SKIDDED BASE