APPROVED BY
BUREAU OF EXPLOSIVES

DATE 10/11/00

APPENDIX 8

LOADING AND BRACING • PROCEDURES FOR STRATEGIC CONFIGURED LOAD (SCL) ON CONTAINER ROLL IN/OUT PLATFORM (CROP)

SCL #8 - 155MM DPICM ER M864

INDEX

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC CROP OUTLOADING PROCEDURES DRAWING 19-48-4905-CA17Q6.

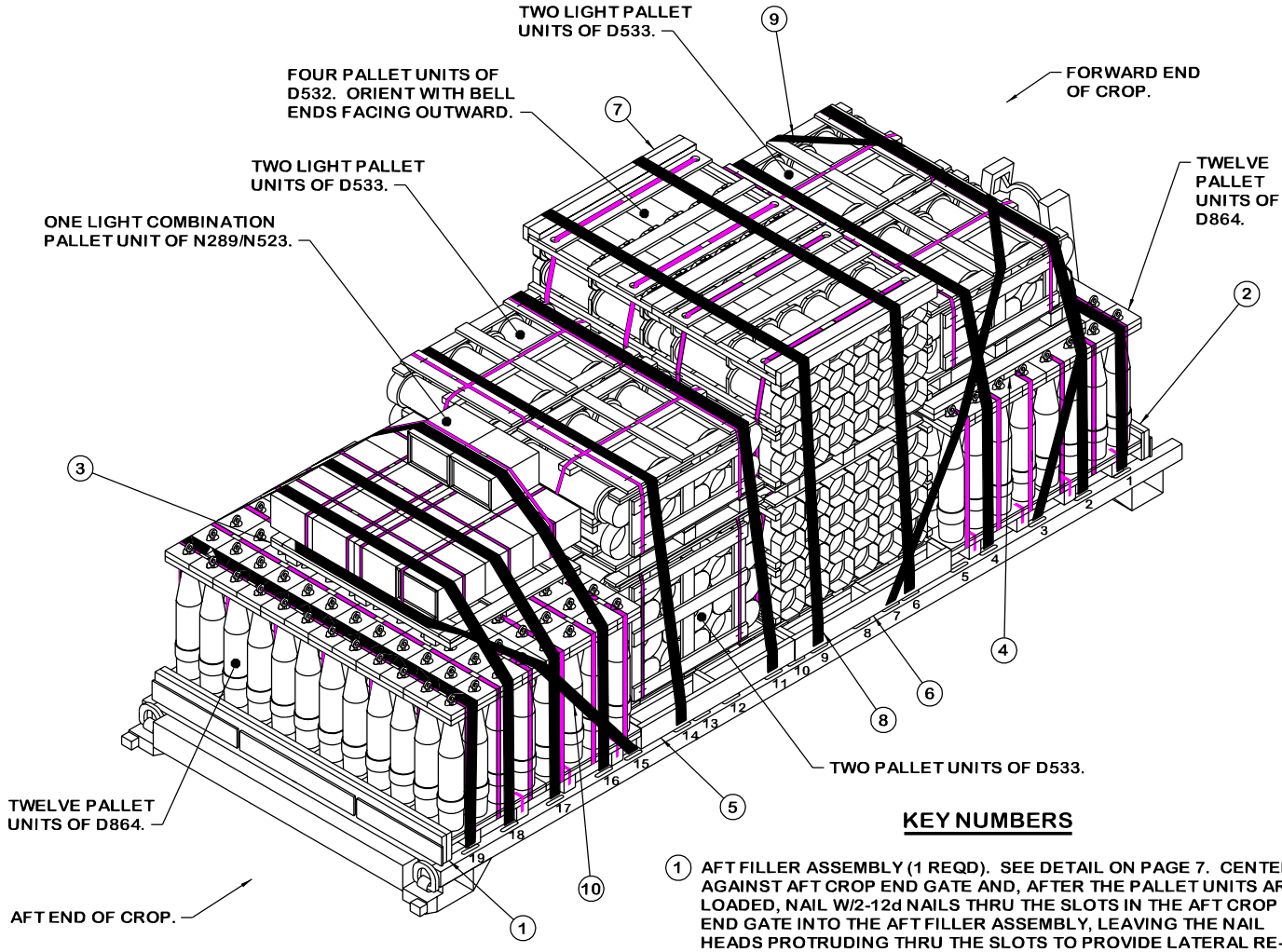
• LOADING AND BRACING SPECIFICATIONS SET FORTH WITHIN THIS DRAWING ARE APPLICABLE TO LOADS THAT ARE TO BE SHIPPED BY TRAILER/CONTAINER-ON-FLATCAR (T/COFC) RAIL CARRIER SERVICE. THESE SPECIFICATIONS MAY ALSO BE USED FOR LOADS THAT ARE TO BE MOVED BY MOTOR OR WATER CARRIERS.

U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND	ENGINEER	BASIC	LAURA FIEFFER	DO NOT SCALE
		REV.		WEBSITE: HTTP://WWW.DAC.ARMY.MIL
	TECHNICIAN	BASIC		SEPTEMBER 2000
		REV.		
	DRAFTSMAN	BASIC		
		REV.		
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND	TRANSPORTATION ENGINEERING DIVISION		William R. Francis	
	VALIDATION ENGINEERING DIVISION		TESTED	
U.S. ARMY DEFENSE AMMUNITION CENTER	ENGINEERING DIRECTORATE		Johnnie L. Cook	

CLASS	DIVISION	DRAWING	FILE
19	48	4905/8	CA17Q6

PROJECT CAP-TV 6/8-00



ISOMETRIC VIEW

KEY NUMBERS

(1) AFT FILLER ASSEMBLY (1 REQD). SEE DETAIL ON PAGE 7. CENTER AGAINST AFT CROP END GATE AND, AFTER THE PALLET UNITS ARE LOADED, NAIL W/2-12d NAILS THRU THE SLOTS IN THE AFT CROP END GATE INTO THE AFT FILLER ASSEMBLY, LEAVING THE NAIL HEADS PROTRUDING THRU THE SLOTS TO PROVIDE LATERAL RESTRAINT.

(2) FORWARD FILLER, 1" OR 2" X 8" X 7'-4" (AS REQD). LAMINATE EACH PIECE TO THE PREVIOUS PIECE W/8 NAILS OF A SUITABLE SIZE (6d NAILS FOR 1" THICK MATERIAL). CENTER AGAINST FORWARD CROP END GATE AND, AFTER THE PALLET UNITS ARE LOADED, NAIL W/2-12d NAILS THRU THE HOLES IN THE FORWARD CROP END GATE INTO THE FORWARD FILLER PIECES, LEAVING THE NAIL HEADS PROTRUDING THRU THE HOLES TO PROVIDE LATERAL AND VERTICAL RESTRAINT.

(3) PALLET SUPPORT ASSEMBLY A (1 REQD). SEE DETAIL ON PAGE 7. POSITION THE ASSEMBLY ON TOP OF THE AFT D864 PALLET UNITS SO THAT ASSEMBLY LATERAL PIECES ARE LENGTHWISE ON THE LOAD AND FIT BETWEEN THE LIFTING RINGS OF THE D864 PROJECTILES. CENTER THE ASSEMBLIES LATERALLY ON THE D864 PALLET UNITS AND POSITION SO THAT THE LIGHT D533 PALLET UNIT WILL BE TIGHT AGAINST THE ADJACENT D532 PALLET UNITS.

(4) PALLET SUPPORT ASSEMBLY B (1 REQD). SEE DETAIL ON PAGE 8. POSITION THE ASSEMBLY ON TOP OF THE FORWARD D864 PALLET UNITS SO THAT ASSEMBLY LATERAL PIECES ARE CROSSWISE ON THE LOAD AND FIT BETWEEN THE LIFTING RINGS OF THE D864 PROJECTILES. CENTER THE ASSEMBLY LATERALLY ON THE D864 PALLET UNITS AND POSITION SO THAT THE LIGHT COMBINATION N289/N523 PALLET UNIT WILL BE TIGHT AGAINST THE ADJACENT LIGHT D533 PALLET UNITS.

(5) SIDE BLOCKING ASSEMBLY A (2 REQD). SEE THE DETAIL ON PAGE 9. INSTALL ONE ON EACH SIDE OF THE CROP ADJACENT TO THE D533 PALLET UNITS. AFTER THE HOLD-DOWN STRAPS ARE INSTALLED, NAIL THROUGH THE STRAP ATTACHMENT SLOTS OF TWO HOLD-DOWN STRAPS INTO SIDE BLOCKING W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.

(6) SIDE BLOCKING ASSEMBLY B (2 REQD). SEE THE DETAIL ON PAGE 9. INSTALL ONE ON EACH SIDE OF THE CROP ADJACENT TO THE D532 PALLET UNITS. AFTER THE HOLD-DOWN STRAPS ARE INSTALLED, NAIL THROUGH THE STRAP ATTACHMENT SLOTS OF TWO HOLD-DOWN STRAPS (ONE AT EACH END OF THE ASSEMBLY) INTO SIDE BLOCKING W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.

(CONTINUED AT LEFT)

(KEY NUMBERS CONTINUED)

(7) STRAPPING BOARD ASSEMBLY (2 REQD). SEE THE DETAIL ON PAGE 9. INSTALL ON THE EDGE OF THE D532 PALLET UNIT.

(8) HOLD-DOWN STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (11 REQD). INSTALL EACH HOLD-DOWN STRAP TO EXTEND FROM THE DESIGNATED TIEDOWN ANCHOR ON ONE SIDE OF CROP, OVER THE TOP OF THE PALLET UNITS, TO THE CORRESPONDING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TENSION STRAP. SEE GENERAL NOTE "H" ON PAGE 3.

(9) FORWARD END RESTRAINT STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (2 REQD). INSTALL EACH STRAP FROM THE THIRD TIEDOWN ANCHOR ON ONE SIDE OF THE CROP (ONE ON EACH SIDE), OVER THE D864 AND LIGHT D533 PALLET UNITS AND STRAPPING BOARD ASSEMBLY, BACK DOWN TO THE SEVENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TENSION STRAP. SEE GENERAL NOTE "H" ON PAGE 3.

(10) AFT END RESTRAINT STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (1 REQD). INSTALL THE STRAP FROM THE FIFTEENTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, OVER THE D864 PALLET UNITS, AROUND PALLET IN THE LIGHT COMBINATION N289/N523 PALLET UNIT, AND BACK DOWN OVER THE D864 PALLET UNITS TO THE FIFTEENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. DO NOT INSTALL OVER THE HOLD-DOWN STRAP ATTACHED TO THE NINETEENTH TIEDOWN ANCHOR, THREAD BEHIND THIS STRAP, FLUSH AGAINST THE D864 PALLET UNIT. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TENSION STRAP. SEE GENERAL NOTE "H" ON PAGE 3.

RECOMMENDED SEQUENTIAL PROCEDURES

1. PREFABRICATE THE AFT FILLER ASSEMBLY, ONE PALLET SUPPORT ASSEMBLY "A", ONE PALLET SUPPORT ASSEMBLY "B", TWO STRAPPING BOARD ASSEMBLIES, TWO SIDE BLOCKING ASSEMBLIES "A", AND TWO SIDE BLOCKING ASSEMBLIES "B". STRAP THE N523 BOX AND THE EXTRA N289 BOX TO THE TOP OF THE LIGHT N289 PALLET UNIT.
2. INSTALL THE AFT FILLER ASSEMBLY.
3. LOAD TWO ROWS OF SIX PALLET UNITS OF D864 AGAINST THE AFT END FILLER ASSEMBLY, CENTERING THE ROWS LATERALLY ON THE CROP.
4. LOAD ONE ROW OF TWO PALLET UNITS OF D533 AGAINST THE D864 PALLET UNITS, CENTERING THE ROWS LATERALLY ON THE CROP.
5. LOAD TWO LIGHT D533 PALLET UNITS, ON TOP OF THE D533 PALLET UNITS, ALIGNED WITH THE LOWER PALLET UNITS.
6. LOAD ONE ROW OF FOUR PALLET UNITS (TWO LAYERS) OF D532 AGAINST THE D533 PALLET UNITS, CENTERING THE ROWS LATERALLY ON THE CROP.
7. LOAD TWO ROWS OF SIX PALLET UNITS OF D864 AGAINST THE D532 PALLET UNITS, CENTERING THE ROWS LATERALLY ON THE CROP.
8. INSTALL THE FORWARD FILLER PIECES.
9. INSTALL ONE PALLET SUPPORT ASSEMBLY "A" ON TOP OF THE AFT D864 PALLET UNITS SO THAT THE LATERAL PIECES OF THE ASSEMBLY FIT BETWEEN THE LIFTING EYES ON THE D864 PALLET UNITS AND ARE LENGTHWISE ON THE LOAD, AND THE ASSEMBLY IS CENTERED AS MUCH AS POSSIBLE LATERALLY ON THE D864 PALLET UNITS.
10. LOAD ONE LIGHT N289/N523 COMBINATION PALLET UNIT ON TOP OF THE PALLET SUPPORT ASSEMBLY "A", AGAINST THE AFT LIGHT D533 PALLET UNITS, ALIGNING THE PALLET SKIDS WITH THE PALLET SUPPORT ASSEMBLY LONGITUDINAL PIECES. SEE GENERAL NOTE "F" AT RIGHT.
11. INSTALL THE PALLET SUPPORT ASSEMBLY "B" ON TOP OF THE FORWARD D864 PALLET UNITS SO THAT THE LATERAL PIECES OF THE ASSEMBLY FIT BETWEEN THE LIFTING EYES ON THE D864 PALLET UNITS AND ARE CROSSWISE ON THE LOAD, AND THE ASSEMBLY IS CENTERED AS MUCH AS POSSIBLE LATERALLY ON THE D864 PALLET UNITS.
12. LOAD TWO LIGHT D533 PALLET UNITS ON TOP OF THE PALLET SUPPORT ASSEMBLY "B", AGAINST THE D532 PALLET UNITS, ALIGNING THE PALLET SKIDS WITH THE PALLET SUPPORT ASSEMBLY LONGITUDINAL PIECES.
13. INSTALL THE TWO SIDE BLOCKING ASSEMBLIES "A", ONE ON EITHER SIDE OF THE D533 PALLET UNITS.
14. INSTALL THE TWO SIDE BLOCKING ASSEMBLIES "B", ONE ON EITHER SIDE OF THE D532 PALLET UNITS.
15. INSTALL TWO STRAPPING BOARD ASSEMBLIES ON THE D532 PALLET UNITS.
16. INSTALL 11 WEB STRAP TIEDOWN ASSEMBLIES TO EXTEND FROM A TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, OVER THE TOP OF PALLET UNITS, TO THE CORRESPONDING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP.

(CONTINUED ON PAGE 4)

GENERAL NOTES

A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC LOADING PROCEDURES DRAWING 19-48-4905-CA17Q6. TO PRODUCE AN APPROVED LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.

B. THE OUTLOADING PROCEDURES DEPICTED IN THIS DRAWING ARE APPLICABLE TO LOADS OF SCL #8. SEE PAGES 4 THRU 6 FOR DETAILS OF THE PALLET UNITS. AN M3A1 (HYUNDAI) CROP IS SHOWN AS TYPICAL. OTHER MANUFACTURER'S CROPS CAN BE USED FOR THE LOAD SHOWN ON PAGE 2. THE SEQUENTIAL LOADING PROCEDURES DEPICTED AT LEFT DESCRIBE THE SEQUENCE USED TO LOAD AN M3A1 CROP. FOR AN M3 (SUMMA) CROP, SEQUENTIAL LOADING PROCEDURES 2 THROUGH 8 MUST BE REVERSED. ACTUAL CROP CONFIGURATION WILL DETERMINE WHETHER THE SEQUENTIAL LOADING STARTS AT THE AFT OR THE FORWARD END OF THE CROP.

C. THE LOADING PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR OUTLOADING SIMILAR SCL LOADS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 4, PROVIDED THE OVERALL PALLET UNIT DIMENSIONS DO NOT VARY FROM WHAT IS DELINEATED HEREIN.

D. LIGHT PALLET UNITS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE GUIDELINES DELINEATED IN THE BASIC UNITIZATION PROCEDURES DRAWING APPLICABLE TO THAT PALLET UNIT, EXCEPT FOR THE LIGHT D533 PALLET UNITS, WHICH MUST BE CONSTRUCTED IN ACCORDANCE WITH THE GUIDELINES DELINEATED ON PAGE 5.

E. DIMENSIONS, CUBE AND WEIGHT OF THE PALLET UNITS WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.

F. ALTERNATE NSN/DODIC COMBINATIONS ARE SHOWN IN THE CHART ON PAGE 4. THESE ALTERNATES MAY BE SUBSTITUTED FOR SOME OR ALL THE DEPICTED NSN/DODICS IF NECESSARY DUE TO THE ITEMS OR QUANTITIES ON HAND.

G. DIMENSIONS GIVEN FOR DUNNAGE ASSEMBLIES WILL BE FIELD CHECKED PRIOR TO THEIR ASSEMBLY. PALLET UNITS MUST FIT SNUGLY AGAINST THE DUNNAGE ASSEMBLIES. THIS GUIDANCE MUST BE APPLIED PRIOR TO BEGINNING AN OUTLOADING OPERATION. ALSO, DUE TO VARIATION OF PALLET UNIT DIMENSIONS, ADJUSTMENTS MAY BE REQUIRED AS TO THE LOCATION OF CERTAIN PIECES ON DUNNAGE ASSEMBLIES.

H. ALL WEB STRAP TIEDOWN ASSEMBLIES MUST HAVE THE EXCESS LENGTH OF THE STRAP SECURED. ROLL UP AND BUNDLE THE EXCESS LENGTH OF WEB STRAP, SECURING WITH CABLE TIES. SEE THE "STRAP END SECUREMENT" DETAIL AND GENERAL NOTE "K.12" IN THE BASIC PROCEDURE DRAWING 19-48-4905-CA17Q6.

J. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES, AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM AND ONE POUND EQUALS 0.454 KG.

BILL OF MATERIAL

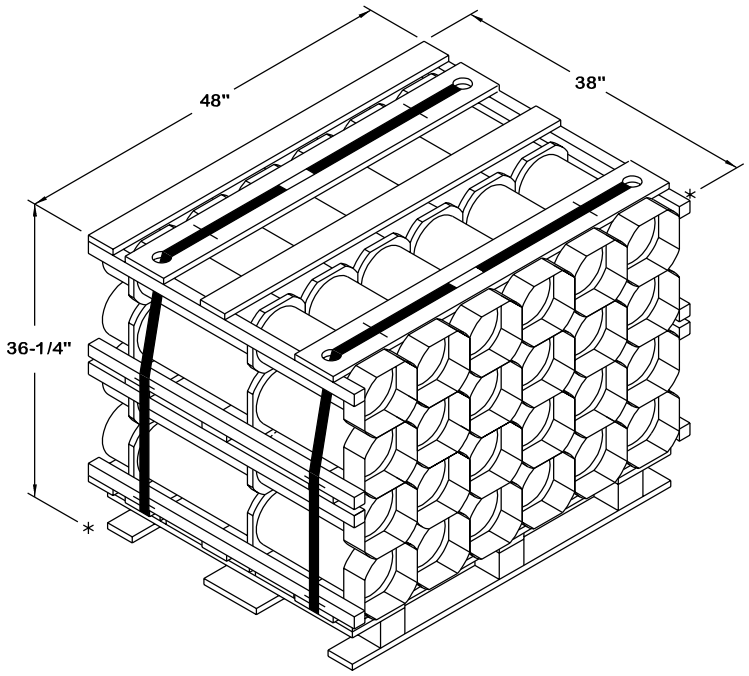
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	7	3
1" X 6"	16	8
1" X 8"	12	8
2" X 3" (ACTUAL)	2	1
2" X 4"	70	47
2" X 6"	35	35
2" X 8"	22	30
NAILS	**NO. REQD**	**POUNDS**
6d (2")	53	1/2
10d (3")	127	2
12d (3-1/4")	4	NIL

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
D532 PALLET UNIT	4	5,480 LBS
D533 PALLET UNIT	2	2,320 LBS
LIGHT D533 PALLET UNIT	4	2,484 LBS
D864 PALLET UNIT	24	20,976 LBS
COMBO N289/N523 PALLET UNIT	1	594 LBS
DUNNAGE		259 LBS
CROP		3,800 LBS
TOTAL WEIGHT		35,913 LBS (APPROX)

SCL #8 COMPOSITION CHART

DODIC	NSN	NOMENCLATURE	UNIT DWG	REQD	UNITS REQD	HC
D532	1320-01-202-8938	CHG, PROPELLING 155MM RB M203A1	4042A/22	96	4 PALLETS	1.3C
D533	1320-01-093-6856	CHG, PROPELLING 155MM WB M119A2 W/O PRIMER	4042A/9	96	2 PALLETS & 4 LIGHT PLTS	1.3C
D864 ▲	1320-01-231-1697	PROJ, 155MM DPICM ER M864	8837839	192	24 PALLETS	1.1D
N289 *	1390-01-282-6038	FUZE, ELECTRONIC TIME W/O BOOSTER M762	4116/156S	208	13 BOXES	1.4S
N523	13-0-00-892-4202	PRIMER, PERCUSSION M82	4116/158E	200	1 BOX	1.4S
NOTE: THE DODICS LISTED BELOW MAY BE USED AS ALTERNATES FOR THE DODICS WITH MATCHING SYMBOLS SHOWN ABOVE IF THE QUANTITY OF THE DODICS SHOWN ABOVE IS INSUFFICIENT.						
D864	1320-01-406-1160	PROJ, 155MM DPICM ER M864 RELOAD	8837839			1.1D
N285 * ▲	1390-01-247-4013	FUZE, MTSQ M577A1 WITHOUT BOOSTER	4116/156			1.4S



D532 PALLET UNIT DETAIL

24 CONTAINERS OF 155MM PROPELLING
CHARGES (1 PER PA103 CONTAINER) AT 52 LBS - - - - - 1,248 LBS (APPROX)
DUNNAGE - 57 LBS
PALLET - 65 LBS

TOTAL WEIGHT - - - - - - - 1,370 LBS (APPROX)
CUBE - - - - - - - - - - - - 38.3 CU FT (APPROX)

SEQUENTIAL PROCEDURES CONTINUED FROM PAGE 3

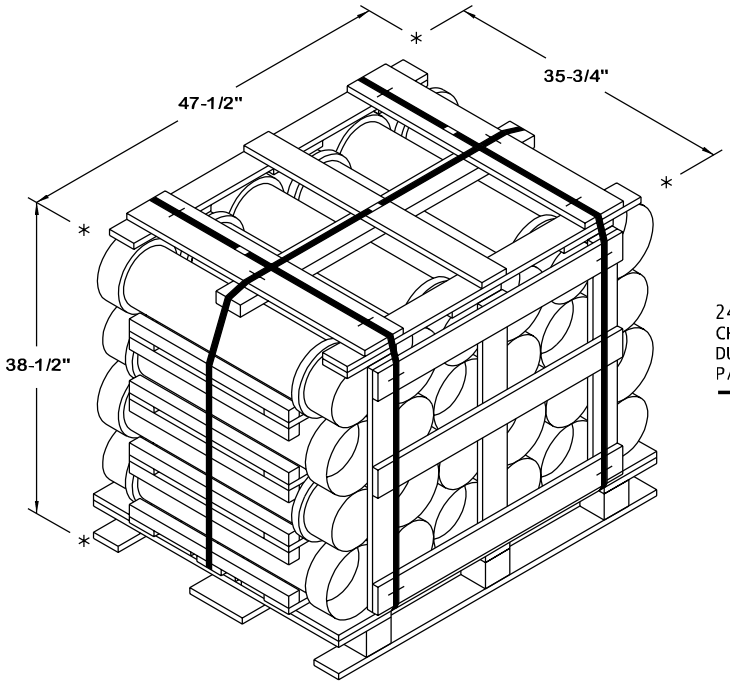
17. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE THIRD TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE D864 AND FORWARD LIGHT D533 PALLET UNITS, BACK DOWN TO THE SEVENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. REPEAT WITH ANOTHER WEB STRAP TIEDOWN ASSEMBLY, STARTING AT THE SEVENTH ANCHOR ON THE FIRST SIDE OF THE CROP AND ENDING AT THE THIRD ANCHOR ON THE OPPOSITE SIDE OF THE CROP.

18. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE FIFTEENTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE D864 PALLET UNITS, AROUND THE PALLET POSTS OF THE LIGHT COMBINATION N289/N523 PALLET UNIT, AND BACK DOWN TO THE FIFTEENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. DO NOT INSTALL OVER THE HOLD-DOWN STRAP ATTACHED TO THE NINETEENTH TIEDOWN ANCHOR, THREAD BEHIND THIS STRAP, FLUSH AGAINST THE D864 PALLET UNIT.

19. NAIL THROUGH THE STRAP ATTACHMENT SLOT OF A HOLD-DOWN STRAP INTO EACH END OF THE SIDE BLOCKING ASSEMBLIES W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.

20. NAIL TWO 12d RETAINING NAILS THRU THE SLOTS IN THE AFT CROP END GATE INTO THE AFT FILLER ASSEMBLY, LEAVING THE NAIL HEADS PROTRUDING THRU THE SLOTS TO PROVIDE LATERAL RESTRAINT.

21. NAIL THE TWO REMAINING 12d RETAINING NAILS THRU THE HOLES IN THE FORWARD CROP END GATE INTO THE FORWARD FILLER PIECES, LEAVING THE NAIL HEADS PROTRUDING THRU THE HOLES TO PROVIDE LATERAL AND VERTICAL RESTRAINT.

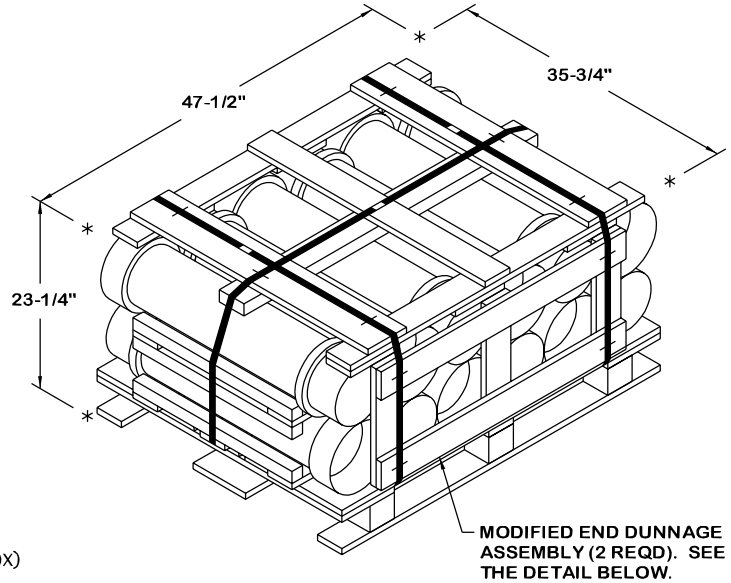


D533 PALLET UNIT DETAIL

24 CONTAINERS OF PROPELLING CHARGES (1 PER PA37 CONTAINER) AT 42 LBS	1,008 LBS (APPROX)
DUNNAGE	87 LBS
PALLET	65 LBS
TOTAL WEIGHT	1,160 LBS (APPROX)
CUBE	37.8 CU FT (APPROX)

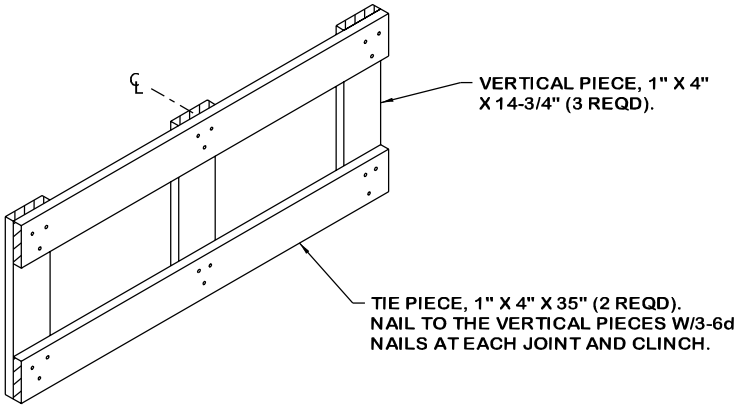
THE LIGHT D533 PALLET UNIT DEPICTED AT RIGHT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED IN THE CHART ON PAGE 4 WITH THE FOLLOWING CHANGES:

1. **ELIMINATE TWO LAYERS OF CONTAINERS (12 CONTAINERS).**
2. **ELIMINATE TWO INTERMEDIATE DUNNAGE ASSEMBLIES.**
3. **MODIFY THE END DUNNAGE ASSEMBLIES AS DEPICTED BELOW.**
4. **REDUCE THE BUNDLING STRAP LENGTH TO 12'-0".**
5. **REDUCE THE TIEDOWN STRAP LENGTH TO 10'-0".**

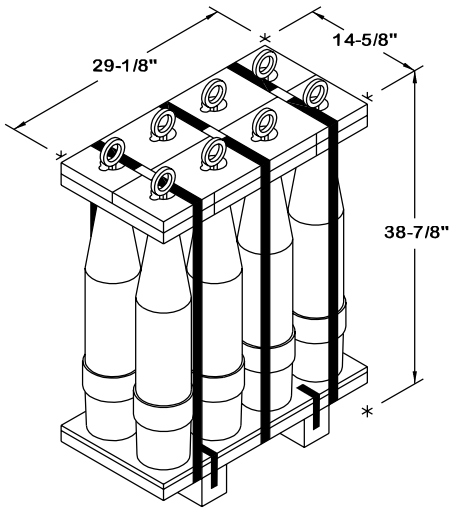


LIGHT D533 PALLET UNIT DETAIL

12 CONTAINERS OF PROPELLING CHARGES (1 PER PA37 CONTAINER) AT 42 LBS	504 LBS (APPROX)
DUNNAGE	52 LBS
PALLET	65 LBS
TOTAL WEIGHT	621 LBS (APPROX)
CUBE	22.8 CU FT (APPROX)

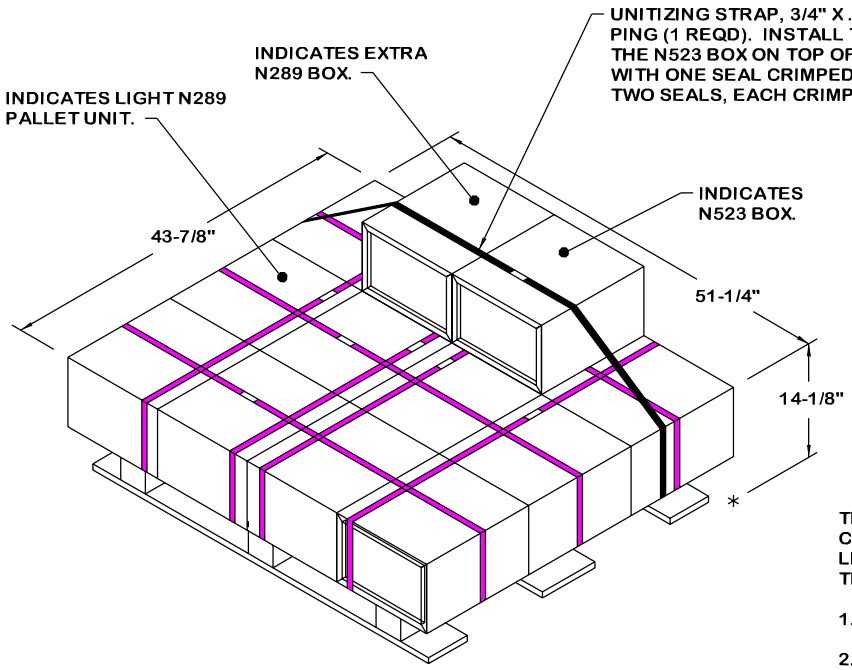


MODIFIED END DUNNAGE ASSEMBLY



D864 PALLET UNIT DETAIL

8 155MM CTG AT 105-3/4 LBS	846 LBS (APPROX)
DUNNAGE AND PALLET	28 LBS
TOTAL WEIGHT	874 LBS (APPROX)
CUBE	9.6 CU FT (APPROX)



SPECIAL NOTE:

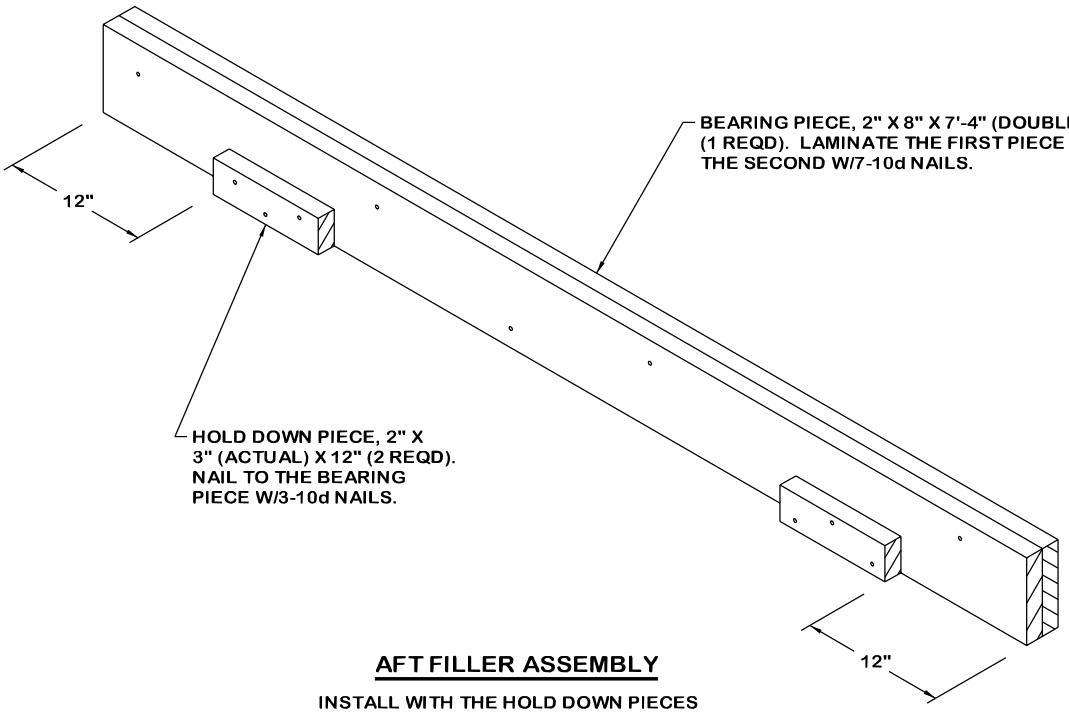
ALIGN THE TWO EXTRA BOXES WITH THE OUTER CENTER BOXES ON THE PALLET UNIT. INSTALL THE UNITIZATION STRAP OVER THE TWO BOXES, TOWARDS THE CENTER OF THE PALLET UNIT, AS SHOWN ABOVE.

THE LIGHT N289 PALLET UNIT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED IN THE CHART ON PAGE 4 WITH THE FOLLOWING CHANGES:

1. ELIMINATE TWO LAYERS OF BOXES (24 BOXES).
2. REDUCE THE TIEDOWN STRAP LENGTH TO 9'-10".
3. REDUCE THE LOAD STRAP LENGTH TO 11'-1".

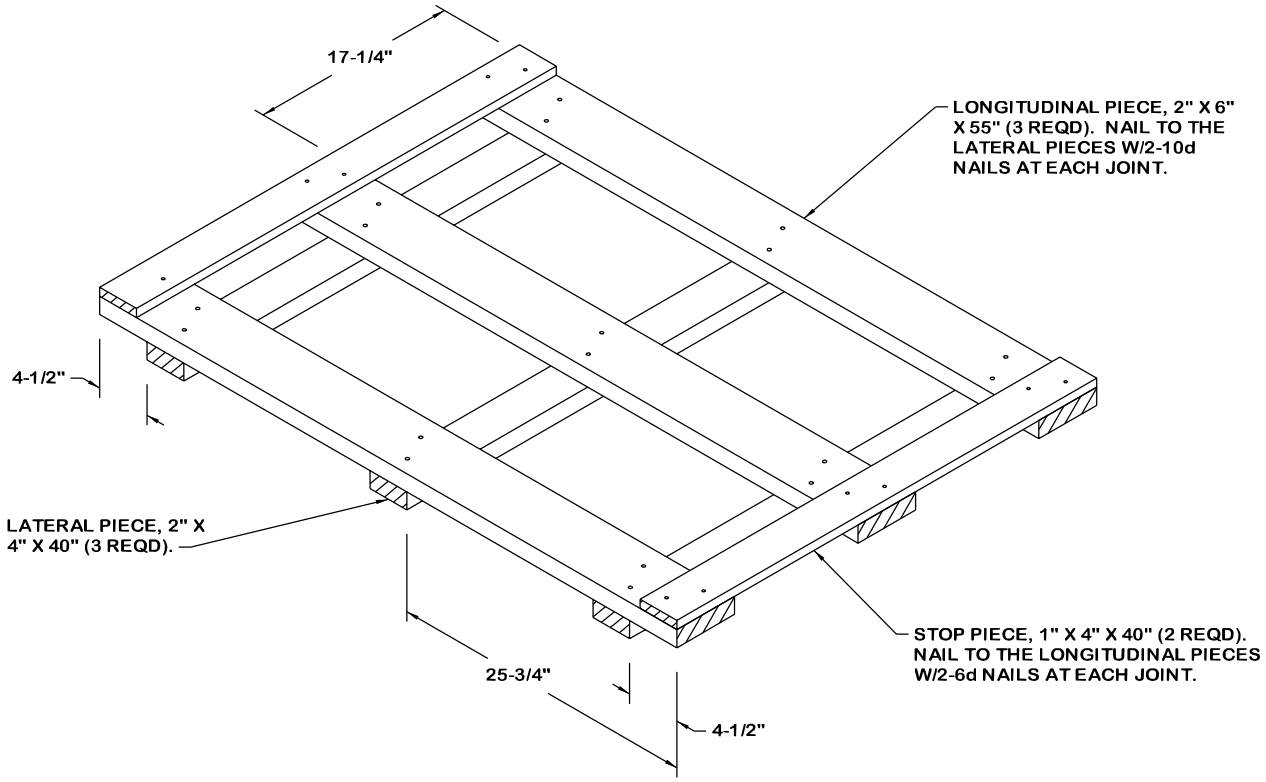
LIGHT N289/N523 COMBINATION PALLET UNIT DETAIL

13 BOXES OF FUZES (16 PER BOX) AT 40 LBS	480 LBS (APPROX)
1 LIGHT BOX OF PRIMERS (200 PER BOX) AT 25 LBS	25 LBS (APPROX)
DUNNAGE	9 LBS
PALLET	80 LBS
TOTAL WEIGHT	594 LBS (APPROX)
CUBE	29.7 CU FT (APPROX)



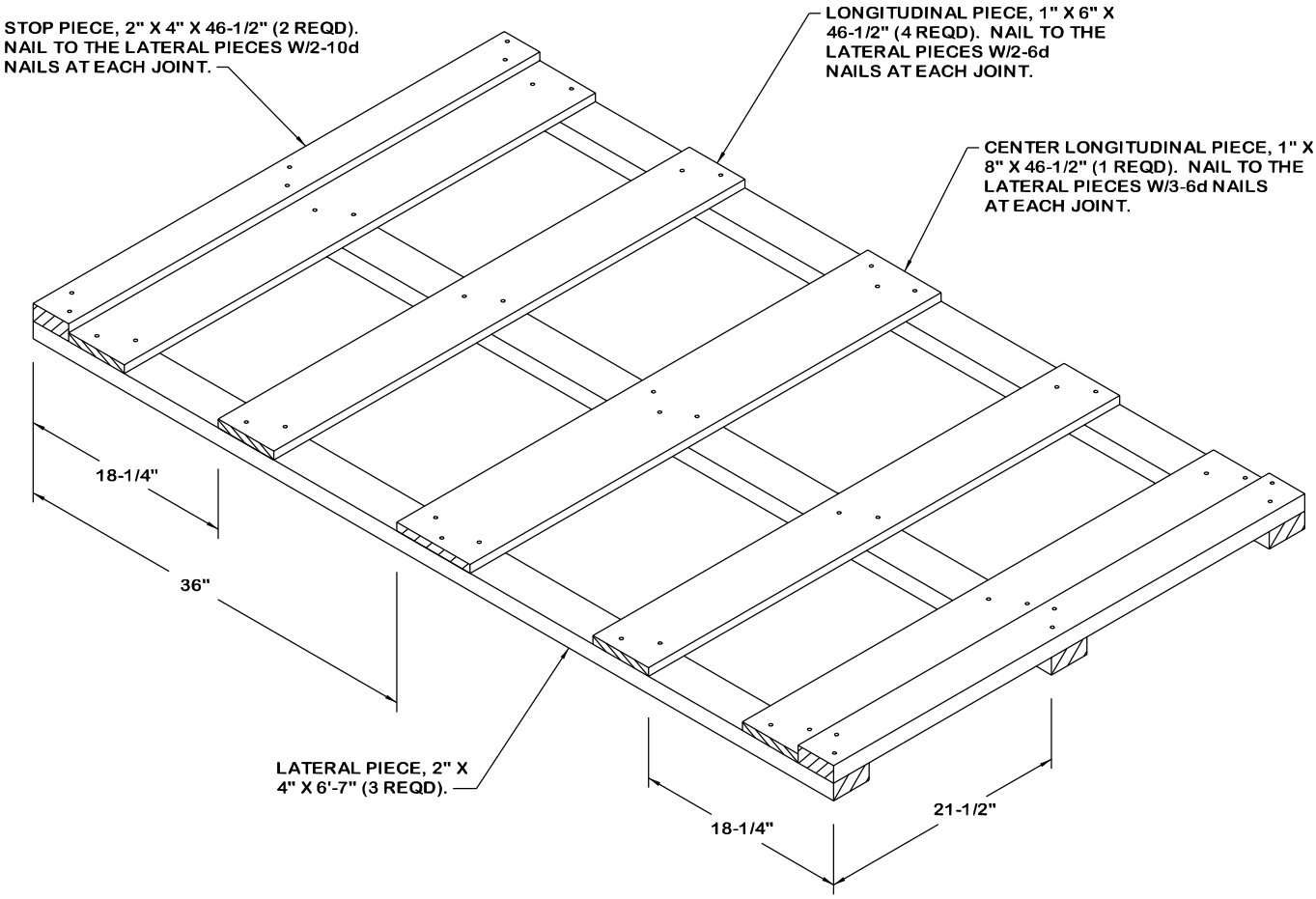
AFT FILLER ASSEMBLY

INSTALL WITH THE HOLD DOWN PIECES TOWARDS THE LADING.



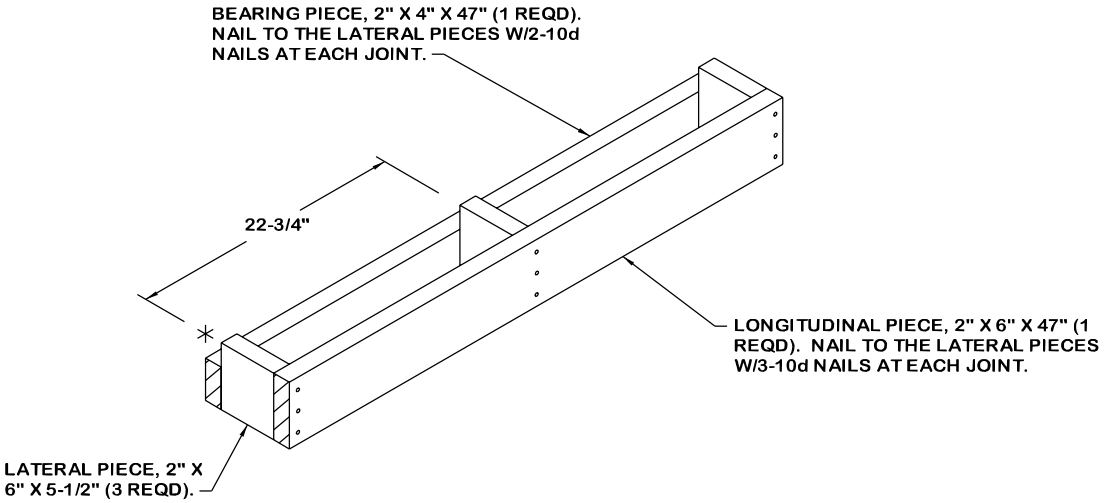
PALLET SUPPORT ASSEMBLY A

NOTE: THE LONGITUDINAL PIECES MUST NOT CONTACT THE TOP OF THE LIFTING RINGS OF THE D864 PALLET UNITS. IF THE SINGLE 2" X 4" LATERAL PIECES DO NOT PROVIDE SUFFICIENT CLEARANCE FOR THE D864 LIFTING RINGS, ADDITIONAL PIECES MAY BE ADDED. LAMINATE AN ADDITIONAL 1" OR 2" PIECE TO EACH LATERAL PIECE AS NEEDED TO CLEAR THE LIFTING RINGS.



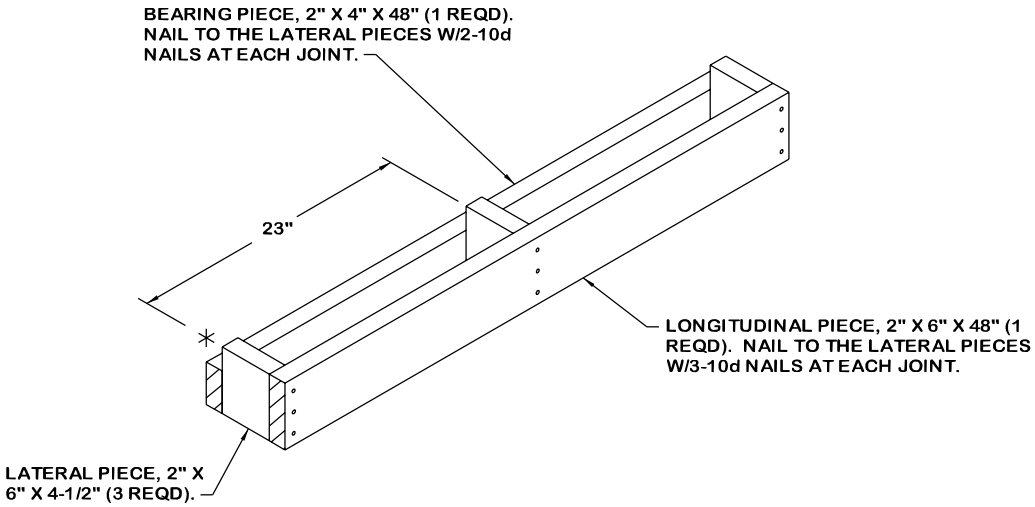
PALLET SUPPORT ASSEMBLY B

NOTE: THE LONGITUDINAL PIECES MUST NOT CONTACT THE TOP OF THE LIFTING RINGS OF THE D864 PALLET UNITS. IF THE SINGLE 2" X 4" LATERAL PIECES DO NOT PROVIDE SUFFICIENT CLEARANCE FOR THE D864 LIFTING RINGS, ADDITIONAL PIECES MAY BE ADDED. LAMINATE AN ADDITIONAL 1" OR 2" PIECE TO EACH LATERAL PIECE AS NEEDED TO CLEAR THE LIFTING RINGS.



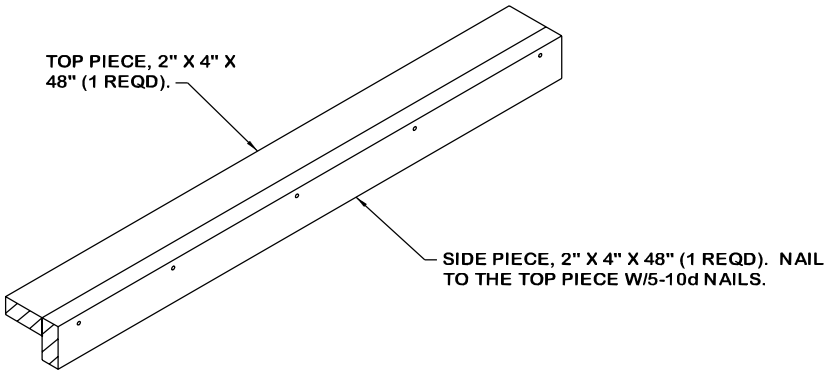
SIDE BLOCKING ASSEMBLY A

INSTALL WITH THE BEARING PIECE AGAINST THE LADING.



SIDE BLOCKING ASSEMBLY B

INSTALL WITH THE BEARING PIECE AGAINST THE LADING.



STRAPPING BOARD ASSEMBLY