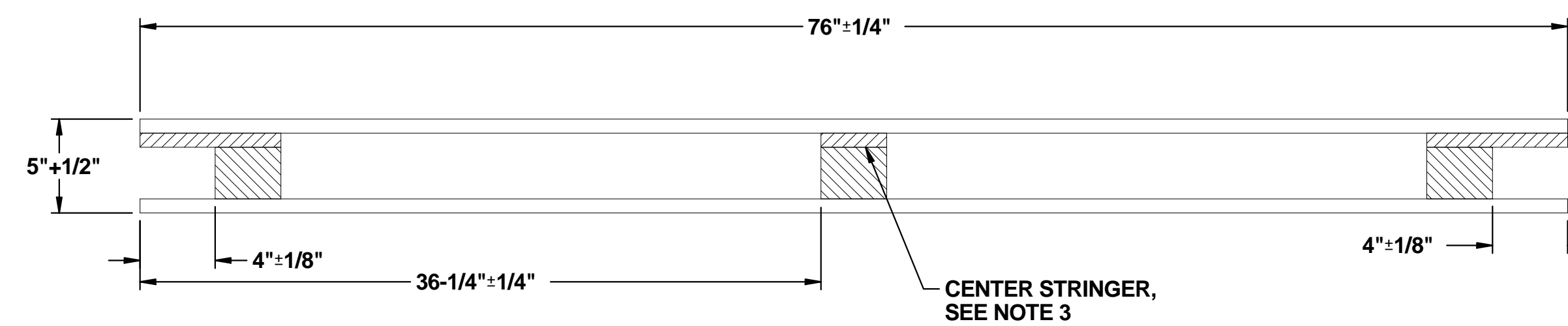


NOTES:

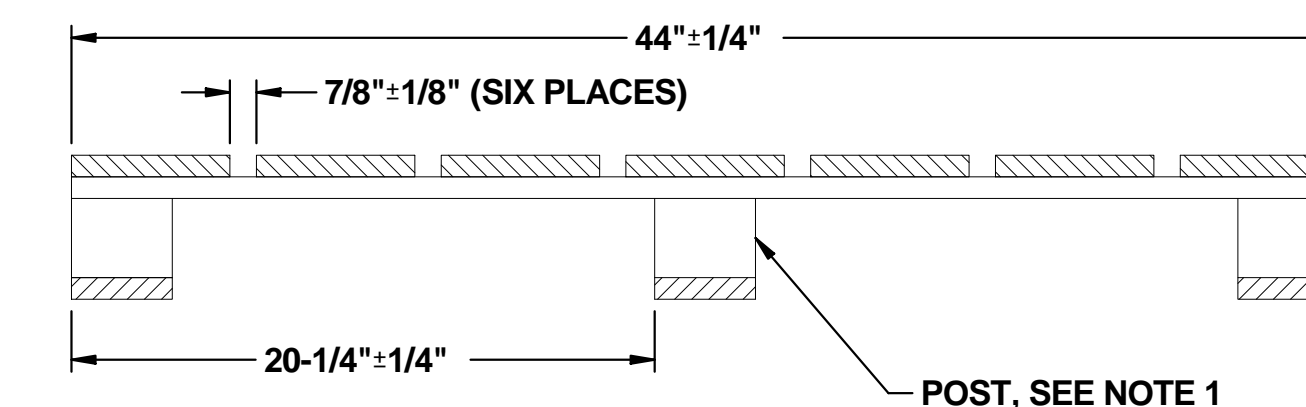
- POST, 4" WIDE X 2-3/4" HIGH X 3-1/2" LONG (9 REQD).
- OUTER STRINGER, 1" X 8" X 44" (2 REQD).
- CENTER STRINGER, 1" X 4" X 44" (1 REQD).
- TOP DECK BOARD, 1" X 6" X 76" (7 REQD). NAIL OUTSIDE AND CENTER DECK BOARDS THRU THE STRINGERS INTO THE POSTS W/3-F1667-NLPL-10 NAILS AT EACH LOCATION. NAIL OTHER DECK BOARDS TO THE STRINGERS W/3-F1667-NLPL-01 OR -02 NAILS, AT EACH LOCATION.
- RUNNER, 1" X 4" X 76" (3 REQD). NAIL TO THE POSTS W/3-F1667-NLPL-04 NAILS AT EACH JOINT.
- THE LETTERS "PA" DENOTING PQ56 (COPPER-8-QUINOLINOLATE), "PB" DENOTING M-GARD W550 (ZINC NAPHTHENATE EMULSIFIABLE), "PC" DENOTING M-GARD W510 OR CUNAPSOL (COPPER NAPHTHENATE), "PE" DENOTING TANALITH E OR TANALITH E3492 (COPPER CARBONATE), MUST BE APPLIED TO A PRESERVATIVE TREATED PALLET. THE LETTERS WILL BE AT LEAST ONE-INCH HIGH AND WILL BE APPLIED ON THE OUTER FACE OF THE CENTER PALLET POST ON THE 76" SIDES OF THE PALLET. SEE MIL-DTL-15011.
- ALL NON-MANUFACTURED WOOD USED IN THE PALLET WILL BE HEAT TREATED AND MARKED TO SHOW CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD (IPPC), ISPM-15. SEE DAC DRAWING ACV00831 FOR ISPM-15 CERTIFICATION MARKING AND PLACEMENT DETAILS.
- THE WOOD GROUPS AS IDENTIFIED WITHIN THE TABLES ARE ONLY APPLICABLE TO THE PROCEDURES CONTAINED WITHIN THIS DOCUMENT. THE WOOD GROUPS AS SPECIFIED IN THE TABLES OF THIS DOCUMENT ARE TO BE USED INSTEAD OF THE WOOD GROUPS CONTAINED IN ASTM D6199; HOWEVER, ALL OTHER REQUIREMENTS SPECIFIED WITHIN ASTM D6199 PERTAINING TO THE WOODS USED IN PALLET CONSTRUCTION ARE TO BE FOLLOWED.
- PALLET IS FOR USE WITH HELLFIRE SEALED CONTAINER.
- THE PALLET AS DETAILED AT RIGHT IS IDENTIFIED BY NSN 3990-01-561-9303. AN ALTERNATE NAILING PATTERN IS APPROVED AND IS DEPICTED ON PAGE 2. PALLETS NAILED AS DELINEATED ON PAGE 2 DO NOT CURRENTLY HAVE NSNs ASSIGNED.

REVISION			APPROVED	
LTR.	DESCRIPTION	ENGR.	BY	DATE
-	PRODUCT BASELINE ECP R07K3001 / 07-02-02	AF	FIEFFER	070814
A	ADD NOTE 10 AND PAGE 2 WITH ALTERNATE NAILING	QT	FIEFFER	151029

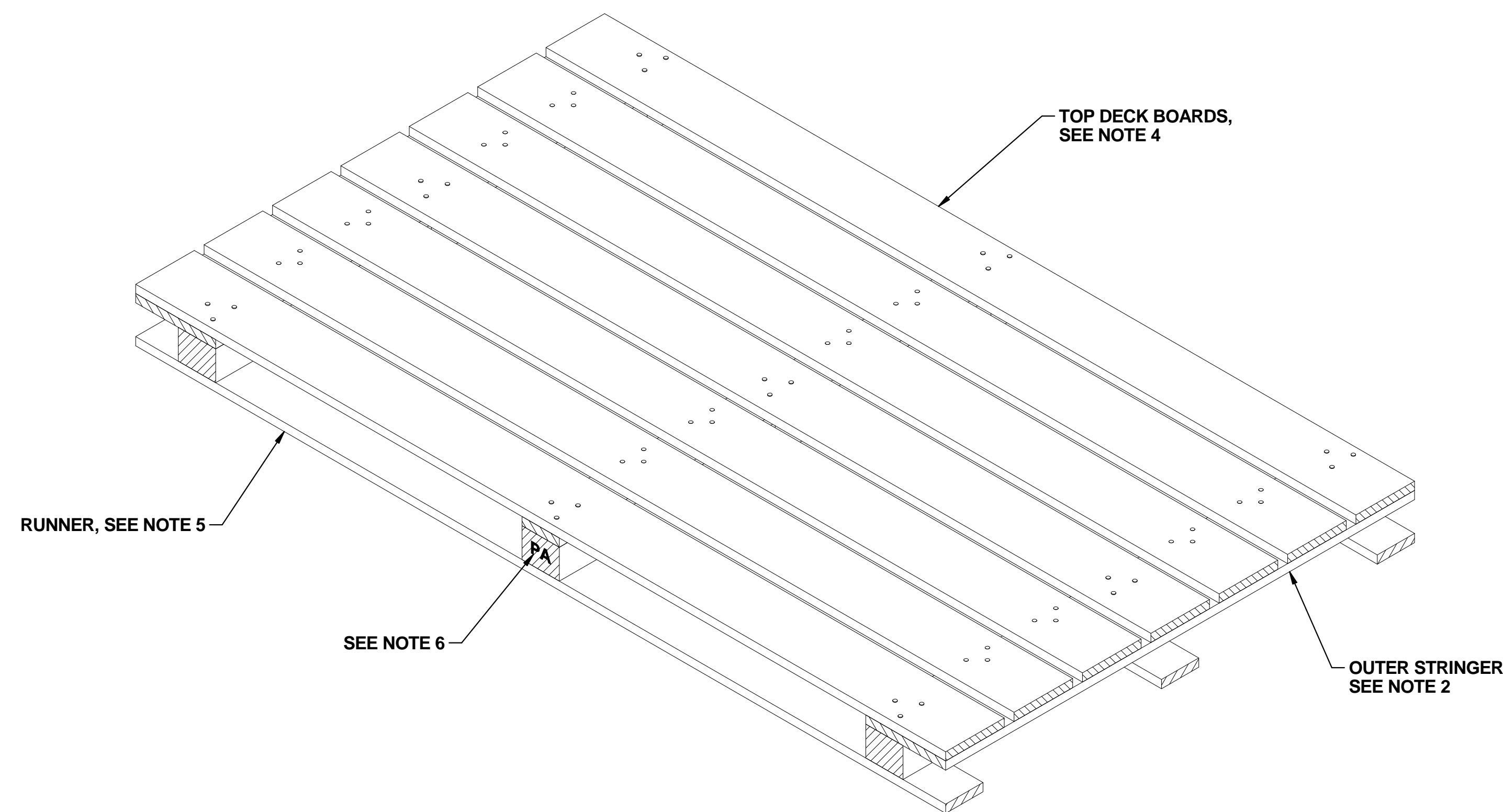
CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

PART NAME AND WOOD GRADE	SPECIFICATION NO.
POST, GROUP III	ASTM D6199
OUTER STRINGERS, GROUP II OR III	ASTM D6199
CENTER STRINGER, GROUP II OR III	ASTM D6199
TOP DECK BOARD, GROUP II OR III	ASTM D6199
RUNNER, GROUP III	ASTM D6199
NAILS	ASTM F1667

WOOD PRESERVATIVE, PQ56 (COPPER-8-QUINOLINOLATE), M-GARD W550 (ZINC NAPHTHENATE EMULSIFIABLE), M-GARD W510 OR CUNAPSOL (COPPER NAPHTHENATE), TANALITH E OR TANALITH E3492 (COPPER CARBONATE), SEE NOTE 6 ON THIS PAGE.

WOOD GROUPS		
GROUP I	GROUP II	GROUP III
TAMARACK FIR, SILVER HEMLOCK, WESTERN PINE, ALASKA FIR, DOUGLAS HEMLOCK, EASTERN MAGNOLIA CEDAR ASPEN LARCH, WESTERN SPRUCE CHESTNUT COTTONWOOD FIR, WHITE PINE, PONDEROSA	ELM, AMERICAN ASH (EXCEPT WHITE) GUM PINE, SOUTHERN YELLOW YELLOW MAPLE, SOFT LARCH, WESTERN FIR, DOUGLAS (COAST) SYCAMORE TUPELO, WATER	HICKORY PECAN BIRCH, SWEET OR YELLOW ELM, ROCK HACKBERRY MAPLE, HARD ASH, WHITE BEECH LOCUST OAK

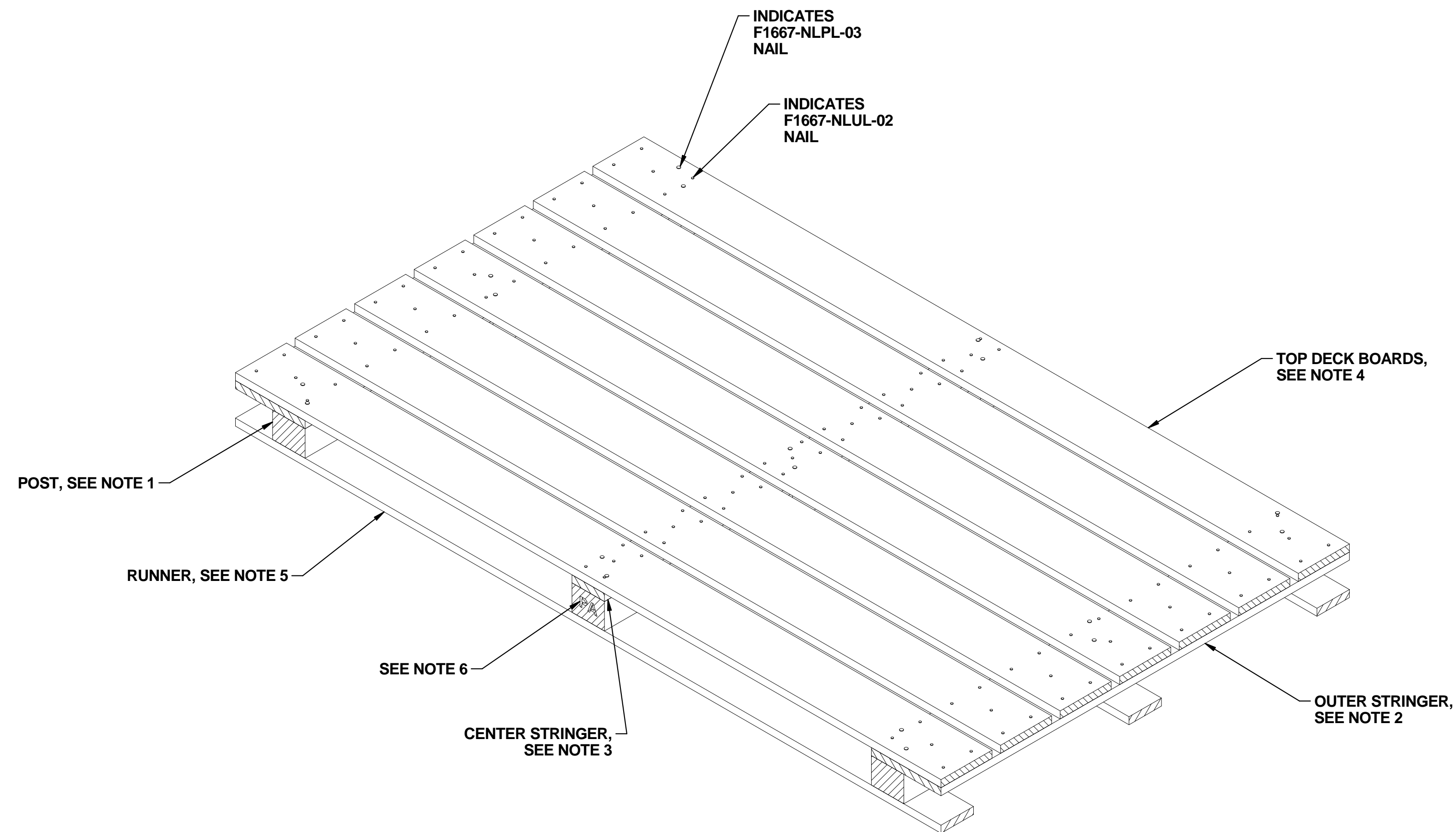
REVISION STATUS OF SHEETS	
SHEET	REVISION
1 OF 3	A
2 OF 3	A

DISTRIBUTION STATEMENT A.
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES		DATE 08-14-07	PROJECT ENGINEER Adin Feliciano	DESIGN ACTIVITY U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCLESTER, OKLAHOMA 74501-9053
TOLERANCES: XX XXX ±.01 ±.005 ±0°15' ±1/8		TEST REPORT	TEST ENGINEER Phil Barickman	PALLET, SPECIAL, HELLFIRE, 76" X 44", WOOD
MATERIAL SEE PART NAME AND WOOD GRADE TABLE ON THIS PAGE		SUBMITTED BY Laurie Fieffer CHIEF, TRANSPORTATION ENGINEERING DIVISION Jerry W. Beaver ASSOCIATE DIRECTOR FOR ENGINEERING DIRECTORATE		
REMOVE ALL BURRS AND SHARP EDGES 010 R OR CHAMFER MAX.		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND Gary B. Carney DEFENSE AMMUNITION CENTER	SCALE: D CAGE: 28620 DRAWING No.: ACV00820 REV.: A SHEET: 1 OF 1	
19-48-5250	HELLFIRE	NEXT ASSEMBLY	USED ON	APPLICATION

NOTES:

1. POST, 4" WIDE X 2-3/4" HIGH X 3-1/2" LONG (9 REQD).
2. OUTER STRINGER, 1" X 8" X 44" (2 REQD).
3. CENTER STRINGER, 1" X 4" X 44" (1 REQD). NAIL TO POSTS W/2-F1667-NLPL-03 NAILS AT EACH LOCATION.
4. TOP DECK BOARD, 1" X 6" X 76" (7 REQD). NAIL ALL DECK BOARDS TO THE STRINGERS W/5-F1667-NLUL-02 NAILS AT EACH LOCATION. ADDITIONALLY, NAIL OUTSIDE AND CENTER DECK BOARDS THRU THE STRINGERS INTO THE POSTS W/2-F1667-NLPL-08 OR -10 NAILS AT EACH LOCATION.
5. RUNNER, 1" X 4" X 76" (3 REQD). NAIL TO THE POSTS W/3-F1667-NLPL-04 NAILS AT EACH JOINT.
6. THE LETTERS "PA" DENOTING PQ56 (COPPER-8-QUINOLINOLATE), "PB" DENOTING M-GARD W550 (ZINC NAPHTHENATE EMULSIFIABLE), "PC" DENOTING M-GARD W510 OR CUNAPSOL (COPPER NAPHTHENATE), "PE" DENOTING TANALITH E OR TANALITH E3492 (COPPER CARBONATE), MUST BE APPLIED TO A PRESERVATIVE TREATED PALLET. THE LETTERS WILL BE AT LEAST ONE-INCH HIGH AND WILL BE APPLIED ON THE OUTER FACE OF THE CENTER PALLET POST ON THE 76" SIDES OF THE PALLET. SEE MIL-DTL-15011.
7. ALL NON-MANUFACTURED WOOD USED IN THE UNIT LOAD WILL BE HEAT TREATED AND MARKED TO SHOW CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD (IPPC), ISPM-15. SEE DAC DRAWING ACV00831 FOR ISPM-15 CERTIFICATION MARKING AND PLACEMENT DETAILS.
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9. PALLET IS FOR USE WITH HELLFIRE SEALED CONTAINER.
10. THE PALLET AS DETAILED AT RIGHT IS IDENTIFIED BY NSN 3990-01-561-9303. AN ALTERNATE NAILING PATTERN IS APPROVED AND IS DEPICTED ON PAGE 2. PALLETS NAILED AS DELINEATED ON PAGE 2 DO NOT CURRENTLY HAVE NSNs ASSIGNED.



ALTERNATE NAILING PATTERN

REFER TO PAGE 1 FOR DIMENSIONS

REVISION		APPROVED		
LTR.	DESCRIPTION	ENG.	BY	DATE
A	ADD NOTE 10 AND PAGE 2 WITH ALTERNATE NAILING	QT	FIEFFER	151029

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

DISTRIBUTION STATEMENT A.
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DATE	PROJECT ENGINEER	DESIGN ACTIVITY		
08-14-07	Adin Feliciano	U.S. ARMY COMBINED ARMS SUPPORT COMMAND DEFENSE AMMUNITION CENTER (DAC) MCALESTER, OKLAHOMA 74501-9053		
TEST REPORT	TEST ENGINEER			
	Phil Barickman			
SUBMITTED		PALLET, SPECIAL, HELLFIRE, 76" X 44", WOOD		
Laurie Fieffer CHIEF, TRANSPORTATION ENGINEERING DIVISION		SIZE	CAGE	DRAWING No.
Jerry W. Beaver ASSOCIATE DIRECTOR FOR ENGINEERING DIRECTORATE		D	28620	ACV00820
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIAL COMMAND		SCALE	UNIT WT	SHEET
Gary B. Carney DEFENSE AMMUNITION CENTER		###	## LBS	# OF #
				-