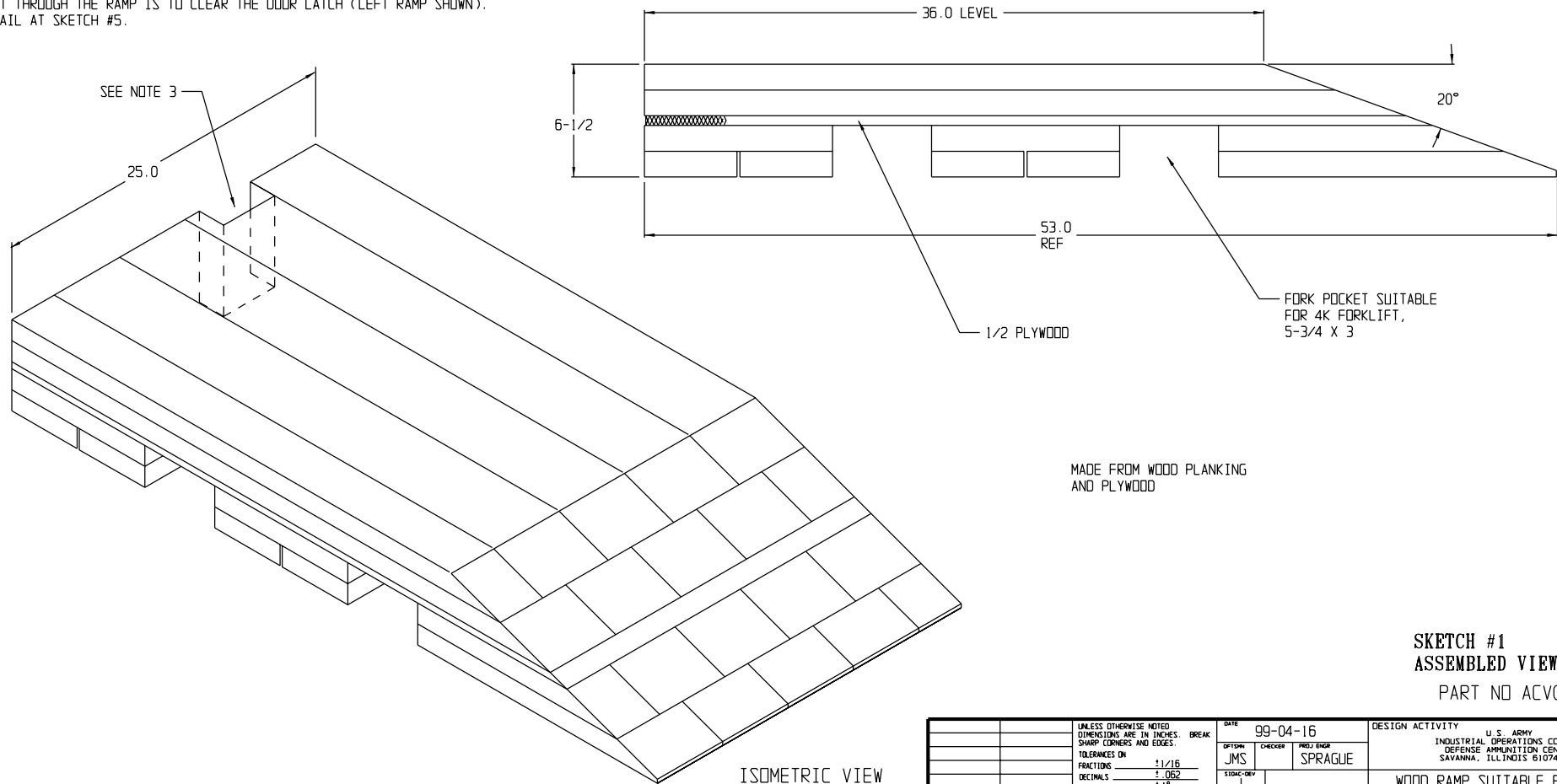


NOTES:

1. THIS RAMP IN A PAIR AS SHOWN ON SKETCH #2 IS SUITABLE FOR USE WITH THE PLS TRUCK UNLOADING OR LOADING CROP IN A FIELD ENVIRONMENT. THE 3 FOOT LEVEL-OFF ALLOWS THE ROLLERS TO BE DROPPED ONTO A SUPPORTING SURFACE OUTSIDE THE CONTAINER DOORS PRIOR TO ROLLING INSIDE. THIS IS ESPECIALLY BENEFITUAL WITH HIGH CROP LOADS THAT NEED TO BE LEVELED BY PLS TO CLEAR THE DOOR OPENING.
2. THE 20° RAMP IS THE SAME ANGLE USED IN A PREVIOUS STEEL WEDGE DESIGN WHICH WAS PROVEN COULD BE USED TO PUSH A LOADED CROP UP THE WEDGE INTO A CONTAINER USING PLS. THIS PROCEDURE WILL REQUIRE HAROSTAND OR AT LEAST PACKED GRAVEL (TO BE TESTED). THE RAMP ALSO PROTECTS THE CROP RUBBER BUMPERS FROM DAMAGE AS FULL EXTRACTION.
3. THE DESIGN PLACES THE PLYWOOD (REQUIRED FOR 6-1/2 INCH HEIGHT) IN THE BEST POSITION TO RESIST DETERIORATION DUE TO WEATHER. ALSO PLYWOOD WILL NOT WITHSTAND THE PRESSURE EXERTED BY THE ROLLERS. THIS DESIGN IS THE BEST COMBINATION OF LEVEL OFF PLATFORMS TRIED AT THE DEFENSE AMMUNITION CENTER.
4. THE SLOT THROUGH THE RAMP IS TO CLEAR THE DOOR LATCH (LEFT RAMP SHOWN). SEE DETAIL AT SKETCH #5.

		REVISION	
LTR	DESCRIPTION	DATE	APPROVED
-	PRODUCT BASELINE	99-04-16	



MADE FROM WOOD PLANKING AND PLYWOOD

SKETCH #1
ASSEMBLED VIEW OF RAMP
PART NO ACV00628-1

ISOMETRIC VIEW

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. BREAK SHARP CORNERS AND EDGES.		DATE	99-04-16	DESIGN ACTIVITY		U.S. ARMY INDUSTRIAL OPERATIONS COMMAND DEFENSE AMMUNITION CENTER SAVANNAH, ILLINOIS 61074-0639
TOLERANCES ON FRACTIONS	± 1/16	DESIGNED BY	JMS	CHECKED BY	INDL ENGR	SPRAGUE
DECIMALS	± .062	SUBMITTED BY		APPROVED BY	CHIEF, SUPPLY ENGINEERING DIV	
ANGLES	± 1°	APPROVED BY		CHIEF, LOGISTICS ENGINEERING OFFICE		
MATERIAL		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)		SIZE	CAGE CODE	ACV00628
NEXT ASSY	USED ON	APPLICATION		SCALE	5/16	UNIT WT
						SHEET 1 OF 5

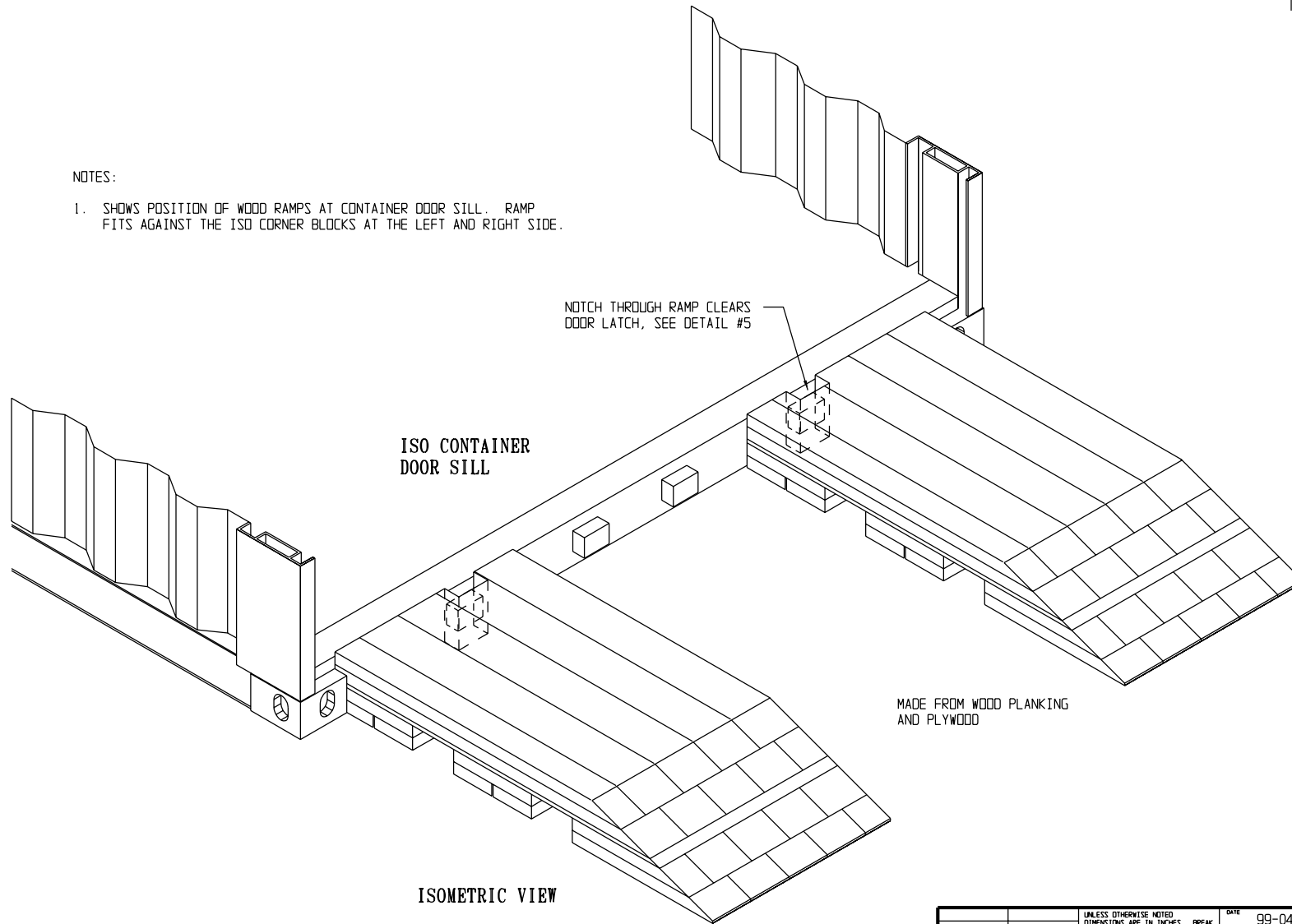
DISTRIBUTION STATEMENT A.

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DISTRIBUTION IS UNLIMITED.

		REVISION	
LTR	DESCRIPTION	DATE	APPROVED
-	PRODUCT BASELINE	99-04-16	

NOTES:

1. SHOWS POSITION OF WOOD RAMPS AT CONTAINER DOOR SILL. RAMP FITS AGAINST THE ISO CORNER BLOCKS AT THE LEFT AND RIGHT SIDE.



ISOMETRIC VIEW

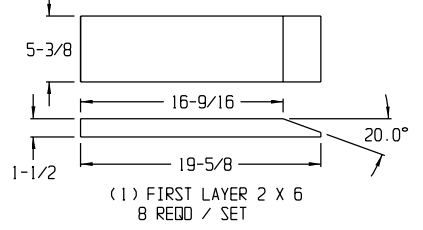
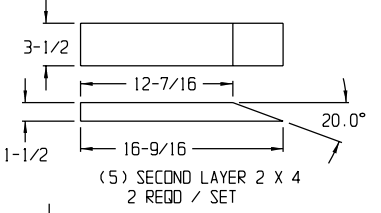
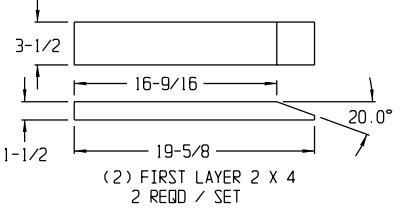
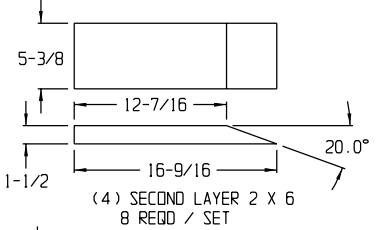
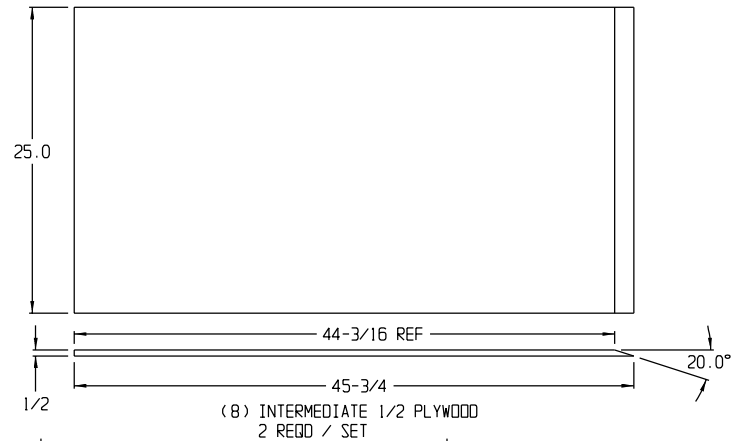
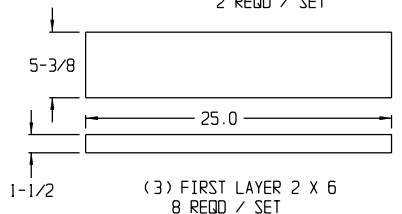
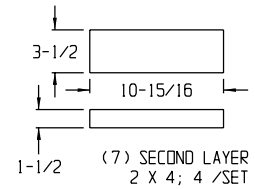
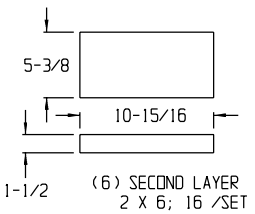
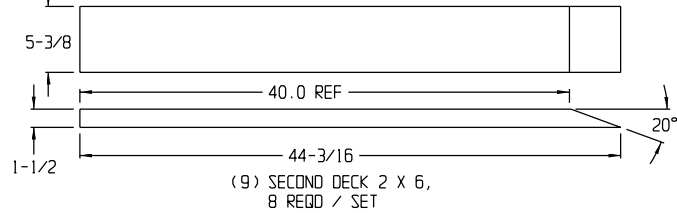
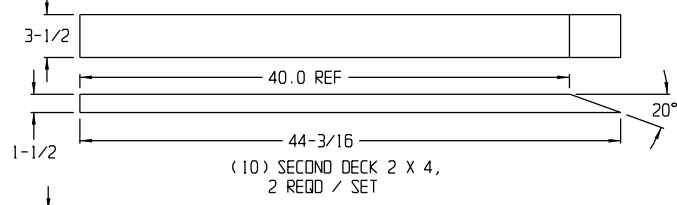
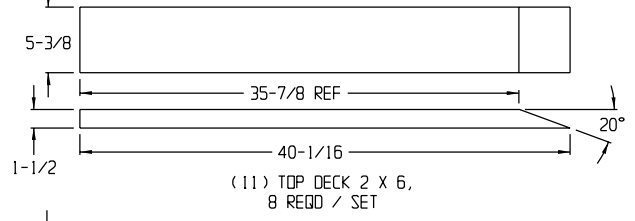
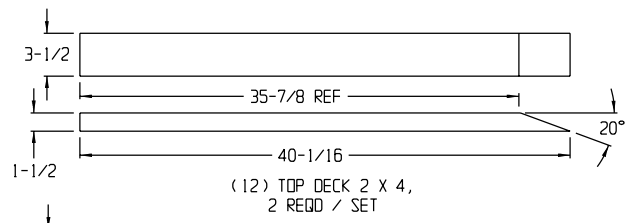
SKETCH #2
RAMPS IN POSITION
PART NO ACV00628-1

		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. BREAK SHARP CORNERS AND EDGES.	DATE 99-04-16	DESIGN ACTIVITY U.S. ARMY INDUSTRIAL OPERATIONS COMMAND DEFENSE AMMUNITION CENTER SAVANNAH, ILLINOIS 61074-9639	
		TOLERANCES ON FRACTIONS $\pm 1/16$ DECIMALS $\pm .002$ ANGLES $\pm 1^\circ$	DESIGNED BY JMS	CHECKED BY SPRAGUE	
		MATERIAL	SUBMITTED BY	CHIEF, SUPPLY ENGINEERING DIV	
			CHIEF, LOGISTICS ENGINEERING OFFICE		WOOD RAMP SUITABLE FOR CROP LOADING / UNLOADING USING PLS TRUCK IN FIELD ENVIRONMENT
			APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)		SIZE D 28620 ACV00628
NEXT ASSY	USED ON				SCALE 3/16 UNIT WT SHEET 2 OF 5
APPLICATION					U.S. ARMY DEFENSE AMMUNITION CENTER

DISTRIBUTION STATEMENT A.

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DISTRIBUTION IS UNLIMITED.

		REVISION	
LTR	DESCRIPTION	DATE	APPROVED
-	PRODUCT BASELINE	99-04-16	

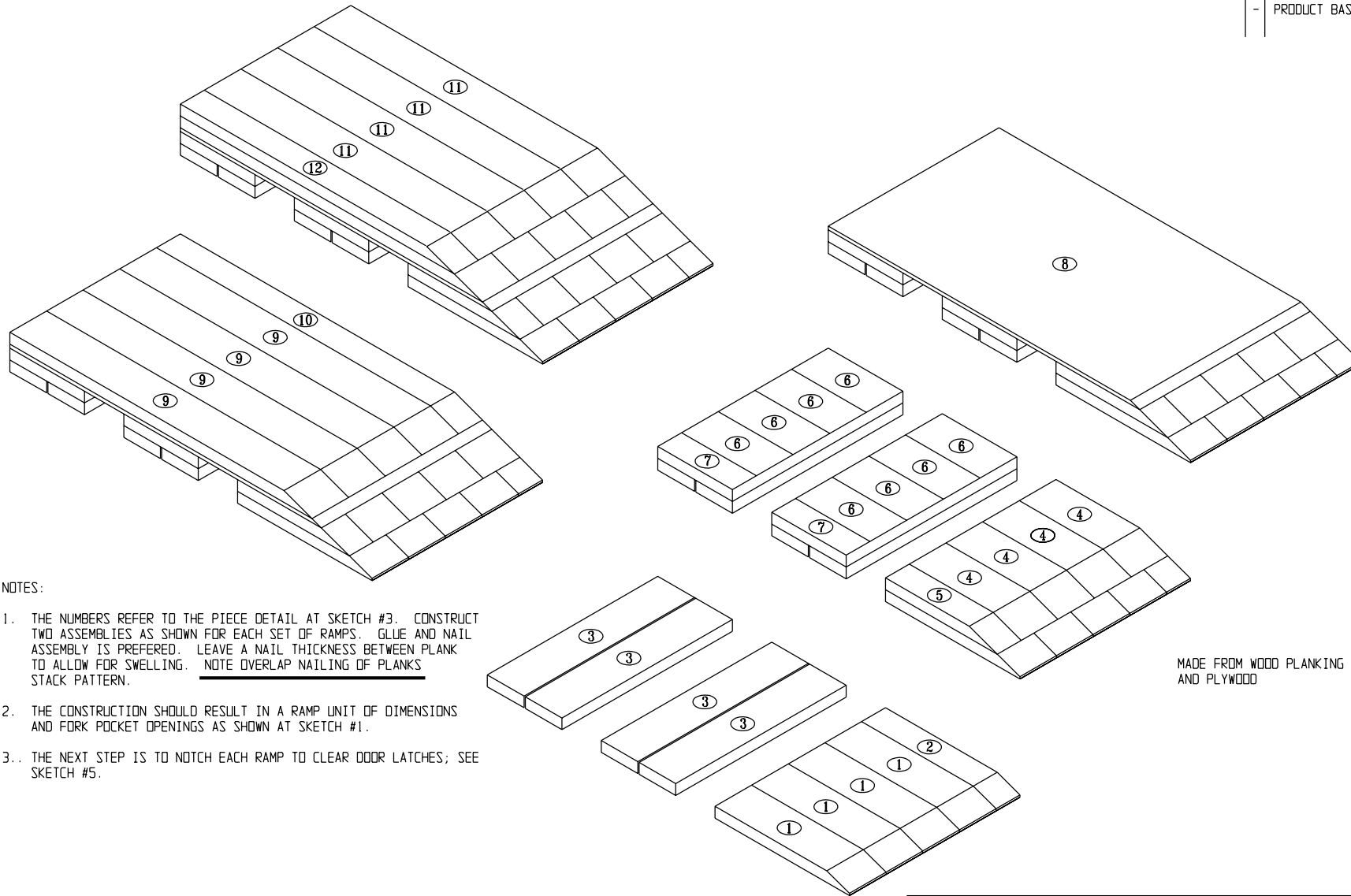


SKETCH #3
PARTS DETAIL
PART NO ACV00628-1

DISTRIBUTION STATEMENT A.
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DISTRIBUTION IS UNLIMITED.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. BREAK SHARP CORNERS AND EDGES.		DATE	99-04-16	DESIGN ACTIVITY	U.S. ARMY INDUSTRIAL OPERATIONS COMMAND DEFENSE AMMUNITION CENTER SAVANNAH, ILLINOIS 61074-9639
TOLERANCES ON	FRACTIONS	DECIMALS	ANGLES	APPROVED BY	GENERAL: U.S. ARMY MATERIEL COMMAND (AMC)
	1/16	0.002	1°	CHEF, SUPPLY ENGINEERING DIV	
MATERIAL		SUBMITTED		CHIEF, LOGISTICS ENGINEERING OFFICE	
NEXT ASSY		USED ON		SCALE	
APPLICATION				SIZE	D 28620
				CAGE CODE	ACV00628
				UNIT WT	
				SHEET	3 OF 5

		REVISION	
LTR	DESCRIPTION	DATE	APPROVED
-	PRODUCT BASELINE	99-04-16	



NOTES:

1. THE NUMBERS REFER TO THE PIECE DETAIL AT SKETCH #3. CONSTRUCT TWO ASSEMBLIES AS SHOWN FOR EACH SET OF RAMPS. GLUE AND NAIL ASSEMBLY IS PREFERRED. LEAVE A NAIL THICKNESS BETWEEN PLANK TO ALLOW FOR SWELLING. NOTE OVERLAP NAILING OF PLANKS STACK PATTERN.
2. THE CONSTRUCTION SHOULD RESULT IN A RAMP UNIT OF DIMENSIONS AND FORK POCKET OPENINGS AS SHOWN AT SKETCH #1.
3. THE NEXT STEP IS TO NOTCH EACH RAMP TO CLEAR DOOR LATCHES; SEE SKETCH #5.

MADE FROM WOOD PLANKING AND PLYWOOD

ISOMETRIC VIEW

SKETCH #4
CONSTRUCTION DETAIL
PART NO ACV00628-1

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. BREAK SHARP CORNERS AND EDGES.		DATE	99-04-16	DESIGN ACTIVITY	U.S. ARMY INDUSTRIAL OPERATIONS COMMAND DEFENSE AMMUNITION CENTER SAVANNAH, ILLINOIS 61074-0639
TOLERANCES ON FRACTIONS	± 1/16	DESIGNED BY	JMS	CHECKER	SPRAGUE
DECIMALS	± .062	SUBMITTED BY		CHIEF, SUPPLY ENGINEERING DIV	
ANGLES	± 1°	APPROVED BY		CHIEF, LOGISTICS ENGINEERING OFFICE	
MATERIAL		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)			
NEXT ASSY	USED ON	APPLICATION		SIZE	D 28620
				CAGE CODE	ACV00628
				SCALE	5/16 UNIT WT
					SHEET 4 OF 5

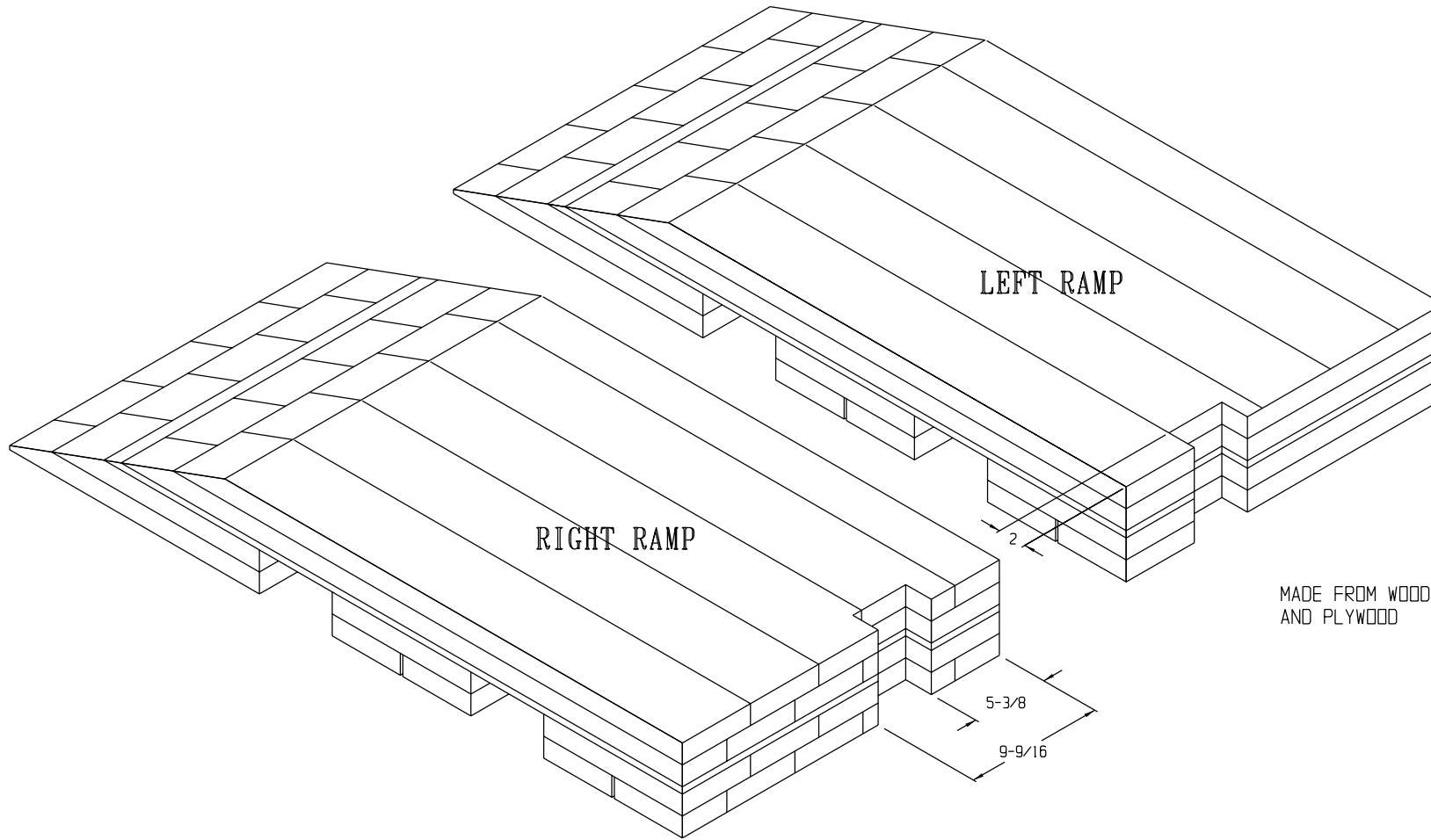
DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.

		REVISION	
LTR	DESCRIPTION	DATE	APPROVED
-	PRODUCT BASELINE	99-04-16	

NOTES:

1. THE NOTCH DIMENSIONS ARE THE SAME FOR EACH RAMP.
2. THE NOTCH THROUGH THE RAMP HAS THE ADVANTAGE OF NOT HANGING UP ON THE DOOR LATCH IF THE RAMP SINKS INTO THE GROUND. HANG-UP MAY BREAK OR BEND THE LATCH.



MADE FROM WOOD PLANKING AND PLYWOOD

ISOMETRIC VIEW

SKETCH #5
NOTCH DETAIL
PART NO ACV00628-1

DISTRIBUTION STATEMENT A.

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UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. BREAK SHARP CORNERS AND EDGES.		DATE	04-16-99		DESIGNER	S. R. KRUMHOLTZ	
TOLERANCES ON FRACTIONS	± 1/16	DRAWN	JMS		CHECKER	SPRAGUE	
DECIMALS	± .002	SUBMITTED					
ANGLES	± 1°	BY	CHIEF, SUPPLY ENGINEERING DIV.				
MATERIAL		APPROVED BY	CHIEF, LOGISTICS ENGINEERING OFFICE				
		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)					
NEXT ASSY	USED ON	SIZE		CAGE CODE		ACV00628	
APPLICATION		D 28620		SCALE		5/16 UNIT WT	
						SHEET 5 OF 5	