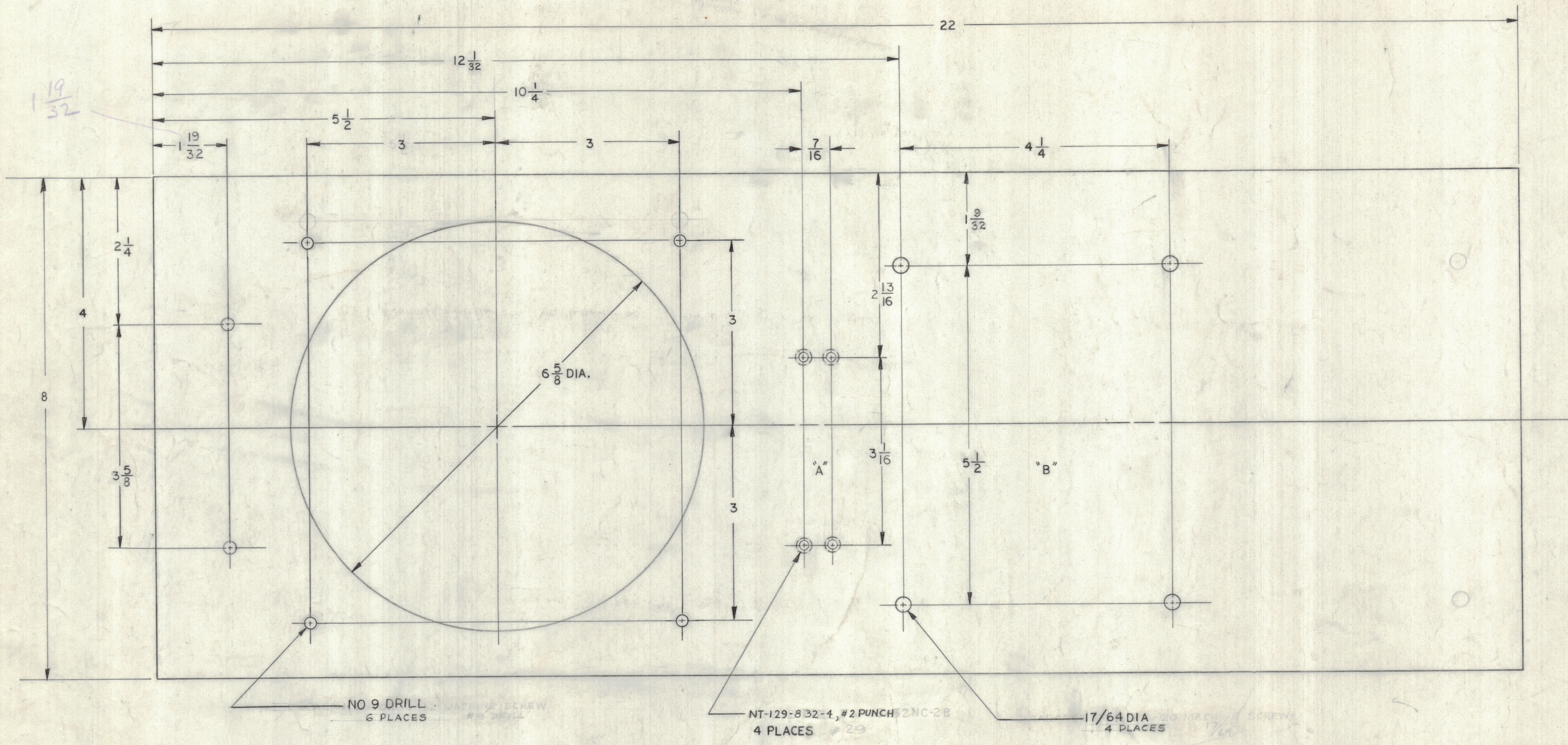


REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E. M. N. NO.	DRAFT	CHKD	APPD
A3	A	FINISH NOTE REVISED SEE ALSO SHEETS 2 THRU 9	18 MAR 68		PRR	REL	PRR
	X	DWG. NO WAS 40M12D7032	8-22-68		C. G. W.		
	Ø	ORIGINAL RELEASE FOR PRODUCTION	8-15-69		MTT		



NOTE: A FOR TERMINAL STRIP  
B FOR TRANSFORMER

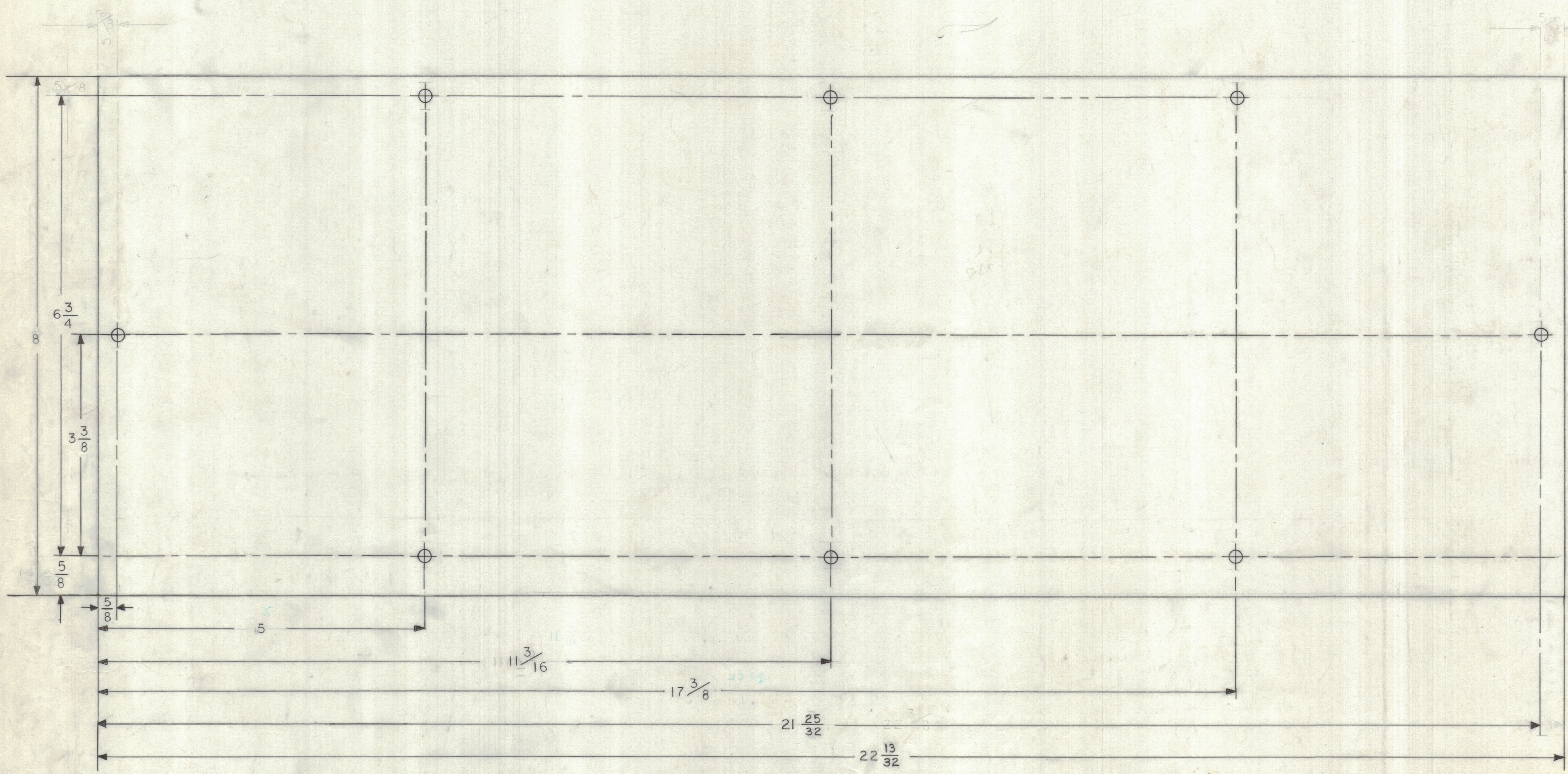
SHEET 8 OBSOLETE

1	SPT-3KVHF	API40
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL JFR	DATE 2-28-68
TOLERANCES ON		MECH. DES. JFR	DATE 12-27-67
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° -30'	ELECT. DES. JFR	DATE 8-11-69
MATERIAL 081 ALUM. ALLOY 6061-T6		CHECKED JFR	DATE 12-27-67
FINISH ETCH AND GOLD IRIDITE		DRAWN CR	DATE 12-27-67

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
BASE PLATE SCREEN SUPPLY				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
D	82679	40MMS8341	Ø	
SCALE 1:1				SHEET 1 OF 9

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A3	A	FINISH NOTE REVISED	3-15-68	—	REL	REL	REL
	X	DWG. No. WAS 40M12D7032	2-22-67	—	C. G. B.		
	Ø	ORIGINAL RELEASE FOR PRODUCTION	8-15-67	—	MJT		



NOTES:  
 NOTE 1 ALL HOLES NO 8 DRILL STUDS (Ø 3/16) (Ø 3/16)  
 2. ETCH AND GOLD IRIDITE BEFORE PAINTING  
 LEAVE 1/4" BORDER FREE OF PAINT ON FAR SIDE

1	SPT-3KVHF	API40
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

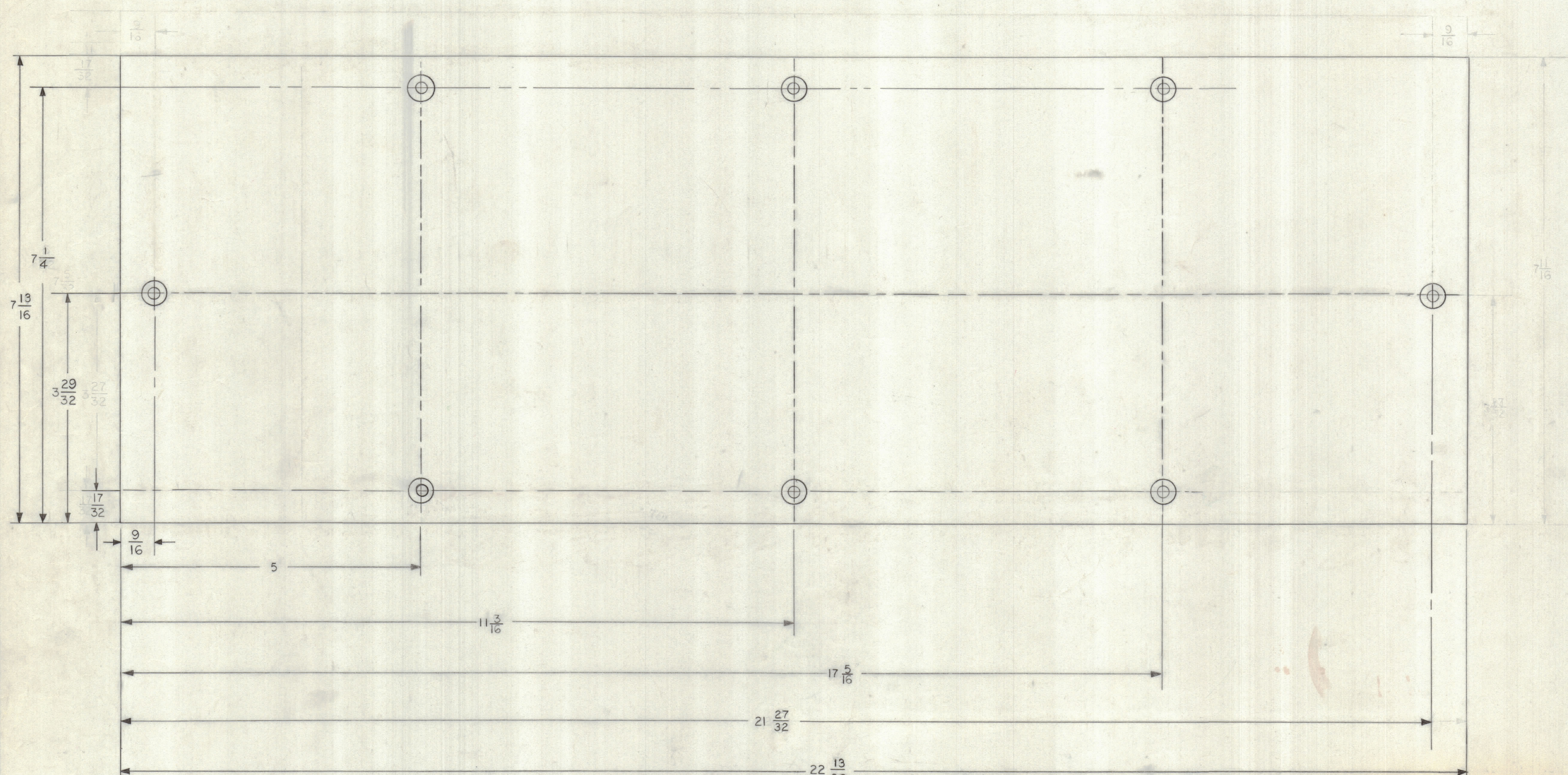
TOLERANCES ON

DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° -30'

MATERIAL  
 O51 ALUM. ALLOY 6061-T6  
 FINISH GREY VINYL CORITEX NO. 63K-L10744 PER TMC SPEC S-521 (SEE NOTE 2)

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
LEFT END PANEL ON SCREEN SUPPLY				
SIZE	CODE	IDENT. NO.	DWG. NO.	ISSUE
D	82679		40MS8341	Ø
SCALE 1/1				SHEET 2 OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
A7	A	FINISH NOTE REVISED	3-13-68	—	—	—
	X	DWG No. WAS. 40M12D7032	3-12-68	—	—	—
	φ	ORIGINAL RELEASE FOR PRODUCTION	8-15-69	—	—	—



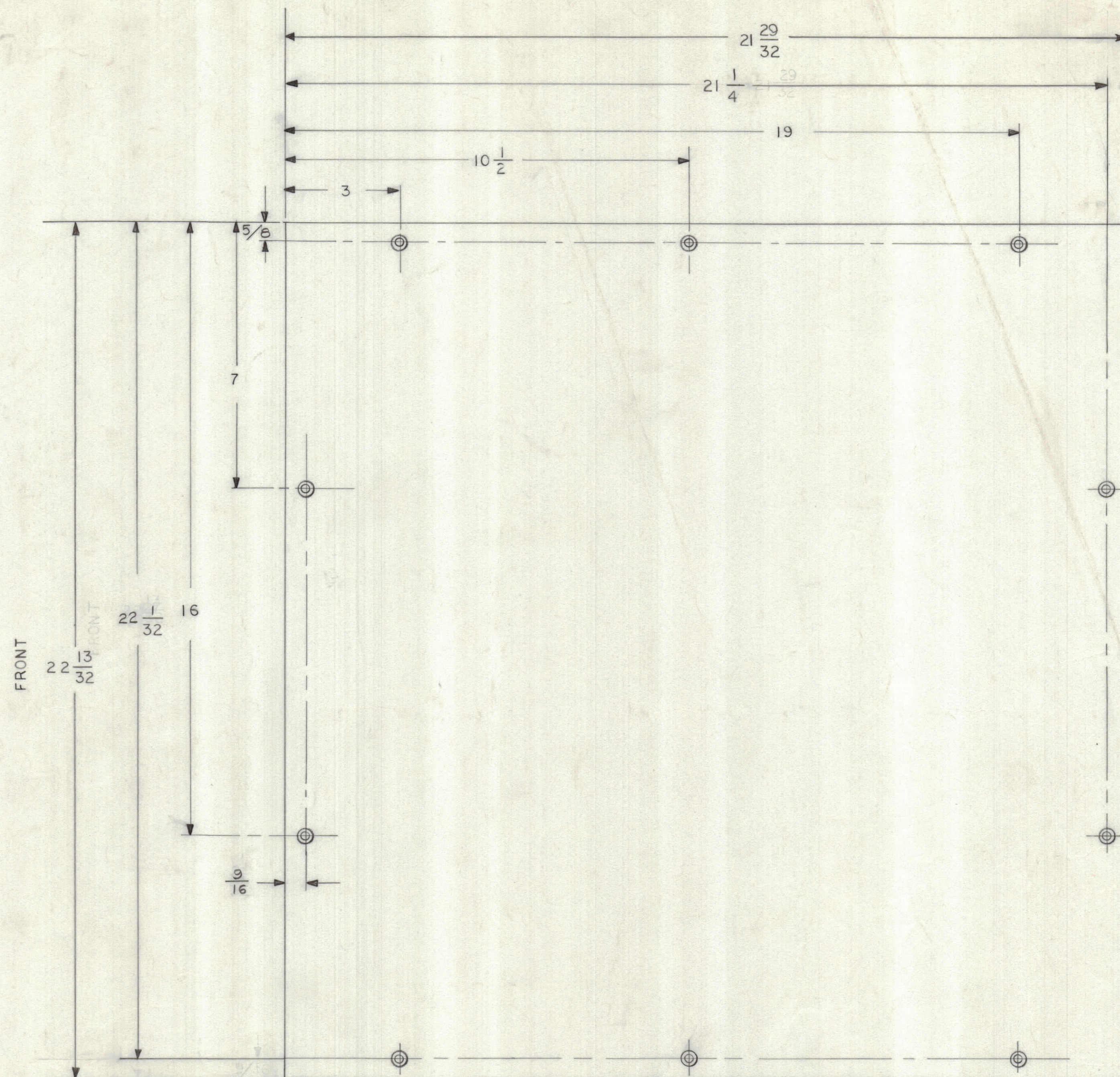
NOTE  
 1. ALL HOLES NO 8 DRILL, C'SK 82° TO .385 DIA  
 2. FINISH: ETCH AND GOLD IRIDITE, PAINT GREY VINYL CORITEX NO 63K-L10744 PER TMC SPEC S-521  
 BOTH SIDES AND EDGES LEAVING 1-1/4 BORDER FREE OF PAINT ON FAR SIDE

1	SPT-3KVHF	AP146
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° -30'

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
BACKSRIGHT END PANEL SCREEN SUPPLY				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
D	82679	40M12D7032	φ	
SCALE 1/1			SHEET 3	OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
A3	A	FINISH NOTE REVISED	3-15-68	-	REB	REB
	X	DWG. No WAS 40M12D7032	2-22-68	-	C. G. REB	
	Ø	ORIGINAL RELEASE FOR PRODUCTION	8-15-69	-	MIT	



- NOTES:
1. ALL HOLES NO 8 DRILL, C'SK 82° TO .385 DIA
  2. ETCH AND GOLD IRIDITE BEFORE PAINTING  
LEAVE 1/4" BORDER FREE OF PAINT FAR SIDE

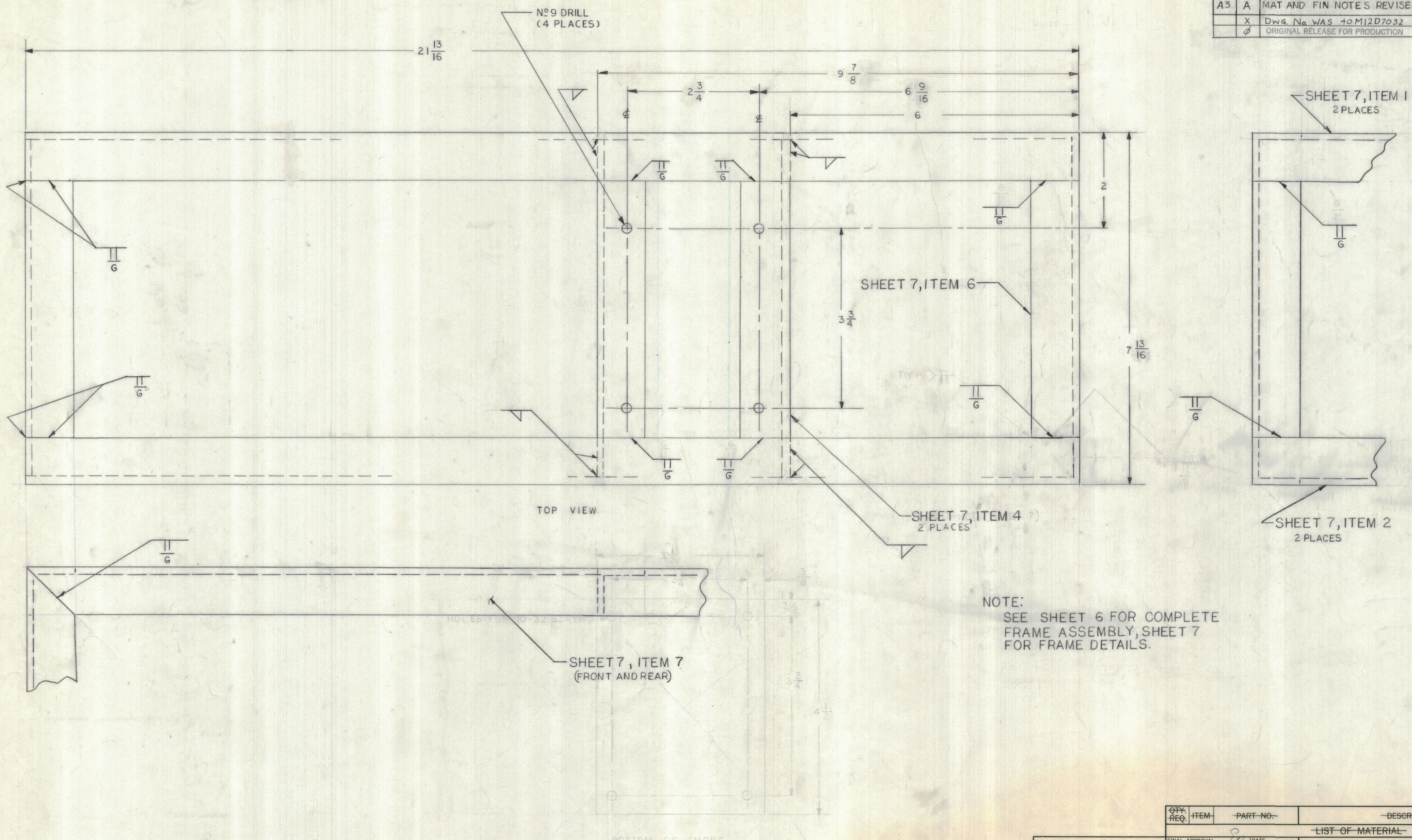
NOTES:  
1. HOLE FOR NO. 10 SCREWS & C'SK. #8 DRILL

1	SPT-3KVHF	API40
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° - 30'

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
FRONT PANEL P.S.D.-R-1000 5 SCREEN SUPPLY				
MATERIAL		SIZE	CODE IDENT. NO.	DWG NO.
093 ALUM. ALLOY 6061-T6		D	82679	40MS83412
FINISH GREY VINYL CORITEX NO. 63K-L10744 PER (SEE TMC SPEC. S-521) (NOTE 2)		SCALE	1/2	SHEET 4 OF

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
A3	A	MAT AND FIN NOTES REVISED	15 MAR 68			RLL	RLL
	X	DWG. No WAS 40M12D7032	2-22-68			C. G. ROB	
	Ø	ORIGINAL RELEASE FOR PRODUCTION	2-15-69			HJT	

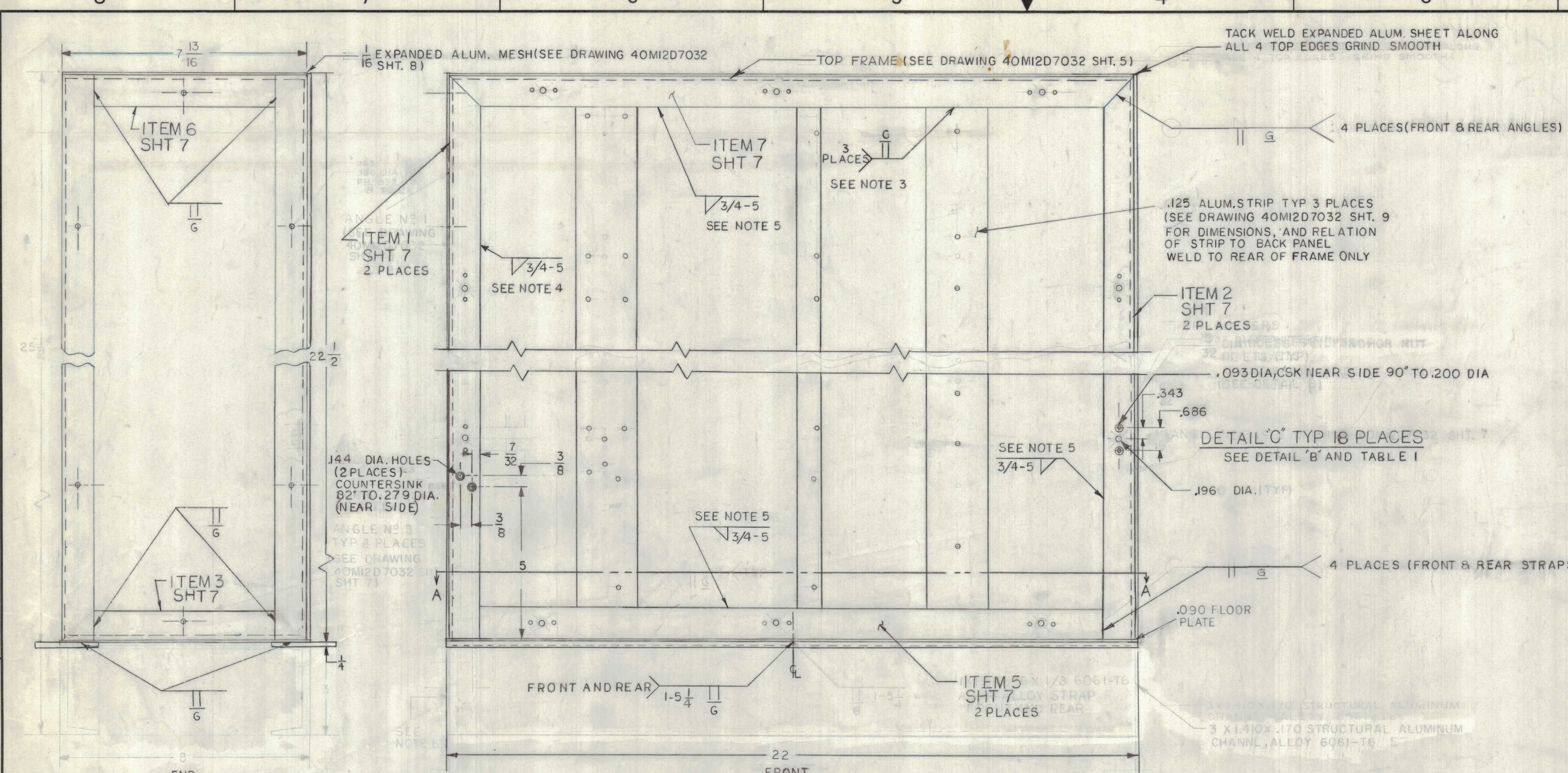


NOTE:  
SEE SHEET 6 FOR COMPLETE  
FRAME ASSEMBLY, SHEET 7  
FOR FRAME DETAILS.

1	SPT-3KVHF	AP140
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL DATE 2-27-68
TOLERANCES ON		MECH. DES. DATE 1-17-68
DECIMALS	FRACTIONS	ELECT. DES. DATE 8-14-69
.X ± .05	± 1/64	CHECKED DATE 1-17-68
.XX ± .01	ANGLES	DRAWN DATE 1-17-68
.XXX ± .005	± 0° -30'	
MATERIAL 1X1X1/8 EXT ALUM ALLOY 6063-T5		
FINISH S404 ETCH AND GOLD IRIDITE		

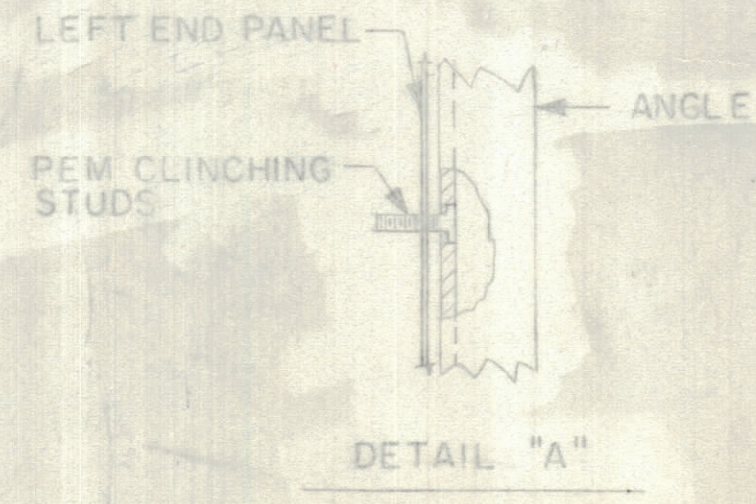
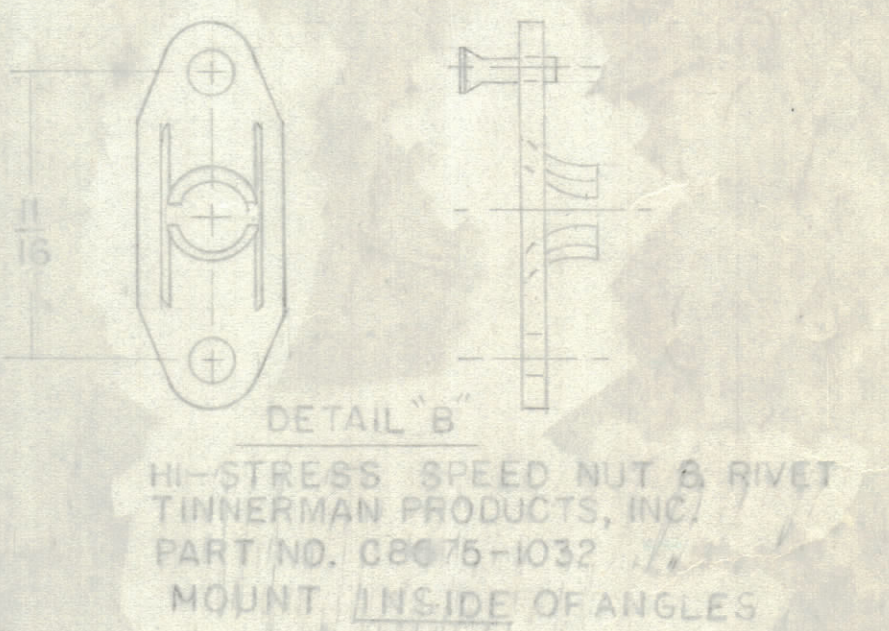
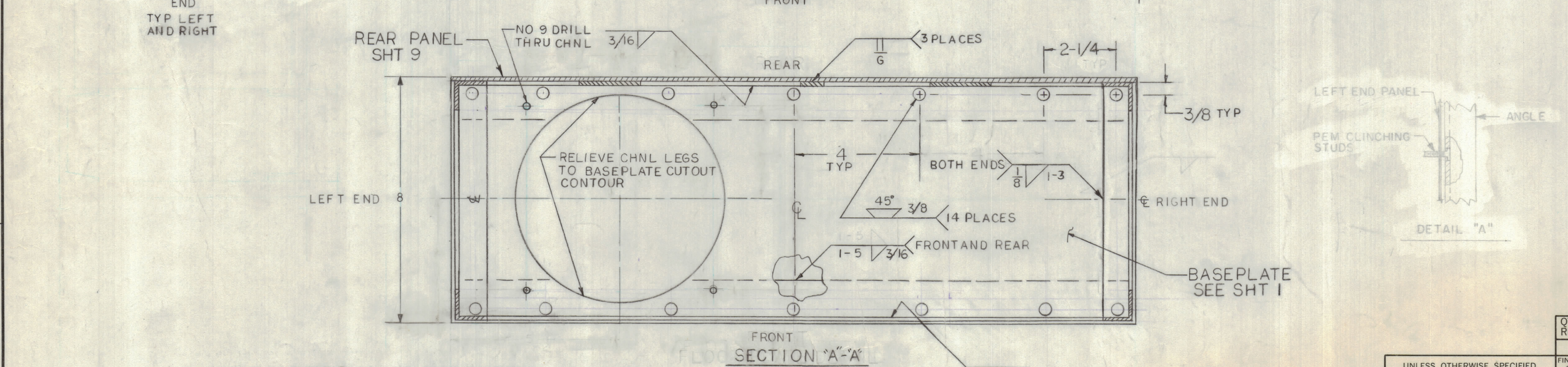
QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TOP VIEW FRAME FOR SCREEN SUPPLY PPLY				
PSD-R-1000-5				
SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE	
D	82679	40MMS834152	Ø	
SCALE 1:1			SHEET 5 OF	



REVISIONS					
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	APPD
	A	GENERAL REV TO NOTES AND CALLOUTS	18 MAR 68	—	RJD RJD RJD
	X	DWG. No. WAS 40MI2D7032	8-22-67	—	C. GRIFF
	Ø	ORIGINAL RELEASE FOR PRODUCTION	8-15-67	—	HJT

**TABLE I**  
 HOLES DATA FOR FRAME ASSEMBLY

FRONT- DRILL PER DETAIL 'C' AND INSTALL DETAIL 'B' NUT 10 PLACES SEE FRONT PANEL DRAWING FOR DIMENSIONS  
 RIGHT END- DRILL PER DETAIL 'C' AND INSTALL DETAIL 'B' NUT 8 PLACES SEE RIGHT END PANEL DRAWING FOR DIMENSIONS  
 BACK- NO. 8 DRILL HOLES FOR NO. 10-32 FLAT HEAD SCREWS 14 PLACES SEE BACK PANEL DRAWING FOR DIMENSIONS  
 LEFT END .192 DIA. HOLES FOR NO. FHS1032-10 PEMCO STUDS 8 PLACES SEE LEFT END PANEL DRAWING FOR DIMENSIONS SEE DETAIL VIEW 'A'



- NOTE:
- WELD FLOOR PLATE TO BASE CHANNELS
  - WELD FRAME ASSEMBLY TO FLOOR PLATE/BASE ASSY
  - WELD VERT STRAPS TO REAR OF FRAME (SEE SHT 9 FOR DIM AND LOCATION)
  - WELD REAR PANEL (SHT 9) WITH 3/4 FILLET WELDS ON APPROX 5 INCH CENTERS
  - WELD TOP COVER IN PLACE
  - PAINT GREY VINYL CORITEX NO 63K-L10744 PER TMC SPEC. 9-521 AFTER ETCHING AND IRIDITING AND MASKING OFF PANEL MOUNTING, CONNECTOR MOUNTING AND GROUND STRAP MOUNTING SURFACES

1	SPT-3KVHF	API40
QTY / UNIT	MODEL USED ON	ASSY NO.
APPLICATION		
CODE		
MATERIAL NOTED		
FINISH (NOTE 6)		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON

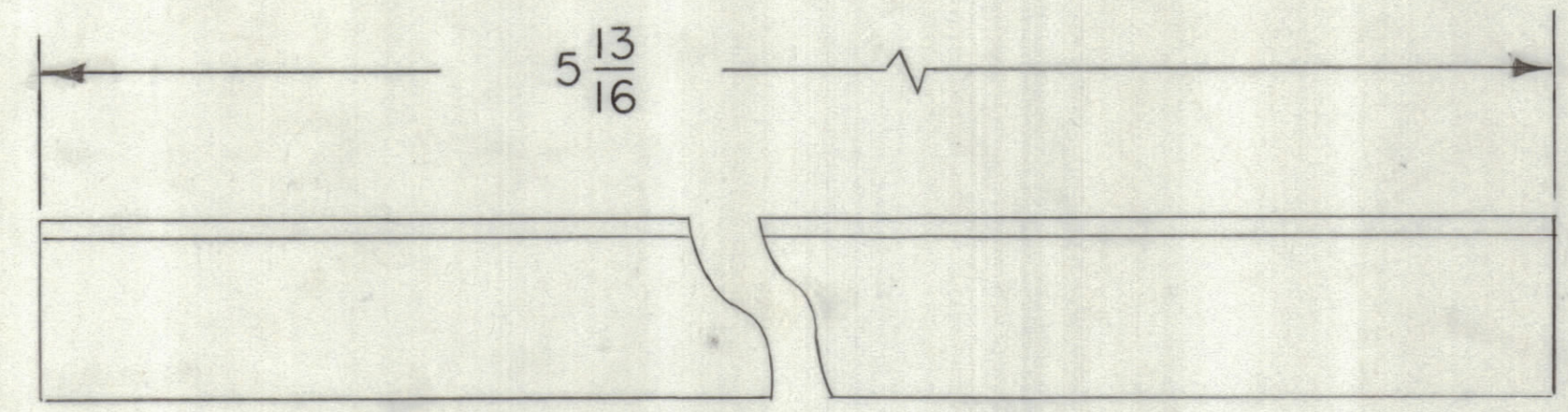
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° - 30'

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
FRAME & BASE ASSEMBLY PSD-101000-5 SCREEN SUPPLY				
SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE	
D	82679	40MMS8341	Ø	
SCALE	1/2			SHEET 6 OF

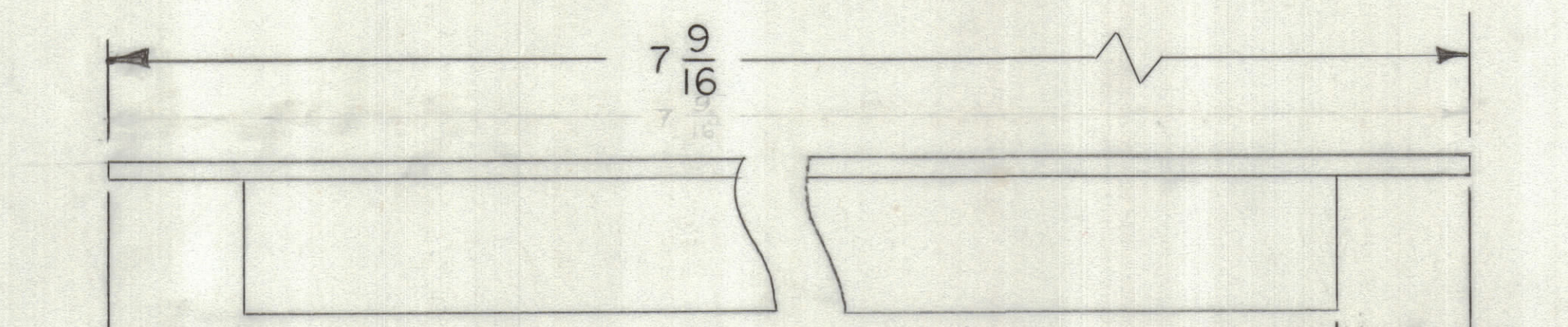
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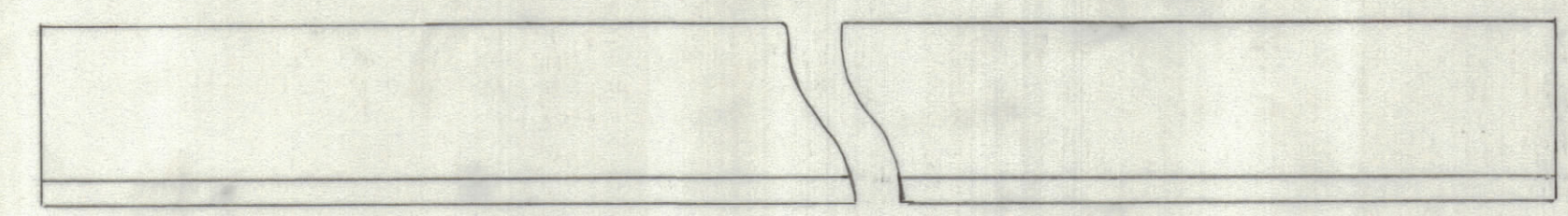
REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	A	ITEMS 5, 6, AND 7 ADDED FINISH AND MAT NOTES REVISED	15 MAR 68	-	RES	RES	RES
	X	DWG. No. WAS 40M12D70S2	2-22-66		C. G. ROE		
	Ø	ORIGINAL RELEASE FOR PRODUCTION	8-15-69		HJT		



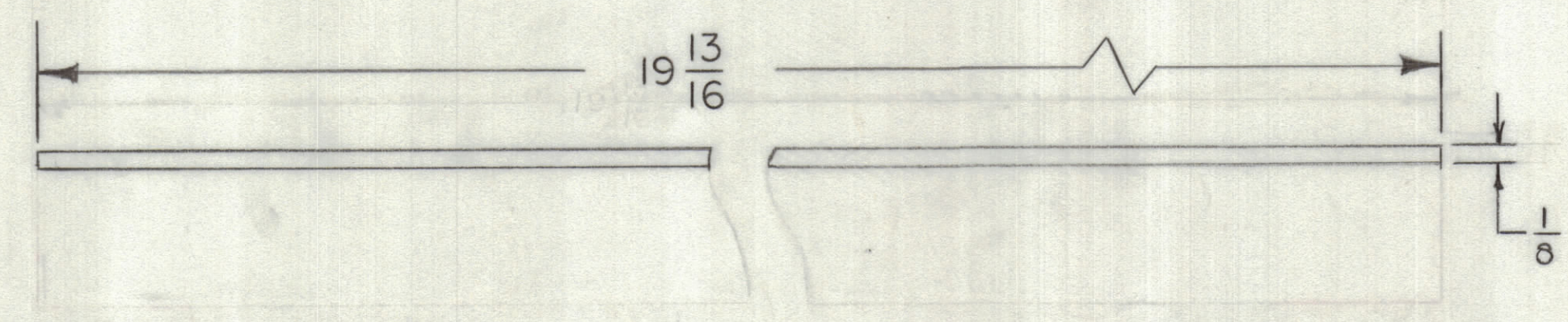
TOP ENDS - 6



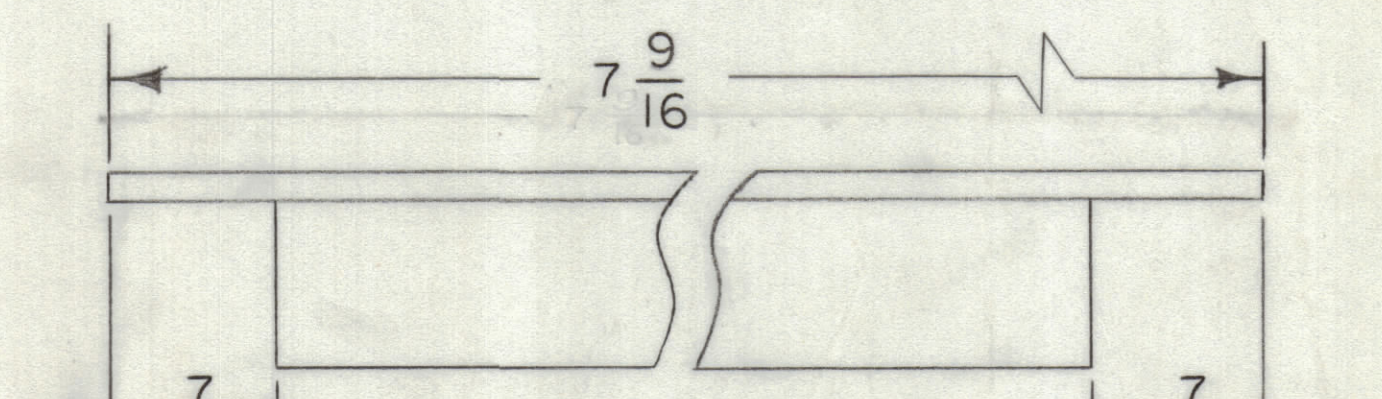
BOTTOM ENDS - 3



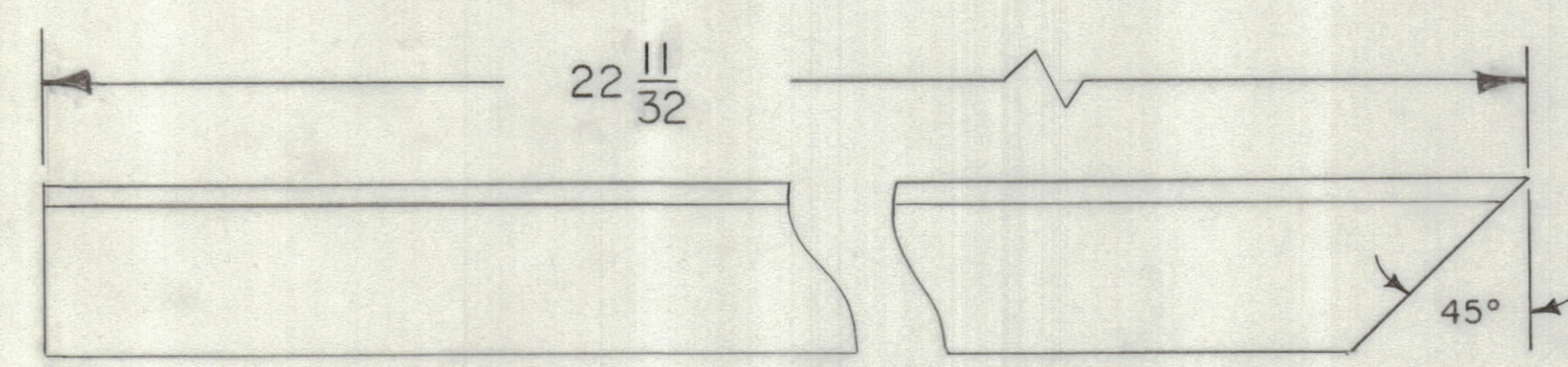
TOP FRONT AND REAR - 7



BOTTOM FRONT AND REAR - 5

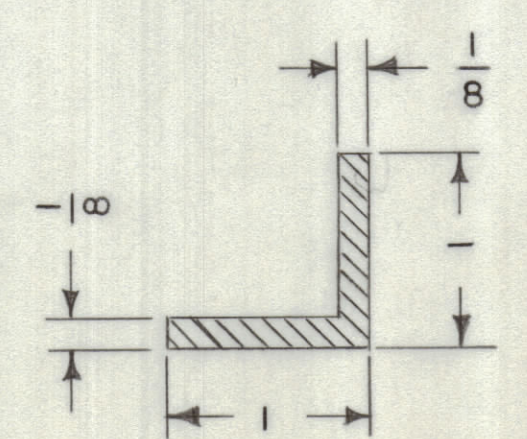


TOP CROSSMEMBER - 4



CORNER VERTICALS - 2, - 1 MIRROR IMAGE

NOTES  
 1 MATERIAL 6063  
 NOTE 2 FOR ASS'Y. SEE SHEET 6



TYPICAL CROSSSECTION  
EXCEPT - 5

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	SPT-3KVHF	AP140
APPLICATION		
CODE		

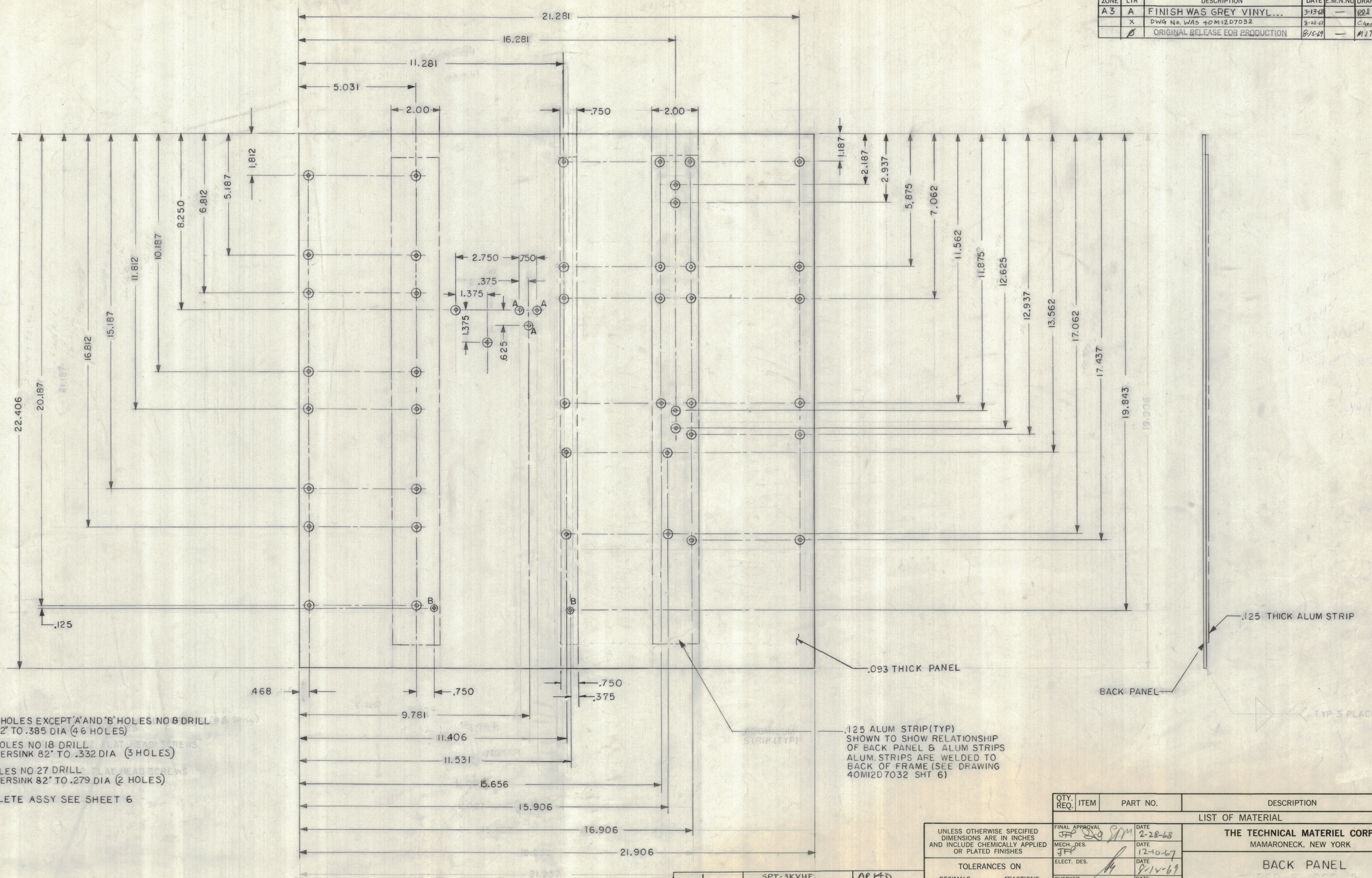
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DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES ± 0° - 30'
.XXX ± .005	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
FRAME DETAILS SCREEN SUPPLY				
MATERIAL		SIZE	CODE IDENT. NO.	DWG NO.
6063-T5 EXTRUDED ALUM		D	82679	40MS83412
FINISH ETCH AND GOLD IRIDITE		SCALE 1:1	SHEET 7 OF	

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
A3	A	FINISH WAS GREY VINYL...	3-13-68		REL	REL
	X	DWG No. WAS 40M12D7032	3-22-68		C. G. ROSE	
		ORIGINAL RELEASE FOR PRODUCTION	8/15-69		AJT	



NOTES:  
 1. DRILL ALL HOLES EXCEPT 'A' AND 'B' HOLES NO 8 DRILL (#8 DRILL) AND CSK 82° TO .385 DIA (46 HOLES)  
 DRILL 'A' HOLES NO 18 DRILL FLAT HEAD SCREWS AND COUNTERSINK 82° TO .332 DIA (3 HOLES)  
 DRILL 'B' HOLES NO 27 DRILL FLAT HEAD SCREWS AND COUNTERSINK 82° TO .279 DIA (2 HOLES)  
 2. FOR COMPLETE ASSY SEE SHEET 6

.125 ALUM STRIP (TYP) SHOWN TO SHOW RELATIONSHIP OF BACK PANEL & ALUM STRIPS ALUM STRIPS ARE WELDED TO BACK OF FRAME (SEE DRAWING 40M12D7032 SHT 6)

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
			<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK	
			BACK PANEL	
			SCREEN SUPPLY	
		SIZE	CODE IDENT. NO.	DWG NO.
		D	82679	40MMS83412
		SCALE	1/2	SHEET 9 OF 9

1	SPT-3KVHF	APHO
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
MATERIAL		
ALUM. 6061-T6		
FINISH CAUSTIC ETCH AND GOLD IRIDITE		

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