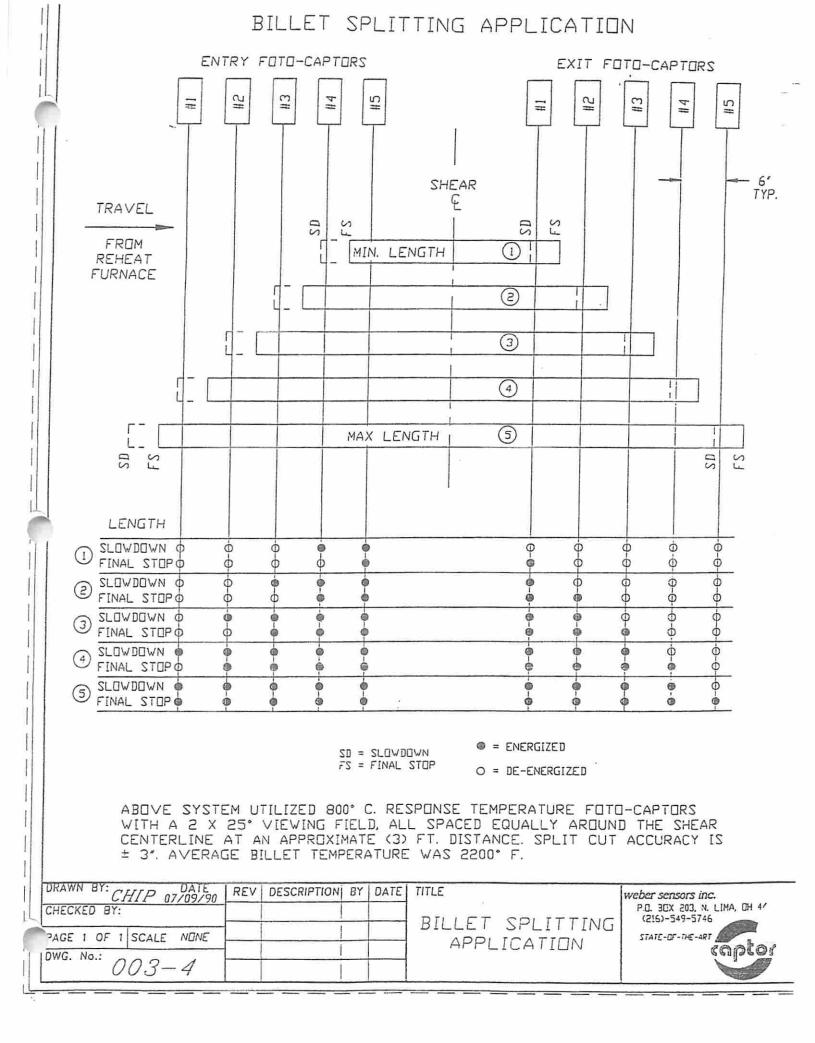
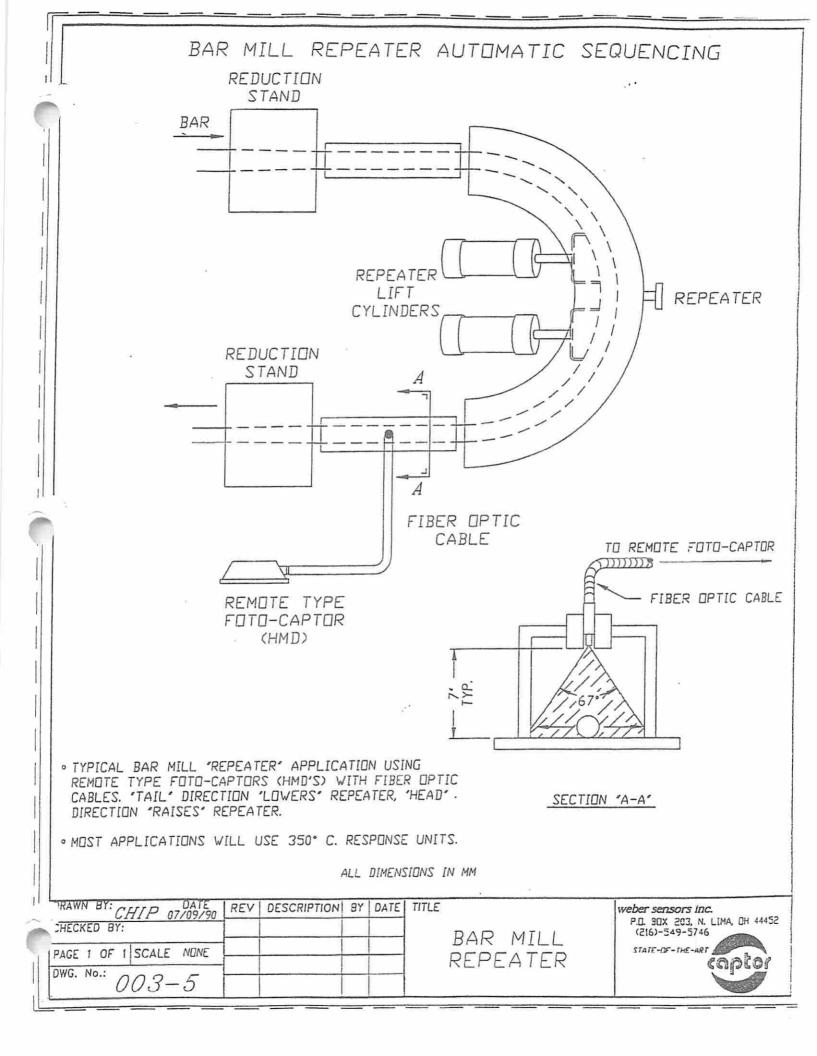
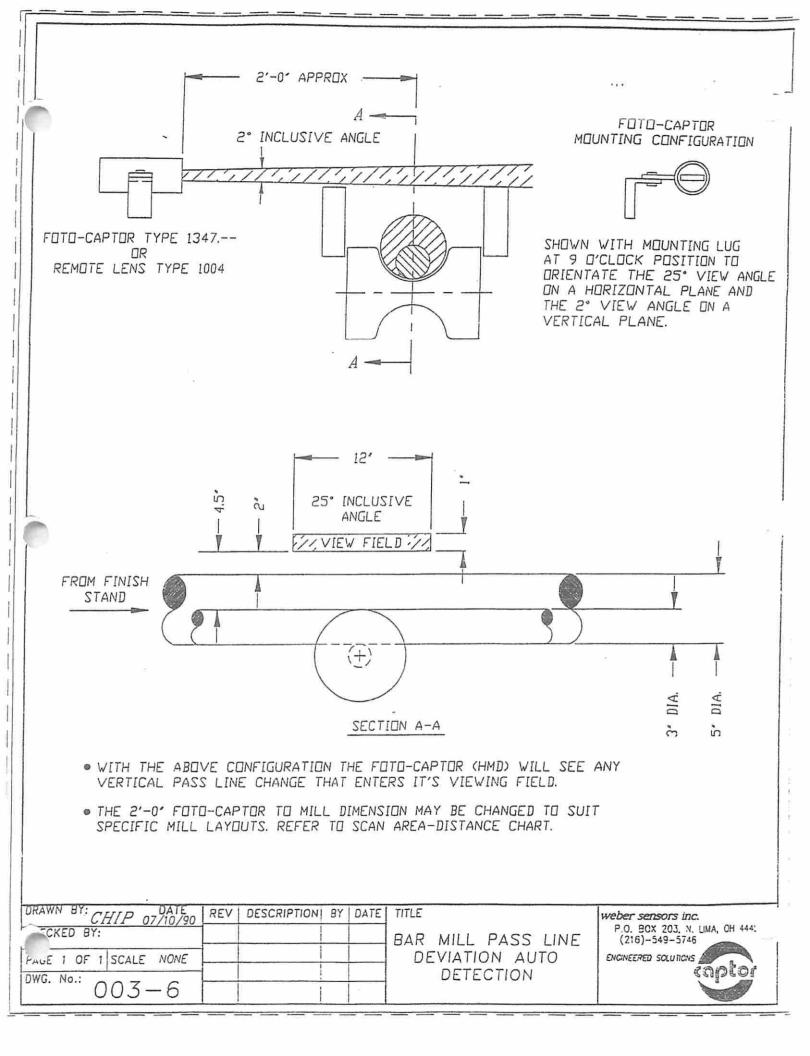


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		()	- TYPICAL SPACING 1" - 2"		
	FROM ROUGHING MILL	TI FINISH I	MILL STANDS		
	IDVER LIFT		HEAT COVER 1600°-1900° F. STRIP SPORT ROLLER		
		END VIEW			
	• ABRIVE APPLICATION USED 450° C. RESPONS	SE FOTO-CAPTORS WITH A 2° VI	EW FIELD LENS.		
 ABOVE APPLICATION USED 450° C. RESPONSE FOTO-CAPTORS WITH A 2° VIEW FIELD LENS. THE ABOVE ANGLE AND MOUNTING DISTANCE PERMITS STRIP DETECTION THRU THE SPACING BETWEEN THE HEAT COVERS WITHOUT FALSE TRIGGERING ON THE COVER SURFACE TEMPERATURE OR FROM VIEWING THE RADIENT HEAT LINING OF THE INSIDE COVER WALLS. NORMAL DETECTION EXISTS WITH COVERS IN "RAISED" POSITION. 					
• THE FOTO-CAPTOR ELIMINATES THE REQUIREMENT TO MODIFY THE HEAT COVERS TO ACCEPT OTHER TYPES OF HMD'S.					
• THE NOMINAL 12 FT. MOUNTING DISTANCE ELIMINATES THE REQUIREMENT FOR COOLING JACKETS ON THE HMD.					
GILON	CHIP 07/03/90 KED BY: 1 OF 1 SCALE NO: Image: Image	STRIP TRACKING	veber sensors inc. P.D. 90X 203, N. LIMA, DH 44452 (216)-549-5746 STATE-DF-THE-ART		
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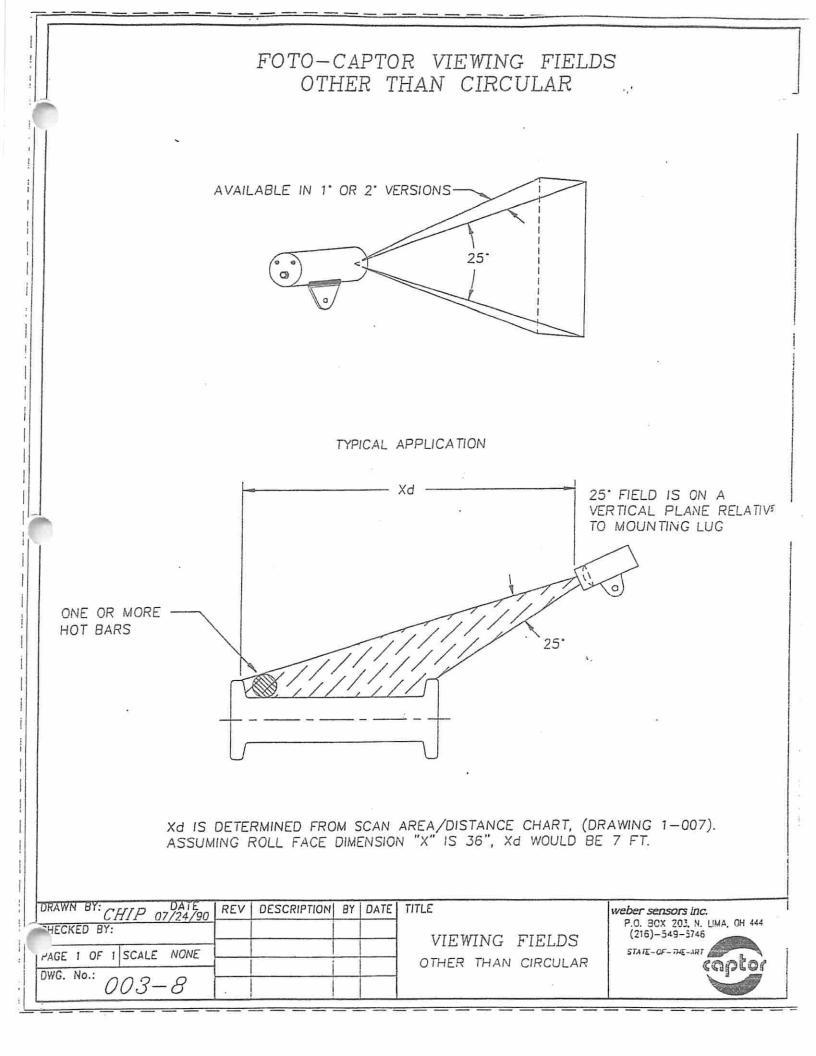


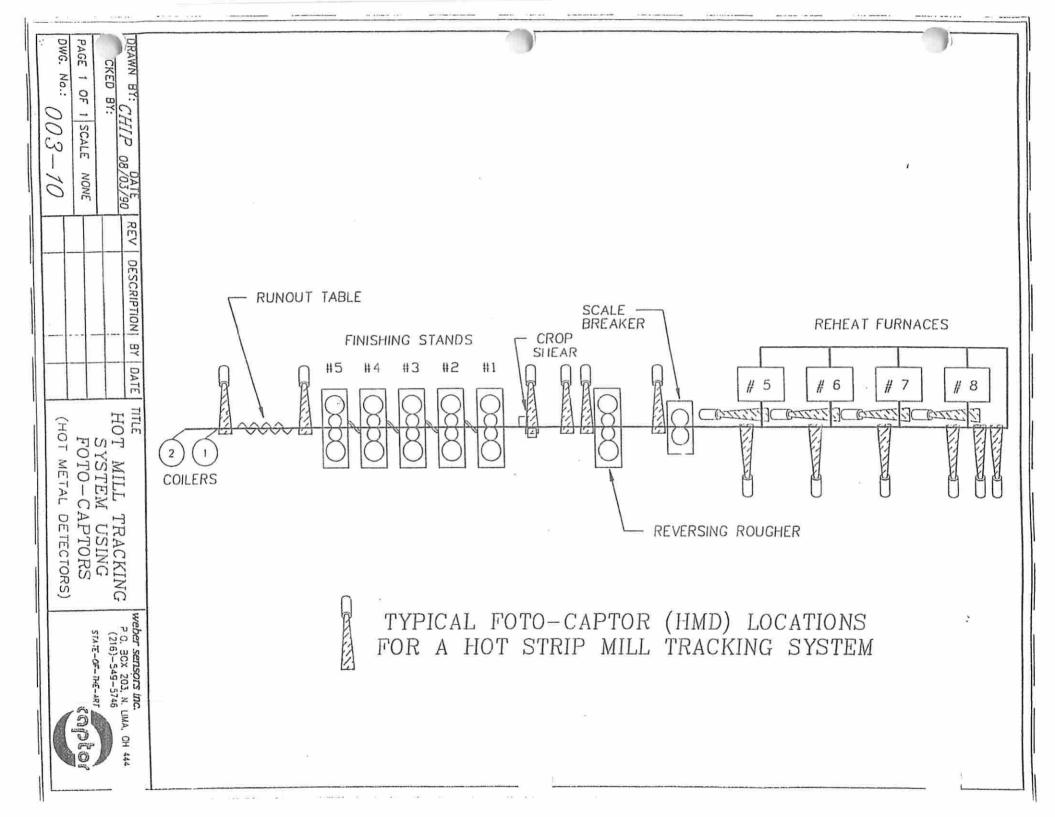




	SLAB SEPERATION VERIFICATION		
	FROM		
	TRAVEL		
	WATER COOLED WATER COOLED FOTO-CAPTOR MOUNTED ON TORCH HOUSING FOR "CLAMP" TRAVEL		
	6" TO 12" DOWNSTREAM FROM TORCH CUT CENTERLINE		
	 The FOTO-CAPTOR (HMD) is mounted six to twelve inches "downstream" of the cut-off torch centerline. Slab must seperate by this distance. When FOTO-CAPTOR sees tail out of cut slab the torch "cut" sequence is terminated and the torch assembly "unclamps" and returns to its "home" position. 		
	257		
 DRAWN E	BY: DATE REV DESCRIPTION BY DATE TITLE Weber sensors inc.		
CHECKED	OF 1 SCALE NONE SLAB SEPERATION VERIFICATION STATE-OF-THE-ART		

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TEMPERATURE MONITOR FOTO-CAPTORS #1 (2' LENS) #1 (2' LENS) #1 (2' LENS) #2 (25' LENS) PART 0 PART 0 VERTICAL INDUCTION 0 HEAT COLL 0 PRODUCT: POWDERED METAL PARTS, 1.5" X 1.5" MINIMUM, IRREGULAR SHAPES TEMPERATURE: 1600' F. (870' C.) OPERATION: MONITOR FORGED PARTS TO CONTROL PRESS STROKE SEQUENCE: PART IS HEATED TO 1600' F. THRU VERTICAL INDUCTION HEAT COLLS PEDER INDEXES PART FROM A)T O (2) AND RELEASES INTO DIE (C). PART IS FORGED, ELECTED FROM DIE AND RELEASES INTO DIE (C). PART IS FORGED, ELECTED FROM DIE AND INDEXED TOWARD (0) FOR OUERCH OR RESIGN. BY LOGC, FOTO-CAPTOR #1 SEES PART AT INITIAL (B) POSITION AT RELEASE POINT INTO DIE GUNLY AND (GNORES PART DURING DIE ELECTON, ETC., FOTO-CAPTOR #1 SEES PART AT INITIAL (B) POSITION AT REQUIRED POSITION (B): 4" DIA. (PART POSITION IS FIXED) SCALE POSITION (D): 12" DIA. (PART POSITION VARIES ±6") SCALE MONITOR FORGING SCALE MONITOR FORGING POSITION (D): 12" DIA. (PART POSITION VARIES ±6") MONITORING POWDERED ME	1		
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