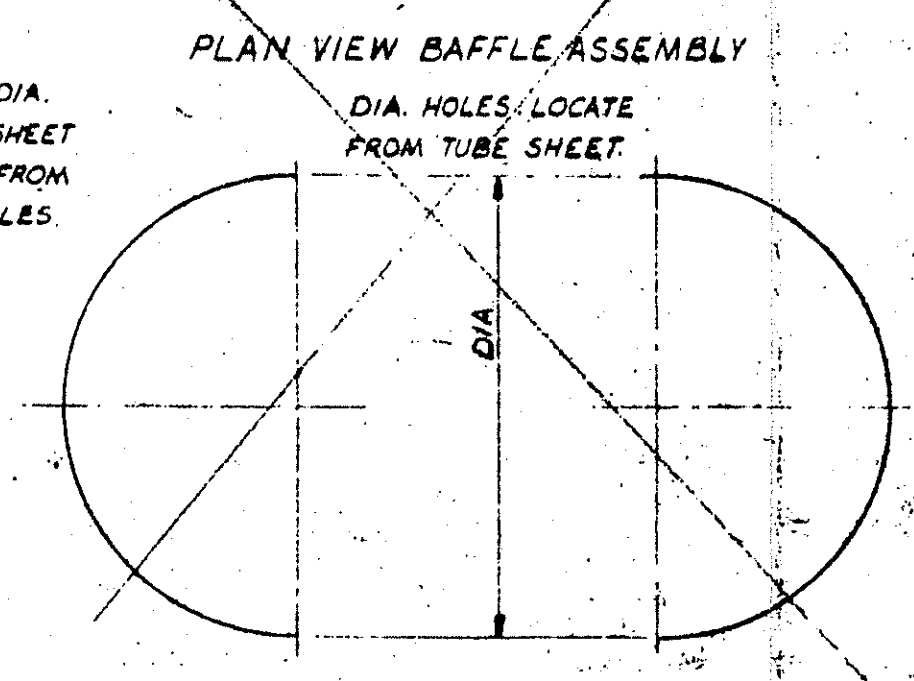
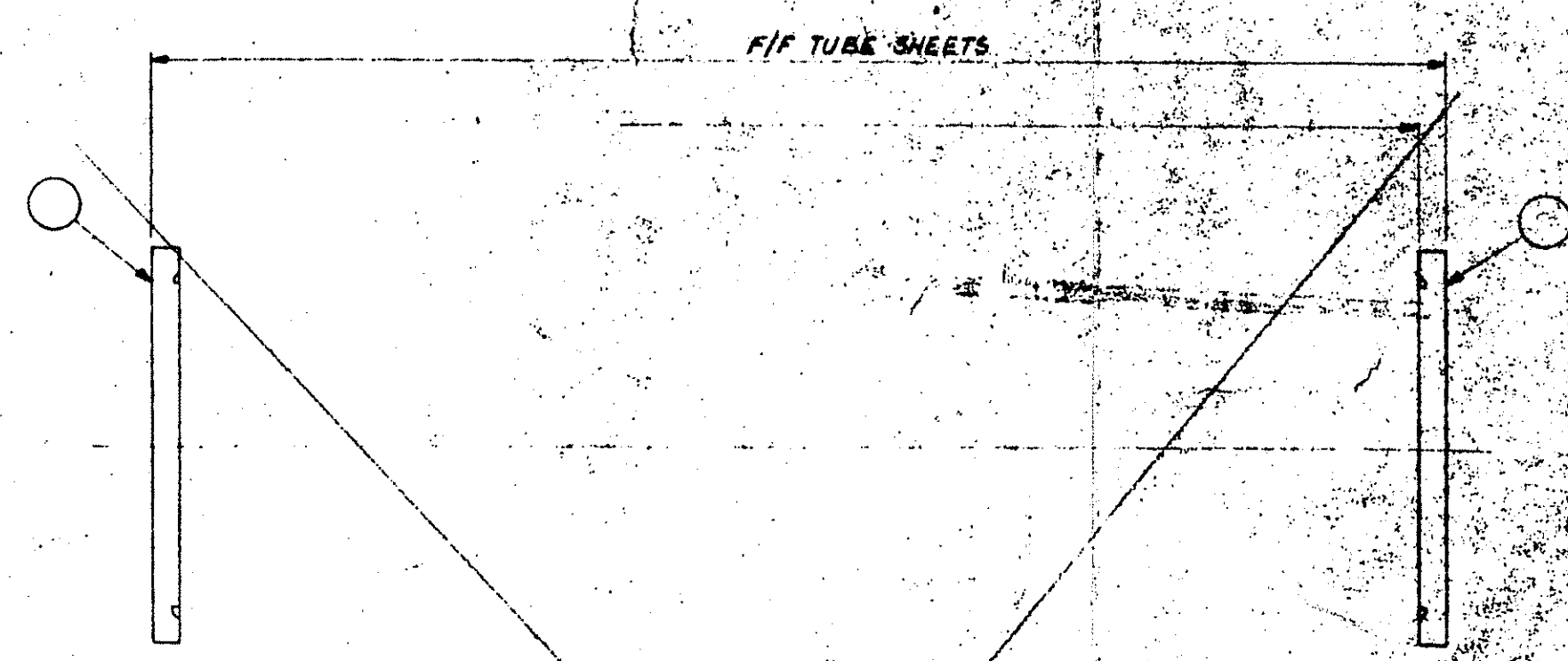
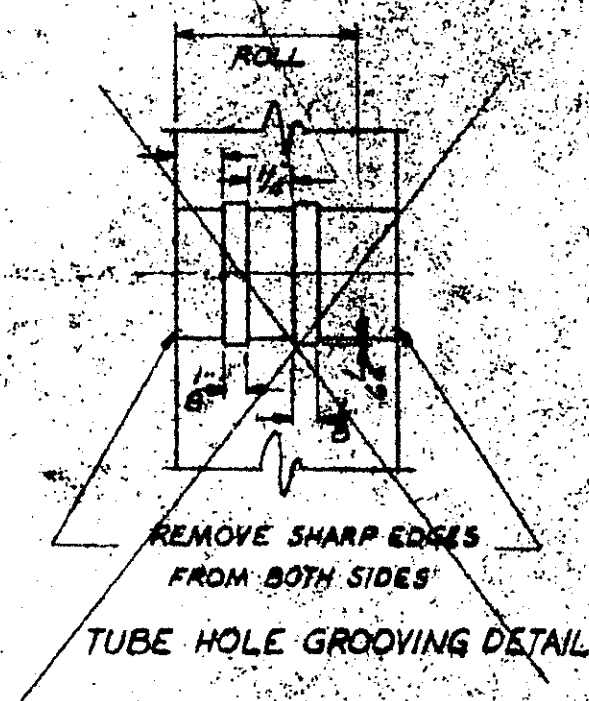
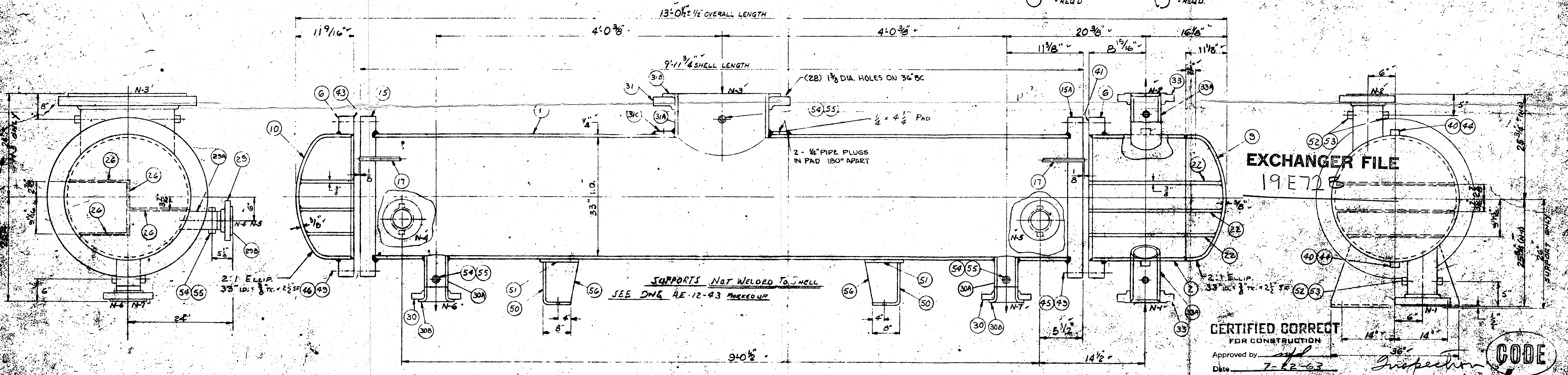




BAFFLES TK - REQ'D



EXCHANGER FILE
19E72

CERTIFIED CORRECT
FOR CONSTRUCTION
Approved by: [Signature]
Date: 7-22-63

CODE

REFERENCE DRAWINGS
ES-1130 OUTLINE
C-1130-1 ASSEMBLY
A-1130-2 GASKET DETAIL
AE-12-43 SUPPORT STAND
C-1130-2 TUBE BUNDLE DETAIL

SPACERS SCH 40 PIPE				DESIGN CONDITIONS		CUSTOMER'S ORDER NO. 12-555	
ITEM	NO.	REQ'D	LENGTH	SHELL	TUBE	ITEM NO. E-72-B	SPEC.
				DESIGN PRESSURE	140 PSIG		
				TEST PRESSURE	210 PSIG		
				DESIGN TEMPERATURE	450°F		
				SPECIAL TEST			
				CORROSION ALLOW.	1/16"		
				SHELLS REQ'D	1		
				INSPECTION BY	HARTFORD STEEL WORKS INC. / MORG		
				CODE	ASME B TEMA-C		
				TIE RODS (THREAD BOTH ENDS)	NO-3		
				WEIGHT - BUNDLE			
				WEIGHT - UNIT	6200 LB		
				WEIGHT - UNIT FILLED WATER	10000 LB		
				NOZZLES			
				N-1 1/2" 150# ASA RF	N-1 1/2" 150# ASA LF		
				N-2 1/2" 150# ASA RF	N-2 1/2" 150# ASA LF		
				N-3 3/4" 150# ASA RF	N-3 3/4" 150# ASA LF		

J. C. MAHONEY, INC.
NEW YORK
FLASH COLUMN CONDENSER
SHELL 38" DIA. TUBE 1/2" DIA. LGT
WILPUTTE CORE OVER DIVISION
CLARK OIL REFINING CORP
BLUE ISLAND, ILL.
SCALE: 1" = 1'-0"
DRAWN BY: EY
CHECKED BY: [Signature]
DATE: 7-22-63
No. C-1130-1
ISSUE: 0