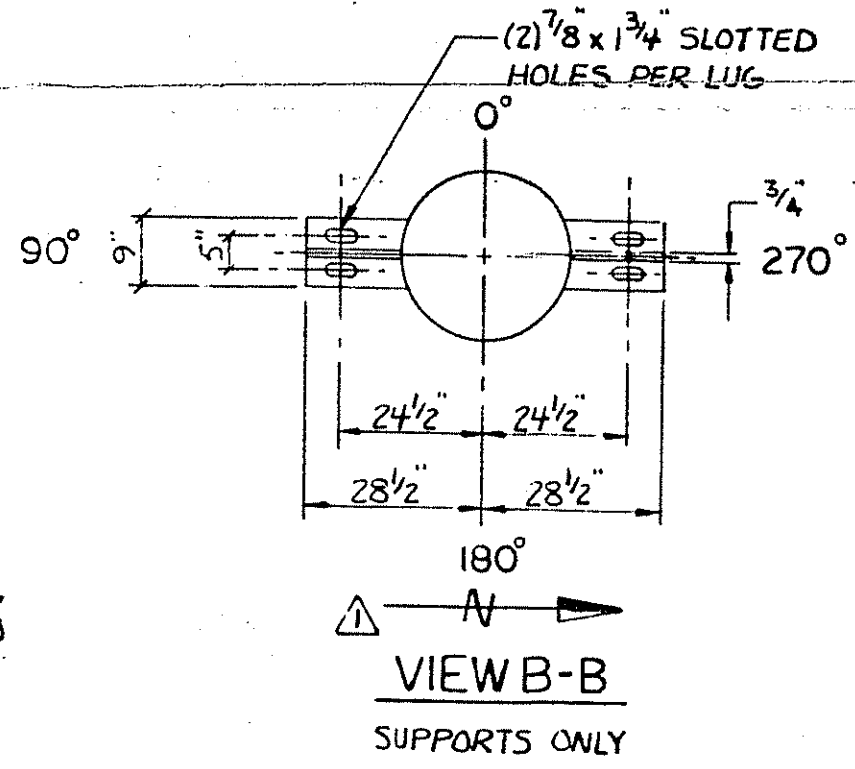
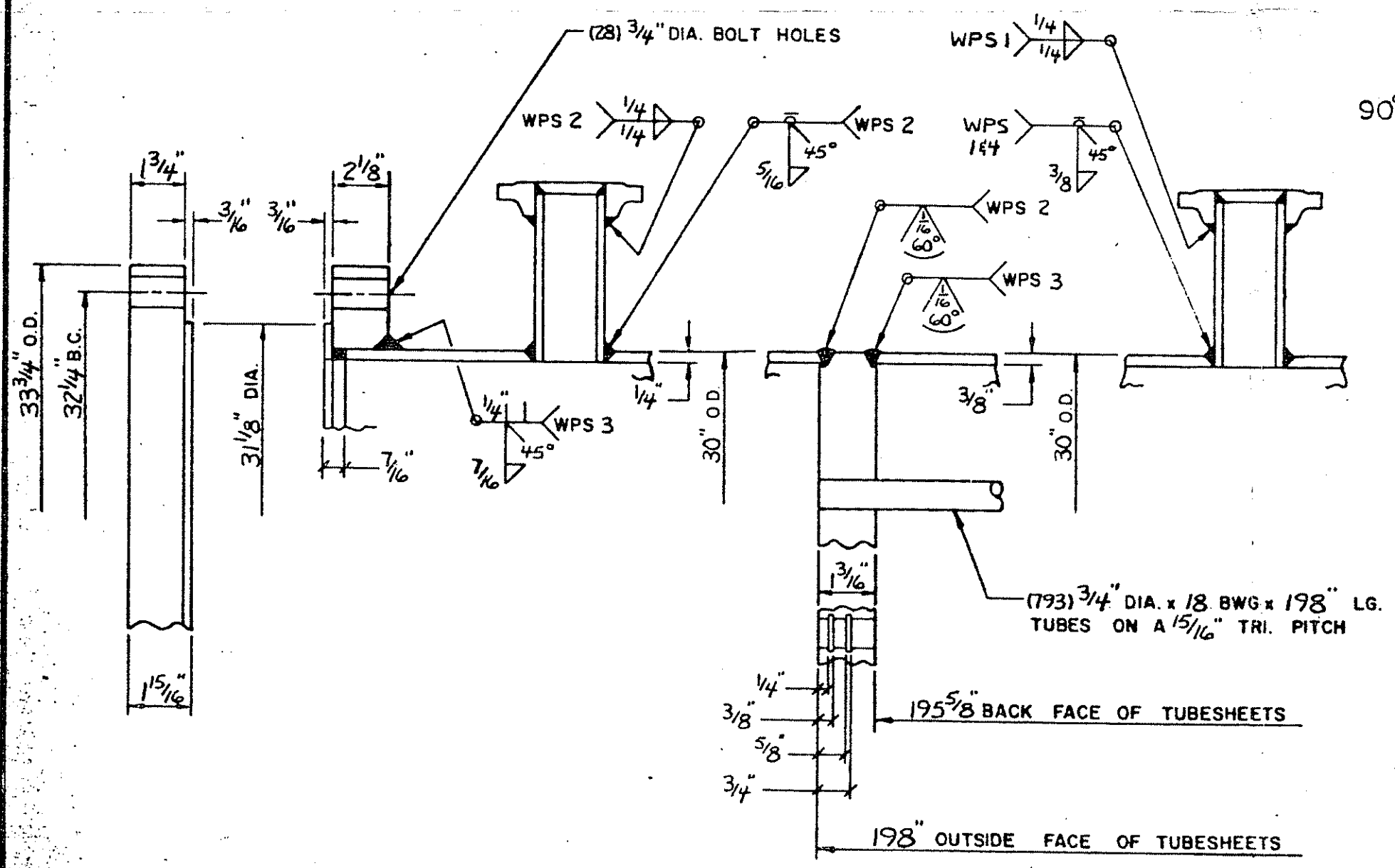
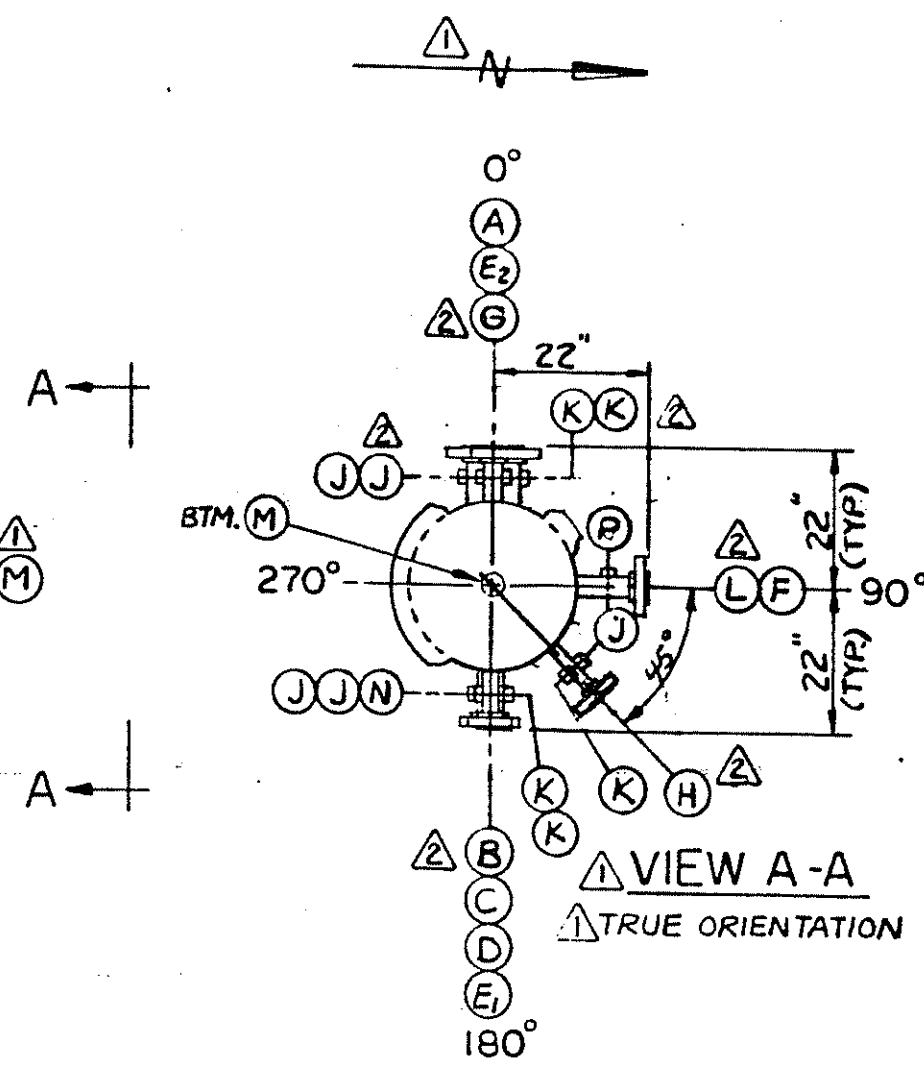
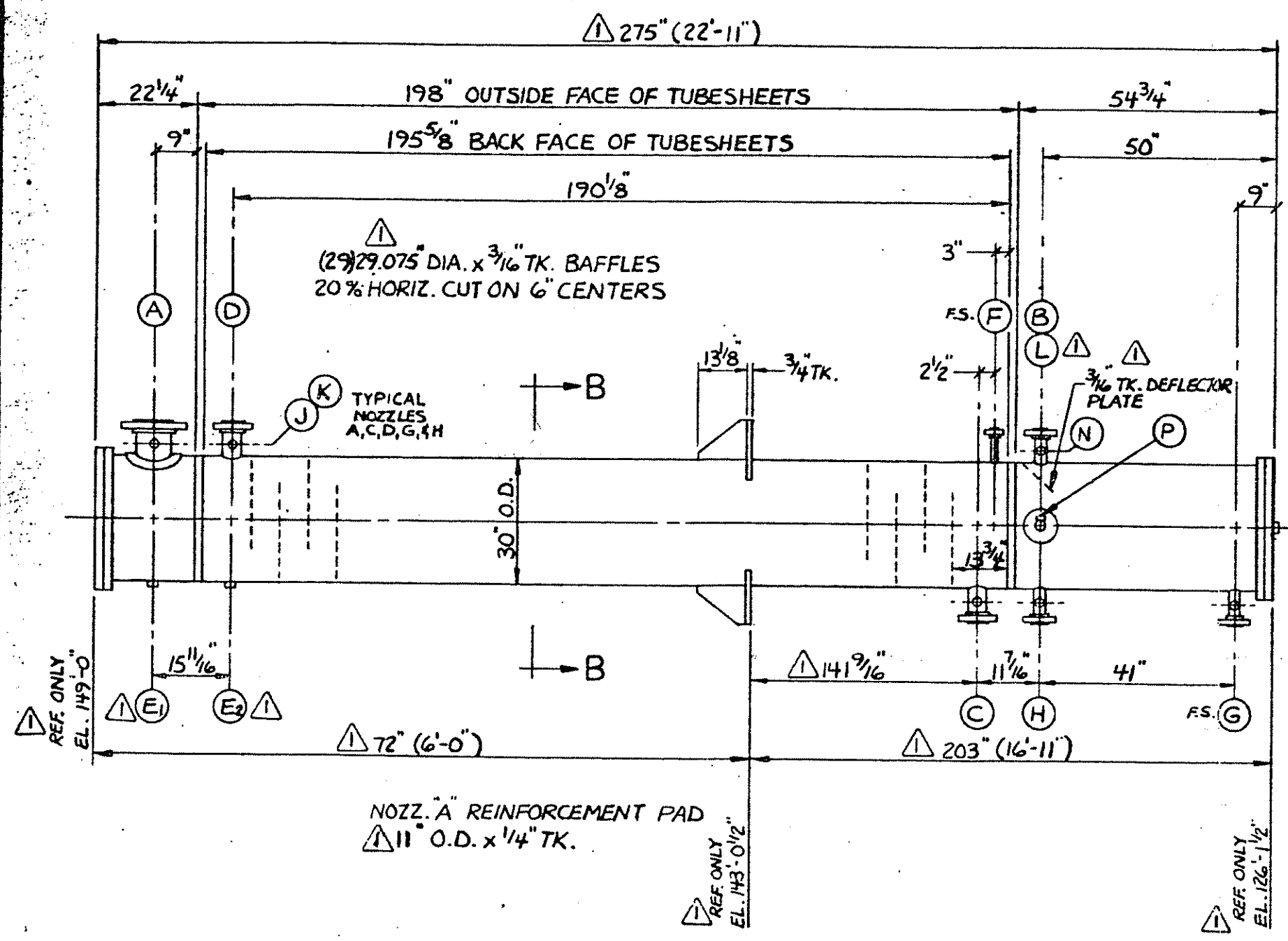


R.A-FELIX

3-1-83

29X



THIS DRAWING
CERTIFIED
FOR CONSTRUCTION

J. J. Keller 2-14-83
CHIEF ENGINEER

ITEM NO	22-E-18
SERVICE	PURGE HEADER CONDENSER
TITLE	
MODEL NO	1STW 30-198
CUSTOMER	FOLGER COFFEE CO
CUSTOMER P O NO	ENS-FT-X50013-TMH

NON-DISCRETIONARY
UNTIL SUPERSEDED

GENERAL NOTES

- DESIGN SHALL BE IN STRICT ACCORDANCE WITH SECTION VIII OF THE 1980 A S M E CODE & TEMA "C"
- ALL WELDING TO BE IN STRICT ACCORDANCE WITH SECTION IX OF THE 1980 A S M E CODE
- NAT'L BOARD INSPECTION & STAMP ARE REQ'D
- ALL DIMENSIONS ARE IN INCHES
- ALL NOZZLES TO BE FLUSH WITH INSIDE CONTOUR OF SHELL & CHANNEL
- BOLT CENTERS TO BE EQUALLY SPACED AND TO STRADDLE BOTH NATURAL CENTERLINES
- INSIDE EDGES OF TUBESHEET TUBE HOLES TO BE DEBURRED
- UNITS ARE TO BE PAINTED WITH ONE COAT OF SHOP PRIMER ON C/STL ONLY
- NUMBER OF UNITS REQUIRED (1) ONE
- SHIPPING WT EA 10000 FLOODED WT 15000
- STRESS RELIEVE NONE
- X-RAY SPOT CHANNEL FULL
- ONE SET OF SPARE GASKETS REQ'D
- ALL TUBES ARE WELDED & ANNEALED

DESIGN DATA

SQ FT OF OUTSIDE TUBE SURFACE 2568.4

DESIGN & TEST	SHELL SIDE	TUBE SIDE
DESIGN PRESS	FV 150 PSIG	FV 150 PSIG
DESIGN TEMP	400° F	400° F
TEST PRESS	225 PSIG	240 PSIG
CORROSION ALLOW.	.062"	0
NO OF PASSES	1	1

MATERIAL SPECIFICATION

SHELL SIDE		TUBE SIDE
SA 515-70	SHELL & BONNET	SA 240-304L
	GIRTH FLANGES	SA 515-70 w LINER
SA 53-B	NOZZLE NECK	SA 312-304L
SA 105	NOZZLE FLANGES	SA 182-304L
SA 105	COUPLINGS	SA 182-304L
	COVERS	SA 515-70 w LINER
	TUBESHEET	SA 240-304L
	GASKETS	GARLOCK 900
SA 285-C	BAFFLES	
SA 249-304 C/STL	TUBES 3/4" DIA. x 18 BWG	(793)
	TIE RODS & SPACERS	
	BOLTS	SA 193-B7
	NUTS	SA 194-2H
C/STL	SUPPORTS	
	LINERS	SA 240-304L
	PASS PARTITION	SS-304L
	NOZZLE "A" FLANGE	SA 105@LINER
	REINFORCEMENT PAD	SA 240-304

NOZZLE SCHEDULE

MARK	SIZE	QTY	SERVICE	TYPE	NECK	REMARK
A	6	1	TUBE INLET	150 RFSO	SCH 40	GLINER
B	1 1/2	1	VAPOR OUTLET		40	
C	6	1	SHELL INLET		40	
D	6	1	SHELL OUTLET		40	
E	3/4	2	VENT	3000 HC		PLUG
F	3/4	1	DRAIN	150 RFSO	SCH 160	
G	3	1	LIQUID OUTLET	150 RFSO	SCH 40	
H	3	1	LEVEL VENT TAP	150 RFSO	SCH 40	
J	3/4	5	AUX. CONN.	3000 HC		PLUG
K	1	5	AUX. CONN.	3000 HC		PLUG
L	1	1	RECYCLE	150 RFSO	SCH 40	
M	3/4	1	DRAIN	3000 FC		PLUG
N	1/2	1	AUX. CONN.	3000 HC		PLUG
P	1/4	1	AUX. CONN.	3000 HC		PLUG

2	REV. PER CUST MK'D. PRINT	FM 2-4-83
1	REV. PER CUST MK'D. PRINT	FM 12-20-82
NO REVISION		BY DATE

WELDON
HEAT EXCHANGERS
CLARK, N.J. 07066

MADE	FM	11-15-82	S.O.-2945-L
CHECKED	GK	11-15-82	
APPROVED	AB	11-15-82	C-4210
SCALE	NTS		REV 2

PV 8546 Sherman Plant

100731

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