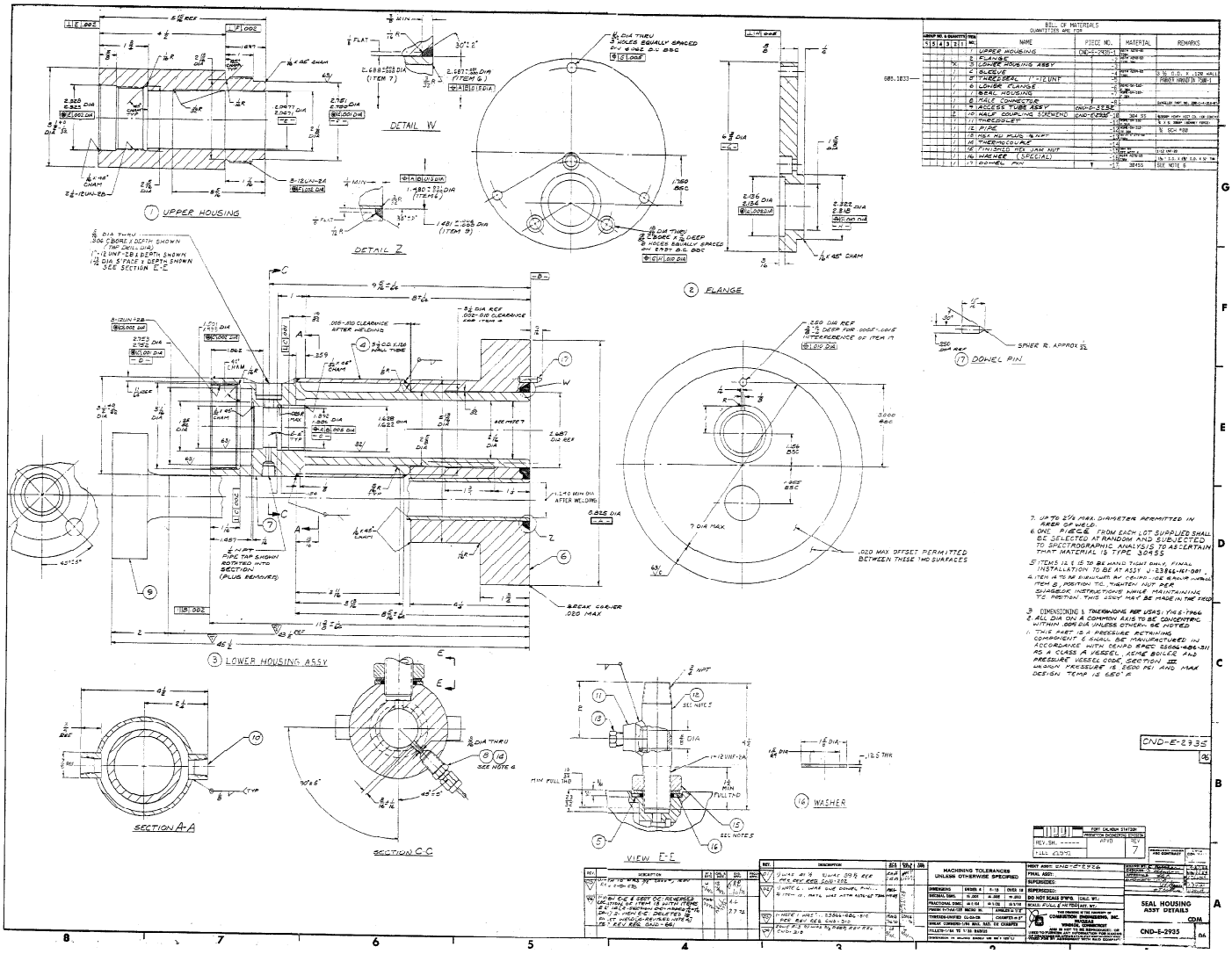

BILL OF MATERIALS
QUANTITIES ARE PER

GROUP NO. & QUANTITY	ITEM NO.	NAME	PIECE NO.	MATERIAL	REMARKS
1	1	UPPER HOUSING	CND-E-2935-1	SEE NOTE 6	
1	2	FLANGE		SEE NOTE 6	
1	3	LOWER HOUSING ASSY		SEE NOTE 6	
1	4	SLEEVE		SEE NOTE 6	
1	5	THRDSEAL 1"-12UNF			PARKER HANNIFIN 7588-1
1	6	LOWER FLANGE		SEE NOTE 6	
1	7	SEAL HOUSING		SEE NOTE 6	
1	8	MALE CONNECTOR			INSTALLED PART NO. 2935-1-8SAE
1	9	ACCESS TUBE ASSY	CND-E-2936		
2	10	HALF COUPLING SCREWED	CAD-C-2936		
1	11	THREOLET			
1	12	PIPE			
1	13	HEX HD PLUG ¾ NPT			
1	14	THERMOCOUPLE			
1	15	FIN SPOOL NUT LOCK NUT			
1	16	WASHER (SPECIAL)			
1	17	DOWEL PIN			SEE NOTE 6

7. UP TO 5/64 MAX. DIAMETER PERMITTED IN AREA OF WELD.
6. ONE PIECE FROM EACH LOT SUPPLIED SHALL BE SELECTED AT RANDOM AND SUBJECTED TO SPECTROGRAPHIC ANALYSIS TO ASCERTAIN THAT MATERIAL IS TYPE 304SS.
5. ITEMS 12, & 15 TO BE HAND TIGHT ONLY. FINAL INSTALLATION TO BE AT ASSY. U-2396L-41-081.
4. ITEM 16 TO BE INSULATED BY CEMENT OF A MIN. OF 1/8 IN. THICK AT ITEM 8, POSITION TO, TIGHTEN NUT PER SUBSEA INSTRUCTIONS WHILE MAINTAINING TC POSITION. THIS ASSY MAY BE MADE IN THE FIELD.
3. DIMENSIONING & TOLERANCING PER ASME Y14.5-1966
2. ALL DIA ON A COMMON AXIS TO BE CONCENTRIC WITHIN .004 DIA UNLESS OTHERWISE NOTED.
1. THIS PART IS A PRESSURE RETAINING COMPONENT & SHALL BE MANUFACTURED IN ACCORDANCE WITH CENPD PRC 2806A-406-311 AS A CLASS A VESSEL. ASME BOILER AND PRESSURE VESSEL CODE, SECTION III. MINIMUM PRESSURE IS 2500 PSI AND MAX DESIGN TEMP IS 650° F.

CND-E-2935

REV.	DESCRIPTION	BY	CHK	APP
7	ADD 20 & 21			
6	CHG DIM			
5	ADD 19			
4	CHG DIM			
3	ADD 18			
2	CHG DIM			
1	ADD 17			

REV.	LOCATION	BY	CHK	APP
7	ADD 17			
6	ADD 16			
5	ADD 15			
4	ADD 14			
3	ADD 13			
2	ADD 12			
1	ADD 11			

FORT CALHOUN STATION
OMAHA PUBLIC POWER DISTRICT
REV. SH. ----- APVD REV 7
FULL SCALE

MACHINING TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMALS: ANGLES ± 1° 15 ± .030 ± .010 ± .005
FRACTIONAL SIZES: 63 64 32 16 8 4 2 1 — 1/32 1/16 1/8 1/4 1/2
FINISH SYMBOLS: MICRO IN. — FINISH 125
TOLERANCES UNLESS: CLOG-ON — CHAMFER 45°
WELD SYMBOLS: CPR. BSG. SLOT TEE CHAMFER
FILLETS: 1/64 TO 1/32 RADIUS

PRINT ASSY: CND-E-2935
FINAL ASSY:
SUPERSEDES:
REPRESENTED:
DO NOT SCALE DWG. SCALE: WT.:
BOND FILM & METHOD ACT. ST.:
FINISH 125
COMBUSTION ENGINEERING, INC.
WINDSOR, CONNECTICUT
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DRAWN BY: R. ALLEN 5-14-68
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TRACED BY: R. ALLEN 5-14-68
CHECKED BY: [illegible] 5-14-68
APPROVED BY: [illegible] 5-14-68

SEAL HOUSING ASSY DETAILS
CDM
CND-E-2935
0A

B 7 6 5 4 3 2 1 A