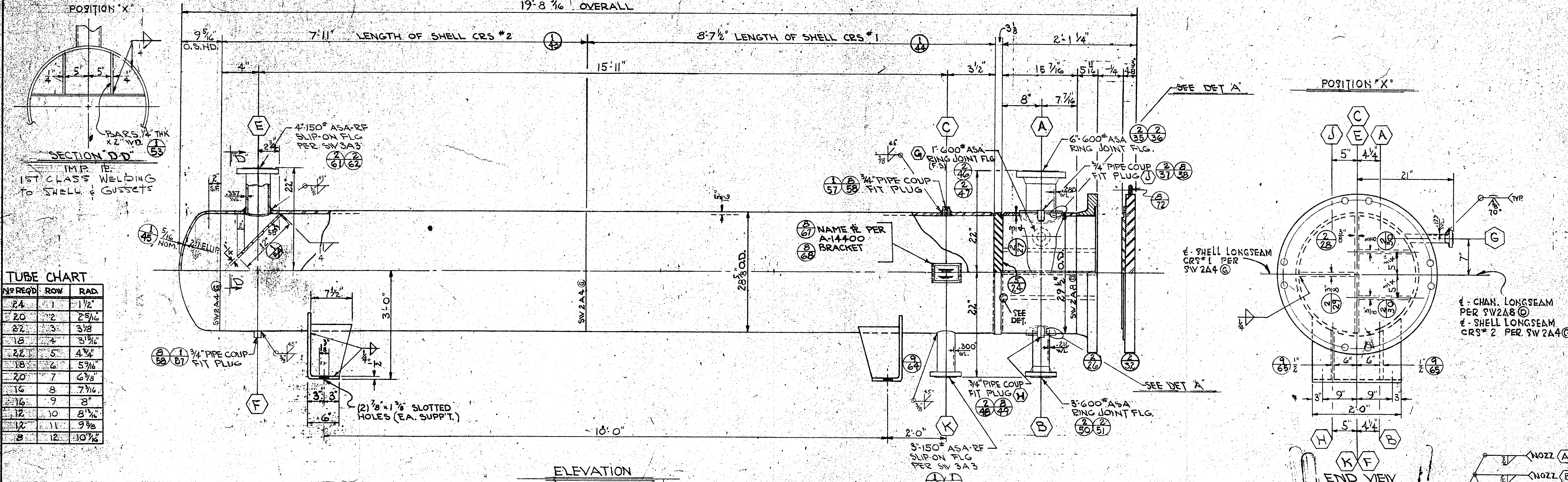




TUBE CHART

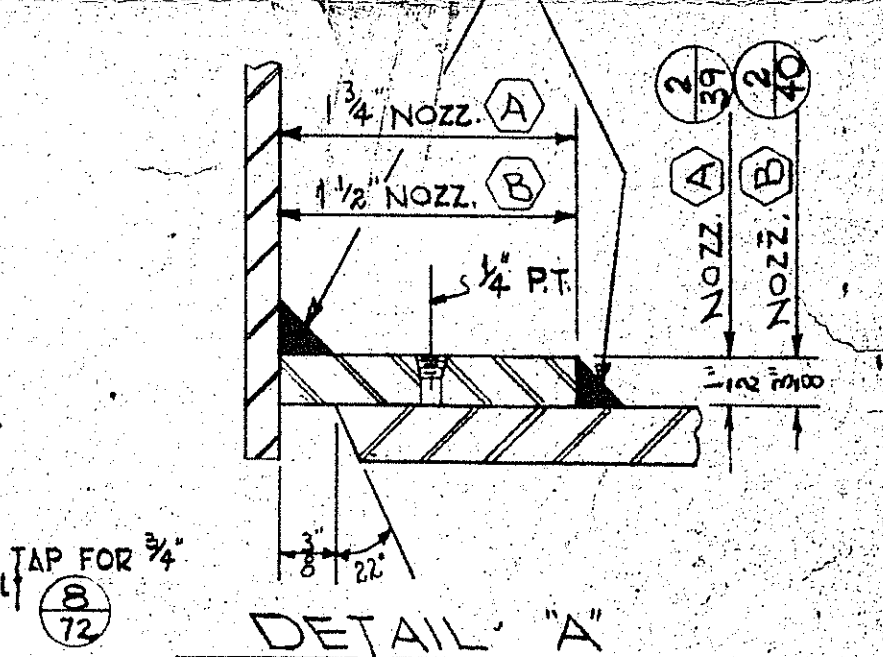
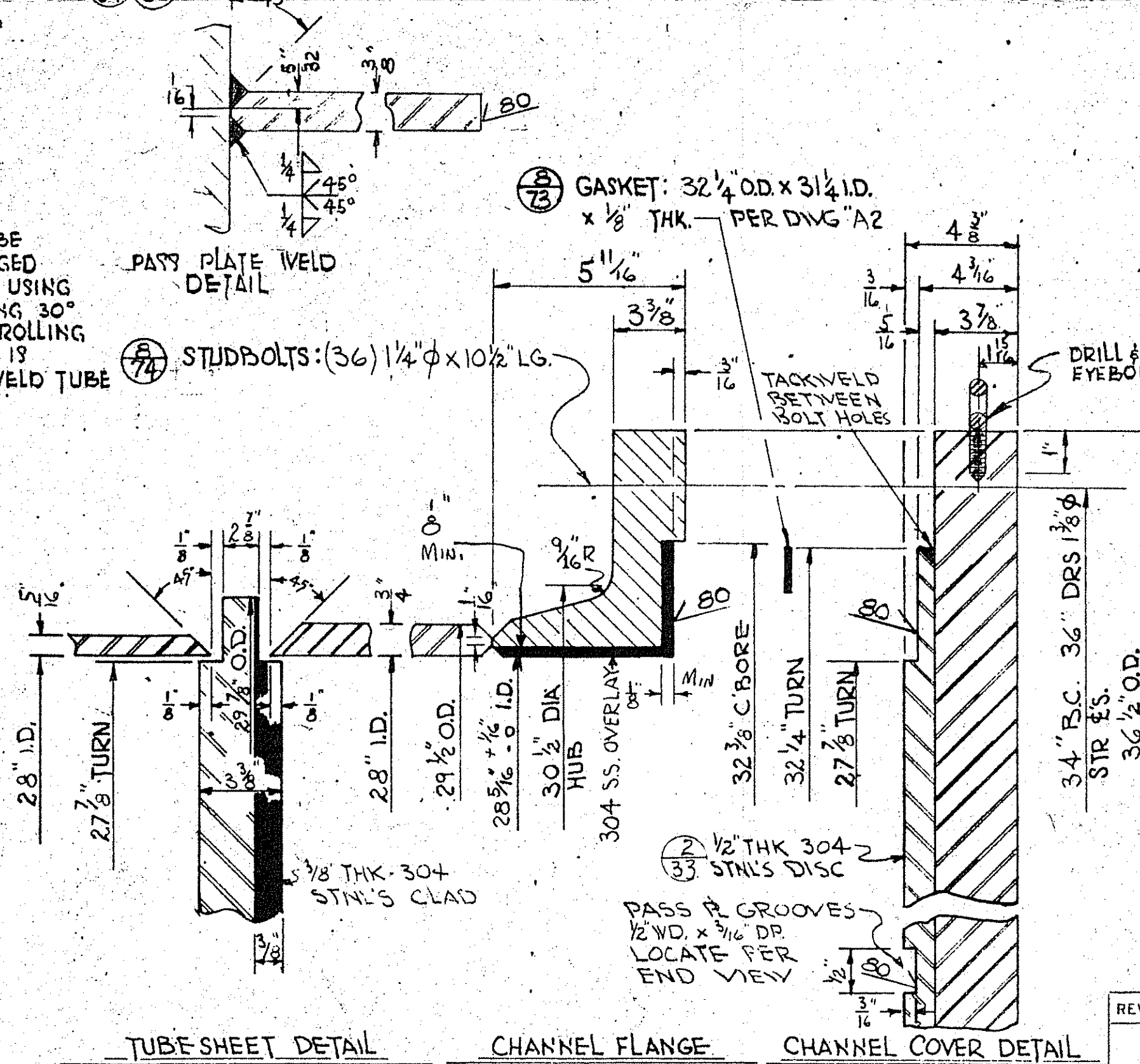
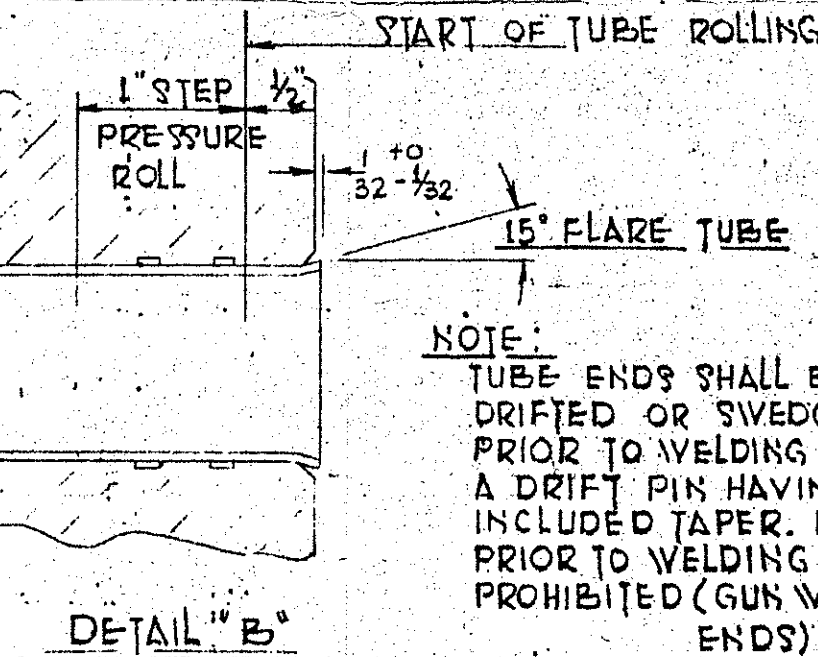
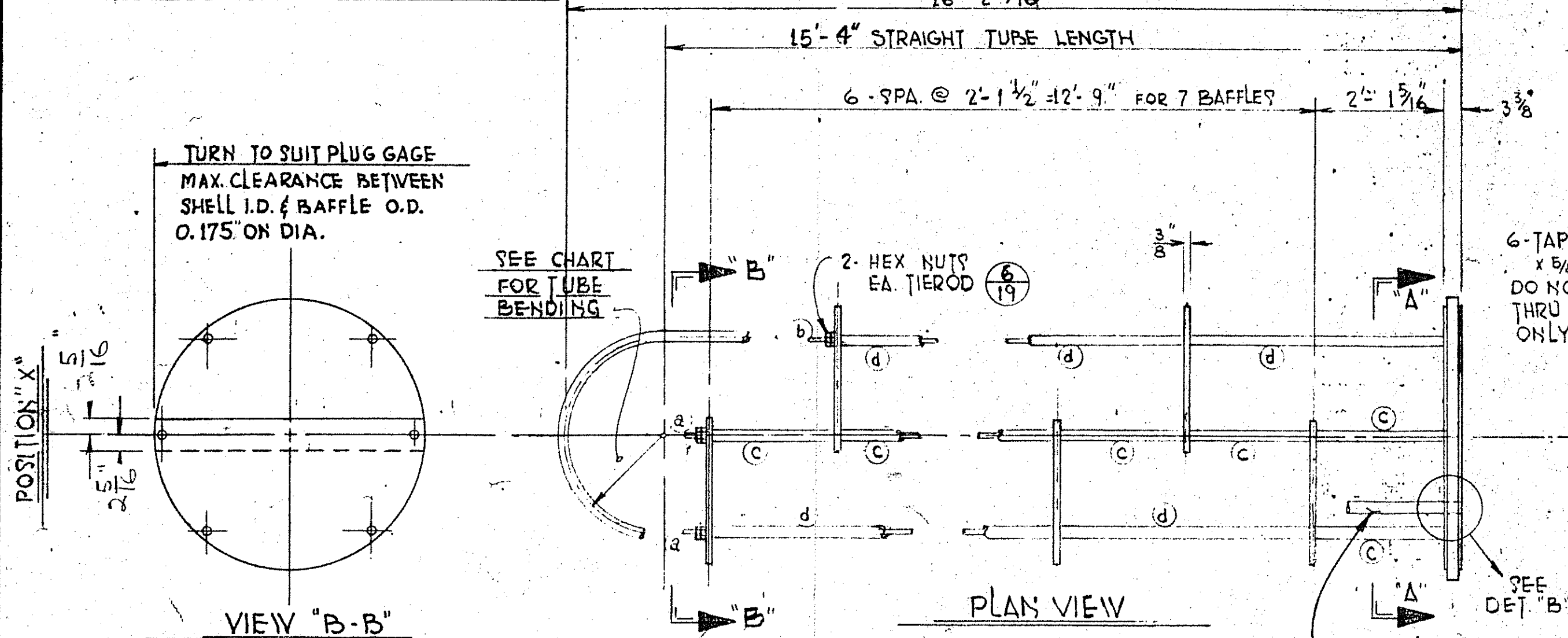
N° REQ'D	ROW	RAD.
24	1	1 1/2"
20	2	2 5/16"
82	3	3 3/8"
18	4	3 3/4"
22	5	4 3/4"
18	6	5 3/16"
20	7	6 3/8"
16	8	7 3/16"
16	9	8"
12	10	8 3/16"
12	11	9 3/8"
8	12	10 3/4"

"A" TIERODS 1/2" φ

N° REQ'D	"A"
4	15'-2"
2	13'-0 1/2"

"B" SPACERS 3/4" OD

N° REQ'D	"B"
16	2'-1 1/8"
12	4'-2 3/8"



GENERAL NOTES:
 ALL BOLT HOLES STR & S.
 ALL PIPE COUP. ARE 3000\"/>

HERCULES INC.
 CUST. ORD. N° 336-026-01090-11-000-FCO
 MECH. PREHEATER (ITEM - B)
 EQUIP. N° 3-E-20312-E-2203-12
 S.W. ORD. N° 66-94-6220
 TWO (2) UNITS REQ'D.

B.P.F. NO. 37339 DATE 3/30/67
 SHEET 3 APPARATUS E-20312
 PROJECT & ACCOUNT 26001 2001
 ORDER NO. 336-026-01090

PLANT APPROVED *Wilmington*
H. A. Williams

DETAILS FOR 28-15U18-6H HEAT EXCHANGER

DRAWN: T.E.B. 12-1-67
 CHECKED: *[Signature]* E-22
 APPROVED: *[Signature]*
 SCALE: CHD DATE: *[Blank]*

104123

66-94-6220 D1
 GULFPORT, MISS.