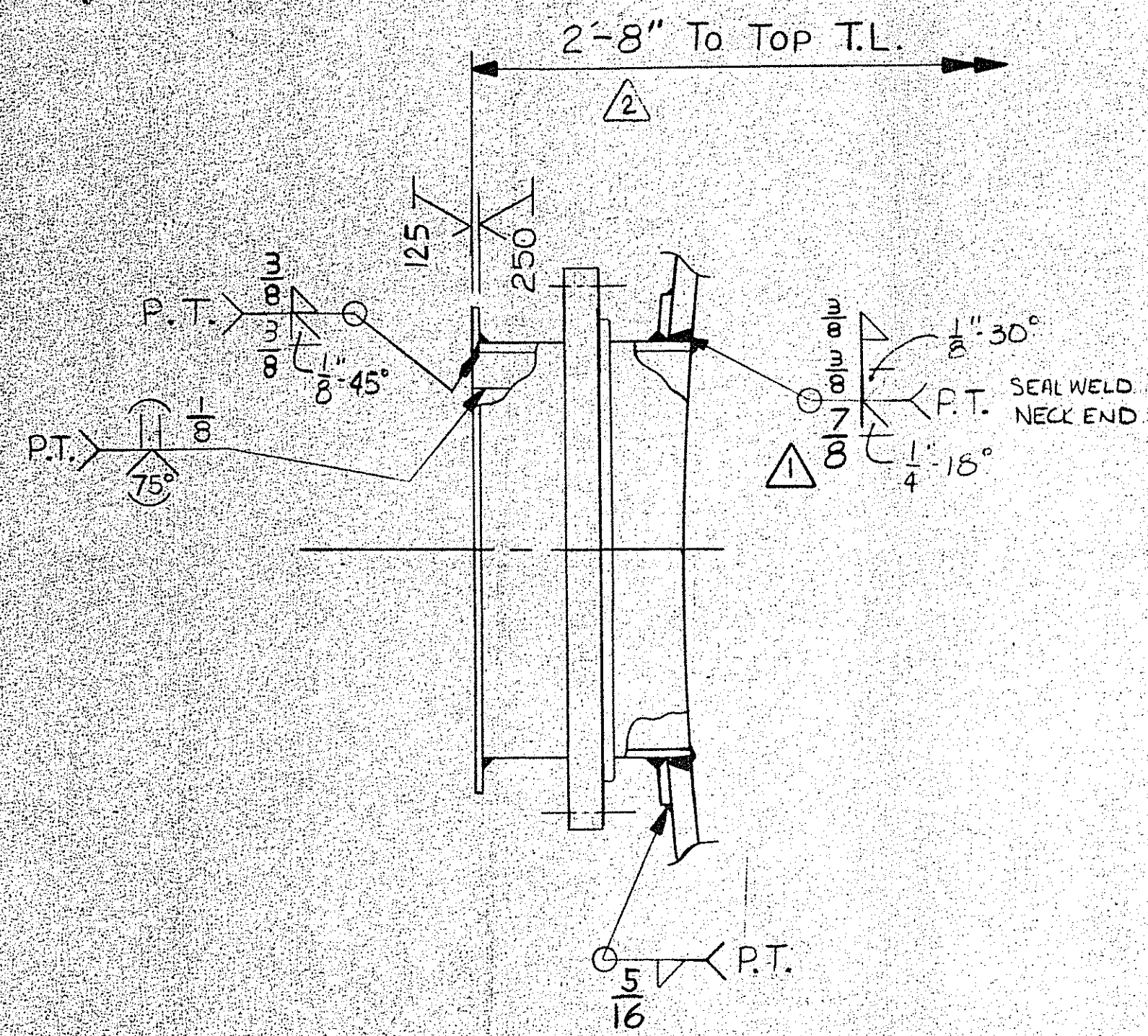
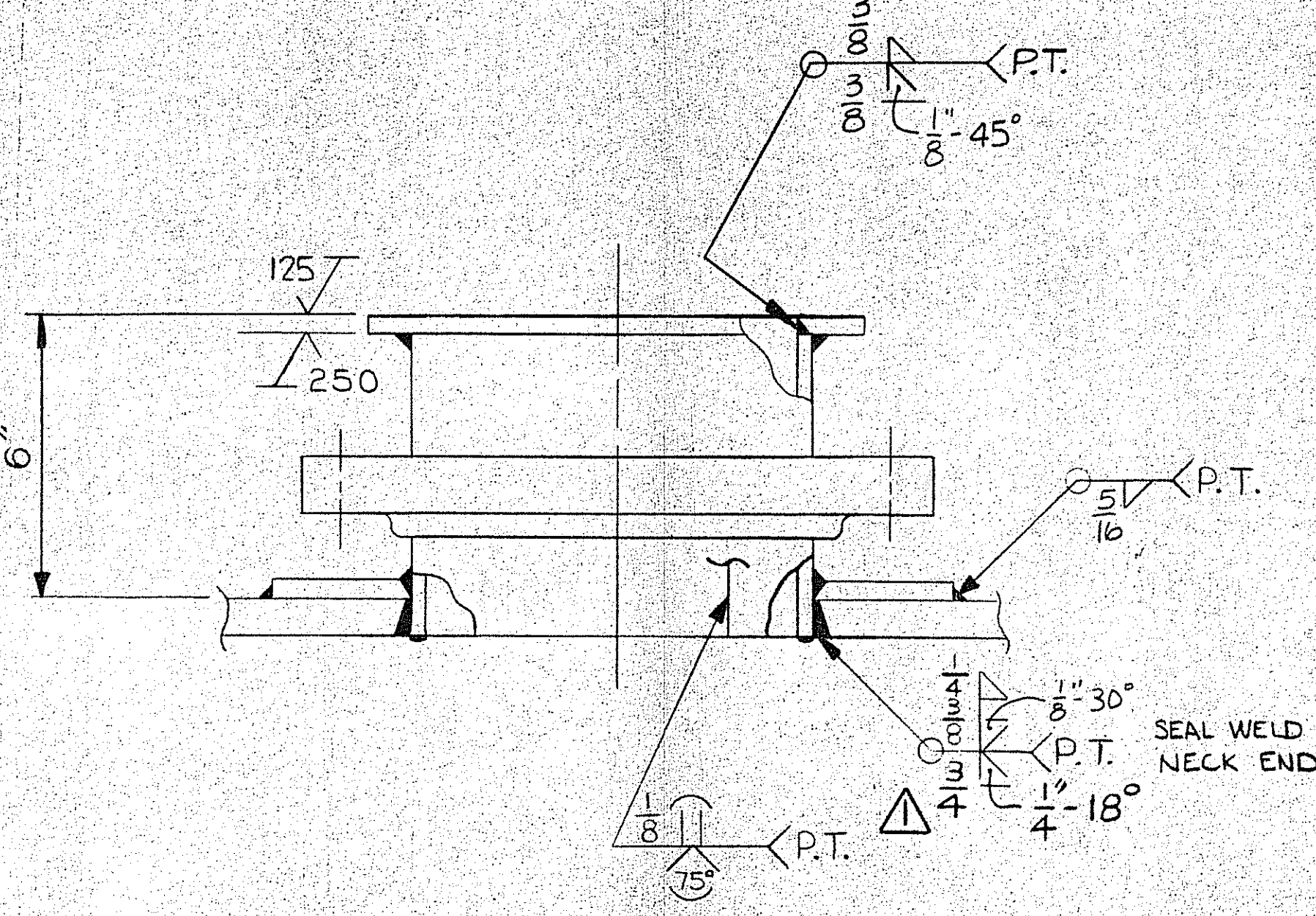
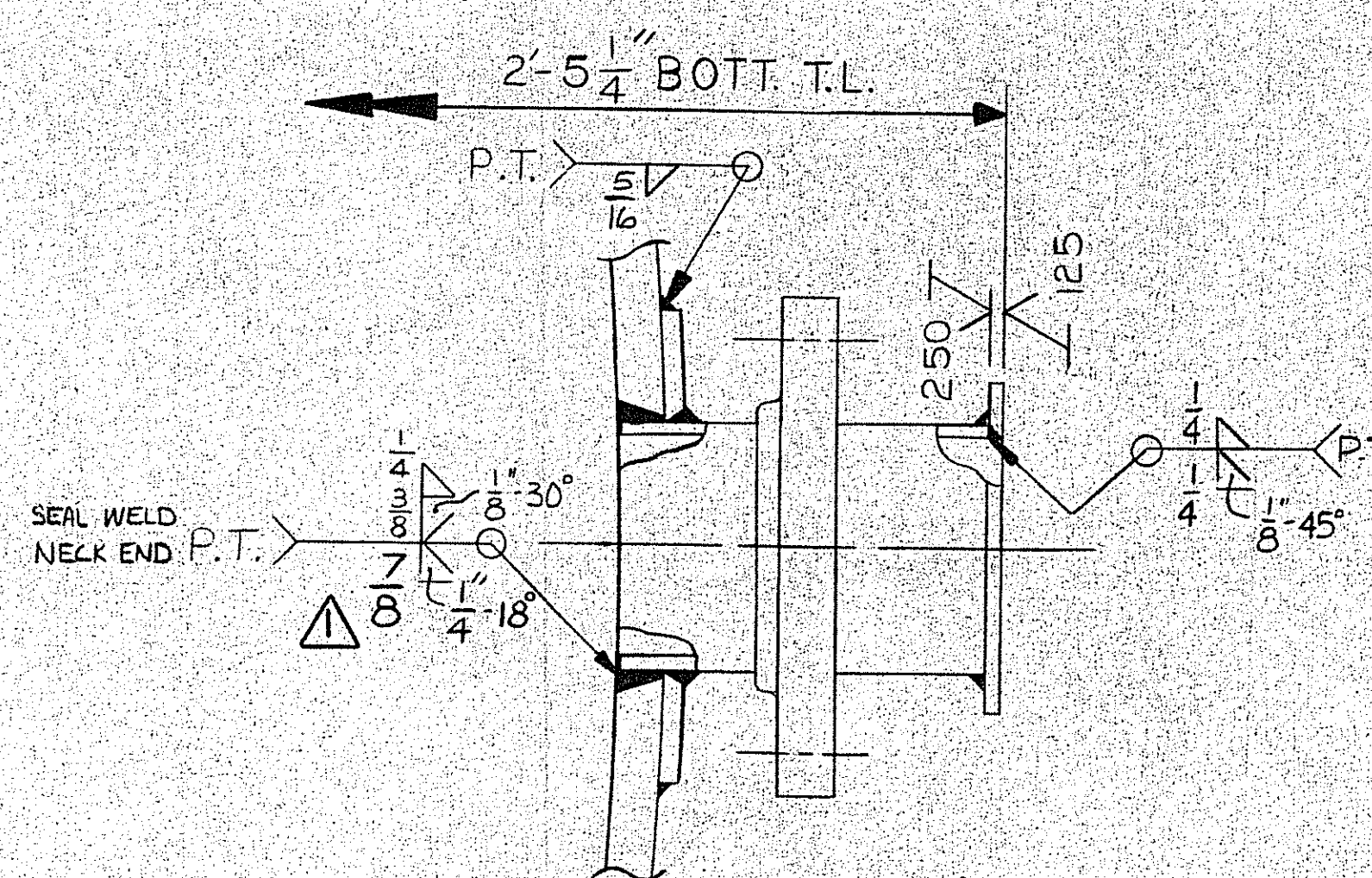




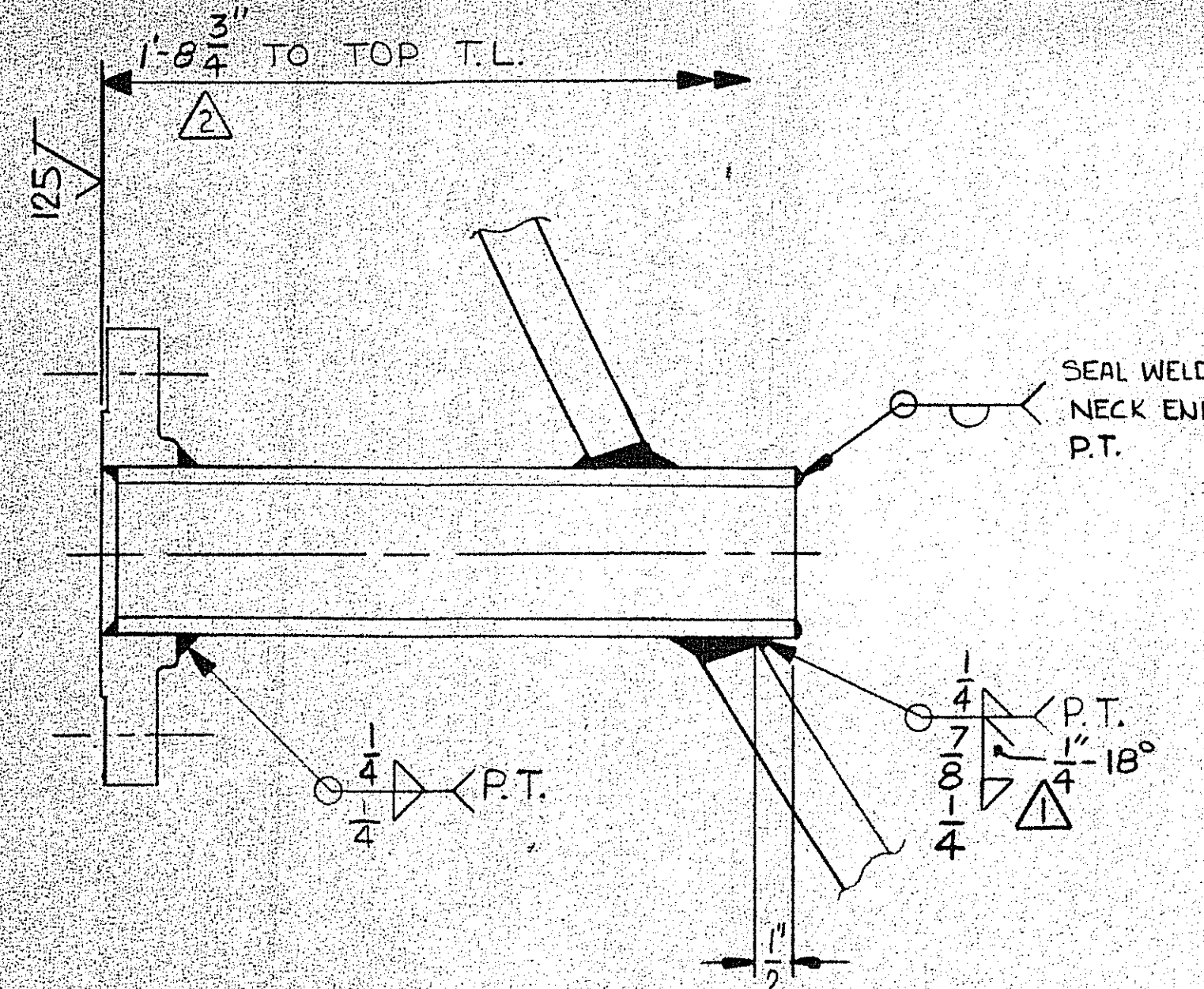
- (110) FLANGE: 18"-150 #L.J. (SA-182-F304L)
- (111) NECK: 3/8" THK. x 1'-6" O.D. (SA-240-304L)
- (112) LAP: 3/8" MIN. FIN. THK. x 1'-9" O.D. R. (SA-240-304L)
- (113) REINF. PAD: 3/8" THK. x 2" WD (SA-240-304L) WITH 1/8" N.P.T.



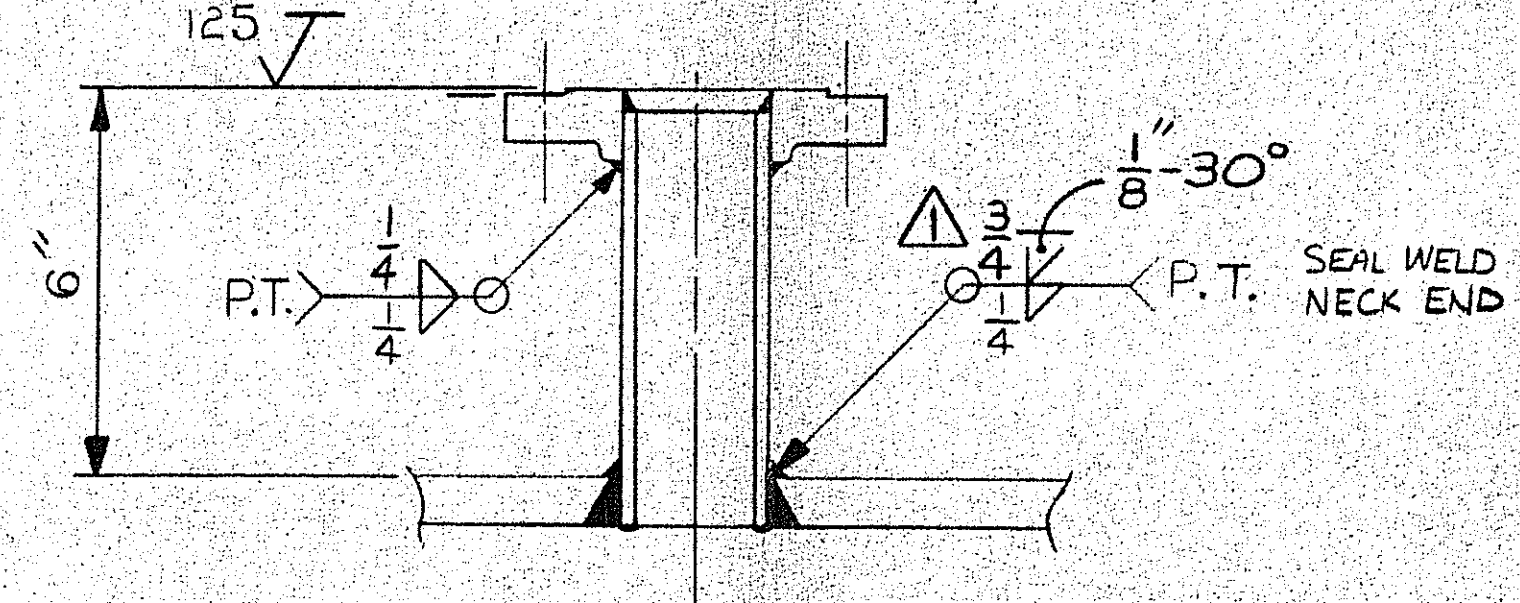
- (114) FLANGE: 8"-150 #L.J. (SA-182-F304L)
- (115) NECK: 3/8" THK. x 8 3/8" O.D. (SA-240-304L)
- (116) LAP: 3/8" MIN. FIN. THK. x 10 3/8" O.D. R. (SA-240-304L)
- (117) REINF. PAD: 3/8" THK. x 3" WD (SA-240-304L) WITH 1/8" N.P.T.



- (118) FLANGE: 4"-150 #L.J. (SA-182-F304L)
- (119) NECK: 4" SCH. 40 PIPE (SA-312-304L)
- (120) LAP: 4" MIN. FIN. THK. x 6 3/8" O.D. R. (SA-240-304L)
- (121) REINF. PAD: 3/8" THK. x 2" WD (SA-240-304L) WITH 1/8" N.P.T.



- (122) FLANGE: 2"-150 #S.D. (R.F.) (SA-182-F304L)
- (123) NECK: 2" SCH. 80 PIPE (SA-312-304L)



- (124) FLANGE: 2"-150 #S.D. (R.F.) (SA-182-F304L)
- (125) NECK: 2" SCH. 80 PIPE (SA-312-304L)

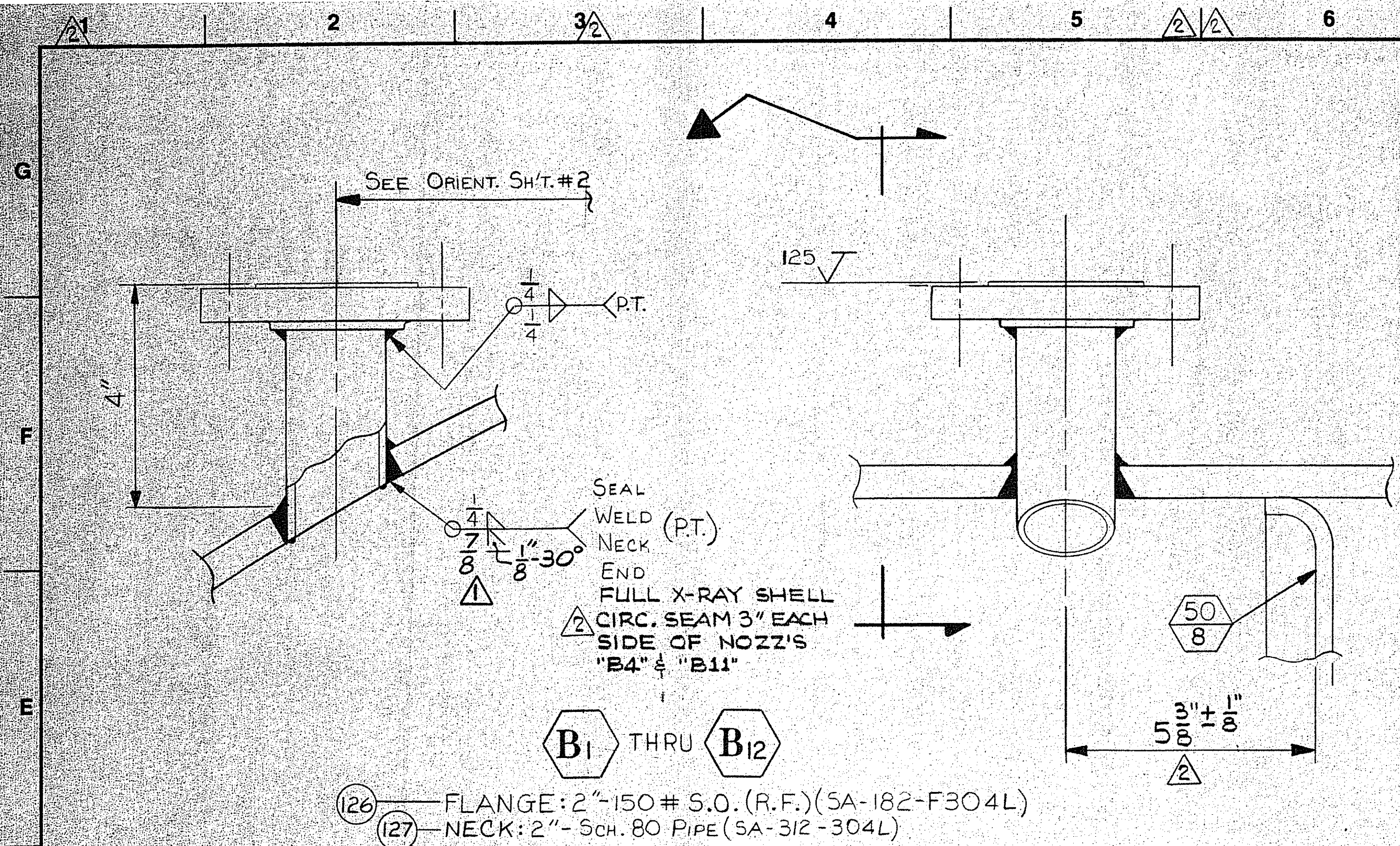
E.I. DUPONT DE NEMOURS & CO.
 PLANT: BEAUMONT
 PROJECT NO.: 9157
 ORDER NO.: LBP-64962W
 EN NO.: 1801-7011-10

NOOTER CORPORATION
 P.O. BOX 451
 ST. LOUIS, MISSOURI 63166

NOZZLE DETAILS
 ~FOR~
ABSORBER COLUMN
 ~FOR~
E.I. DUPONT DE NEMOURS AND CO.
HOUSTON, TEXAS

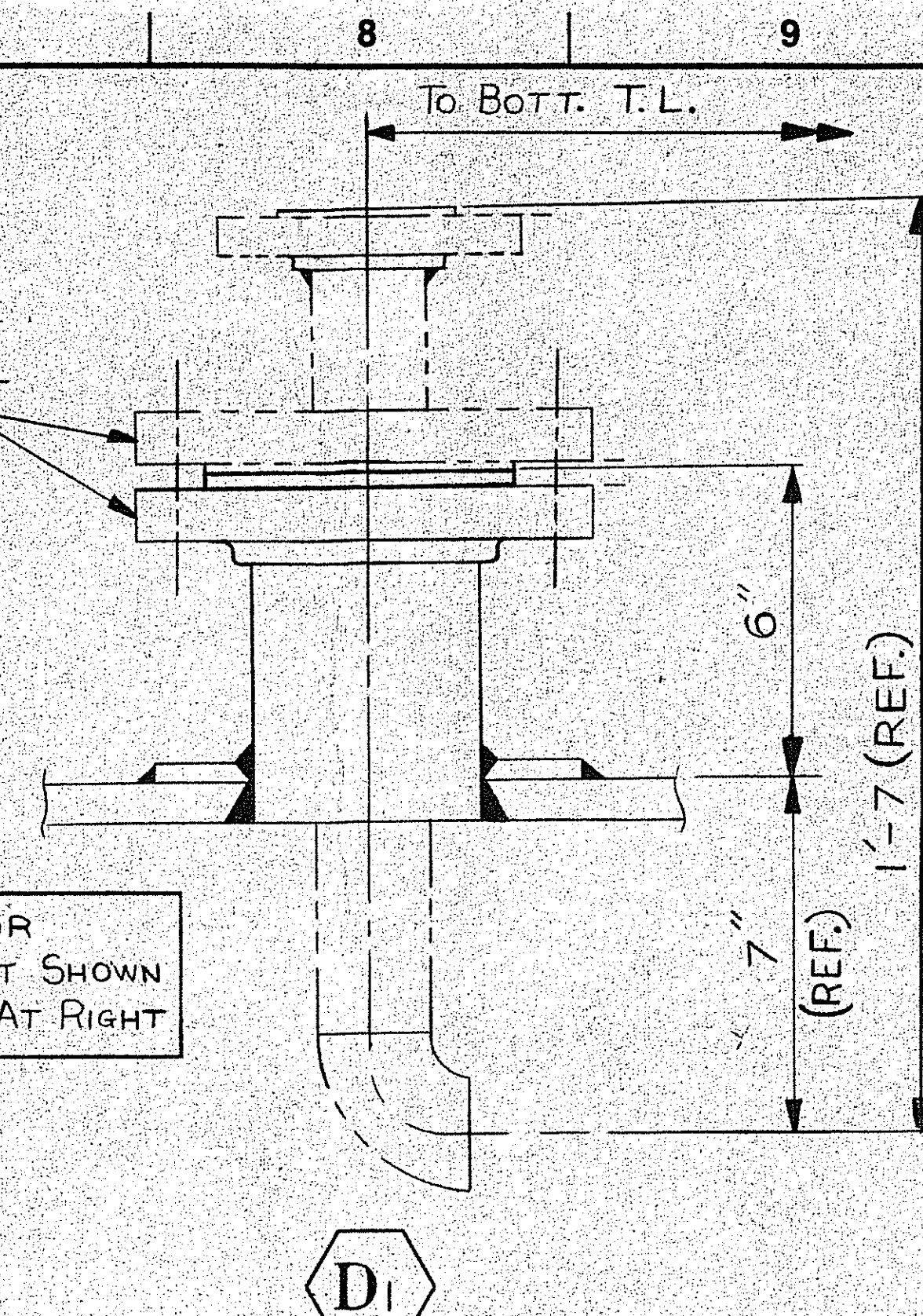
NO	DATE	REVISION	BY
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2	5-23-91	REV'D NOZ. 'A' & NOZ. 'C' PROJECTIONS	JD
1	3-20-91	REV'D WELDS PER CUST.	JD

DATE: 12-20-90
 DRAWN: J. HARDESTER
 DES: J. HARDESTER
 EXC: J. HARDESTER
 APPR: J. HARDESTER
 JOB NO: 913417
 DRG. NO: JN-D70964
SHEET 5

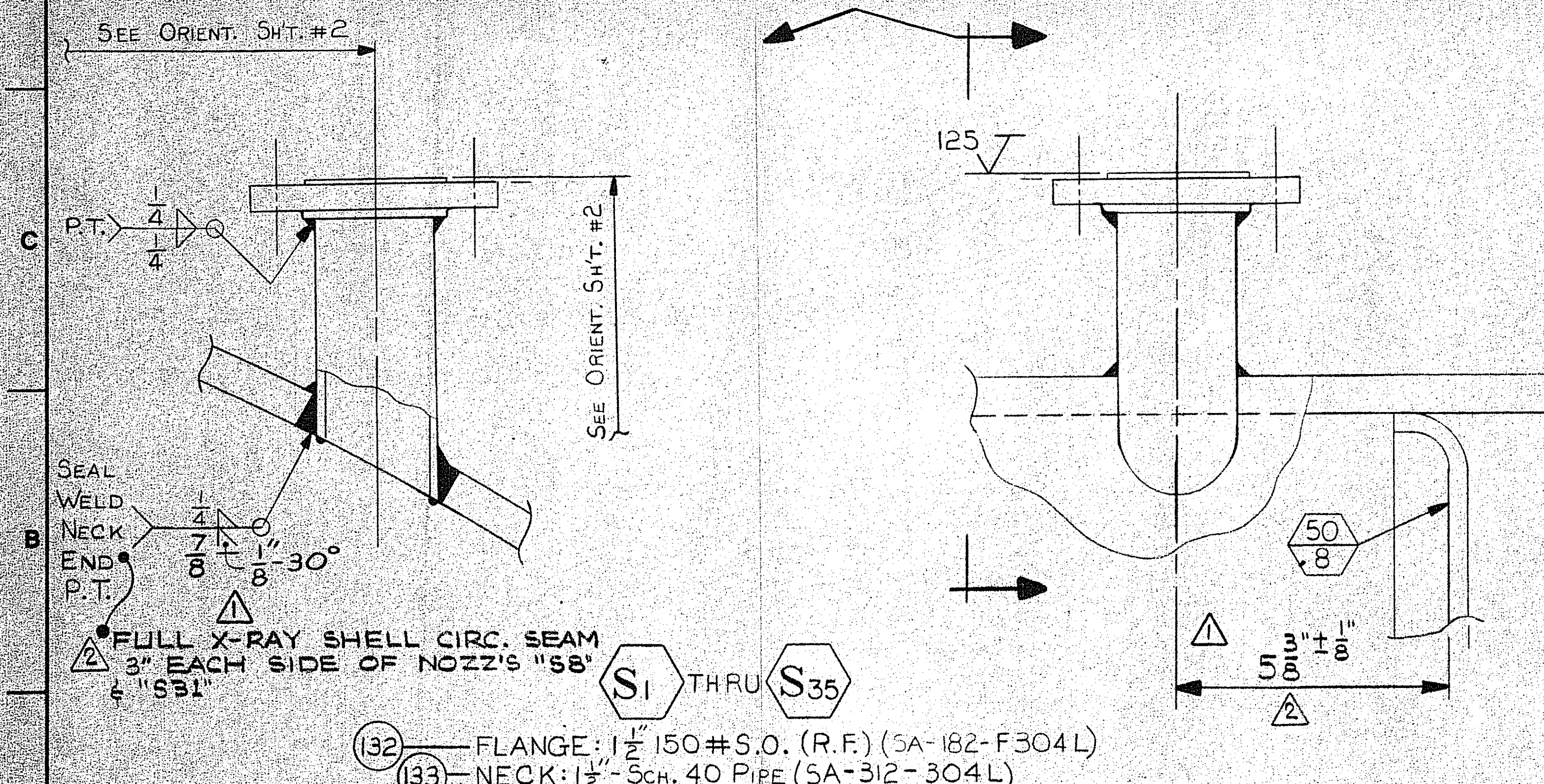
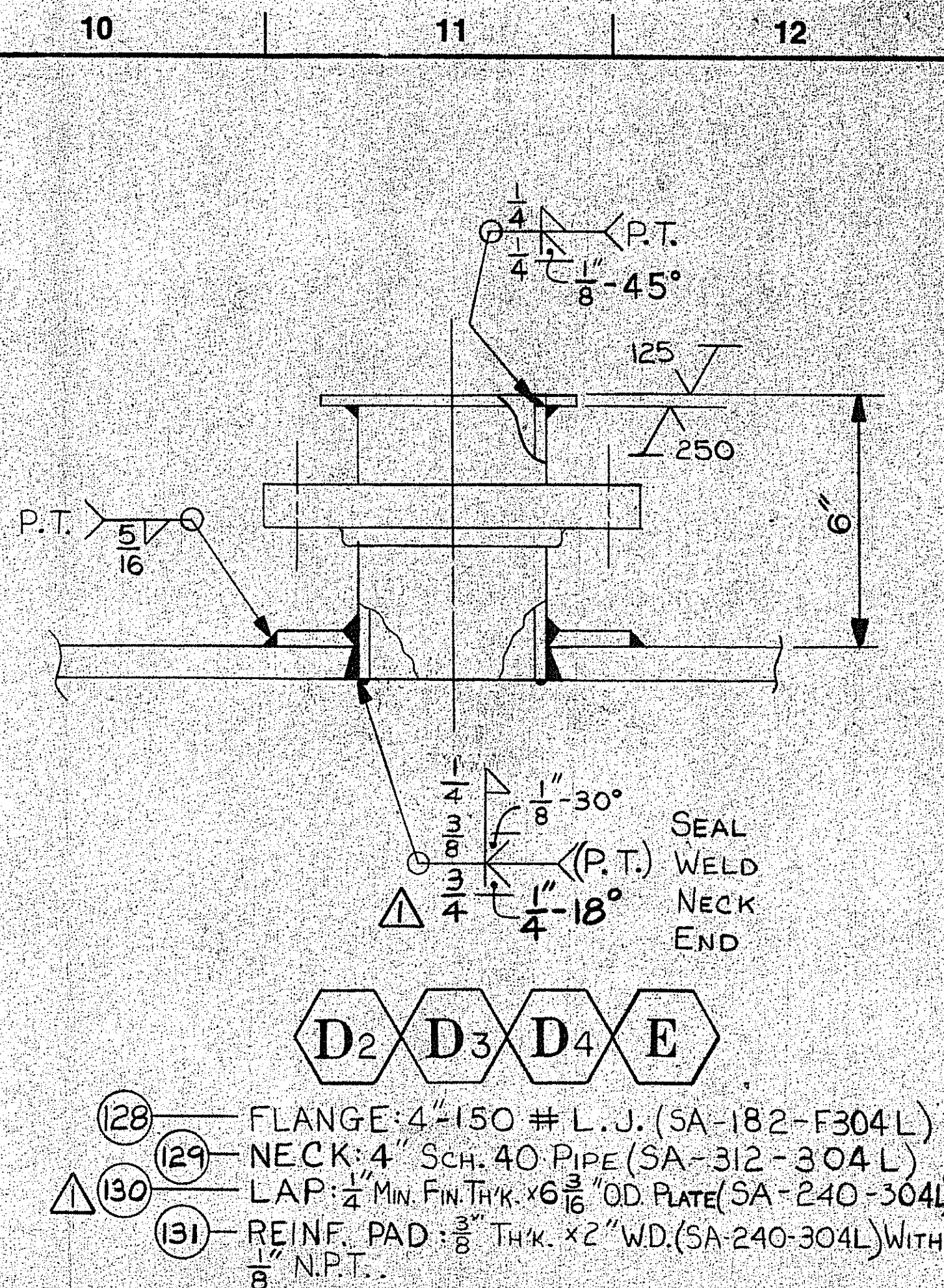


NOTE:
MATCH MARK
FLANGES

NOTE: FOR
DIMS. NOT SHOWN
SEE DET. AT RIGHT



NOTE:
CUST. TO FURN. & INSTALL DIP-TUBE ASS'Y.



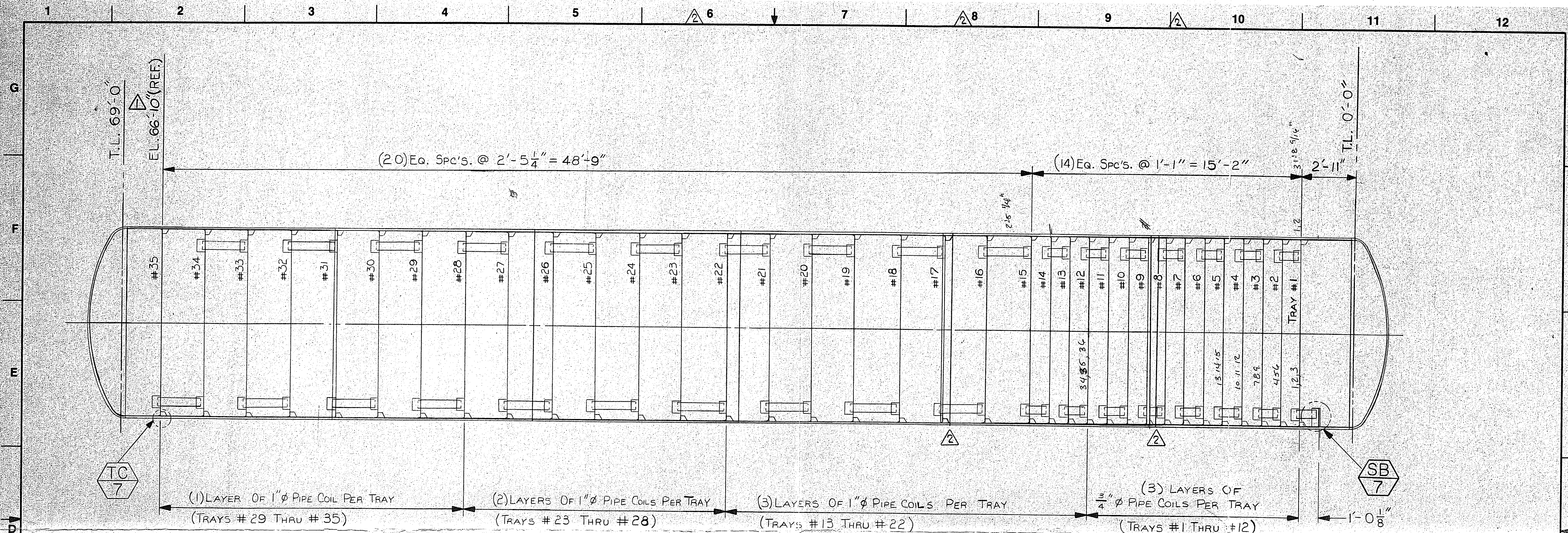
E. I. DUPONT DE NEMOURS & CO.
PLANT BEAUMONT
PROJECT NO. 9157
ORDER NO. LBP-64962W
EN NO. 1801-7011-10

NOOTER CORPORATION
P.O. BOX 451
ST. LOUIS, MISSOURI 63166

NOZZLE DETAILS
FOR
ABSORBER COLUMN
FOR
E. I. DUPONT DE NEMOURS & CO.
HOUSTON, TEXAS

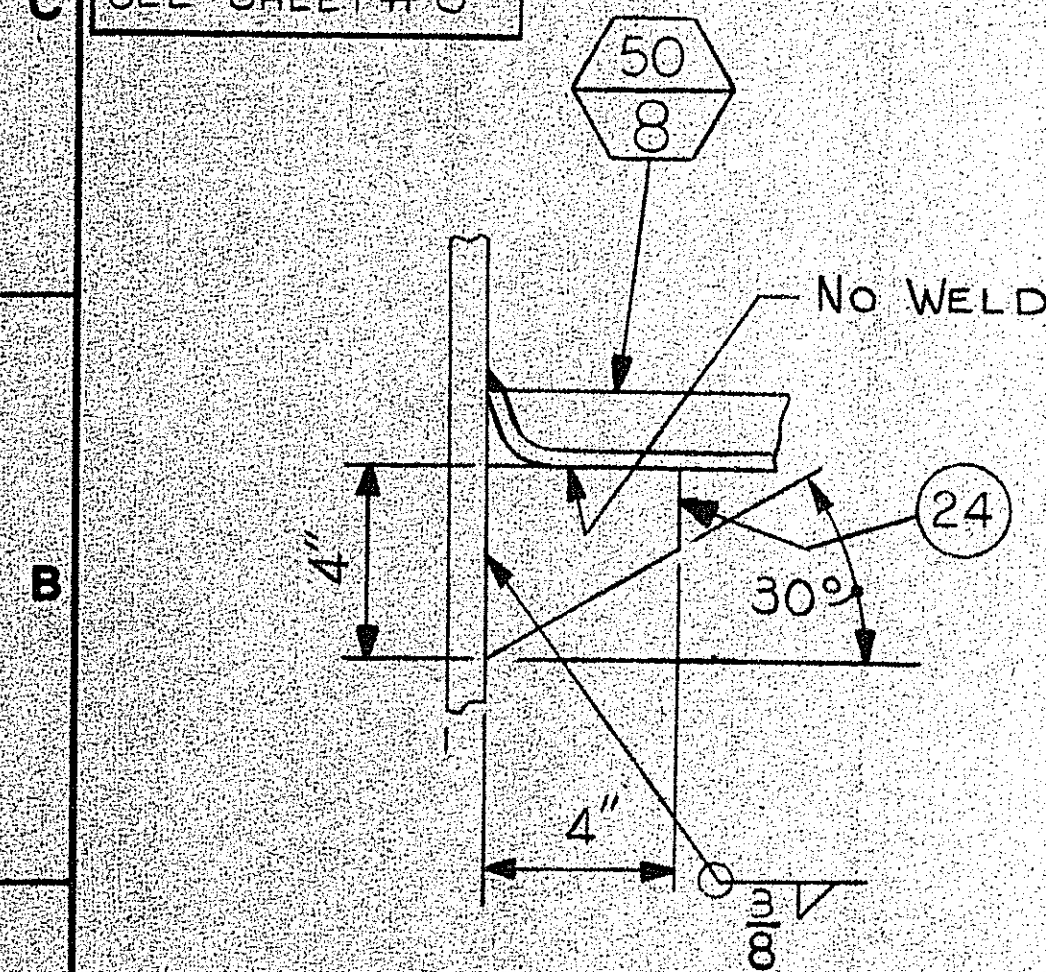
DATE 12-27-90
DRAWN J. HARDESTER
JOB NO. 913417
CHK. 1/3/91
DES. EEC
DRG. NO. JN-D 70964
APPR. LISA KROBA
APPR. M. KERRY
SHEET 6

NO	DATE	REVISION	BY
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2	4-12-91	REV'D DIMS IN DETS B1 THRU B12 & S1 THRU S35. ADD'D FULL X-RAY SHELL CIRC. SEAM	SG
1	3-20-91	REV'D WELDS PER CUST.	SG

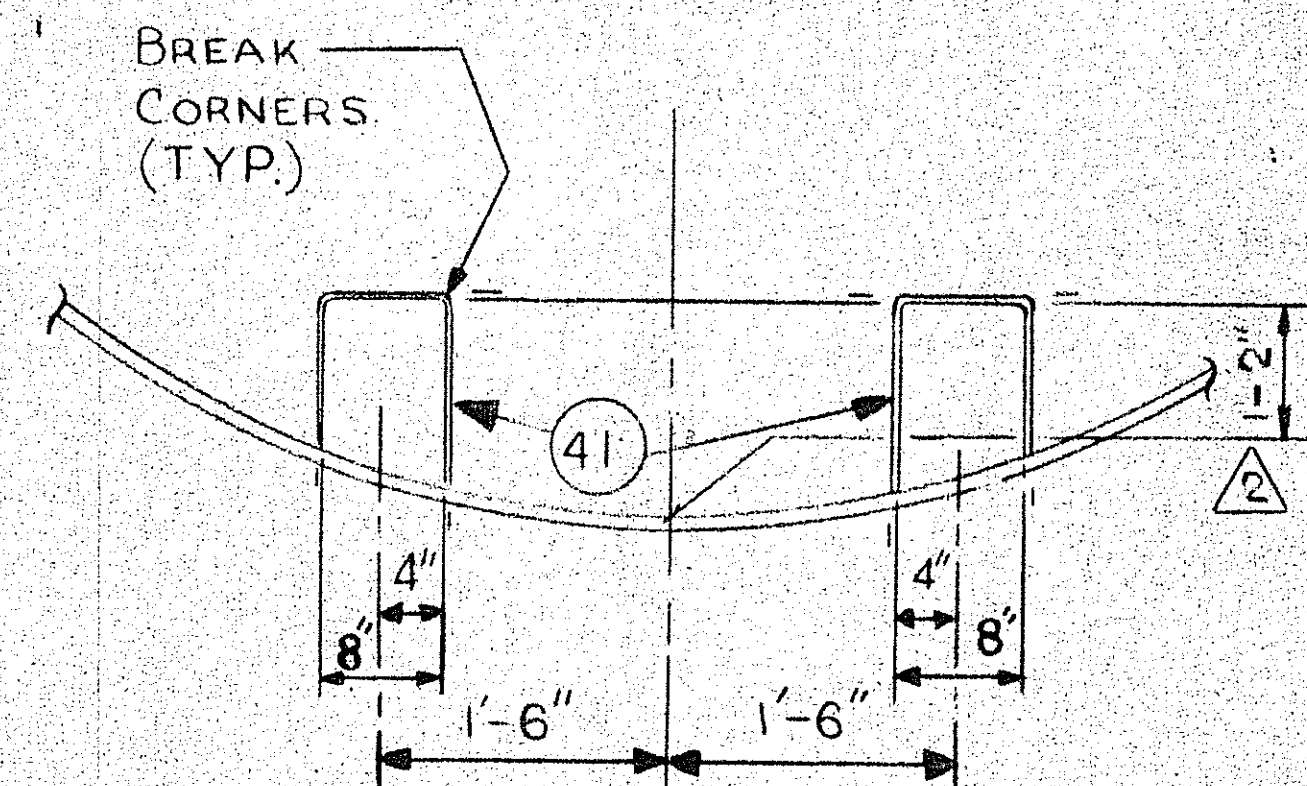


NOTE: ALL TRAY DIMENSIONS FROM TOP TO TOP OF TRAYS

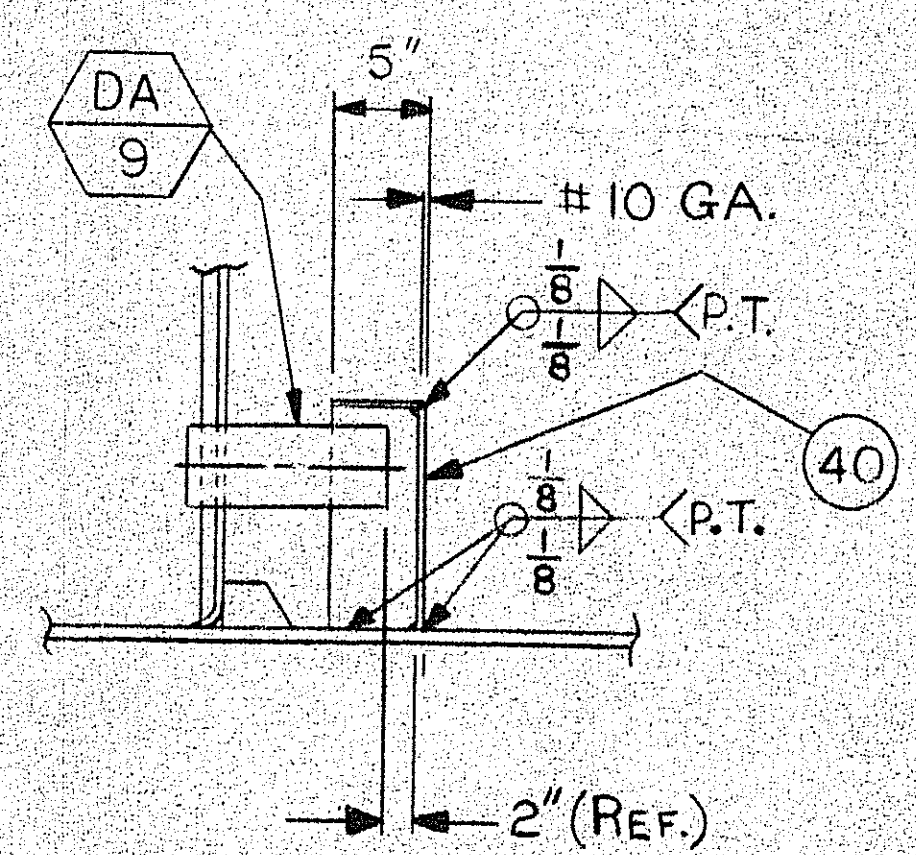
NOTE:
FOR TRUE ORIENT.
SEE SHEET #8



(24) (420) 3/8" THK. TRAY CLIPS
(SA-240-304L)
[(12) REQ'D. PER TRAY]



(40) (2) #10 GA. BOT. PLATE (SA-240-304L)
(41) (2) #10 GA. SIDE PLATE (SA-240-304L)



E.I. DUPONT DE NEMOURS & CO.
PLANT BEAUMONT,
PROJECT NO. 9157
ORDER NO. LBP-64962 W
EN NO. 1801-7011-10

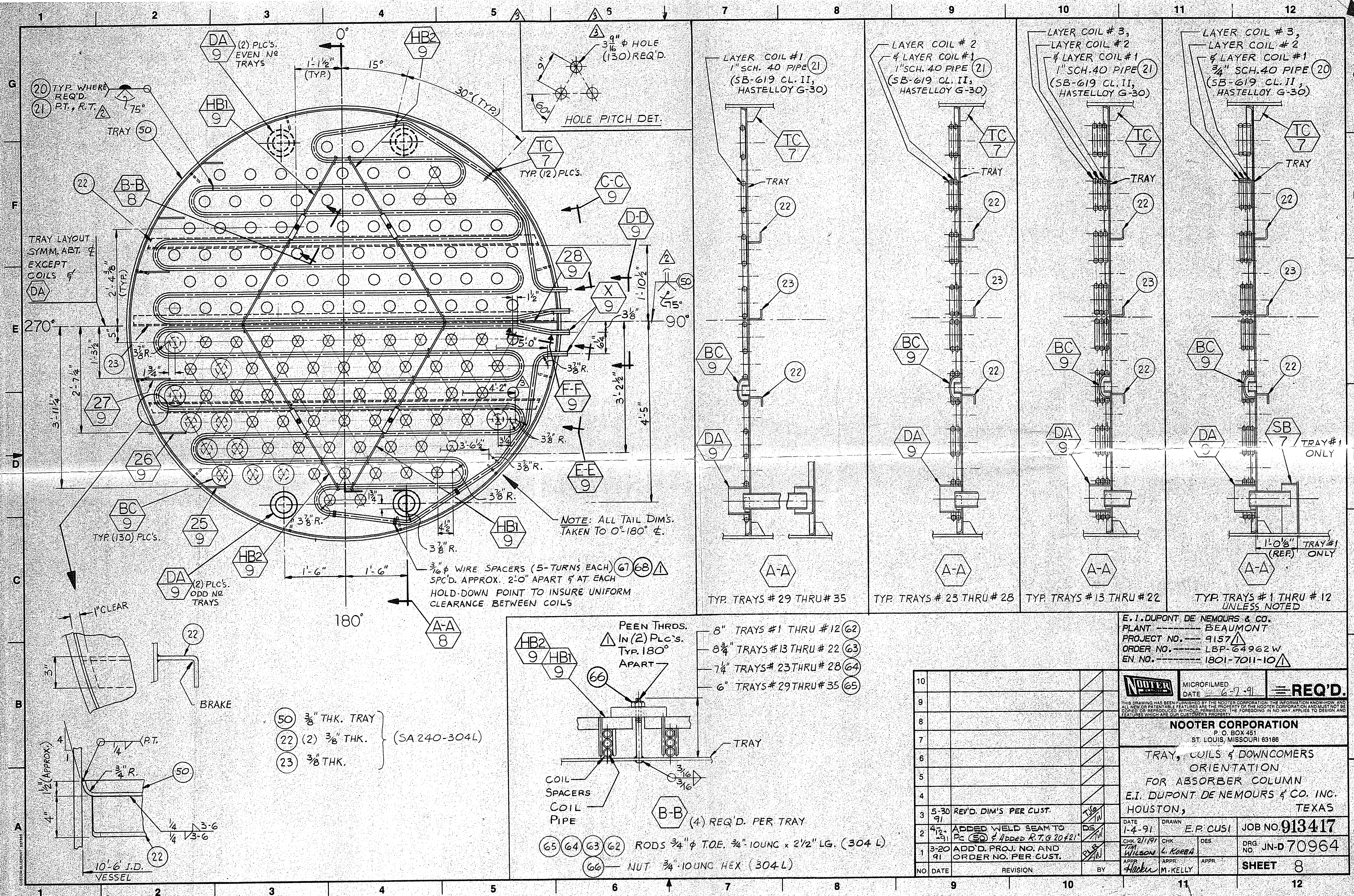
NOOTER CORPORATION
P. O. BOX 451
ST. LOUIS, MISSOURI 63166

TRAY ELEVATION
FOR
ABSORBER COLUMN
FOR
E.I. DUPONT DE NEMOURS & CO.
HOUSTON, TEXAS

NO.	DATE	REVISION	BY
10			
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2	4-2-91	REV'D LOC. OF CIRC. SMS CLARIFIED DIM. LINE IN DET. SB	DS
1	3-20-91	REV'D DIM. ADDED PROJ. NO. & ORDER NO.	DS

DATE 1/3/91
DRAWN J. HARDESTER
CHK. LISA KORDA
APP. H. K. KELLY

JOB NO. 913417
DRG. NO. JN-D70964
SHEET 7



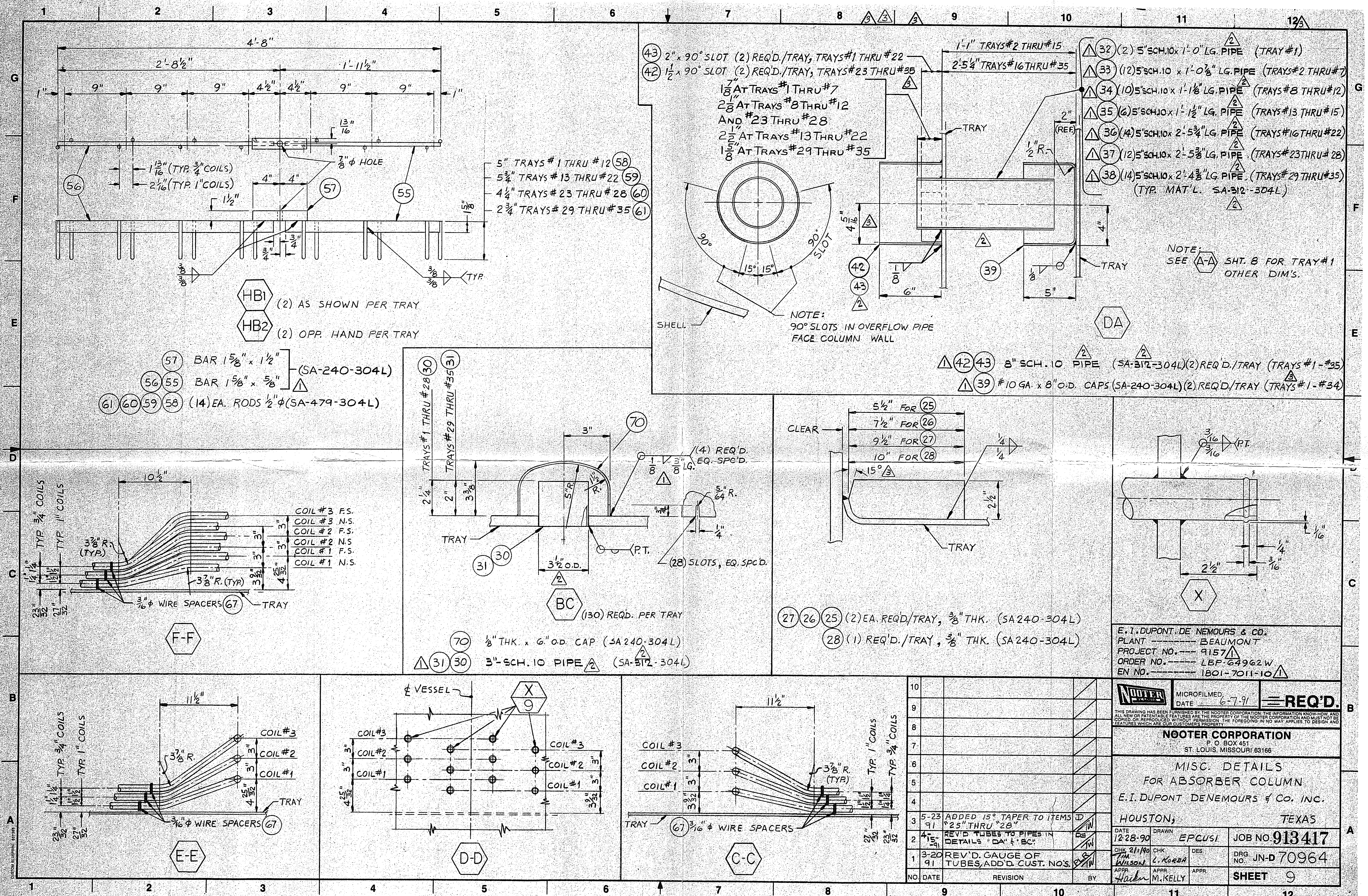
E. I. DUPONT DE NEMOURS & CO.
PLANT BEAUMONT
PROJECT NO. 9157
ORDER NO. LBP-64962W
EN NO. 1801-7011-10

NOOTER CORPORATION
P.O. BOX 451
ST. LOUIS, MISSOURI 63186

TRAY, COILS & DOWNCOMERS
ORIENTATION
FOR ABSORBER COLUMN
E. I. DUPONT DE NEMOURS & CO. INC.
HOUSTON, TEXAS

DATE 1-4-91
DRAWN E.P. CUSI
JOB NO. 913417
CHK. 2/1/91
DES. L. KORBA
DRG. NO. JN-D 70964
APPR. M. KELLY
SHEET 8

NO.	DATE	REVISION	BY
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3	5-30-91	REV'D. DIM'S PER CUST.	JS
2	4-12-91	ADDED WELD SEAM TO PC (50) & ADDED R.T. 20421	DS
1	3-20-91	ADD'D. PROJ. NO. AND ORDER NO. PER CUST.	JS



E.I. DUPONT DE NEMOURS & CO.
 PLANT BEAUMONT
 PROJECT NO. 9157
 ORDER NO. LBP-64962 W
 EN NO. 1801-7011-10

REQ'D.

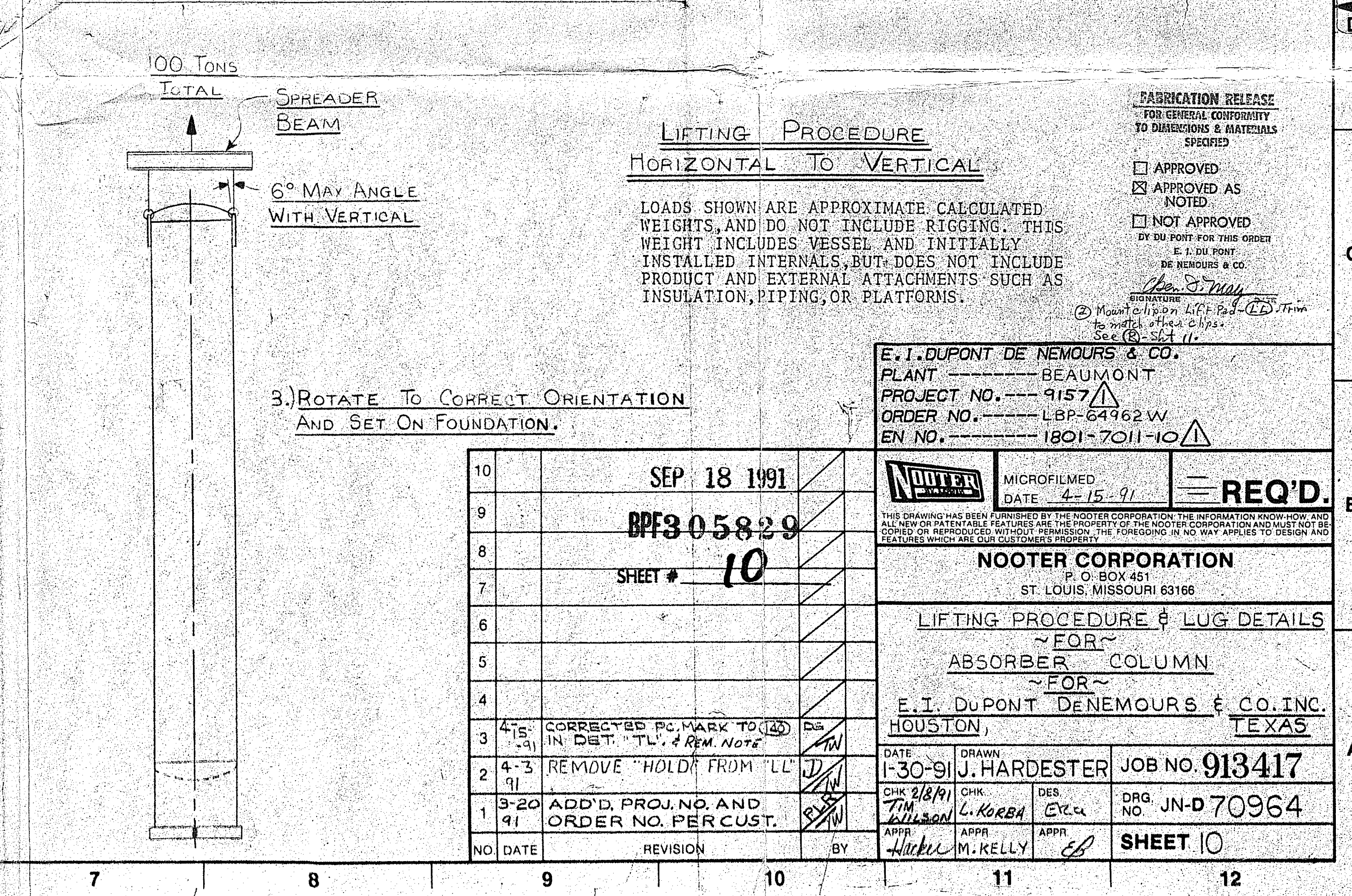
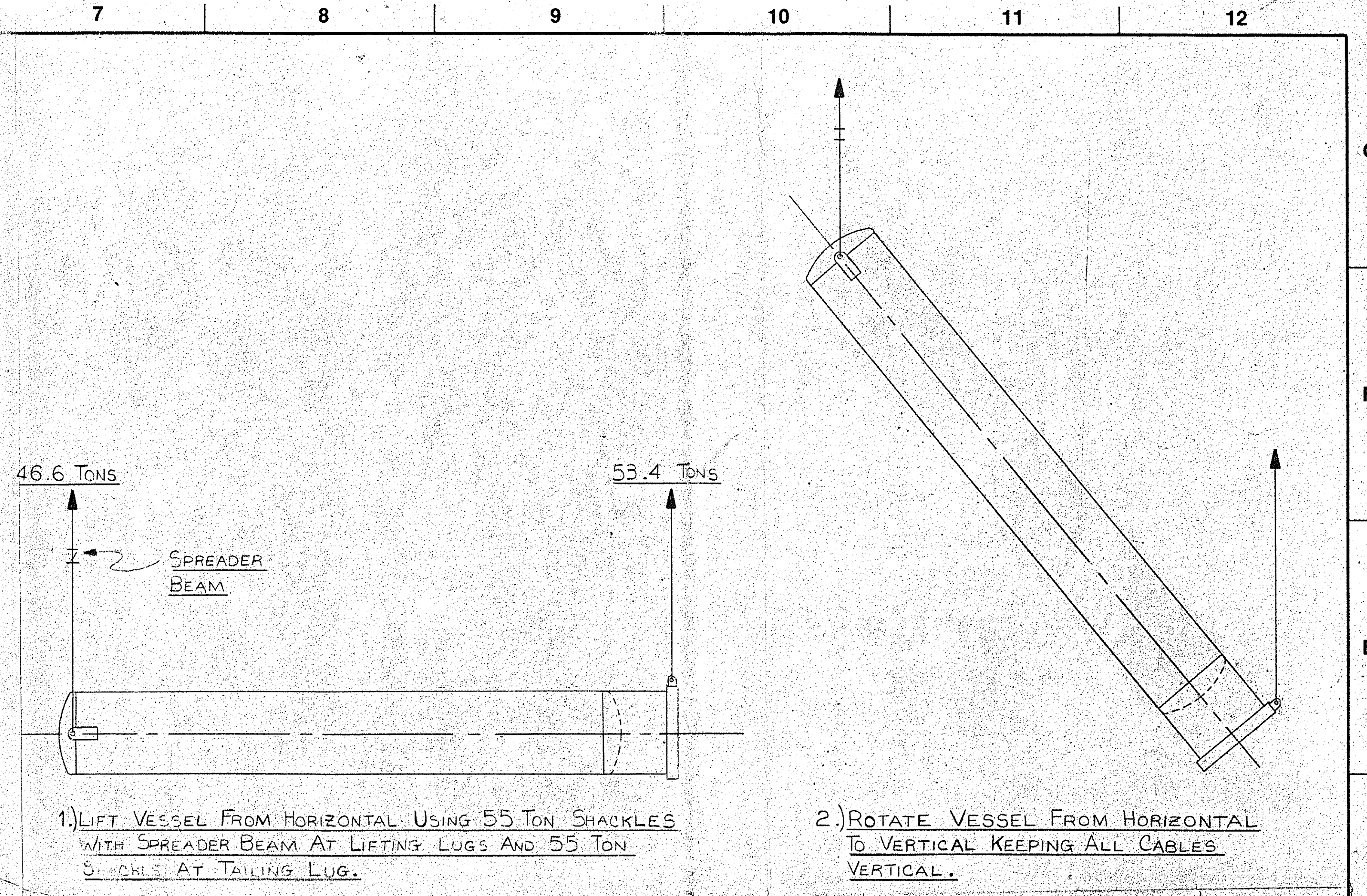
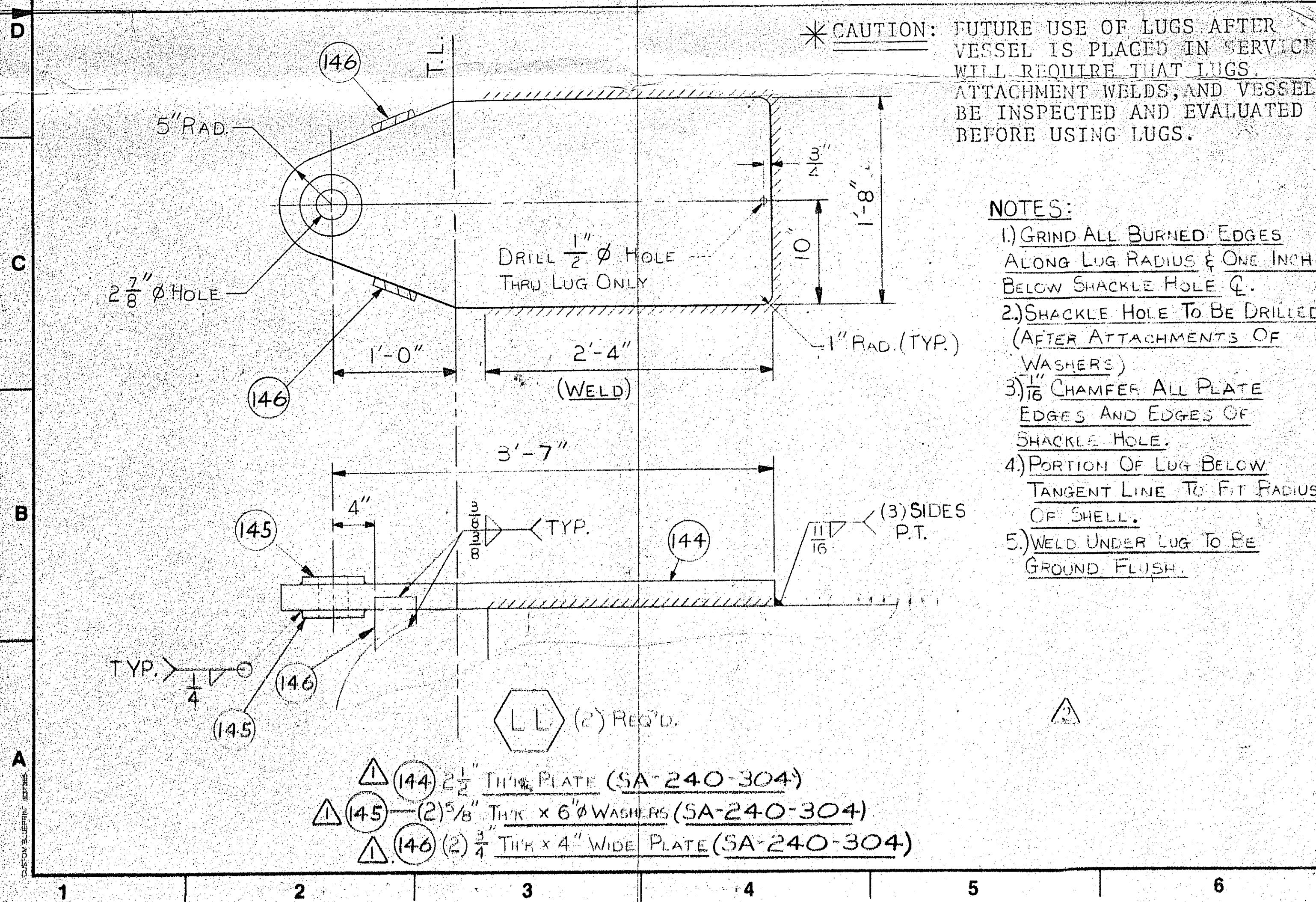
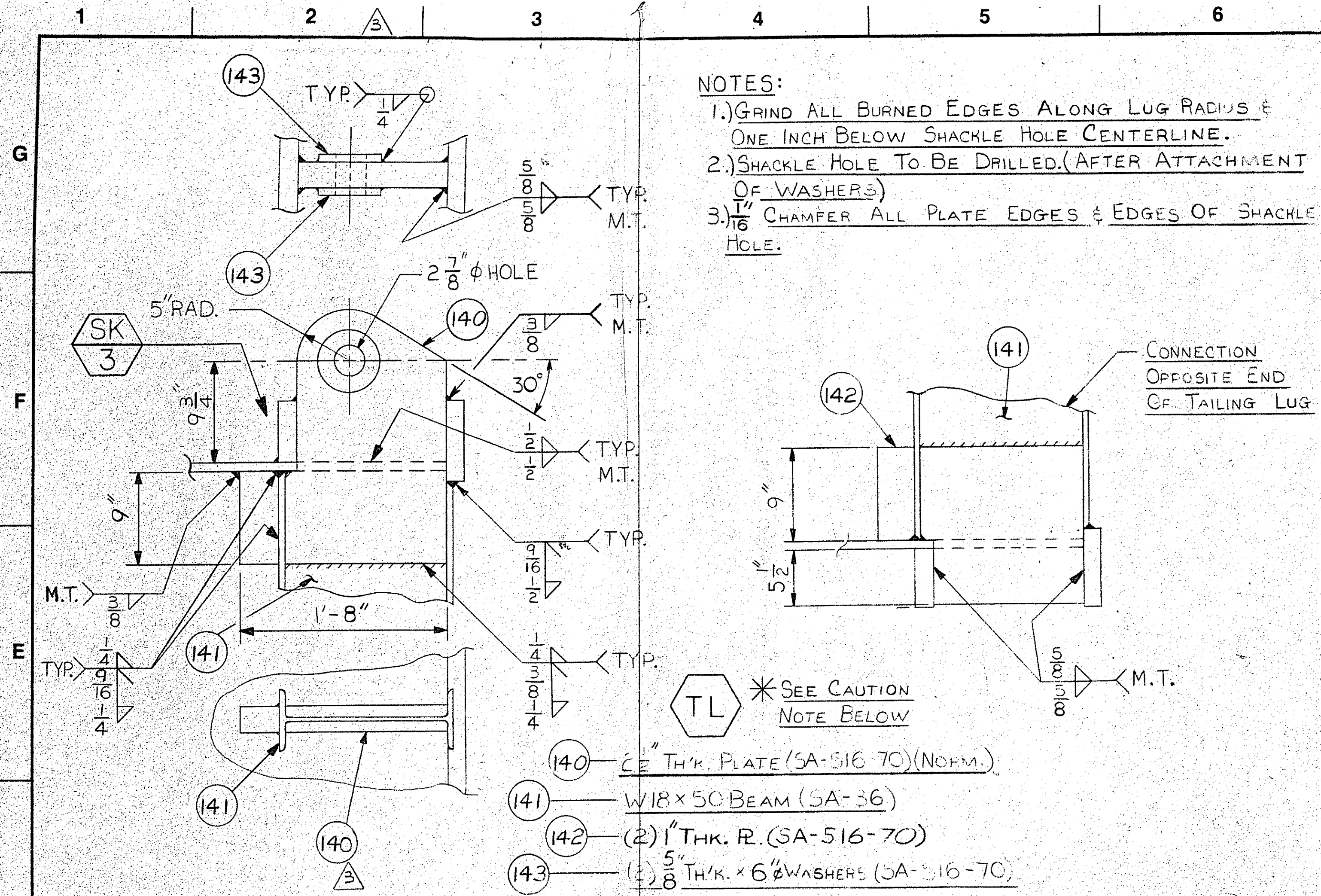
Nooter Corporation
 P.O. BOX 451
 ST. LOUIS, MISSOURI 63166

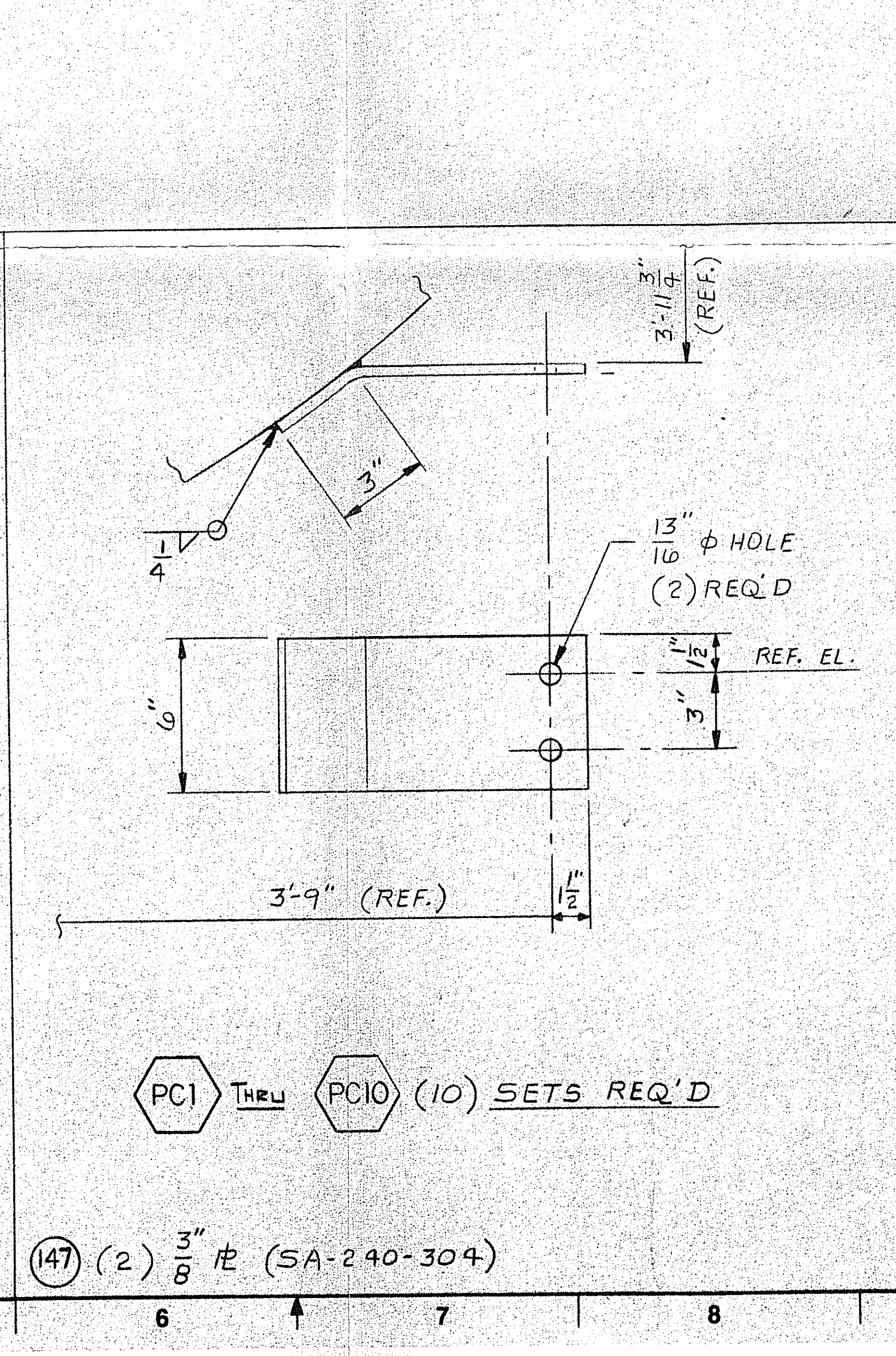
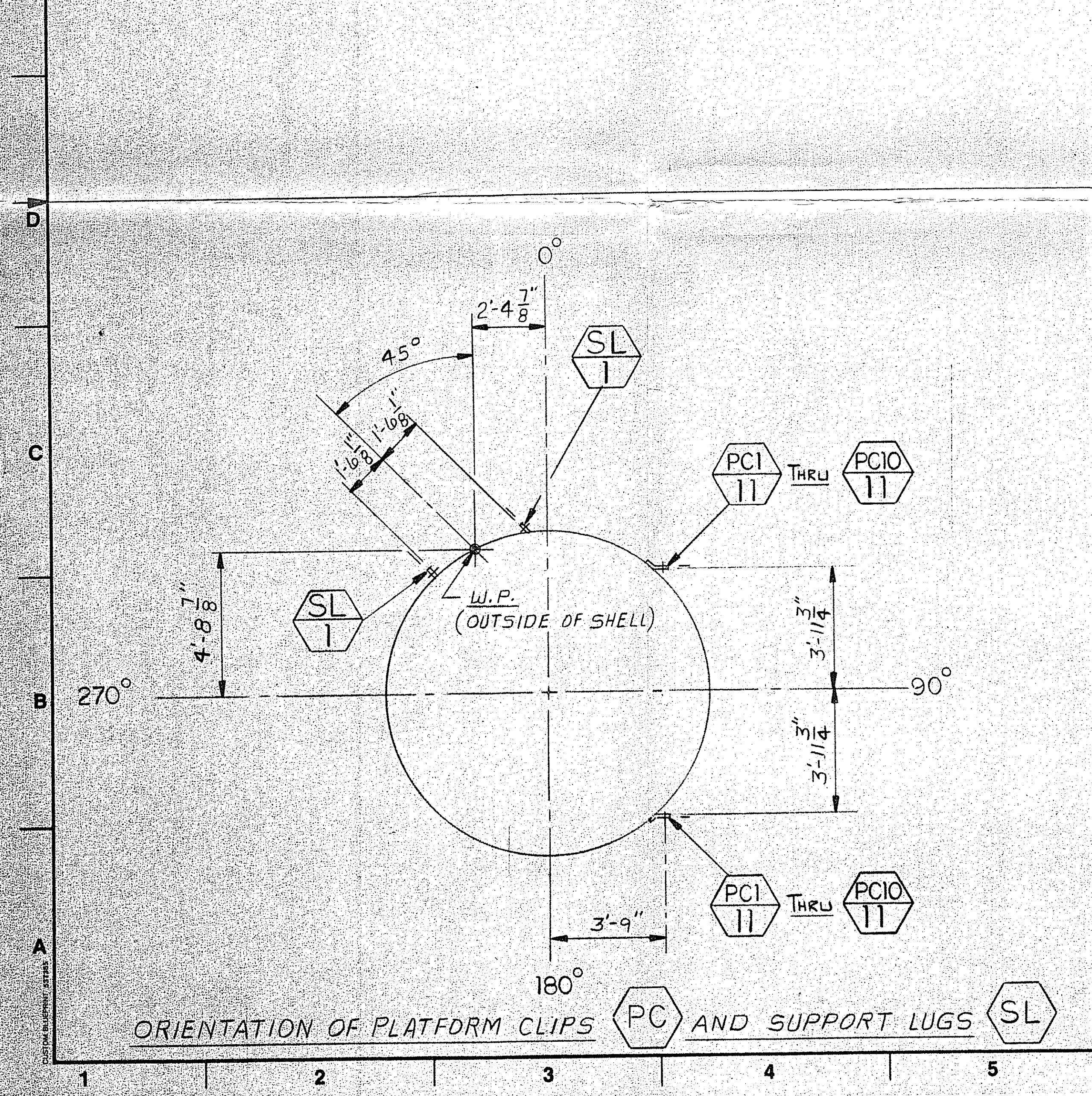
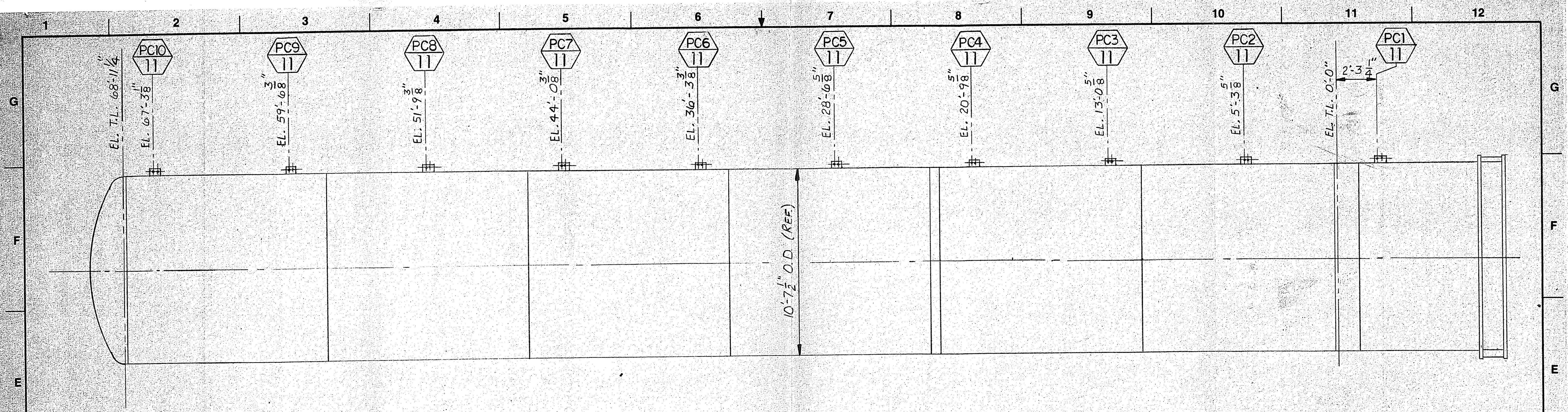
MISC. DETAILS FOR ABSORBER COLUMN
 E.I. DUPONT DE NEMOURS & CO. INC.
 HOUSTON, TEXAS

NO.	DATE	REVISION	BY
1	3-20-91	REV'D. GAUGE OF TUBES, ADD'D. CUST. NOS.	JD
2	4-15-91	REV'D. TUBES TO PIPES IN DETAILS "DA" & "BC"	JD
3	5-23-91	ADDED 15° TAPER TO ITEMS "25" THRU "28"	JD

DATE 12-28-90 DRAWN EPCUSI JOB NO. 913417
 CHK. 2/1/90 DES. L. KERRA DRG. NO. JN-D 70964
 APPR. M. KELLY APPR.

SHEET 9





NO.	DATE	REVISION	BY
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E.I. DUPONT DE NEMOURS & CO.
 PLANT BEAUMONT
 PROJECT NO. 9157
 ORDER NO. LBP-64962W
 EN NO. 1801-7011-10

NOOTER CORPORATION
 P. O. BOX 451
 ST. LOUIS, MISSOURI 63166

PLATFORM CLIPS DETAIL
 FOR
 ABSORBER COLUMN
 FOR
 E.I. DUPONT DE NEMOURS & CO.
 HOUSTON, TEXAS

DATE 5-24-91 DRAWN J.M. DIXON JOB NO 913417
 CHK 5/30/91 DES. DRG. NO. JN-D70964
 APPR. WILSON APPR. APPR. SHEET 11