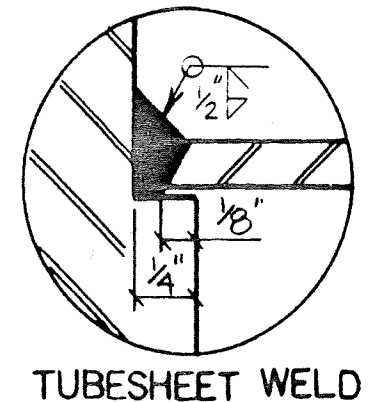




G	1"-6000* FULL CPLG. W/ 3" LG. PLUG SA-105
F	3/4"- 6000* FULL CPLG. W/ 3" LG. PLUG SA-105
D	6"-150* RFWN W/ X-5TG. BORE, SA-105 6" X-5TG. (.432") PIPE X 5 3/4" LG., SA-106-B
C	8"-150* RFWN W/ X-5TG. BORE, SA-105 8" X-5TG. (.500") PIPE X 5 7/16" LG. SA-106-B
E1, E2	1"-150* RFLWN X 7" LG., SA-105

"SPOT X-RAY"

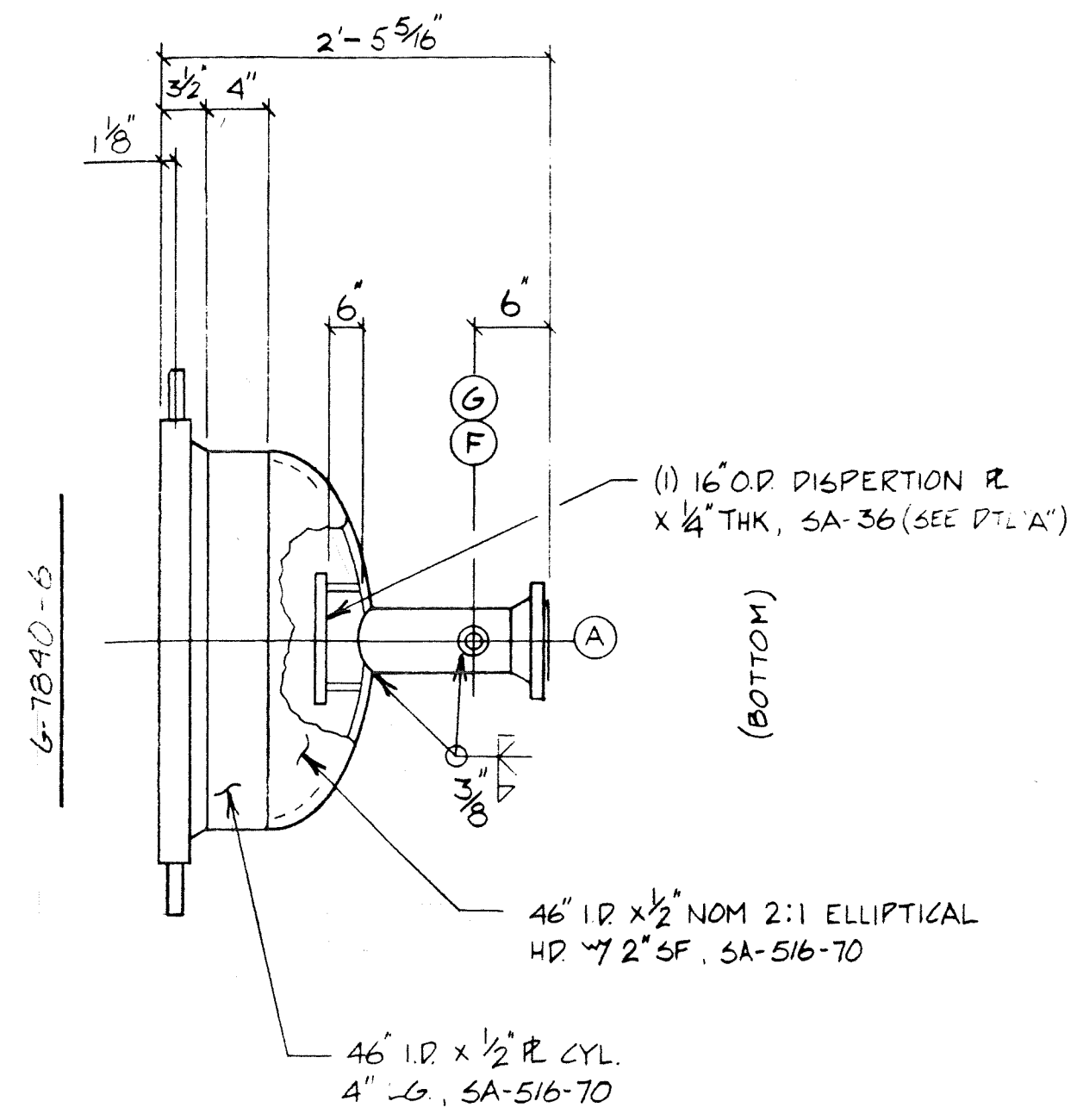
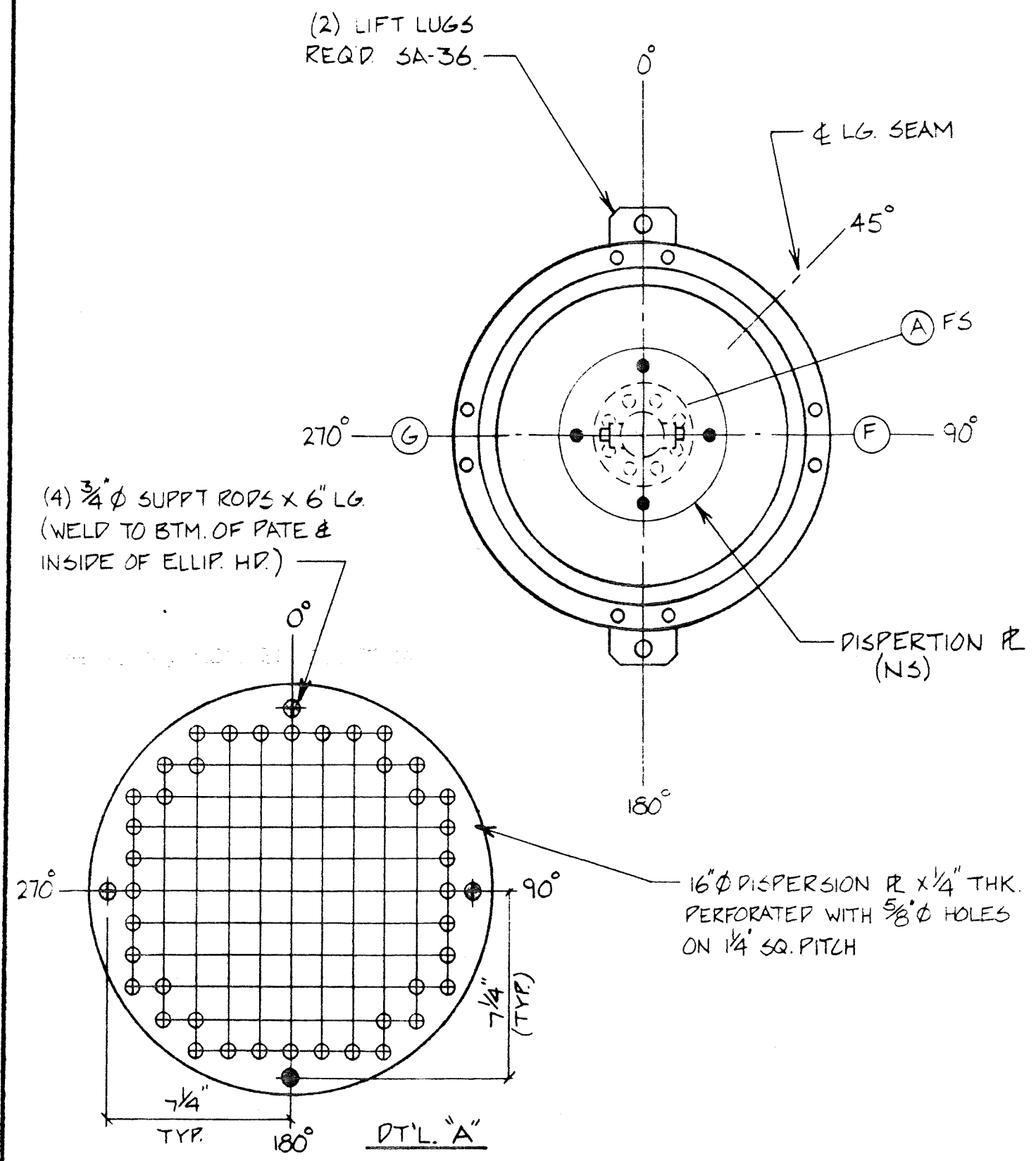
REV.

 FOR APPROVAL

 ADD PLATFORM CLIPS

"CERTIFIED" 2-11-92 LEF

EXELL INC.			<u>SHELL DETAIL</u>	
DRW'N.	GRI	12-11-91	NO. REQ'D. ONE	TYPE: AEM
CHK'D.	DG	1-11-92	ITEM NO. E-1531	
APV'D.	LEF	1-11-92	DWG. NO. 7840	SHT. 4 OF 11

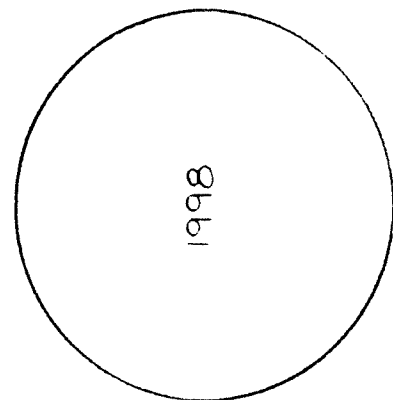


"SPOT X-RAY"

G	1"-6000# FULL CPLG. W/ 3" LG. PLUG SA-105
F	3/4"-6000# FULL CPLG. W/ 3" LG. PLUG SA-105
A	8"-150# RFWN W/ X-STG. BORE SA-105 8" X-STG. (.500") PIPE X 4 5/8" SA-106-B

REV.	
△	FOR APPROVAL
1	ADD CHAN. CYL.
2	CERTIFIED 2-11-92 LEF

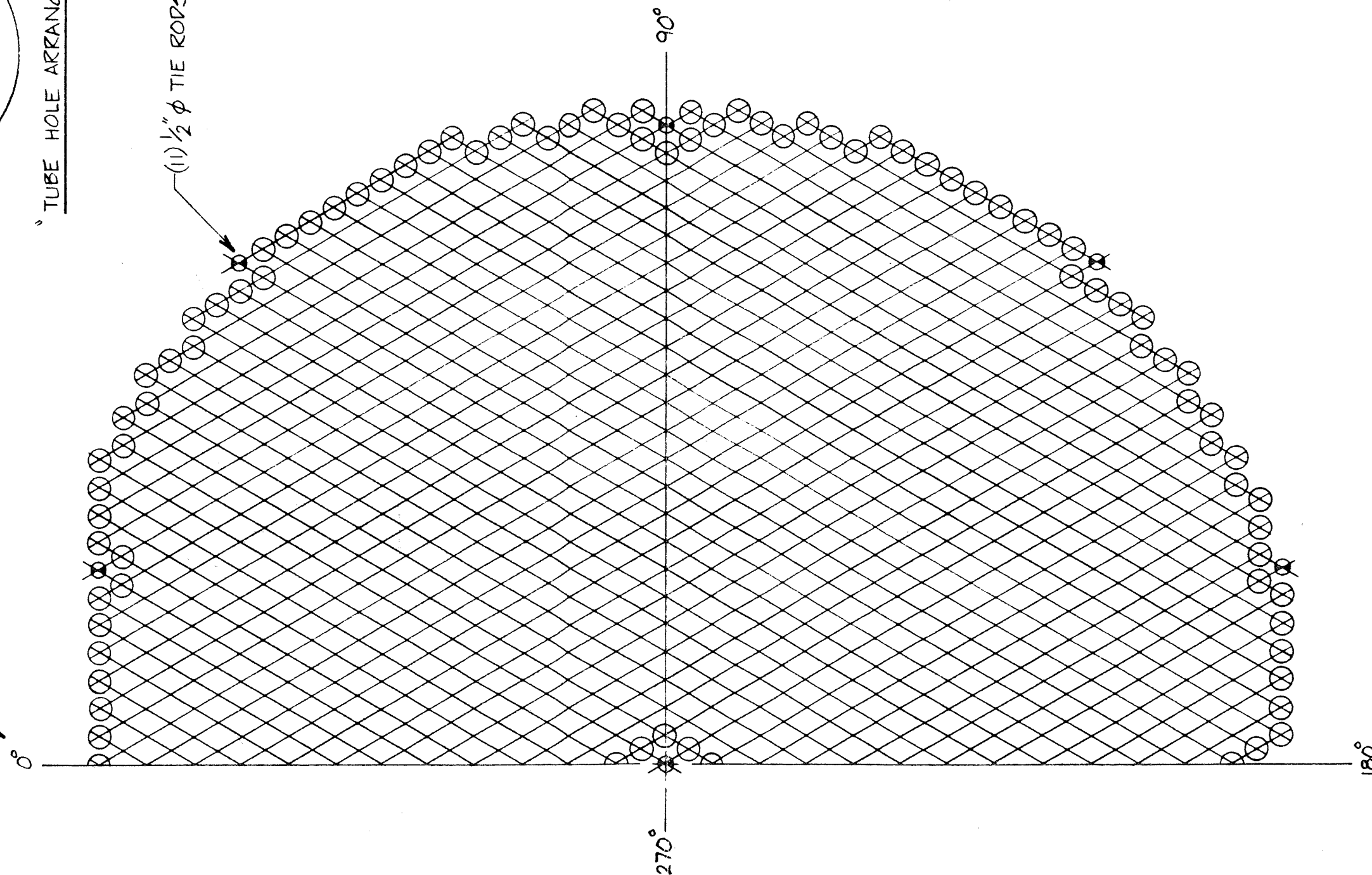
EXELL, INC.			CHANNEL DETAIL	
DRW'N.	GRI	12-11-91	NO. REQ'D. ONE	TYPE: AEM
CHK'D.	PG	1-11-92	ITEM NO. E-1531	
APV'D.	LEF	1-11-92	DWG. NO. 7840	SHT. 5 OF 11



"TUBE HOLE ARRANGEMENT"

NOTE ↓

(1) 1/2" φ TIE RODS



LAYOUT IS VIEWED FROM SHELLSIDE OF TUBESHEET "10"
LAYOUT IS SYMMETRICAL ABOUT 0°-180° &
NO. OF TUBES 1998 TUBE O.D. 3/4 TUBE PITCH 15/16 TRI.
NO. OF PASSES ONE & OF OUTERMOST TUBES 44.647

REV.



FOR APPROVAL

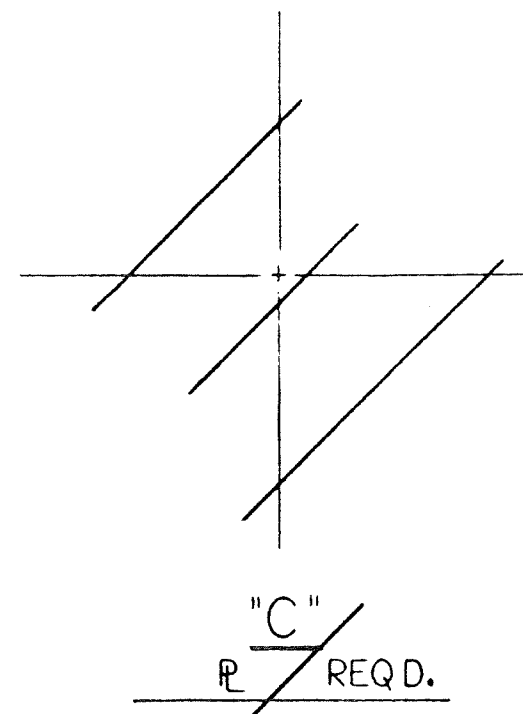
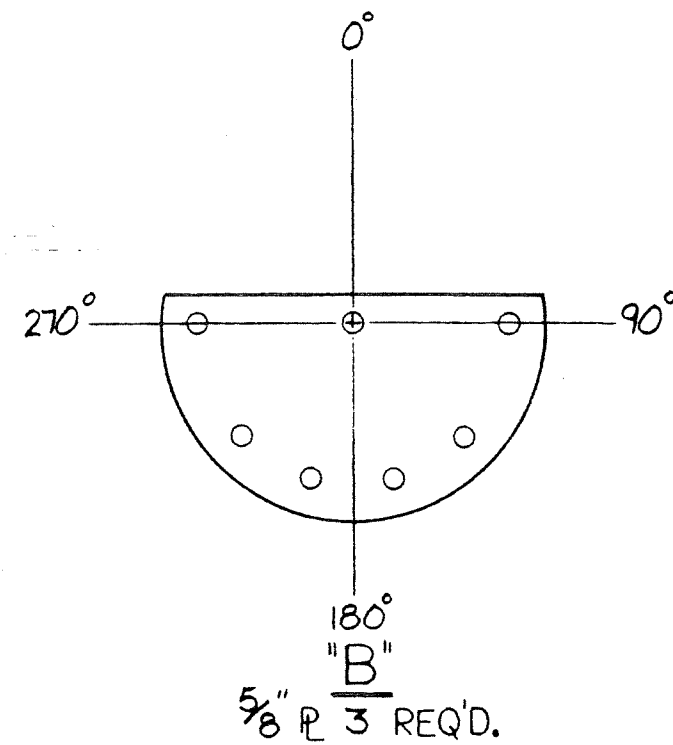
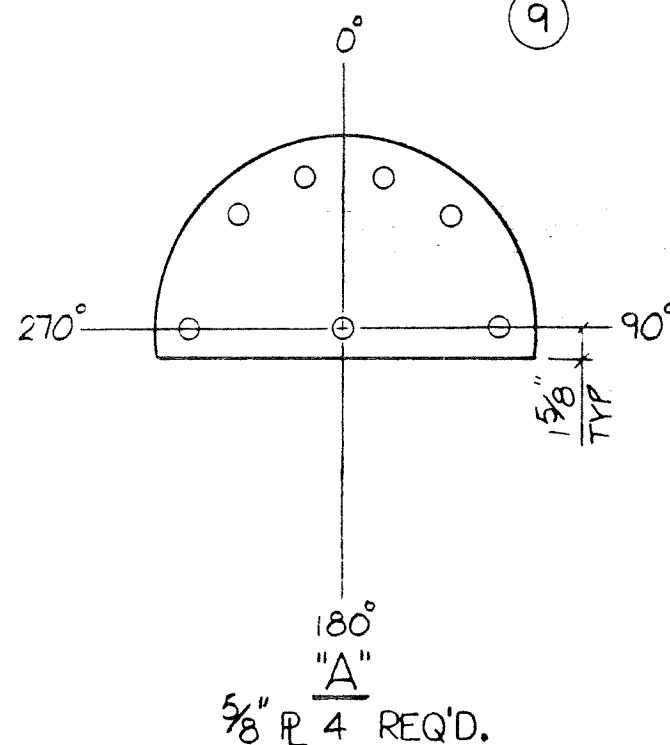
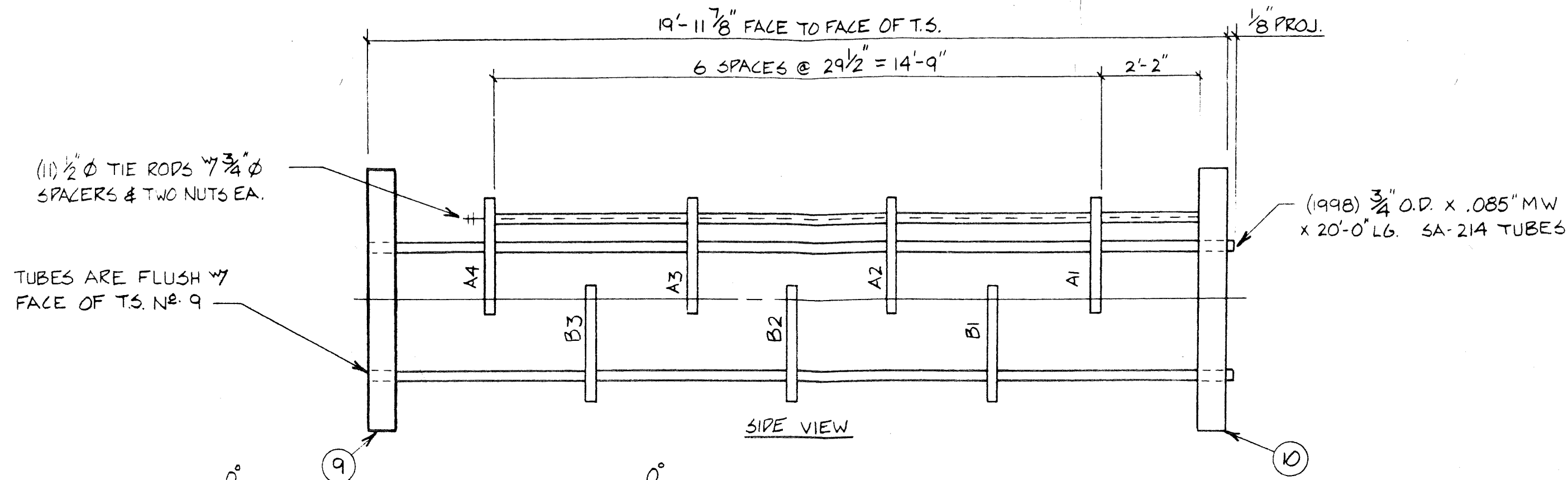


CERTIFIED 2-11-92 LEF

EXELL, INC.

TUBE HOLE LAYOUT

DRW'N.	GRI	12-10-91	NO. REQ'D. ONE	TYPE: AEM
CHK'D.	DG	1-11-92	ITEM NO. E-1531	
APV'D.	LEF	1-11-92	DWG. NO. 7840	SHT. 6 OF 11



TIE ROD & SPACER SCHEDULE			
TIE ROD MAT'L.		SPACER MAT'L.	
1/2" Ø ROD C. STL.		3/4" Ø TUBE C. STL.	
NO.	LENGTH	NO.	LENGTH
7	17'-1 5/8"	7	2'-2"
4	14'-8 1/8"	18	2'-4 7/8"
		4	4'-7 1/2"
		20	4'-10 3/8"

NOTES

1. BAFFLE O.D. = 45 3/4" BAFFLE MAT'L. = SA-36
2. DRILL 9/16" Ø TIE ROD HOLES IN BAFFLES. SEE SHT. 6 FOR LOCATION.
3. DRILL 49/64" Ø TUBE HOLES IN BAFFLES. SEE SHT. 6 FOR LOCATION.
4. TUBE ENDS TO BE ROLLED.
5. ALL CROSS BAFFLES ARE VIEWED FROM SHELL SIDE OF TUBESHEET # 10.

REV.

△ FOR APPROVAL

1 REV. BAFF. D.I.D. 1-22-92

2 CERTIFIED 2-11-92 LEF

EXELL, INC.

BUNDLE ASSEMBLY

DRW'N.	GRI	12-12-91	NO. REQ'D. ONE	TYPE: AEM
CHK'D.	PG	1-11-92	ITEM NO. E-1531	
APV'D.	LEF	1-11-92	DWG. NO. 7840	SHT. 7 OF 11