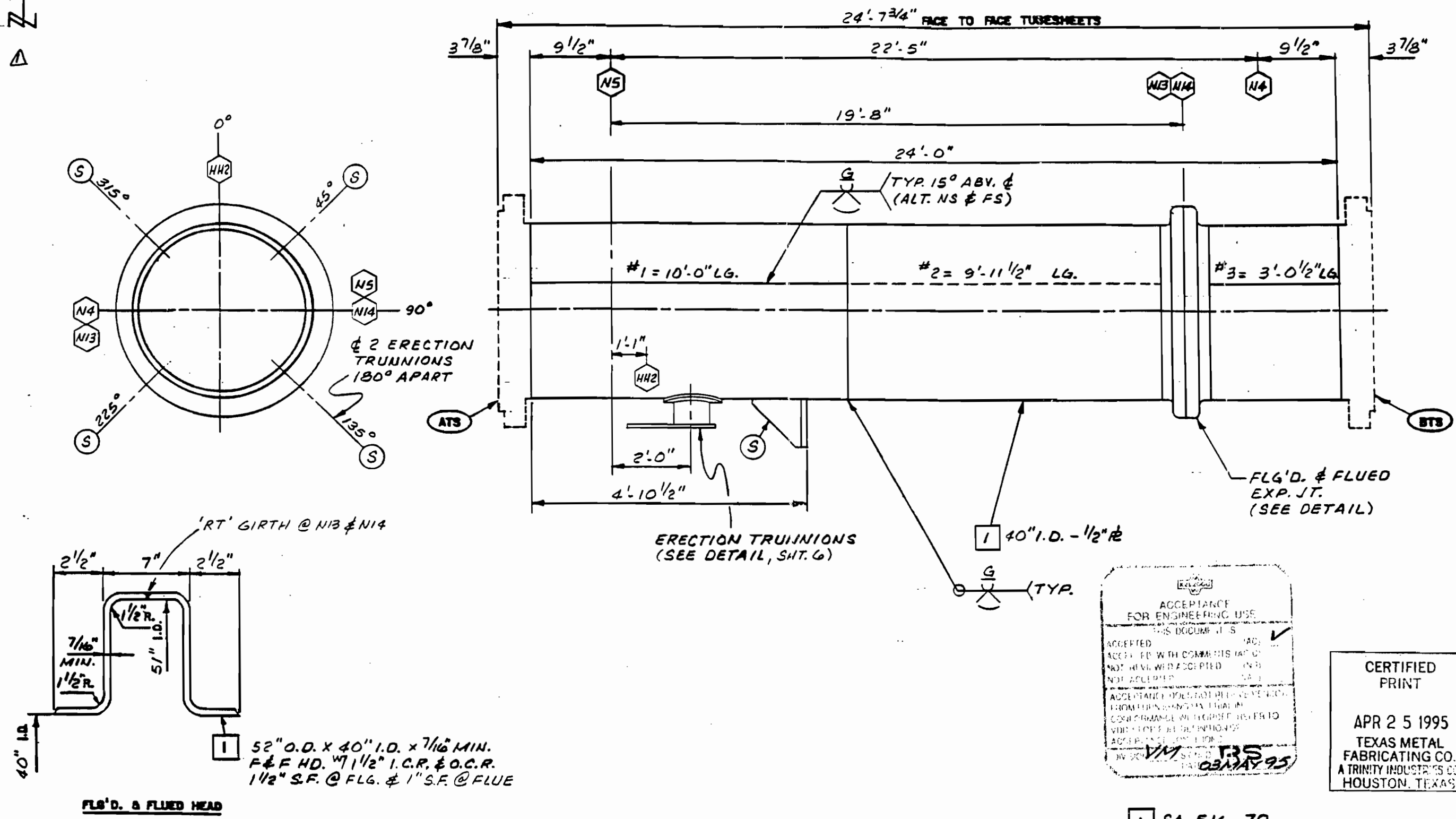


74
A



ACCEPTANCE
FOR ENGINEERING USE
THIS DOCUMENT IS
ACCEPTED
ACCEPTED WITH COMMENTS (SEE DETAIL)
NOT REVIEWED/ACCEPTED
NOT ACCEPTED
ACCEPTANCE DOES NOT RELIEVE THE
DESIGNER OF RESPONSIBILITY FOR
CONFORMANCE WITH THE SPECIFICATIONS
AND/OR CODES OF PRACTICE
APPROVED FOR CONSTRUCTION
DATE 03/24/95

CERTIFIED
PRINT
APR 25 1995
TEXAS METAL
FABRICATING CO.
A TRINITY INDUSTRIES CO.
HOUSTON, TEXAS

SA-516-70

FABRICATION DETAIL — SHELL						
REFERENCE: 94062						
NO. 9460						
SHEET 8						
DATE	DATE	DATE	DATE	DATE	DATE	DATE
DLT	11/17/94	DLT	12/25/95	DLT	12/25/95	DLT

REVISIONS
REV. PER CUST.
APPROV.
DATE 12/13/95

PHILLIPS SUMIKA POLYPROPYLENE COMPANY
PASADENA, TEXAS
M.W. KELLOGG P.O. NO. 6014-02D1-C210-01
ITEM NO. PS-2001-220000-41-5005
2ND REACTOR GAS COOLER
MANUFACTURER'S SERIAL NO. 9460
WTT #41001028

TUBE HOLE LAYOUT VIEWED FROM SHELL SIDE OF (BTS)

NO. OF TUBE HOLES: 490

TUBE PITCH: $1\frac{9}{16}"$

Q OF O.M.T.: $38\frac{1}{16}"$

TAP $\frac{1}{2}"$ DEEP ON SHELL SIDE OF (BTS)
FOR $8\frac{1}{2}"$ N.C. TIE RODS

1 NOTCH R'S 'A' & 'D' FOR $\frac{1}{4}" \times 2"$ WD. SLIDE RAILS 2

$\frac{9}{16}"$ TIE ROD HOLES
 $1\frac{17}{64}" \pm 0.007"$ TUBE HOLES } IN BAFFLES
 $-0.000"$

$\frac{1}{4}"$ THK. $\times 1'-1\frac{1}{2}" \times 1'-1\frac{1}{2}"$
LG. IMP. R (SA-36)
WELD TO SPACERS & R'C'

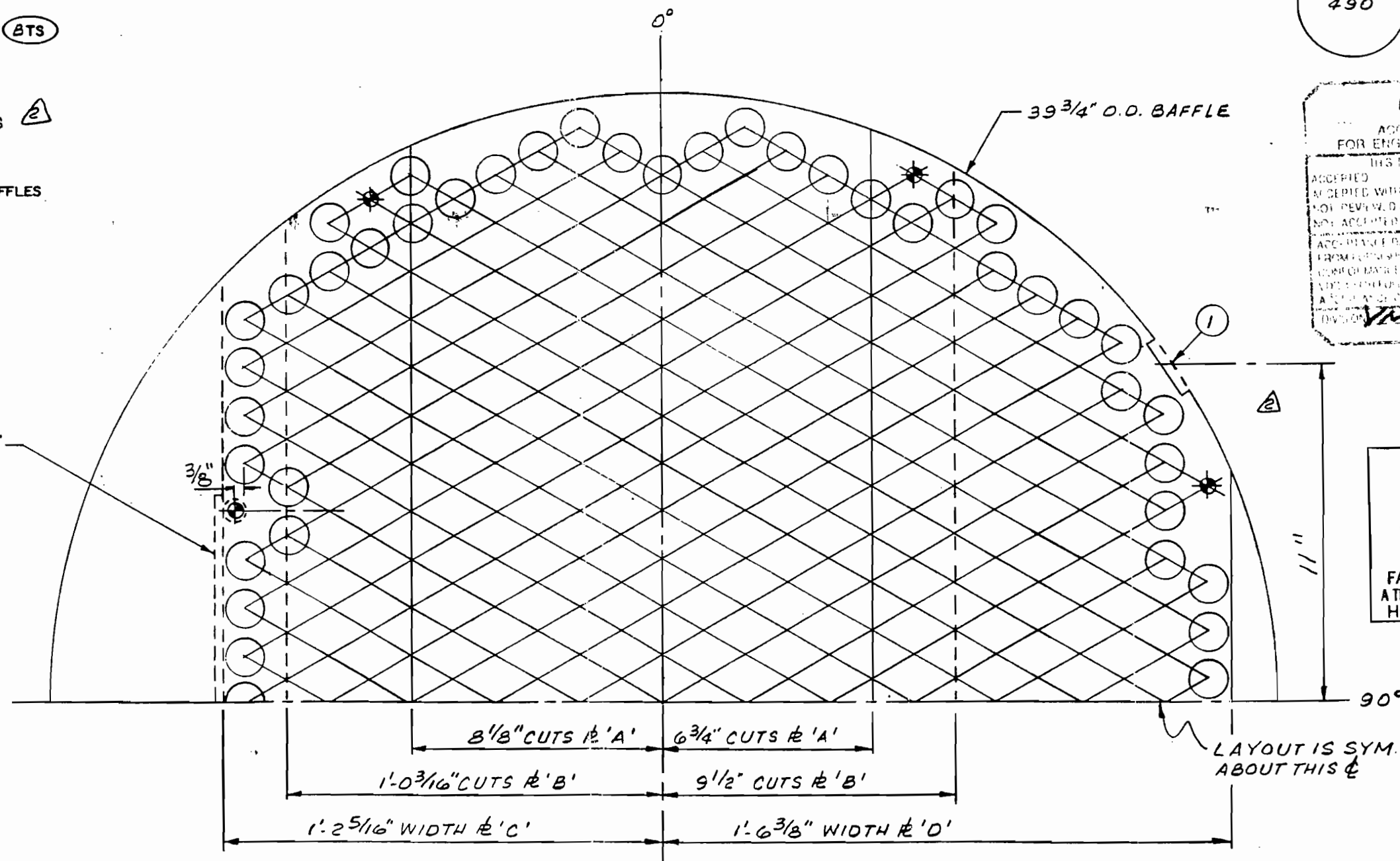
TUBES: 490 - $1\frac{1}{4}"$ O.D. $\times .110"$ MW $\times 24'-8"$ LG.
SA-214

490

ACCEPTANCE FOR ENGINEERING USE	
THIS DOCUMENT IS:	
ACCEPTED	(AC) ☒
ACCEPTED WITH COMMENTS (AC C)	☐
NOT REVIEWED/ACCEPTED (NR)	☐
NOT ACCEPTED (NAC)	☐
APPROPRIATE REVIEWER'S SIGNATURE AND DATE REQUIRED FOR ALL DOCUMENTS REFERRED TO BY THIS DOCUMENT.	
APPROVED: <i>VM</i> DATE: <i>09/09/95</i>	

CERTIFIED PRINT

MAY 12 1995
TEXAS METAL
FABRICATING CO.
A TRINITY INDUSTRIES CO.
HOUSTON, TEXAS



8-18-78

12.001



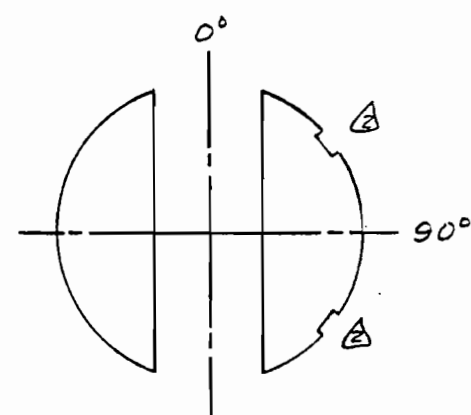
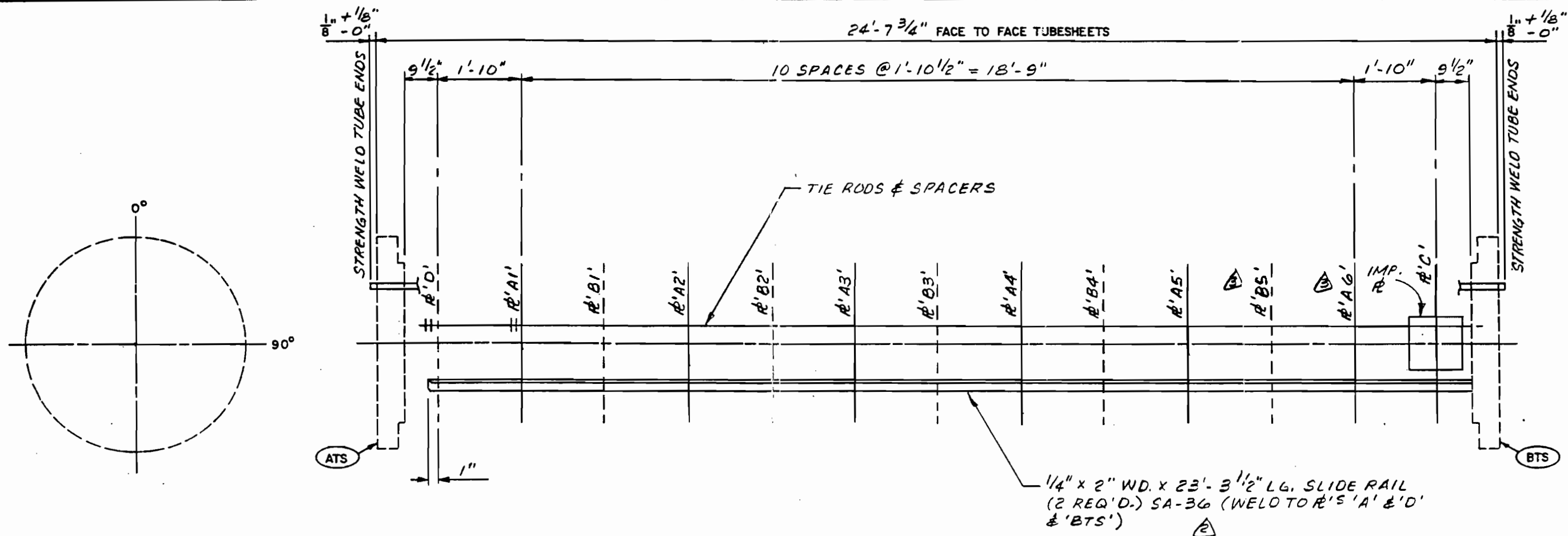
FABRICATION DETAIL — TUBE HOLE LAYOUT

MADE	DATE	CHKD	DATE	APVD	DATE
DLT	12/28/94	Jm	1-25-95	Jm	1-25-95

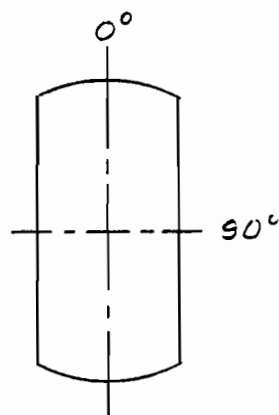
REFERENCE:
94062
NO. 9460
SHEET 14

REVISIONS
1 REVERSED TUBE
HOLE LAYOUT
DLT/4-20-95
2 ADDED SLIDE
RAILS
DLT/5-8-95

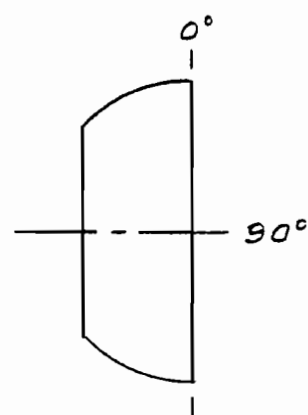
PHILLIPS SUMIKA POLYPROPYLENE COMPANY
PASADENA, TEXAS
M.W. KELLOGG P.O. NO. 6014-02D1-C210-01
ITEM NO. PS-2001-220000-41-5005
2ND REACTOR GAS COOLER
MANUFACTURER'S SERIAL NO. 9460
WTT #41001028



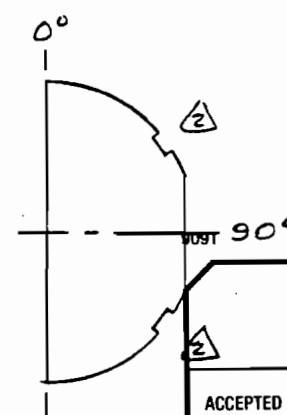
1/2" R 'A'
(6 REQ'D.)



1/2" R 'B'
(5 REQ'D.)



1/2" R 'C'
(ONE REQ'D.)



1/2" R 'D'
(ONE REQ'D.)

CROSS BAFFLE & SUPPORT DETAILS

MAT'L: SA-36

BAFFLES VIEWED FROM SHELL SIDE OF (BTS)

KELLOGG	
ACCEPTANCE FOR ENGINEERING USE	
THIS DOCUMENT IS:	
ACCEPTED	(AC) ☒
ACCEPTED WITH COMMENTS	(AC-C) ☐
NOT REVIEWED-ACCEPTED	(NR) ☐
NOT ACCEPTED	(NAC) ☐
ACCEPTANCE DOES NOT RELIEVE VENDOR FROM FURNISHING MATERIAL IN CONFORMANCE WITH ORDER. REFER TO VDR-1 FOR FULL DEFINITION OF ACCEPTANCE CONDITIONS.	
DIVISION VM	SIGNED RS DATE 21 JUN 95

CERTIFIED PRINT
JUN 5 1995
TEXAS METAL FABRICATING CO.
A TRINITY INDUSTRIES CO.
HOUSTON, TEXAS

TIE RODS & NUTS			SPACERS		
NO.	SIZE	LENGTH	NO.	SIZE	LENGTH
20	3/4" φ	3'-8 1/2"	40	1"	1'-10"
8	1"	1'-9 1/2"	4	1"	9 1/4"
4	1/2" φ	21'-7"	4	3/4" φ	2'-7 1/4"
4	1/2" φ	23'-5"			

PHILLIPS SUMIKA POLYPROPYLENE COMPANY
PASADENA, TEXAS
M.W. KELLOGG P.O. NO. 6014-02D1-C210-01
ITEM NO. PS-2001-220000-41-5005
2ND REACTOR GAS COOLER
MANUFACTURER'S SERIAL NO. 9460
WTT #41001028

FABRICATION DETAIL - BUNDLE ASSEMBLY					
REFERENCE: 94062					
NO. 9460					
SHEET 12					
MADE	DATE	CHKD	DATE	APVD	DATE
DLT	12/28/94	JM	1-25-95	JM	1-25-95

REVISIONS
1. REVERSED BUNDLE TAPPING
DLT/11-20-95
2. ADDED SLIDE RAILS
DLT/5-8-95
3. REV BARR MKS.
DLT/10-5-95