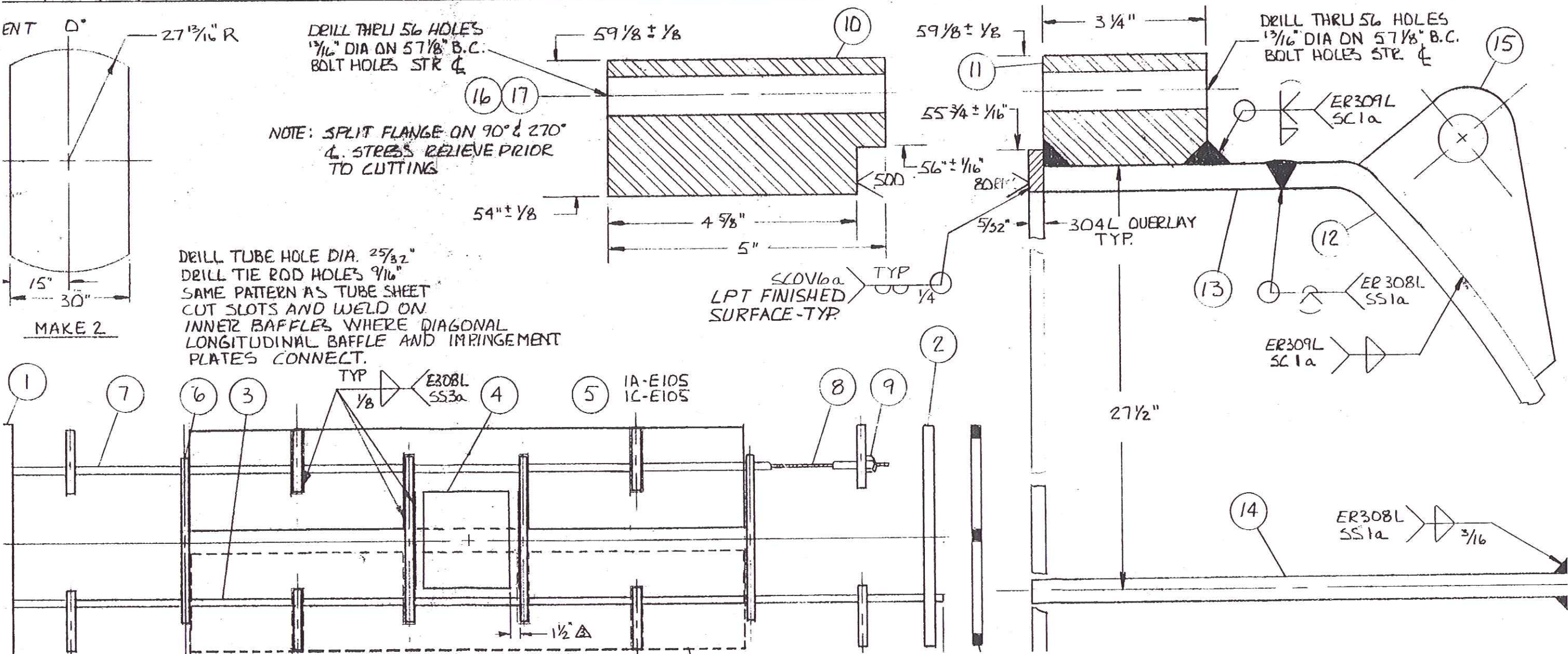
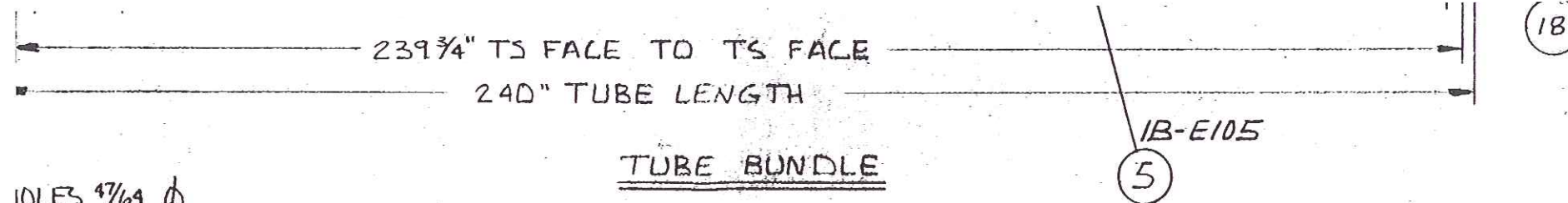


DWG SHT			REMARKS	MATERIAL LIST									
B7			3/4" - UNC X 15" LG	1	1	TUBESHEET, STATIONARY	SA240-304L			3/4" FE x 58 7/8" ± 1/16" O.D. (2.853 MIN FIN.			
2H			3/4" - UNC HEAVY HEX	2	1	TUBESHEET, FLOATING	SA240-304L			3/4" FE x 55 1/2" ± 1/8" O.D. (2.706" MIN FIN.			
			1/8" THK x 55 3/4" O.D. x 55" I.D. NONABRISTOS (INCLD'S SPR'S)	3	2452	TUBES	SA249T, 304			3/4" O.D. x 16 GA. x 240" LG.			
			3/4" ROD x 1 3/4" LG w/ 1 END THREADED 3/4" - 10 NC	4	1	PLATE, IMPINGEMENT	304L			1/4" FE 25 5/8" x 27 1/4"			
				5	1	BAFFLE - LONGITUDINAL	304L			1/4" FE 38 1/4" x 144 1/2" LG			
				6	8	BAFFLE - DOUBLE SEZMENTAL	304L			3/8" FE x 55 1/16" + 0 - 1/16" O.D.			
				7		SPACERS	304			1/2" PIPE SCH 40 8 @ 14 27/32 4 @ 43 27/32			
										16 @ 57 5/8 32 @ 28 5/8 4 @ 86 5/8			
				8	12	TIE RODS	304			1/2" - DIA. 4 @ 192" 8 @ 221"			
				9	24	NUTS	316			1/2" - UNC - HEAVY HEX			
				10	1	SPLIT FLG, FLOATING HEAD	SA105			FORGING 57 1/8" O.D. x 54" I.D. x 5" (FINISHED)			
				11	1	FLANGE, FLOATING HEAD	SA105			3/4" FE 59 1/8" ± 1/8" O.D. x 55 1/8" I.D.			
				12	1	COVER, FLOATING HEAD	SA240-304L			2:1 SE. 55" O.D. x 1 1/2" ST FLG x 5/8" NOMINAL			
				13	1	EXTENSION	SA240-304L			5/8" FE x 5" WIDE x 55" O.D. (171")			
				14	1	PARTITION, PASS	SA240-304L			3/8" FE x 18 3/4" x 53 3/4"			
				15	1	LUG LIFTING	A-36	18372	HA7	3/4" HARRIS STANDARD			

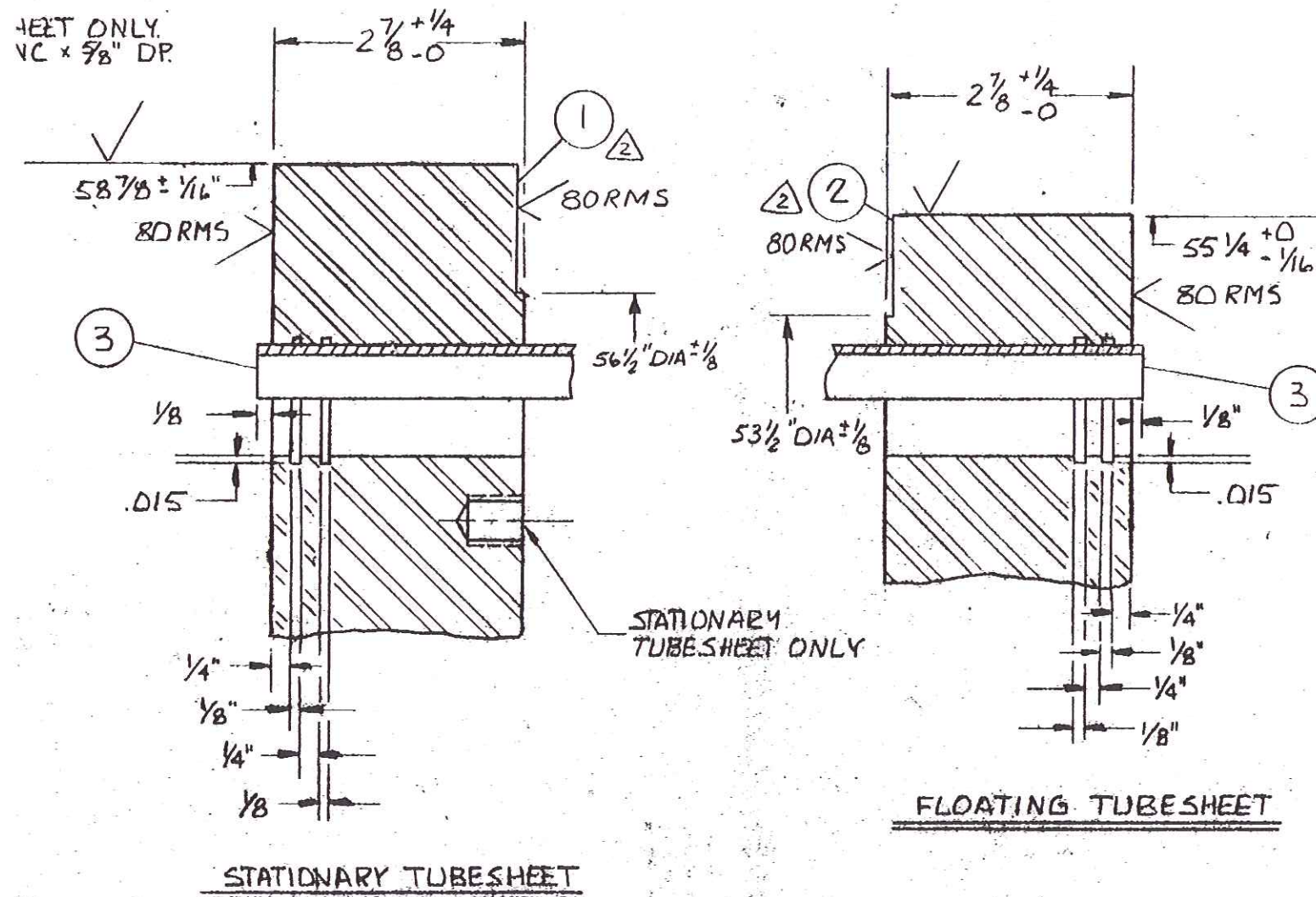




HOLES 7/64" ϕ
AM 2452
11A. AND
11L.

ILES
THE

FEET ONLY.
VC x 7/8" DP.



#61810

61810, 61811

HARRIS THERMAL TRANSFER PRODUCTS INC.

19830 S.W. 102nd STREET
TUALATIN, OREGON 97062

SCALE: NONE
DATE: 4.25.86
APPROVED BY: [Signature] 7.15.86
DRAWN BY: D.
REVISED: 7-1

TUBE BUNDLE

BRINDERSON
1A / 1B / 1C - E105

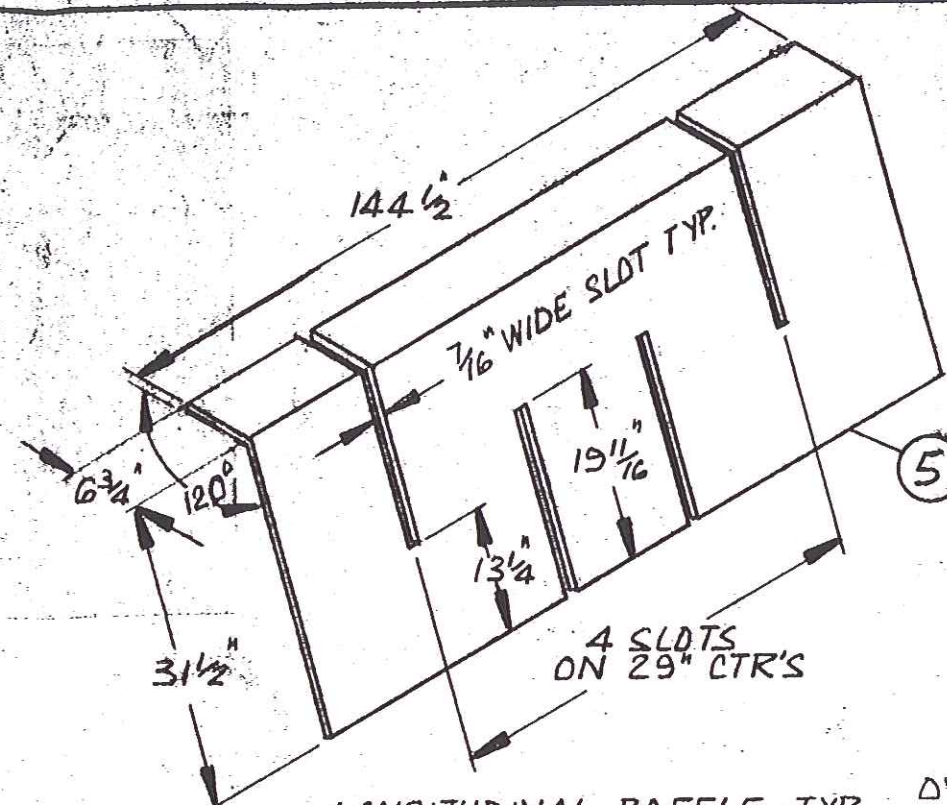
DRAWING NO
18372.H-

3	6/6/87	RG	AS BUILT
△			TUBESHEETS WERE C.S. W/SS OVERLAY
△	11/2/87	DL	LONG. BAFFLE - EXTENDED TO BUNDLE O.D., LENGTHENED

Owner
Engineer
Contractor
Subcontractor
Subcontract No.
Suppliers Purchase
Agreement No.
Manufacturer's Name
Contract Drawing Reference
Applicable Specification
Description of Location
within the facility,
where installation is
intended

Carver Greenfield
Sludge Dehydration & ERS
Contract No. 1
L.A. County Sanitary District #2
Foster Wheeler
Brinderson Corporation
American Fabricators, Inc.
6306

American Fabricators, Inc.

[illegible]

Technical drawing of a mechanical assembly, likely a pump or valve component, showing dimensions and assembly instructions.

Dimensions:

- Overall length: $13 \frac{5}{8}"$
- Distance from left edge to center of hole 4: $8 \frac{1}{2}"$
- Distance from left edge to center of hole 19: $7"$

Assembly Instructions:

- BREAK IMPINGEMENT PLATE HERE
- DRILL 4 PULLING $\frac{21}{32}" \phi \times \frac{3}{4}"$ DP
- OUTER FACE OF STATIONARY TL
- TAP 4 HOLES $\frac{3}{4}"$

Callouts:

- 4 (Hole location)
- 19 (Hole location)

BREAK IMPINGEMENT PLATE
HERE

DRILL 4 PULLING EYE HOLES E3
SS
2 1/32" ϕ x 3/4" DP. ON THE
OUTER FACE OF THE
STATIONARY TUBESHEET ONLY
TAP 4 HOLES 3/4" - 10NC x 5/8" DP.

WELD IMPINGEMENT PLATE
— TO INNER BAFFLES - SKIP
WELD ON SPACERS.

LONGITUDINAL BAFFLE-TYPE

SEE ABOVE DETAIL

1A-E105
1C-E105

E308L
SS3a



TYP
1/8

TY
 $\frac{1}{8}$

MAKE 8

MAKE 2

DOUBLE SEGMENTAL BAFFLES

1A-E105
1C-E105

55 (5)

 270° 180°

5

FOR IMP
PLAT

 $25\frac{1}{2}'$

1B-E105

15"

30"

