

EKRANSKE CEVI

- Broj ekranskih cevi u kotlu : sa jedne strane red F i G,odnsno sa druge strane red F1 i G1 prema crtežu iz priloga **E-370-450-0**
- F= 67 + 1 cev, G= 73 cevi **ukupno 141 cev** sa jedne strane kotla
- F1= 68 cevi, G1= 72+1 cev , **ukupno 282 cevi sa obe strane kotla.**
- Prema priloga iz crteža **E-368-027** može se videti da su cevi različitih dužina, odnosno da su cevi u G redu duže od cevi u F redu
- Mi trenutno u našem magacinu imamo **po 12 kom. jednih i drugih** ukupno **24 cevi**

KOTLOVSKE CEVI

- Kotlovske cevi se nalaze u 2,3,4 i 5 redu,odnosno (redovi E,D,C,B prema crtežu **E-370-405-0**)
- Ukupan broj kotlovski cevi po redovima E=85,D=86,C=86,E=81+11, odnosno ukupno **349 cevi u četiri reda sa jedne strane kotla**
- Cevi koje su jedine čepovane jesu upravo kotlovske
- **46 kotlovskih cevi imamo u rezervi**,u našem centralnom magacinu

MEMBRANSKE CEVI

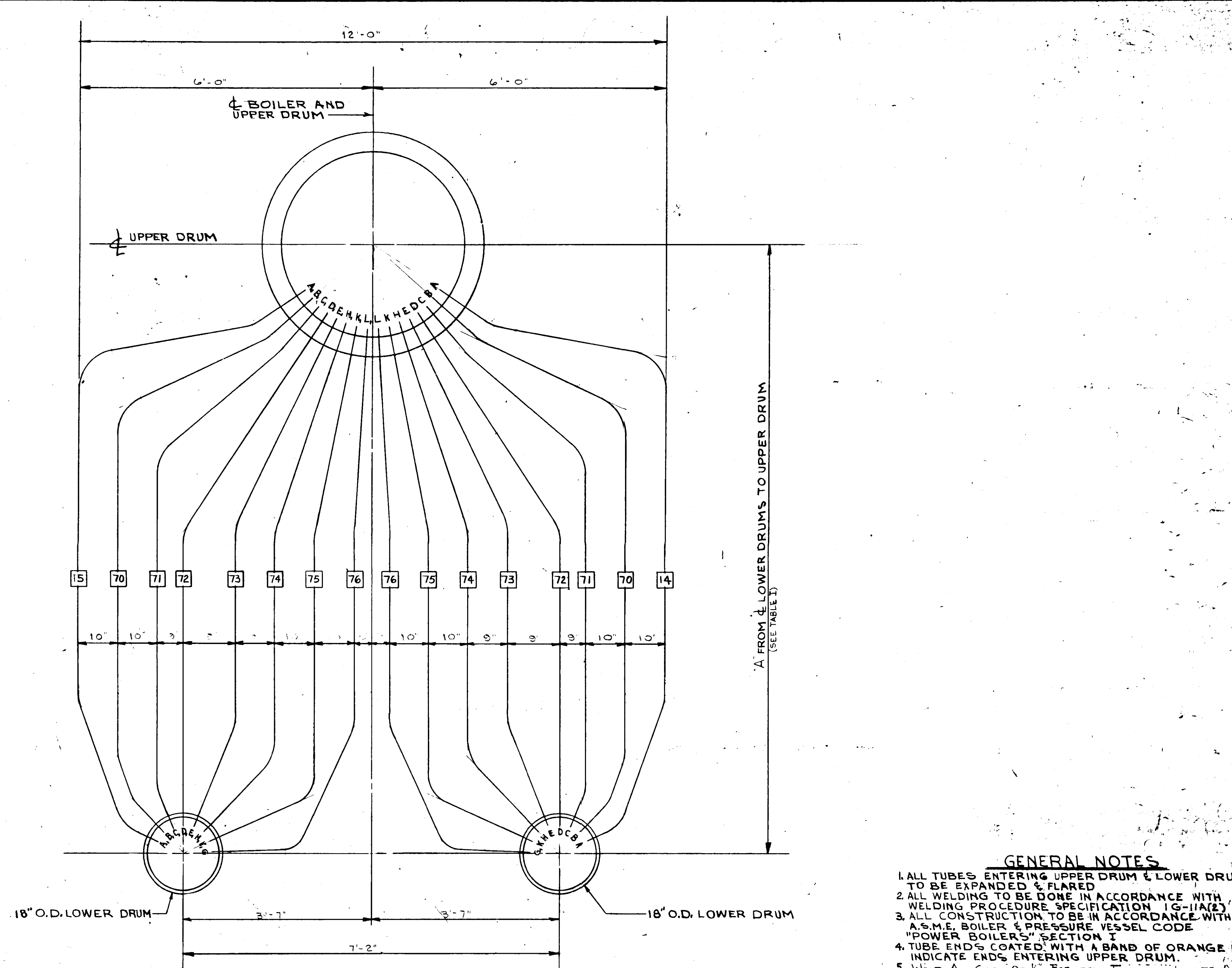
- Membranske cevi se nalaze u 6. redu cevi (red A, prema crtežu **E-370-405-0**)
- Ukupan broj ekranskih cevi u kotlu sa jedne strane 15+57+1+1+20+1 = **95 cevi**
- **Rezerva koju trenutno imamo u magacinu jeste 13 + 4**
- **13 “normalnih” i 4. cevi sa krivinama (idu oko duvača,trenutna količina dovoljan za jedan kotao (četiri cevi po kotlu))**

- Ukupan broj cevi po kotlu iznosi **1170 (282 ekranske, 698 kotlovskih i 190 membranskih cevi)**
- Sve cevi su napravljene od istog materijala, u pitanju je materijal **SA-178-A**

VRSTA CEVI	PREČNIK CEVI	DEBLJINA ZIDA CEVI
Ekranske cevi	2 ½"	0.18"
Kotlovske cevi	2"	0.15"
Membranske cevi	2"	0.15"

-NAPOMENA:

PODATKE ZA TAČAN BROJ ČEPOVANIH CEVI SA PRECIZNIM POZICIJAMA JOŠ UVEK PRIKUPLJAM !



SECTION 3-3'
REAR WALL
(SEE NOTE NO. 6)

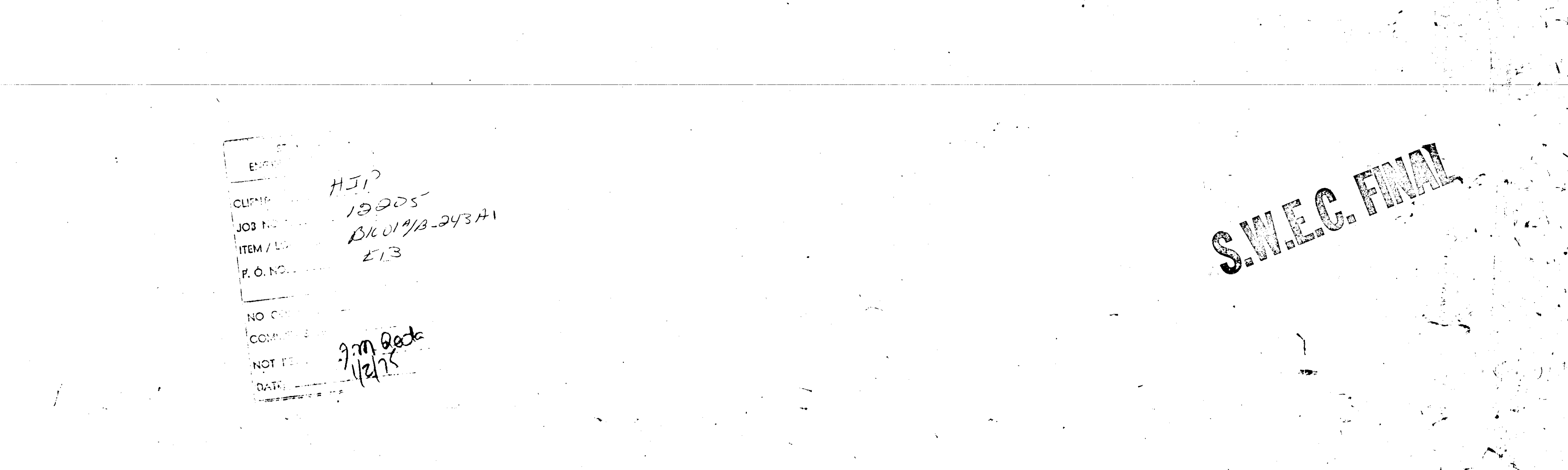


TABLE I																		
UNIT PROFILE	42" I.D. UPPER DRUM						48" I.D. UPPER DRUM						54" I.D. UPPER DRUM					
	A	B	C	E	F	G	A	B	C	E	F	G	A	B	C	E	F	G
A-14	13'-8"	9'-5 1/2"	10'-2"	13 1/2"	4'-6 3/8"	3'-1 1/2"	13'-7"	9'-0"	10'-0 1/2"	12"	4'-6 3/8"	3'-1 1/2"	13'-6"	8'-8 1/2"	9'-7 1/2"	12 5/8"	4'-6 3/8"	3'-1 1/2"
A-15	14'-8"	10'-5 1/2"	11-2 1/2"	13 1/2"	4'-6 3/8"	3'-1 1/2"	14'-7 1/2"	10'-0 1/2"	11'-0 1/2"	12"	4'-6 3/8"	3'-1 1/2"	14'-6"	9'-8 1/2"	10'-7 1/2"	12 5/8"	4'-6 3/8"	3'-1 1/2"
A-16	16'-1 1/4"	11'-10 1/2"	12'-7 1/2"	13 1/2"	4'-6 3/8"	3'-1 1/2"	16'-0 1/2"	11'-5 1/2"	12'-5 1/4"	12"	4'-6 3/8"	3'-1 1/2"	15'-11"	11'-1 1/2"	12'-0 1/2"	12 5/8"	4'-6 3/8"	3'-1 1/2"

CONTRACT NO.

SCALE: 1/8" = 1'-0"

DATE: 11-11-65

ENGINEER: J. C. GOSWAMI

DRIVEN BY: J. C. GOSWAMI


TRACED BY: J. C. GOSWAMI

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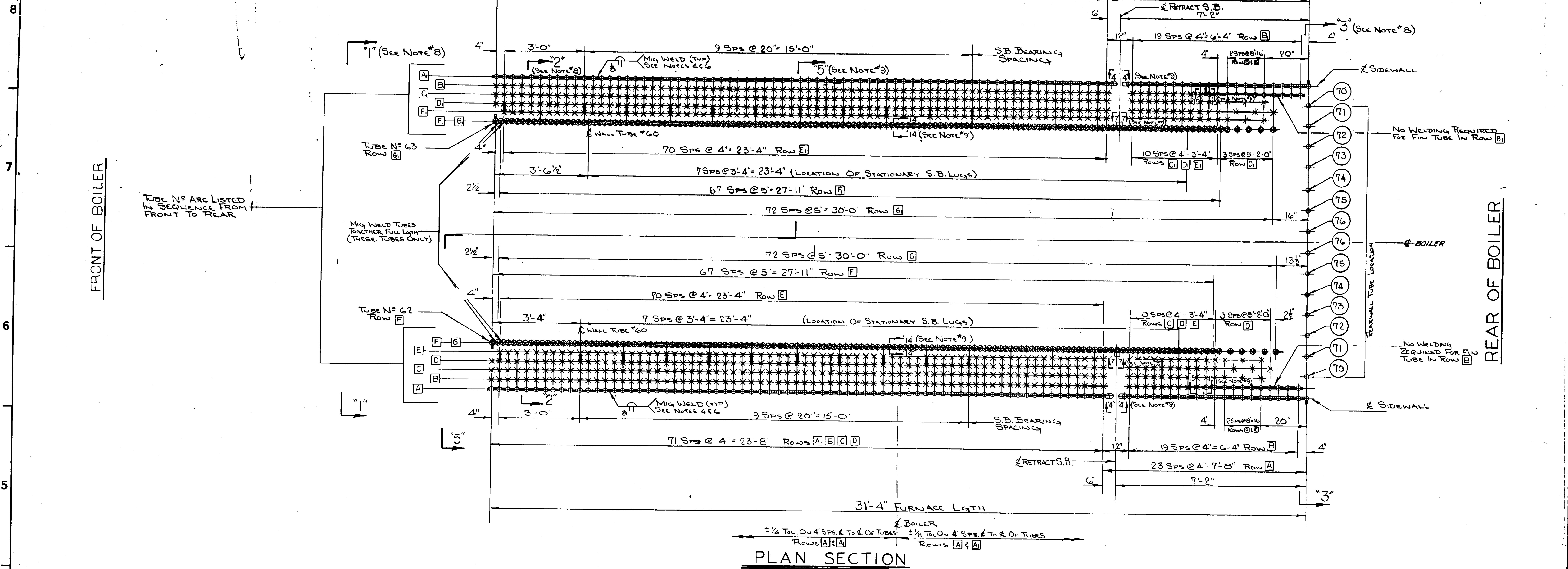
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W.E.C. FINAL



GENERAL NOTES:

- SEE CONTRACT REQUISITION FOR:
 - 1.1 DESIGN PRESSURE & TEMPERATURE.
 - 1.2 UPPER DRUM DIAMETER.
 - 1.3 BOILER SIZE.
 - 1.4 TUBE MATERIAL & WALL THICKNESS.
 - 1.5 PRESSURE PARTS DETAIL DRAWING NUMBERS.
- QUANTITIES GIVEN ARE FOR ONE BOILER.
- ALL TUBES ENTERING UPPER DRUM & LOWER DRUMS TO BE EXPANDED & FLARED.
- ALL WELDING TO BE DONE IN ACCORDANCE WITH WELDING PROCEDURE SPECIFICATION 16-11A(2).
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE A.S.M.E. BOILER & PRESSURE VESSEL CODE POWER BOILERS SECTION NO.1
- WELD ON CASING SIDE FOR ENTIRE LGTH OF FIN.
- ALL TUBES ENDS COATED WITH A BAND OF ORANGE PAINT INDICATES END ENTERING UPPER DRUM.
- FOR VIEWS AND SECTIONS "1-1", "2-2", "3-3" SEE APPLICABLE DRAWING, PRESS. PART ATTACH. SECTION.
- FOR VIEWS AND SECTIONS "4-4", "5-5", "7-7", "14-14", "15-15" SEE APPLICABLE DRAWING, PRESS. PART WELDED ATTACHMENT.

TUBE NOS. LISTED IN SEQUENCE FROM FRONT TO REAR OF BOILER																				
ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.	ROW	QTY.	TUBE NO.
A	15	11	B	81	20	C	86	30	D	86	40	E	85	50	F	1	62	G	73	61
	57	10		11	21											67	60			
	1	12																		
	1	13																		
	20	10																		
	1	14																		
A ₁	15	11	B ₁	81	20	C ₁	86	30	D ₁	86	40	E ₁	85	50	F ₁	68	60	G ₁	1	63
	57	10		11	21														72	61
	1	13																		
	1	12																		
	20	10																		
	1	15																		
REAR WALL (NOT LISTED IN SEQUENCE. SEE PLAN SECTION FOR LOCATION)																				
																		</		

SOOT BLOWER BEARING		
QUANTITY	DWG	NS
PROFILE A10,12,13	44	8366-932

CLIMATE: HTP
JOB NO.: 10805
ITEM / LOG NO.: E-370-405-A
P.O. NO.: ELS
NO COMMENTS
COMMENTS NOTED
NOT REVIEWED
DATE: 12/75

S.W.E.C. FINAL

PRESSURE PARTS ARRANGEMENT STANDARD A BOILER	
UNIT NOMINAL LGTH DESIGNATION 31	
SATURATED	
SCALE: 1/4" = 1'-0"	DATE: 1-4-74
DRAWN BY: J. HANSEN	CHECKED BY: J. HANSEN
TRACED BY:	APPROVED:
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