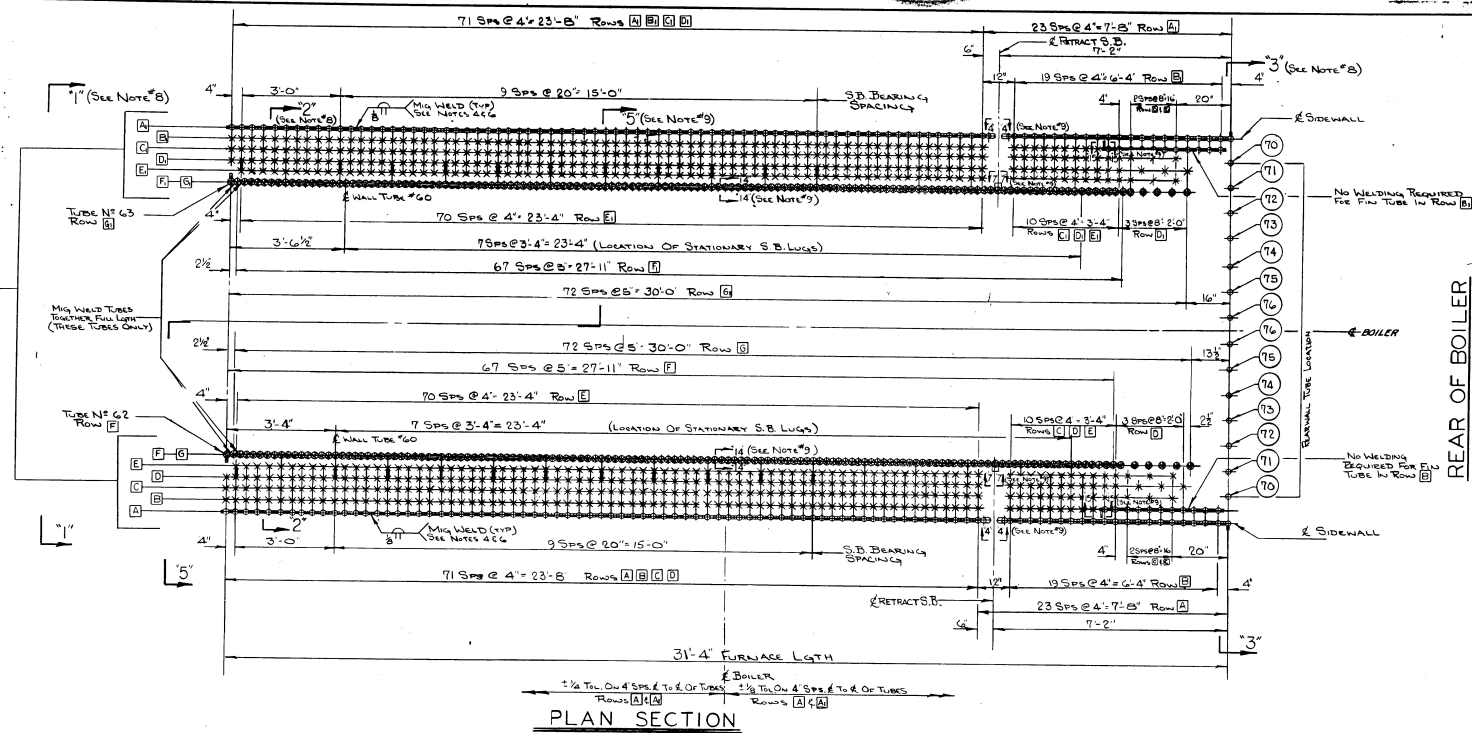


FRONT OF BOILER

TUBE NOS ARE LISTED IN SEQUENCE FROM FRONT TO REAR



PLAN SECTION

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.
A	15	11	B	11	21	C	11	31	D	11	41	E	11	51	F	11	61
	57	10															
	1	12															
	1	13															
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A ₁	15	11	B ₁	11	21	C ₁	11	31	D ₁	11	41	E ₁	11				

SCOT BLOWER BEARING		DIMS	
QUANTITY	PROFILE	QUANTITY	PROFILE
22	44	336	932

GENERAL NOTES:

- SEE CONTRACT REQUIREMENTS FOR:
 - DESIGN PRESSURE & TEMPERATURE.
 - UPPER DRUM DIAMETER.
 - BOILER SIZE.
 - TUBE MATERIAL & WALL THICKNESS.
 - 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 1G-11A12.1.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE A.S.M.E. BOILER & PRESSURE VESSEL CODE POWER BOILERS SECTION NO.1.
- WELD ON CARBON SIDE FOR ENTIRE LGTH OF FIN.
- ALL TUBES ENDS COATED WITH A BAND OF ORANGE PAINT INDICATING END ENTERING UPPER DRUM.
- FOR VIEWS AND SECTIONS "1" "2" "3" "3" SEE APPLICABLE DRAWING, PRESS PARTS DETAIL SECTION.
- FOR VIEWS AND SECTIONS "4" "4" "5" "5" "7" "7" "11" "11" "15" "15" SEE APPLICABLE DRAWING, PRESS PARTS DETAIL SECTION.

LEGEND:

- 0-200 DIAMETER TUBE HOLE.
- Ø-200 DIAMETER TUBE HOLE.
- X-VARIABLE OD, TUBES, SEE EQUIP. SUMMARY SHEET.

DATE: 11/15/15
BY: J.M. Beck
NOTED: 11/15/15
NO COMMENTS
COMMENTS: NONE
NOTED: 11/15/15
DATE: 11/15/15

S.W.E.C. FINAL

STANDARD A BOILER

UNIT NOMINAL LGTH DESIGNATION 31

SATURATED

DATE: 11/15/15

COMMISSION ENGINEERING, INC. WINDSOR, CONN.

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DRAWING NO. E-370-405-0