

DETAIL F
NOZZLES 2.7
PER UW-16.1(e) 2 PLACES

DETAIL G
NOZZLE 1
PER UW-16.1(e)

DETAIL 1
TUBESHT-SHELL WELD
4X SCALE
WELD PER UW-13.2 (j)
MIN WELD LEGS 0.1875"



ARCHON KB-080 BB-02A-000 SIGHT GLASS		
BILL OF MATERIAL		
ITEM	DESCRIPTION	QTY
15-9	DRIVE SCREW	2
15-8	LABEL, ARCHON	1
15-7	HEX NUT, HEAVY, 5/8-11 UNC	4
15-6	STUD, 5/8-11 UNC X 3" LG	4
15-5	CUSHION GASKET	1
15-4	SEAL GASKET	1
15-3	LENS, TEMPERED BOROSILICATE	1
15-2	WELD PAD	1
15-1	COVER FLANGE	1

STEAM CHEST ONLY DRY WEIGHT, WITHOUT COVERS
SEE ADDITIONAL DRAWING DRY WEIGHT, WITH COVERS 6.97
FOR COVER ASSEMBLIES

DESIGN	SEITZ PROJECT NUMBER	20-3776
	DESCRIPTION	HORIZONTAL - 42" HEAT EXCHANGER
	SHELL CAPACITY	470 GALLONS
	TUBE CAPACITY	530 GALLONS
	CODE	SECTION VIII, DIV 1, 2019 EDITION
	YEAR BUILT	2020
	DESIGN PRESSURE, TUBE SIDE	60 PSIG
	DESIGN PRESSURE, SHELL SIDE	25 PSIG
	DESIGN TEMPERATURE, TUBE SIDE	250 °F
	DESIGN TEMPERATURE, SHELL SIDE	300 °F
	MEAN METAL TEMP, TUBES	250 °F
	MEAN METAL TEMP, SHELL	250 °F
	MDMT	40 °F
MATERIALS	HEADS (COVERS)	SA240-S32205
	COVER DIVIDERS	SA240-S32205
	SHELL	SA240-304
	BUSTLE	SA240-304
	TUBES	SA789-S32205
	TUBESHEETS	SA240-S32205
	SHELL NOZZLES	SA312-304
	HEAD NOZZLES	SA790-S32205
	HEAD NOZZLE FLANGES	SA182-S32205
	VACUUM RINGS	SA479-304
	SADDLES	SA240-304
FINISH	FINISH, EXTERNAL	UNIFORM BEAD BLAST
	FINISH, PRODUCT CONTACT	SMOOTH, COLOR CLEANED
TEST	TEST, TUBE SIDE	HYDRO, 78 PSI
	TEST, SHELL SIDE	HYDRO, 33 PSI

The diagram shows a rectangular plate with the following features:

- Dimensions:** The plate is 6.5 units wide and 6.5 units high, as indicated by green dimension lines and labels.
- Top Left Markings:** A red square with a diagonal line and a 'U' symbol.
- Top Right Markings:** The text "CERTIFIED BY:" followed by a red circular logo with a stylized 'S' and the number "336".
- Center Text:** "SEITZ STAINLESS" in large, bold, black capital letters, with "AVON, MINNESOTA" in smaller capital letters below it.
- Bottom Left Text:** "SHELL SIDE" in bold capital letters.
- Bottom Right Text:** "TUBE SIDE" in bold capital letters.
- Bottom Center Text:** "20-3776" and "MANUFACTURER'S SERIAL NUMBER" in bold capital letters, followed by "2020" and "YEAR BUILT" in bold capital letters.

[illegible]