



NOZZLE SCHEDULE				
MK	QT	DESCRIPTION	PROCESS	AUXILIARIES
N4	1	6" 300#RF WN	INLET	
N5	1	6" 300#RF WN	OUTLET	
N2	1	6" 150#RF WN	OUTLET	
D	1	2" 150# RF WN/W BLIND	TEMP.	
N1	1	6" 150#RF WN	INLET	
V	1	2" 150# RF WN/W BLIND	TEMP.	
N3	1	2" 150# RF WN/W BLIND		
N6	1	2" 150# RF WN/W BLIND		
N9	1	2" 150# RF WN/W BLIND		
N7	1	2" 150# RF WN/W BLIND		
N8	1	2" 150# RF WN/W BLIND		

REV.	DESCRIPTION	DATE	BY
2	PER CUST. COMMENTS	8/11/19	LC
1	PER CUST. COMMENTS	6/13/19	LC

DESIGN DATA	SHELL	TUBE
DESIGN PRESSURE P.S.I.G.	250	50
VACUUM PRESSURE P.S.I.G.	FV	FV
TEST PRESSURE P.S.I.G.	325	65
DESIGN TEMP. Deg.F.	750	750
MDMT Deg. F.	-20	-20
CORROSION ALLOWANCE	0"	0"
NUMBER OF PASSES	1	1
RADIOGRAPHY	FULL	FULL
HEAT TREAT REQUIRED	NO	NO

ESTIMATED WEIGHTS, LBS.		
DRY: 9350	BUNDLE: ----	WET: 15950

SPECIFICATIONS
 ASME CODE SECT. VIII DIV.1, 2017 ED (STAMP YES)
 TEMA CLASS R
 NATIONAL BOARD REGISTRATION REQUIRED

MATERIAL				
CHANNEL:	SA-240-316/L	ALL 316/L MAT'L. TO BE DUAL CERTIFIED		
SHELL:	SA-240-316/L			
TUBESHEETS:	SA-182-F316/L			
BAFFLES:	SA-240-316/L			
TUBES:	SA-312TP316/L			
(108)	2 3/8" O.D.X	0.1540"	x 12'-0"	LG.
TUBE PITCH	3"		SURFACE 784	SQ.FT.

GENERAL NOTES
 ALL BOLT HOLES TO STRADDLE NATURAL CENTER LINES.
 TUBE TO TUBESHEET JOINT: EXPANDED & ROLLED
 GASKETS: .1250" THK. 316/L KAMMPROFILE
 PAINT: NOT REQUIRED
 CLEAN SURFACE TO REMOVE SHOP MARKS

CUSTOMER: NOVVI
 JOB NO.: HVM1905003
 ITEM NO.: R406



ASSEMBLY AND SPECIFICATIONS FOR
 ONE 36-144 B E M

6- 5-19

R-406-1