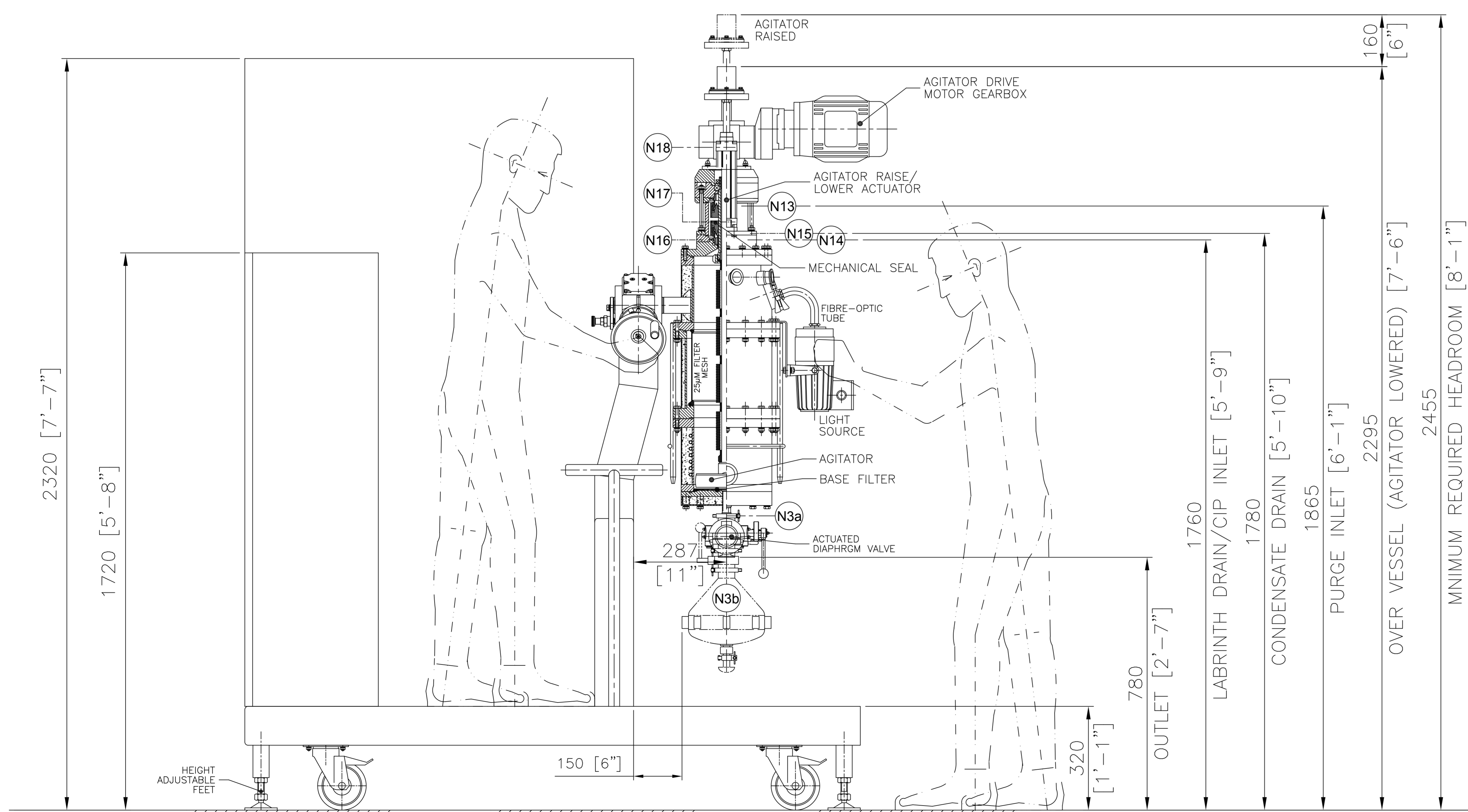


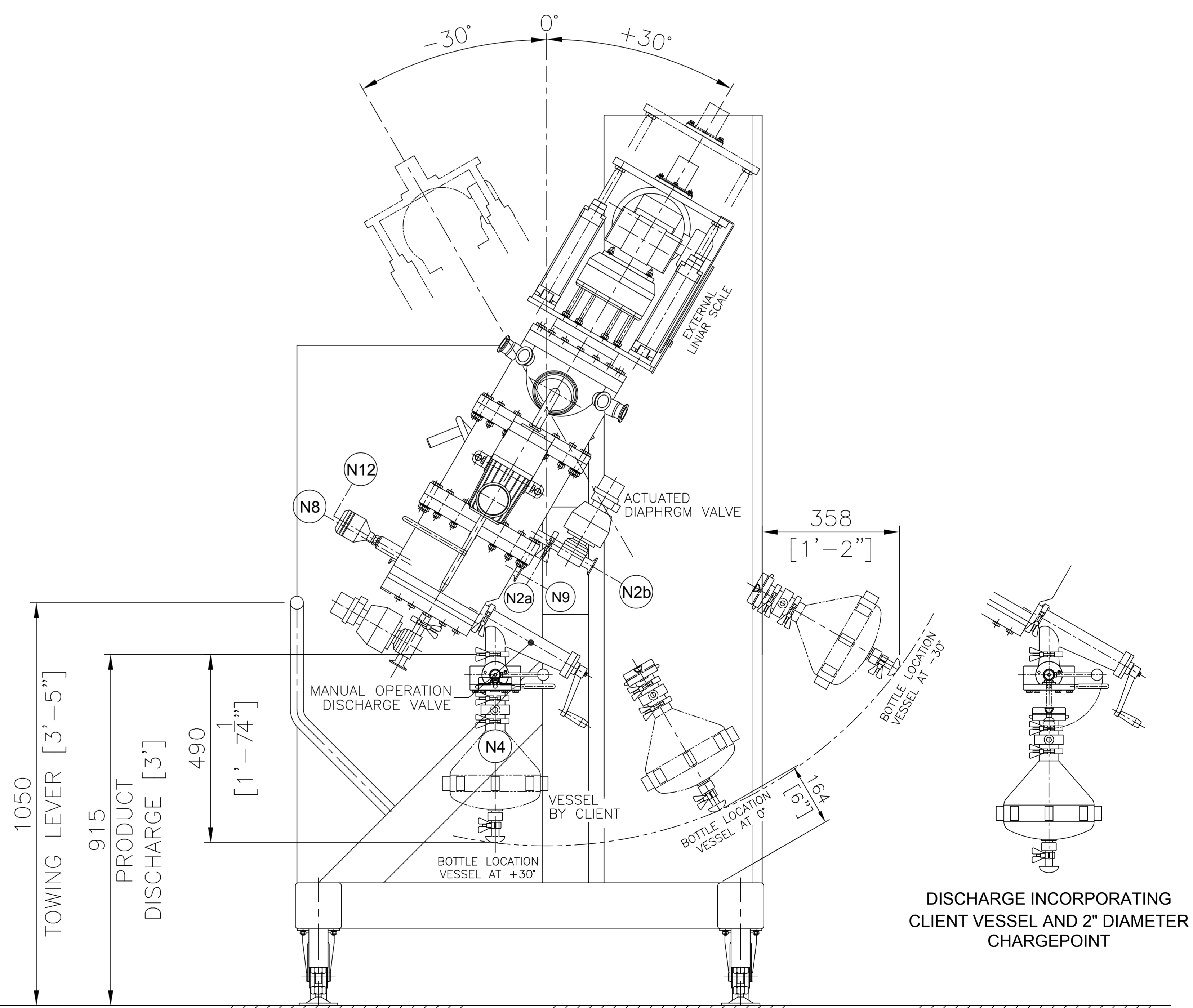
PLAN VIEW



PART SECTIONED SIDE ELEVATION

NOZZLE SCHEDULE				VALVE SCHEDULE						
ID	DESCRIPTION	SIZE	TYPE	IDENT	SIZE	TYPE	CONNECTION	ACTUATION	SEAL	DUTY
N1	SLURRY INLET	1-1/2"	FERRULE - BS4825-3	XV200	25 (1")	DIAPHRAGM	BS4825-3	PNEU	VITON	FILTRATE OUTLET N2b
N2a	VALVE CONNECITON 1	1"	FERRULE - BS4825-3	XV300	25 (1")	DIAPHRAGM	BS4825-3	PNEU	VITON	FILTRATE OUTLET N3b
N2b	FILTRATE OUTLET 1	1"	FERRULE - BS4825-3							
N3a	VALVE CONNECTION 2	1"	FERRULE - BS4825-3	MV4	40(1.5")	TAPER PLUG	BS4825-3	MANUAL	VITON	PRODUCT OUTLET N4
N3b	FILTRATE OUTLET 2	1"	FERRULE - BS4825-3							
N4	HATCH OUTLET/CIP DRAIN	2"	FERRULE - BS4825-3							
N5	SAFETY VENT/BURST DISC	1-1/2"	FERRULE - BS4825-3							
N6	PROCESS VENT	1-1/2"	FERRULE - BS4825-3							
N7	VESSEL N2 INLET	1-1/2"	FERRULE - BS4825-3							
N8	HTF INLET	1"	FERRULE - BS4825-3							
N9	HTF OUTLET	1"	FERRULE - BS4825-3							
N10	PRESSURE TRANSMITTER	1-1/2"	FERRULE - BS4825-3							
N11	PRESSURE INDICATOR	1-1/2"	FERRULE - BS4825-3							
N12	RTD THERMOMETER	G 1/2"	BSP (F)							
N13	MECH. SEAL N2	G 1/4"	BSP (F)							
N14	LABYRINTH CIP	G 1/4"	BSP (F)							
N15	CONDENSATE DRAIN	G 1/4"	BSP (F)							
N16	LABYRINTH DRAIN	G 1/4"	BSP (F)							
N17	AGI. RAISE	G 1/4"	BSP (F)							
N18	AGI. LOWER	G 1/4"	BSP (F)							
N19	SIGHT/LIGHT GLASS	4"	FERRULE - BS4825-3							

DESIGN PARAMETERS		
DESIGN CODE:	ASME VIII DIV 1:2013 'U' STAMPED	
HAZARDOUS AREA:	CLASS 1 DIV 2 GROUP D, T3C	
DESIGN PRESSURE:	FV TO 87 Psig	VESEL HEATING COILS
OPERATING PRESSURE:	FV TO 43 Psig	FV TO 87 Psig
DESIGN TEMPERATURE:	23' TO 302°F	23' TO 302°F
CORROSION ALLOWANCE:	NIL	NIL
STRESS RELIEF:	NONE	NONE
RADIOGRAPHY (BUTT WELDS):	100%	100%
MATERIALS OF CONSTRUCTION		
CONTACT PARTS:	316L SS	
NON - CONTACT PARTS:	304L SS	



FRONT ELEVATION

REVISION F		REVISION E		REVISION D		REVISION C		REVISION B		REVISION A		ORIGINAL ISSUE & CE REVIEW		THIRD ANGLE PROJECTION	DIMENSIONS IN mm DO NOT SCALE	 POWDER SYSTEMS LTD ESTUARY BUSINESS PARK LIVERPOOL L24 0RG UNITED KINGDOM Website: www.powdersystems.com	DRN BY: RPW DATE: 09.04.14 SCALE: NTS CHK BY: APPD BY:	DRG No: 70434B01 REV: F	FRAME: AT
MOD BY	APPROVED	DATE	MOD BY	APPROVED	DATE	MOD BY	APPROVED	DATE	MOD BY	APPROVED	DATE	DEPT	APPROVED						
PRB		18.06.14	PRB		16.06.14	PRB		06.06.14	PRB		28.05.14	RPW		40					
														60					
														70					