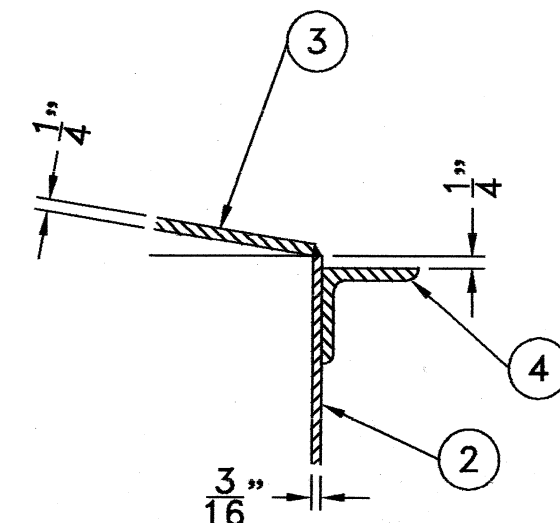
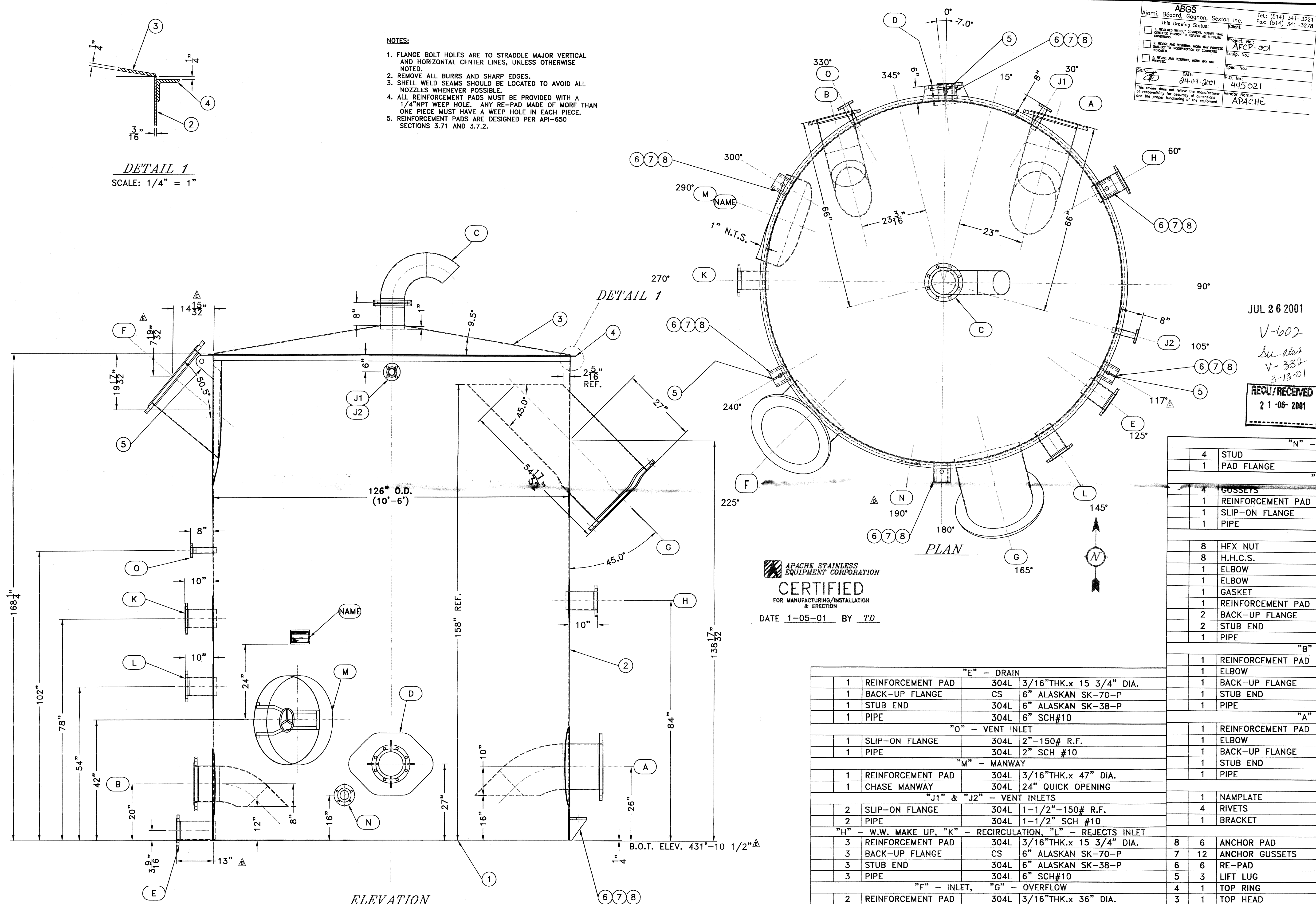




DETAIL 1
SCALE: 1/4" = 1"

- NOTES:**
1. FLANGE BOLT HOLES ARE TO STRADDLE MAJOR VERTICAL AND HORIZONTAL CENTER LINES, UNLESS OTHERWISE NOTED.
 2. REMOVE ALL BURRS AND SHARP EDGES.
 3. SHELL WELD SEAMS SHOULD BE LOCATED TO AVOID ALL NOZZLES WHENEVER POSSIBLE.
 4. ALL REINFORCEMENT PADS MUST BE PROVIDED WITH A 1/4" NPT WEEP HOLE. ANY RE-PAD MADE OF MORE THAN ONE PIECE MUST HAVE A WEEP HOLE IN EACH PIECE.
 5. REINFORCEMENT PADS ARE DESIGNED PER API-650 SECTIONS 3.71 AND 3.7.2.



ENGINEERING DATA	
MATERIAL	FINISH
SHELL: SA240-304L	MILL
TOP: SA240-304L	MILL
BOTTOM: SA240-304L	MILL
HEAT/COOL JACKET: NONE	
MEDIUM:	
TOP:	
BOTTOM:	
SHELL:	
INSULATION: NONE	
PAINT: FINISH PAINT USING SHERWIN-WILLIAMS TILE CLAD II EPOXY SYSTEM. COLOR: RAL6016 - TURQUOISE GREEN	
WELD FINISH REQUIREMENTS	
INTERIOR:	WF-3
EXTERIOR:	WF-3
JACKET:	NA
CODE	API-650
DESIGN TEMP. °F	125
DESIGN INTERNAL PRESSURE	ATMOSPHERIC
DESIGN EXTERNAL PRESSURE	NONE
CORROSION ALLOWANCE (INCH)	0
HYDROSTATIC TEST REQ'D - PSI	NO
PNEUMATIC TEST REQ'D - PSI	NO
DYE-PENETRANT TEST REQ'D	YES
WIND LOAD	NONE
SEISMIC ZONE	1
JOINT EFFICIENCY	0.70
RADIOGRAPH	NONE REQ'D
SPECIFIC GRAVITY	1.0
WEIGHT EMPTY (APPROX.)	6800 LBS
WEIGHT FULL (APPROX.)	83,000 LBS
VOLUME (APPROX.)	9050 U.S. GAL
ROOF DESIGN LOAD	30 PSF

"N" - LEVEL TRANSMITTER				
	4	STUD	304L	5/8"-11UNCx 2 1/2" LONG
	1	PAD FLANGE	304L	3"
"D" - AGITATOR				
	4	GUSSETS	304L	3/8"THK. x 4" WIDE
	1	REINFORCEMENT PAD	304L	3/16"THK.x 23" DIA.
	1	SLIP-ON FLANGE	304L	8"-150# R.F.
	1	PIPE	304L	8" SCH #40
"C" - VENT				
	8	HEX NUT	CS ZINC	3/4"-11UNC
	8	H.H.C.S.	CS -ZINC	3/4"-11UNC
	1	ELBOW	304L	8" SCH#10 45° L.R.
	1	ELBOW	304L	8" SCH#10 90° L.R.
	1	GASKET	NEOPRENE	8"-150# FULL FACE
	1	REINFORCEMENT PAD	304L	3/16"THK.x 23" DIA.
	2	BACK-UP FLANGE	CS	8" ALASKAN SK-70-P
	2	STUB END	304L	8" ALASKAN SK-38-P
	1	PIPE	304L	8" SCH# 10
"B" - PUMP SUCTION				
	1	REINFORCEMENT PAD	304L	3/16"THK.x 27" DIA.
	1	ELBOW	304L	12" SCH# 10, 45° L.R.
	1	BACK-UP FLANGE	CS	12" ALASKAN SK-70-P
	1	STUB END	304L	12" ALASKAN SK-38-P
	1	PIPE	304L	12" SCH #10
"A" - PUMP SUCTION				
	1	REINFORCEMENT PAD	304L	3/16"THK.x 28" DIA.
	1	ELBOW	304L	16" SCH# 10, 45° L.R.
	1	BACK-UP FLANGE	CS	16" ALASKAN SK-70-P
	1	STUB END	304L	16" ALASKAN SK-38-P
	1	PIPE	304L	16" SCH #10
NAME				
	1	NAMPLATE	ALUMINUM	0.032"THK.x 4"x 6"
	4	RIVETS	STAIN.STEEL	Ø3/32"x 7/32" LONG
	1	BRACKET	STAIN.STEEL.	1/8"THK.x 6"x AS REQ'D
ITEM NO.				
	8	6	ANCHOR PAD	A36 3/4"THK.x 6"x 6"
	7	12	ANCHOR GUSSETS	A36 1/2"THK.
	6	6	RE-PAD	304L 3/16"THK. x 13"x 14"
	5	3	LIFT LUG	304L 1/2"THK.
	4	1	TOP RING	304 2"x 2"x 3/16"
	3	1	TOP HEAD	304L 1/4"THK. x 9.5 DEG CONE
	2	1	SHELL	304L 3/16"THK. x 126"ID x 168"
	1	1	BOTTOM	304L 1/4"THK. x 128 3/8" DIA.
ITEM NO.		DESCRIPTION		MAT'L DIMENSIONS

			"E" — DRAIN	
1	REINFORCEMENT PAD	304L	3/16"THK.x 15 3/4" DIA.	
1	BACK-UP FLANGE	CS	6" ALASKAN SK-70-P	
1	STUB END	304L	6" ALASKAN SK-38-P	
1	PIPE	304L	6" SCH#10	
"O" — VENT INLET				
1	SLIP-ON FLANGE	304L	2"-150# R.F.	
1	PIPE	304L	2" SCH #10	
"M" — MANWAY				
1	REINFORCEMENT PAD	304L	3/16"THK.x 47" DIA.	
1	CHASE MANWAY	304L	24" QUICK OPENING	
"J1" & "J2" — VENT INLETS				
2	SLIP-ON FLANGE	304L	1-1/2"-150# R.F.	
2	PIPE	304L	1-1/2" SCH #10	
"H" — W.W. MAKE UP, "K" — RECIRCULATION, "L" — REJECTS INLET				
3	REINFORCEMENT PAD	304L	3/16"THK.x 15 3/4" DIA.	
3	BACK-UP FLANGE	CS	6" ALASKAN SK-70-P	
3	STUB END	304L	6" ALASKAN SK-38-P	
3	PIPE	304L	6" SCH#10	
"F" — INLET, "G" — OVERFLOW				
2	REINFORCEMENT PAD	304L	3/16"THK.x 36" DIA.	
2	BACK-UP FLANGE	CS	24" ALASKAN SK-70-P	
2	STUB END	304L	24" ALASKAN SK-38-P	
2	PIPE	304L	3/16"THK x 24" DIA.	

<u>WELD FINISH STANDARDS</u> WF = WELD FINISH <u>SUFFIX DESIGNATIONS:</u> 0 = AS WELDED (NO FINISH REQUIRED) 1 = REMOVE BURRS, SHARP EDGES, FLUX AND SPATTER. 2 = PASSIVATED 3 = COLOR CLEANED (NO DISCOLORATION PRESENT)	4 = GLASS BEAD 5 = GROUND (WELDS CLEANED, RIPPLE GROUND OFF, 80 GRIT, WELD IS NOT FLUSH) 6 = RIBBON GRIND FLUSH (WELD AREAS CLEANED AND GRIND FLUSH WITH PARENT METAL—MUST SPECIFY GRIT)
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	REVISED PER A.B.G.S. APPROVAL 12/12/00			TJD	12/31/00		LOWER B.O.T. ELEVATION AND ADJUST ANGLE OF NOZZLE "H" CORRECTED AFF DWS NO ON SHIT 2			TJD	2/27/01		
	REVISED PER A.B.G.S. REVISIONS DATED 1-17-01			TJD	01/19/01								
	CORRECTED NAMEPLATE DETAIL, ROTATED ANCHOR CHAIR FROM 120° TO 117°			TJD	02/19/01								
	MOVED NOZZLE "H" FROM 310° TO 190°			TJD	02/23/01								
REV.	CN#	DESCRIPTION			RY	DATE	REV	CN#	DESCRIPTION			RY	DATE



APACHE STAINLESS EQUIPMENT CORP.

PLOVER, WISCONSIN

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CUSTOMER:	
ALLIANCE FOREST PRODUCTS COOSA PINES, AL	
P.O. NUMBER:	TOLERANCES:
445021	FRACTIONAL: 1/8"
SHEET NO: 1 OF 2	DECIMAL: .125"
NEXT DWG:	ANGULAR: ± 1°

EQUIPMENT: <i>MB41120</i>		
<i>QUATERNARY COARSE SCREEN</i>		
<i>FEED TANK</i>		
AFP DWG No: <i>CR-94-M-0236</i> 		
DRAWN: <i>TJD</i>	JOB NO: <i>3744</i>	DWG. NUMBER
CHK'D:	DATE: <i>11-20-00</i>	<i>D-3744-03</i>
APP'D:	SCALE: <i>1/8" = 1'</i>	