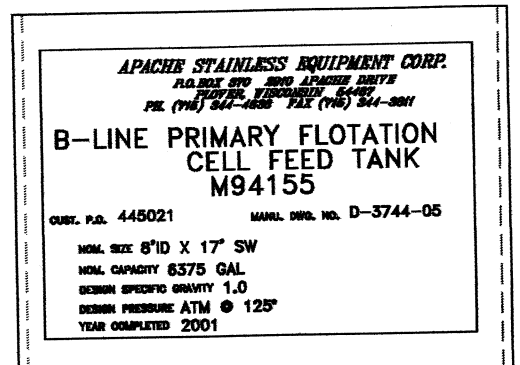
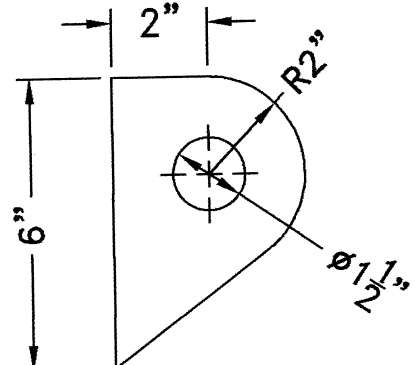


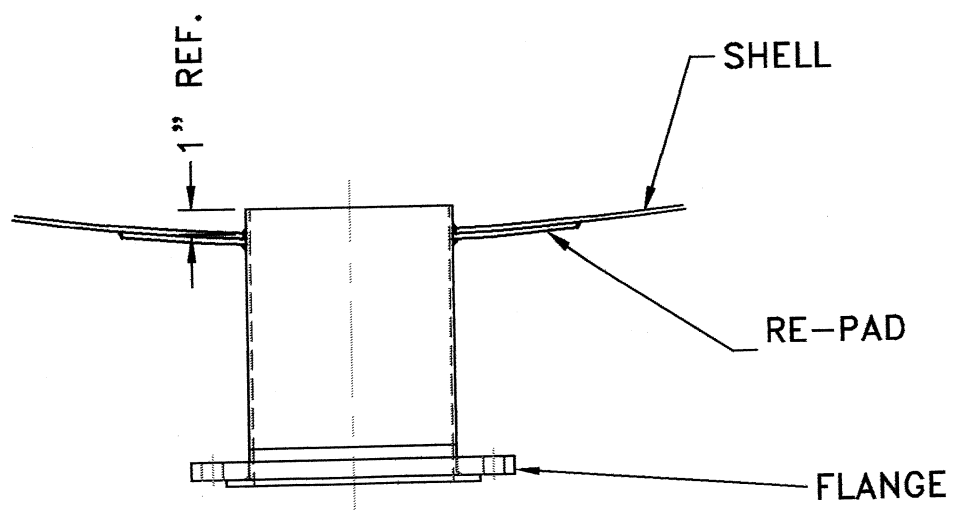


NAMEPLATE DETAIL
SIZE AND ORIENTATION OF
LETTERS MAY VARY

LIFT LUG DETAIL
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.

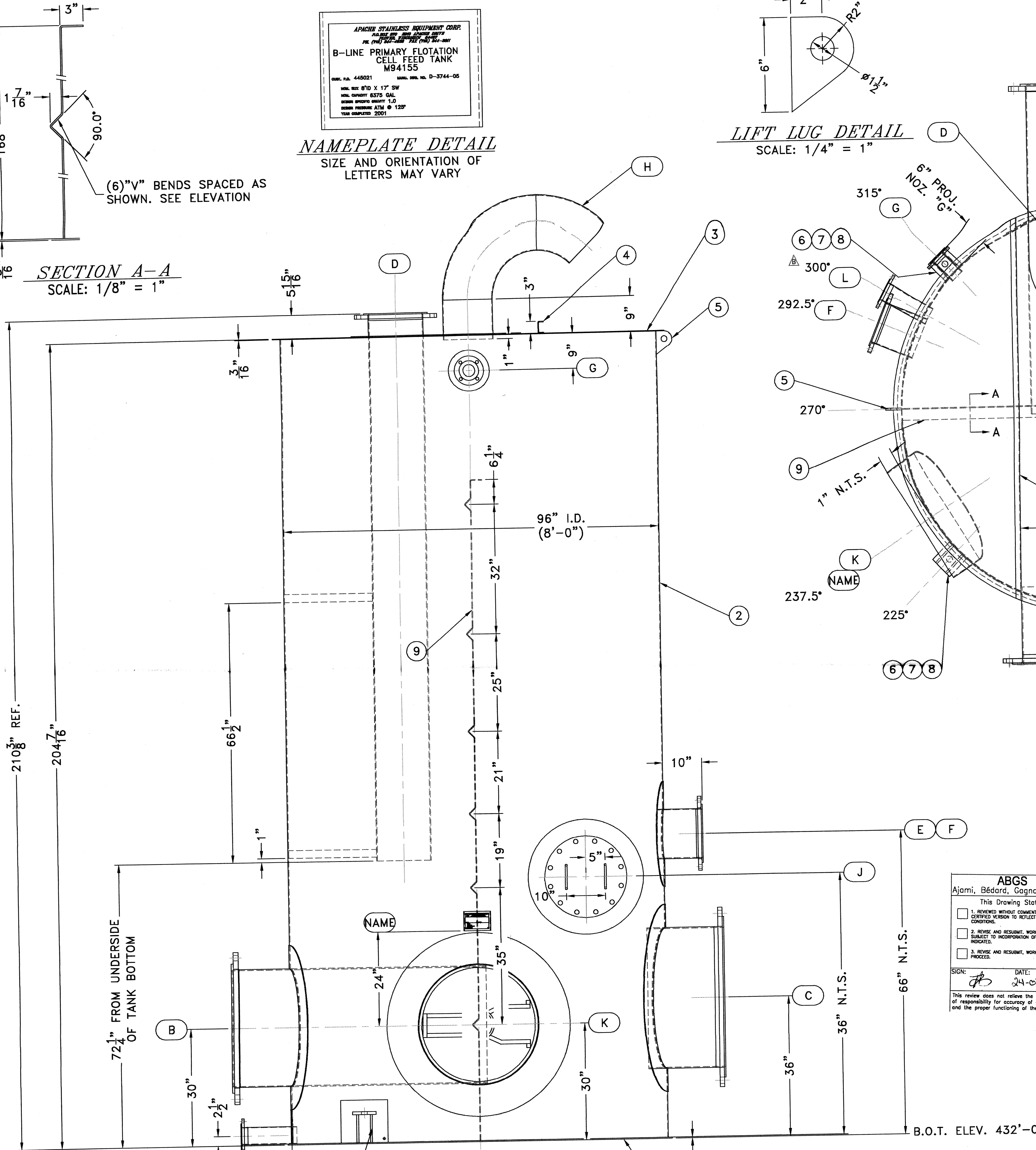


TYP. NOZZLE DETAIL
NOT TO SCALE

APACHE STAINLESS
EQUIPMENT CORPORATION
CERTIFIED
FOR MANUFACTURING/INSTALLATION
& ERECTION
DATE 1-3-00 BY TD

JUL 26 2001
V-602
De aka V-322
3-13-01

ENGINEERING DATA	
MATERIAL	FINISH
SHELL: SA240-304L	MILL
TOP: SA240-304L	MILL
BOTTOM: SA240-304L	MILL
HEAT/COOL JACKET: NA	
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.)	6630 LBS
WEIGHT FULL (APPROX.)	59,800 LBS
VOLUME (APPROX.)	6375 U.S. GAL.



ABGS
Ajami, Bédard, Gagnon, Sexton Inc. Tel: (514) 341-3221
Fax: (514) 341-3278

This Drawing Status:

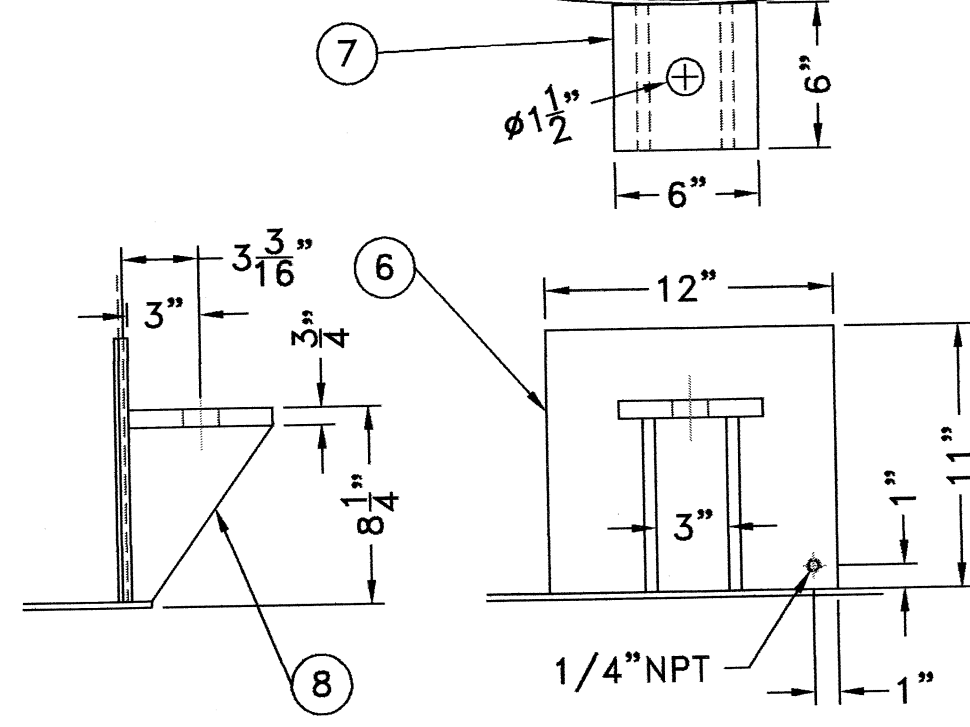
1. REVIEWED WITHOUT COMMENT, SUBMIT FINAL
2. REVIEWED AND RESUBMIT, WORK WAS NOT PROCEED
3. REVIEWED AND RESUBMIT, WORK WAS NOT PROCEED

Project No.: AFCD-001
Equip. No.:
Spec. No.:
P.O. No.: 445021
Vendor Name: APACHE

Signature: [Signature]
Date: 24-07-2001

This review does not relieve the manufacturer of responsibility for accuracy of dimensions and the proper functioning of the equipment.

REQD/RECEIVED
21-06-2001



ANCHOR CHAIR DETAIL
SCALE: 1/8" = 1"

"D" - PRESSES FILTRATE, "J" - INSPECTION HOLE	
2 HANDLES "J"	304 1/2" RND BAR
1 BLIND FLANGE "J"	C/S CLAD 14"-150# W/316L CLADDING
12 HEX NUT "J"	CS - ZINC 1"-8UNC
12 H.H.C.S. "J"	CS - ZINC 1"-8UNC x 4" LG
1 GASKET "J"	NEOPRENE 1/8" THK. x 14"-150# BLIND
8 PIPE SUPPORT "D"	304L 3/16" THK. x 2" WIDE
2 REINFORCEMENT PAD	304L 3/16" THK. x 20 1/2" DIA.
2 BACK-UP FLANGE	CS 14" ALASKAN SK-70-P
2 STUB END	304L 14" ALASKAN SK-38-P
2 PIPE	304L 14" SCH #10
"E" - CLEANERS REJECTS, "F" - SEC. CELLS ACCEPTS	
2 REINFORCEMENT PAD	304L 3/16" THK. x 23" DIA.
2 BACK-UP FLANGE	CS 10" ALASKAN SK-70-P
2 STUB END	304L 10" ALASKAN SK-38-P
2 PIPE	304L 10" SCH #10
"C" - PUMP SUCTION	
1 REINFORCEMENT PAD	304L 3/16" THK. x 48" DIA.
1 BACK-UP FLANGE	CS 36" ALASKAN SK-70-P
1 STUB END	304L 36" ALASKAN SK-38-P
1 PIPE	304L 36" O.D. x 1/4" WALL
"B" - W.W. DILUTION	
1 REINFORCEMENT PAD	304L 3/16" THK. x 42" DIA.
1 BACK-UP FLANGE	CS 30" ALASKAN SK-70-P
1 STUB END	304L 30" ALASKAN SK-38-P
1 PIPE	304L 30" O.D. x 1/4" WALL
"A" & "L" - DRAIN	
2 REINFORCEMENT PAD	304L 3/16" THK. x 10 1/2" DIA.
2 ENDPLATE	304L 3/8" THK.
2 BACK-UP FLANGE	CS 4" ALASKAN SK-70-P
2 STUB END	304L 4" ALASKAN SK-38-P
2 PIPE	304L 4" SCH #10
NAME	
1 NAMEPLATE	STAIN. STEEL 0.032" THK. x 4" x 6"
1 BRACKET	STAIN. STEEL 1/8" THK. x 6" x AS REQ'D
9 BAFFLE	304L 3/16" THK. x 96" x 168"
8 ANCHOR GUSSET	A36 1/2" THK.
4 ANCHOR PAD	A36 3/4" THK. x 6" x 6"
4 ANCHOR REPAD	304L 3/16" THK. x 11" x 12"
4 LIFT LUG	304L 1/2" THK.
2 ROOF STIFFENER	304L 3/16" x 1 1/2" x 3" FORMED
3 ROOF	304L 3/16" THK. x 100 3/8" DIA.
2 SHELL	304L 3/16" THK. x 96" I.D. x 204"
1 BOTTOM	304L 1/4" THK. x 98 3/8" DIA.
ITEM REQ'D DESCRIPTION	
1 NAME	STAIN. STEEL 0.032" THK. x 4" x 6"
1 BRACKET	STAIN. STEEL 1/8" THK. x 6" x AS REQ'D
9 BAFFLE	304L 3/16" THK. x 96" x 168"
8 ANCHOR GUSSET	A36 1/2" THK.
4 ANCHOR PAD	A36 3/4" THK. x 6" x 6"
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2 SHELL	304L 3/16" THK. x 96" I.D. x 204"
1 BOTTOM	304L 1/4" THK. x 98 3/8" DIA.
MATERIAL DIMENSIONS	

WELD FINISH STANDARDS	
WF - WELD FINISH	
SUFFIX DESIGNATIONS:	
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, RIPLE GROUND OFF, 80 GRIT, WELD IS NOT FLUSH)	
6 = RIBBON GRIND FLUSH (WELD AREAS CLEANED AND GRIND FLUSH WITH PARENT METAL - MUST SPECIFY GRIT)	

REV. CN#	DESCRIPTION	BY	DATE	REV. CN#	DESCRIPTION	BY	DATE
1	REINFORCEMENT PAD		1/4/01				
2	CHASE MANWAY		1/22/01				
3	REINFORCEMENT PAD						
4	ELBOW						
5	ELBOW						
6	PIPE						
7	REINFORCEMENT PAD						
8	BACK-UP FLANGE						
9	STUB END						
10	PIPE						

APACHE STAINLESS EQUIPMENT CORP.
Plover, Wisconsin

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CUSTOMER: ALLIANCE FOREST PRODUCTS
COOSA PINES, AL

P.O. NUMBER: 445021

SHEET NO: 1 OF 1

TOLERANCES:
FRACTIONAL: 1/8"
DECIMAL: .125"
ANGULAR: ± 1°

EQUIPMENT: MS4155
B-LINE PRIMARY FLOTATION CELL FEED TANK

AFC DWG No: CR-94-M-0239

DRAWN: TJD
CHKD: [Signature]
APP'D: [Signature]

JOB NO: 3744
DATE: 11-28-00
SCALE: 1/8" = 1"

DWG. NUMBER: D-3744-05

final