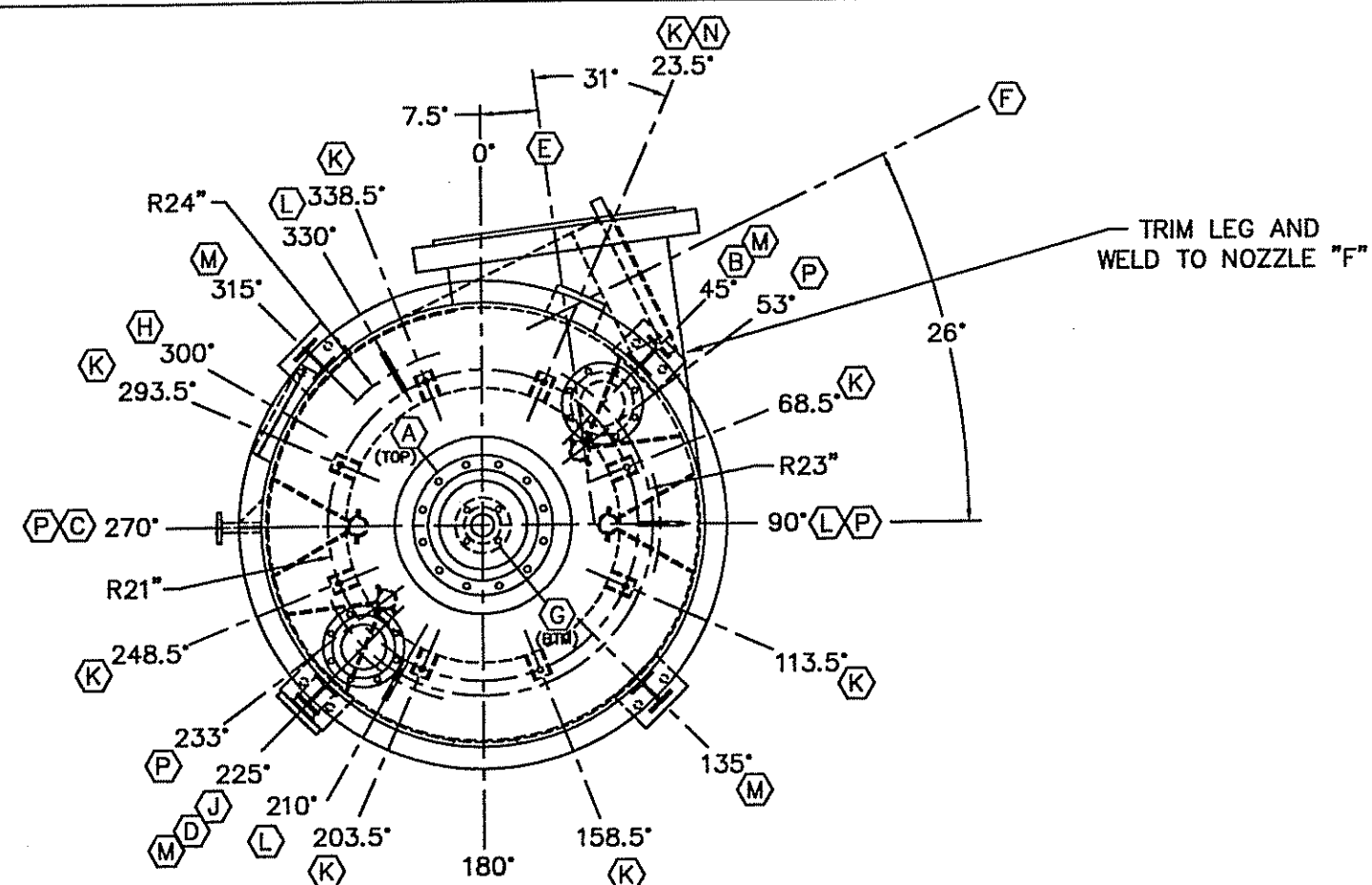
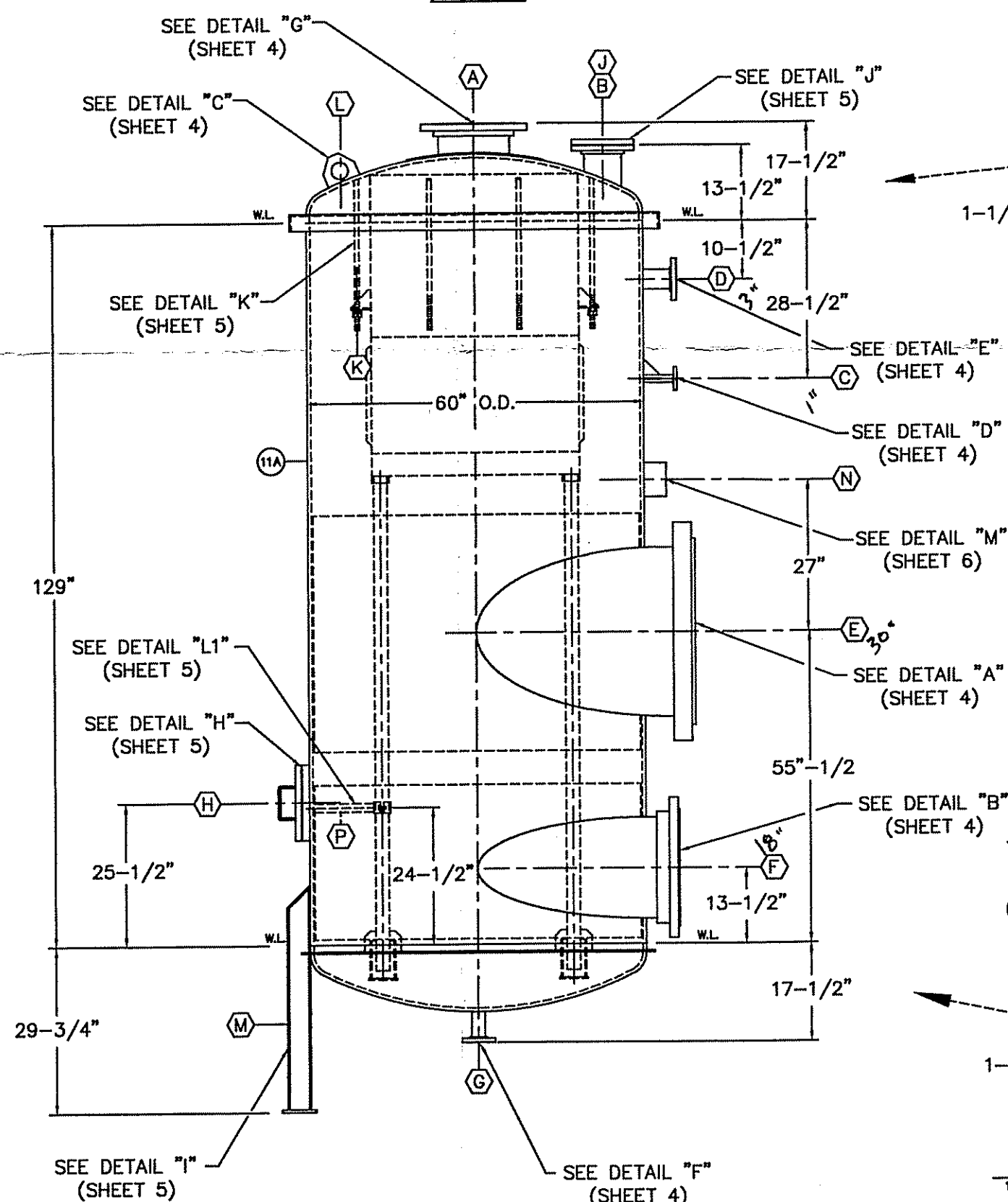
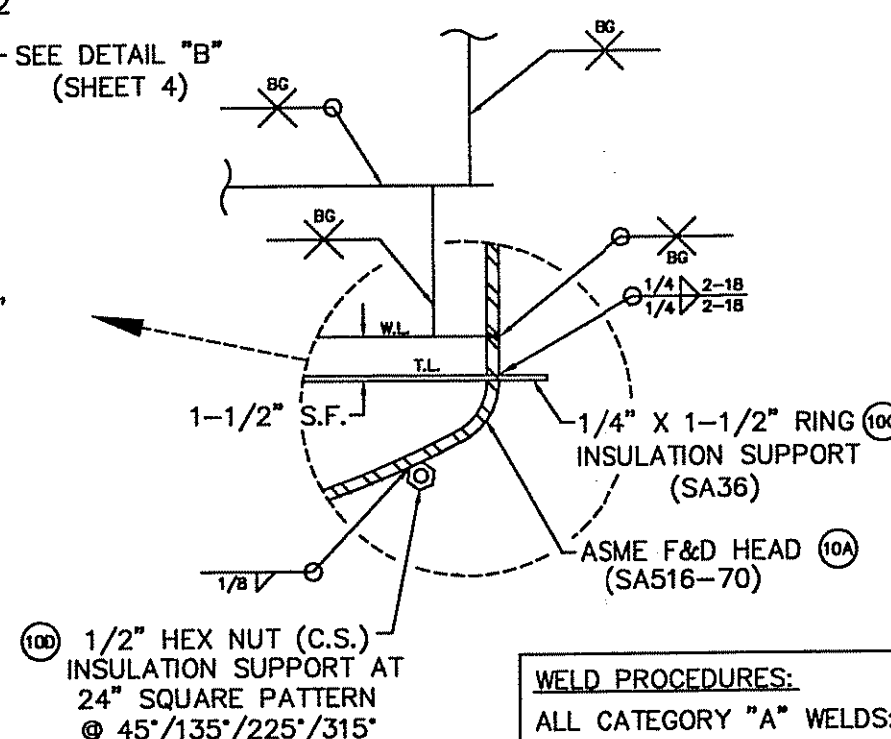
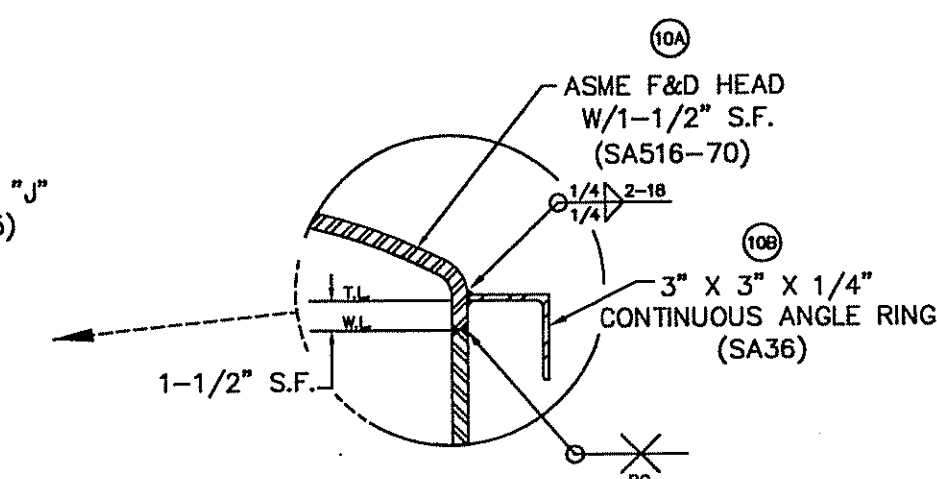




PLAN VIEW
1 2 3



ELEVATION VIEW
(SEE PLAN VIEW FOR CORRECT ORIENTATION)
1 2 3 4



Vendor	30255W11	Date:	03/09/09
Print File:		Equipment	
Sheet(s):	1 of 3	Number:	T-4100B-A, B, C
Project		Account	
Number:	47-7685	Number:	2025
Purchase			
Order No.:	4800280820		
Plant:	0147		
Reviewed			
Drafting Design:	AB		
Approved			
Project Engineer:	L.F. Lee		
Approved			
Reliability Engineer:			

ASME

WELD PROCEDURES:
ALL CATEGORY "A" WELDS: BENDEL WPS# 101-AA-1 (SAW)
HEAD TO SHELL WELDS: BENDEL WPS# 101-AA-1 (SAW)
ALL P8-P1 WELDS: BENDEL WPS# 801-MM-1 (GMAW)
ALL P8-P8 WELDS: BENDEL WPS# 808-MM-1 (GMAW)
ALL OTHER WELDS: BENDEL WPS# 101-MM-1 (GMAW)

SERVICE	MK.	SIZE	LOCATION	PROJ.	DESCRIPTION
STEAM OUTLET	A	12"	CENTER/TOP	AS NOTED	150# R.F. SLIP-ON FLANGE W/SCH.40 PIPE
SPARE	B	6"	45°/TOP	AS NOTED	150# R.F. SLIP-ON FLANGE W/SCH.40 PIPE W/BLIND
PRESSURE	C	1"	270°/SHELL	6"	150# R.F. SLIP-ON FLANGE W/SCH.40 PIPE
LEVEL	D	3"	225°/SHELL	6"	150# R.F. SLIP-ON FLANGE W/SCH.40 PIPE
STEAM INLET	E	30"	AS NOTED/SHELL	AS NOTED	PLATE FLANGE W/ 5/8" PL. STUB END
WATER OUTLET	F	18"	AS NOTED/SHELL	AS NOTED	150# LAP JOINT FLG. W/SCH.40 TYPE "A" STUB END & PIPE
DRAIN	G	2"	CENTER/BOTTOM	AS NOTED	150# R.F. SLIP-ON FLANGE W/SCH.80 PIPE
INSPECTION	H	8"	300°/SHELL	-	150# R.F. STUDDING PAD W/BLIND
RELIEF VALVE	J	6"	225°/TOP	-	150# R.F. SLIP-ON FLANGE WITH SCH.40 PIPE
SUPPORT RODS	K	-	AS NOTED/TOP	-	(8) PURIFIER SUPPORT RODS
LIFT LUGS	L	-	90°/210°/330°/TOP	-	(3) LIFT LUGS
SUPPORT LEGS	M	-	45°/135°/225°/315°/SHELL	-	(4) SUPPORT LEGS
NAMEPLATE	N	-	23.5°/SHELL	-	ASME NAMEPLATE WITH BRACKET
PIPE SUPPORTS	P	-	53°/90°/233°/270°/SHELL	-	(4) PIPE SUPPORTS

MATERIAL	
SHELL	5/8" PL. SA516-70
HEADS (0.437" MIN.)	5/8" NOM. ASME F&D WITH 60° DR, 3.75" KR, 1.5" SF, SA516-70
COUPLINGS	NONE
NOZZLES	FLANGES SA105 (B16.5) & SA182F304L (B16.5) NECKS SA53B (B36.10) (WELDED) & SA312TP304L (B36.10) (WELDED)
MANHOLES AND / OR HANDHOLES	FLANGES SA516-70 NECKS NONE COVERS SA105 (B16.5)
GASKETS	FLEXITALLIC STYLE "CG", 316 SS WINDING, FLEXICARB FILL, C.S. OUTER GAGE RING
BOLTING	SA193-B7/ SA194-2H
SUPPORTS	SA36
REINFORCEMENT PADS	NONE
DESIGN PRESSURE	100 PSI
DESIGN TEMPERATURE	340° F; MDMT: -20° F AT 100 PSI
CODE CASE	2547
CORROSION ALLOWANCE	NONE
RADIOGRAPHY	SPOT
HEAT TREATMENT	NONE
IMPACT TESTING	NONE; EXEMPT PER UCS-66 & UG-20
PAINTING	SANDBLAST ALL EXTERIOR SURFACES TO SSPC-SP10 AND APPLY CARBOLINE BITUMASTIC 300M IN MULTIPLE COATS TO ACHIEVE 16.0-20.0 MILS DFT.
HYDROSTATIC TEST	150 PSI FOR 2 HOURS
CODE & STAMPING	"U" (ASME SECTION VIII, DIV.1 07 ED; W/NAT'L BD REGIST.)
INSPECTION	BENDEL Q.C., A.I. & CUSTOMER
SPECIFIC GRAVITY	1.0
NOMINAL CAPACITY	1,700 GAL.
WEIGHT EMPTY	13,000 LBS.

APPROVED _____ DATE _____

NOTES:
FLANGE BOLT HOLES SHALL STRADDLE 0° - 180° CENTERLINES.
DRAIN NOZZLES SHALL BE FLUSH WITH INSIDE OF VESSEL.
FABRICATION TOLERANCES PER BENDEL "STD-8".

DATE	REVISION	BY
6-10-08	FOR CUSTOMER APPROVAL	C.M.
7-1-08	REVISED PER CUSTOMER COMMENTS, FOR CUSTOMER APPROVAL	M.S.
7-17-08	REVISED PER CUSTOMER COMMENTS, FOR CUSTOMER APPROVAL	C.M.
9-3-08	REVISED PER CUSTOMER COMMENTS, FOR CUSTOMER APPROVAL	C.M.
9-22-08	REVISED PER CUSTOMER COMMENTS, RELEASED FOR FABRICATION	C.M.
1-8-09	AS BUILT	J.C.

SUBJECT
(2) DMT OXIDIZER STEAM DRUMS
T-4100B-A, T-6100B-A

CUSTOMER
INVISTA
WILMINGTON, NC

BENDEL
CHARLOTTE, N.C.

SCALE: NONE S.O. NO. 13497 JOB NO. 3605 DWG. NO. 011349708 SH. NO. 1 OF 6