



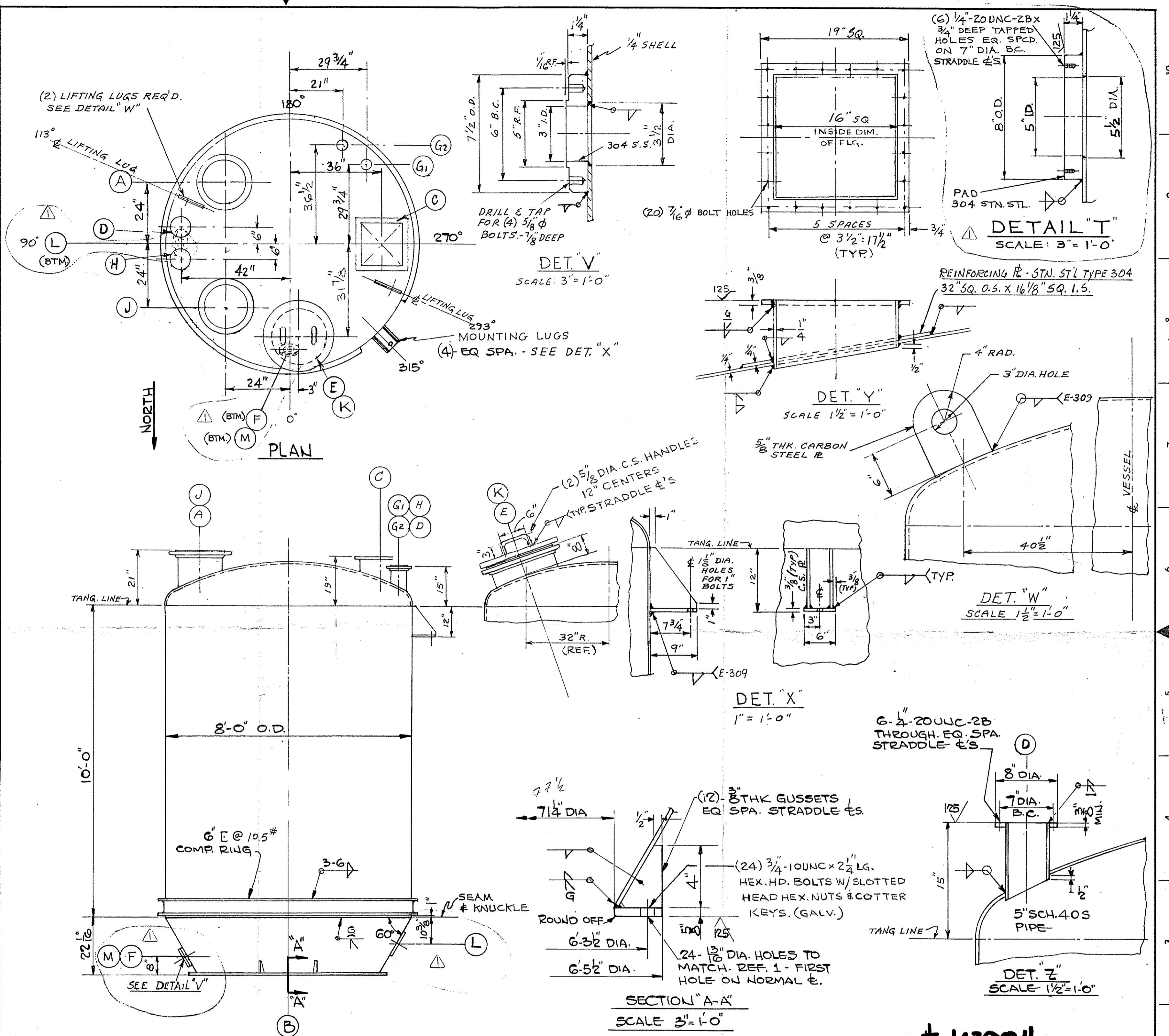
SPECIFICATIONS

PROCESS AND GENERAL INFORMATION	CONTENTS GROUND PRODUCT SOLIDS		WT. 65 LB./CU. FT.			
	CAPACITY OPERATING	GALS. DESIGN	GALS. TOTAL			
	AGITATION BIW ACTIVATOR AT OUTLET					
	HEATED NO	COOLED NO	JACKET NO	COIL NO	OTHER NONE	
	PRESSURE & TEMPERATURE:		SHELL:		JACKET OR COIL:	
	DESIGN	PSIG	AT	250 °F	PSIG AT °F	
	OPERATING	PSIG	AT	200 °F	PSIG AT °F	
	TEST-HYDROSTATIC	VISUAL	PSIG HOLD 2 HOURS		PSIG HOLD 2 HOURS	
	CORROSION ALLOWANCE NONE		CONSTRUCTION: CODE 5CS-3T1		STAMPING NONE	
	INSPECTION: HERCULES	YES	NATIONAL BOARD	NO	OTHER	VEUDOR
X-RAY INSPECTION: NO		FILM INSPECTION: HERCULES		NO	NATIONAL BOARD	NO
PAINTING CARBON STL PARTS - PER HERCULES STD 11CS-661						
WEIGHTS: EMPTY		5,000 LBS.	FILLED WITH WATER		LBS.	
EXTERNAL LOADING FILTER					150 LBS.	
FILLED WITH CONTENTS		44,000 LBS.	TOTAL MAXIMUM LOAD	44,150 LBS.		
SHELL	MATERIAL STN. STL. ASME SA 240 TYPE 304		THICKNESS 1/4"			
	SEAMS: WELDED ELECTRIC		JOINT TYPE DBL BUTT		EFFICIENCY	
ALL INTERNAL WELDS GROUND SMOOTH.						
HEAD	TOP		BOTTOM			
	MATERIAL STN. STL. ASME SA 240 TYPE 304		STN. STL. ASME SA 240 TYPE 304			
	TYPE ASME F & D		FRUSTRUM OF CONE			
THICKNESS 5/16"		1/4"				
NOZZLES	MATERIAL STN. STL. ASME SA 312 TYPE 304		THICKNESS AS NOTED			
	TYPE. SEE DETAILS & NOZZLE DATA.					
GASKETS	USE TYPE "A" STUB ENDS INSTEAD OF TYPE "B" AS CALLED FOR IN STDS.					
	FOR TEST JM # 117 - 1/8" FOR BOTTOM RING. - JM # 91 - 1/8" FOR ALL OTHERS					
FOR COMPLETED CONNS. SUPPLY NEW GASKETS SAME AS ABOVE						
JACKETS	MATERIAL NONE		THICKNESS			
	TYPE HEAD		THICKNESS			
COILS	MATERIAL NONE		DIAMETER		THICKNESS	
			LIN. FT.		SQ. FT. SURFACE	
BOLTING	INTERIOR		EXTERIOR			
	BOLTS OR STUDS: TYPE NONE		HEX. HD. BOLTS - HEAVY PATTERN			
	BOLTS OR STUDS: MATERIAL		ALLOY STL. ASME SA-193 GR. B7 (GALV.)			
	NUTS: TYPE		HEX. - HEAVY PATTERN			
NUTS: MATERIAL		ASME SA-194 GR. H OR 2H (GALV.)				
MISCEL.	INSULATION NONE		NO. UNITS REQ'D. ONE (T-4082)			
	ALL GASKET SURFACES TO HAVE 125 R.M.S. FINISH OR BETTER.					

NOZZLE DATA							
NOZZLE	SIZE	USE	SPECIFICATION	NOZZLE	SIZE	USE	SPECIFICATION
A	16"	INLET	5ES-4N3J				
B	7 1/2"	OUTLET	SECT "A-A"				
C	16"	FILTER	DET. "Y"				
D	5"	BIW INDICATOR	DET. "Z"				
E	24"	MANHOLE	5ES-4N1J				
F	3"	SAMPLE PAD	SEE DET. "V"				
G ₁ -G ₂	2"	INERT GAS	5ES-4N3J				
H	4"	GAGING	5ES-4N3J				
J	16"	INLET	5ES-4N3J				
K	24"	150# BLIND FLG. (LINED)	5ES-4FIQ/A				
L	5"	LOW LEVEL	DET. "T"				
M	3"	BLIND FLANGE	150# STD.				

NO.	DATE	JOB NO.	DESCRIPTION	RVS'D.	CK'D.	APP'VD.	NO.	DATE	JOB NO.	DESCRIPTION	RVS'D.	CK'D.	APP'VD.	TITLE	PLANT	ACCOUNT	CLASSIFICATION	FILE CODE
2	11-2-72	026035	HYDROSTATIC TEST WAS WITH WATER	ESM										4. ARRGT. UPPER PLANS	02G	2032	51002	5WE
1	8-8-72	026035	ASSED BY FILE IN TRK. USE "R" AS GASKET FILE NO. "T" FOR NEW NOZZLES.	WES	RM									3. VENDORS DWG			B.P.F.#	
0	6/29/72	026035	GENERAL CHECKING REUS.	L.F.	RJP									2. VENT FILTER			B.P.F.#	
A	5/11/72	026035	FOR BIDDING PURPOSE ONLY	W.H.B.	ESM									1. BIW ACTIVATOR			B.P.F.# 42630	

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* - WITH PROTECTOSEAL NO. N4974 GAGING HATCH.

ELEVATION FOR ORIENTATION SEE PLAN.

GRAPHIC SCALES

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B0760-W	026035	HERCULES INCORPORATED	
MICRO FILM NUMBER	JOB NUMBER	PLANT	HANOVER
SCALE 2" = 1'-0" & AS NOTED	DATE 3-13-72	BUILDING	UNGROUND STORAGE & GRINDING-T.P.A.
DRAWN A.A. ARMITAGE	7/8/72	T.P.A. PRODUCTION LINE	
CHECKED R. J. PHILLIPS	7-10-72	GRINDER SURGE BIW	
APPROVED D. J. HAYES	7-10-72	T-4082	
APPROVED D. J. BUCKER	7-11-72	ASSEMBLY & DETAILS	
APPROVED H. B. SHULTZ	7-20-72	DRAWING NUMBER	
APPROVED G. E. MILLER	7-21-72	02G	2032
APPROVED P. J. HAYES		52082	4WE 2
APPROVED		PLANT	ACCOUNT
		CLASSIFICATION	FILE CODE
		REV.	