SUPPLIED BY CUSTOMER

(901) INDUCTION MOTOR; 600 HP, 1200 RPM, 5013S FRAME, 4160 V, 3 PH, 60 HZ. MOTOR STARTER, WIRING AND MOTOR SOLEPLATE.

(902) CLEAR WATER SUPPLY WITH CHECK VALVE, ROTO-METER AND SOLENOID VALVE FOR PACKING SEAL WATER. 0.50" NPTF, 1-2 GPM.

(903) 10 - 30 GPM OF CLEAR COOLING WATER FOR OIL COOLER, 105 DEG F MAX. 1.50" NPTF CONNECTION IN AND OUT.

(904) ALL FOUNDATION, ERECTION AND ASSEMBLY.

(905) ALL STEEL REINFORCED CONCRETE SUPPORTS FOR TANK AND DRIVE COMPONENTS.

(906) ALL PIPING, PIPING MUST BE SUPPORTED TO PREVENT EXTERNAL LOADS ON EQUIPMENT. FABRICATION TOLERANCES APPLY TO NOZZLE LOCATION DIMENSIONS. CUSTOMER MUST PROVIDE LOOSE ANGLE STYLE FACE RINGS AND SUFFICIENT NUMBER OF FIELD FIT JOINTS IN ADJOINING PIPING TO ACCOMODATE MINOR VARIATIONS IN TRUE POSITION.

(907) ALL SAFETY GUARDS, SPLASH GUARDS, SHOWERS, COVERS, INSTRUMENTATION AND CONTROLS NOT SHOWN.

(908) CLEARANCE TO ALLOW INSTALLATION AND REMOVAL OF PULPER AND DRIVE FROM UNDER TANK. LOCATION OF EXTRACTION NOZZLE, STOCK PUMP, JUNK TOWER AND CONVEYOR SHOULD BE CONSIDERED.

(909) ASSEMBLY AND FINAL WELDING OF BAFFLES AND CONES. MAXIMUM WELD PROJECTION TO BE .13", DO NOT GRIND.

(910) FINAL POSITIONING AND WELDING OF EXTRACTION CHAMBER TO TANK AFTER TANK ALIGNMENT AND ASSEMBLY IS COMPLETE.

(911) LEVEL TRANSMITTER. VOITH TO SUPPLY MOUNTING FLANGE PER CUSTOMER DRAWING.

(912) FIELD CUT OPENING IN JUNK TOWER TO FIT CHUTE PRIOR TO WELDING.

(913) FIELD CUT OPENING IN TANK TO FIT CHUTE PRIOR TO WELDING.

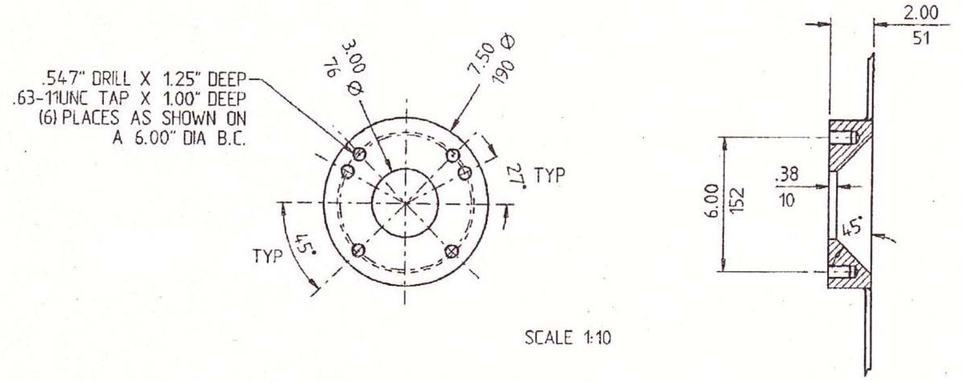
(914) FIELD WELD CHUTE TO JUNK TOWER AND TANK AFTER PROPER FIT UP.

(915) FIELD WELD BRACE BETWEEN TANK AND JUNK TOWER.

(916) 45 DEGREE ELBOW REQUIRED, DO NOT USE 90 DEGREE ELBOWS BEFORE CONTAMINEX CM.

(917) CUSTOMER EXISTING TANK. CUSTOMER IS RESPOSIBLE FOR HANDLING, SETTING, ALIGNING AND ANCHORING OF TANK. ANY UNNECESARY NOZZLES SHOULD BE CUT OFF AND PATCHED.

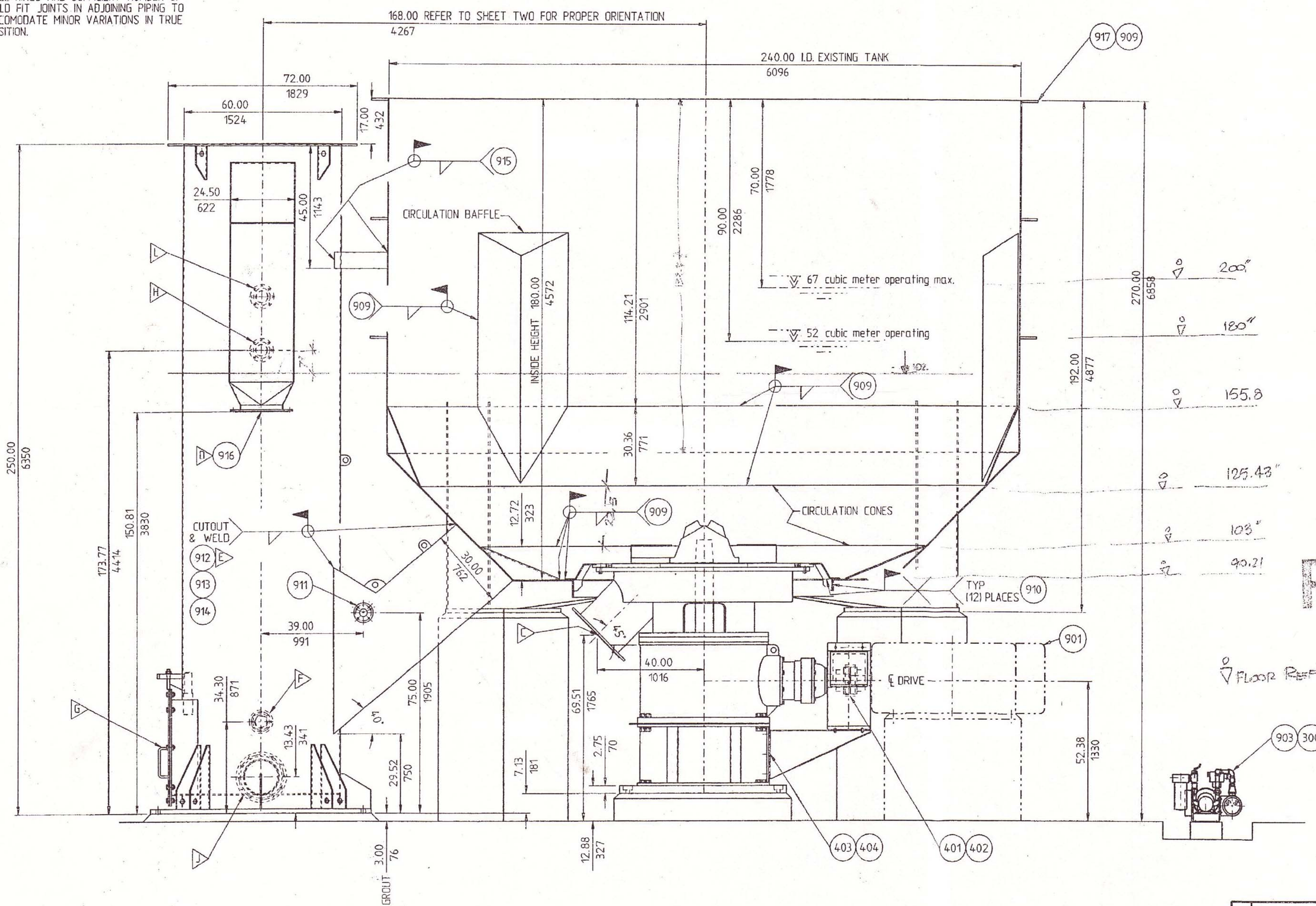
LEVEL TRANSMITTER FLANGE DETAIL



SCALE 1:10

SUPPLIED BY VOITH

BUBBLE	ITEM	DESCRIPTION	QTY	DRAWING
100	138404	ASSY PLPR 55HO H206 316 RH	1	D21-100024
200	126480	ASSY RDCR VOITH GV17 5.267:1 R	1	D16-100005
201	101894	BASE RDCR A36 GV-17-900 VOITH	1	P74393
202	102651	CAP SCR HH GR5 1.25-7 X 5.50	8	
203	101989	NUT HEX GR5 1.25-7	8	
204	100074	WSHR FL STL 1.25 SAE ZINC PL	24	
205	133201	SOLEPLATE PLPR GV-17	1	D16-101004
206	102652	CAP SCR HH GR5 1.25-7 X 3.00	8	
207	102625	SHIM GEARBASE 0.25X 8.00X53.00	2	D16-714001
300	138891	ASSY LOP GV15/17 105DEG F	1	D17-850001
401	133207	CPLG ATRA-FLEX SIZE M6	1	
402	131560	GUARD CPLG STL	1	D21-724123
403	101000	CAP SCR HH GR5 .50-13X1.50	6	
404	101124	WSHR LOCK SPR HLCL STL	6	
501	115010	TOOL SET PULPER 54HO/HM	1	
600	138888	TANK CIRCULATION IMPROVMENT ST	1	887398354
601	139424	FLG ADPTR TANK 316L	1	887398596
701	138889	JUNK TOWER 60DIA X 250 316/MS	1	887398355
702	138890	CHUTE JUNK TOWER.	1	887398356
801	138409	GRAPPLE W/ 1.0 TON HOIST	1	



INSTALLATION NOTES:

A ESTIMATED WEIGHTS NOT INCLUDING MOTOR AND TANK:

REDUCER W/O OIL:	9,500	LBS.
PULPER & REDUCER W/O OIL:	14,700	LBS.
ROTOR BLADE:	1,400	LBS.
REDUCER BASE:	3,050	LBS.
SOLEPLATE:	2,080	LBS.
JUNK TOWER:	8,000	LBS.

B LOAD DATA: 150% OF TOTAL WEIGHT SHOULD BE ADDED TO THE STATIC WEIGHT FOR DYNAMIC LOAD ALLOWANCES.

C 20.00" DIA EXTRACTION NOZZLE (150# DRILL FLANGE)

D 16.00" DIA JUNK TOWER WEIR NOZZLE (150# DRILL FLANGE)

E 24.00" X 30.00" JUNK TOWER INLET CHUTE

F 4.00" DIA JUNK TRAP ELUTRIATION NOZZLE (150# DRILL FLANGE)

G 36" X 36" JUNK TOWER CLEAN OUT DOOR. DOOR MUST FACE OPPOSITE THE INLET CHUTE TO AID IN REMOVING LARGE DEBRIS IF NECESSARY.

H 4.00" DIA JUNK TOWER DILUTION NOZZLE (150# DRILL FLANGE)

J 12.00" DIA JUNK TOWER DRAIN NOZZLE (150# DRILL FLANGE)

K INSTALLATION RECOMMENDATIONS (SEE MANUAL FOR COMPLETE DETAILS)

1) SET AND LEVEL SOLEPLATE TO PROPER ELEVATION WITH JACK SCREWS, PLACE SHIMS WITH AMPLE SUPPORT AREA UNDER SOLEPLATE AND SECURE WITH ANCHOR BOLTS.

2) ALIGN PULPING UNIT, REDUCER AND BASE TO SOLEPLATE AND SECURE WITH PROPER BOLT TORQUE ON FASTENERS.

3) WITH ADAPTER RING AND FIELD MOUNTING FLANGE REMOVED, SET TANK OVER PULPING UNIT AND PLACE ON SUPPORT PILLARS. BE SURE THAT THE HOLE IN THE BOTTOM OF THE TANK IS LARGER THAN THE PULPING UNIT EXTRACTION CHAMBER BEFORE SETTING TANK.

4) LOWER THE ADAPTER RING AND MOUNTING FLANGE FROM INSIDE THE TANK AND FASTEN TO PULPING UNIT.

5) SHIM AND CENTER TANK AS NECESSARY TO ACHIEVE A FLUSH LEVEL FIT BETWEEN THE MOUNTING FLANGE AND INSIDE BOTTOM OF TANK.

6) WELD FLANGE INSIDE AND OUT TO TANK. BUTT UP RIB PIECES TO TANK AND RIB JOINTS AND WELD.

7) GROUT IN PLACE.

J 4.00" DIA JUNK TOWER ELUTRATION NOZZLE (150# DRILL FLANGE) USE FOR MAXIMUM OPERATING LEVEL.

REVISED

NEWARK AMERICA
WET STAMP

EQUIPMENT NUMBERS

JUNK TOWER	T-1011
PULPER TANK	T-1005
EXTRACTION PLATE ASSY.	A-1005
GEAR REDUCER	G-1005
PULPER MOTOR	M-1005
PULPER LUBRICATION UNIT	E-1006
PULPER LUBRICATION PUMP	P-1006
PULPER LUBRICATION PUMP MOTOR	M-1006

RECEIVED OCT 31 2001

CERTIFIED
SIGNED
DEC 10 2001
DATE
VOITH PAPER

THE NEWARK GROUP
FITCHBURG, MA
SERIAL NO. PULPER : 55/5HOAGVST-105
SERIAL NO. GEAR REDUCER : GV-66
CUSTOMER P.O. NO. NA-00271
VOITH PAPER JOB NO. 69549

REV.	DESCRIPTION	REV. SYM.	NO. OF PLACES	DATE	NAME	CHECK
B	SEE SHEET THREE			10-30-01	MRH	MRH
A	SEE SHEET TWO			05-29-01	MRH	MRH

PROJECTION

2000	DATE	NAME
DR.	02-28	MRH
CH.	05-10	MRH
AP.	05-10	MRH

VOITH SULZER PAPER TECHNOLOGY NORTH AMERICA INC. APPLETON, WI 54911

VOITH SULZER
PAPERTECHNOLOGY

TITLE: PULPER 55/5HOAGVST KIT CONVERSION

CODEWORD/UNIT: THE NEWARK GROUP

REF:

SIZE: D | ITEM NO.: 138487 | DWG NO.: 887394362

SCALE: 1:25 | WEIGHT: N/A LBS | SHEET: 1 OF 3

VDOS NAME: $$$$$$$/DOSSNAME$$$$$$$ | FILE: $$$DGNSFILE$$$ | DATE/TIME: $$$$DATETIME$$$$