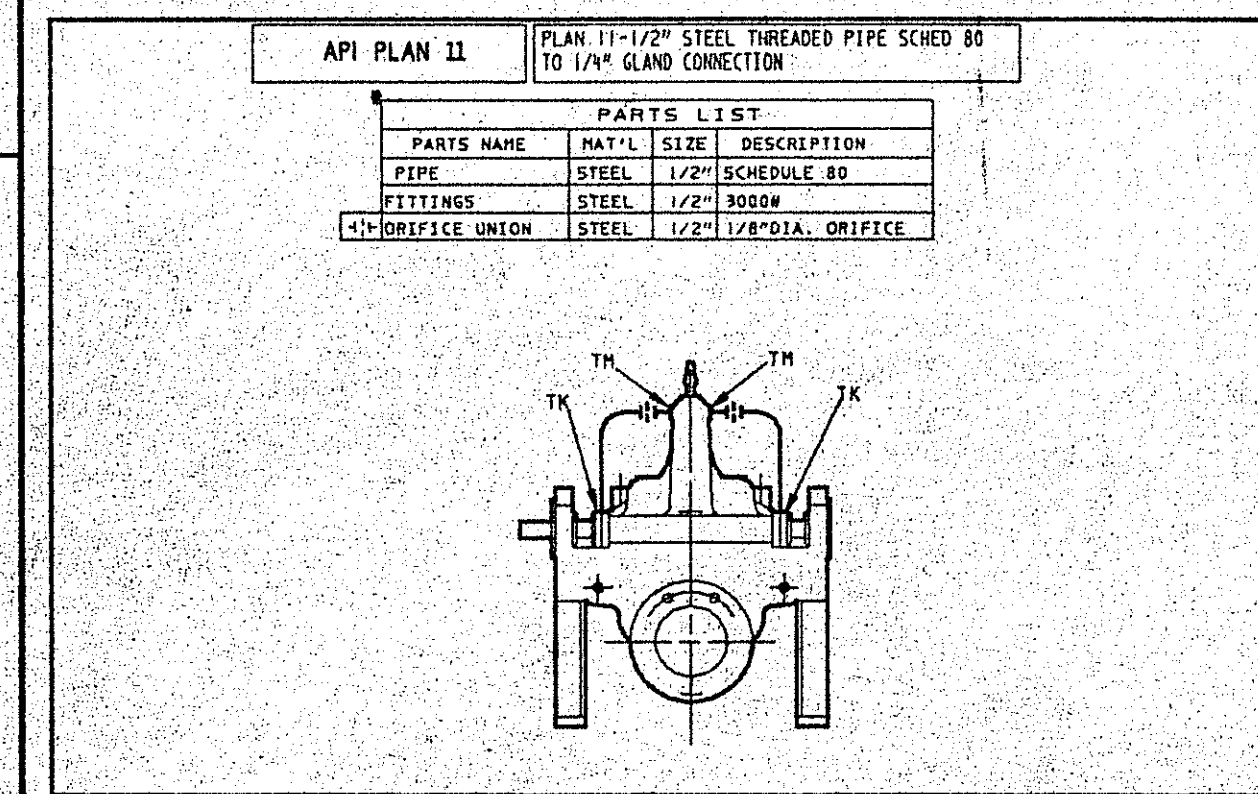
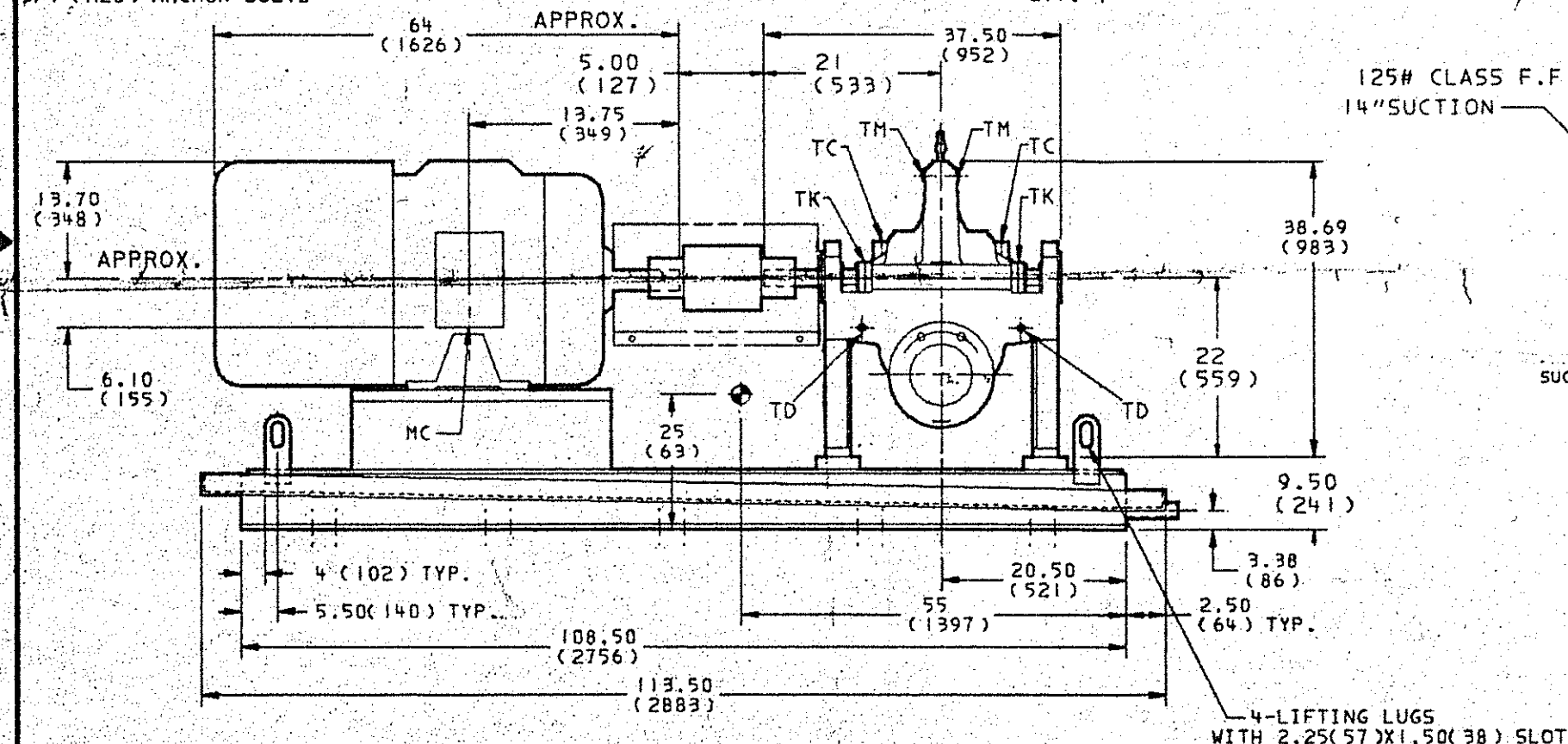
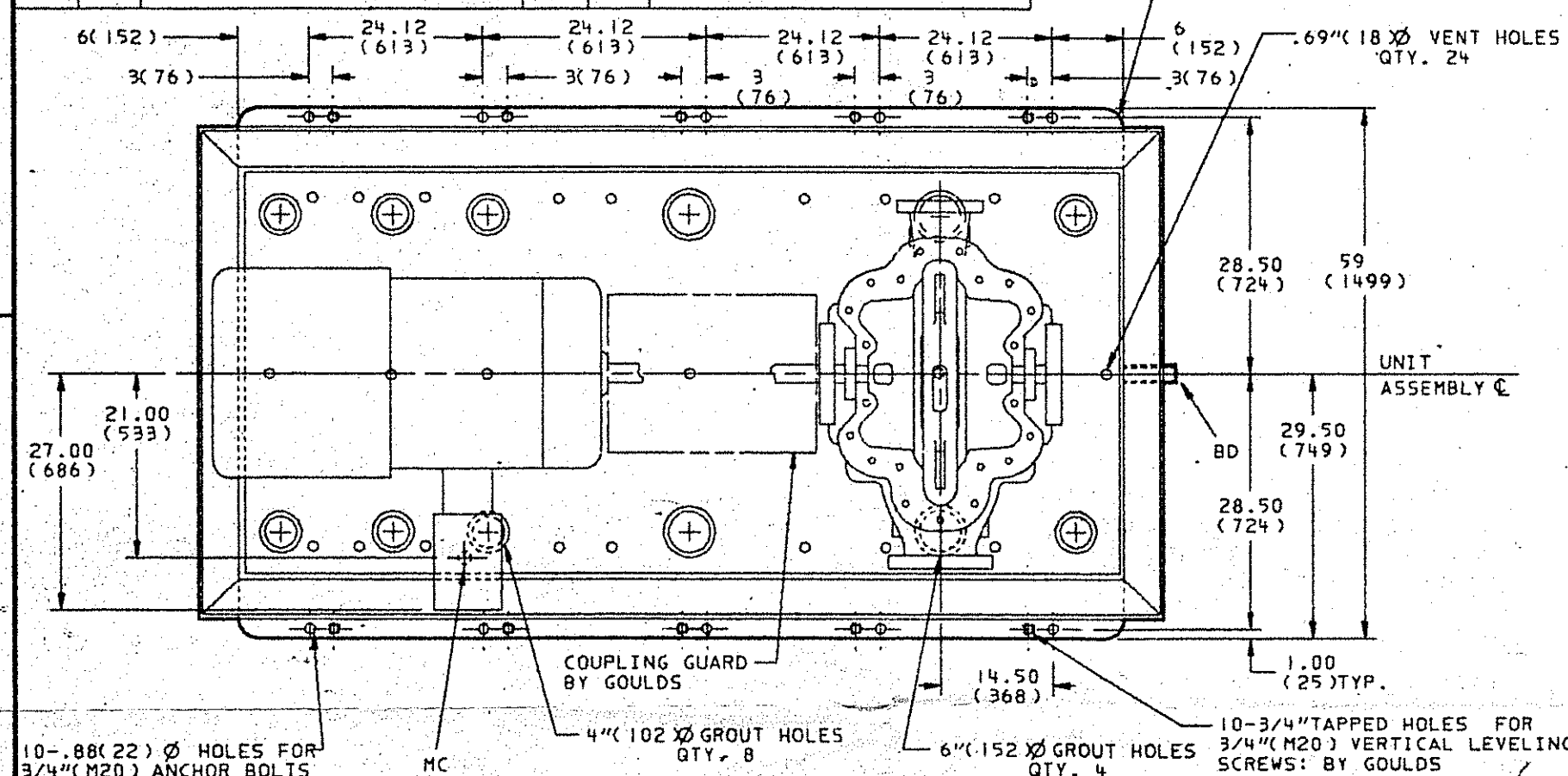
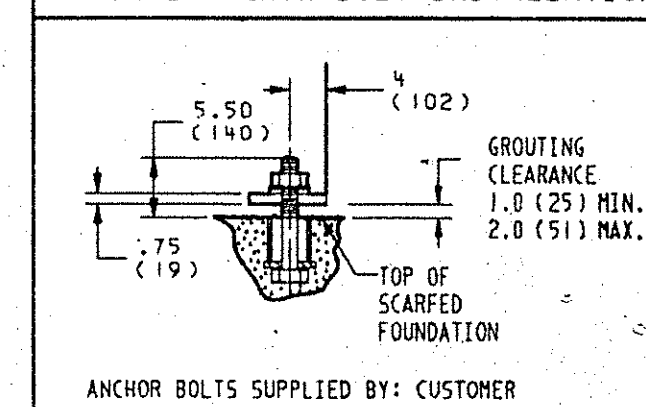


REV.	ZONE	DESCRIPTION	REV.	ZONE	DESCRIPTION

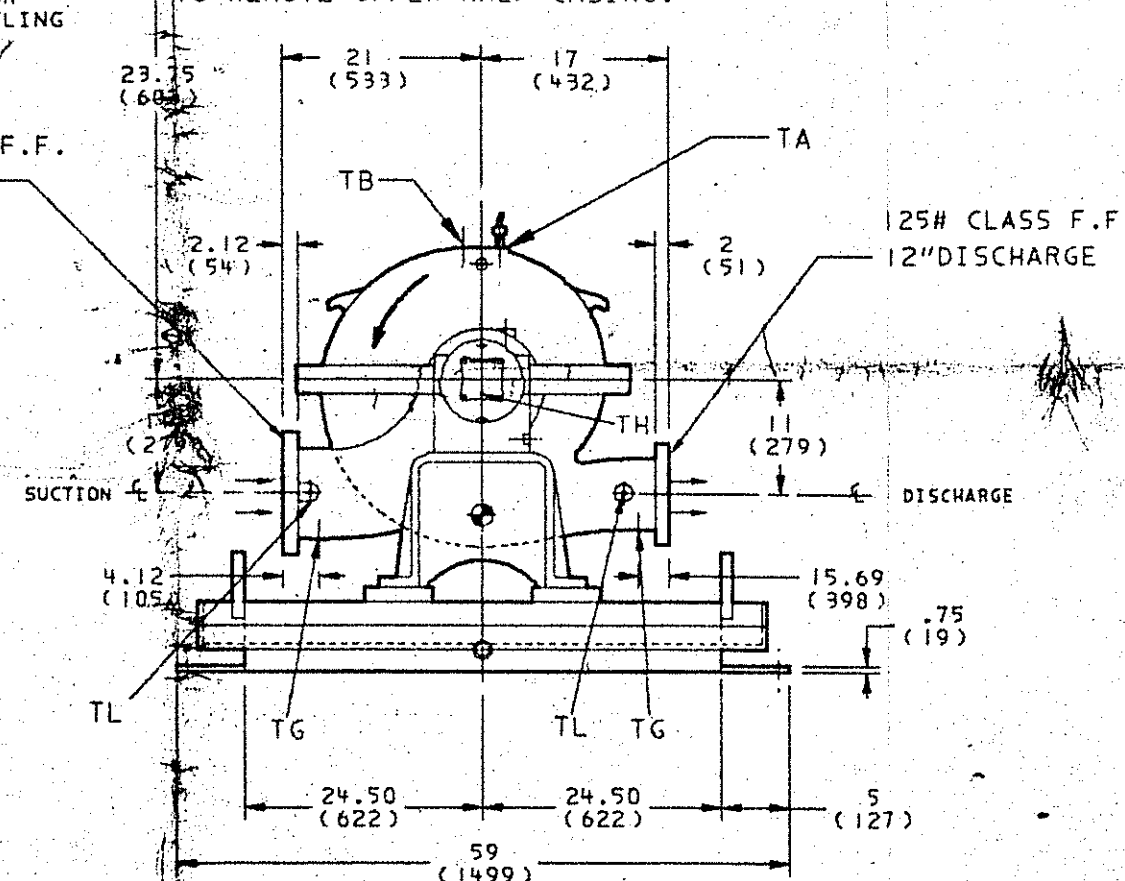


CONNECTIONS TABLE						
NO.	SIZE	TYPE	QTY.	PURPOSE	STATUS	FOR USE BY
TA	1/4	NPSF	1	CASING VENT (W/COCK VALVE)	PIPPED	CUSTOMER
TB	3/4	NPSF	1	CASING PRIME CONNECTION	PLUGGED	CUSTOMER
TC	1/4	NPSF	2	STUFFING BOX SEAL RING CONNECTION	PLUGGED	CUSTOMER
TD	3/4	NPSF	2	STUFFING BOX OVERFLOW CONNECTION	PLUGGED	CUSTOMER
TG	3/4	NPSF	2	CASING DRAIN CONNECTION	PLUGGED	CUSTOMER
TH	1/8	NPSF	2	OIL DRAIN	PLUGGED	CUSTOMER
TK	1/4	NPT	2	MECHANICAL SEAL GLAND	PLAN 11	GOULDS
TL	1/4	NPSF	2	GAUGE CONNECTION	PLUGGED	CUSTOMER
TM	1/4	NPSF	2	BY-PASS CONNECTION	PLAN 11	GOULDS
BD	2	NPT	1	BEDPLATE DRAIN	---	CUSTOMER
MC	5	NPT	1	MOTOR CONDUIT CONNECTION	---	CUSTOMER

TYPICAL ANCHOR BOLT INSTALLATION



MINIMUM HEADROOM REQUIRED TO REMOVE UPPER HALF CASING.



MODEL 3405		
GROUP: L SIZE: 12X14-14		
API-610 7TH EDITION BEDPLATE -GUTTER TYPE NON-OVERHANGING W/LIFT LUGS PUMP SUPPLIED WITH OIL LUBRICATION		
MOTOR SPECIFICATIONS		
MFR.: SIEMENS		FRAME: 5095
H.P.: 300 (402) K.W.		R.P.M.: 1800
PHASE: 3 HERTZ: 60		VOLTAGE: 4000
ENCLOSURE: TEFC, CLI DIV II GRP C,D		
COUPLING SPECIFICATIONS		
MFR.: THOMAS (W/SS DISC PACS)		
TYPE: 7L		SIZE: 375
MECHANICAL SEAL SPECIFICATIONS		
MFR.: JOHN CRANE		
TYPE: 8B-1 CART		MFR. CODE: XF(51)(K15)
GLAND TYPE: FLUSH W/VENT & DRAIN		
WEIGHTS-LBS(KG)		
ITEM	WET	DRY
PUMP	1916(870)	1620(735)
MOTOR	3900(1771)	3900(1771)
BEDPLATE	2300(1044)	2300(1044)
TOTAL	8116(3685)	7820(3550)
MAINTENANCE WEIGHT (UPPER CASING) = 398 (181)		
NOTES		
- FLANGES CONFORM TO ANSI B16.5. BOLT HOLES STRADDLE C.		
- ROTATION CW WHEN VIEWED FROM COUPLING END.		
* DESIGNATES UNIT CENTER OF GRAVITY		
- DIMENSIONAL TOLERANCE TO PIPED CONNECTIONS: 15 ±.50(13), EXCEPT FOR PUMP SUCTION AND DISCHARGE.		
- MAINTENANCE CLEARANCE IS INHERENT IN THE UPPER HALF CASING REMOVAL DIMENSION.		
- PLUGGED CONNECTIONS ARE PLUGGED WITH EITHER PIPE PLUGS OR METAL FLANGES.		
- FOR NOZZLE LOADS SEE DWG. # FL405 REV. 1		
- TO LIFT UNIT UTILIZE BEDPLATE LIFT LUGS SPREADER BARS MAY BE REQUIRED TO AVOID POSSIBLE DAMAGE OF MOUNTED EQUIPMENT.		
- MOTOR SUPPLIED W/HORIZONTAL POSITIONING SCREWS		
CUSTOMER DATA		
GOULDS FACTORY ORDER NO.: 206632		
CUSTOMER: M W KELLOGG CO.		
GOULDS SERIAL NO.: 206632		
CUSTOMER P.O.#: 6788-01D1-J310-02		
EQUIP. NO.: 67-8041		
SERVICE: COOLING WATER PUMP		
PROJ.# AFE-HC-1024		

ITEM NO.	WTT NO.
PUMP 67-8041	67001353
MOTOR 30-8041	30901791

#101738

ACCEPTANCE FOR ENGINEERING USE

THIS DOCUMENT IS:

ACCEPTED (AC) ☒

ACCEPTED WITH COMMENTS (AC-C) ☐

NOT REVIEWED-ACCEPTED (NR) ☐

NOT ACCEPTED (NAC) ☐

ACCEPTANCE DOES NOT RELIEVE VENDOR FROM FURNISHING MATERIAL IN CONFORMANCE WITH ORDER. REFER TO VDR-1 FOR FULL DEFINITION OF ACCEPTANCE CONDITIONS.

DIVISION *M&C* SIGNED *[Signature]* DATE *22 SEPT 97*

CERTIFIED FOR CONSTRUCTION PURPOSES ONLY WHEN SIGNED.

SIGNATURE *Joyce Sutterby* DATE *9/9/92*

GOULDS PUMPS, INC.
INDUSTRIAL PRODUCTS GROUP
ENGINEERED PRODUCTS DIV.

PUMP OUTLINE DRAWING
MODEL 3405

DRAWN *JFW* DATE *09-01-92* APPROVED *RNP* DATE *09-01-92* THIRD ANGLE PROJECTION

DRAWING IS NOT TO SCALE
DIMENSIONS IN INCHES(MM)

DRAWING *206632#C1* REV. *0*

WEIGHTS ARE APPROXIMATE
SHEET 1 OF 1

NOTES:

1. FOR DIRECT CONNECTION .062 SHIMS MAY BE NECESSARY UNDER MOTOR FEET.
2. MAIN CONDUIT MAY BE ROTATED IN STEPS OF 90°.
3. APPROXIMATE WEIGHT OF MOTOR = 3900#.
4. EVEN THOUGH A SINGLE DIRECTION OF ROTATION IS SHOWN HERE AS REQUESTED, THE MOTOR ITSELF IS SUITABLE FOR EITHER DIRECTION OF ROTATION.

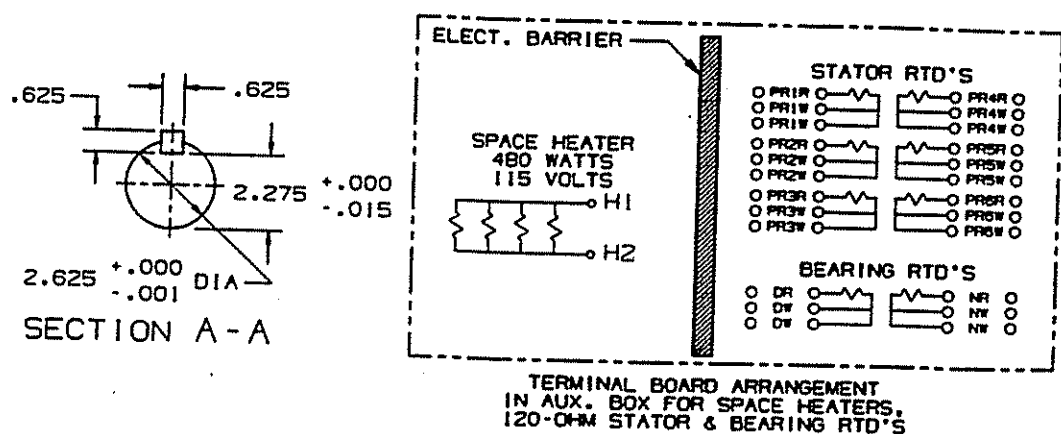
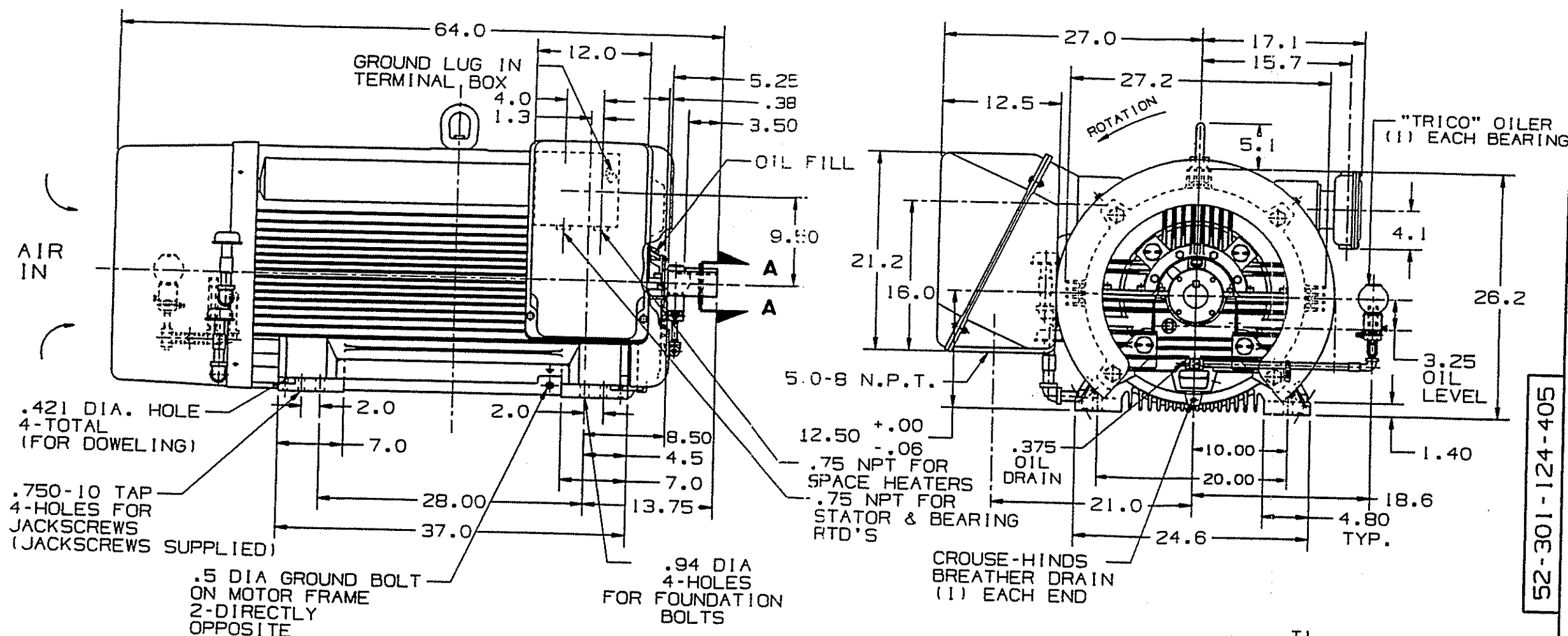
MOTOR DATA:

- A) MOTOR END FLOAT = .50"
- B) END FLOAT OF LIMITED END FLOAT COUPLING = .19"
- C) OIL CAPACITY PER BEARING = 1.2 QT.
- D) LUBE OIL VISCOSITY @ 100° F. = 300 - 350 SUS.
- E) MAXIMUM DIAMETER OF SHAFT LATHE CENTERS = 1.0"
- F) ALIGNMENT REQUIREMENT M3516.

01 7-17-92

THIS IS A CAD DRAWING NO
MANUAL CHANGES ARE ALLOWED

GOULDS SER.# 206C632
CUST: M.W. KELLOGG COMPANY
P.O.# 6788-01D1-J310-01
EQ# 67-8041 /PROJ# AFE-HC-1024
SERV: COOLING WATER PUMP



SIEMENS

APPROVAL
REQUIRED

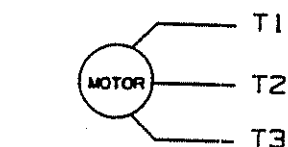
WE RESERVE THE RIGHT TO
CHANGE WITHOUT NOTICE
SCHEDULE TO BE
CONFIRMED BY

SUPPLIER GOULDS PUMP

PS-7 M47415

REV

REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	ELI-5113-69074-11				
2	300	1800	F.95	CGZ	4000 3 60
3	206632				



MOTOR CONNECTION
DIAGRAM

1-5113-69074-01

CONFIDENTIAL-PROPERTY OF Siemens Energy & Automation, Inc. INDUSTRIAL MOTOR DIVISION NORWOOD PLANT		NAME	OUTLINE CUSTOM TEFC
SH. EXT. 2.625 X 5.25			
DR L.J.H. 4-25-82	SIMILAR TO 52-301-124-404	FRAME 509	ISSUE
CH	SCALE .125	SHEET 1-F	DWG. NO. 52-301-124-405
AP			01

ACCEPTANCE FOR ENGINEERING USE

THIS DOCUMENT IS

ACCEPTED (AC) ☒
ACCEPTED WITH COMMENTS (AC C) ☐
NOT REVIEWED-ACCEPTED (NR) ☐
NOT ACCEPTED (NAC) ☐

ACCEPTANCE DOES NOT RELIEVE VENDOR
FROM FURNISHING MATERIAL IN
CONFORMANCE WITH ORDER REFER TO
VDI-1 FOR FULL DEFINITION OF
ACCEPTANCE CONDITIONS

DIVISION MCH SIGNED *Therman*
DATE 22 SEPT 92

REV. DATE 2-13-78 ISSUE #5 F.J.S.

GOULDS PUMPS, INC.
SENECA FALLS, NEW YORK 13148

CENTRIFUGAL PUMP CHARACTERISTICS

RPM 1780

CDS 1338-5

MODEL 3405

SIZE	12	X	14	-	14	DV
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IMP. DWG. 239-8

242-47

PATTERN 52201

52909

EYE AREA	26.	in ²
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14 1/4" IMP. DIA.

