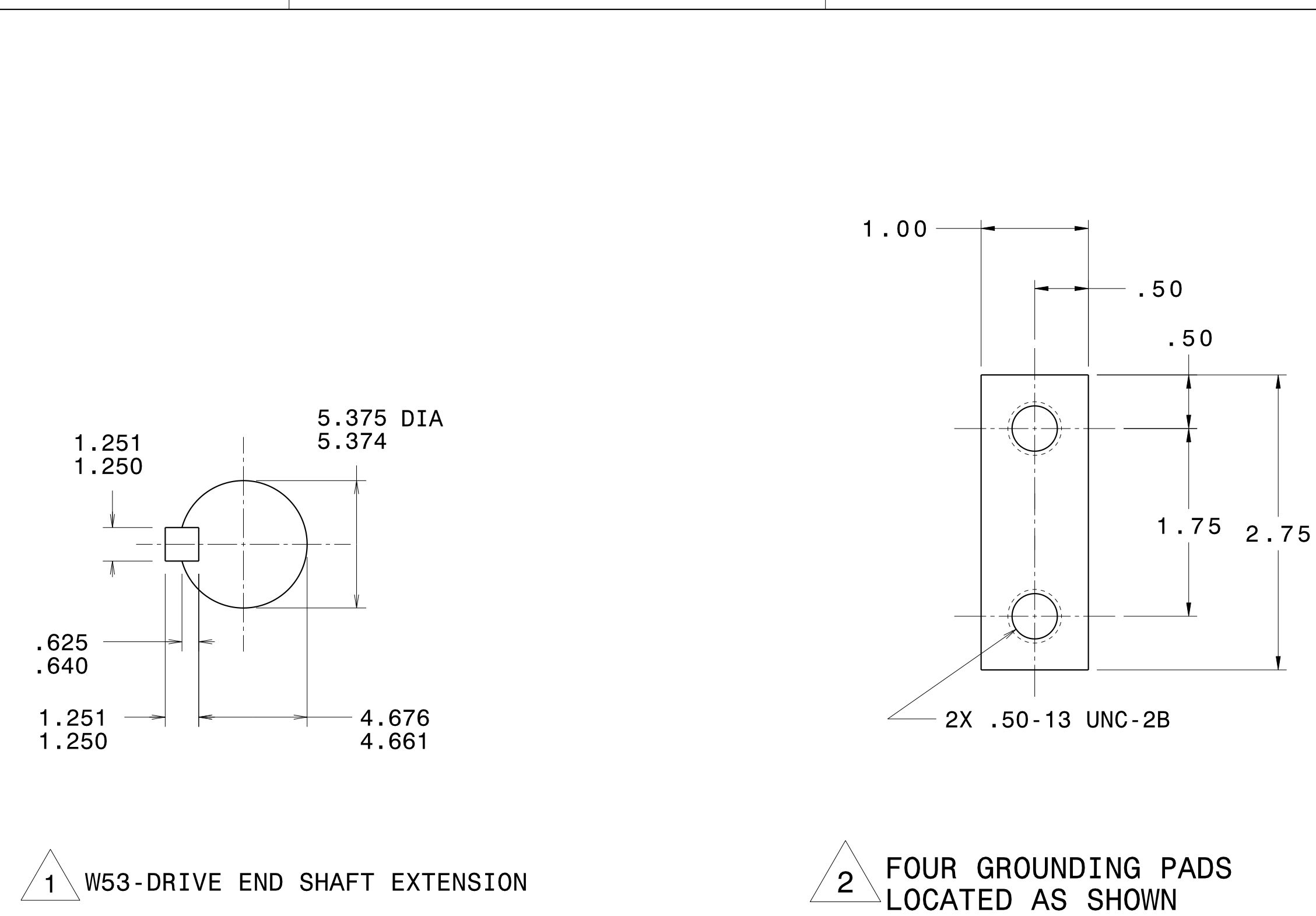


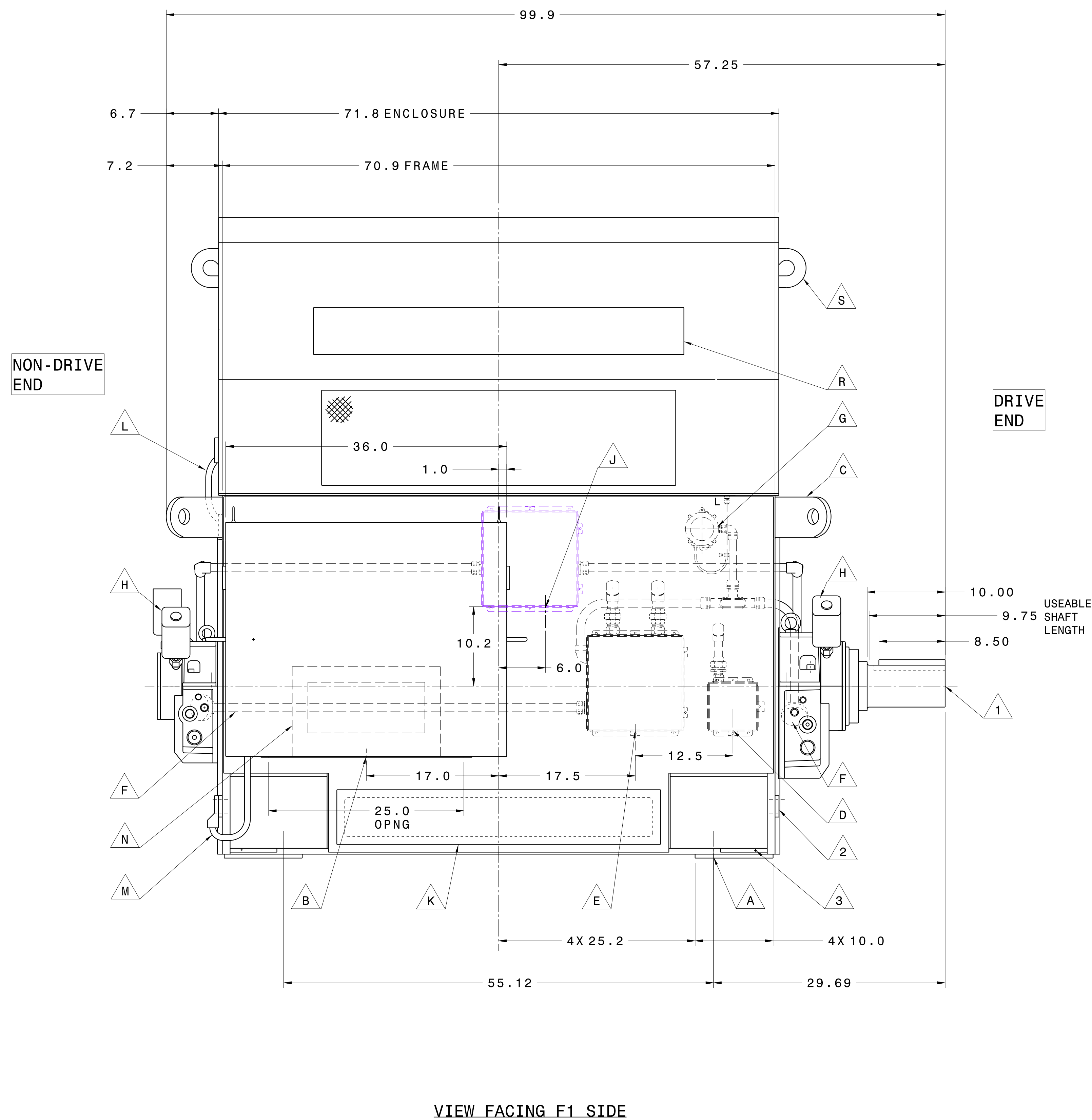
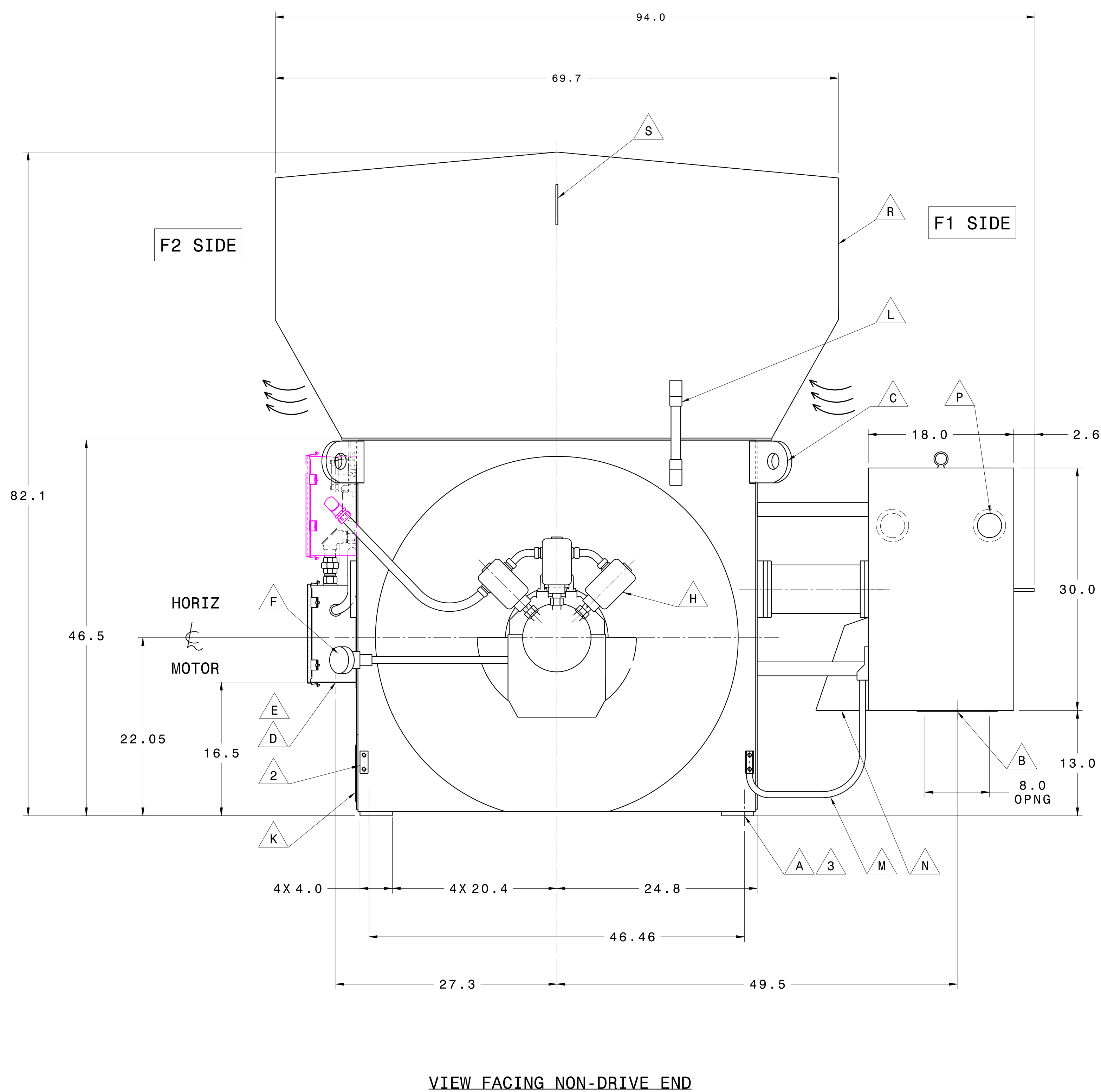
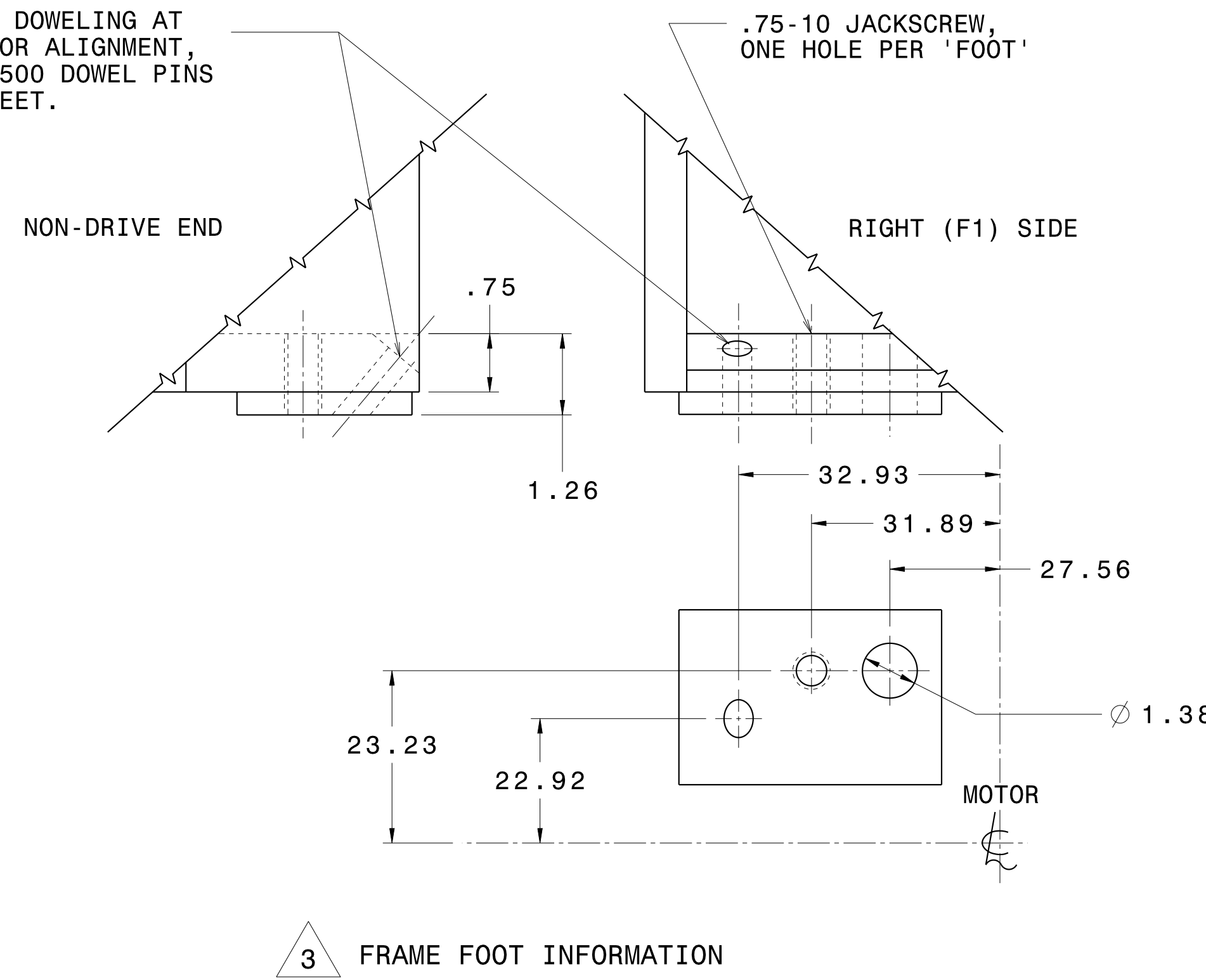
COMPONENT NOTES

A	Ø 1.38 THRU FRAME FOOT FOR Ø1.00 HOLD DOWN BOLTS (ONE HOLE PER FOOT, FOUR HOLES TOTAL).
B	REMOVABLE COVER FOR MAIN LEAD ENTRY TO BE DRILLED BY THE CUSTOMER.
C	FOUR LIFTING LUGS FOR LIFTING ENTIRE MOTOR. A SPREADER BAR IS REQUIRED WHEN LIFTING MOTOR WITH AIR CABINET ATTACHED.
D	SPACE HEATER CONDUIT ENTRY IN AUX CONDUIT BOX TO BE DRILLED BY THE CUSTOMER.
E	STATOR ETD AND BEARING TO CONDUIT ENTRY IN AUX CONDUIT BOX TO BE DRILLED BY THE CUSTOMER.
F	BEARING TO PROVIDED EACH BEARING WITH LEADS TERMINATING IN THE AUX CONDUIT BOX.
G	DIWYER 19506-00-B-24 DIFFERENTIAL PRESSURE SWITCH WIRED TO CONTACT INPUT OF THE SEL-2600A. A SUPPLY VOLTAGE OF 24VDC IS REQUIRED.
H	BENTLY NEVADA PROXPAC PROVIDED, 2 PER BEARING WITH A PROXPAC KEY PHASOR ON THE NON-DRIVE END ONLY.
J	BENTLY NEVADA PROXPAC CONDUIT ENTRY IN AUX CONDUIT BOX TO BE DRILLED BY THE CUSTOMER.
K	ACCESS TO MOTOR SPACE HEATERS WITH REMOVABLE COVER (BOTH SIDES)
L	BONDING STRAP PROVIDED BETWEEN FRAME AND ENCLOSURE.
M	BONDING STRAP PROVIDED BETWEEN FRAME AND MAIN LEAD BOX.
N	RUPTURE PANEL ON THE BACK OF THE MAIN LEAD BOX. 6.5 X 15 OPENING SIZE DETERMINED USING CUSTOMER SUPPLIED 47.5KA MAX FAULT CURRENT.
P	TWO INFRARED VIEW PORTS, ONE EACH SIDE.
R	FILTER ACCESS ON F1 SIDE OF AIR CABINET.
S	TWO LIFTING LUGS FOR LIFTING AIR CABINET ONLY. DO NOT USE FOR LIFTING MOTOR.

SPECIAL DETAILS:



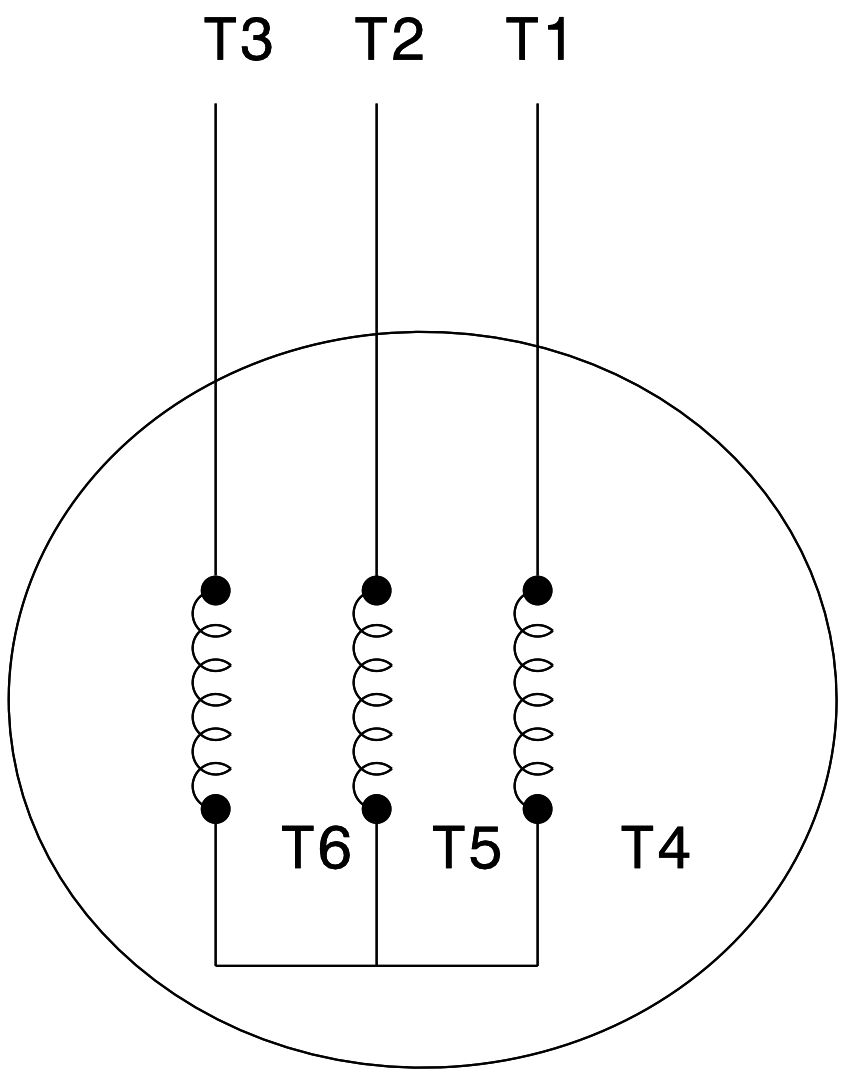
PILOT HOLE PROVIDED FOR DOWELING AT
INSTALLATION. AFTER MOTOR ALIGNMENT,
INSTALLER TO REAM FOR .500 DOWEL PINS
IN HOLES IN ALL FRAME FEET.



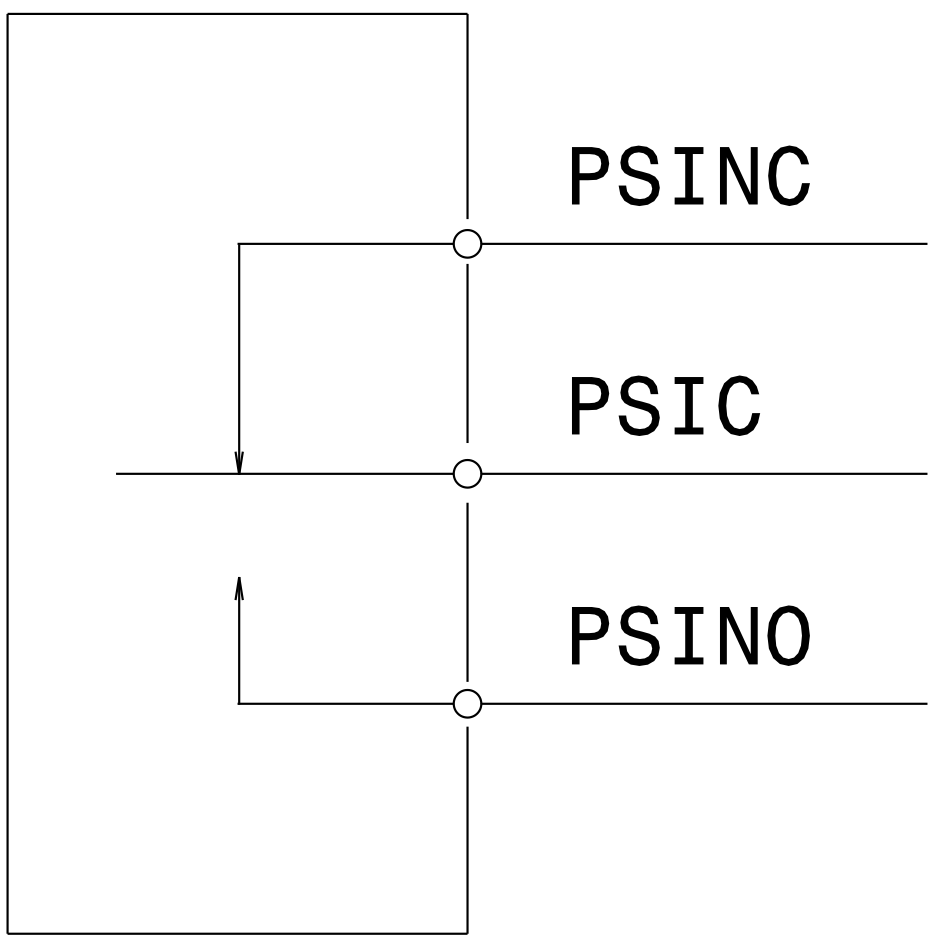
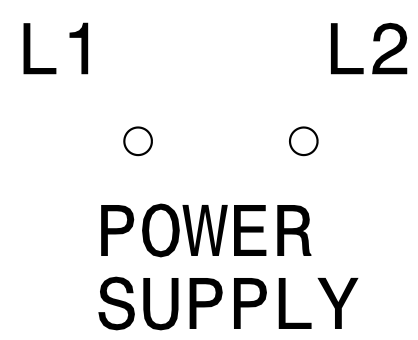
MOTOR OUTLINE DATA AND NOTES		TRANSMITTAL DATE:	
698493		99838A	
CUSTOMER ORDER NUMBER	SHOP ORDER NUMBER	C99838A	
CUSTOMER: GOULDS PUMPS	ULTIMATE USER:	SOUTHERN COMPANY	
SENEC FALLS NY			
<input type="checkbox"/> FOR APPROVAL. TO MAINTAIN SHIPPING SCHEDULE APPROVED DRAWINGS MUST BE RECEIVED BY TECO- WESTINGHOUSE ON:		<input type="checkbox"/> FOR CONSTRUCTION OR INSTALLATION. THE EQUIPMENT SHOWN ON THESE DRAWINGS HAS BEEN RELEASED FOR MANUFACTURE. ANY MODIFICATIONS MAY RESULT IN A PRICE CHANGE OR SHIPMENT DELAY.	
DRAWINGS ARE IN COMPLIANCE WITH YOUR SPECIFIED REQUIREMENTS. DRAWINGS "APPROVED" OR "APPROVED WITH MODIFICATIONS" AUTHORIZE WESTINGHOUSE TO PROCEED WITH MANUFACTURING. MODIFICATIONS NOT TO THE DRAWINGS OR MODIFICATIONS MADE DURING OR AFTER DRAWING APPROVAL MAY RESULT IN A PRICE CHANGE AND/OR SHIPMENT DELAY.		APPROVED BY	
SEND APPROVALS OR INQUIRIES TO THE TECO-WESTINGHOUSE OFFICE WITH WHOM THE ORDER IS PLACED. THESE PRINTS SUPERSEDE PRINTS PREVIOUSLY PROVIDED.			
NOTES:			
01 FOR THE MANUFACTURER'S WARRANTY ON THIS EQUIPMENT TO BE IN EFFECT, THE EQUIPMENT MUST BE INSTALLED IN STRICT ACCORDANCE WITH THIS DRAWING AND THE INSTRUCTION BOOK.			
02 TECO-WESTINGHOUSE DOES NOT HAVE RESPONSIBILITY FOR LATERAL AND TORSIONAL CRITICAL SPEED PERFORMANCE OF THE INSTALLATION.			
03 TECO-WESTINGHOUSE IS NOT RESPONSIBLE FOR FOUNDATION DESIGN. MOTOR WEIGHTS ARE INDICATED ON THIS DRAWING AND THE SUPPORT REACTIONS NECESSARY FOR FOUNDATION DESIGN ARE AS FOLLOWS: LBS PER BOLT AT CENTERLINE OF HOLD DOWN BOLT HOLES:			
STATIC X= MOTOR WEIGHT/4 RATED MOTOR TORQUE X= MOTOR WEIGHT/4 +/- 1477 MAXIMUM MOTOR TORQUE X= MOTOR WEIGHT/4 +/- 10338			
04 WITH RATED VOLTAGE AND FREQUENCY (WITHIN NEMA LIMITS) AT MOTOR TERMINALS AND WITH CONNECTED LOAD INERTIA NOT EXCEEDING 625 LB-FT ² THE FOLLOWING STARTING DUTY SHOULD NOT BE EXCEEDED:			
MOTOR COLD: 2 CONSECUTIVE STARTS. MOTOR AT OPERATING TEMPERATURE: 1 CONSECUTIVE STARTS. SUBSEQUENT STARTS WITH MOTOR RUNNING BETWEEN STARTS: 20 MINUTES APART. ON WITH MOTOR STANDING BETWEEN STARTS: 45 MINUTES APART. STARTS SHOULD NOT AVERAGE MORE THAN 6 PER DAY THROUGHOUT THE LIFE OF THE MOTOR.			
05 MEASURE THE AIRGAP AT 4 PLACES 90 DEGREES APART. VARIATION OF THE MINIMUM AND MAXIMUM AIRGAP FROM THE AVERAGE OF THESE VALUES MUST NOT BE GREATER THAN 12%.			
06 SHIMS USED TO ADJUST MOTOR ELEVATION MUST BE PLACED BETWEEN ALL MOTOR FOOTING LOAD SURFACES AND THE STEEL MOUNTING SURFACES SO THAT ALL MOTOR FOOT LOAD BEARING SURFACES ARE EQUALLY SUPPORTED BEFORE HOLD DOWN BOLTS ARE TIGHTENED. THE SHIMS SHOULD BE APPROXIMATELY THE SAME SIZE AS MOTOR MOUNTING.			
07 NON-DRIVE END BEARING SIZE 4.3 X 3.2; OIL CAPACITY 1.1 GALLONS DRIVE END BEARING SIZE 5.5 X 4.1; OIL CAPACITY 1.6 GALLONS			
08 THE MOTOR ENDPLOY IS 0.5 INCH TOTAL. BEARINGS ARE NOT DESIGNED TO TAKE ENDTHRUST. A LIMITED END FLOAT TYPE COUPLING IS REQUIRED TO LIMIT ENDPLOY TO 0.19 INCH.			
09 NON-DRIVE END BEARING IS INSULATED. ANY METAL CONNECTIONS TO IT MUST BE INSULATED.			
10 USE A GOOD QUALITY OF RUST AND OXIDATION INHIBITED TURBINE OIL WITH A VISCOSITY OF APPROXIMATELY 200-270 SSU AT 100F (37.8C) (ISO-VG 46). VISCOSITY INDEX SHOULD NOT BE LESS THAN 95.			
11 PARTS NOT SUPPLIED BY TECO-WESTINGHOUSE: FOUNDATION BOLTS, COUPLINGS, COUPLING GUARDS, LIFTING BEAMS, SLINGS, SPREADER BARS, LUBRICATING OIL, JACKSCREWS, DOWELS, HOLD DOWN BOLTS, SHIMS AND SOLEPLATES.			
12 THE MOTOR IS TO BE MOUNTED ON SOLEPLATES OR ON A DRIVEN EQUIPMENT BEDPLATE SUPPLIED BY OTHERS.			
13 MOTOR IS SHIPPED FULLY ASSEMBLED. MAIN LEAD BOX IS SELF-SUPPORTING.			
14 AIR INTAKE FILTERS ARE RE-USABLE STAINLESS STEEL. TO SERVICE THESE FILTERS, WASH THOROUGHLY AND DRAIN. CHANGE FILTERS WITH A COMMERCIAL ADHESIVE OR APPROPRIATE HEAVY MINERAL OIL, THEN RE-INSTALL.			
15 ENCLOSURE INLET AND EXHAUST OPENINGS ARE COVERED WITH STAINLESS STEEL SCREENS.			
16 THE TRANSIENT INTERRUPTION TO SUPPLY VOLTAGE SHOULD BE WITHIN 6 CYCLES. FOR LONGER INTERRUPTIONS, THE MOTOR SHOULD BE TRIPPED AND RESTARTED WITH PUMP UNLOADED.			
17 THIS MOTOR IS DESIGNED TO OPERATE FOR 60 SECONDS AT 75% RATED VOLTAGE.			
18 THE MOTOR IS BI-DIRECTIONAL AND MAY BE OPERATED IN EITHER DIRECTION. THE DIRECTION OF ROTATION, FACING THE NON-DRIVE END OF THE MOTOR, IS CW WITH PHASE SEQUENCE T1, T2, T3 AND CCW WITH PHASE SEQUENCE T1, T3, T2.			
19 THE FOLLOWING DROWN TERMINAL IS BEING SUPPLIED WITH THIS MOTOR. MAIN BOX: QUANTITY 1 OF TYPE EA28-2N FRAME: QUANTITY 1 OF TYPE EA28-2N			
20 AUX BOXES ARE NEMA 4 TYPE CONSTRUCTION.			
21 CUSTOMER COMMENT FOR ST CONNECTORS WITH 50 MICRON CABLE HAS BEEN INCORPORATED AS REQUESTED. CUSTOMER IS RESPONSIBLE FOR ENSURING THE CORRECT SCL FIBER-OPTIC TRANSDUCER IS UTILIZED FOR THIS INTERFACE AND THAT COMPATIBILITY WITH RTD MODULE SCL-2600A01 IS ENSURED.			

Serial No: P269C021-1-2-3
Customer: MISSISSIPPI POWER COMPANY
Project: Kemper County 1GCC
PO No: MPC10024810
Pump Item No: 01G-HE-PU-6032, 6033, 6034
Motor Item No: 01G-HE- MO-6032, 6033, 6034
Service: GI Closed Loop Cooling Water Pump

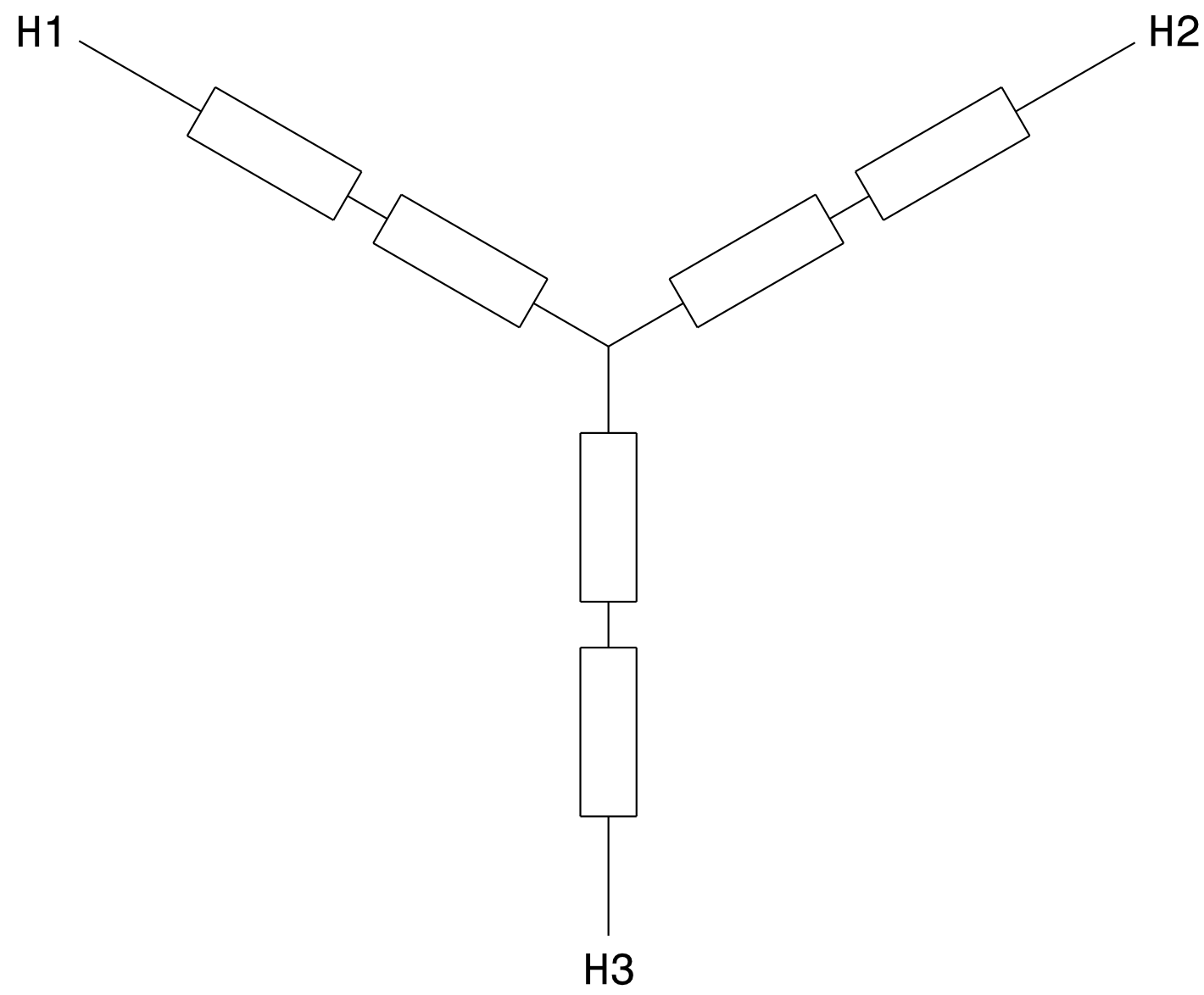
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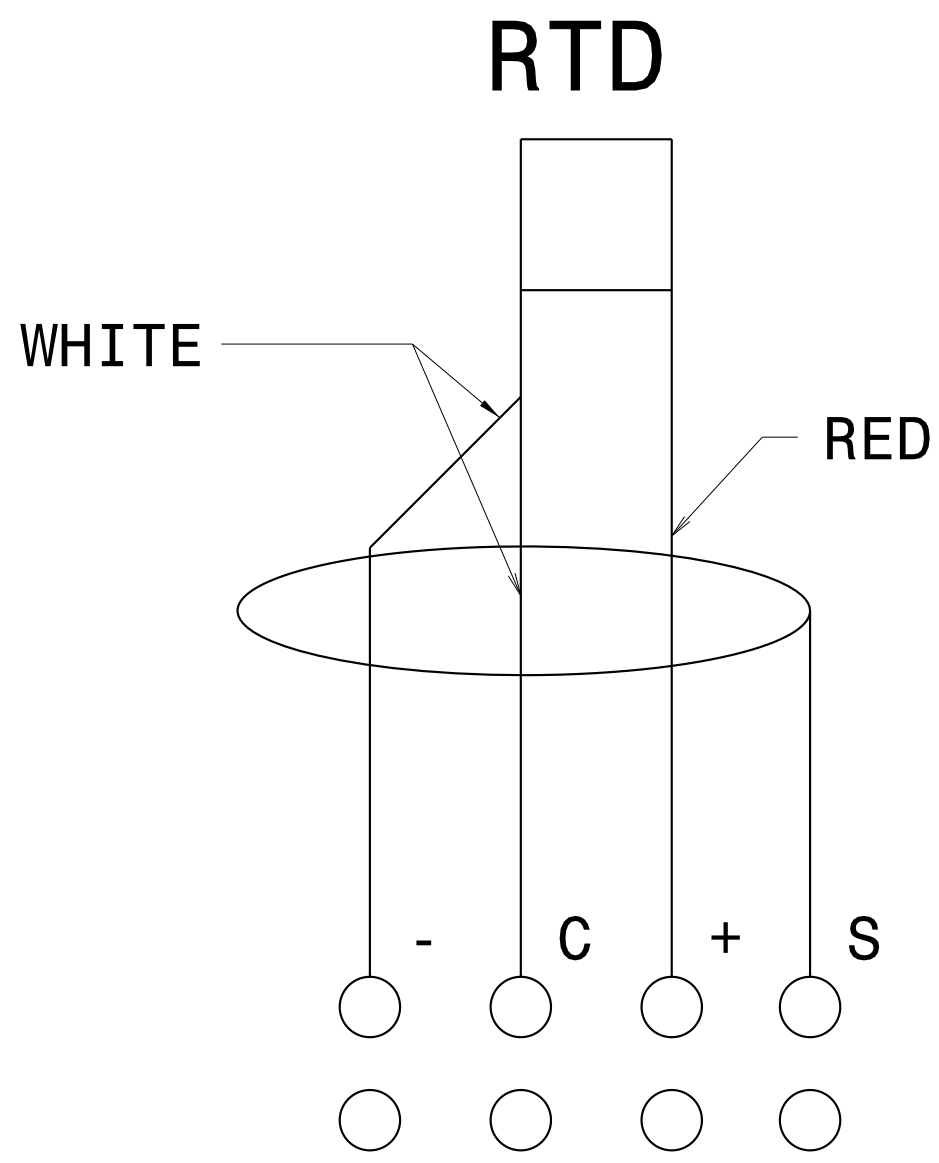
SCHEMATIC - WYE CONN 3-LEAD



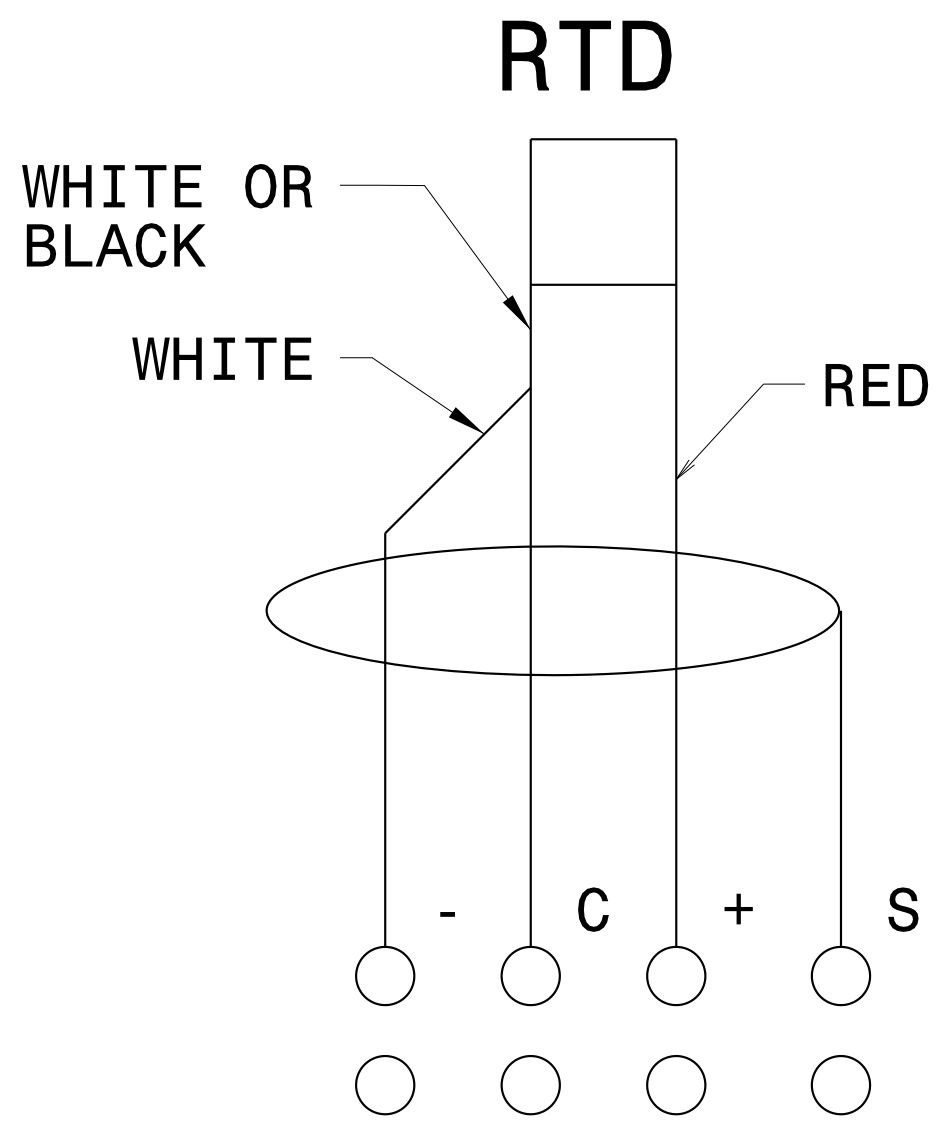
DIFFERENTIAL PRESSURE SWITCH SCHEMATIC
(WITH POWER SUPPLY)



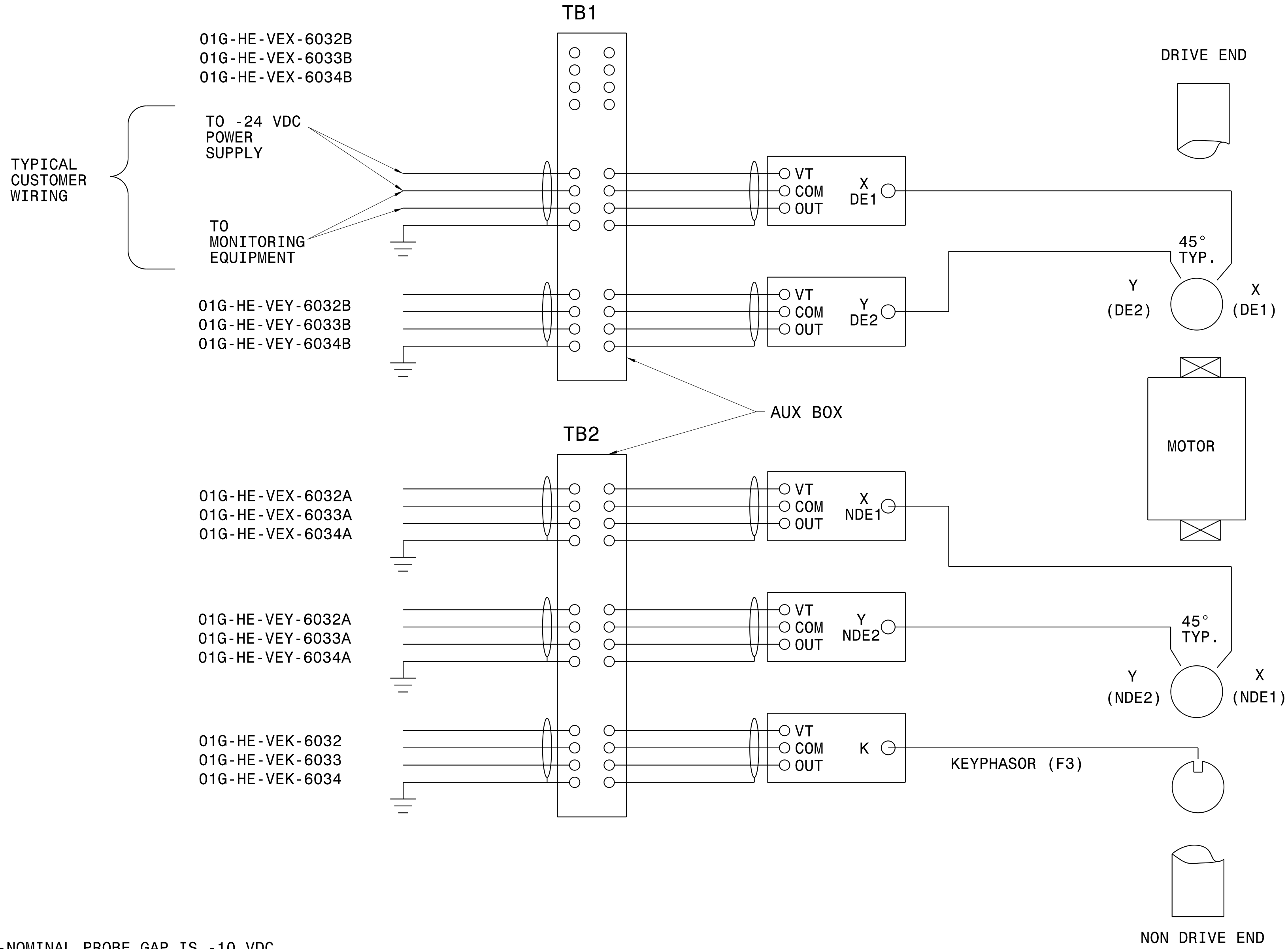
SPACE HEATER SCHEMATIC DIAGRAM
480V, 1500WW, 3PH



TYPICAL STATOR
TEMPERATURE DETECTOR

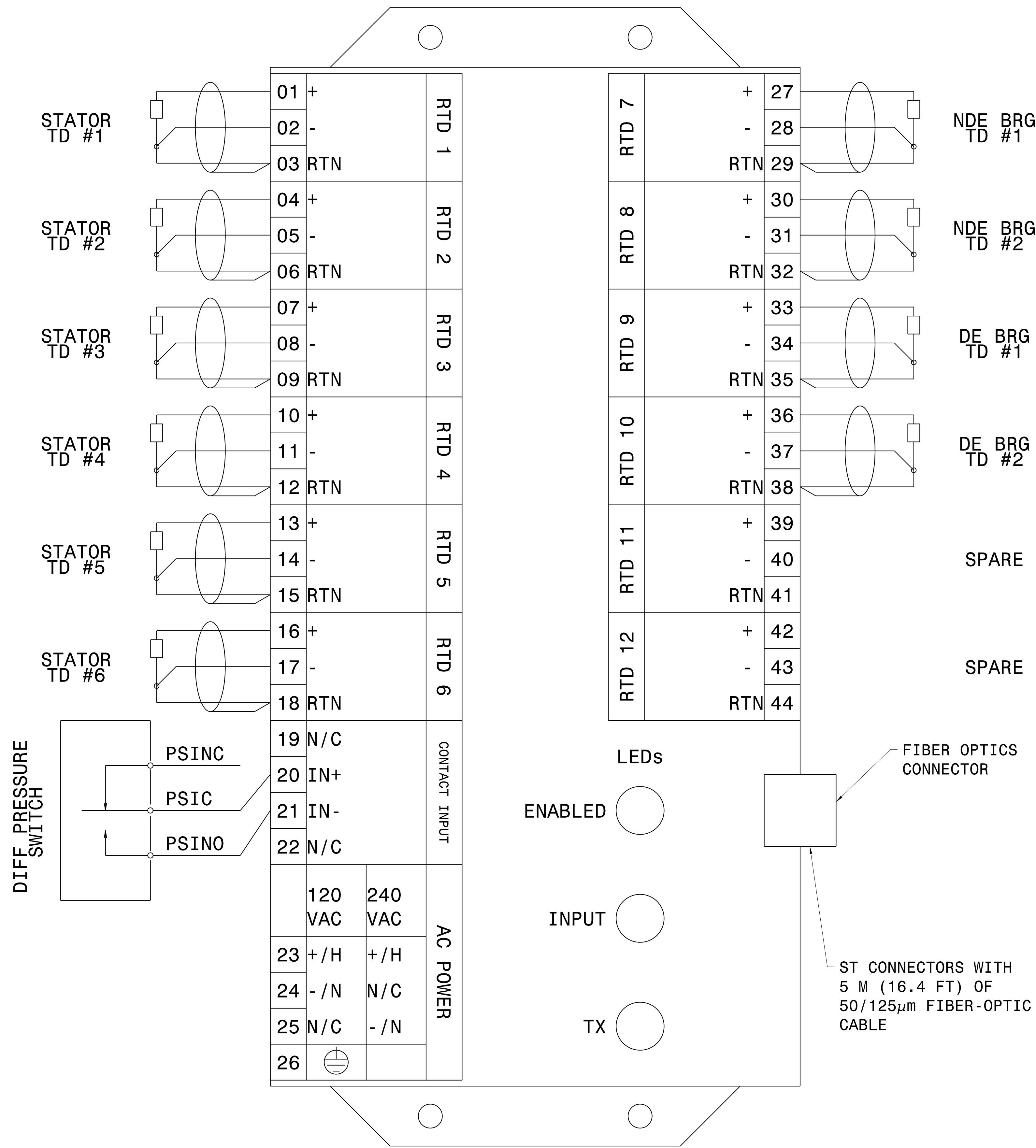


TYPICAL BEARING
TEMPERATURE DETECTOR



-NOMINAL PROBE GAP IS .10 VDC.
- (REF. .050" AWAY FROM SHAFT SURFACE).
-USE PLASTIC FEELER GAUGE TO SET
GAP IF VOLT METER IS NOT AVAILABLE.
WARNING: DO NOT CONTACT SHAFT WITH
PROBE TIP. DAMAGE TO PROBE
TIP COULD OCCUR.

SCHEMATIC VIBRATION PROBE WITH KEY PHASOR



SCHWEITZER SEL-2600A01 RTD MODULE
N=NEUTRAL, N/C=NO CONNECTION, RTN=RETURN

Serial No: P269C021-1-2-3
Customer: MISSISSIPPI POWER COMPANY
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Pump Item No: 01G-HE-PU-6032, 6033, 6034
Motor Item No: 01G-HE- MO-6032, 6033, 6034
Service: GI Closed Loop Cooling Water Pump

UNLESS OTHERWISE SPECIFIED										ALL SHEETS ARE THE SAME REVISION STATUS									
DRAWING TITLE					DATE					TECO-Westinghouse					5100 North IH-35				
OUTLINE DRAWING					CHECKER					Round Rock, TX 78681					DRAWING NUMBER				
AC INDUCTION MOTOR					DATE					99838A					REV				
ANGLE PROJECTION					ELECTRICAL					20120104					DRAWING NUMBER				
MAN X.					DATE					20120104					C99838A				
APPROVED					DATE					20120103					SHEET				
P. Holland					SCALE: NTS					2/2									