

ZONE	REV	DESCRIPTION	DATE	APPROVED

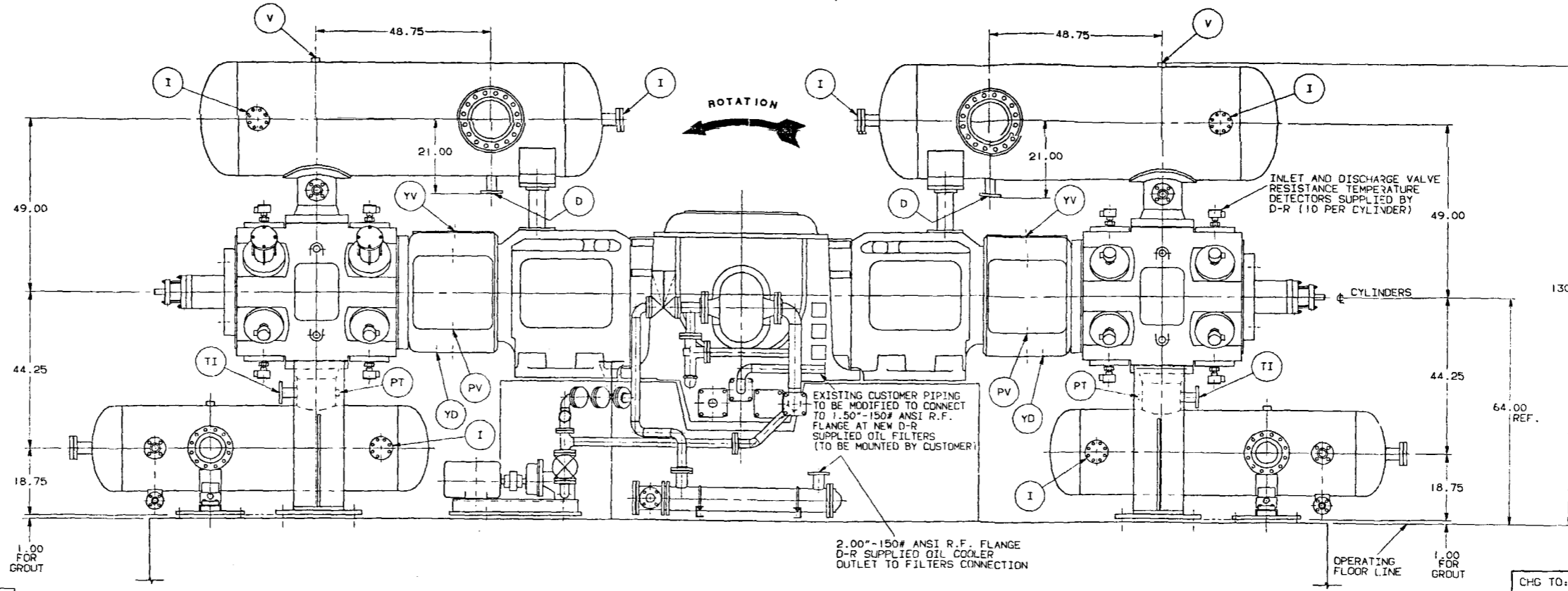
- NOTES:
- DIMENSIONS SHOWN ON THIS DRAWING ARE NOMINAL AND MAY VARY DUE TO NORMAL MANUFACTURING TOLERANCES. WHEN FITTING PIPING, IT IS GOOD PRACTICE TO LEAVE ONE OR TWO FLANGES LOOSE FOR FIELD FITUP TO ALLOW FOR THESE NORMAL TOLERANCES. FAILURE TO ALLOW FOR THESE TOLERANCES MAY CAUSE DIFFICULTY IN FITTING PREFABRICATED PIPING.
  - COMPANION FLANGES, GASKETS, BOLTS AND NUTS NOT FURNISHED BY D-R COMPANY.
  - DO NOT USE THIS DRAWING FOR CONSTRUCTION PURPOSES UNLESS OFFICIALLY ENDORSED.
  - DISTANCES GIVEN FOR WITHDRAWAL OF PISTON RODS ARE BASED ON NO FURTHER DISMANTLING THAN REMOVAL OF OUTER HEADS. THESE DISTANCES CAN USUALLY BE REDUCED IF FLOOR SPACE IS LIMITED. REFER TO THE SHOPS FOR THIS INFORMATION.
  - DO NOT SCALE THIS DRAWING FOR DIMENSIONS. USE FIGURES GIVEN.
  - BE SURE TO READ THE INSTRUCTION BOOK BEFORE CONSTRUCTION.
  - PROVISIONS MUST BE MADE TO ANCHOR CONNECTING PIPING SUCH THAT THERE WILL BE LITTLE OR NO STRAIN INTRODUCED AT ANY CYLINDER. THE WEIGHT OF CONNECTING PIPING SHOULD NOT BE CARRIED BY THE CYLINDERS.
  - ALL PACKING VENT PIPING AND YOKE VENT PIPING EXTERNAL TO YOKES TO BE PIPED BY CUSTOMER. IF PACKING VENTS ARE PIPED AWAY FROM COMPRESSOR IN A VERTICAL POSITION ABOVE CYLINDERS, A DRAIN LEG MUST BE PROVIDED FOR CONDENSATION.
  - PACKING VENT LINES MUST BE KEPT SEPARATE FROM CONDENSATE DRAIN PIPING, AND FROM DISTANCE PIECE VENT AND DRAIN PIPING.

CYL. SIZE	SHAFT TO CONN.	VERT. DIST. & CYL. TO CONN.	HORIZ. DIST. & CYL. TO CONN.	QTY.	SIZE NPT.
YOKE VENT "YV" TOP					
15.00" CYL. (TYPICAL)	81.00"	17.25"	ON C	1	1.00"
YOKE DRAIN "YD" BOTTOM					
15.00" CYL. (TYPICAL)	85.00"	16.88"	ON C	1	.75"
PACKING VENT "PV" BOTTOM					
15.00" CYL. (TYPICAL)	80.50"	10.38"	15.38"	1	.75"

RECOMMENDED ALLOWABLE FORCES AND MOMENTS ON VESSEL NOZZLES

MAXIMUM FORCES: 1000 LBS. X-X AXIS (453.6 KG)  
 800 LBS. Y-Y AXIS (362.9 KG)  
 1200 LBS. Z-Z AXIS (544.3 KG)

MAXIMUM MOMENTS: 1500 FT/LBS. X-X AXIS (207.5 KG/M)  
 1000 FT/LBS. Y-Y AXIS (138.3 KG/M)  
 1000 FT/LBS. Z-Z AXIS (138.3 KG/M)



THE PRITCHARD CORPORATION  
 APPROVAL DOES NOT RELIEVE THE FABRICATOR OF RESPONSIBILITY FOR ACCURACY OF DIMENSIONS AND COMPLIANCE TO CODES, PRITCHARD SPECIFICATIONS AND PURCHASE ORDER.  
 A. APPROVED  
 B. APPROVED AS NOTED  
 C. APPROVAL WITH FIELD REVISIONS  
 DATE: 20-09-03 BY: [Signature]

FORTIER AMMONIA PLANT  
 CONVERSION TO METHANOL PRODUCTION  
 FORTIER, LOUISIANA  
 PRITCHARD PROJECT 2639  
 P.O. NO. 2639-9-13-14  
 ITEM: 0-1913 DATE: 2/17/93

CERTIFIED FOR:  
 APPROVAL  FINAL  
 D-R ORDER: 002-92425  
 CUSTOMER: PRITCHARD/AMERICAN CYANAMID  
 CUSTOMER'S ORDER# 2639-9-13-14  
 DRESSER-RAND COMPANY  
 PAINTED POST PLANT  
 PER: [Signature] DATE: 2.5.74.93

FOR FOUNDATION PLAN SEE ..... F39080  
 FOR FRAME OIL SCHEMATIC SEE ..... F37800-003  
 FOR GAS FLOW SCHEMATIC SEE ..... F37801-004  
 FOR REGULATION SCHEMATIC SEE ..... F37802-002  
 FOR WATER FLOW SCHEMATIC SEE ..... F37803-008  
 FOR UNBALANCED FORCES & MOMENTS SEE ..... W1406004-057  
 FOR ESTIMATED NET WEIGHTS SEE ..... (LATER)  
 FOR DESCRIPTION OF COMPONENTS SEE ..... (LATER)

FOR DEFINITION OF SYMBOLS SEE SCHEMATICS LISTED ABOVE.

CHG TO: 16C 29C 80 124C

**DR DRESSER-RAND**  
 PAINTED POST, N.Y. 12370

THIRD ANGLE PROJECTION  
 DRAWN: [Signature] DATE: 15.00 & 15.00  
 CHECKED: [Signature] DATE: 23/09/93  
 APPROVED: [Signature] DATE: 23/09/93

SIZE: 15.00 & 15.00  
 STROKE: 12.00  
 TYPE: B0C3-JF16H1-NL

NAME OF PART: GENERAL ARRANGEMENT  
 SIZE FEDERAL SUPPLY CODE: E  
 DRAWING NO.: G11845-018  
 REV.: -

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.  
 SCALE: 75"=1FT. N/A 1/8"=1" 1/4"=1" 1/2"=1" 3/4"=1" 1"=1"

86064  
 86065