

C-300/CD-300/V-135/E-460/P-360/F-530/F-540

MYCOM V SERIES COMPRESSOR PACKAGE

ONE P200 VMD-T-350 SCREW COMPRESSOR
ONE 350 HP 480 V TEFC BALDOR DRIVER
ONE LUBE OIL SEPARATOR
ONE THERMOSYPHON OIL COOLER
ONE LUBE OIL PUMP
TWO LUBE OIL FILTERS

T-700

COMPRESSOR OIL TANK

WESTEEL ROSCO
65 US GALLON

P-340

COMPRESSOR OIL MAKE-UP PUMP

TUTHILL MODEL 4105
SPUR GEAR PUMP W/
INTEGRAL RELIEF VALVE
4.5 USGPM @ 300 PSIG DISCHARGE
1 1/2 HP 1/60/15 VAC
1750 RPM, TEFC MOTOR

CP-300

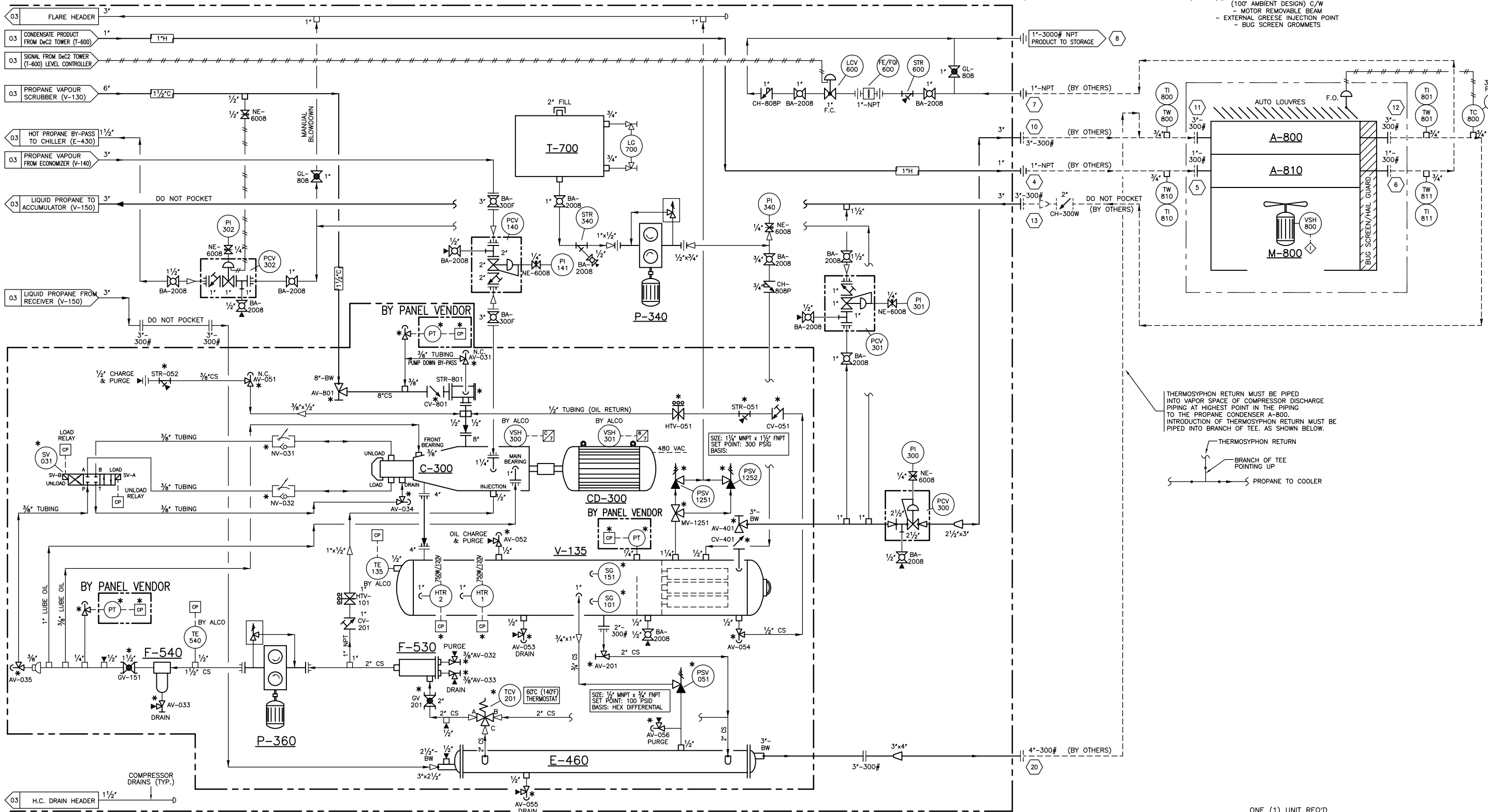
CONTROL PANEL

SPARTAN MILLENNIUM SERIES CONTROL PANEL W/
(CLASS I, DIV. 2)
24 VDC POWER SUPPLY
RS422/485 REMOTE CUSTOMER
COMMUNICATION AND ROOM FOR CUSTOMER
SUPPLIED/INSTALLED 9" PANEL VIEW

A-800/A-810

PROPANE CONDENSER/PRODUCT COOLER

ACE E132-140-20
A-800: 300 PSIG @ -20/200°F + 1/16" CA
A-810: 400 PSIG @ -20/300°F + 1/16" CA
A-800 DUTY: 1,837,100 BTU/hr
A-810 DUTY: 44,025 BTU/hr
W/ ONE (1) 40 HP 480/3/60 1800 RPM TEFC MOTOR
(100° AMBIENT DESIGN) C/W
- MOTOR REMOVABLE BEAM
- EXTERNAL GREASE INJECTION POINT
- BUG SCREEN GROMMETS



THERMOSYPHON RETURN MUST BE PIPED INTO VAPOR SPACE OF COMPRESSOR DISCHARGE PIPING AT HIGHEST POINT IN THE PIPING TO THE PROPANE CONDENSER A-800. INTRODUCTION OF THERMOSYPHON RETURN MUST BE PIPED INTO BRANCH OF TEE, AS SHOWN BELOW.

THERMOSYPHON RETURN

BRANCH OF TEE POINTING UP

PROPANE TO COOLER

VALVE TAGGING

GA-818
VALVE TYPE: BA = BALL, GA = GATE, GL = GLOBE, CH = CHECK, NE = NEEDLE, BB = GAUGE (BLOCK / BLEED), BV = BUTTERFLY, SV = SPECIALTY

PRESSURE RATINGS: 1 = 150# ANSI, 3 = 300# ANSI, 6 = 600# ANSI, 8 = 800# API, 9 = 900# ANSI, 15 = 1500# ANSI/1500# API, 20 = 2000 WOG, 25 = 2500# ANSI/2500# API, 30 = 3000 WOG, 40 = 4000 WOG, 60 = 6000 WOG

TRIM: 0 = STANDARD, 1 = SOUR, 2 = SOUR LOW TEMPERATURE, 3 = LOW TEMPERATURE, 4 = HIGH TEMPERATURE, 0 = RF, 1 = RTJ, 6 = SW, 7 = NPT x SW, 9 = NPT, 9 = MNPT x FNPT, SUFFIX: F = FULL PORT, S = SWING CHECK, P = PISTON CHECK, W = WAFER CHECK

NOTES:

- ITEMS SUPPLIED BY EQUIPMENT VENDOR.
- ITEMS SUPPLIED BY CUSTOMER & INSTALLED BY ALCO.
- ITEMS DENOTES TURBINE METERS REQUIRING A MIN. STRAIGHT PIPE LENGTH OF 10# UPSTREAM & 5# DOWNSTREAM.

GENERAL LEGEND:

- DENOTES PNEUMATIC TIE-IN.
- DENOTES PNEUMATIC COMPRESSOR PANEL TIE-IN.
- DENOTES CAPILLARY TIE-IN.
- DENOTES ELECTRICAL TIE-IN (BY OTHERS).
- DENOTES ELECTRICAL JUNCTION BOX TIE-IN.
- DENOTES LOCAL PLC TIE-IN (BY OTHERS).
- DENOTES LOCAL ELECTRICAL PANEL TIE-IN.
- DENOTES FIELD MOUNTED INSTRUMENT.
- DENOTES LOCAL PANEL INSTRUMENT.
- DENOTES LOCAL PANEL INSTRUMENT (MOUNTED INSIDE PANEL).

ONE (1) UNIT REQ'D

DRAWN	SCK	DATE	2005-09-20
SCALE	NTS	CHK'D	
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MECHANICAL FLOWSHEET REFRIGERATION PACKAGE 30 MMSCFD @ 1350 PSIG LOCATION: FORT ASSINIBOINE CUSTOMER: FORT ENERGY % BDR ENGINEERING DWG/SHOP ORDER: D-2005-7498-50F-004/004			
REV. A			