

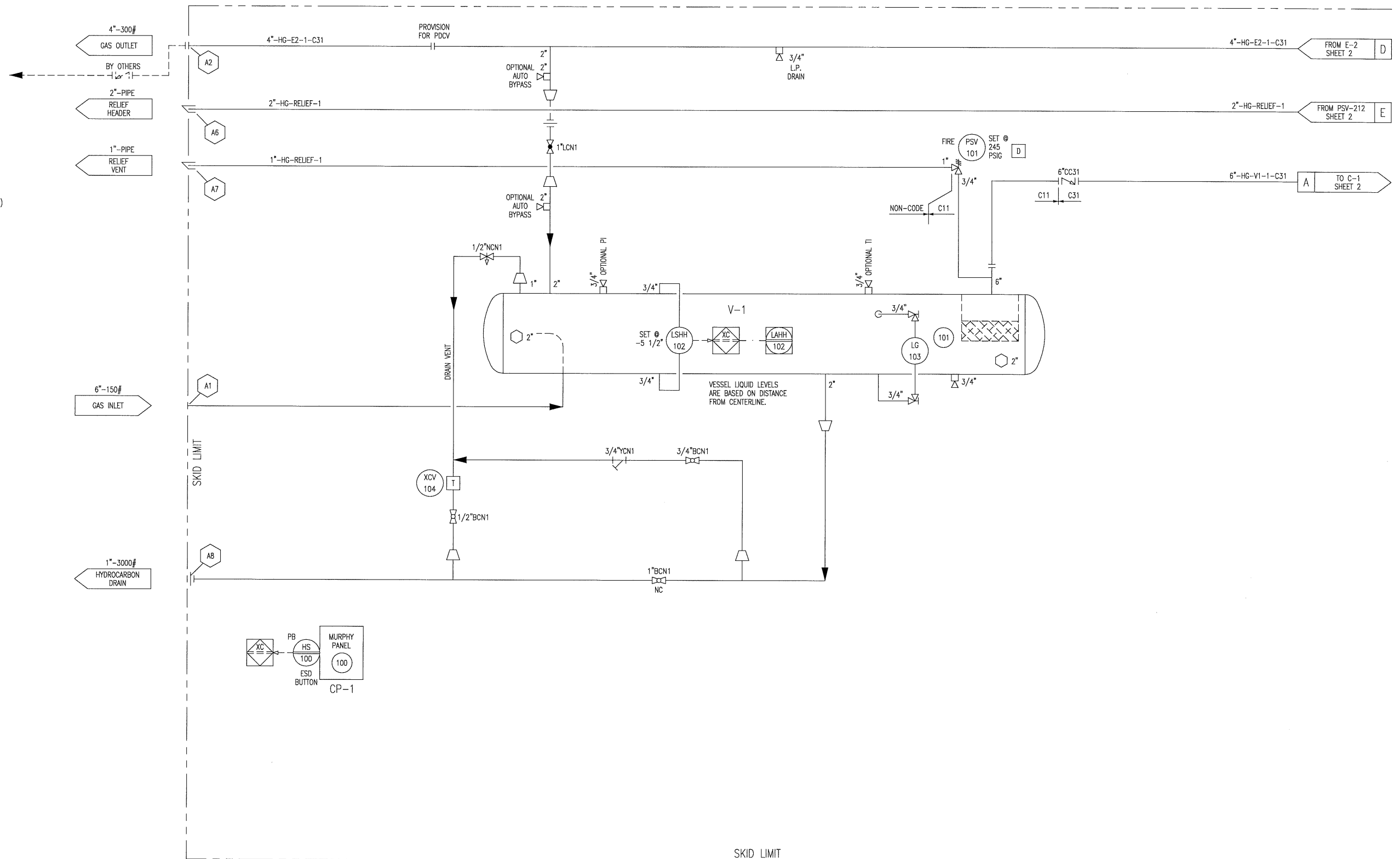
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CP-1  
CONTROL PANEL  
TYPE: MURPHY TTDJ  
POWER SUPPLY: IGNITION SYSTEM

V-1  
COMPRESSOR SUCTION SCRUBBER  
SIZE: 30" OD. X 102" S/S  
M.A.W.P.: 245 PSIG @ 250 DEG. F  
M.D.M.T.: -20 DEG F @ 245 PSIG  
C.A.: 0.0625"  
SHELL MATERIAL: SA-516-70  
HEAD MATERIAL: SA-516-70  
WEIGHT: 1845 LBS.

- SKID GENERAL NOTES:**
- UNIT LOCATION: T.B.A.
  - LSD: T.B.A.
  - ELECTRICAL CLASSIFICATION: CLASS 1, DIV. II, GROUP D  
(BUILDING GAS DETECTION TO BE SUPPLIED BY OTHERS AS REQUIRED)
  - MINIMUM DESIGN INDOOR TEMPERATURE: 60 DEG.F
  - MAXIMUM DESIGN AMBIENT TEMPERATURE: 100 DEG.F
  - COMPRESSOR SYSTEM OIL CHARGE: 50 USGAL
  - COMPRESSOR OIL TYPE: S5-100
  - ENGINE OIL CHARGE: 50 USGAL
  - ENGINE OIL TYPE: SAE 40
  - ENGINE JACKET COOLANT CAPACITY: 40 USGAL
  - ENGINE TURBO COOLANT CAPACITY: 65 USGAL
  - ENGINE COOLANT: 50/50 ETHYLENE GLYCOL
  - INSTRUMENT / FUEL GAS CONSUMPTION: 2000 SCFH
  - START GAS CONSUMPTION: 550 SCFM
  - ATMOSPHERIC PRESSURE: 13.4 PSIA
  - ELEVATION: 2500 FT. DESIGN

- CUSTOMER INTERFACE**
- DISCRETE INPUTS FROM CUSTOMER:  
REMOTE ESD (N.C.)
- OUTPUTS TO CUSTOMER:  
ONE SET OF DRY CONTACTS



REV.	DESCRIPTION	DATE	BY	APPR.
2	AS-BUILT	JAN 3/03	CD	
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PERMIT TO PRACTICE STAMP

ENGINEER STAMP

**TOROMONT**  
TOROMONT PROCESS SYSTEMS

DRAWN BY: GARTH SAVILOV  
DATE: SEP. 11, 2002  
CHKD. BY: L. JOHNSON  
SCALE: N/A  
APPR. BY: L. JOHNSON  
W.O. No: 11002101

TITLE: P & I FLOW DIAGRAM

FOR: THUNDER ENERGY  
200 HP  
BOOSTER COMPRESSOR

DWG. No: 11002-101  
SHEET No: 1 OF 4  
REV: 2

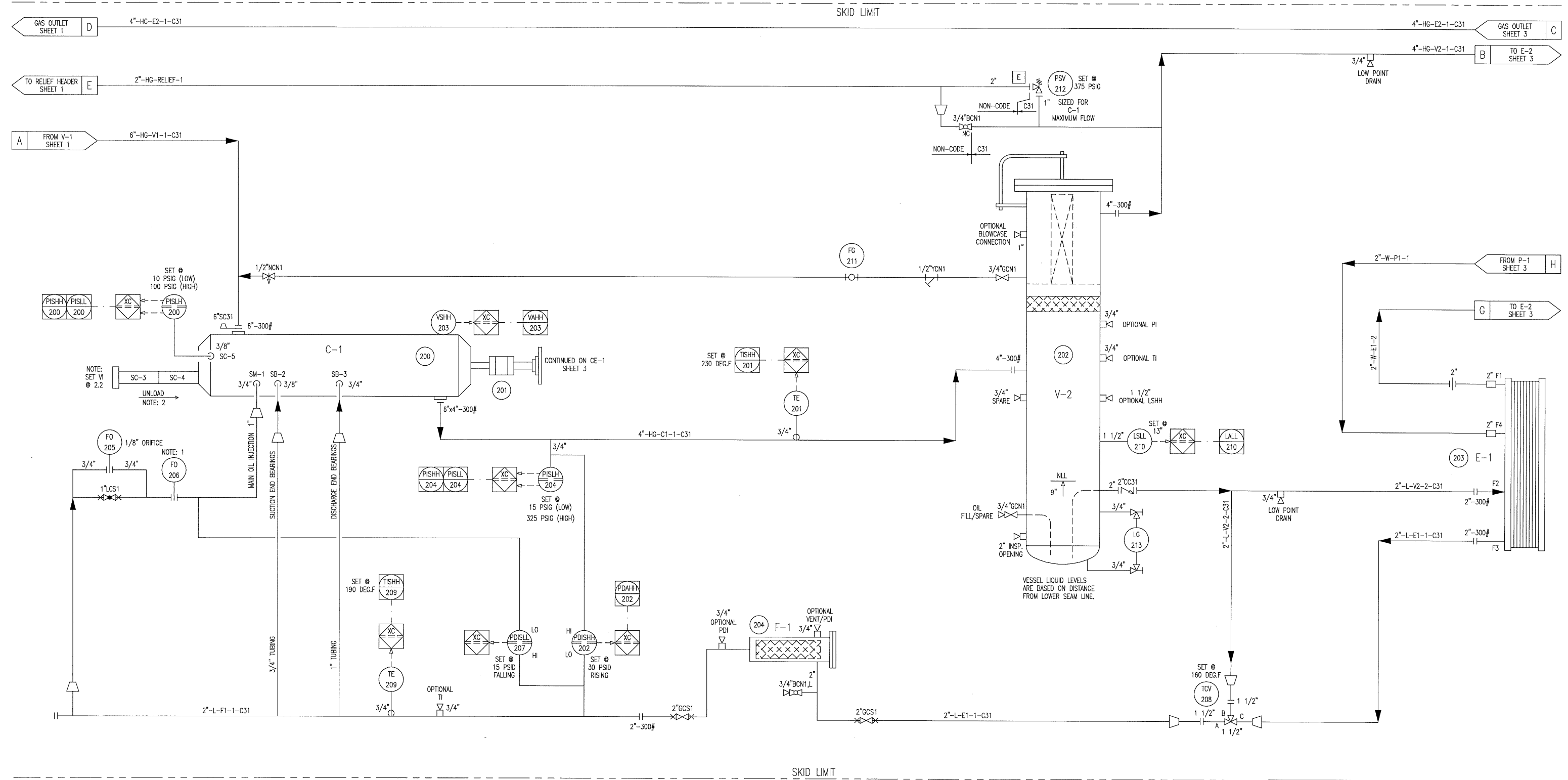
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**C-1**  
**GAS COMPRESSOR**  
 FRICK: TD5H-233S-HW  
 OPERATING SPEED: 1800 RPM  
 SUCTION PRESSURE: SEE CURVE  
 DISCHARGE PRESSURE: SEE CURVE  
 DISPLACEMENT: 512.8 ACFM @ 100%  
 OIL TEMPERATURE: 160 DEG.F  
 DESIGN OIL FLOW RATE: 50.5 GPM (MAX.)  
 POWER DRAW: 193 BHP  
 WEIGHT: 2670 LBS.

**F-1**  
**OIL FILTER**  
 SIZE: 8.6" O.D. X 27.5" S/F  
 MAWP: 400 PSIG @ 250 DEG.F  
 MDMT: -20 DEG.F @ 400 PSIG  
 CA: 0.0625"  
 SHELL MATERIAL: SA-106B  
 HEAD MATERIAL: SA-234-WPB  
 ELEMENT: (1) MODEL 1833C  
 WEIGHT: 286 LBS.

**V-2**  
**OIL SEPARATOR**  
 SIZE: 20" O.D. X 90" S/F  
 MAWP: 375 PSIG @ 250 DEG.F  
 MDMT: -20 DEG.F @ 375 PSIG  
 CA: 0.0625"  
 SHELL MATERIAL: SA-106B  
 HEAD MATERIAL: SA-516-70  
 ELEMENT: (1) RSC18321  
 WEIGHT: 2225 LBS.

**E-1**  
**OIL COOLER**  
 MODEL: VEX VX-20-FN1-75  
 PLATES: 29  
 MAWP OIL SIDE: 375 PSIG @ 250 DEG.F  
 MAWP GLYCOL SIDE: 375 PSIG @ 250 DEG.F  
 DESIGN DUTY: 342249 BTU/HR  
 SURFACE AREA: 58.10 SQ.FT  
 WEIGHT: 755 LBS.



NOTE: 1 ORIFICE SUPPLIED WITH COMPRESSOR.  
 NOTE: 2 TURN CLOCKWISE TO LOAD.

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ENGINEER STAMP

		TITLE: <b>P &amp; I FLOW DIAGRAM</b>	
DRAWN BY: GARTH SAVILOV	DATE: SEP. 11, 2002	FOR: <b>THUNDER ENERGY          200 HP          BOOSTER COMPRESSOR</b>	
CHKD. BY: L. JOHNSON	SCALE: N/A	DWG. No.: <b>11002-101</b>	
APPR. BY: L. JOHNSON	W.O. No.: 11002101	SHEET No.: 2 OF 4	REV: 2

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**F-2**  
**FUEL GAS FILTER**  
 TYPE: HEADLINE  
 MODEL: 380AH-1  
 SIZE: 4" OD X 12" S/F  
 MAWP: 500 PSIG @ 175 DEG.F  
 ELEMENT: 38-152-70C  
 WEIGHT: 10 LBS

**H-1A/B**  
**CATALYTIC ROOM HEATER**  
 INPUT: 16,000 BTU/HR (EACH)  
 SIZE: 24" X 24"  
 STARTING ELEMENT: 12V W/ 25' CABLES  
 C/W PRESSURE REGULATOR  
 THERMOSTAT & SAFETY SHUTOFF  
 WEIGHT: 90 LBS.

**T-3**  
**USED OIL STORAGE TANK**  
 SIZE: HSS 3/8"THK X 8" X 12" X 222" LG  
 LOCATION: SIDE OF SKID  
 VOLUME: 80 USGAL

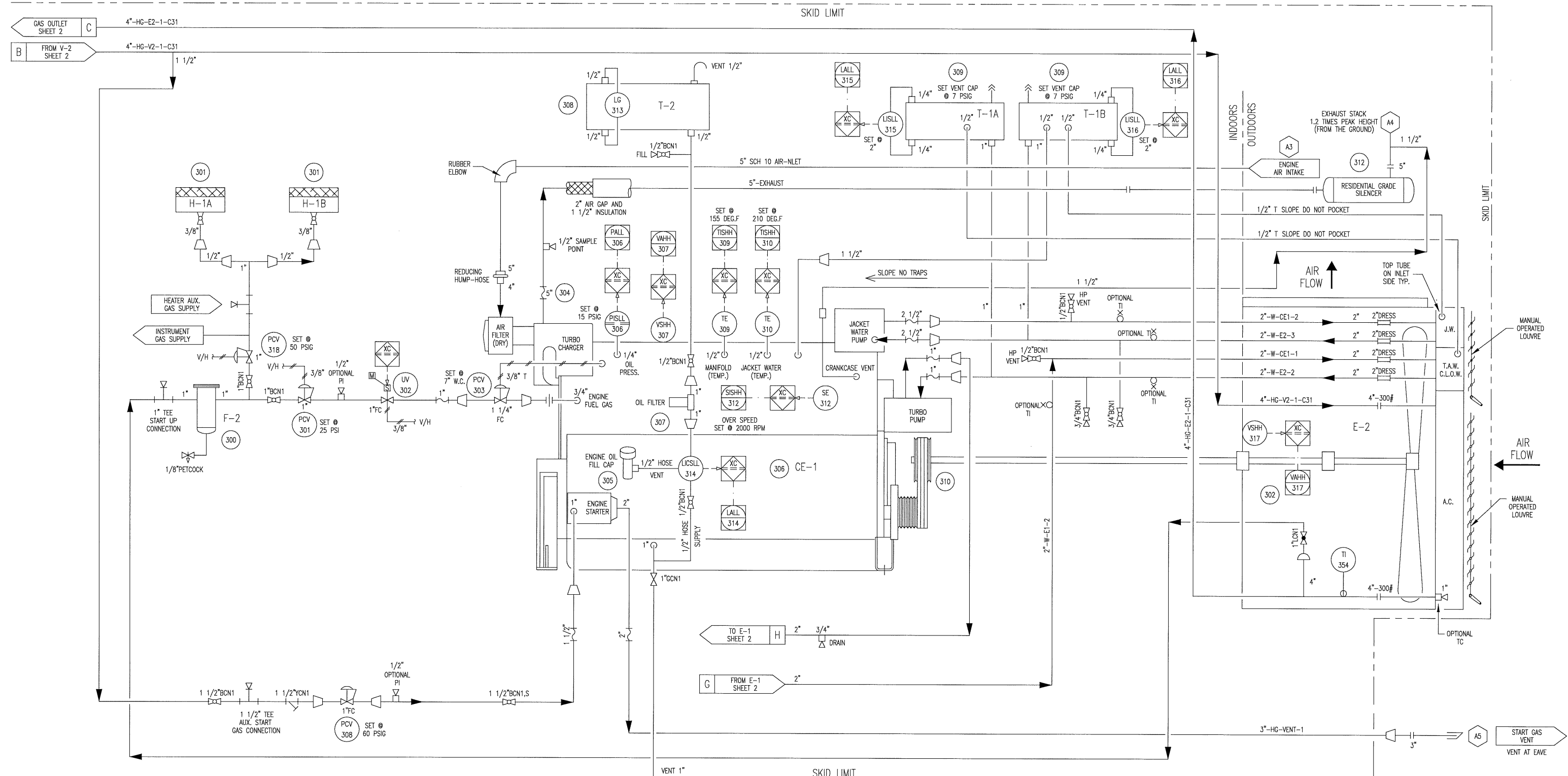
**CE-1**  
**NATURAL GAS ENGINE**  
 TYPE: CATERPILLAR 3306TA  
 BORE: 4.75"  
 STROKE: 6"  
 DISPLACEMENT: 638 CU.IN  
 COMPRESSION RATIO: 8.0:1  
 SPEED RANGE: 1400-1800 RPM  
 BHP (RATED): 203 HP @ 1800 RPM  
 WEIGHT: 2090 LBS.

**T-2**  
**OIL DAY TANK**  
 SIZE: HSS 1/4"THK X 12" X 12" X 120" LG  
 VOLUME: 68 USGAL

**T-1A**  
**TAW/CLOW GLYCOL SURGE TANK**  
 SIZE: HSS 1/4"THK X 12" X 12" X 24" LG  
 VOLUME: 12 USGAL

**T-1B**  
**JW GLYCOL SURGE TANK**  
 SIZE: HSS 1/4"THK X 12" X 12" X 15" LG  
 VOLUME: 8 USGAL

**E-2**  
**COMPRESSOR AFTERCOOLER/OIL COOLER/GLYCOL COOLER**  
 TYPE: ACE  
 MODEL: J3B  
 AFTERCOOLER COIL: MAWP: 400 PSI @ 350 DEG.F  
 MDMT: -20 DEG.F @ 400 PSIG  
 DUTY: 239864 BTU/HR  
 GLYCOL COIL: MAWP: 14 PSI @ 350 DEG.F  
 (JACKET WATER) DUTY: 596000 BTU/HR  
 GLYCOL COIL: MAWP: 14 PSI @ 350 DEG.F  
 (TURBO/OIL COOLER GLYCOL) DUTY: 387000 BTU/HR  
 FAN: MOORE 1000-16VT  
 FAN SPEED: 644 RPM  
 TOTAL AIR FLOW: 30543 SCFM  
 POWER DRAW: 8.7 HP  
 WEIGHT: 5769 LBS.



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 SCALE: N/A  
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 W.O. No: 11002101  
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 SHEET No: 3 OF 4  
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TITLE: P & I FLOW DIAGRAM  
 FOR: THUNDER ENERGY  
 200 HP BOOSTER COMPRESSOR

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LINE IDENTIFICATION

A-B-CD-E-FGH-I,J

- A : NOMINAL LINE SIZE IN INCHES
B : FLUID
CW COOLING WATER
F FUEL GAS
G GLYCOL
HG HYDROCARBON GAS
HL HYDROCARBON LIQUID
C : EQUIPMENT TYPE
B BLOWER/FAN
C COMPRESSOR
E EXCHANGER
F FILTER
MODIFIER
E ENGINE
M MOTOR
D : EQUIPMENT NUMBER: 1 TO 999 SEQUENTIAL NUMBERS
E : LINE NUMBER: 1 TO 9 SEQUENTIAL NUMBERS FROM EQUIPMENT
FGH : PIPING SPECIFICATION
F : MATERIAL GROUP
C CARBON STEEL
L LOW TEMP. CARBON STEEL
S STAINLESS STEEL
G : ANSI 16.5 FLANGE CLASS
1 150# 9 900#
3 300# 15 1500#
6 600# 25 2500#
H : LINE MATERIAL SPECIFICATION REFERENCE: 1 TO 9 SEQUENTIAL NUMBERS

VALVE IDENTIFICATION

A"BCDE,F

- A : NOMINAL VALVE SIZE IN INCHES
B : TYPE
A ANGLE GLOBE
N NEEDLE
B BALL
P PLUG
C CHECK
S START-UP STRAINER
G GATE
T TEE STRAINER
L GLOBE
Y Y-STRAINER
M MANIFOLD
U BUTTERFLY
C : BODY MATERIAL
B BRONZE
C CARBON STEEL
I CAST IRON
L LOW TEMP. CARBON STEEL
S STAINLESS STEEL
D : END CONNECTIONS
1 FLANGED 150#
3 FLANGED 300#
6 FLANGED 600#
9 FLANGED 900#
15 FLANGED 1500#
25 FLANGED 2500#
B BUTT WELD
C SW BY NPT
F NPT BY FLANGE (MANIFOLD)
N NPT (THREADED)
M NPT MALE BY NPT FEMALE
S SW (SOCKETWELD)
T TUBE (SWAGELOCK)

VALVES

- ANGLE GLOBE VALVE
BALL VALVE
BUTTERFLY VALVE
CHECK VALVE
GATE VALVE
GLOBE VALVE
NEEDLE VALVE
PLUG VALVE
3-WAY VALVE
4-WAY VALVE
START-UP STRAINER
TEE STRAINER
Y-STRAINER

VALVE CONNECTIONS

- THREADED
WELDED (BUTT OR SOCKET)
THREADED BY WELDED
FLANGED

CONTROL VALVES

- POSITIONER DIAPHRAGM CONTROL VALVE
MOTOR ACTUATOR
OUTLET PRESSURE REGULATOR (SELF-CONTAINED)
HYDRAULIC / PNEUMATIC PISTON OPERATED
INLET PRESSURE REGULATOR (SELF-CONTAINED)
VALVE W/ BLEED
PRESSURE DIFFERENTIAL CONTROL VALVE (SELF-CONTAINED)
VALVE W/ PLUG
TWO-WAY SOLENOID VALVE
PRESSURE SAFETY/RELIEF VALVE
THREE-WAY SOLENOID VALVE
DESIGNATES ORIFICE LETTER (SIZE)

MISCELLANEOUS

- FLEXIBLE CONNECTION
SPECTACLE BLIND (LINE OPEN)
SPECTACLE BLIND (LINE CLOSED)
FLOW GLASS
RUPTURE DISC FOR PRESSURE RELIEF
RUPTURE DISC FOR VACUUM RELIEF
VORTEX BREAKER
DIAPHRAM SEAL
CONTINUOUS LIQUID DRAINER OR STEAM TRAP
SKID TIE-POINTS
OPEN DRAIN
THICKNESS
INSULATION - (C) COLD (H) HOT (HT) HEAT TRACING (PP) PERSONAL PROTECTION
ELECTRIC HEAT TRACE
STEAM OR GLYCOL HEAT TRACE

LINE CODE

- PRIMARY PROCESS LINE
SECONDARY PROCESS LINE
INSTRUMENT PROCESS LINE (TUBING "T")
BY OTHERS
SKID LIMIT
PNEUMATIC SIGNAL
ELECTRIC SIGNAL
CAPILLARY TUBING
INSTRUMENT SYSTEM LINK (ELECTRONIC MEMORY SHARING)

(MODIFIER)

Table with columns: FIRST LETTER, SUCCEEDING LETTERS, PRIMARY ELEMENT, INDICATOR, RECORDER, CONTROLLER (BLIND, INDICATING, RECORDING), TRANS-MITTER, CONTROL (SWITCH, ALARM), CONTROL VALVE OR REGULATOR, SELF-ACTIVATED VALVE, RELAY OR CONVERTER. Rows include ANALYSIS, BURNER FLAME, CONDUCTIVITY, etc.

INSTRUMENTS

- THERMOWELL (THREADED)
THERMOWELL (WELDED)
LOCAL MOUNTED
LOCAL PANEL MOUNTED
MOUNTED BEHIND OR IN LOCAL PANEL
MAIN PANEL MOUNTED
MOUNTED BEHIND OR IN MAIN PANEL
MAN / MACHINE INTERFACE IN MAIN PANEL
PILOT LIGHT \* COLOUR- (A) AMBER (G) GREEN (R) RED (B) BLUE (O) ORANGE (W) WHITE
RELAY OR CONVERTER
\* FOR INPUT/OUTPUT SEQUENCES
DESIGNATION: SIGNAL:
E VOLTAGE
H HYDRAULIC
I CURRENT (ELECTRICAL)
O ELECTROMAGNETIC OR SONIC
P PNEUMATIC
R RESISTANCE (ELECTRICAL)
PROGRAMMABLE LOGIC CONTROLLER (PLC)
XC REPRESENTS GENERAL LOGIC
X = PLC NUMBER
Y = PLC RACK NUMBER
THE ABOVE IDENTIFICATION NUMBER WILL BE USED TO REFERENCE THE CONTROL PANELS.
INTERLOCK
ELECTRICAL (HARD WIRE) INTERLOCK

- (C) -CLOSE (O) -OPEN
(H) -HIGH ALARM (L) -LOW ALARM
(HH)-HIGH SHUTDOWN (LL)-LOW SHUTDOWN
(xx)-DIAGNOSTIC SHUTDOWN (USED TO INDICATE THE DIAGNOSTIC CHECK REQ'D ON THE ANALOG INPUT)

ABBREVIATIONS

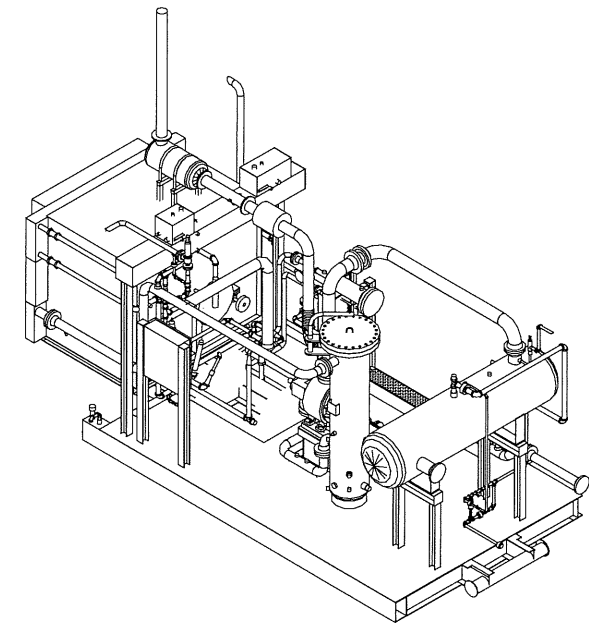
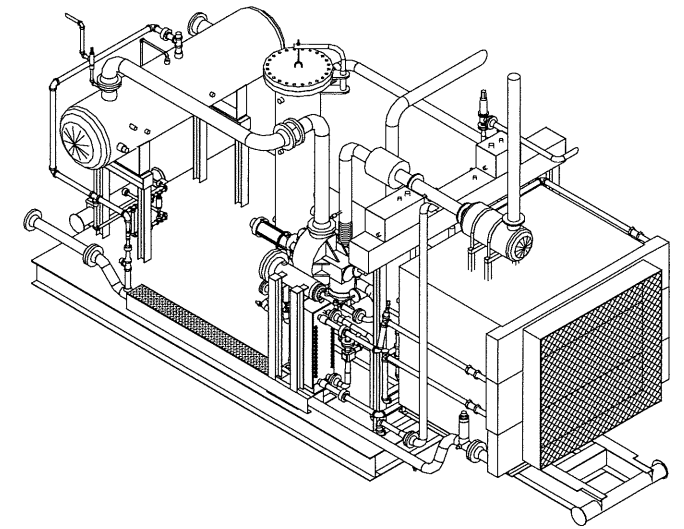
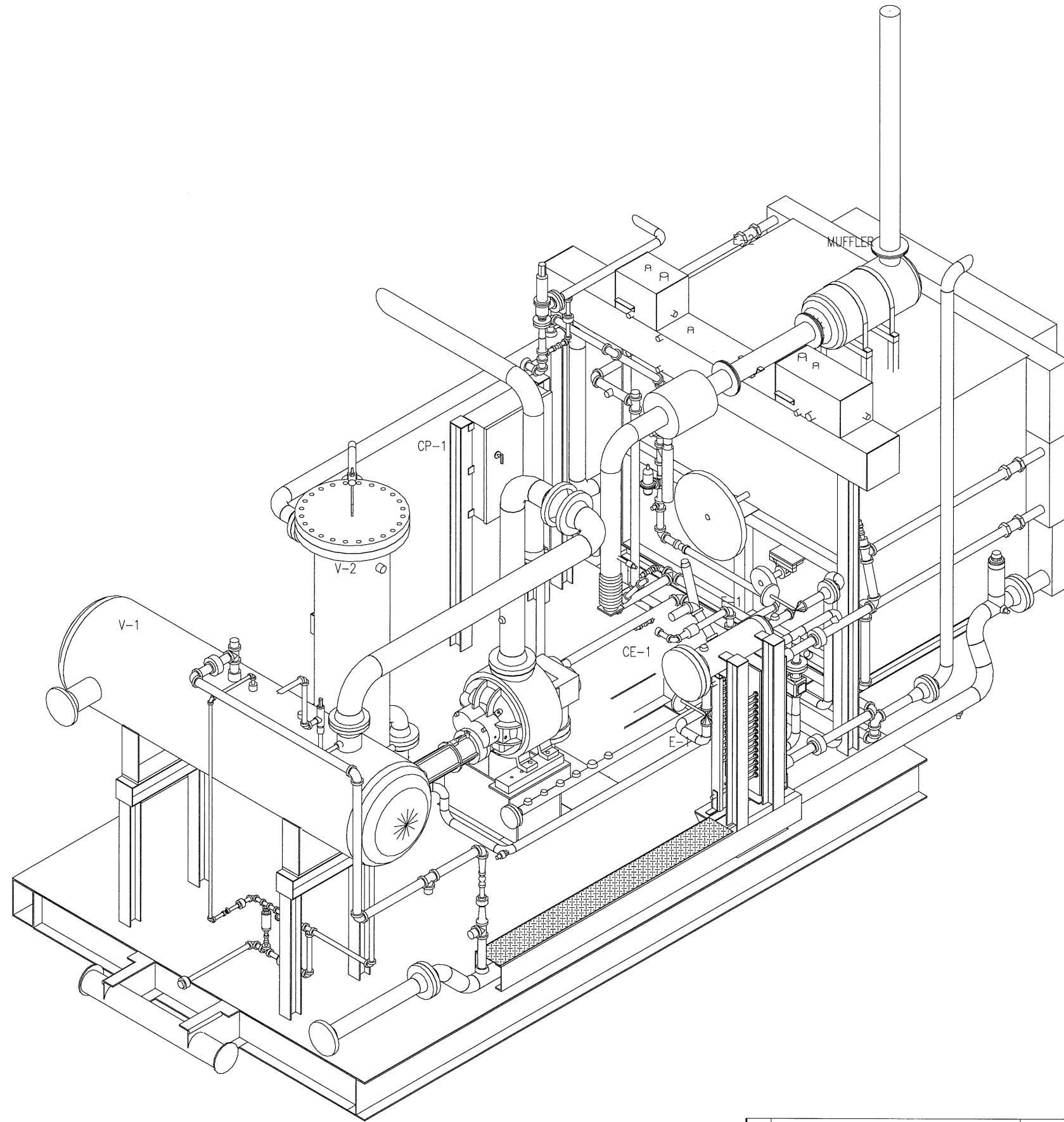
- AOUT AUTOMATIC OUTPUT
CA CORROSION ALLOWANCE
CHO CHAIN OPERATED
CUST CUSTOMER
DIR DIRECT ACTING
DB DEADBAND
DELTA (DIFFERENTIAL)
ESD EMERGENCY SHUTDOWN
FC FAIL CLOSED
FO FAIL OPEN
FLP FAIL LAST POSITION
GAIN GAIN
HI HIGH
HS HAND SWITCH
HTR HEATER
I/A INSTRUMENT AIR SUPPLY
I/G INSTRUMENT GAS SUPPLY
I/O INPUT / OUPUT
LB/HR POUNDS PER HOUR
FT3/DAY CUBIC FEET PER DAY
FT3/HR CUBIC FEET PER HOUR
FT3/MIN CUBIC FEET PER MINUTE
LC LOCKED CLOSED
LO LOCKED OPEN
MAX MAXIMUM
AOUT AUTOMATIC OUTPUT
CA CORROSION ALLOWANCE
MDM MINIMUM DESIGN METAL TEMPERATURE
MIN MINIMUM
MCC MOTOR CONTROL CENTER
MOUT MANUAL OUTPUT
MS MOTOR STARTER
NC NORMALLY CLOSED
NLL NORMAL LIQUID LEVEL
NO NORMALLY OPEN
MMI MAN / MACHINE INTERFACE
PB PUSH BUTTON
PL PILOT LIGHT
PLC PROGRAMMABLE LOGIC CONTROLLER
REV REVERSE ACTING
RST RESET (INTEGRAL)
SCR SILICON CONTROLLED RECTIFIER
S/F SEAM TO FACE OF FLANGE
SP SETPOINT
SPC CALCULATED SETPOINT
SS SELECTOR SWITCH
S/S SEAM TO SEAM
T/T TANGENT TO TANGENT
TS/TS TUBESHEET TO TUBESHEET
T/L TUBE LENGTH
V/H VENT HEADER

GENERAL NOTES

- 1. TUBING TO BE 304SS, SEAMLESS. 0.035" WALL THICKNESS, CADMIUM PLATED CARBON STEEL FITTINGS WITH STAINLESS STEEL FERRULES.
2. ALL TEMPERATURE INSTRUMENTS TO BE PROVIDED WITH A THERMOWELL.

Project information block including TOROMONT logo, drawing title 'P & I FLOW DIAGRAM LEGEND', drawing number '11002-101', date 'SEP. 11, 2002', and revision table with columns for REV., DESCRIPTION, DATE, BY, APPR.

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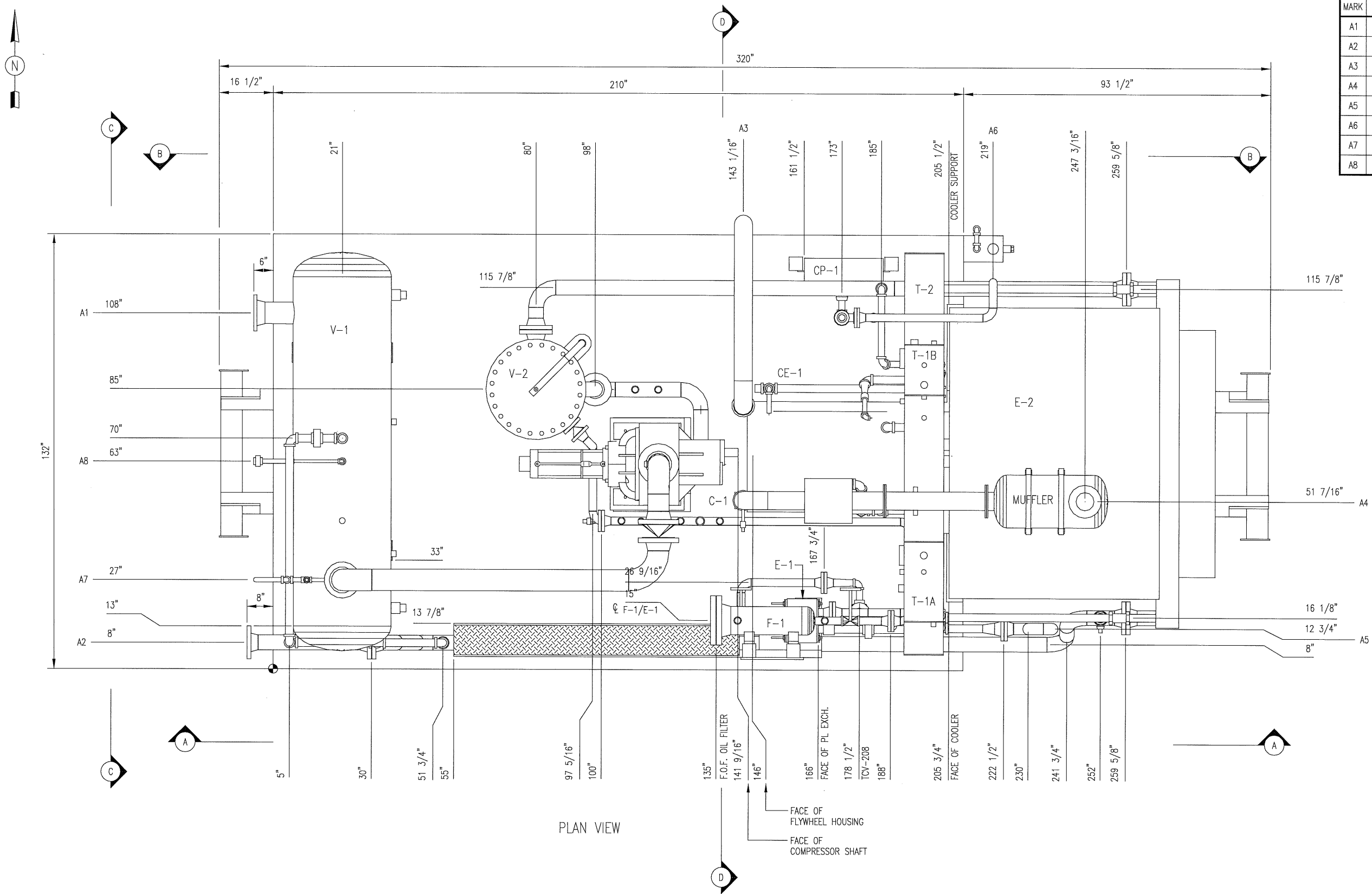
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2	AS-BUILT	JAN 3/03	CD	
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ENGINEER STAMP

	DRAWN BY: GARTH SAVILOW CHKD. BY: L. JOHNSON APPR. BY: L. JOHNSON	DATE: SEP. 11, 2002 SCALE: 1/2" = 1'-0" W.D. No: 11002201	TITLE: 3D MODEL  FOR: THUNDER ENERGY 200 HP BOOSTER COMPRESSOR
	CUST. PO No:	DWG. No: 11002-201	SHEET No: 1 OF 5 REV: 2

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NOZZLE SCHEDULE					
MARK	SERVICE	SIZE	RATING	TYPE	CUSTOMER TIE POINT
A1	GAS INLET	6"	300#	RFWN	YES
A2	GAS OUTLET	4"	300#	RFWN	YES
A3	ENGINE AIR INTAKE	5"	-	STUB	NO
A4	ENGINE EXHAUST	5"	-	STUB	NO
A5	START GAS VENT	3"	-	STUB	NO
A6	RELIEF HEADER	2"	-	STUB	NO
A7	RELIEF VENT	1"	-	STUB	NO
A8	HYDROCARBON DRAIN	1"	3000#	UNION	NO

- GENERAL NOTES:**
- ALL TAIL DIMENSIONS FROM REFERENCE POINT.
  - SHIPPING LENGTH: 320"  
SHIPPING WIDTH: 143 1/2"  
SHIPPING HEIGHT: 160"
  - SHIPPING WEIGHT: 35600 LBS
  - OPERATING WEIGHT: 35600 LBS
  - OVERALL SKID DEPTH: 8 3/16"
  - NOZZLE ELEVATIONS ARE FROM CENTERLINE OF PIPE TO TOP OF BASE (REFERENCE POINT).
  - (\* ) DENOTES ELEVATION FROM FACE OF FLANGE TO TOP OF BASE (REFERENCE POINT).

PLAN VIEW

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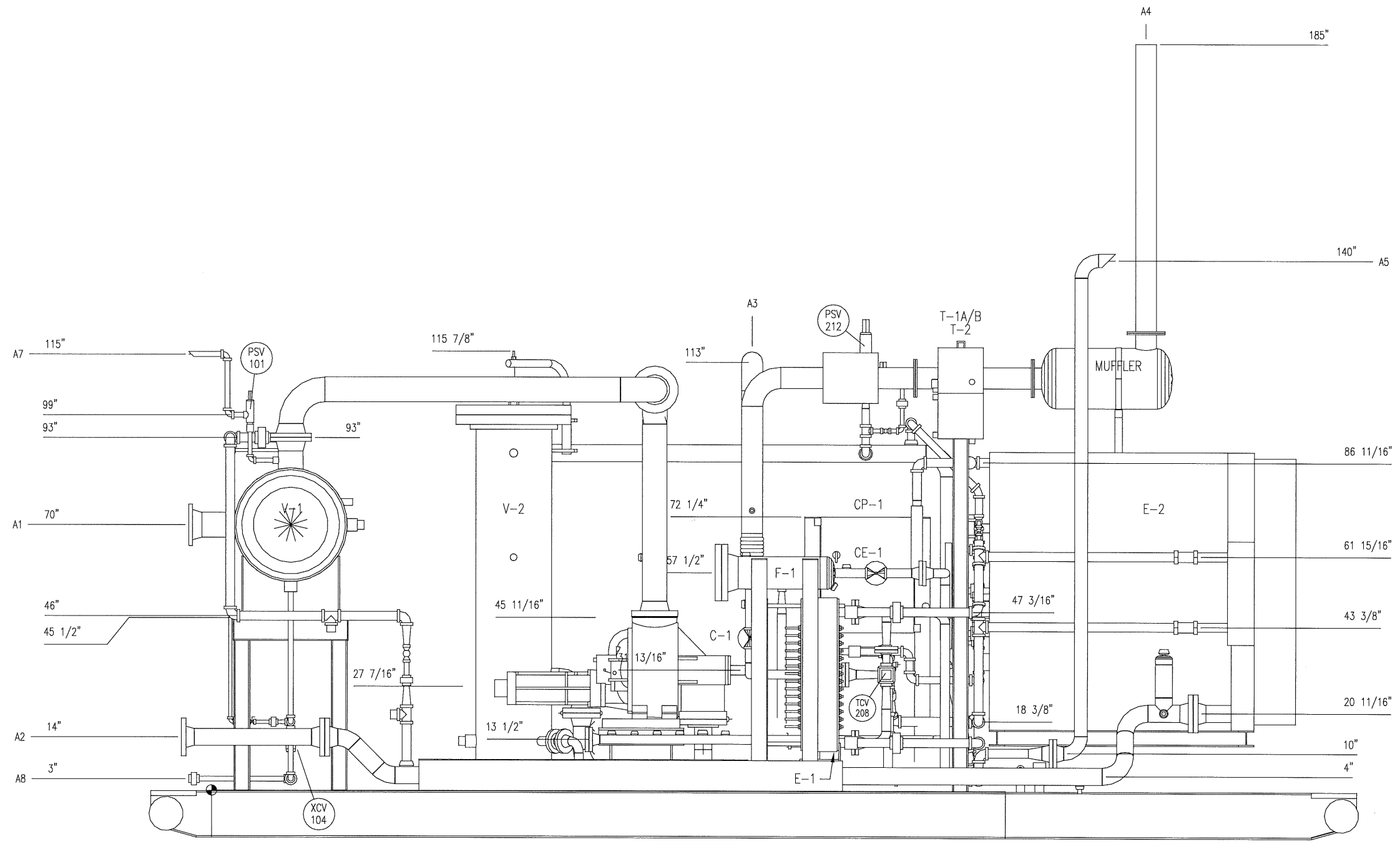
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DRAWN BY: GARTH SAVILLOW	DATE: SEP. 11, 2002	FOR: THUNDER ENERGY 200 HP BOOSTER COMPRESSOR	
CHKD. BY: L. JOHNSON	SCALE: 3/4"=1'-0"	W.O. No: 11002201	
APPR. BY: L. JOHNSON		CUST. PO No:	

TITLE: GENERAL ARRANGEMENT	DWG. No: 11002-201	SHEET No: 2 OF 5	REV: 2
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ELEVATION "A-A"

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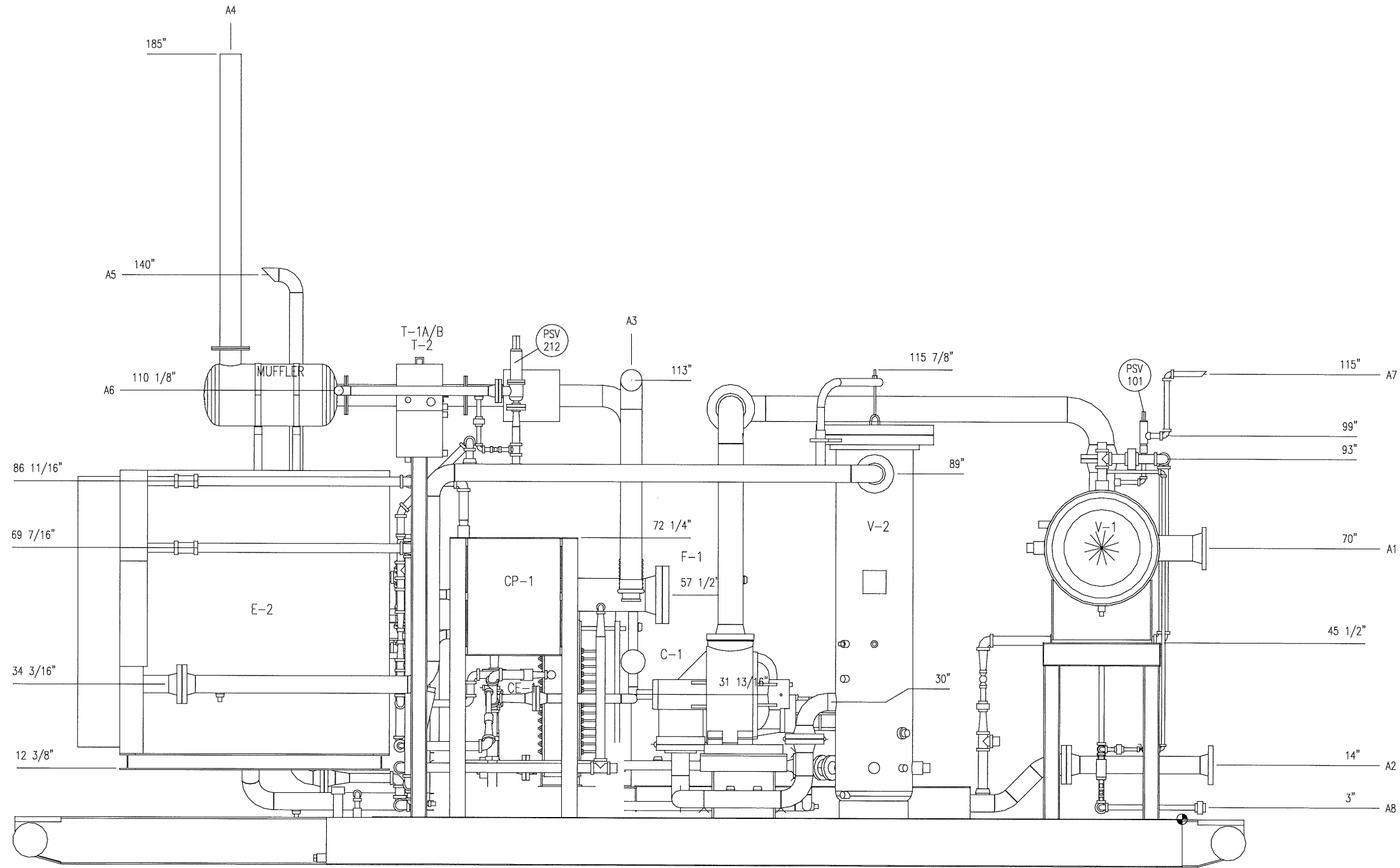
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<b>TOROMONT</b> TOROMONT PROCESS SYSTEMS	
DRAWN BY: GARTH SAVILLO	DATE: SEP. 11, 2002
CHKD. BY: L. JOHNSON	SCALE: 3/4"=1'-0"
APPR. BY: L. JOHNSON	W.O. No: 11002201
CUST. PO No:	

TITLE: ELEVATION "A-A"
FOR: THUNDER ENERGY 200 HP BOOSTER COMPRESSOR
DWG. No: 11002-201
SHEET No: 3 OF 5
REV: 2

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ELEVATION "B-B"

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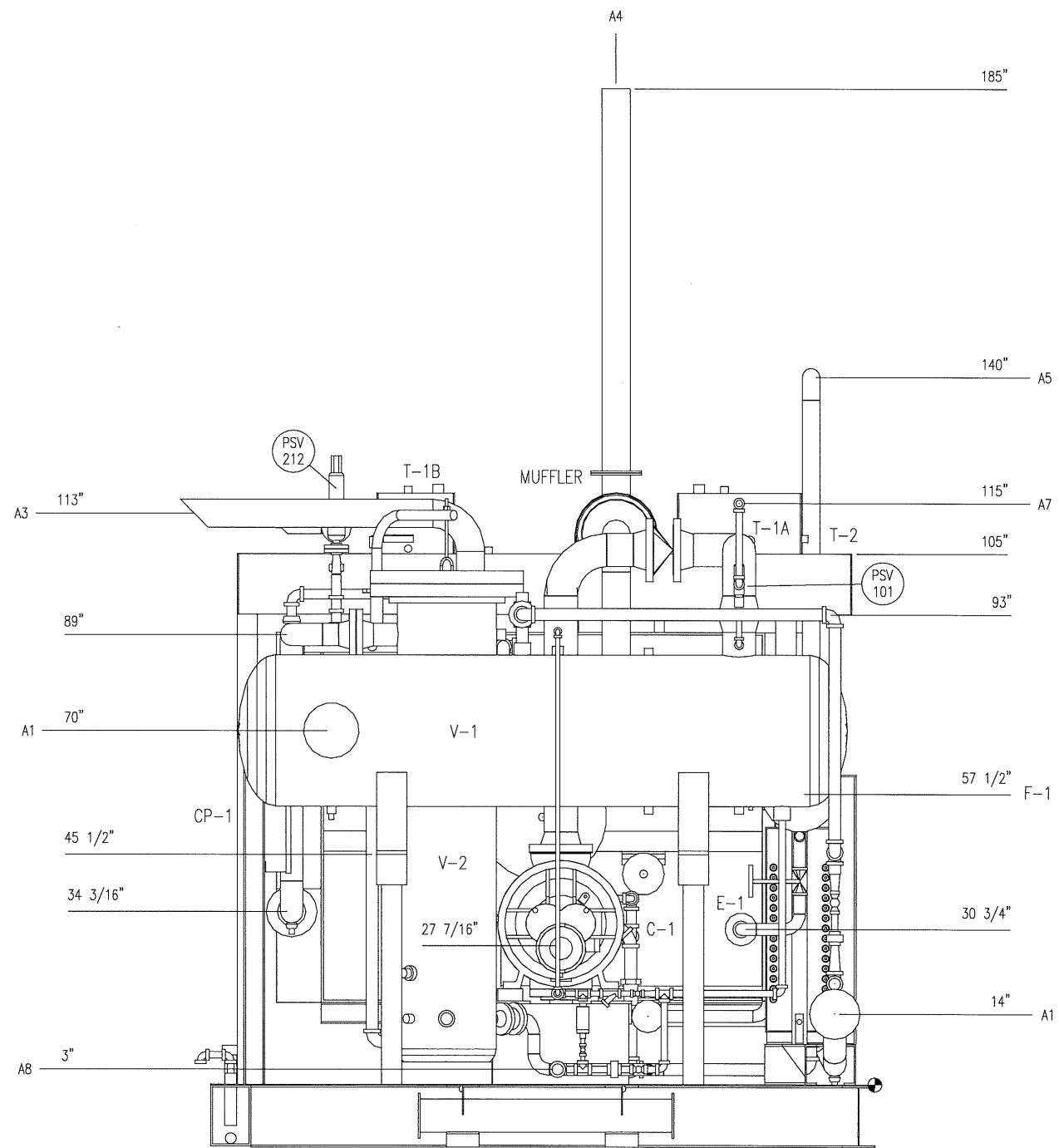
ENGINEER STAMP

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DRAWN BY: GARTH SAVILOV	DATE: SEP. 11, 2002
CHKD. BY: L. JOHNSON	SCALE: 3/4"=1'-0"
APPR. BY: L. JOHNSON	W.O. No: 11002201
CUST. PO No:	

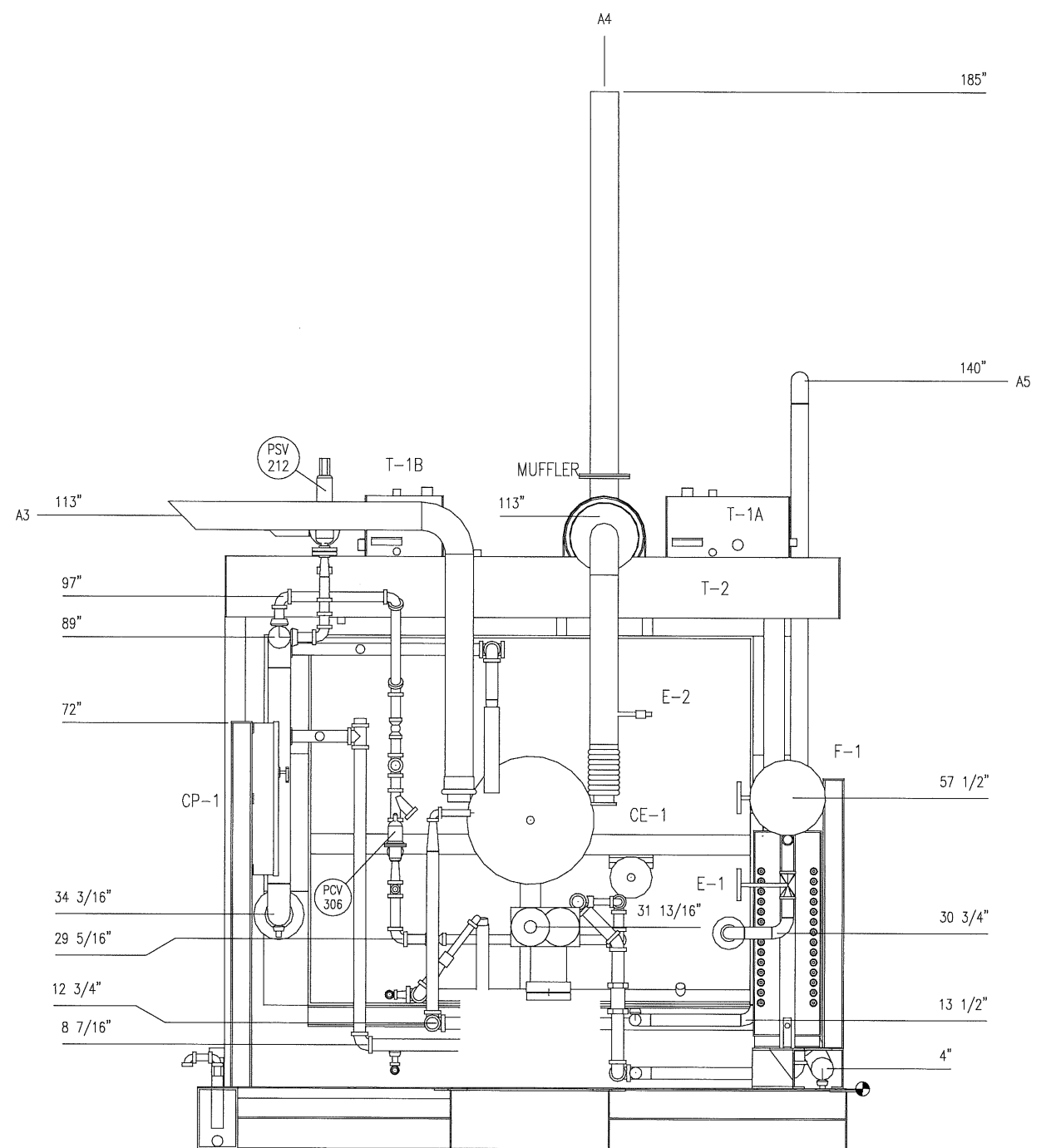
TITLE: ELEVATIONS "B-B"
FOR: THUNDER ENERGY 200 HP BOOSTER COMPRESSOR
DWG. No: 11002-201
SHEET No: 4 OF 5
REV: 2



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VIEW "C-C"



SECTION "D-D"

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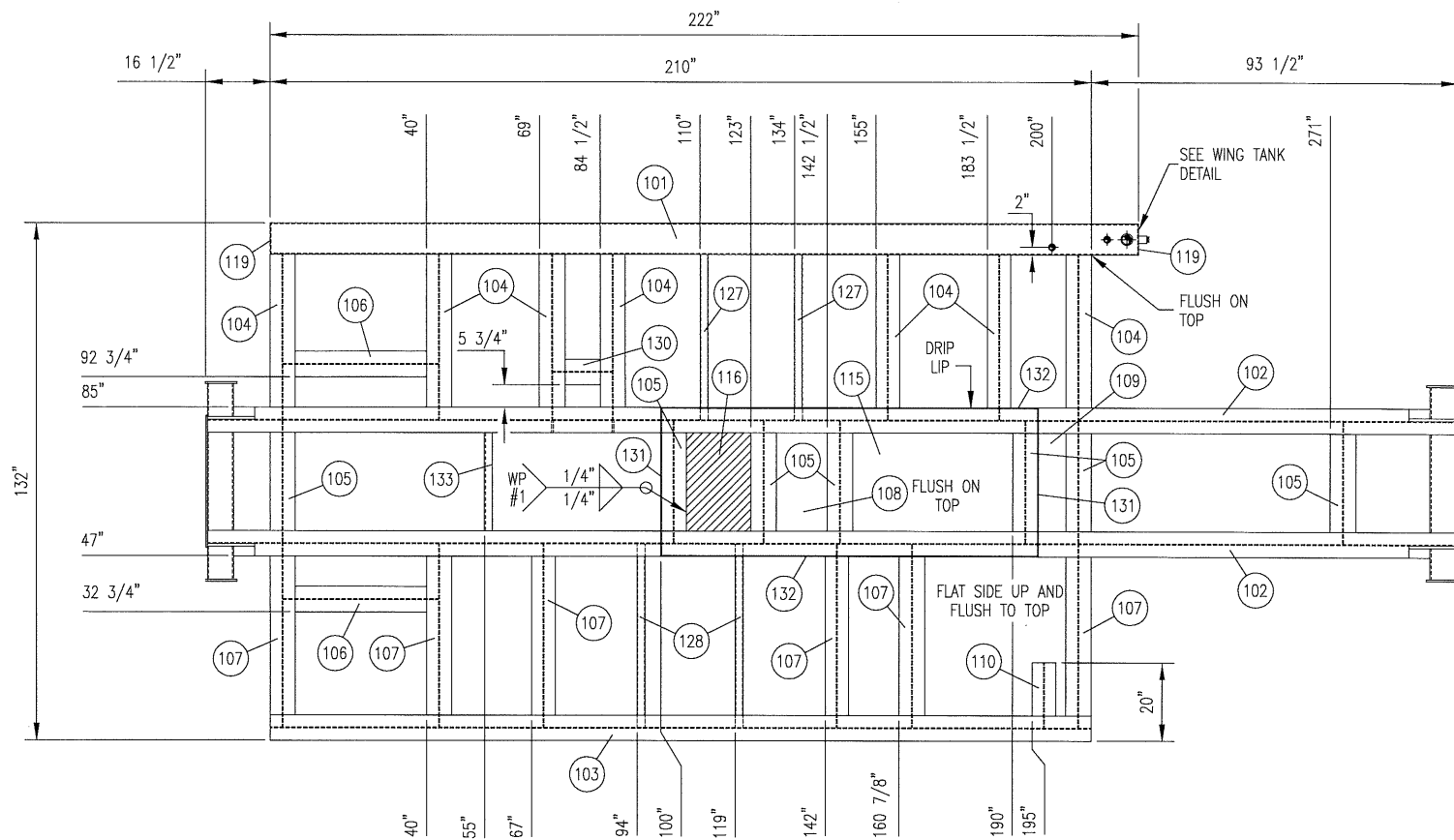
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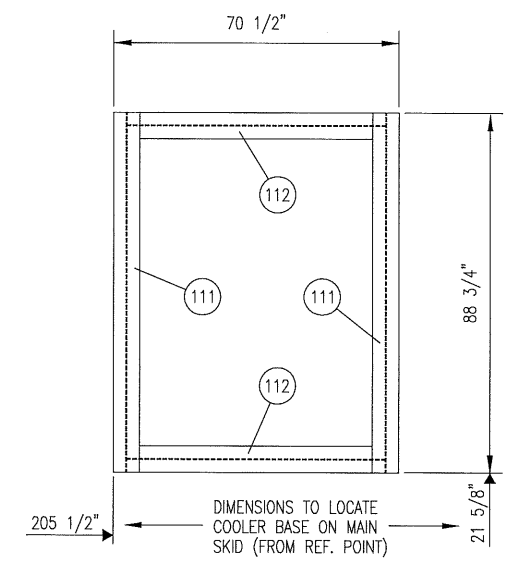
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CHKD. BY: L. JOHNSON	SCALE: 3/4"=1'-0"	DWG. No: 11002-201	
APPR. BY: L. JOHNSON	W.O. No: 11002201	SHEET No: 5 OF 5	
CUST. PO No:		REV: 2	

TITLE: VIEWS C-C/D-D

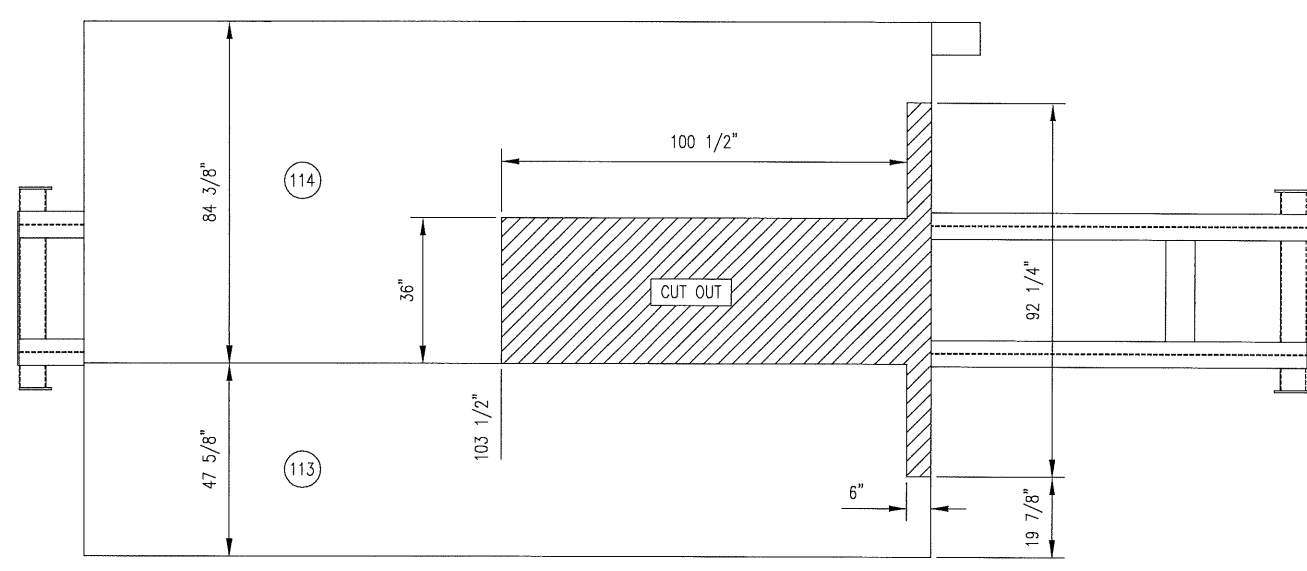
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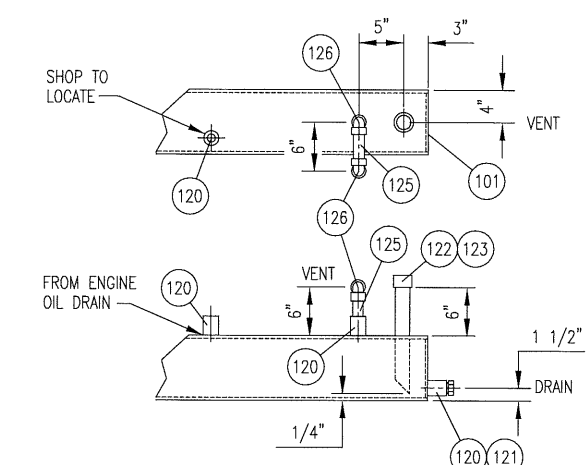
PLAN VIEW



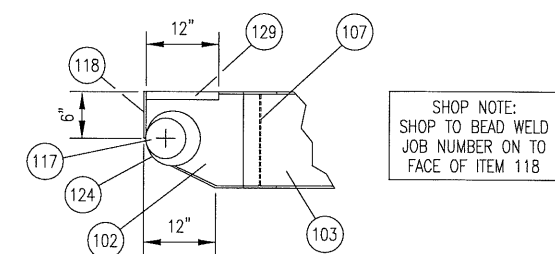
COOLER SUPPORT BASE



CHECKER PLATE DETAIL



WING TANK DETAIL  
NOT TO SCALE

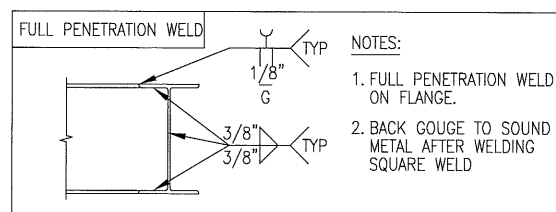


DRAG BAR DETAIL  
NOT TO SCALE

SHOP NOTE:  
SHOP TO BEAD WELD JOB NUMBER ON TO FACE OF ITEM 118

BILL OF MATERIAL			
ITEM	QTY	DESCRIPTION	MATERIAL
101	1	H.S.S.: 8" X 12" X 0.375" THK X 222" LG	G40.21350W
102	2	W 12 X 26 X 319" LG	G40.2150W
103	1	W 12 X 26 X 210" LG	G40.2150W
104	7	W 12 X 26 X 42 1/8" LG	G40.2150W
105	7	W 12 X 26 X 31 1/4" LG	G40.2150W
106	2	W 12 X 26 X 39 3/4" LG	G40.2150W
107	6	W 12 X 26 X 46 3/4" LG	G40.2150W
108	1	PLATE: 3/16" THK 13" X 25" LG	SA-36
109	1	PLATE: 3/8" THK X 7" X 25" LG.	G40.2144W
110	1	W 6 X 15 X 16 5/8" LG	G40.2150W
111	2	W 12 X 26 X 88 3/4" LG	G40.2150W
112	2	W 12 X 26 X 63 3/4" LG	G40.2150W
113	1	CHECKER PLATE: 3/16" THK 48" X 210" LG	SA-36
114	1	CHECKER PLATE: 3/16" THK 84" X 210" LG	SA-36
115	1	PLATE: 3/16" THK 25" X 41" LG	SA-36
116	1	PLATE: 1/2" THK X 16 1/2" X 25" LG	G40.2144W
117	4	PLATE: 3/8" THK X 9" DIA.	G40.2144W
118	2	FLAT BAR: 3/8" THK X 6" X 33 3/4" LG.	G40.2144W
119	2	PLATE: 1/4" THK X 7 1/4" X 11 1/4" LG.	G40.2144W
120	3	COUPLING: 1"-3000# NPT	SA-105
121	1	PLUG: 1"-3000# HEX NPT	SA-105
122	1	PIPE CAP: 2"-3000# NPT	SA-234-WPB
123	1	PIPE: 2" NOM SCH STD WT X 20" LG. (CTS)	SA-106-B
124	2	PIPE: 6" NOM SCH STD WT X 50" LG.	SA-106-B
125	2	PIPE: 1" NOM SCH 80 WT X 6" LG. (C.T.S.)	SA-106-B
126	2	ELBOW: 1"-3000# 90° ELBOW NPT	SA-105
127	2	H.S.S.: 2" X 2" X 1/4" X 42 1/8" LG.	G40.2144W
128	2	H.S.S.: 2" X 2" X 1/4" X 46 3/4" LG.	G40.2144W
129	2	PIPE: 1" NOM SCH 40 X 12" LG. (CUT IN HALF)	SA-106-B
130	1	W 12 X 26 X 15 1/4" LG	G40.2150W
131	2	FLAT BAR: 1" X 1/8" THK X 37 3/4" LG.	G40.2144W
132	2	FLAT BAR: 1" X 1/8" THK X 96 1/2" LG.	G40.2144W
133	1	H.S.S.: 2" X 2" X 1/4" X 31 1/4" LG.	G40.2144W

- GENERAL NOTES:
- ALL TAIL DIMENSIONS FROM REFERENCE POINT.
  - WEIGHT OF SKID STEEL BASE: 7450 LBS  
WEIGHT OF RAISED BASES: 955 LBS  
WEIGHT OF TANKS: 1240 LBS  
TOTAL WEIGHT: 9645 LBS
  - COPE FLANGES WHERE REQUIRED.
  - ALL WELDS TO BE 1/4" FILLETS ALL AROUND, UNLESS OTHERWISE NOTED.
  - ALL CUT LENGTHS ARE EXACT TOL +0.07/-0.125" (+0 MM/-3 MM)
  - ALL BOLT HOLES ARE 3/4" (19 MM) UNLESS OTHERWISE NOTED.
  - SURFACE PREP: SANDBLAST TO SSPC-SP6.  
PRIMER: ONE COAT OF PRI-1 RED OXIDE  
PAINT: ONE COAT OF FIN-1 TPS GREY
  - FULL PENETRATION STRENGTH WELD IS REQ'D AT THESE LOCATIONS.
  - PERIMETER AND ALL PANEL JOINTS OF CHECKER PLATE ARE TO BE SEAL WELDED. SKID MEMBERS TO UNDERSIDE OF CHECKER PLATE TO BE STITCH WELDED AT 2" (50 MM) OF FILLET ON 16" (406 MM) CENTERS.



REV.	DESCRIPTION	DATE	BY	APPR.
2	AS BUILT	MAR 17/03	TM	
1	ISSUED FOR CONSTRUCTION	SEP 11/02	GWS	LJ

PERMIT TO PRACTICE STAMP  
ENGINEER STAMP

		TITLE: SKID STEEL	
DRAWN BY: GARTH SAVILOV CHKD. BY: L. JOHNSON APPR. BY: L. JOHNSON	DATE: SEP. 11, 2002 SCALE: 1/2" = 1'-0" W.O. No: 11002301	FOR: THUNDER ENERGY 200 HP BOOSTER COMPRESSOR	
CUST. PO No:		DWG. No: 11002-301	SHEET No: 2 1 OF 6