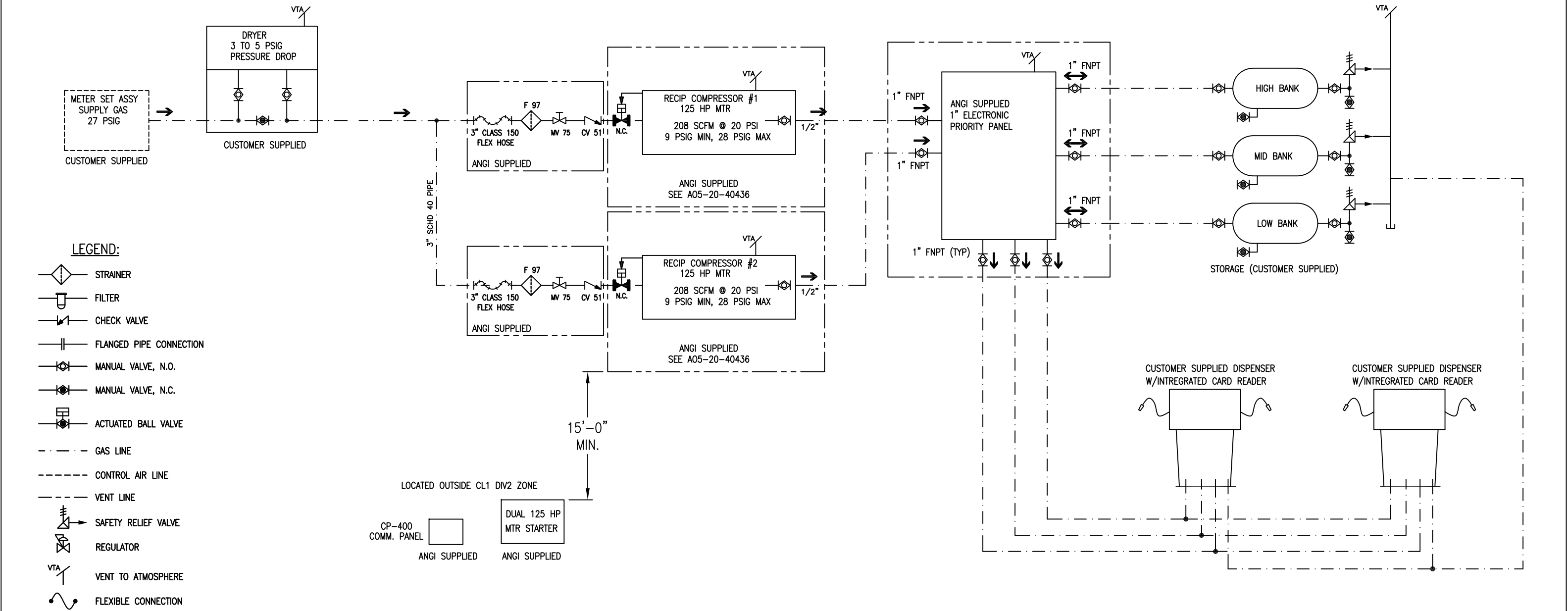


DESIGNATOR	QTY	PART NUMBER	DESCRIPTION
F 97	2	770-07385	STRAINER-BASKET TYPE 3 CL150&300
MV 75	2	334-07274	VALVE-BALL SVF 3 CL150 CS FIRE
CV 51	2	336-07261	VALVE-CHECK 3 CL150
	2	350-07260	CONN-FLEX 3x18 CL150 480#



NOTES:

- 1) ALL VENT STACKS MUST BE 10'-0" ABOVE GRADE.
- 2) EQUIPMENT RELATED TO COMPRESSION, STORAGE, OR DISPENSING INSTALLATION SHALL BE PROTECTED TO PREVENT DAMAGE FROM VEHICLES & MINIMIZE THE POSSIBILITIES OF PHYSICAL DAMAGE & VANDALISM. (2013 ADDITION OF NFPA 52, SECTION 7.4.2.9.)

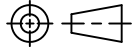
A	06/03/13 PB	SUBMITTAL			
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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ANGI ENERGY SYSTEMS
305 W DELAVAN DR
JANESVILLE, WI 53546
PH: 608-563-2800
www.angienergy.com

UNLESS OTHERWISE SPECIFIED



BREAK SHARP EDGES .005-.015

ALL DIMENSIONS IN INCHES

FRACTIONAL ±1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ± 1°

TITLE		SITE P & ID		
CUSTOMER		ZEIT ENERGY - SWN CONWAY		PROJECT NO. 40436
SHEET	1/1	SCALE	NA	DRAWING NO. A05-03-40436
DRAWN BY	PB	DATE	05/17/13	REV. A

COMPRESSOR DATA

WEIGHT: 15,000 LBS.

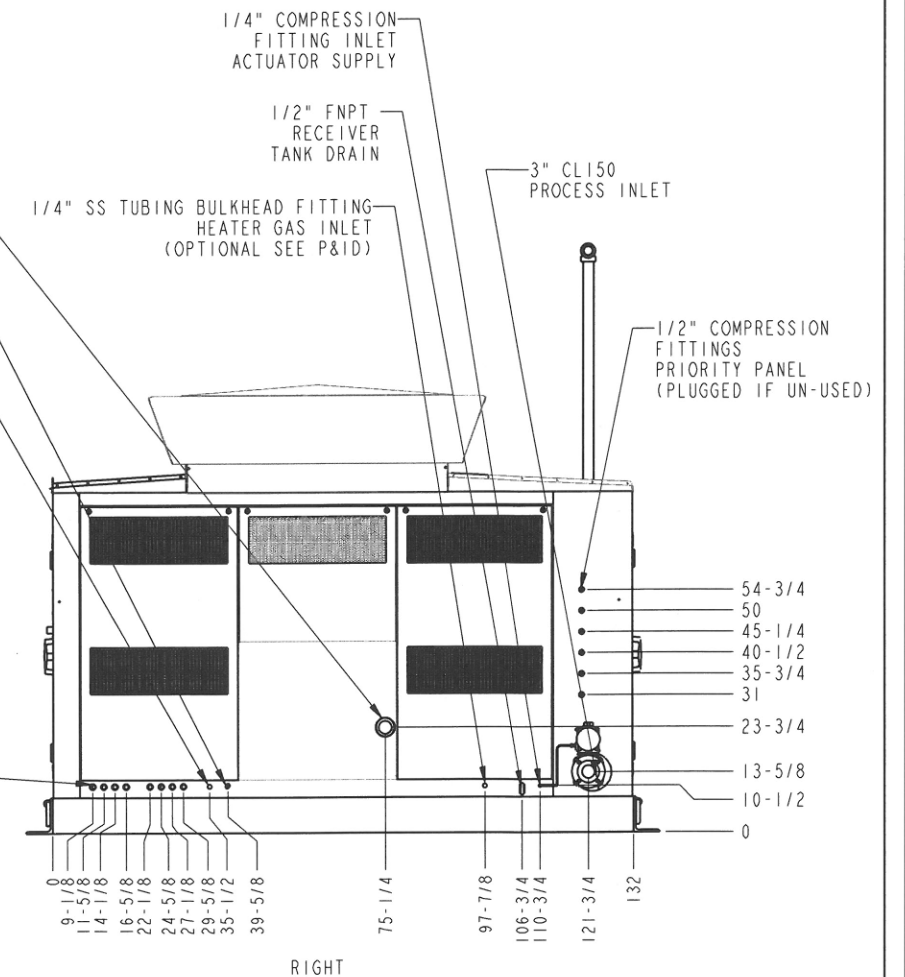
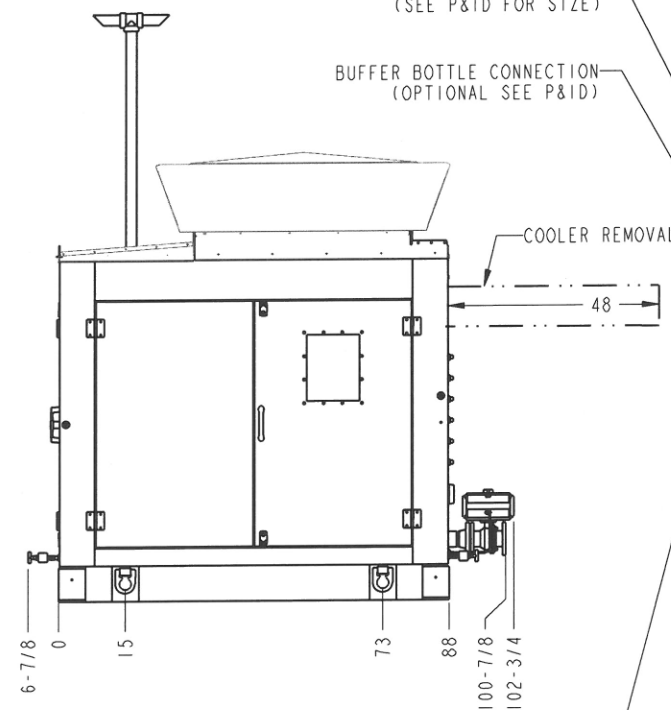
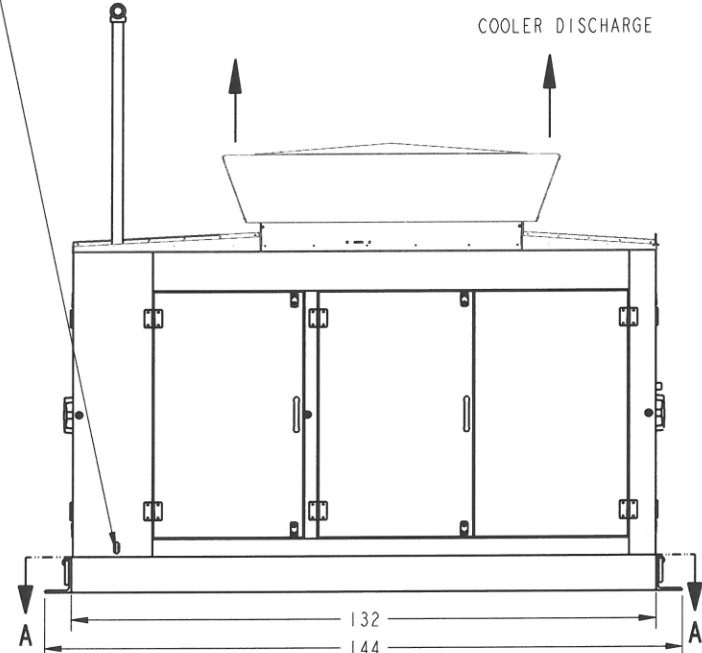
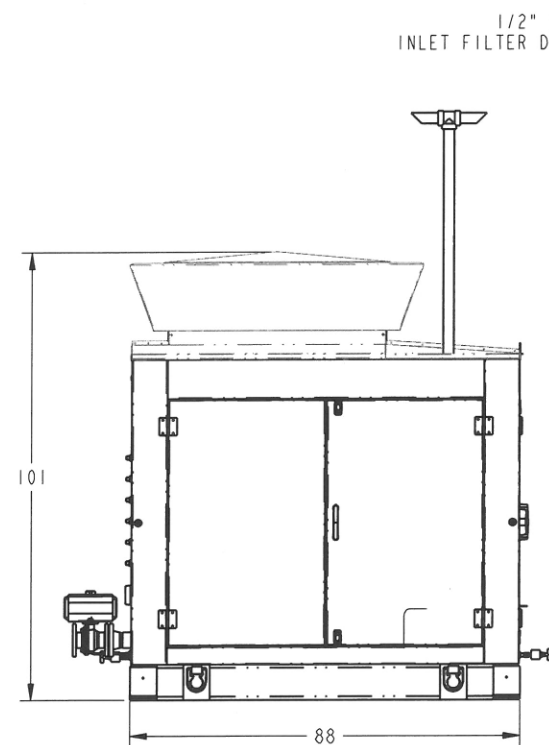
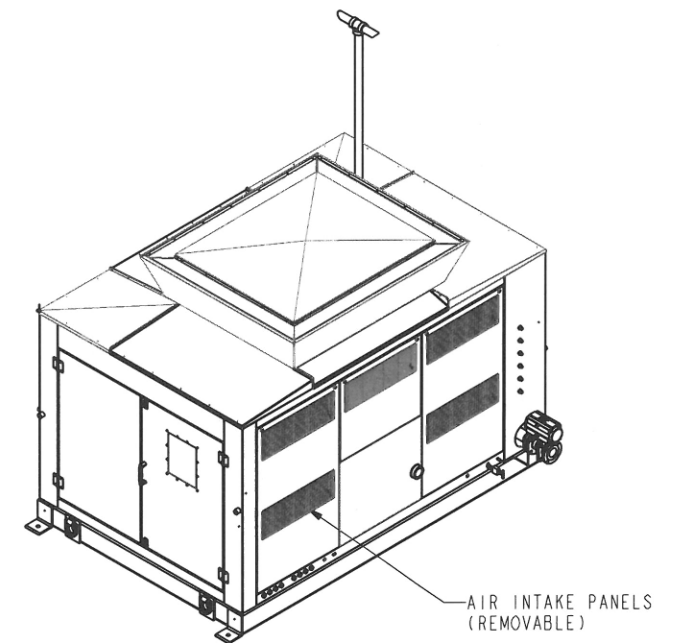
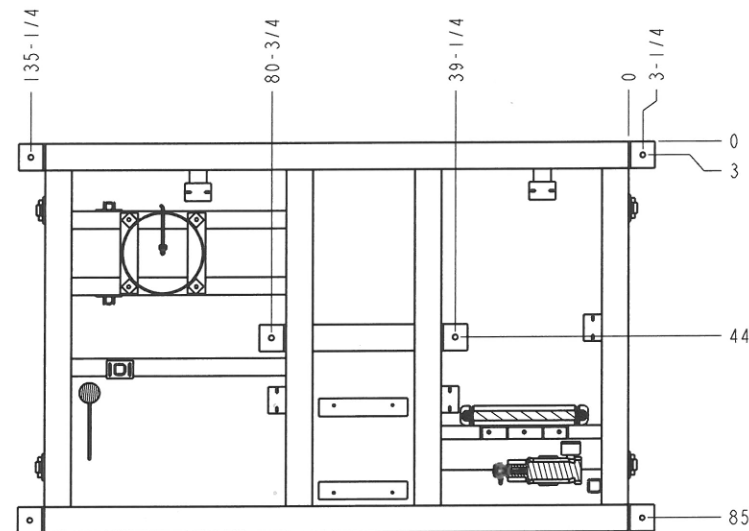
TYPE: ARIEL RECIPROCATING COMPRESSOR, CYLINDERS MAY VARY FROM THOSE SHOWN.

CLEARANCE: ALLOW 36" MINIMUM ON ALL SIDES FOR ACCESS
UNLESS OTHERWISE INDICATED.

MOUNTING: REQUIRES SIX (6) 1" DIAMETER ANCHOR BOLTS (NOT PROVIDED BY ANGI). GROUTING THE COMPRESSOR TO THE CONCRETE PAD IS NOT RECOMMENDED.

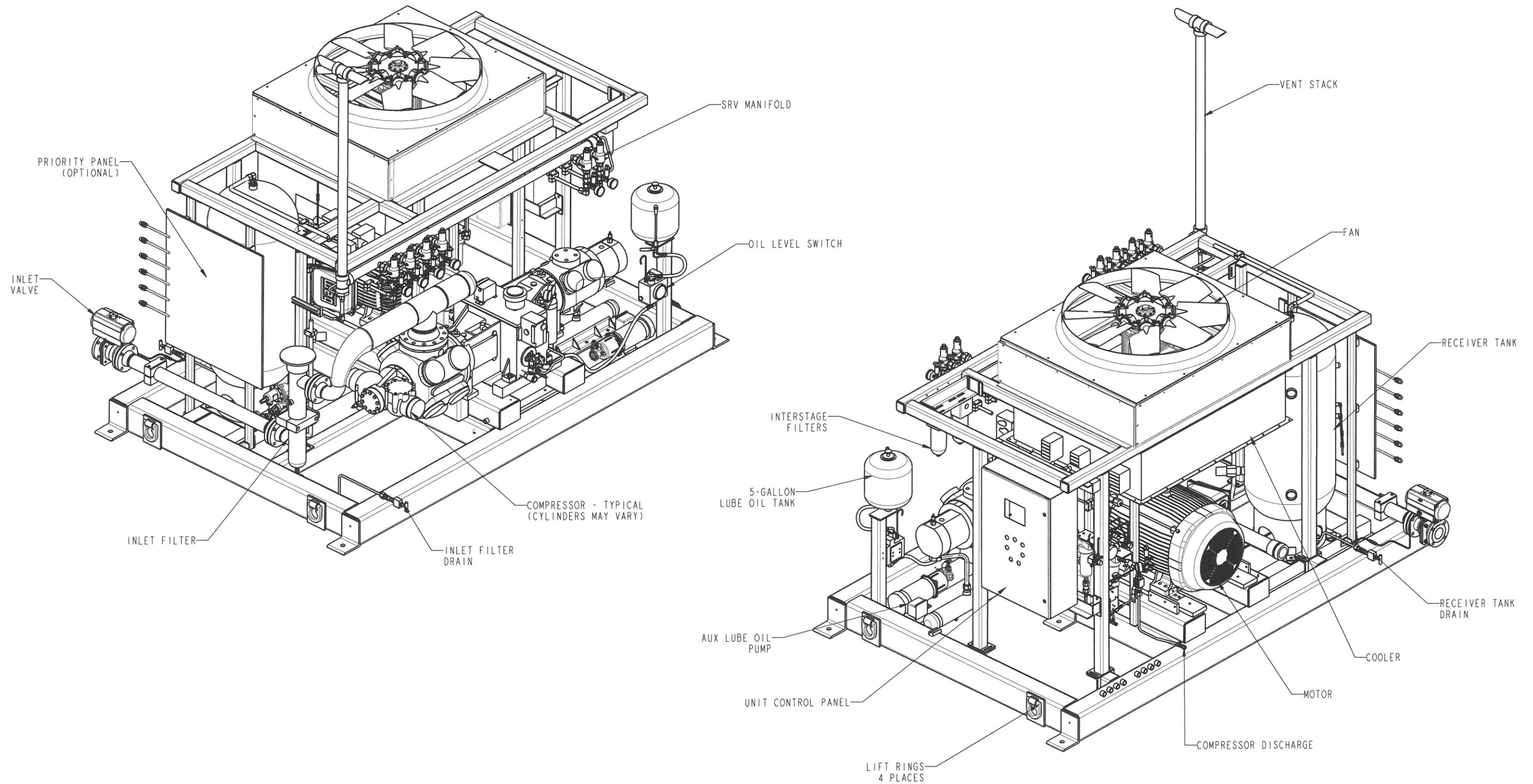
LIFTING: MINIMUM 13' SPREADER BAR IS REQUIRED.
UTILIZE FOUR (4) LIFT RINGS.

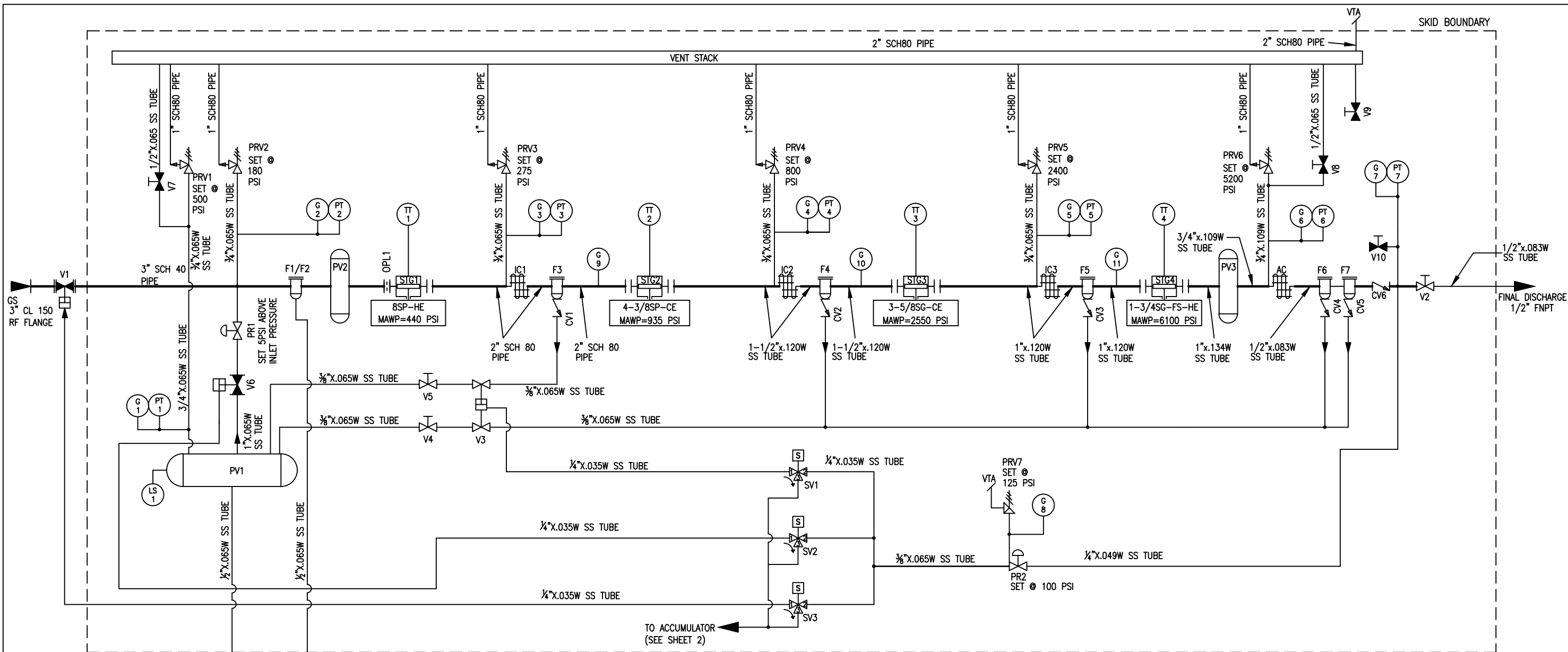
SHIPPING: VENT STACK, 3" INLET VALVE, AND
1/4" ACTUATOR TUBING ARE REMOVED FOR SHIPPING.



ELECTRICAL CONDUIT PENETRATIONS:
(8) 1" FNPT CONDUITS (C1 THRU C8)
UN-USED PENETRATIONS WILL BE PLUGGED
SEE CONDUIT MATRIX DRAWING
(IF PIT PENETRATIONS, SEE SEPERATE DRAWING)

[illegible]





V11-V12	338-07241	2	VALVE-NDL WIKA 1/2 FNPT 10,000# (MLV13)
V10	330-07281	1	VALVE-PURGE 1/4 MNPT 6000# SS (BV7)
V8	334-07284	1	VALVE-BALL MV 1/2 600# W/LOCK (MV167)
V7, V9	330-07231	2	VALVE-PURGE 1/4 FML 6000# AG (BV3)
V6	334-07470	1	VALVE/ACT-SVF 1 N.C. (MV265)
V4-V5	339-02424	2	VALVE-BALL HOKE 3/8 6000# SS (MV4)
V3	334-07533	1	VALVE/ACT-HOKE (2) 3/8 NO 6000# (MV319)
V2	334-07362	1	VALVE-BALL SVF 1/2 6000# W/LOCK (MV166)
V1	334-07504	1	VALVE/ACT-SVF 3CL150 CS (MV294)
TT1-TT4	700-08041	4	RTD ASSY-400F MAX 5700# W/TWELL (RTD14)
SV1-SV3	330-07243	3	VALVE-SOL 3WY 1/4 150# 120V NC (SV9)
PV3	B02-88-014	1	PULSATION BOTTLE, 90CU-IN, 6100# MAWP
PV2	B02-17-008	1	PULSATION BOTTLE, 1350CU-IN, 275# MAWP
PV1	944-07263	1	TANK-VERT 100GAL 600# (PV80)
PT6,PT7	410-07282	1	TRANSD-AST 0-6000# IS/UL (PT50)
DESIGNATOR		PART NUMBER	DESCRIPTION

PT5	410-07281	1	TRANSD-AST 0-3000# IS/UL (PT49)
PT2, PT3	410-07277	2	TRANSD-AST 0-300# IS/UL (PT45)
PT1,4	410-07279	2	TRANSD-AST 0-1000# IS/UL (PT47)
PRV7	331-04522	1	VALVE-RELIEF 125# 1/4 ASME CSEAL (SRV37)
PRV6	331-08052	1	VALVE-RELIEF 5200# C-ORF MERCER (SRV152)
PRV5	331-08042	1	VALVE-RELIEF 2400# C-ORF MERCER (SRV142)
PRV4	331-08026	1	VALVE-RELIEF 800# D-ORF MERCER (SRV126)
PRV3	331-08012	1	VALVE-RELIEF 275# D-ORF MERCER (SRV112)
PRV2	331-08159	1	VALVE-RELIEF 180# E-ORF MERCER (SRV251)
PRV1	331-08019	1	VALVE-RELIEF 500# E-ORF MERCER (SRV119)
PR2	500-01674	1	REG-MECO PRIMARY W/O ENV CAP15 (PR13)
PR1	991-07667	1	REG-1\"/>

G2,8	741-07240	2	GAUGE-PRES 200#/B BM PM GF WIKA (G22)
G6,7	741-07289	2	GAUGE-PRES 10000#/B BM PM GF WIKA (G57)
G5,11	741-07245	2	GAUGE-PRES 3000#/B BM PM GF WIKA (G27)
G1,9	741-07243	2	GAUGE-PRES 600#/B BM PM GF WIKA (G25)
G3	741-07241	1	GAUGE-PRES 300#/B BM PM GF WIKA (G23)
G4,10	741-07251	2	GAUGE-PRES 1000#/B BM PM GF WIKA (G33)
F7	772-07302	1	FILTER-FINITE JS3B GR4 COALESCING (F172)
F6	772-07301	1	FILTER-FINITE JS3B GR10 COALESCING (F171)
F5	772-07300	1	FILTER-FINITE JS3B COALESCING (F170)
F4	772-07303	1	FILTER-FINITE JS4C COALESCING (F173)
F3	772-07274	1	FILTER-FINITE MS8S COALESCING (F101)
F2	770-07283	1	ELEMENT-RSDL 13x30x150MESH (F52)
F1	770-07257	1	FILTER-RSDL 3 CL150 W/O ELEMENT (F38)
CV6	336-07260	1	VALVE-CHECK 1/2 FML 6000# (CV50)
CV1-CV5	336-07266	5	VALVE-CHECK 3/8 FML SS 6000# (CV55)
DESIGNATOR		PART NUMBER	DESCRIPTION

B	9/13/13	SEE ECN# 130913-05			
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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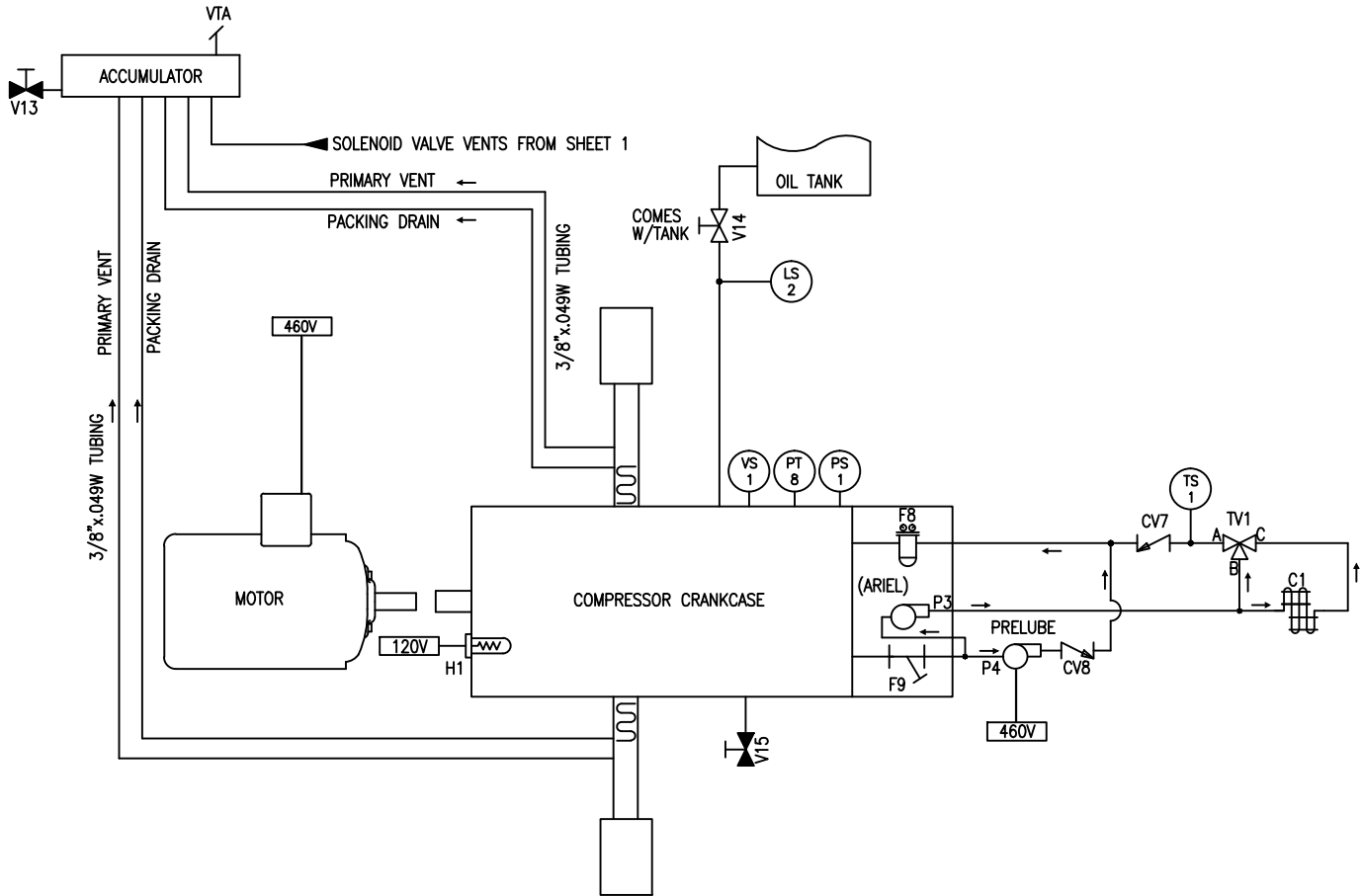
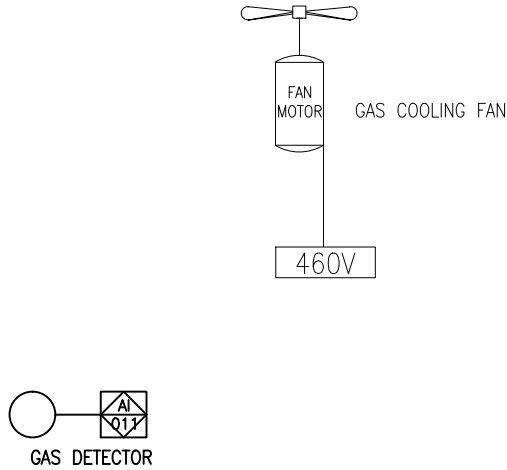
BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE 2 THROW, 4 STAGE COMPRESSOR PIPING AND INSTRUMENTATION PIPING SYSTEM					
CUSTOMER ZEIT ENERGY - SWN CONWAY			PROJECT NO. 40436		
DRN JRS	DATE 04/29/13	SCALE NA	DRAWING NO. A05-20-40436		REV. B
CHK ADM	DATE 04/29/13	SHT 1 TOT 2			

AUTOCAD WINDCHILL

LEGEND			
C	= OIL COOLER	PT	= PRESSURE TRANSDUCER
CV	= CHECK VALVE	PV	= PRESSURE VESSEL
F	= FILTER	SV	= SOLENOID VALVE
G	= PRESSURE GAUGE	T	= THERMOMETER
LS	= LEVEL SWITCH	TS	= TEMPERATURE SWITCH
N.C.	= NORMALLY CLOSED	TT	= TEMPERATURE TRANSMITTER
N.O.	= NORMALLY OPEN	TV	= THERMOSTATIC VALVE
OPL	= ORIFICE PLATE	V	= MANUAL/ACTUATED VALVE
P	= OIL PUMP	VS	= VIBRATION SWITCH
PR	= PRESSURE REGULATOR	VTA	= VENT TO ATMOSPHERE
PRV	= PRESSURE RELIEF VALVE		

-	940-07237	1	TANK-OIL RESERVOIR 5 GAL 1/2FNPT
V15	334-07264	1	VALVE-BALL 1 600# W/LKG HDL BRONZE (MV74)
V14		1	VALVE-BALL 1/2 BRONZE
V13	334-07284	1	VALVE-BALL 1/2 600# BRONZE LKG HDL (MV167)
VS1	480-07246	1	SWITCH-VIBRATION MURPHY NON-EX (VS2)
TV1	330-07232	1	VALVE-THERMOSTATIC 1 3-WAY 100°F (TV3)
TS1	480-07245	1	SWITCH-TEMP 190°F 1/2 MNPT (TS8)
PT8	410-07276	1	TRANSDUCER-PRESS AST 0-100# IS/UL (PT44)
PS1		1	PROXIMITY SWITCH - WHITLOCK (ARIEL SUPPLIED)
P4		1	PUMP-PRELUBE 1/2 FNPT TUTHILL
P3		1	PUMP-OIL ARIEL SUPPLIED
C1	150-07232	1	COOLER-OIL 8000 BTU/HR 1 FNPT (OC2)
LS2	485-07239	1	SWITCH-OIL MNT LIQUID LEVEL 9.5#MAX (LLS17)
H1	707-07241	1	HEATER-OIL 1NPT 120V 150W (CH5)
F9		1	Y-STRAINER OIL (ARIEL SUPPLIED)
F8		1	FILTER-OIL (ARIEL SUPPLIED)
CV7-CV8	336-07231	2	VALVE-CHECK 1/2 FML BRASS 200# (CV24)
DESIGNATOR	PART NUMBER	TOTAL QTY	DESCRIPTION



ANGI
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BREAK SHARP EDGES .005--.015
ALL DIMENSIONS IN INCHES

FRACTIONAL	± 1/8
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE 2 THROW, 4 STAGE COMPRESSOR PIPING AND INSTRUMENTATION LUBRICATION CIRCUIT					
CUSTOMER ZEIT ENERGY – SWN CONWAY				PROJECT NO. 40436	
DRN JRS	DATE 04/29/13	SCALE NA		DRAWING NO.	
CHK ADM	DATE 04/29/13	SHT 2	TOT 2	A05-20-40436	
					REV. B

SENSING DEVICES									
LOCATION OF DEVICE IN SYSTEM			RANGE OF DEVICE	NORMAL OPERATING	SET LOW	SET HIGH	RELIEF VALVE SETTING	START	STOP
AI001	PT2	INLET PRESSURE	0-300 PSI	11-28 PSI	9 PSI	29 PSI	180 PSI		
AI002	PT7	FINAL DISCHARGE PRESSURE	0-6000 PSI	4545 PSI	-100 PSI	4800 PSI	-	3600 PSI	4500 PSI
AI003	PT8	COMP OIL PRESSURE	0-100 PSI	60 PSI	35 PSI	100 PSI	-		
AI004	PT1	RECEIVER TANK PRESSURE	0-1000 PSI	25-329 PSI	-100 PSI	450 PSI	500 PSI		
AI005	PT3	1ST STG DISCHARGE PRESSURE	0-300 PSI	82-143 PSI	-100 PSI	250 PSI	275 PSI		
AI006	PT4	2ND STG DISCHARGE PRESSURE	0-1000 PSI	292-432 PSI	-100 PSI	720 PSI	800 PSI		
AI007	PT5	3RD STG DISCHARGE PRESSURE	0-3000 PSI	1068-1409 PSI	-100 PSI	2160 PSI	2400 PSI		
AI008	PT6	4TH STG DISCHARGE PRESSURE	0-6000 PSI	4545 PSI	-100 PSI	4800 PSI	5200 PSI		
		SPARE	N/A	-	-	-			
		CONTROL AIR PRESSURE	N/A	-	-	-			
AI011		GAS DETECTOR	0-100 %LEL	0 - 5% LEL	-4 %LEL	40 %LEL			
		LOW BANK PRESSURE	N/A	-	-	-			
		MID BANK PRESSURE	N/A	-	-	-			
		HIGH BANK PRESSURE	N/A	-	-	-			
		FINAL RTD TEMP (AFTER COOLER)	N/A	-	-	-			
AI016	TT1	1ST STAGE RTD TEMPERATURE	32-392°F	259-266°F	-30°F	316°F			
AI017	TT2	2ND STAGE RTD TEMPERATURE	32-392°F	296-313°F	-30°F	360°F			
AI018	TT3	3RD STAGE RTD TEMPERATURE	32-392°F	299-314°F	-30°F	360°F			
AI019	TT4	4TH STAGE RTD TEMPERATURE	32-392°F	294-342°F	-30°F	360°F			
		ENCLOSURE TEMPERATURE	N/A	-	-	-			
		4TH CARD OPTION (MIX902)	N/A	-	-	-			
		AMBIENT RTD TEMPERATURE	N/A	-	-	-			
		TIME FILL #1 PRESSURE	N/A	-	-	-			
		TIME FILL #2 PRESSURE	N/A	-	-	-			
		SPARE	N/A	-	-	-			
I009	LS1	RECEIVER LIQUID LEVEL	N/A	-	AT SWITCH	-			
I010	LS2	COMPRESSOR OIL LEVEL	N/A	-	SIGHT GLASS	-			
I011		COMPRESSOR OIL NO FLOW SWITCH	(3 MINUTE TIMER)	-	> 2 MINUTES	-			
I012	TS1	COMPRESSOR OIL TEMPERATURE	N/A	110°F	-	180°F			
I013	VS1	COMPRESSOR VIBRATION SWITCH	N/A	-	-	-			
I014	VS2	COMPRESSOR VIBRATION SWITCH	N/A	-	-	-			
I015		RESERVED (MASTER KEYSWITCH)	N/A	-	-	-			
I016		RESERVED (SCROLL KEYSWITCH)	N/A	-	-	-			

NOTE:
THESE SETTINGS ARE APPROXIMATE, MAY BE CHANGED OUT IN THE FIELD.

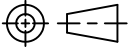
LEGEND			
AI	= ANALOG INPUT	OPL	= ORIFICE PLATE
BV	= BLEED VALVE	PR	= PRESSURE REGULATOR
CV	= CHECK VALVE	PT	= PRESSURE TRANSDUCER
F	= FILTER	PV	= PRESSURE VESSEL
G	= PRESSURE GAUGE	RTD	= RESISTIVE TEMPERATURE DEVICE
I	= DIGITAL INPUT	SRV	= SAFETY RELIEF VALVE
LLG	= LIQUID LEVEL GAUGE	SV	= SOLENOID VALVE
LLS	= LEVEL SWITCH	T	= THERMOMETER
MLV	= NEEDLE VALVE	TS	= TEMPERATURE SWITCH
MV	= MANUAL/ACTUATOR VALVE	TV	= THERMOSTATIC VALVE
N.C	= NORMAL CLOSE	VS	= VIBRATION SWITCH
N.O	= NORMAL OPEN	VTA	= VENT TO ATMOSPHERE
OC	= OIL COOLER		

*					
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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ALL DIMENSIONS IN INCHES

FRACTIONAL ±.125
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE				
ARIEL COMPRESSOR SENSING DEVICES AND SETTINGS				
CUSTOMER		ZEIT ENERGY - SWN CONWAY		PROJECT NO. 40436-01 & -02
SHEET		1/1	SCALE NA	DRAWING NO. A05-30-40436
DRAWN BY		ADM	DATE 7-22-2013	REV. -



DRAWING INDEX	
PAGE	DESCRIPTION
1	INDEX AND GENERAL INFORMATION
2	110VAC POWER DISTRIBUTION
3	24VDC POWER DISTRIBUTION
4	PLC DIGITAL/ANALOG I/O CARD #1
5	PLC DIGITAL/ANALOG I/O CARD #2
6	PLC ANALOG CARD#3
7	PLC DIGITAL/ANALOG I/O CARD #4
8	COMPONENT WIRING DETAILS – PLC POWER & COMMUNICATIONS
9	LIGHTING/GAS DETECTOR BEACON INTERCONNECT

NOTE: ALL ELECTRICAL CONNECTION MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO NEC FOR MORE INFORMATION.

FUSE #	ANGI PART NUMBER	AMPS
FU-1	440-07273	10
FU-2	440-07307	3
FU-3	440-07307	3
FU-4	440-07307	3
FU-5	440-07307	3
FU-6	440-07307	3
FU-7	440-07307	3
FU-8	440-07307	3
FU-9	440-07273	10
FU-10	440-07254	5
FU-11	440-07307	3
FU-12	440-07307	3
FU-13	440-07307	3
FU-14	440-07307	3
FU-15	440-07307	3
FU-16	440-07307	3

UL FILE AND PANEL TYPE		
X	NNNY.E328888	INDUSTRIAL CONTROL PANELS AND ASSEMBLIES FOR USE IN HAZARDOUS LOCATIONS
	NRBX.E334511	INDUSTRIAL CONTROL PANELS RELATING TO HAZARDOUS LOCATIONS
	NITW.E319535	INDUSTRIAL CONTROL PANELS
		THIRD PARTY CERTIFICATION REQUIRED
	NON CERTIFIED	NO CERTIFICATION REQUIRED / AVAILABLE

JANESVILLE, WI - USA

793-08003

JOB NUMBER 40436-01

SCHEMATIC A80-10-40436-01

PRIMARY SUPPLY AMPS 10

VOLTS 120VAC PHASE 1 HZ 60

SECONDARY SUPPLY AMPS 10

VOLTS 24VDC PHASE 1 HZ

MOTOR HP N/A FLA N/A

ENCL. TYPE 4

SHORT CIRCUIT CURRENT RATING 5KAIC

HAZARDOUS LOCATION RATING

CLASS I DIV 2 GROUP A,B,C,D

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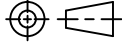
COMPRESSOR#1
CONTROL PANEL

REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES

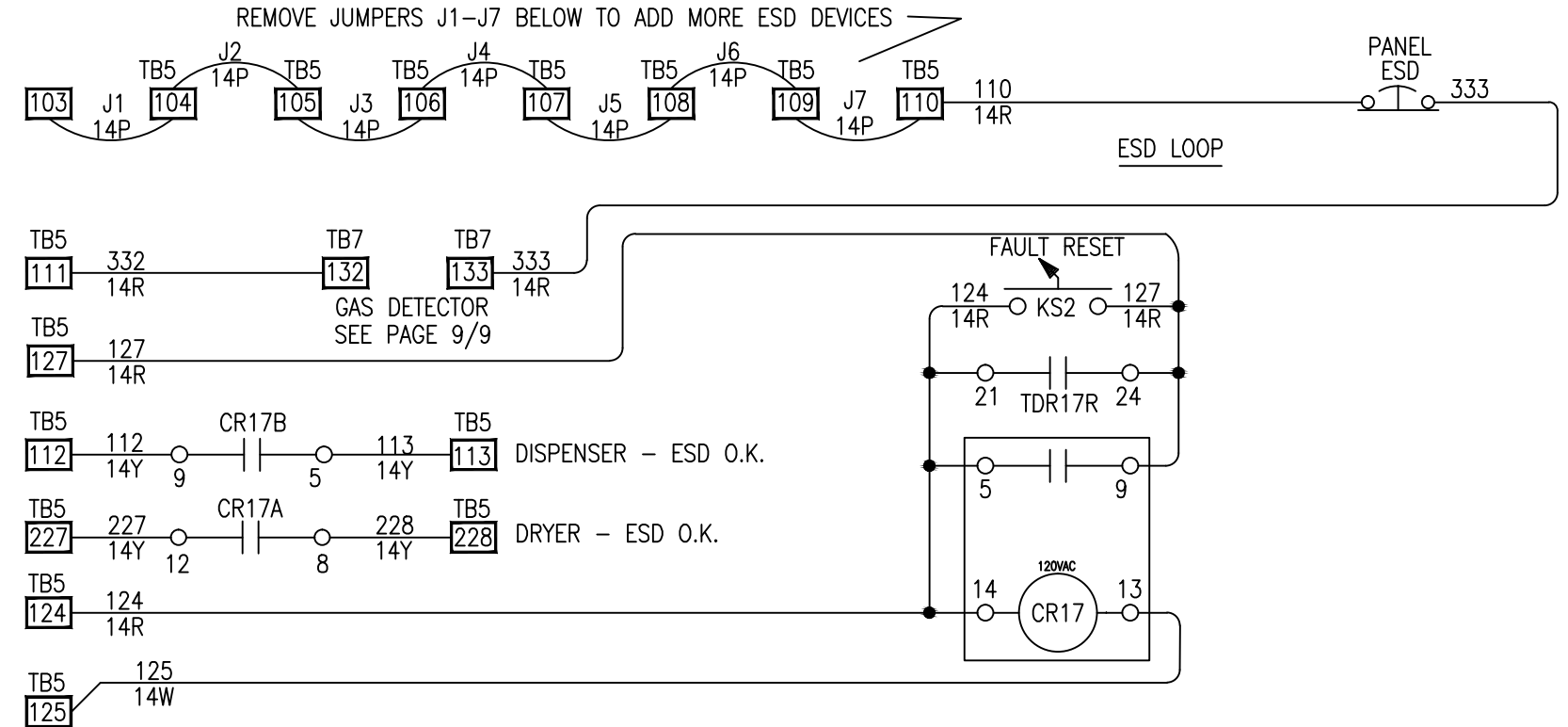
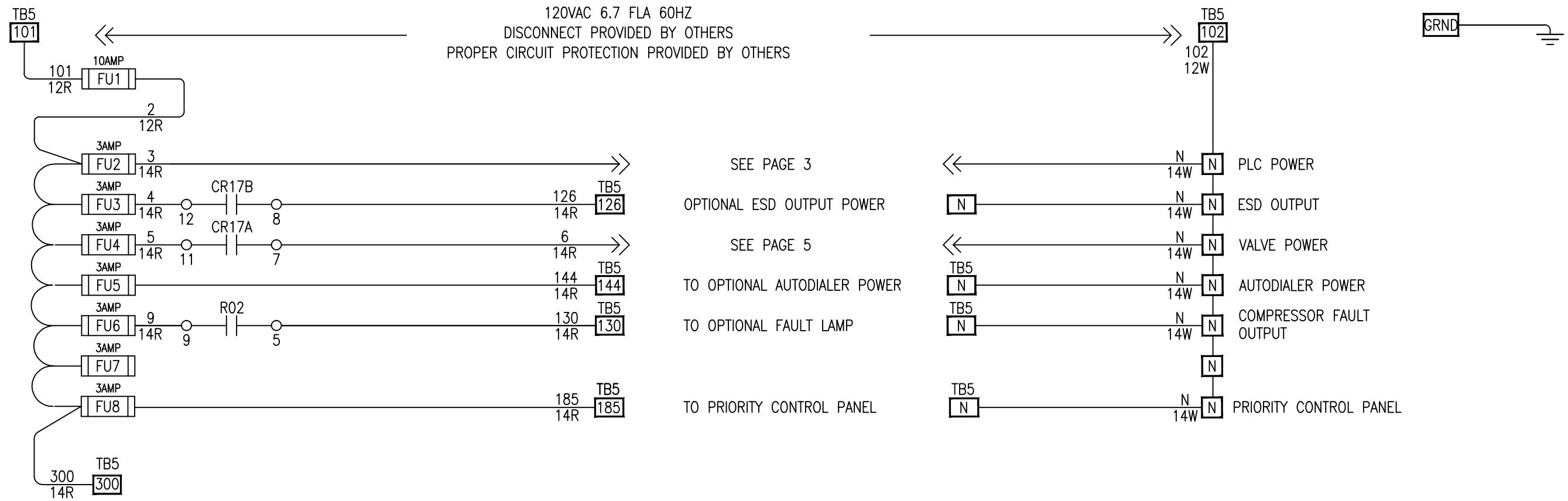
FRACTIONAL	± 1/16
TWO PLACE DECIMAL	± 0.01
THREE PLACE DECIMAL	± 0.001
ANGLES	± 1°

TITLE										NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL														
										TITLE - LINE 2														
CUSTOMER					ZEIT ENGINEERING					PROJECT NO.					40436-01									
DRN JMD		DATE 05/29/13			SCALE 1:1			DRAWING NO.							REV.									
CHK YYY		DATE MM/DD/YY			SHT 1		TOT 9																	
										A80-10-40436-01										-				

CONTROLLED DRAWING

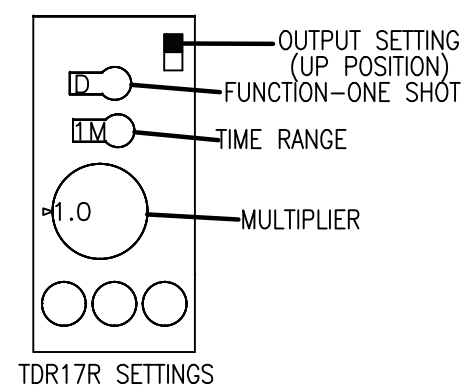
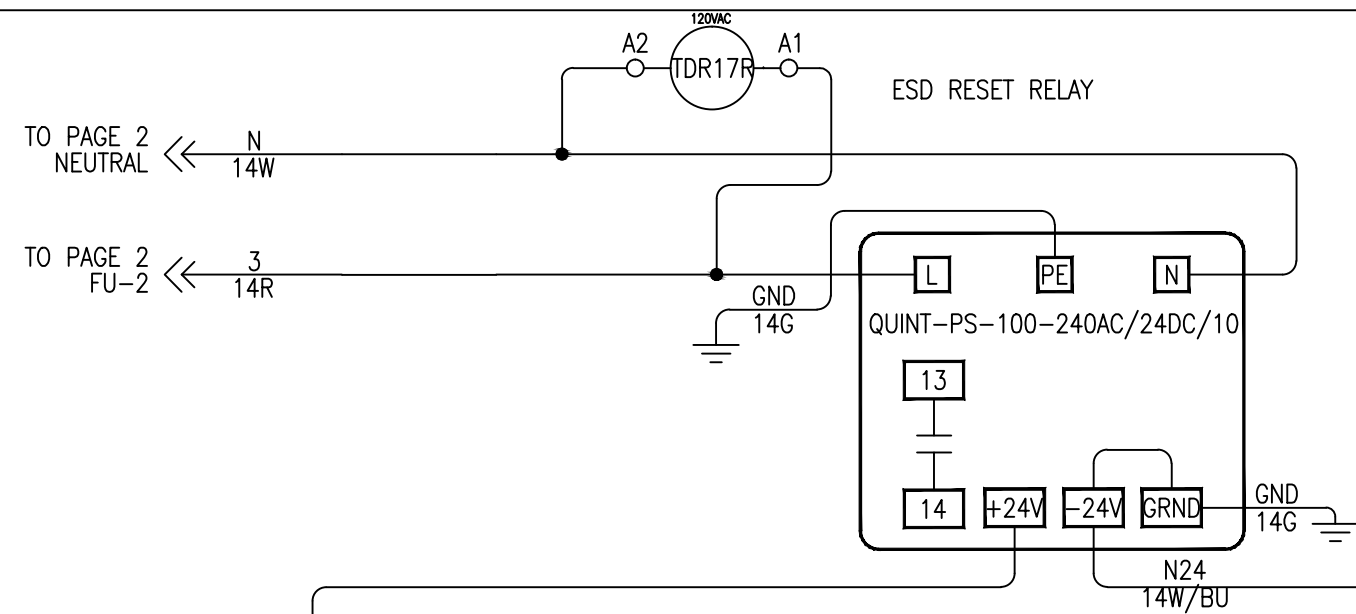
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AUTOCAD WINDCHILL

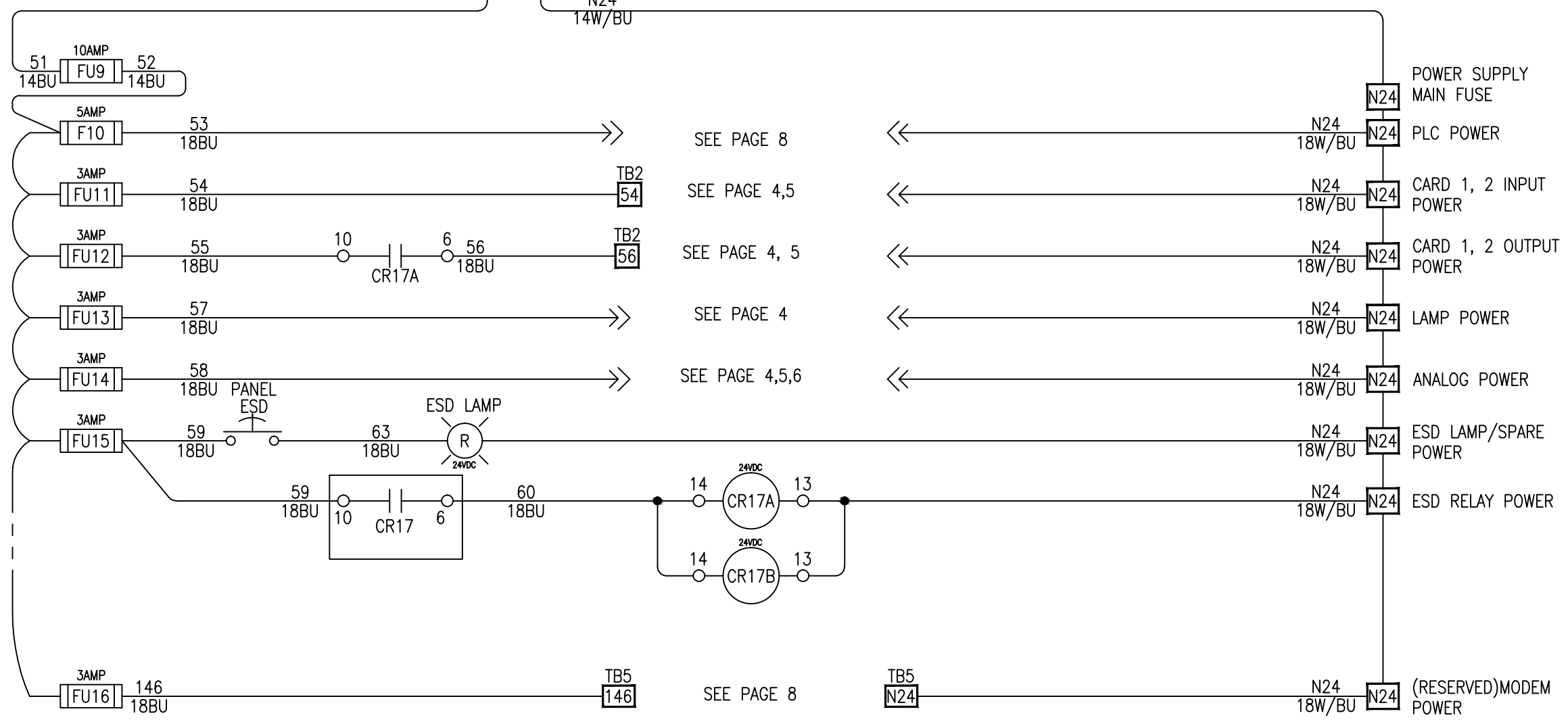


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							CUSTOMER ZEIT ENGINEERING				PROJECT NO. 40436-01				
							DRN JMD	DATE 05/29/13	SCALE 1:1	DRAWING NO. A80-10-40436-01		REV. -			
							CHK YYY	DATE MM/DD/YY	SHT 2	TOT 9					
REV	DATE/BY	DESCRIPTION			REV	DATE/BY	DESCRIPTION			AUTOCAD WINDCHILL					



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REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION

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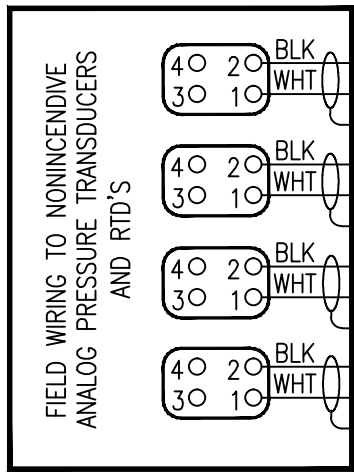
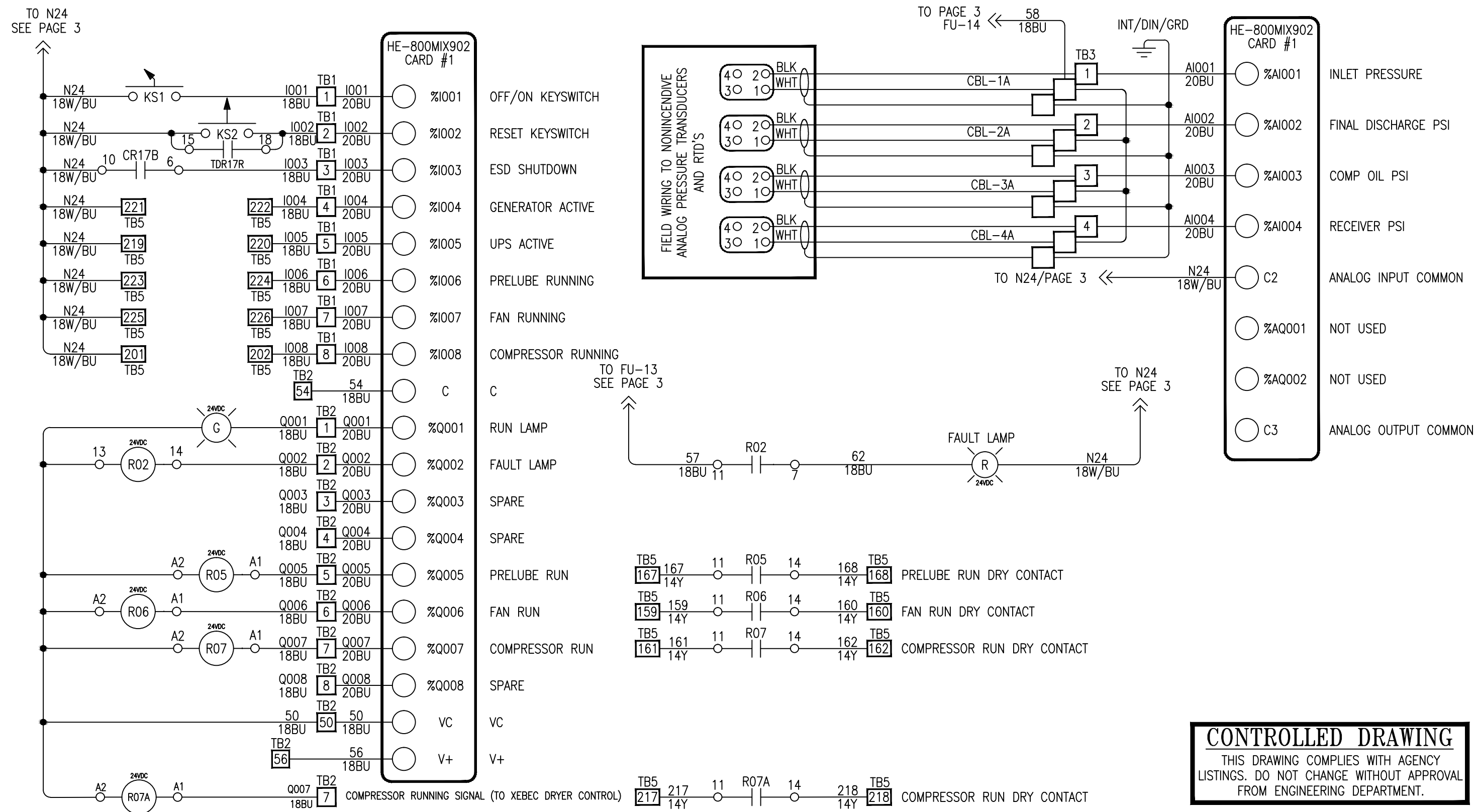
UNLESS OTHERWISE SPECIFIED

BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES

FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL TITLE - LINE 2			
CUSTOMER ZEIT ENGINEERING		PROJECT NO. 40436-01	
DRN JMD	DATE 05/29/13	SCALE 1:1	DRAWING NO. A80-10-40436-01
CHK YYY	DATE MM/DD/YY	SHT 3	TOT 9
REV.			-

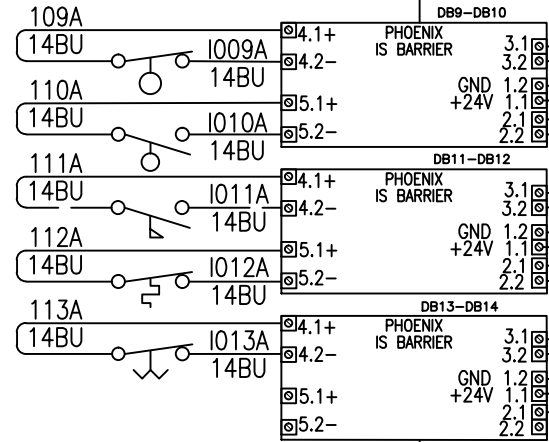
AUTOCAD WINDCHILL



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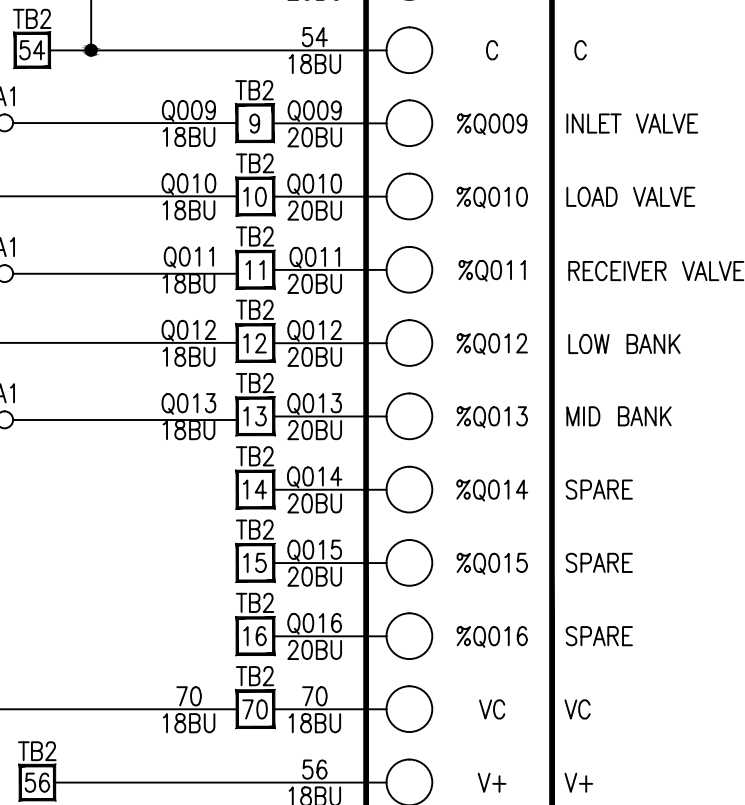
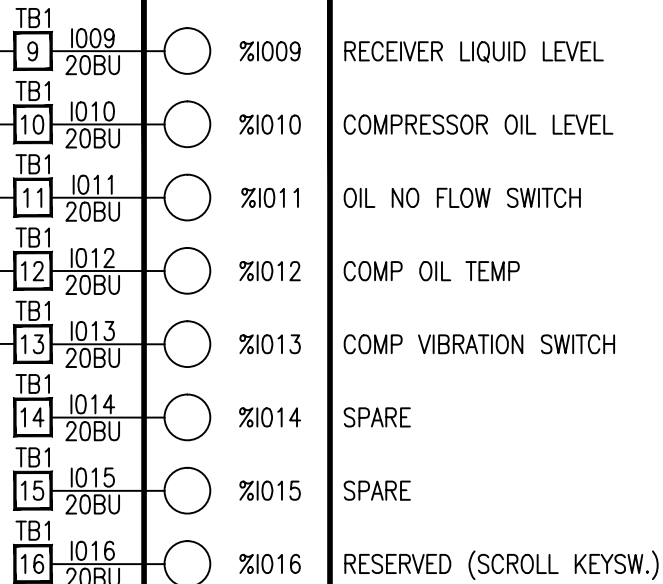
						 ANGI ENERGY SYSTEMS 305 W DELAVAN DR JANESVILLE, WI 53546 PH: 608-563-2800 www.angienergy.com	UNLESS OTHERWISE SPECIFIED  BREAK SHARP EDGES .005-.015 ALL DIMENSIONS IN INCHES FRACTIONAL ± 1/8 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005 ANGLES ±1°	TITLE NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL TITLE - LINE 2							
								CUSTOMER ZEIT ENGINEERING			PROJECT NO. 40436-01				
								DRN JMD	DATE 05/29/13	SCALE 1:1		DRAWING NO. A80-10-40436-01		REV. -	
								CHK YYY	DATE MM/DD/YY	SHT 4	TOT 9				
REV	DATE/BY	DESCRIPTION				REV	DATE/BY	DESCRIPTION				AUTOCAD WINDCHILL			

CAUTION: HAZARDOUS AREA
"INSTALL IN ACCORDANCE WITH ARTICAL
504 OF THE NATIONAL ELECTRIC CODE"
MAXIMUM END TO END RESISTANCE
MUST NOT EXCEED 327Ω

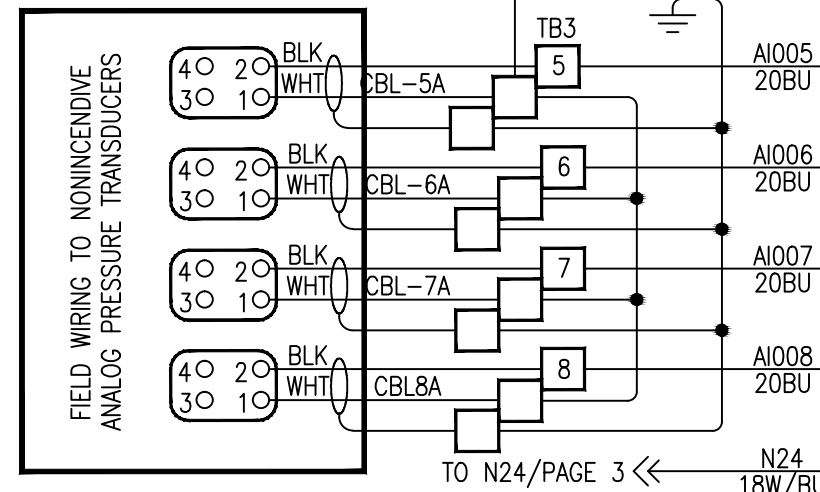


N24 TO N24
18W/BU SEE SHEET 3

HE-800MIX902
CARD #2

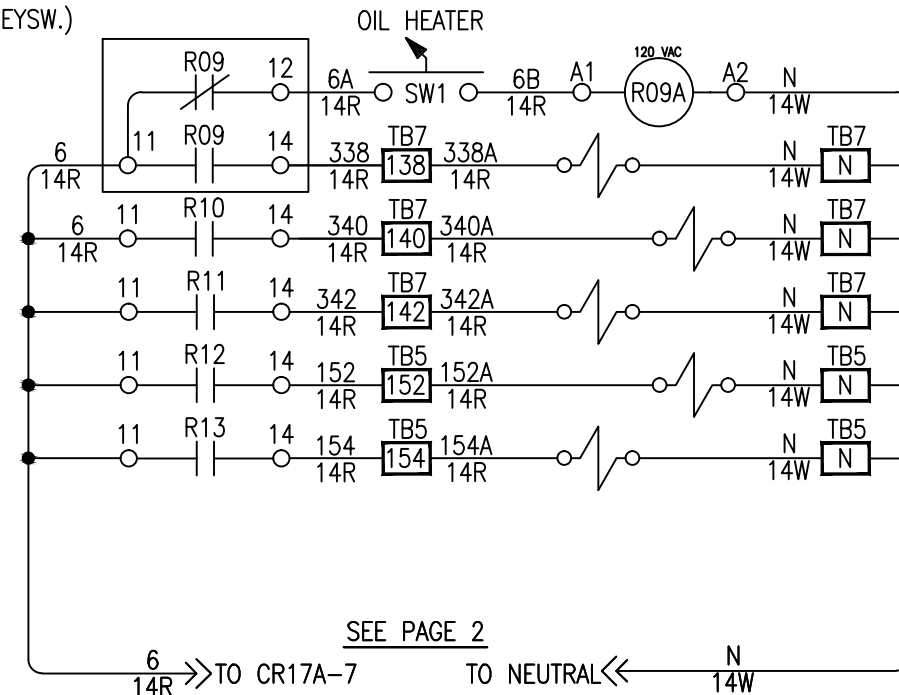
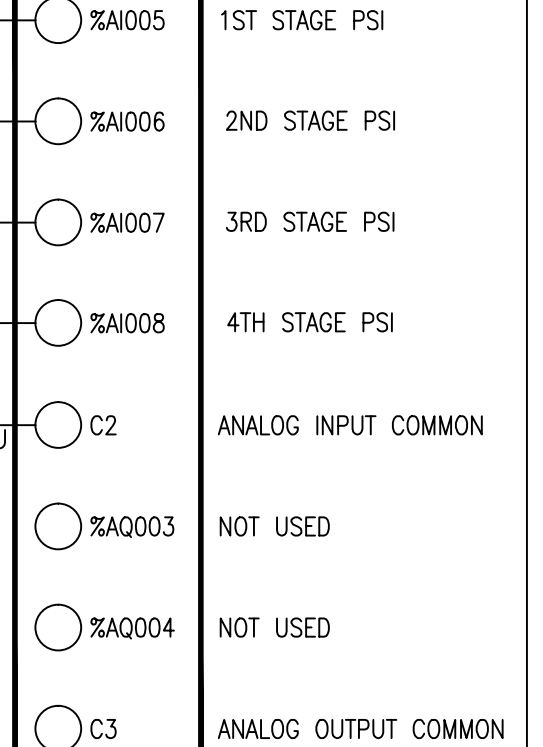


TO FU14 SEE PAGE 3 ← 58 18BU
INT/DIN/GRD



TO N24/PAGE 3 ← N24 18W/BU

HE-800MIX902
CARD #2



SEE PAGE 2

6 14R TO CR17A-7 TO NEUTRAL N 14W

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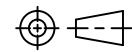
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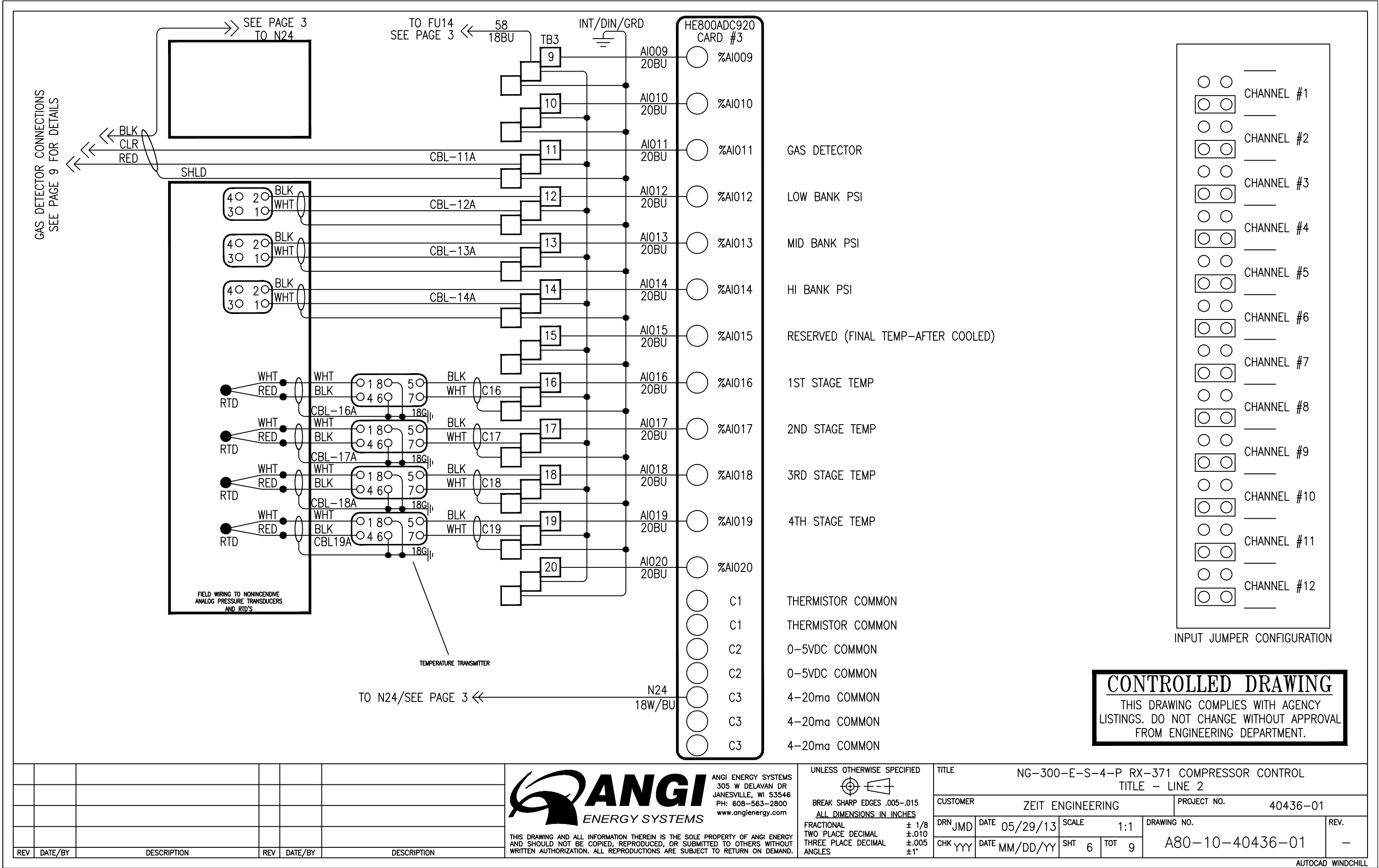


BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES

FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL TITLE - LINE 2					
CUSTOMER ZEIT ENGINEERING			PROJECT NO. 40436-01		
DRN JMD	DATE 05/29/13	SCALE 1:1	DRAWING NO. A80-10-40436-01		REV. -
CHK YYY	DATE MM/DD/YY	SHT 5 TOT 9			

AUTOCAD WINDCHILL



REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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ANGLES ±1°

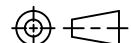
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TITLE - LINE 2			
CUSTOMER		ZEIT ENGINEERING	
PROJECT NO.		40436-01	
DRN JMD	DATE 05/29/13	SCALE 1:1	DRAWING NO.
CHK YYY	DATE MM/DD/YY	SHT 6 TOT 9	A80-10-40436-01

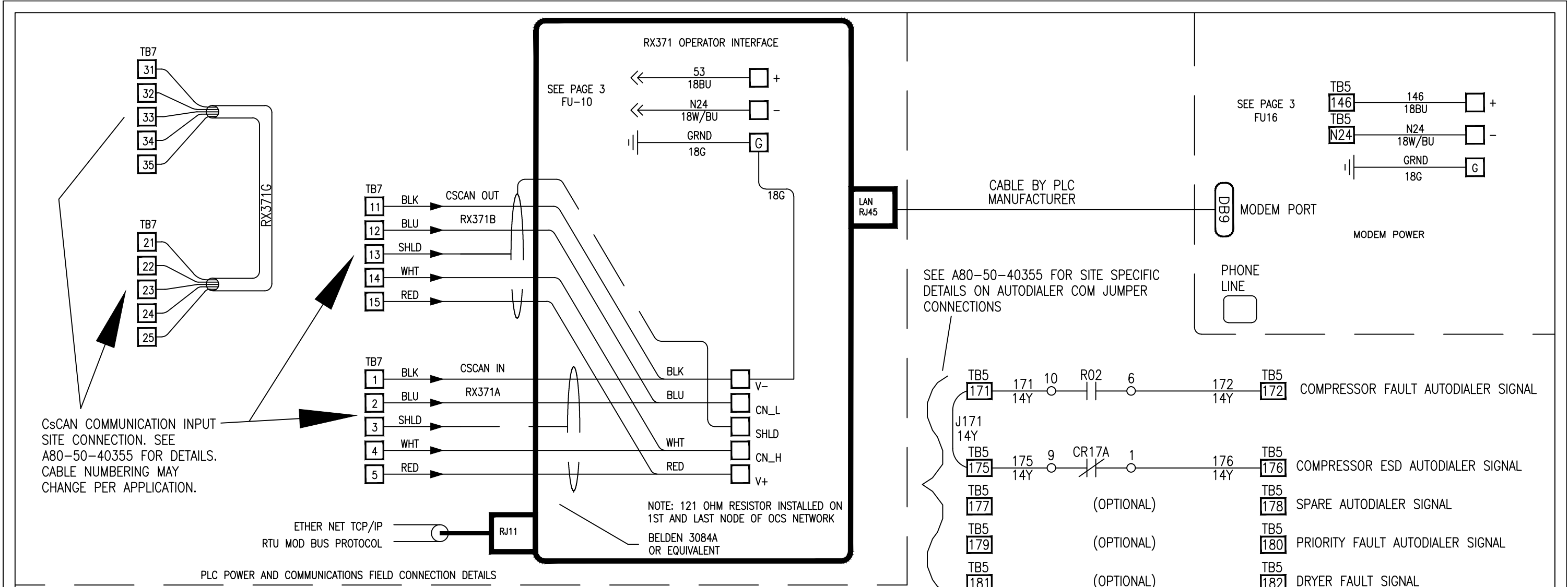
REV.

RESERVED FOR 4TH CARD

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							CUSTOMER ZEIT ENGINEERING		PROJECT NO. 40436-01			
							DRN JMD	DATE 05/29/13	SCALE 1:1	DRAWING NO. A80-10-40436-01	REV. -	
							CHK YYY	DATE MM/DD/YY	SHT 7	TOT 9		
REV	DATE/BY	DESCRIPTION			REV		DATE/BY	DESCRIPTION				



REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION

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BREAK SHARP EDGES .005-.015

ALL DIMENSIONS IN INCHES

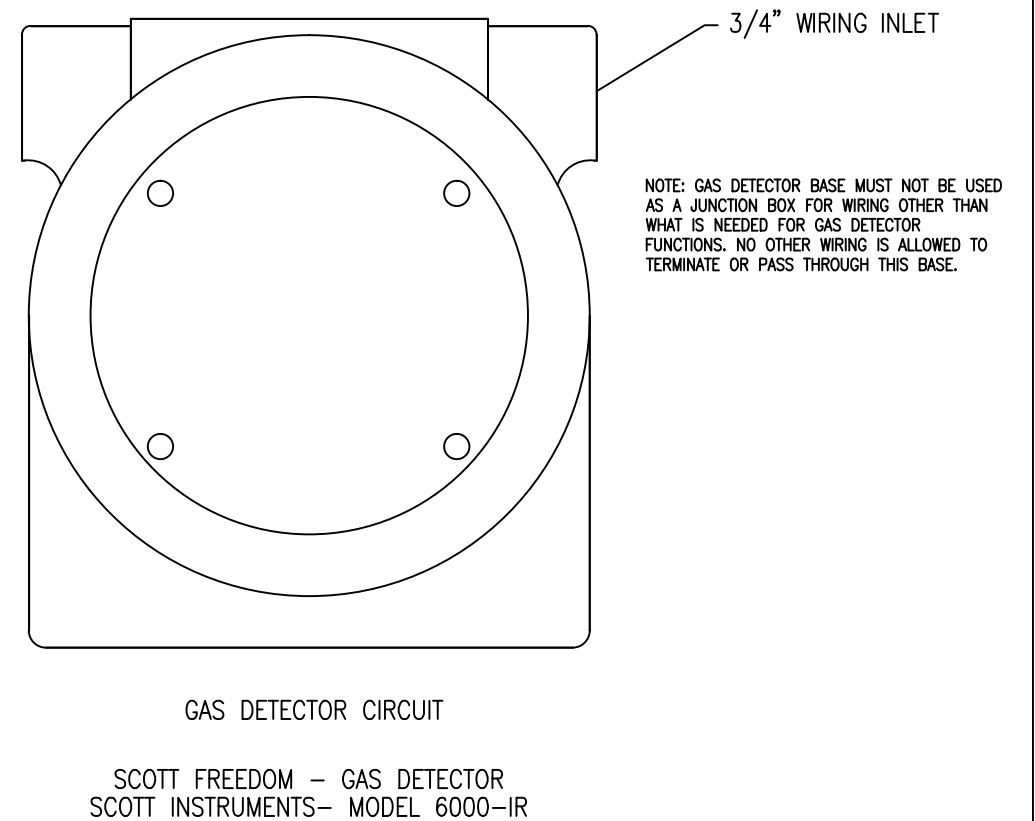
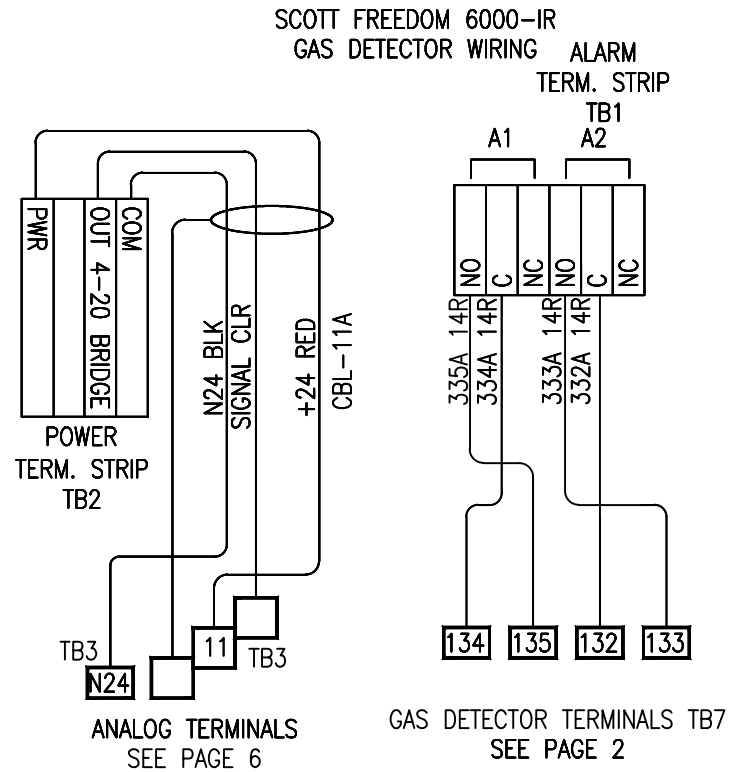
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL
TITLE - LINE 2

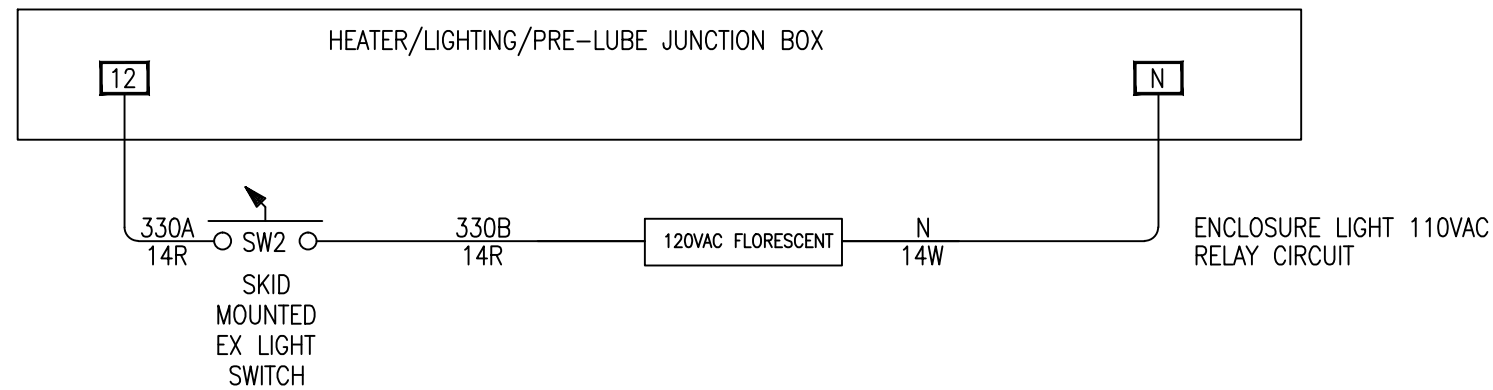
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DRN JMD DATE 05/29/13 SCALE 1:1 DRAWING NO. A80-10-40436-01 REV. -

CHK YYY DATE MM/DD/YY SHT 8 TOT 9



GAS DETECTOR WIRING DETAILS
(OPTIONAL)



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UNLESS OTHERWISE SPECIFIED						TITLE NG-300-E-S-4-P RX-371 COMPRESSOR CONTROL TITLE - LINE 2					
BREAK SHARP EDGES .005-.015 ALL DIMENSIONS IN INCHES						CUSTOMER ZEIT ENGINEERING			PROJECT NO. 40436-01		
FRACTIONAL TWO PLACE DECIMAL THREE PLACE DECIMAL ANGLES		± 1/8 ±.010 ±.005 ±1°		DRN JMD		DATE 05/29/13		SCALE 1:1		DRAWING NO. A80-10-40436-01	
CHK YYY		DATE MM/DD/YY		SHT 9		TOT 9		REV. -		AUTOCAD WINDCHILL	

ANGI

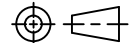
ENERGY SYSTEMS

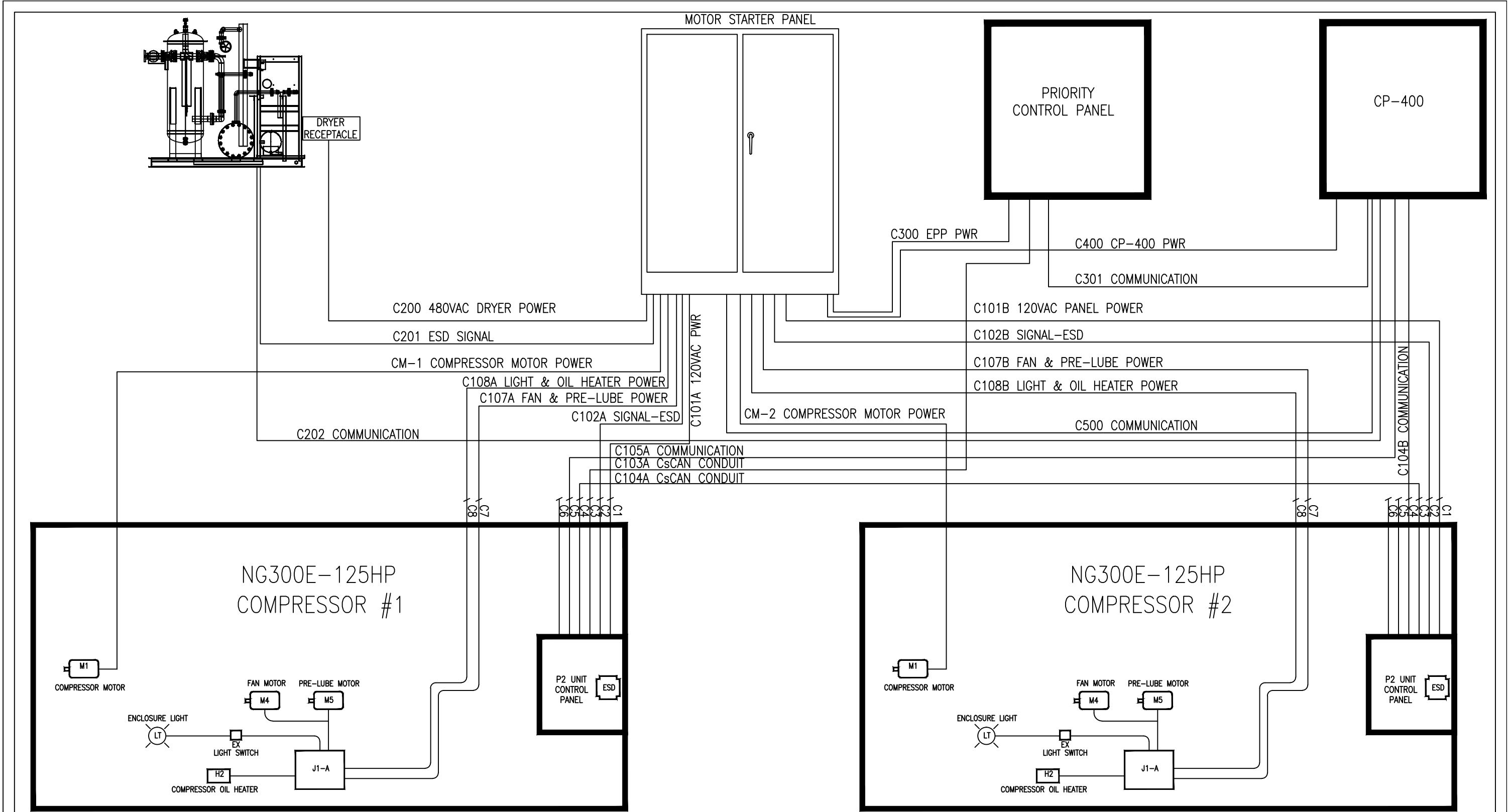
JANESVILLE, WI - USA

DRAWING INDEX	
PAGE	DESCRIPTION
1	INDEX AND GENERAL INFORMATION
2	CONDUIT LAYOUT
3	C101A, C102A
4	C103A, C104A, C105A, C107A, C108A, CM1
5	C101B, C102B, C104B
6	C107B, C108B, CM2
7	C200, C201, C202, C300, C301
8	C400, C500
9	COMP 1 INTERCONNECT DIAGRAM
10	COMP 1 INTERCONNECT DIAGRAM
11	COMP 2 INTERCONNECT DIAGRAM
12	COMP 2 INTERCONNECT DIAGRAM
13	ETHERNET WIRING DIAGRAM
14	CsCAN WIRING DIAGRAM

CONDUIT LAYOUT

NOTE: ALL ELECTRICAL CONNECTION MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO NEC FOR MORE INFORMATION.

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							CUSTOMER ZEIT ENGINEERING		PROJECT NO. 40436					
							DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO.		REV.		
							CHK YYY	DATE MM/DD/YY	SHT 1	TOT 14	A80-50-40436		-	
REV	DATE/BY	DESCRIPTION			REV		DATE/BY	DESCRIPTION						

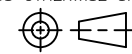


REV	DATE/BY	DESCRIPTION		REV	DATE/BY



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BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES

FRACTIONAL	± 1/8
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

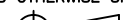
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CUSTOMER		ZEIT ENGINEERING		PROJECT NO. 40436	
DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO.		REV.
CHK YYY	DATE MM/DD/YY	SHT 2	TOT 14	A80-50-40436	-

AUTOCAD WINDCHILL

CONDUIT #		C101A	CONDUIT DIAM.		1"	DESC.	COMPRESSOR PANEL POWER
WIRE #	AWG	COLOR	START		END		NOTES:
101-1	#12	RED	MSP	H1	CCP#1	TB5 - 101	CCP #1 120VAC POWER
102-1	#12	WHT	MSP	N1	CCP#1	TB5 - 102	CCP #1 120VAC COMMON
GND	#12	GRN	MSP	GND	CCP#1	GND	GROUND LUG CONNECTIONS

CONDUIT #		C102A	CONDUIT DIAM.		1"	DESC.	SIGNAL - ESD
WIRE #	AWG	COLOR	START		END		NOTES:
223	#14	BLU	CCP#1	TB5 - 223	MSP	223A	PRELUBE MOTOR RUNNING
224	#14	BLU/WHT	CCP#1	TB5 - 224	MSP	224A	PRELUBE MOTOR RUNNING
225	#14	BLU	CCP#1	TB5 - 225	MSP	225A	FAN MOTOR RUNNING
226	#14	BLU/WHT	CCP#1	TB5 - 226	MSP	226A	FAN MOTOR RUNNING
201	#14	BLU	CCP#1	TB5 - 201	MSP	201A	COMPRESSOR RUNNING
202	#14	BLU/WHT	CCP#1	TB5 - 202	MSP	202A	COMPRESSOR RUNNING
167	#14	RED	CCP#1	TB5 - 167	MSP	167A	PRELUBE MOTOR RUN DRY CONTACT
168	#14	RED	CCP#1	TB5 - 168	MSP	168A	PRELUBE MOTOR RUN DRY CONTACT
159	#14	RED	CCP#1	TB5 - 159	MSP	159A	FAN MOTOR RUN DRY CONTACT
160	#14	RED	CCP#1	TB5 - 160	MSP	160A	FAN MOTOR RUN DRY CONTACT
161	#14	RED	CCP#1	TB5 - 161	MSP	161A	COMPRESSOR MOTOR RUN DRY CONTACT
162	#14	RED	CCP#1	TB5 - 162	MSP	162A	COMPRESSOR MOTOR RUN DRY CONTACT
128	#14	RED	CCP#1	TB5 - 128	MSP	128A	OIL HEATER RUN DRY CONTACT
129	#14	RED	CCP#1	TB5 - 129	MSP	129A	OIL HEATER RUN DRY CONTACT
103A	#14	-	CCP#1	TB5 - 103	MSP	TB5 - 103	ESD POWER OUT
111A	#14	-	CCP#1	TB5 - 111	MSP	TB5 - 104	ESD OUT
103A	#14	-	CCP#1	TB5 - 127	MSP	TB5 - 127	ESD RESET INPUT
124A	#14	-	CCP#1	TB5 - 124	MSP	TB5 - 124	ESD RELAY POWER OUTPUT
125A	#14	-	CCP#1	TB5 - 125	MSP	TB5 - 125	NEUTRAL ESD OUTPUT

NOTE: ALL ELECTRICAL CONNECTION MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO NEC FOR MORE INFORMATION.

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									CONDUIT LAYOUT TITLE - LINE 2														
							BREAK SHARP EDGES .005-.015 ALL DIMENSIONS IN INCHES		CUSTOMER					ZEIT ENGINEERING					PROJECT NO. 40436				
							FRACTIONAL ± 1/8 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005 ANGLES ±1°		DRN	JMD	DATE	5/29/13	SCALE	1:1	DRAWING NO.					REV.			
									CHK	YYY	DATE	MM/DD/YY	SHT	3	TOT	14	A80-50-40436					-	
REV	DATE/BY	DESCRIPTION				REV	DATE/BY	DESCRIPTION															

NOTE: ALL ELECTRICAL CONNECTION MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO NEC FOR MORE INFORMATION.

CONDUIT #		C101B	CONDUIT DIAM.		1"	DESC.	COMPRESSOR PANEL POWER
WIRE #	AWG	COLOR	START		END	NOTES:	
101-1	#12	RED	MSP	H1	CCP#2	TB5 - 101	CCP #1 120VAC POWER
102-1	#12	WHT	MSP	N1	CCP#2	TB5 - 102	CCP #1 120VAC COMMON
GND	#12	GRN	MSP	GND	CCP#2	GND	GROUND LUG CONNECTIONS

CONDUIT #		C102B	CONDUIT DIAM.		1"	DESC.	SIGNAL - ESD
WIRE #	AWG	COLOR	START		END	NOTES:	
223	#14	BLU	CCP#2	TB5 - 223	MSP	223A	PRELUBE MOTOR RUNNING
224	#14	BLU/WHT	CCP#2	TB5 - 224	MSP	224A	PRELUBE MOTOR RUNNING
225	#14	BLU	CCP#2	TB5 - 225	MSP	225A	FAN MOTOR RUNNING
226	#14	BLU/WHT	CCP#2	TB5 - 226	MSP	226A	FAN MOTOR RUNNING
201	#14	BLU	CCP#2	TB5 - 201	MSP	201A	COMPRESSOR RUNNING
202	#14	BLU/WHT	CCP#2	TB5 - 202	MSP	202A	COMPRESSOR RUNNING
167	#14	RED	CCP#2	TB5 - 167	MSP	167A	PRELUBE MOTOR RUN DRY CONTACT
168	#14	RED	CCP#2	TB5 - 168	MSP	168A	PRELUBE MOTOR RUN DRY CONTACT
159	#14	RED	CCP#2	TB5 - 159	MSP	159A	FAN MOTOR RUN DRY CONTACT
160	#14	RED	CCP#2	TB5 - 160	MSP	160A	FAN MOTOR RUN DRY CONTACT
161	#14	RED	CCP#2	TB5 - 161	MSP	161A	COMPRESSOR MOTOR RUN DRY CONTACT
162	#14	RED	CCP#2	TB5 - 162	MSP	162A	COMPRESSOR MOTOR RUN DRY CONTACT
128	#14	RED	CCP#2	TB5 - 128	MSP	128A	OIL HEATER RUN DRY CONTACT
129	#14	RED	CCP#2	TB5 - 129	MSP	129A	OIL HEATER RUN DRY CONTACT
103A	#14	-	CCP#2	TB5 - 103	MSP	TB5 - 103	ESD POWER OUT
111A	#14	-	CCP#2	TB5 - 111	MSP	TB5 - 104	ESD OUT
103A	#14	-	CCP#2	TB5 - 127	MSP	TB5 - 127	ESD RESET INPUT
124A	#14	-	CCP#2	TB5 - 124	MSP	TB5 - 124	ESD RELAY POWER OUTPUT
125A	#14	-	CCP#2	TB5 - 125	MSP	TB5 - 125	NEUTRAL ESD OUTPUT

CONDUIT #		C104B	CONDUIT DIAM.		1"	DESC.	CP-400 COMMUNICATION
WIRE #	AWG	COLOR	START		END	NOTES:	
512NET	CBL	-	COMP 2	SWITCH	CP-400	SWITCH	CP-400 COMMUNICATION

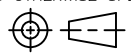
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BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES

FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE
CONDUIT LAYOUT
TITLE - LINE 2

CUSTOMER ZEIT ENGINEERING			PROJECT NO. 40436		
DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO. A80-50-40436		REV. -
CHK YYY	DATE MM/DD/YY	SHT 5	TOT 14		

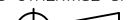
AUTOCAD WINDCHILL

CONDUIT #		C107B	CONDUIT DIAM.		1"			DESC.	FAN & PRELUBE MOTOR POWER
WIRE #	AWG	COLOR	START		END			NOTES:	
2-T1	#12	BLK	MSP	MMS2-A	J1-1		4	L1 FAN MOTOR POWER #1	
2-T2	#12	BLK	MSP	MMS2-A	J1-1		5	L2 FAN MOTOR POWER #1	
2-T3	#12	BLK	MSP	MMS2-A	J1-1		6	L3 FAN MOTOR POWER #1	
3-T1	#12	BLK	MSP	MMS1-A	J1-1		1	L1 PRE LUBE MOTOR POWER #1	
3-T2	#12	BLK	MSP	MMS1-A	J1-1		2	L2 PRE LUBE MOTOR POWER #1	
3-T3	#12	BLK	MSP	MMS1-A	J1-1		3	L3 PRE LUBE MOTOR POWER #1	

CONDUIT #		C108B	CONDUIT DIAM.		1"			DESC.	LIGHT & OIL HEATER POWER
WIRE #	AWG	COLOR	START		END			NOTES:	
12A	#14	RED	MSP	H3	J1-A		12	ENCLOSURE LIGHT 120VAC POWER	
N	#14	WHT	MSP	N3	J1-A		N	120VAC COMMON WIRE	
GND	#14	GRN	MSP	GND	J1-A		GND	GROUND	
10A	#14	RED	MSP	H4	J1-A		10	OIL HEATER 120VAC POWER	
N	#14	WHT	MSP	N4	J1-A		N	OIL HEATER NEUTRAL	

CONDUIT #		CM2	CONDUIT DIAM.		2"			DESC.	COMPRESSOR #1 MOTOR WIRING
WIRE #	AWG	COLOR	START		END			NOTES:	
1T1	2/0	BLK	MSP	3A - T1	COMP. MTR		T1	480VAC PHASE 1	
1T2	2/0	BLK	MSP	3A - T2	COMP. MTR		T2	480VAC PHASE 2	
1T3	2/0	BLK	MSP	3A - T3	COMP. MTR		T3	480VAC PHASE 3	
GND	6	BLK/GRN	MSP	GND	COMP. MTR		GND LUG	MOTOR GROUND	

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									BREAK SHARP EDGES .005-.015		ALL DIMENSIONS IN INCHES		CUSTOMER ZEIT ENGINEERING				PROJECT NO. 40436			
							FRACTIONAL TWO PLACE DECIMAL THREE PLACE DECIMAL ANGLES		± 1/8 ±.010 ±.005 ±1°		DRN JMD		DATE 5/29/13		SCALE 1:1		DRAWING NO. A80-50-40436		REV. -	
							CHK YYY		DATE MM/DD/YY		SHT 6		TOT 14							
REV	DATE/BY	DESCRIPTION				REV	DATE/BY	DESCRIPTION												

AUTOCAD WINDCHILL

CONDUIT #		C200	CONDUIT DIAM.		1 1/4"	DESC.		480VAC DRYER POWER
WIRE #	AWG	COLOR	START		END		NOTES:	
7T-1	#8	BLK	MSP	9U - 2	DRYER	L1	480VAC PHASE 1	
7T-2	#8	BLK	MSP	9U - 4	DRYER	L2	480VAC PHASE 2	
7T-3	#8	BLK	MSP	9U - 6	DRYER	L3	480VAC PHASE 3	
GND	#8	GRN	MSP	9U - GND	DRYER	GND BAR	EQUIPMENT GROUND	

CONDUIT #		C201	CONDUIT DIAM.		1"	DESC.		SIGNAL - MSP / DRYER
WIRE #	AWG	COLOR	START		END		NOTES:	
227	#14	YEL	MSP	TBD	DRYER	TB5-227	DRYER FAULT	
228	#14	WHT/YEL	MSP	TBD	DRYER	TB5-228	DRYER FAULT	
TBD	#14	YEL	MSP	TBD	DRYER	TBD	DRYER ESD	
TBD	#14	YEL	MSP	TBD	DRYER	TBD	DRYER ESD	

CONDUIT #		C202	CONDUIT DIAM.		3/4"	DESC.		CP-400 COMMUNICATION
WIRE #	AWG	COLOR	START		END		NOTES:	
518NET	CBL	-	DRYER	SWITCH	CP-400	SWITCH	COMMUNICATION	

CONDUIT #		C300	CONDUIT DIAM.		3/4"	DESC.		120VAC EPP POWER
WIRE #	AWG	COLOR	START		END		NOTES:	
-	12	RED	MSP	9U - 2	EPP	L1	120VAC	
-	12	WHT	MSP	9U - 4	EPP	L2	NEUTRAL	
GND	12	GRN	MSP	9U - GND	EPP	GND BAR	GROUND	

CONDUIT #		C301	CONDUIT DIAM.		3/4"	DESC.		CP-400 COMMUNICATION
WIRE #	AWG	COLOR	START		END		NOTES:	
516NET	CBL	-	EPP	SWITCH	CP-400	SWITCH	COMMUNICATION	

REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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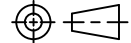
BREAK SHARP EDGES .005-.015
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/8
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE				CONDUIT LAYOUT TITLE - LINE 2			
CUSTOMER		ZEIT ENGINEERING			PROJECT NO. 40436		
DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO.		REV.		
CHK YYY	DATE MM/DD/YY	SHT 7	TOT 14	A80-50-40436		-	

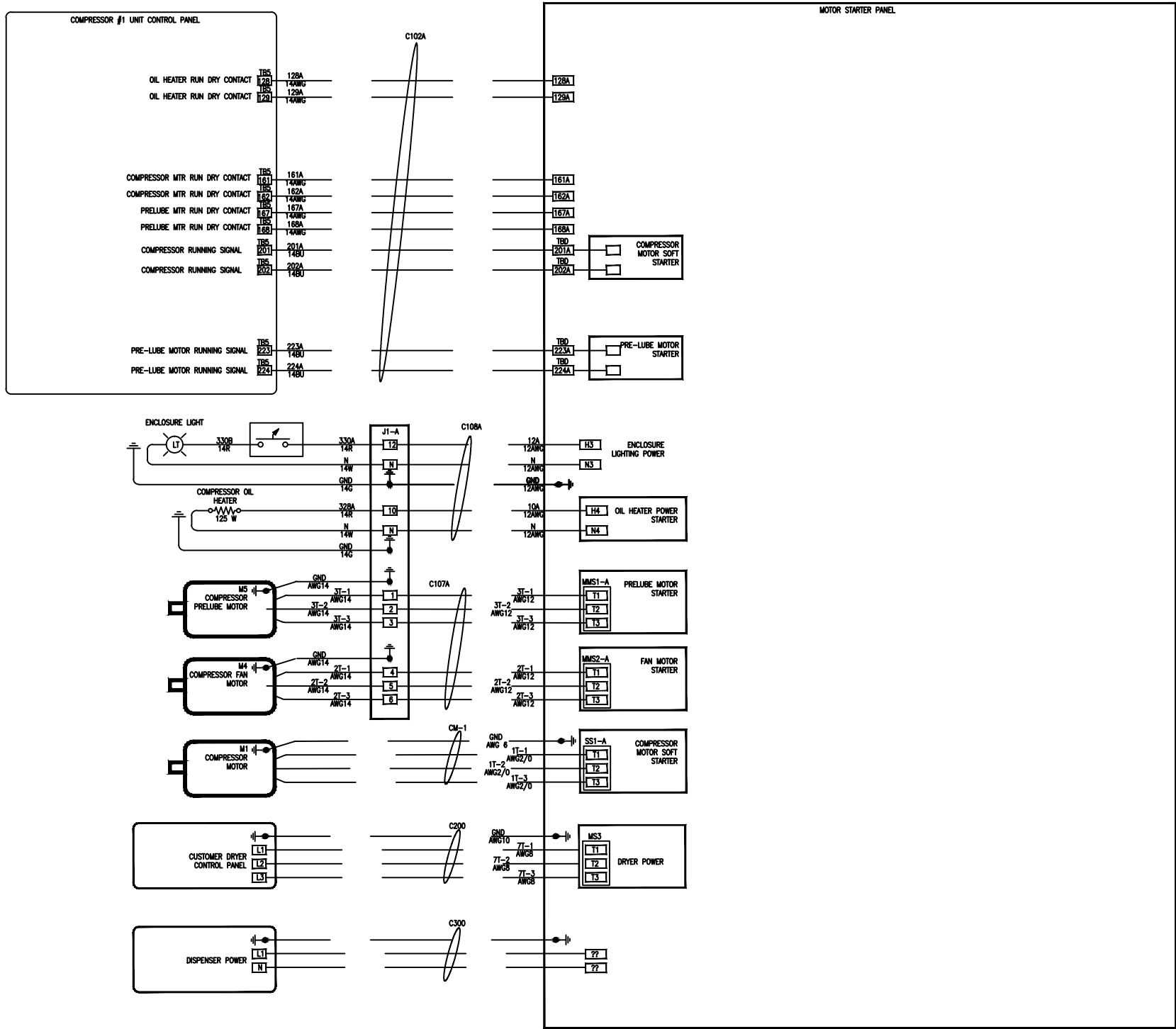
CONDUIT #		C400	CONDUIT DIAM.		3/4"	DESC.		120VAC CP-400 POWER
WIRE #	AWG	COLOR	START		END		NOTES:	
-	12	RED	MSP	9U - 2	CP-400	L1	120VAC	
-	12	WHT	MSP	9U - 4	CP-400	L2	NEUTRAL	
GND	12	GRN	MSP	9U - GND	CP-400	GND BAR	GROUND	

CONDUIT #		C500	CONDUIT DIAM.		3/4"	DESC.		CP-400 COMMUNICATION
WIRE #	AWG	COLOR	START		END		NOTES:	
514NET	CBL	-	MSP	SWITCH	CP-400	SWITCH	COMMUNICATION	

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									TITLE - LINE 2									
							BREAK SHARP EDGES .005-.015		ALL DIMENSIONS IN INCHES		CUSTOMER		ZEIT ENGINEERING		PROJECT NO.		40436	
							FRACTIONAL ± 1/8		TWO PLACE DECIMAL ±.010		DRN JMD	DATE 5/29/13	SCALE 1:1		DRAWING NO.		REV.	
REV	DATE/BY	DESCRIPTION			REV	DATE/BY	DESCRIPTION			THREE PLACE DECIMAL ±.005	CHK YYY	DATE MM/DD/YY	SHT 8	TOT 14	A80-50-40436		-	

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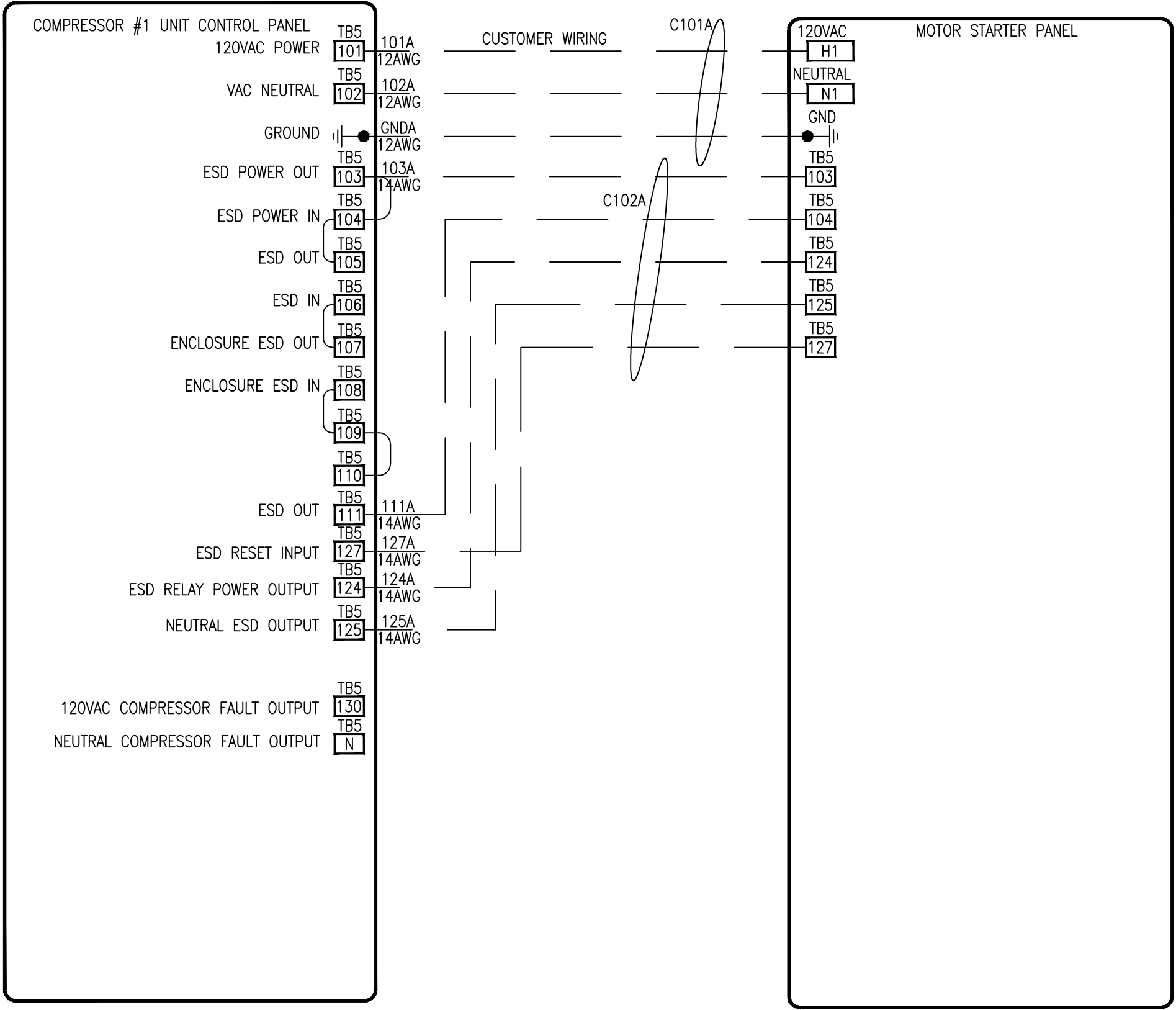
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DRN	JMD	DATE	5/29/13	SCALE	1:1	DRAWING NO.		REV.	
CHK	YYY	DATE	MM/DD/YY	SHT	9	TOT	14	A80-50-40436	



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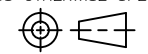
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				DESCRIPTION	



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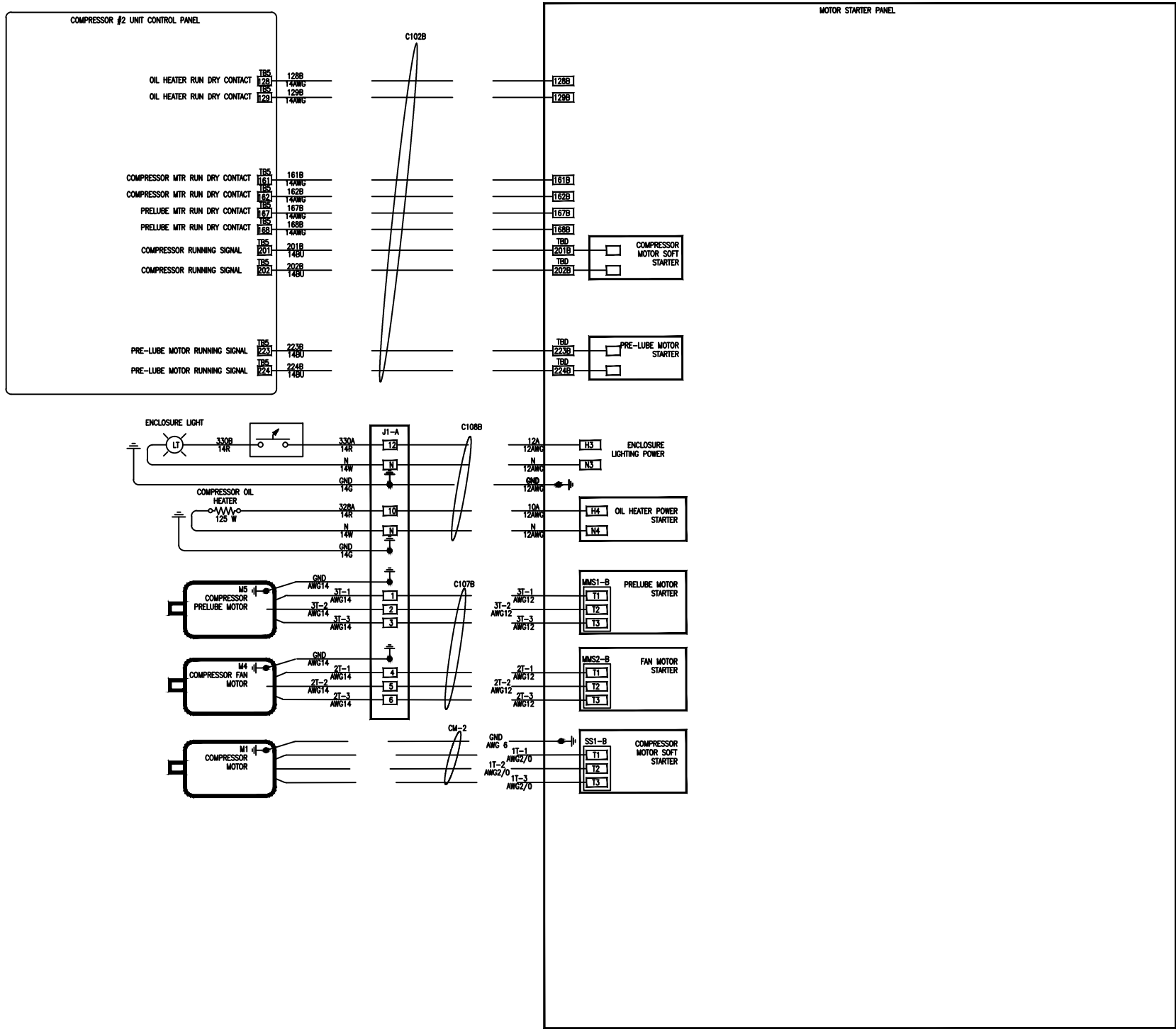


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						TITLE - LINE 2					
CUSTOMER						ZEIT ENGINEERING			PROJECT NO. 40436		
DRN	JMD	DATE	5/29/13	SCALE	1:1	DRAWING NO.			REV.		
CHK	YYY	DATE	MM/DD/YY	SHT	10	TOT	14	A80-50-40436			-

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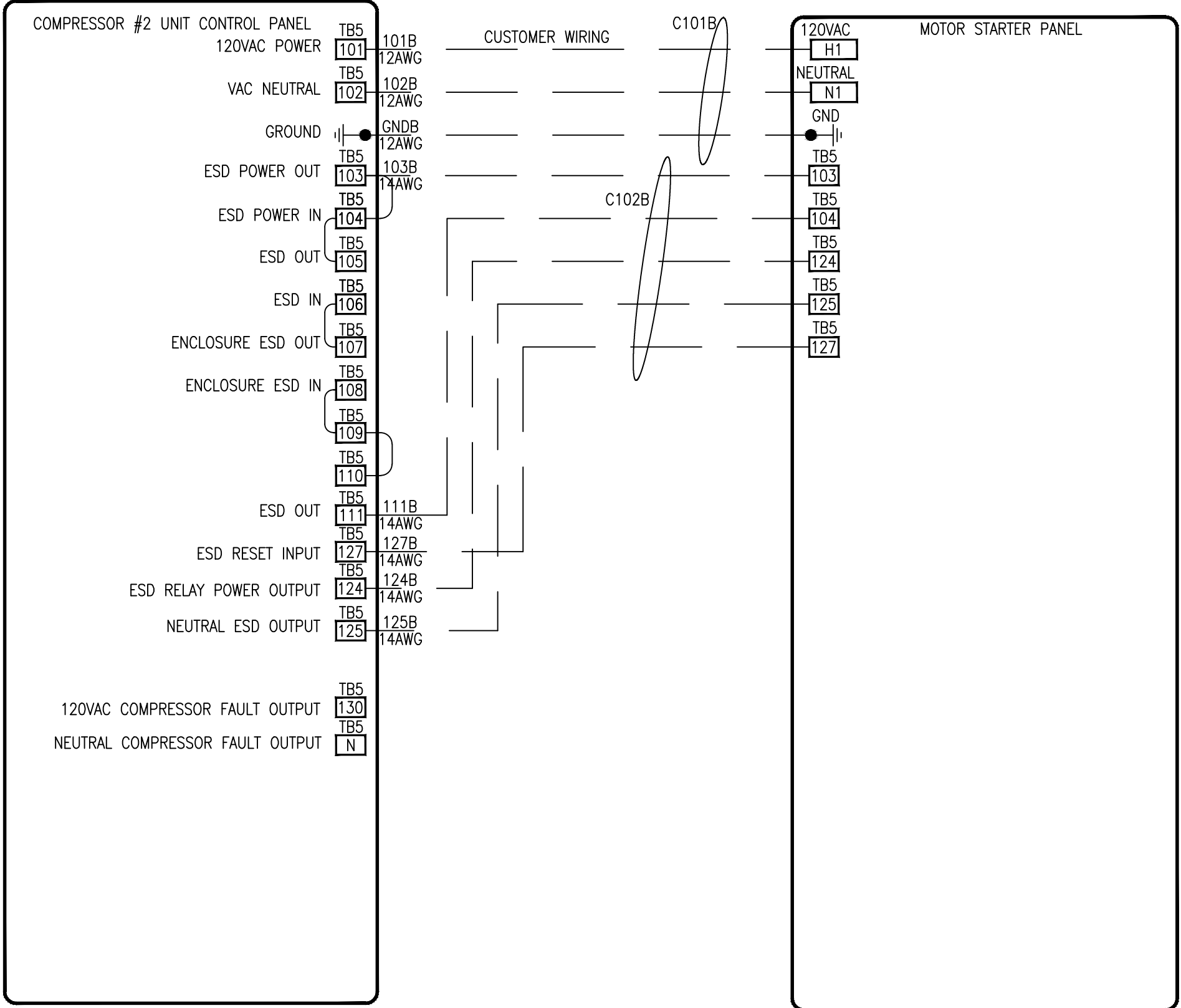
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DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO.		REV.
CHK YYY	DATE MM/DD/YY	SHT 11 TOT 14	A80-50-40436		-



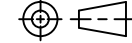
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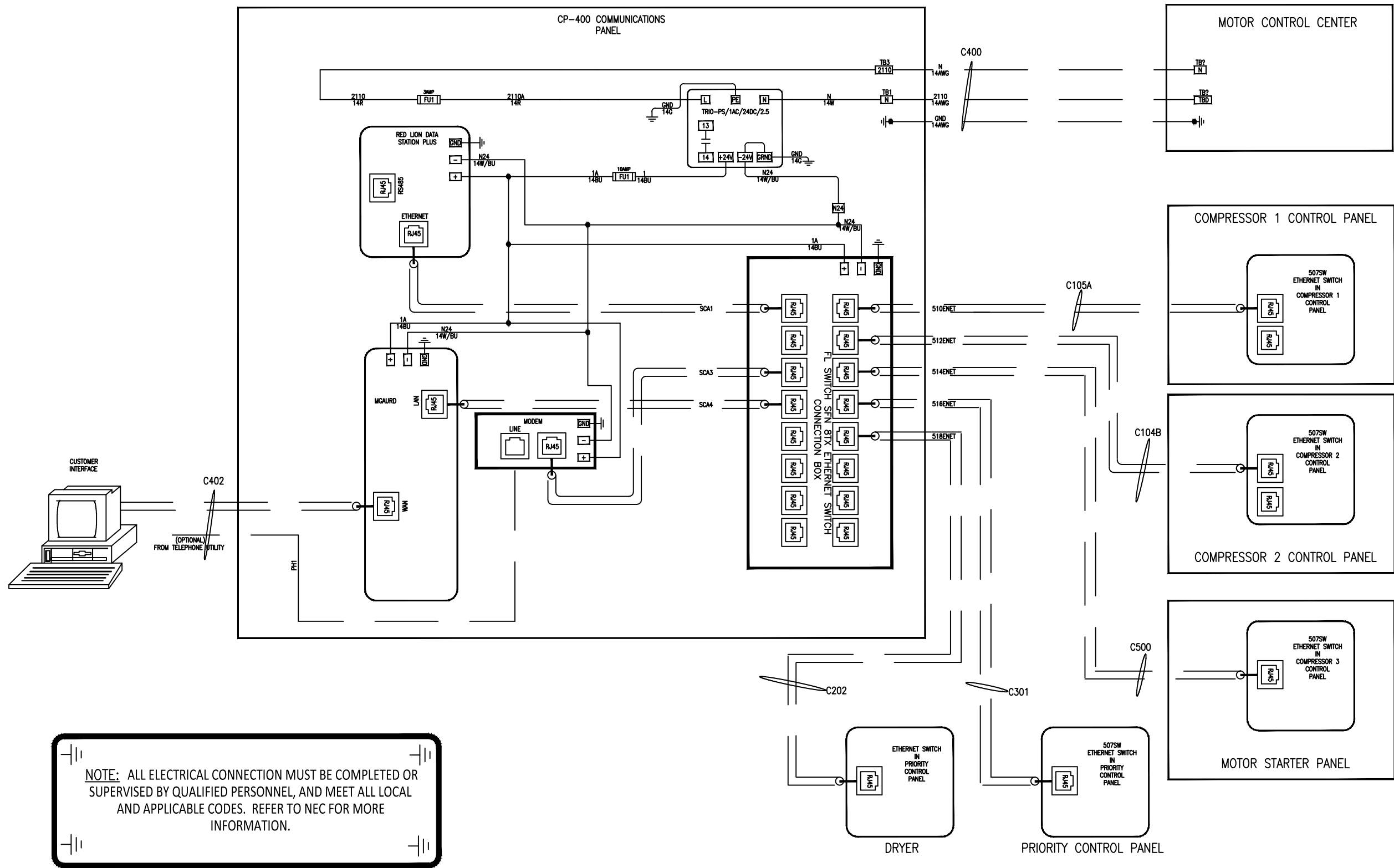
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CONDUIT LAYOUT
TITLE - LINE 2

CUSTOMER		ZEIT ENGINEERING		PROJECT NO.		40436	
DRN	JMD	DATE	5/29/13	SCALE	1:1	DRAWING NO.	
CHK	YYY	DATE	MM/DD/YY	SHT	12	TOT	14

A80-50-40436

REV. -



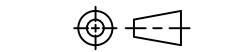
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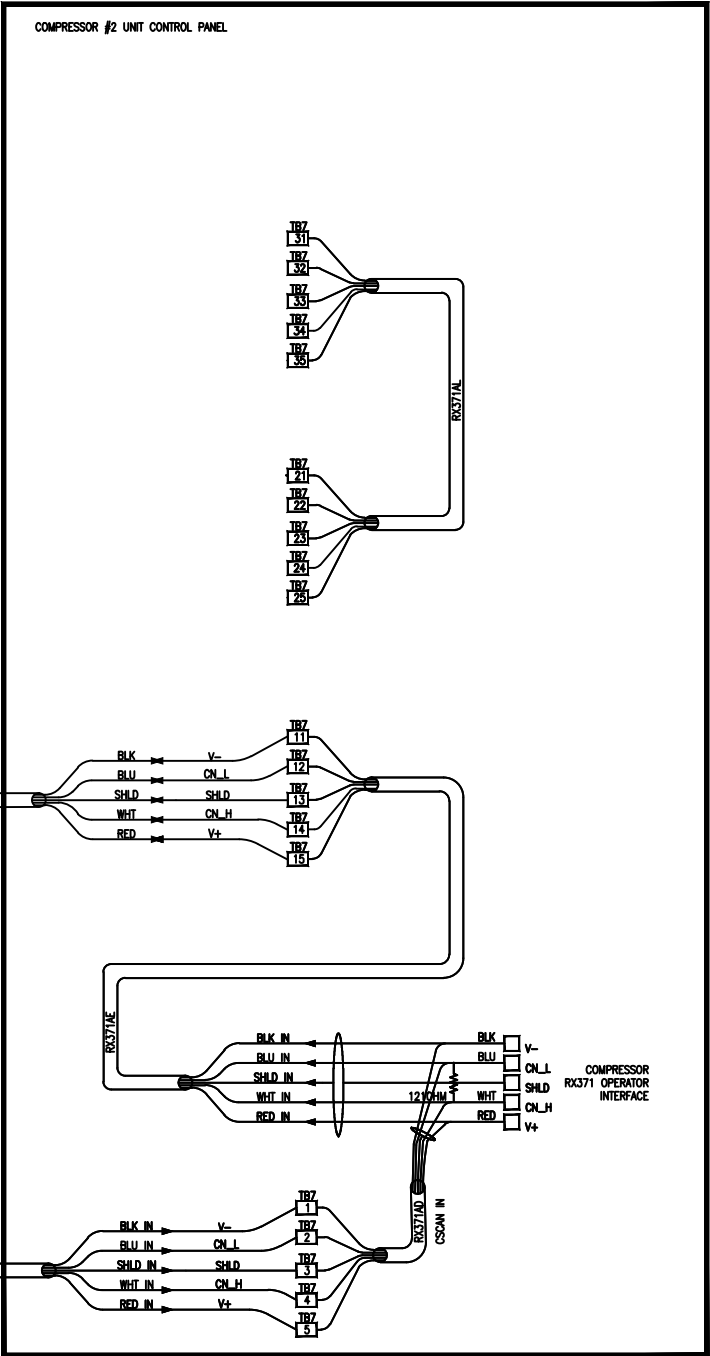
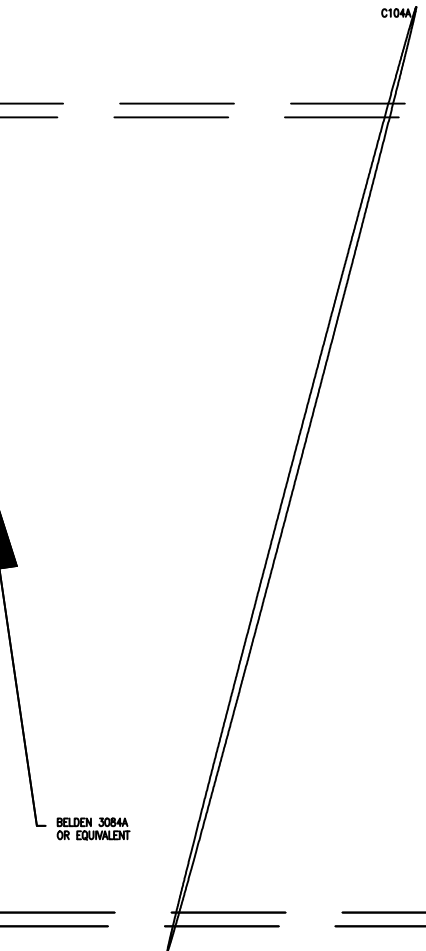
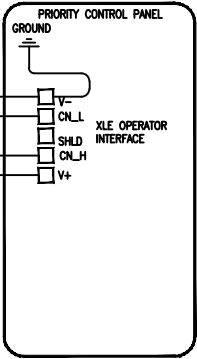
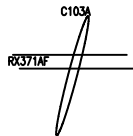
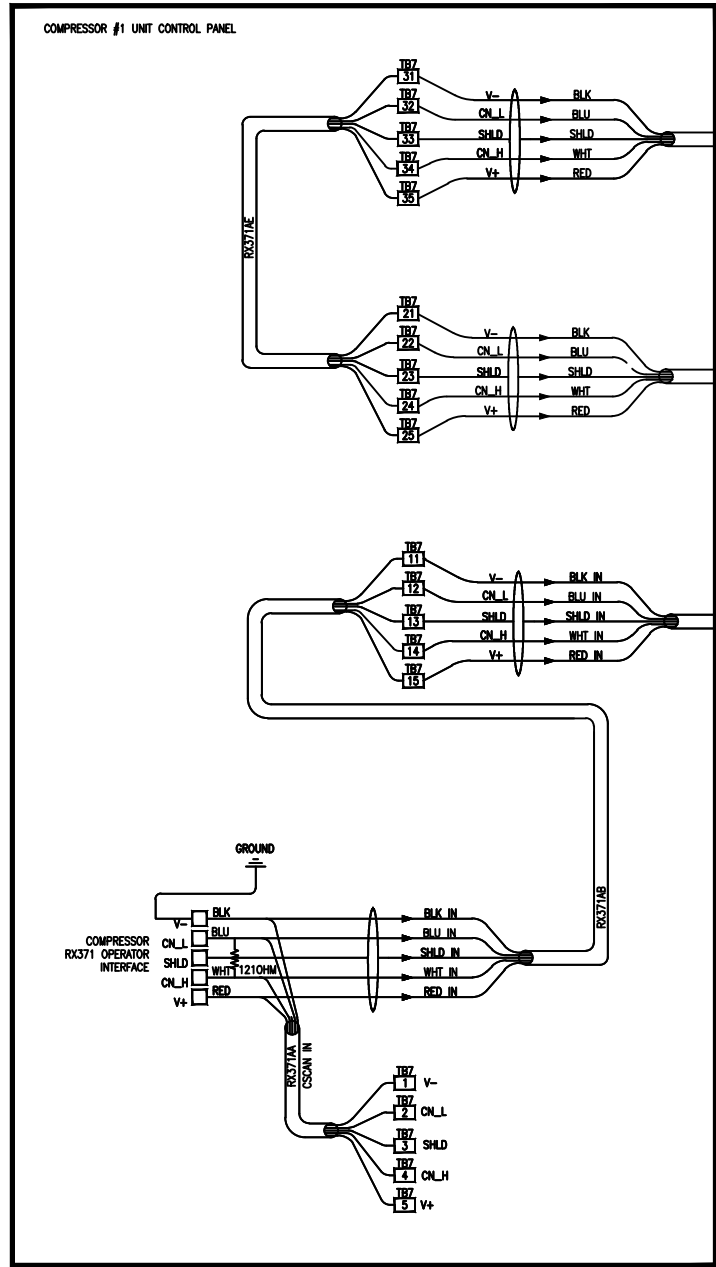


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CUSTOMER		ZEIT ENGINEERING		PROJECT NO. 40436	
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CONDUIT LAYOUT TITLE - LINE 2					
CUSTOMER			PROJECT NO.		
ZEIT ENGINEERING			40436		
DRN JMD	DATE 5/29/13	SCALE 1:1	DRAWING NO.		REV.
CHK YYY	DATE MM/DD/YY	SHT 14 TOT 14	A80-50-40436		-

NO.	QTY.	PART NUMBER	DESCRIPTION	LENGTH
1	1	921-07362	ENCL-HOFF 36Hx24Wx10D W/NEMA FEET	
2				
3	1	480-07320	SWITCH-PUSH PULL SQ D W/LIGHT	
4	1	480-07276	SWITCH-KEY 2POS SPNG RET SQ D	
5	1	480-07275	SWITCH-KEY 2POS MAINT SQ D SEL	
6	1	480-07244	SWITCH-2 POS SEL MAINT SQ D NE	
7	1	400-07516	CONTACT-SQ D 1N/O 1N/C HERMETI	
8	4	400-07501	CONTACT-SQ D N/O HERM.	
9	1			
10	1	463-07259	LAMP-INDICATING 24/28VDC GRN	
11	1	463-07260	LAMP-INDICATING 24/28VDC RED	
12	1			
13	1	400-07902	OCS-RX371 PLC/HMI HORNER	
14	2	400-07498	OCS-STACK MIX 902 8/8/4/2 8DI	
15	1	400-07499	OCS-STACK ADC920 12AI 12 4-20M	
16	1	406-07267	CARD-1GB MICROSD FLASH W/ADAPTER	
17	6			
18	1	FC 793-08001	TAG-WARNING/RISK OF ELECT SHOC	
19	1	FC 793-09001	TAG-P.B. 1.2 EMERG/STOP 3.5" ROUND	
20	1	FC 793-01002	TAG-P.B. 1.2 FAULT/RESET	
21	1			
22	1			
23	1	FC 793-01053	TAG-P.B. 1.2 COMPRESSOR RUN	
24	1	FC 793-01016	TAG-P.B. 1.2 COMPR/OFF-ON	
25	1			
26	1	FC 793-01006	TAG-P.B. 1.2 COMP/FAULT	
27	1	FC 793-05095	TAG-TERMINAL R02 1/2x1 BLK/WHT	
28	1	FC 793-05018	TAG-TERMINAL CR17B 1/2x1 BLK/WHT	
29	1	FC 793-01211	TAG-P.B. 1.2 OIL-HEATER/OFF-ON	
30				
31	1	FC 793-08002	TAG-WARNING FUSE REPLACEMENT	
32	1	FC 793-08011	TAG-WARNING/SUBSTITUTION OF CO	
33	1	FC 793-05001	TAG-TERMINAL TB1 1/2x1 BLK/WHT	
34	1	FC 793-05002	TAG-TERMINAL TB2 1/2x1 BLK/WHT	
35	1	FC 793-05003	TAG-TERMINAL TB3 1/2x1 BLK/WHT	
36	1	FC 793-05005	TAG-TERMINAL TB5 1/2x1 BLK/WHT	
37	1	FC 793-05007	TAG-TERMINAL TB7 1/2x1 BLK/WHT	
38	1	FC 793-05017	TAG-TERMINAL CR17A 1/2x1 BLK/WHT	
39		- RESERVED -	PANEL MOUNT TVSS (IF U.L. APPROVED)	
40		- RESERVED -	BASE-SURGE ARRESTER PHOENIX	
41	1	407-07253	POWER SUPPLY-24VDC 10A CL1 DIV	
42	1	FC 793-05025	TAG-TERMINAL CR17 1/2x1 BLK/WHT	
43	15	FC 432-07245	TERMINAL BLK-END CLAMP DIN	
44	7	FC 432-07256	TERMINAL BLK-GROUND DIN RAIL	
45	18	FC 432-07319	TERMINAL BLK-UK5N 41AMP 800V	

NO.	QTY.	PART NUMBER	DESCRIPTION	LENGTH
46	6	FC 432-07321	TERMINAL-END COVER DUK 4/10	
47	85	FC 432-07292	TERMINAL BLK-UKK5 2-TIER 32AMP	
48	8	FC 432-07293	TERMINAL-END COVER UKK5 FOR 2-	
49	25	FC 432-07295	TERMINAL BLK-1.5 3LEVEL ACTUAT	
50	3	FC 432-07375	TERMINAL MARKER-UC-TM 6 UNPRINTED 6.2	
51				
52				
53	1	FC 793-08018	TAG-INTRINSIC EXTENSIONS	
54				
55				
56				
57				
58	1	FC 793-08009	TAG-FUSE CHART	
59	1	791-07371	TAG-ARIEL	
60	1	FC 793-10017	TAG-FIELD TERMINATIONS	
61	1	FC 793-08017	TAG-CIRCUIT PROTECTION AND DISCONNECTS	
62	1	600-07566	PLATE-S-2 PHENOLIC BARRIER ISO	
63	1	600-07554	BRACKET-S-2 PHENOLIC BARRIER I	
64	2	FC 793-08008	TAG-INTRINSIC AREA ONLY	
65	2	FC 432-07360	TERMINAL BRIDGE-41AMP UK5N SCR	
66	16	441-07250	FUSE HOLDER-AGC TYPE SCREW CAP	
67	2	FC 441-07251	FUSE HOLDER-BRIDGE UK10 DRGNSI	
68	1	400-07858	CABLE-MODEM RX371/XLE 6' RJ45ML/DE	
69	26	440-07307	FUSE-3 AMP 250V AGC FAST ACT	
70	4	440-07273	FUSE-10 AMP AGC FAST ACTING	
71	2	440-07254	FUSE-5 AMP AGC GLASS CARTRIDGE	
72	1	490-07241	RELAY W/BASE 120V 6A 35MM DIN	
73	9	490-07249	RELAY W/BASE 24V 6AMP PDT	
74	3	200-07256	CLIP-RELAY RETAINING SQ-D 8501	
75	3	490-07271	RELAY-24V 4PDT SQ D HERM SEAL	
76	3	492-07232	BASE-RELAY 4PDT SQ D HERM SEAL	
77	1	906-07250	MODEM-HORNER CL1 DIV2	
78	4	400-07889	TRANSMITTER-TEMP 32 TO 392F UL -	
79	5	400-07881	BARRIER-DIGITAL 728 P&F UL LISTED (NO	
80	2	400-07260	SPACER-INSULATING DIN RAIL	
81				
82	QTY	FC 432-07257	RAIL-DIN 35MM TERMINAL	73.00"
83	QTY	FC 450-07231	TROUGH-SLOTTED 2x2 WHT WIRING	36.00"
84	QTY	FC 450-07232	TROUGH-COVER WALL 2 WHT WIRING	36.00"
85	QTY	FC 450-07238	TROUGH-WIRE 1x2 WHT F TYPE	48.00"
86	QTY	FC 450-07239	TROUGH-COVER WALL 1"x6" WHT F	48.00"
87	QTY	FC 450-07237	TROUGH-WIDE SLOT 3x2 WHT WIRE	48.00"
88	QTY	FC 450-07236	TROUGH-COVER WALL 3 WHT WIRING	48.00"
89	11	FC 400-07712	PLATE-ISOLATION TERMINAL STRIP	
90	1	310-07275	PLUG-HOLE 30MM WEATHER PROOF S	

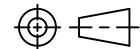
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REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

TITLE	RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE CONTROL PANEL CLASS 1 DIV 2
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CUSTOMER	PROJECT NO.
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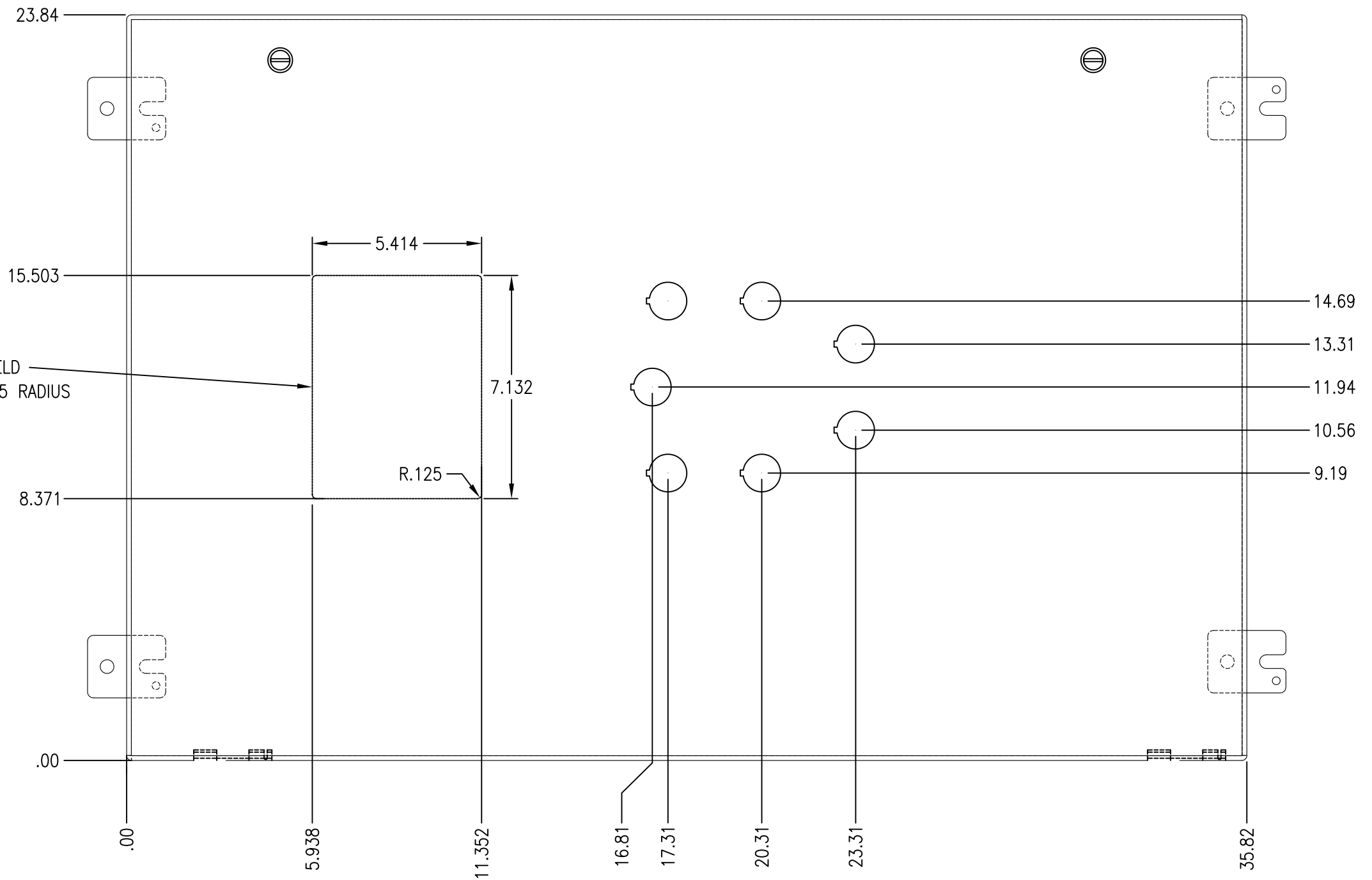
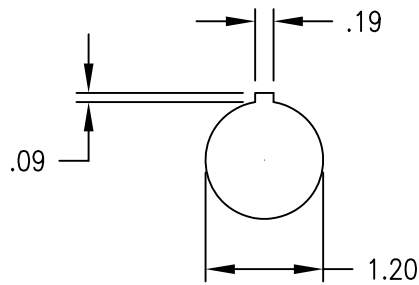
SHEET	1/9	SCALE	1:5	DRAWING NO.
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DRAWN BY	NDA	DATE	5/25/11	E03-10-093
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WINDCHILL

**NOTE: THE DOOR CUTOUT TOLERANCE IS TO BE HELD
WITHIN $\pm .005"$ ON THE 5.414" & 7.132" WITH .125 RADIUS
IN CORNERS RECTANGULAR AREA.

TYPICAL KNOCK-OUT FOR SWITCHES AND LAMPS
(SCALE 2:1)



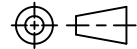
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REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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15 PLUMB STREET
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PH: 608-868-4626
FX: 608-868-2723

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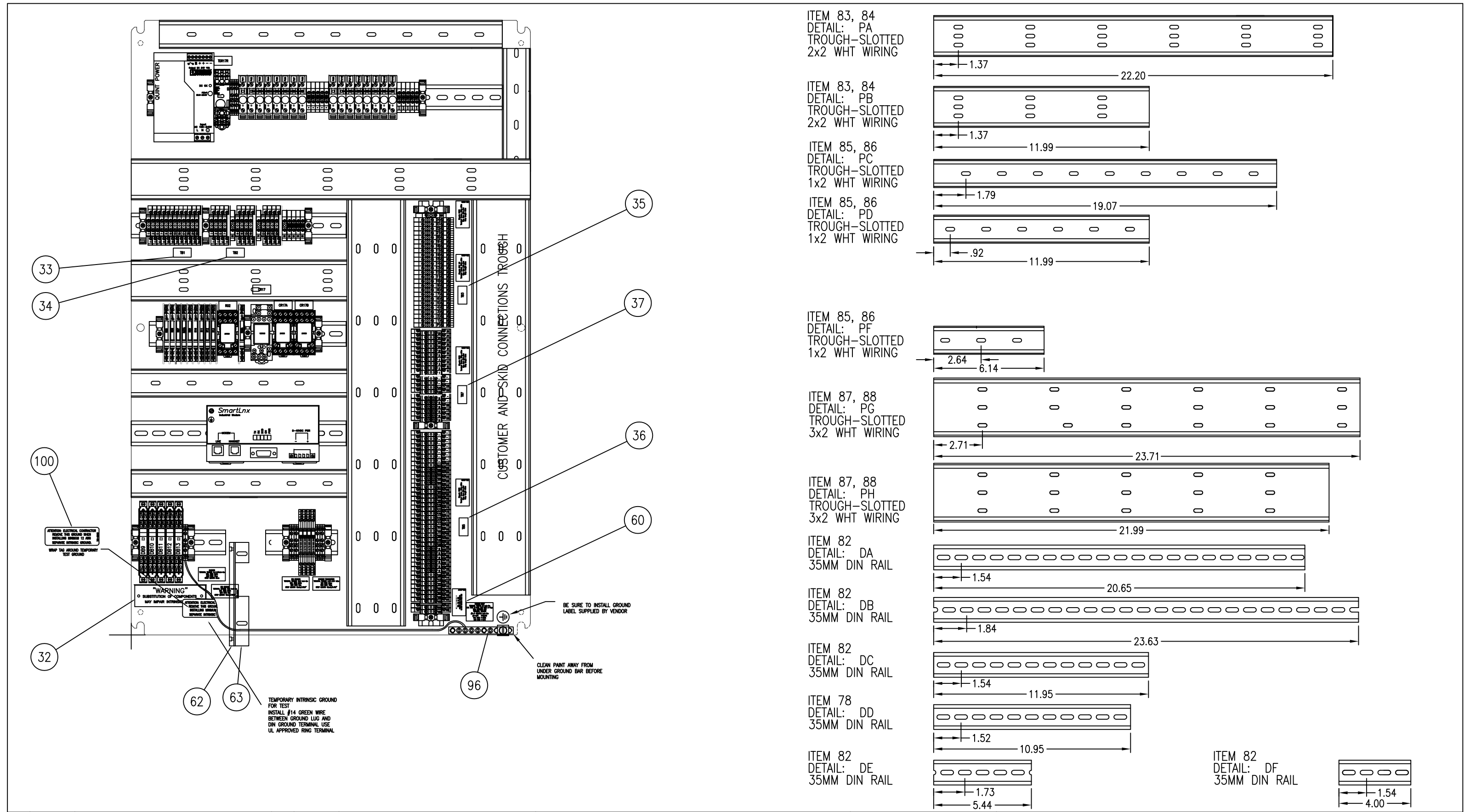
BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL $\pm .125$
TWO PLACE DECIMAL $\pm .010$
THREE PLACE DECIMAL $\pm .005$
ANGLES $\pm 1^\circ$

TITLE		RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE CONTROL PANEL CLASS 1 DIV 2			
CUSTOMER		-		PROJECT NO. -	
SHEET	3/9	SCALE	1:4	DRAWING NO.	E03-10-093
DRAWN BY	NDA	DATE	5/25/11	REV.	B

WINDCHILL



REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
B	2-7-12 NDA	ADD TERMINALS 83 & 84			
A	11-7-11 NDA	TERMINAL UPDATE			

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PH: 608-868-4626
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BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

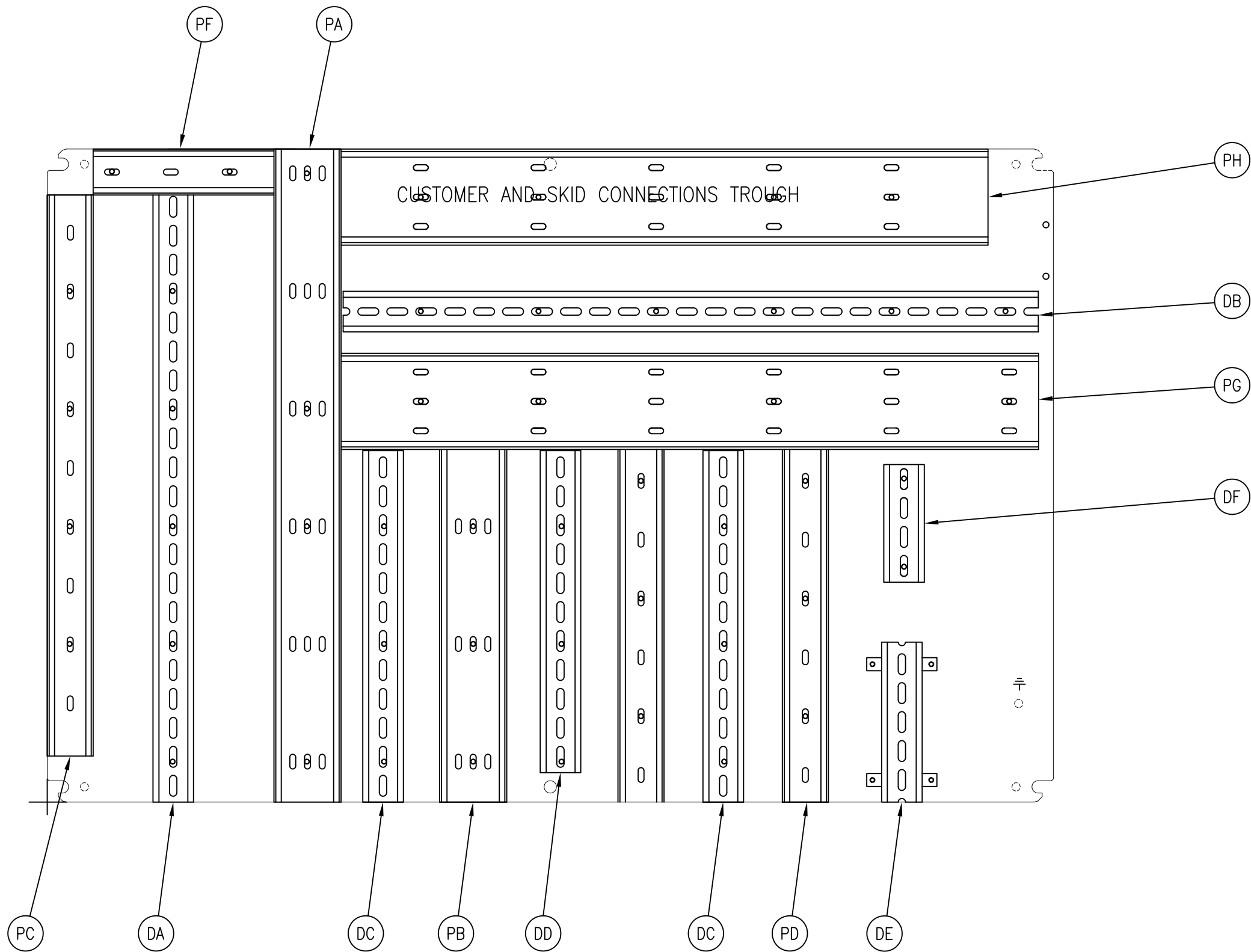
FRACTIONAL ±.125
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE
RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE
CONTROL PANEL CLASS 1 DIV 2

CUSTOMER		PROJECT NO.	
-		-	
SHEET	4/9	SCALE	1:5
DRAWN BY	NDA	DATE	5/25/11

DRAWING NO.	REV.
E03-10-093	B

WINDCHILL



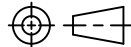
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REV	DATE/BY	DESCRIPTION		REV	DATE/BY



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MILTON, WI 53563
PH: 608-868-4626
FX: 608-868-2723

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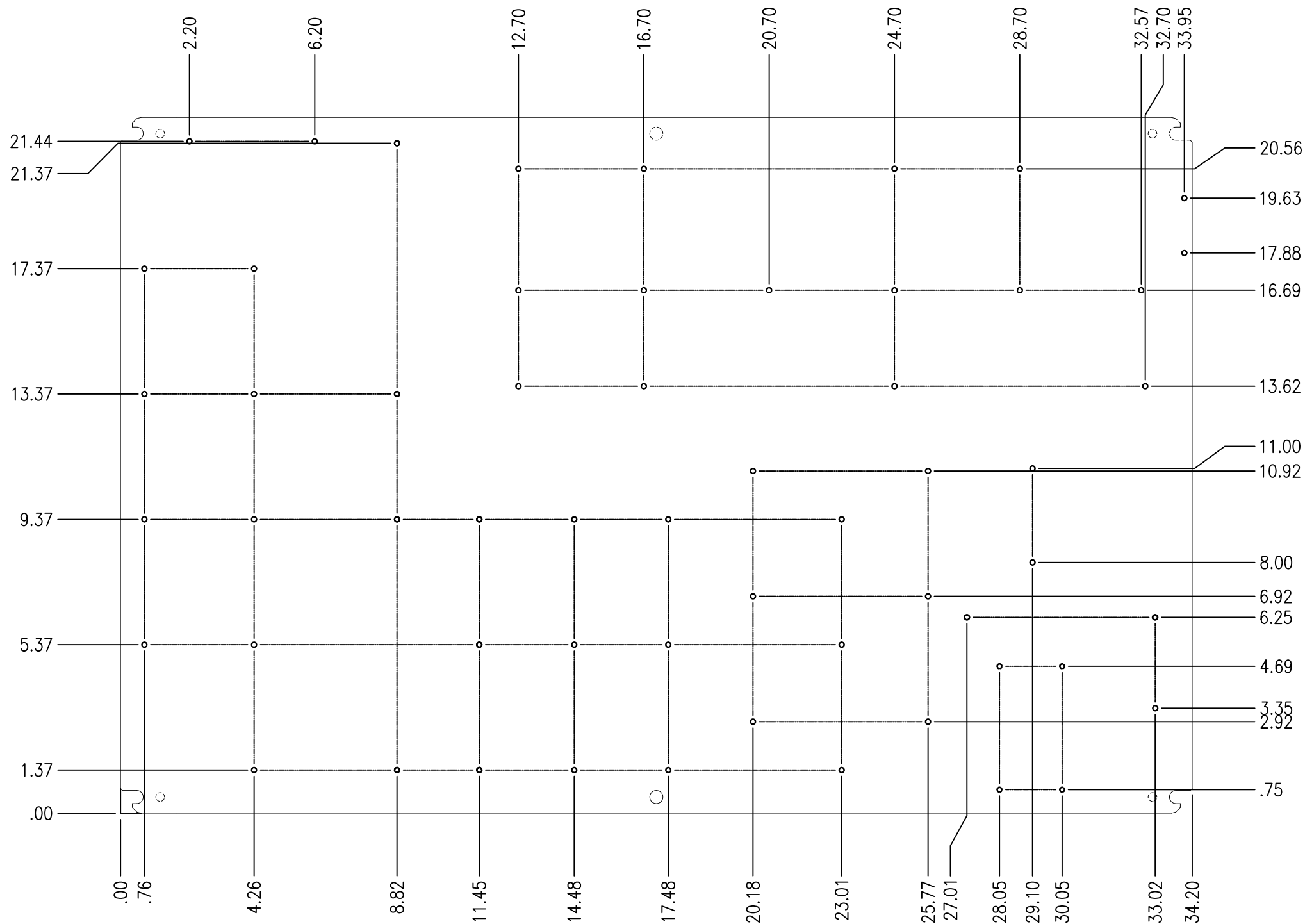
UNLESS OTHERWISE SPECIFIED

 BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL ±.125
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

TITLE RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE CONTROL PANEL CLASS 1 DIV 2					
CUSTOMER -			PROJECT NO. -		
SHEET	5/9	SCALE	1:4	DRAWING NO.	REV.
DRAWN BY	NDA	DATE	5/25/11	E03-10-093	B



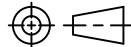
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REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION



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UNLESS OTHERWISE SPECIFIED

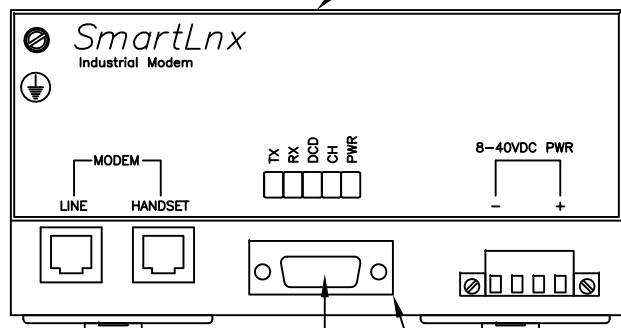
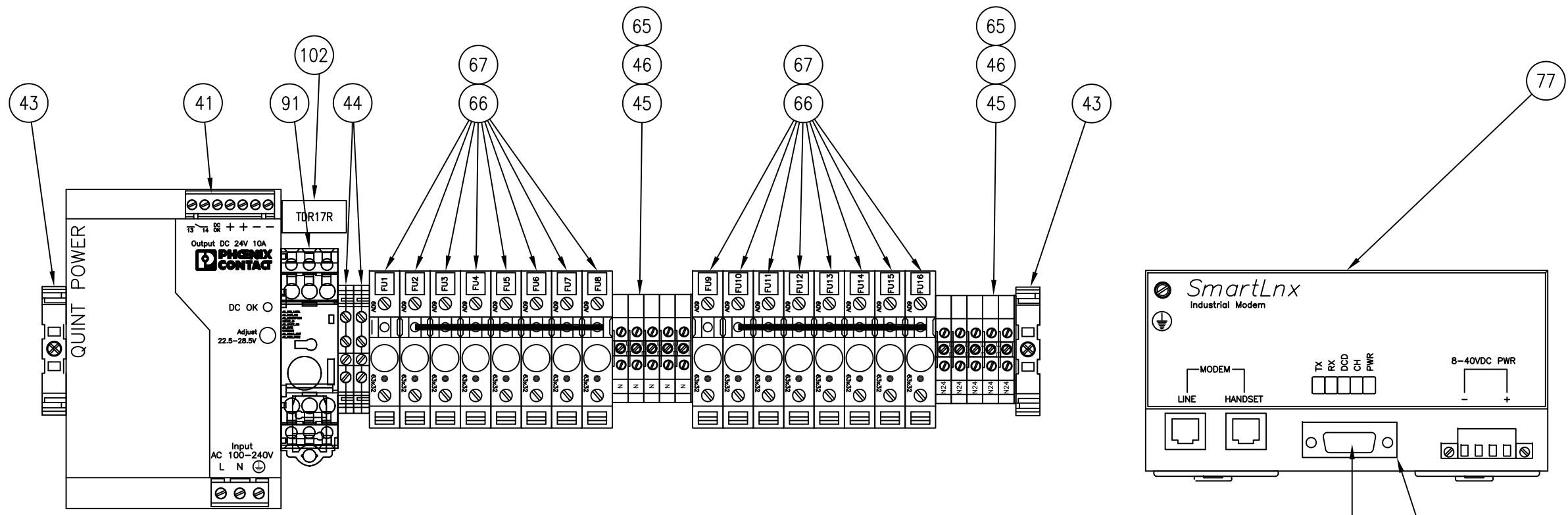


BREAK SHARP EDGES

ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

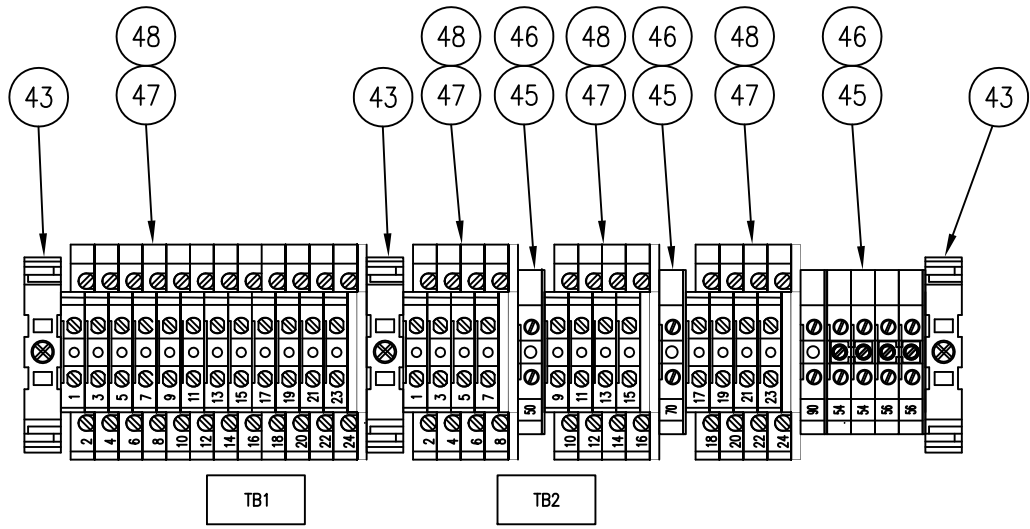
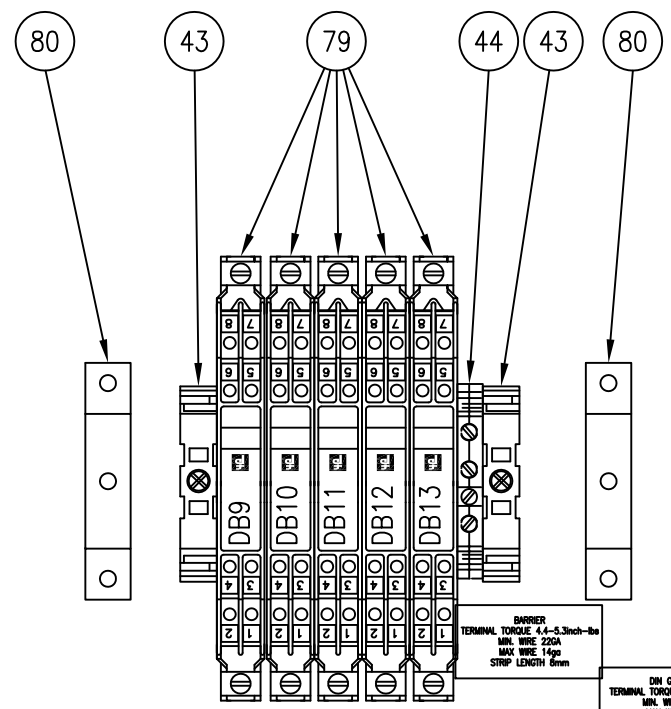
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CUSTOMER -		PROJECT NO. -	
SHEET 6/9	SCALE 1:4	DRAWING NO. E03-10-093	REV. B
DRAWN BY NDA	DATE 5/25/11		



INSTALL DB9 END OF ITEM #68 INTO DB9 PORT OF MODEM AT ASSEMBLY.

INSTALL RJ45 END OF ITEM #68 INTO MJ1 PORT OF RX371 PLC AT ASSEMBLY.

*NOTE: ITEM#68 IS TO BE ROUTED WITH WIRES FROM CONTROL PANEL TO THE COMPONENTS ON ENCLOSURE DOOR AT ASSEMBLY.



REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
*					

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BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES

FRACTIONAL	±.125
TWO PLACE DECIMAL	±.010
THREE PLACE DECIMAL	±.005
ANGLES	±1°

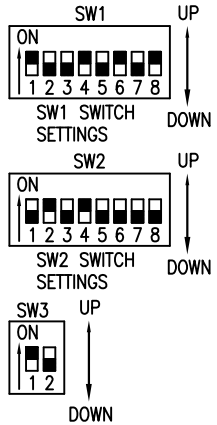
TITLE
RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE
CONTROL PANEL CLASS 1 DIV 2

CUSTOMER		PROJECT NO.	
SHEET 7/9		SCALE 1:2	
DRAWN BY NDA		DATE 5/25/11	

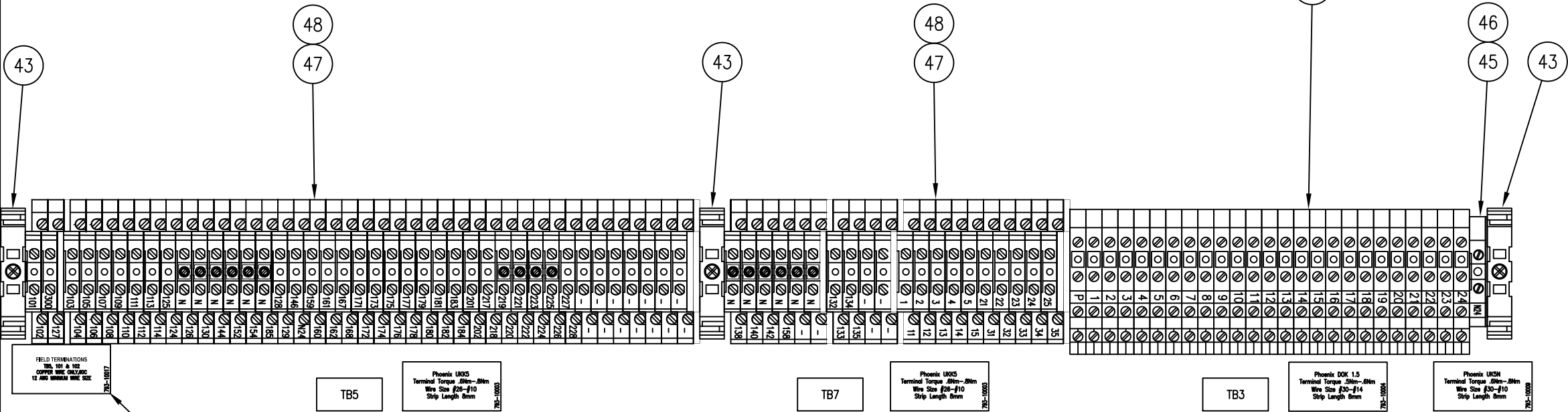
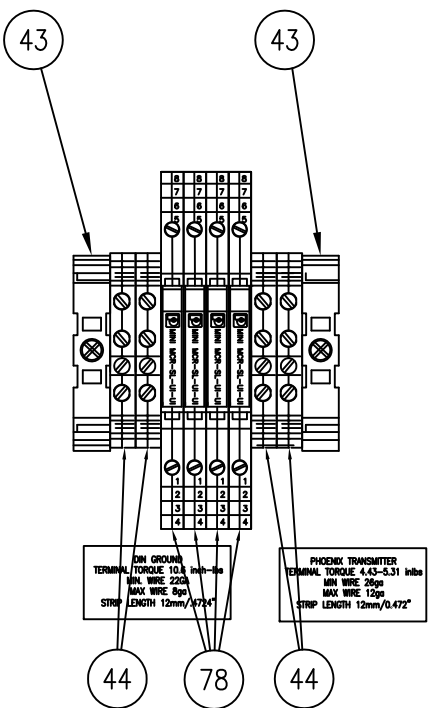
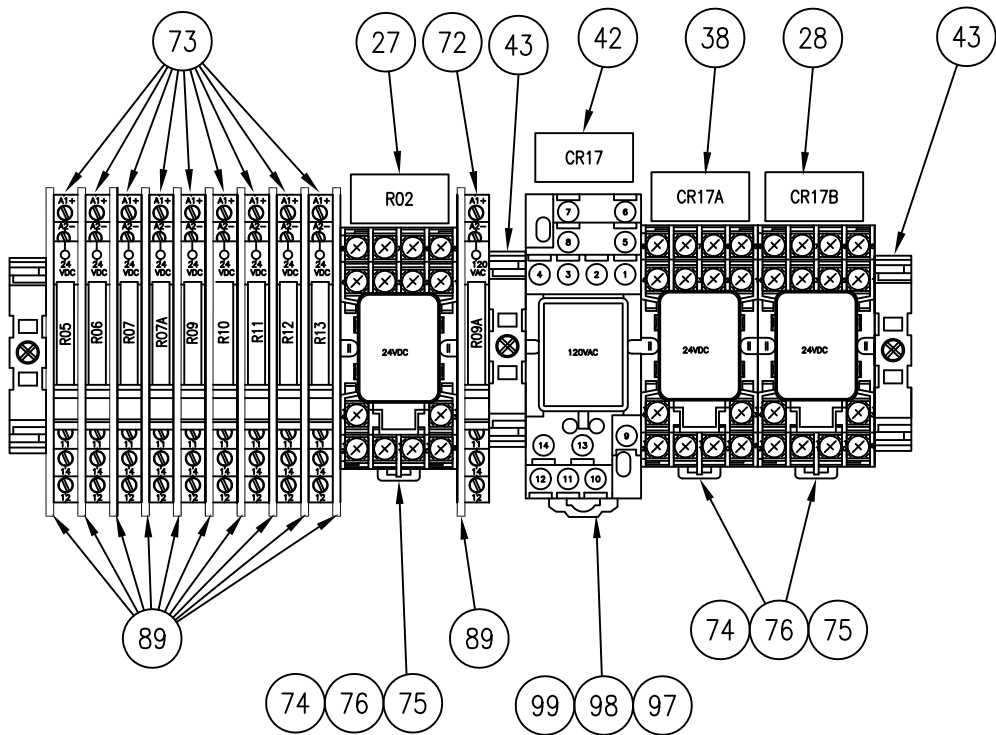
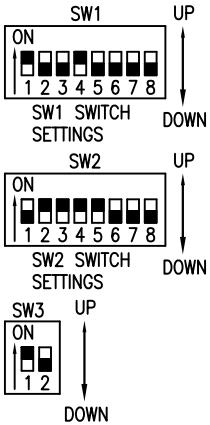
DRAWING NO. E03-10-093		REV. B
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DIPSWITCH SETTINGS

400-07888
AMBIENT TEMP
TRANSMITTER



400-07889
TEMP
TRANSMITTER



FIELD TERMINATIONS
TBS, TBS & TBS
COPPER WIRE ONLY/200
12 AND 100000 WIRE SIZE

TB5

Phoenix UK05
Terminal Torque .08in-.09in
Wire Size #26-#10
Strip Length 8mm

TB7

Phoenix UK05
Terminal Torque .08in-.09in
Wire Size #26-#10
Strip Length 8mm

TB3

Phoenix DOK 1.5
Terminal Torque .08in-.09in
Wire Size #26-#10
Strip Length 8mm

Phoenix UK05
Terminal Torque .08in-.09in
Wire Size #26-#10
Strip Length 8mm

60

REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION
B	2-7-12 NDA	ADD TERMINALS 83 & 84			
A	11-7-11 NDA	TERMINAL UPDATE			



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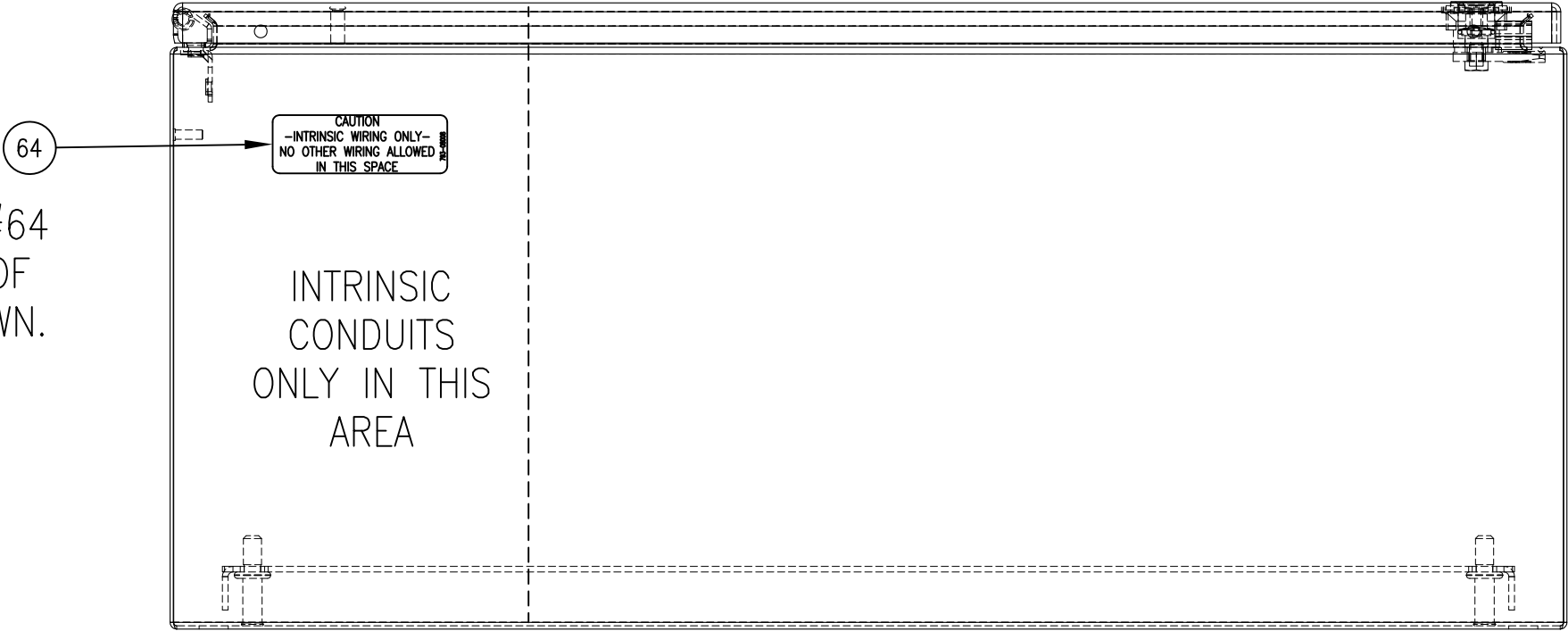
ANGI ENERGY SYSTEMS
15 PLUMB STREET
MILTON, WI 53563
PH: 608-868-4626
FX: 608-868-2723

UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES
FRACTIONAL ±.125
TWO PLACE DECIMAL ±.010
THREE PLACE DECIMAL ±.005
ANGLES ±1°

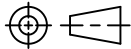
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CUSTOMER		PROJECT NO.	
SHEET	8/9	SCALE	1:2
DRAWN BY	NDA	DATE	5/25/11
DRAWING NO.		E03-10-093	
REV.		B	

WINDCHILL

**NOTE: PLACE ITEM#64
INSIDE & OUTSIDE OF
ENCLOSURE AS SHOWN.

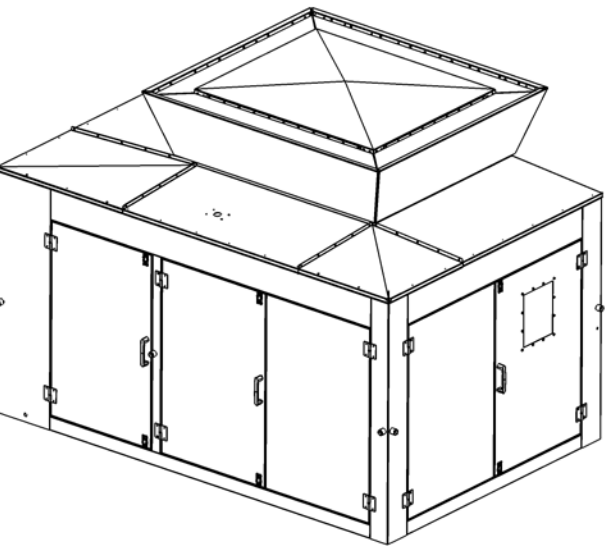
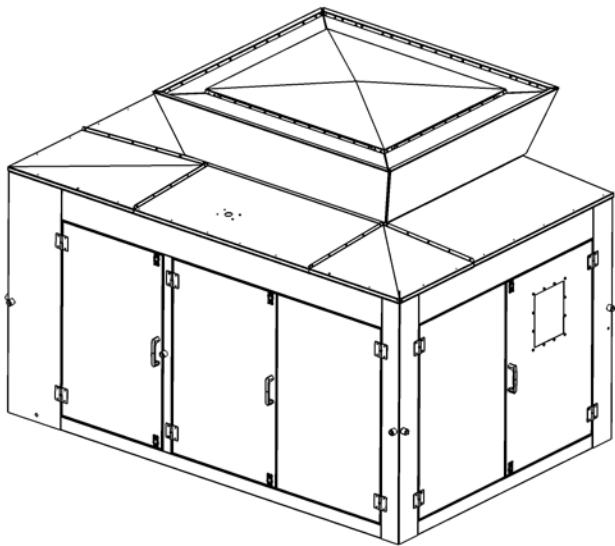
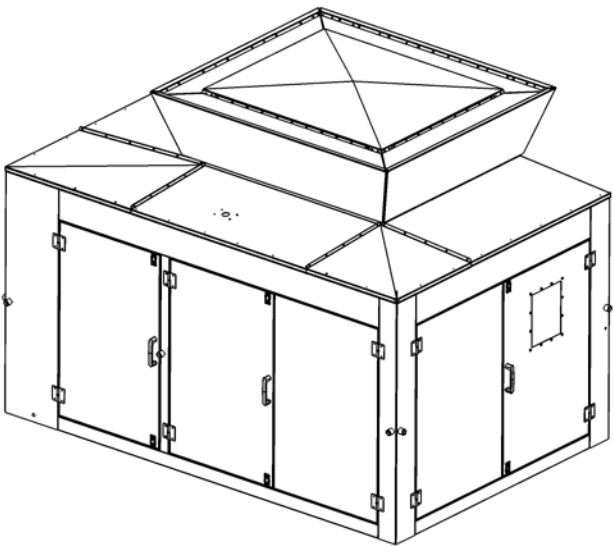
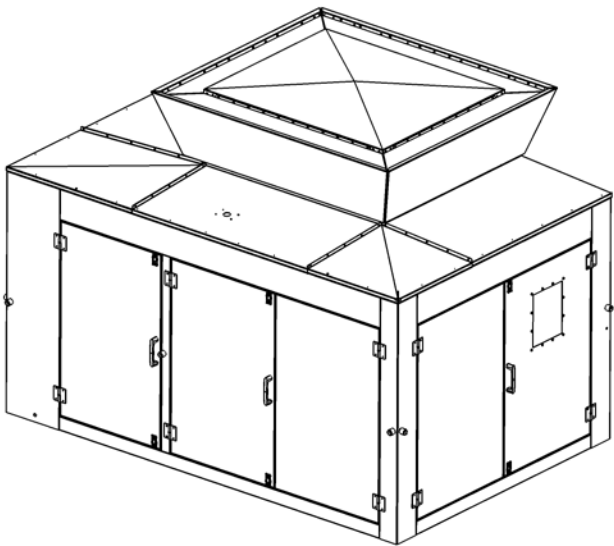
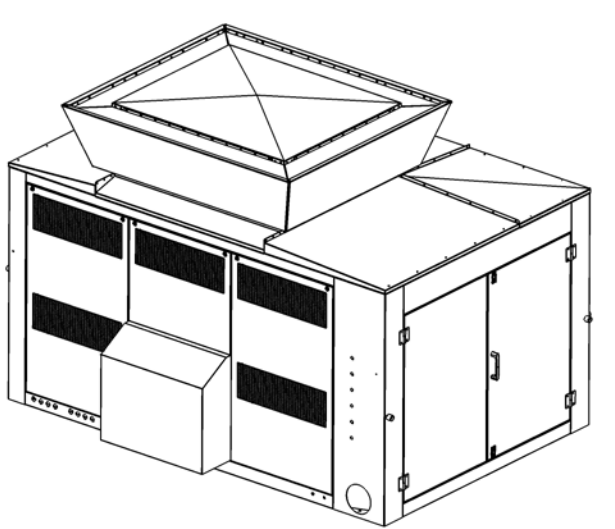
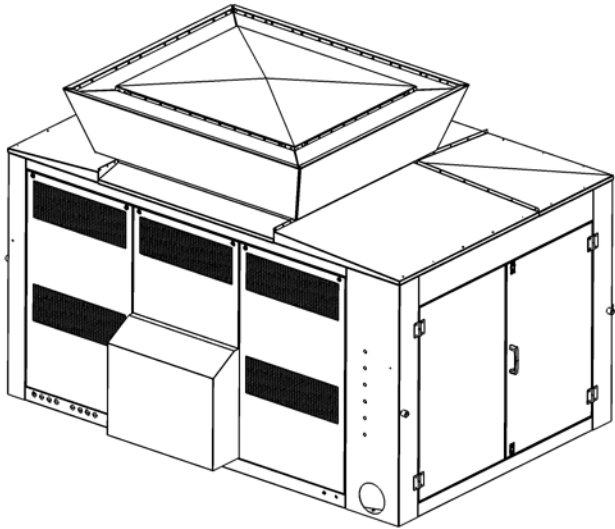
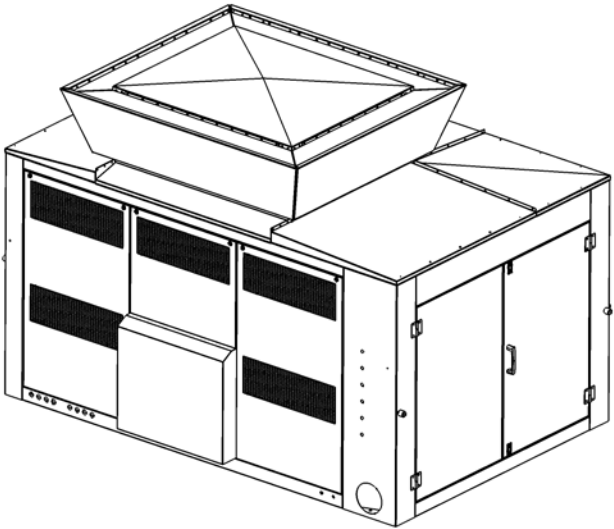
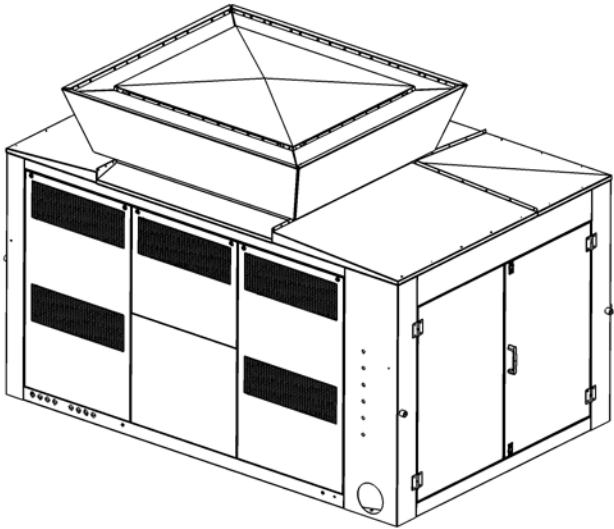


BOTTOM VIEW

						 ANGI ENERGY SYSTEMS 15 PLUMB STREET MILTON, WI 53563 PH: 608-868-4626 FX: 608-868-2723 THIS DRAWING AND ALL INFORMATION THEREIN IS THE SOLE PROPERTY OF ANGI AND SHOULD NOT BE COPIED, REPRODUCED, OR SUBMITTED TO OTHERS WITHOUT WRITTEN AUTHORIZATION. ALL REPRODUCTIONS ARE SUBJECT TO RETURN ON DEMAND.	UNLESS OTHERWISE SPECIFIED		TITLE RX 371-ELECTRICAL SCHEMATIC/ELECTRIC DRIVE CONTROL PANEL CLASS 1 DIV 2			
									CUSTOMER -		PROJECT NO. -	
							FRACTIONAL ±.125 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005 ANGLES ±1°		SHEET 9/9	SCALE 1:3	DRAWING NO. E03-10-093	REV. B
REV	DATE/BY	DESCRIPTION	REV	DATE/BY	DESCRIPTION		DRAWN BY NDA		DATE 5/25/11			

NOTES:
1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-2009.
2. SEE CHART FOR PART NUMBER & BOM SHEET LOCATION.

2	PART NUMBER	DESCRIPTION	SHEET NUMBER
	002-21-002-1	ENCLOSURE, NG300E, STANDARD	SHEET 2
	002-21-002-2	ENCLOSURE, NG300E, W/5.19 DOGHOUSE	SHEET 3
	002-21-002-3	ENCLOSURE, NG300E, W/10.39 DOGHOUSE	SHEET 4
	002-21-002-4	ENCLOSURE, NG300E, W/11.89 DOGHOUSE	SHEET 5



STANDARD ENCLOSURE WITH FLUSH DOGHOUSE
(P/N 002-21-002-1)
SCALE 0.040

STANDARD ENCLOSURE WITH 5.19 DOGHOUSE
(P/N 002-21-002-2)
SCALE 0.040

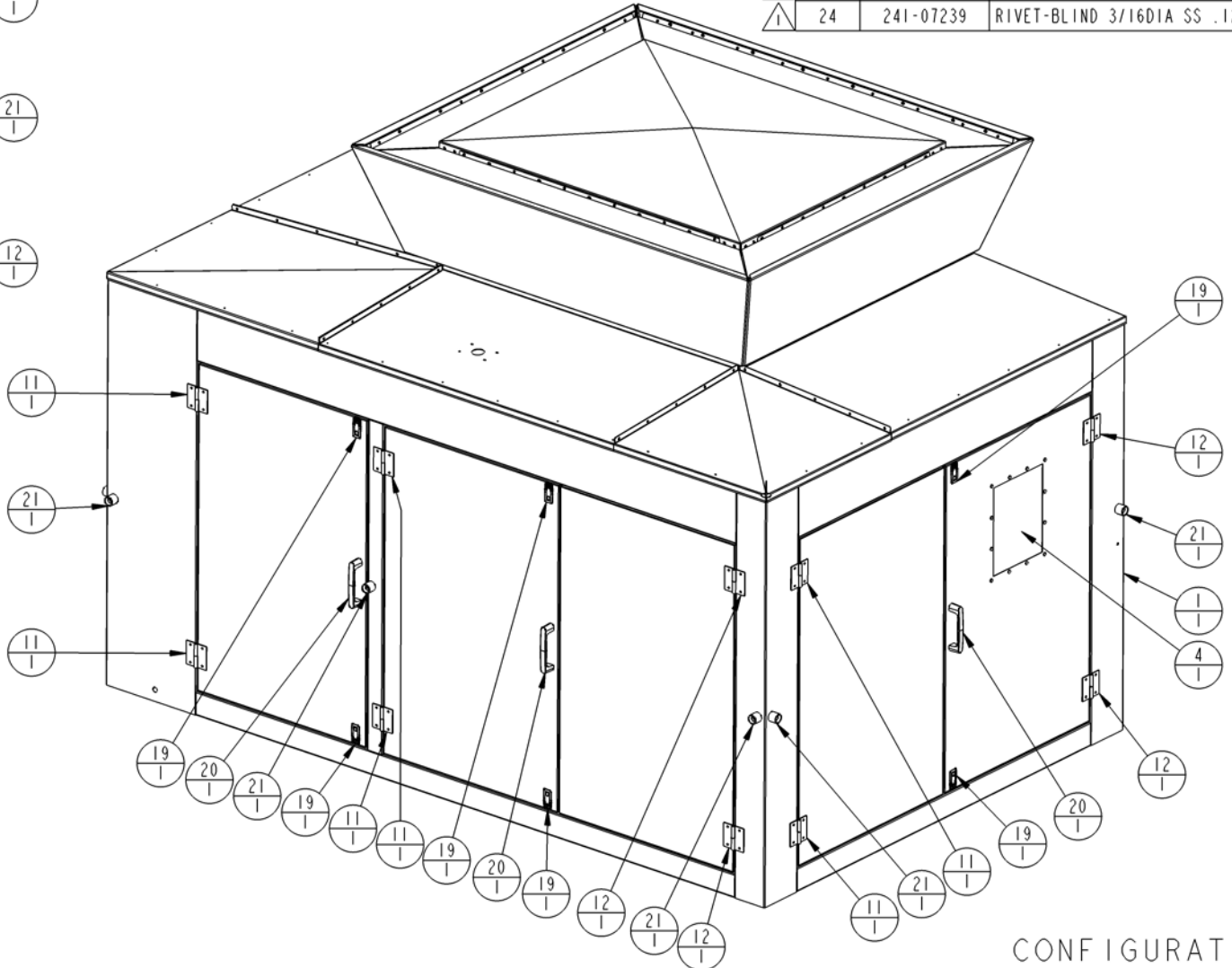
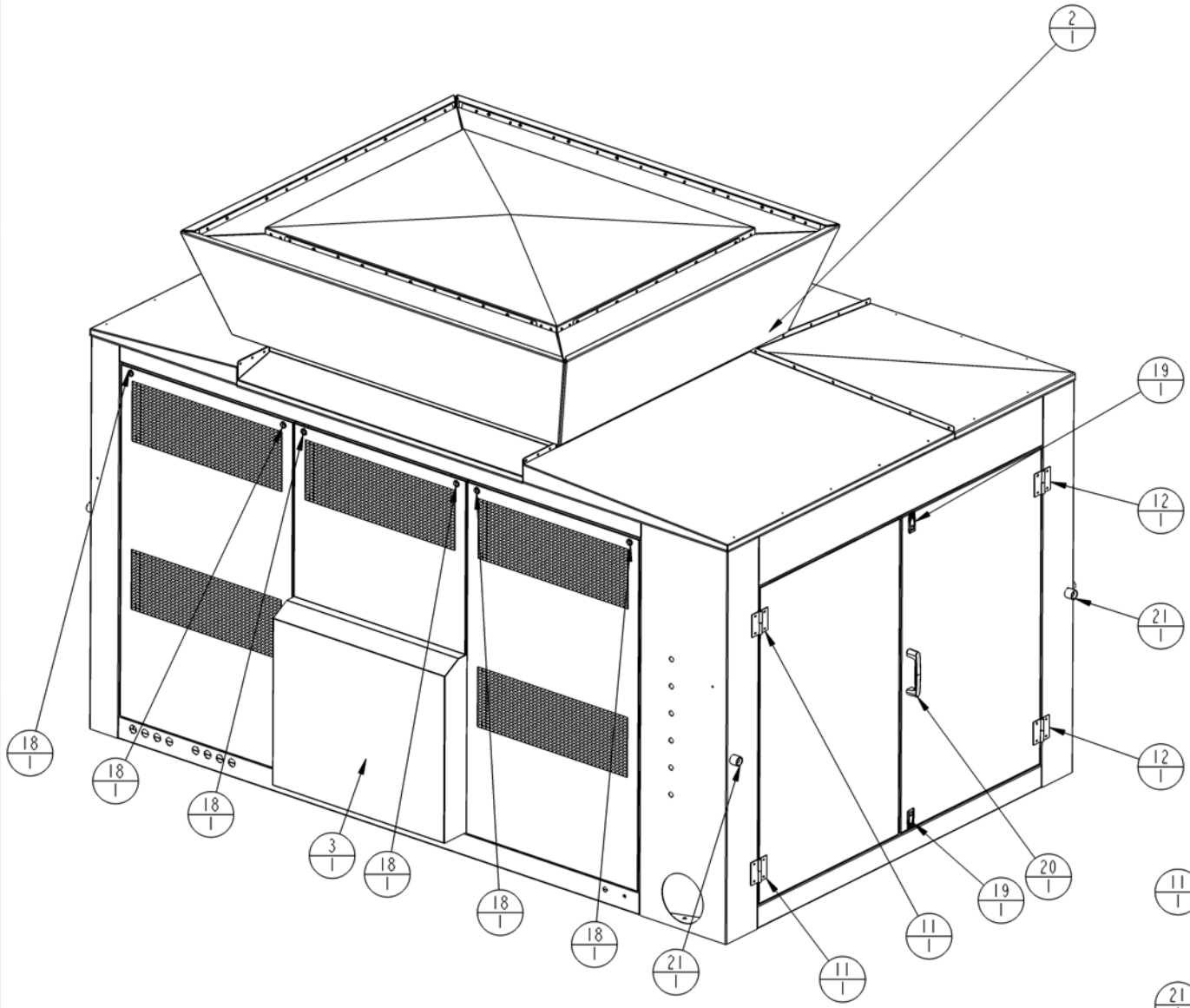
STANDARD ENCLOSURE WITH 10.39 DOGHOUSE
(P/N 002-21-002-3)
SCALE 0.040

STANDARD ENCLOSURE WITH 11.89 DOGHOUSE
(P/N 002-21-002-4)
SCALE 0.040

B 08/01/2011 SEE ECN 120210-02.		C 1/17/2012 SEE ECN# 130107-05	
A 08/03/2011 INITIAL RELEASE		REV DATE/BY DESCRIPTION	
REV DATE/BY DESCRIPTION		TITLE ENCLOSURE, NG300E	
ANGI ENERGY SYSTEMS 305 W DELAVAN DR JANESVILLE, WI 53546 PH: 608-563-2000 www.angienergy.com		CUSTOMER PROJECT NO.	
UNLESS OTHERWISE SPECIFIED BRAIN SHARP EDGES .005 - .015 ALL DIMENSIONS IN INCHES FRACTIONAL ± 1/8 TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005 ANGLES ± 1°		SHEET 1 of 6 SCALE 0.040	
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		DRAWING NO. 002-21-002	
		REV. C	

- NOTE:
- 1 BALLOON AND COMPONENT NOT SHOWN
 - 2. USE 2 LAYERS OF INSULATION ON ALL DOORS PANELS AND CORNER POSTS
 - 3. USE 1 LAYER OF INSULATION ON ROOF PANELS

ITEM	NAME	DESCRIPTION	QTY
1	0924-08300	ENCLOSURE, NG300E STANDARD	1
2	0924-08006	EXHAUST HOOD ASSEMBLY, 79.8 X 69.6 X 20.8	1
3	924-08314	PANEL ASSY, REMOVABLE, 35.533 X 31.25 X 7.57 X 16 GA	1
4	004-07239	GLASS-LEXAN 1/4x14x17 SMOKED T	1
5	005-07230	SOUND ATTENUATION FOAM STRIP, 3/8 X 1	464 IN
6	031-00025	ALUM-DIAMOND PLATE 1/8	180 SQ IN
7	100-07306	SEAL-TRIM WITH #4 BULB (3000")	1000 IN
8	100-07323	INSULATION-FIRE SPAN 90 W/FOIL	70
9	105-07233	CAULK, ROPE, TAN, 1/8 X 1/2 X 25'	2
10	105-07236	CAULK, SILICONIZED ACRYLIC ADHESIVE SEALANT, CLEAR TUBE	3
11	200-07263	HINGE-DOOR 4x4 LH SS TYPEA	8
12	200-07264	HINGE-DOOR 4x4 RH SS TYPEB	6
13	260-07261	WASHER-STUD INSULATION PIN STYLE	300
14	300-07604	STUD-WELD, 12GA X 1 1/2"LG, MLD STL	100
15	300-07605	STUD-WELD, 12GA X 2 1/2" LG, MLD STL	200
16	482-07236	BUTTON-ESD EXTENSION 40MM MUSH	1
17	482-07237	BUTTON-ESD EXTENSION PUSH ROD	1
18	700-07457	LATCH-1/4 TURN ASSY SLOTTED	6
19	700-07458	LATCH, 1/4 TURN ASSY, KEYED FLUSH	8
20	700-07461	HANDLE, LARGE DOOR	4
21	700-07501	LATCH-DOOR OPEN SOCKET/PLUNGER	7
22	780-07235	CAP-RUBBER EPDM, NON THRD, BLK	300
23	100-07339	INSULATION-FIBERGLASS R19 UNFC	1
24	241-07239	RIVET-BLIND 3/16DIA SS .126-.250 GRIP RANGE	70



CONFIGURATION OF 002-21-002-2

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305 W DELAVAN DR
JAMESVILLE, WI 53546
PH: 800-563-2000
www.angienergy.com

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BREAK SHARP EDGES .005 - .015

ALL DIMENSIONS IN INCHES

FRACTIONAL ± 1/8

TWO PLACE DECIMAL ± .010

THREE PLACE DECIMAL ± .005

ANGLES ± 1°

TITLE		ENCLOSURE, NG300E	
CUSTOMER		PROJECT NO.	
SHEET 3 of 6	SCALE 0.075	DRAWING NO. 002-21-002	
DRAWN BY HBB	DATE 11/03/2010	REV. C	

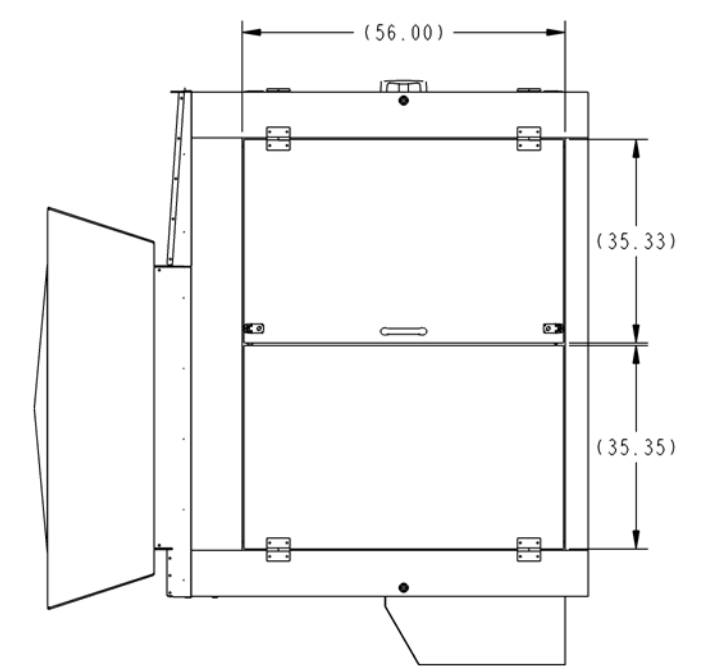
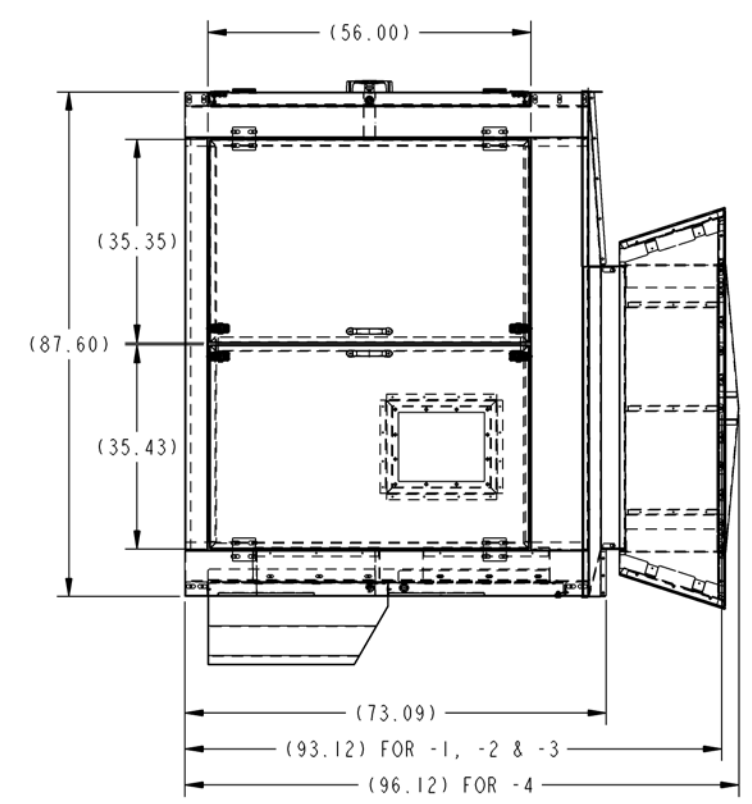
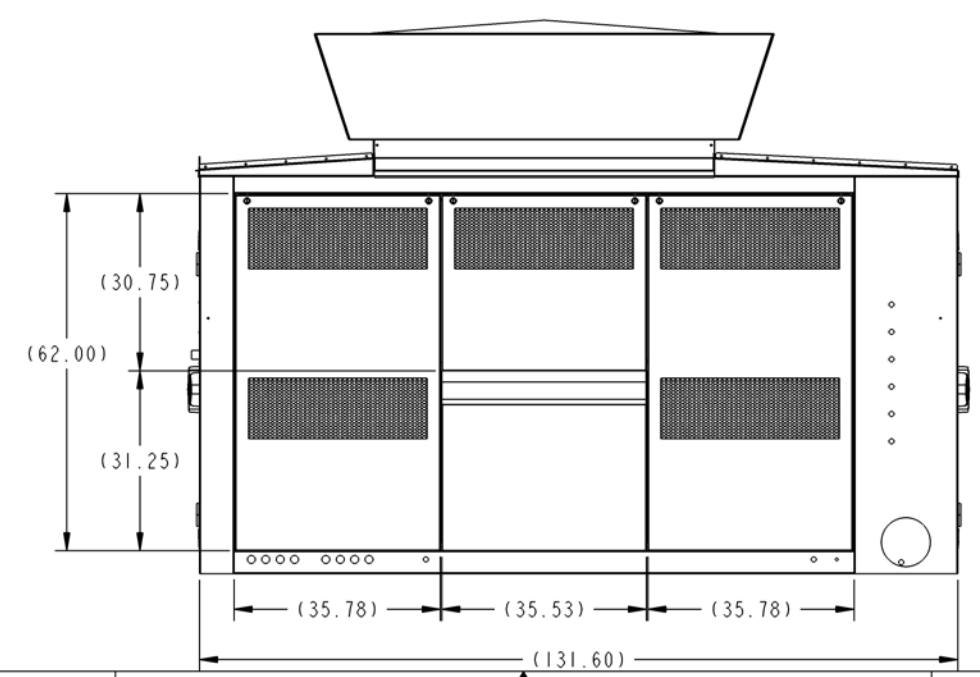
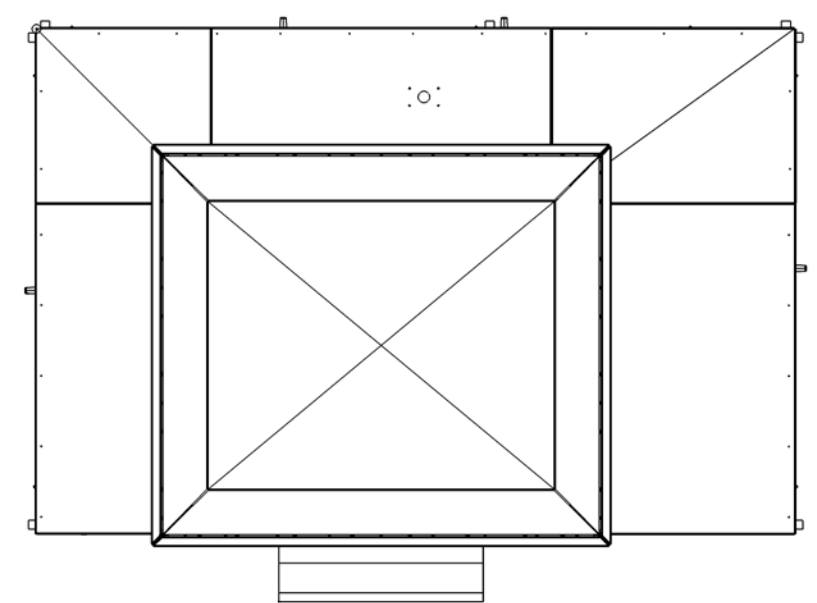
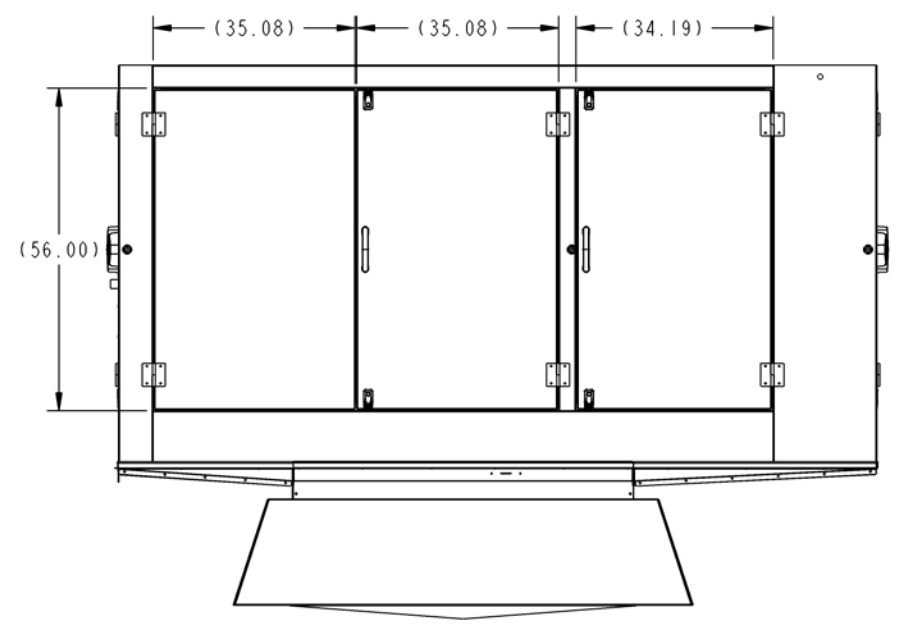
8 7 6 5 4 3 2 1

D

C

B

A



 ANGI ENERGY SYSTEMS		ANGI ENERGY SYSTEMS 505 W DELAVAN DR JANESVILLE, WI 53546 PH: 608-563-2000 www.angienergy.com		UNLESS OTHERWISE SPECIFIED BREAK SHARP EDGES .005 - .015 ALL DIMENSIONS IN INCHES FRACTIONAL ± 1/8 TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005 ANGLES ± 1°		TITLE ENCLOSURE, NG300E		PROJECT NO.	
SHEET 6 of 6		SCALE 0.040		DRAWING NO.		REV.			
DRAWN BY HBB		DATE 11/03/2010		002-21-002		C			

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8 7 6 5 4 3 2 1

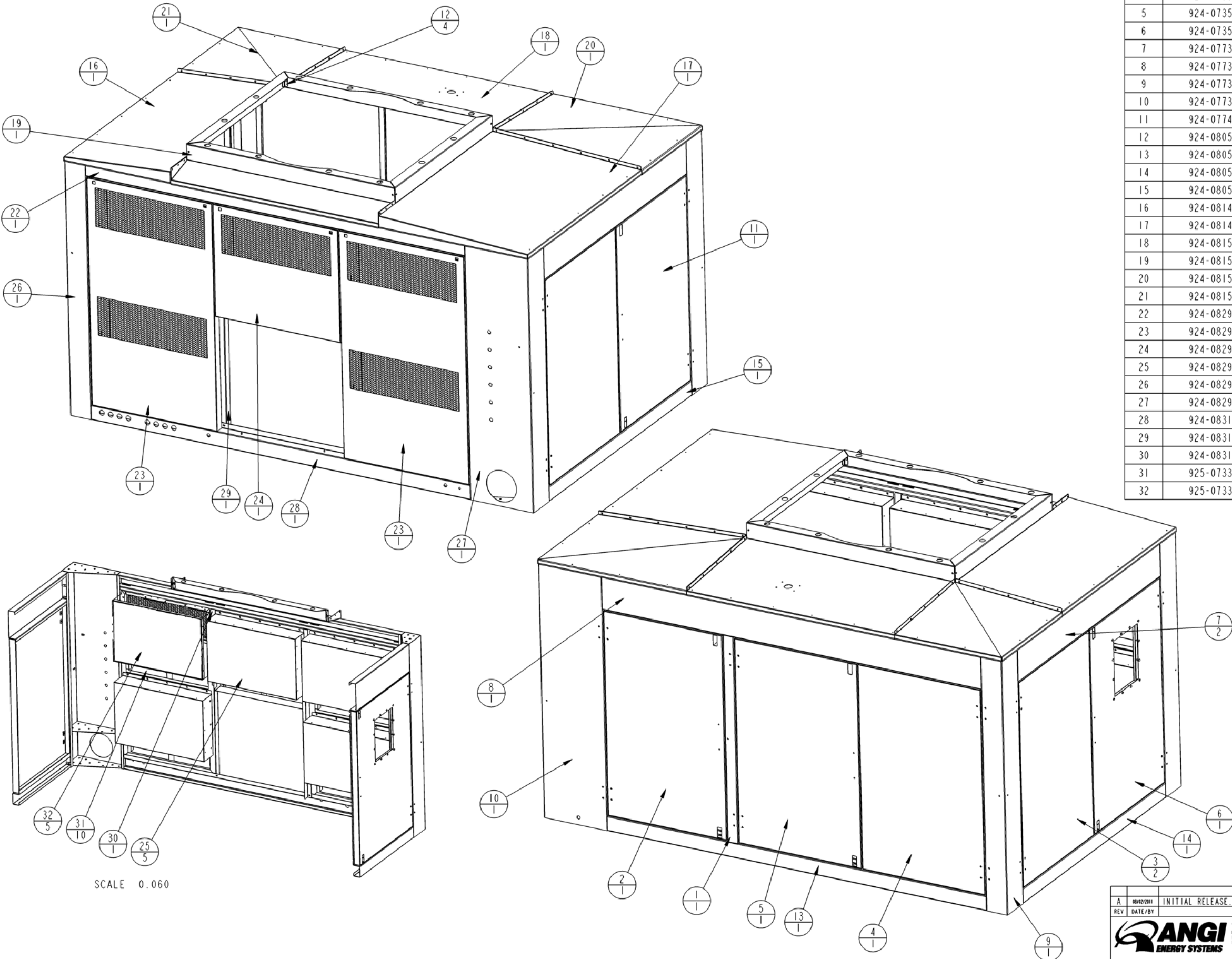
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C

B

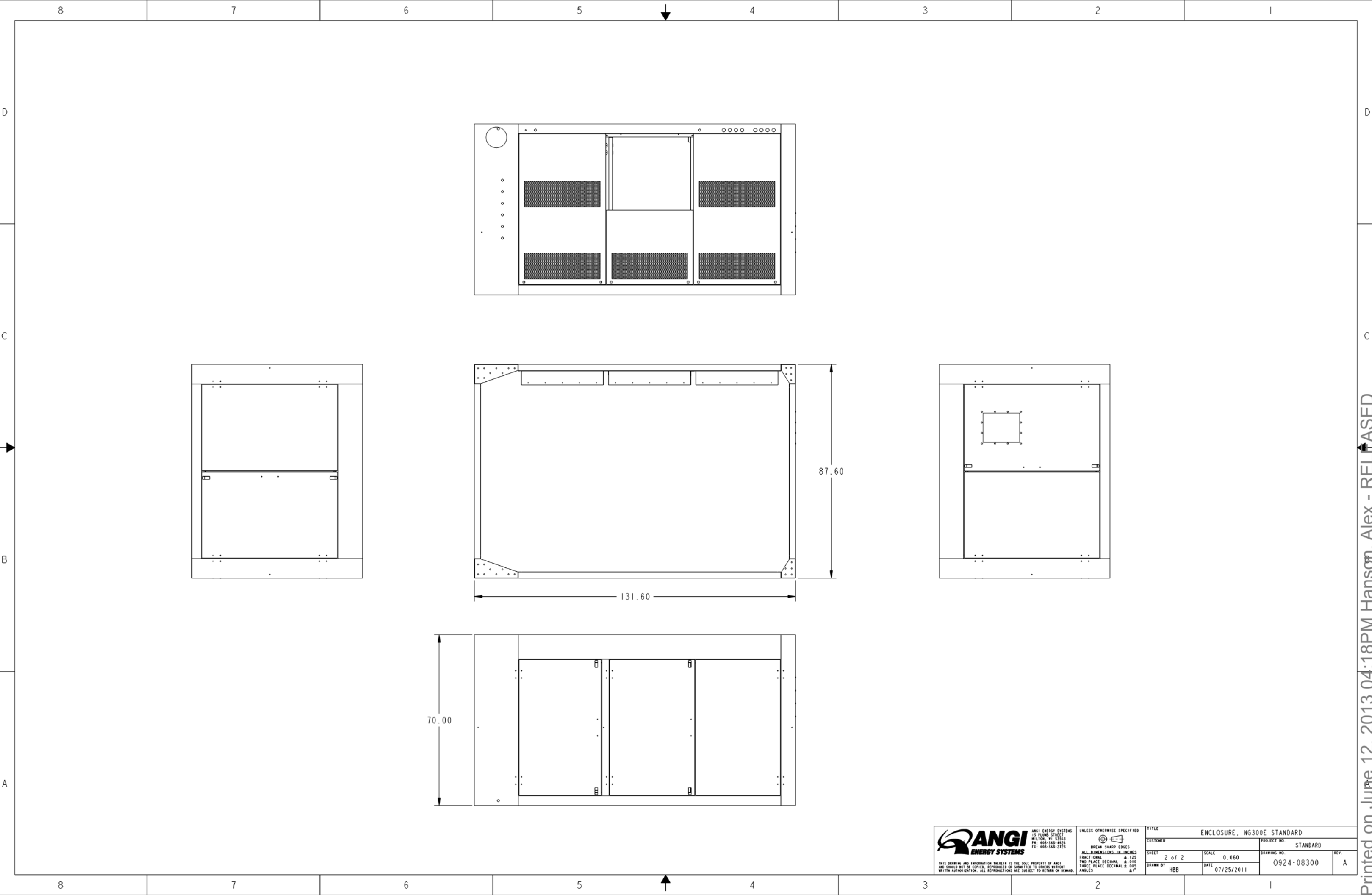
A

NOTES:
1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-2009.



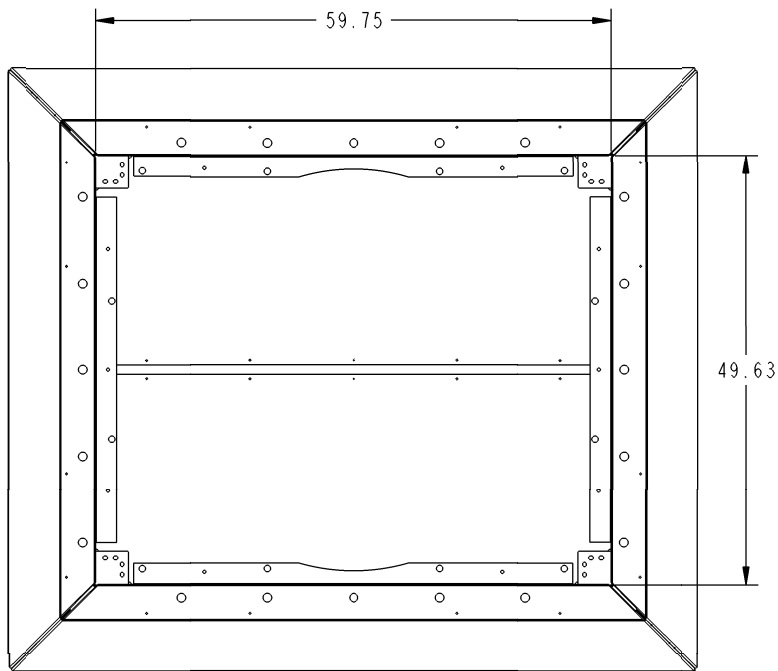
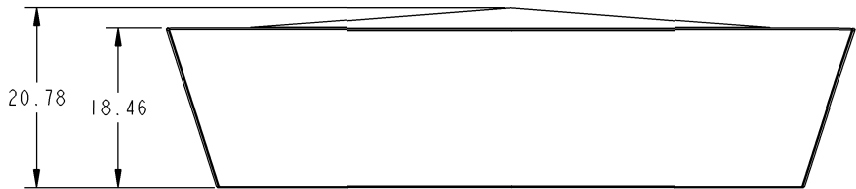
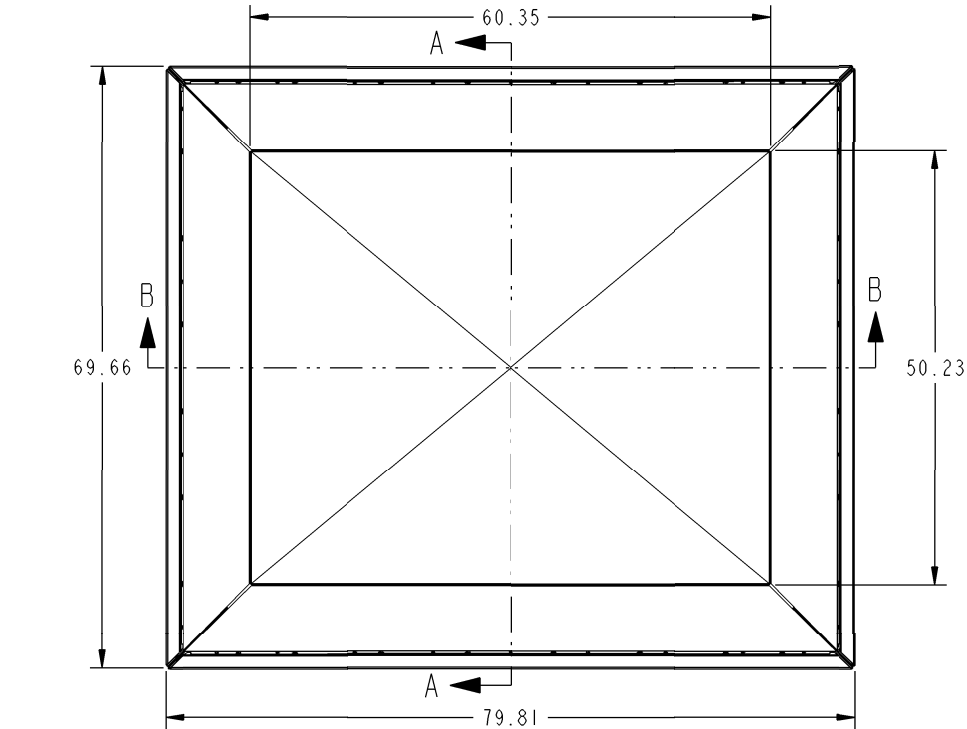
ITEM	NAME	DESCRIPTION	QTY
1	924-07338	PANEL WELDMENT - DOOR SUPPORT VERTICAL MINISKID	1
2	924-07347	PANEL WELDMENT - DOOR, FRONT LEFT, MINISKID	1
3	924-07348	PANEL WELDMENT - DOOR, INNER SIDE, MINISKID	2
4	924-07350	PANEL WELDMENT-DOOR, RIGHT FRONT, MINISKID	1
5	924-07351	PANEL WELDMENT-DOOR, FRONT MIDDLE, MINISKID	1
6	924-07352	PANEL WELDMENT-DOOR WITH WINDOW, MINISKID	1
7	924-07731	HEADER WELDMENT, 71.6 X 10.0 X 2.5 X 12 GA	2
8	924-07732	HEADER WELDMENT, 107.6 X 10.0 X 2.5 X 12 GA	1
9	924-07734	CORNER POST WELDMENT, 70.0 X 8.0 X 6.0 X 12 GA	1
10	924-07737	CORNER POST WELDMENT, 70.0 X 18.0 X 8.0 X 12 GA	1
11	924-07745	PANEL WELDMENT-DOOR, FRONT MIDDLE, HI HP NG300	1
12	924-08053	WELDMENT, CHIMNEY SUPPORT, 3.75 X 1.0 X 1.0 X 14 GA	4
13	924-08056	FOOTER WELDMENT, 107.6 X 4.0 X 2.5 X 12 GA	1
14	924-08057	FOOTER WELDMENT, 71.6 X 4.0 X 2.5 X 12 GA	1
15	924-08058	FOOTER WELDMENT, 71.6 X 4.0 X 2.5 X 12 GA	1
16	924-08146	ROOF PANEL, 49.0 X 30.31 X 7.4 X 14 GA	1
17	924-08147	ROOF PANEL, 49.0 X 42.4 X 7.5 X 14 GA	1
18	924-08150	ROOF PANEL, 59.0 X 30.6 X 7.5 X 14 GA	1
19	924-08151	ROOF PANEL, 59.0 X 8.2 X 7.3 X 14 GA	1
20	924-08152	PANEL, ROOF, 42.38 X 30.5 X 3.10 X 14 GA	1
21	924-08153	PANEL, ROOF, 30.5 X 30.5 X 3.1 X 14 GA	1
22	924-08290	HEADER WELDMENT, 107.6 X 4.0 X 2.5 X 12 GA	1
23	924-08291	PANEL, REMOVABLE VENT, 61.75 X 35.53 X 2.38 X 18 GA	2
24	924-08292	PANEL, REMOVABLE VENT, 35.53 X 30.5 X 2.38 X 18 GA	1
25	924-08293	VENT ASSY 33.65 X 22.0 X 6.125 X 18 GA	5
26	924-08294	CORNER POST WELDMENT, 70.0 X 8.0 X 6.0 X 12 GA	1
27	924-08295	CORNER POST WELDMENT, 70.0 X 18.0 X 8.0 X 12 GA	1
28	924-08311	FOOTER WELDMENT, 107.6 X 4.0 X 2.5 X 12 GA	1
29	924-08312	SUPPORT ANGLE, 2.0 X 1.5 X 60.75, VENT PANEL	1
30	924-08315	SUPPORT ANGLE, 2.0 X 1.75 X 27.75, VENT PANEL	1
31	925-07333	PERFORATED, SHEET METAL, 16.38 X 16.0 X .5 X 22 GA GALV	10
32	925-07334	PERFORATED, SHEET METAL, 33.38 X 21.8 X 1.0 X 22 GA GALV	5

A 08/02/2011 INITIAL RELEASE.		TITLE ENCLOSURE, NG300E STANDARD	
REV	DATE/REV	DESCRIPTION	DESCRIPTION
ANGI ENERGY SYSTEMS 15 PLUMB STREET MILTON, WI 53543 PH: 800-868-4826 FX: 800-868-2723		UNLESS OTHERWISE SPECIFIED BREAK SHARP EDGES ALL DIMENSIONS IN INCHES FRACTIONAL ± .125 TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005 ANGLES ± 1°	
CUSTOMER		PROJECT NO.	STANDARD
SHEET 1 of 2		SCALE 0.080	DRAWING NO. 0924-08300
DRAWN BY HBB		DATE 07/25/2011	REV. A

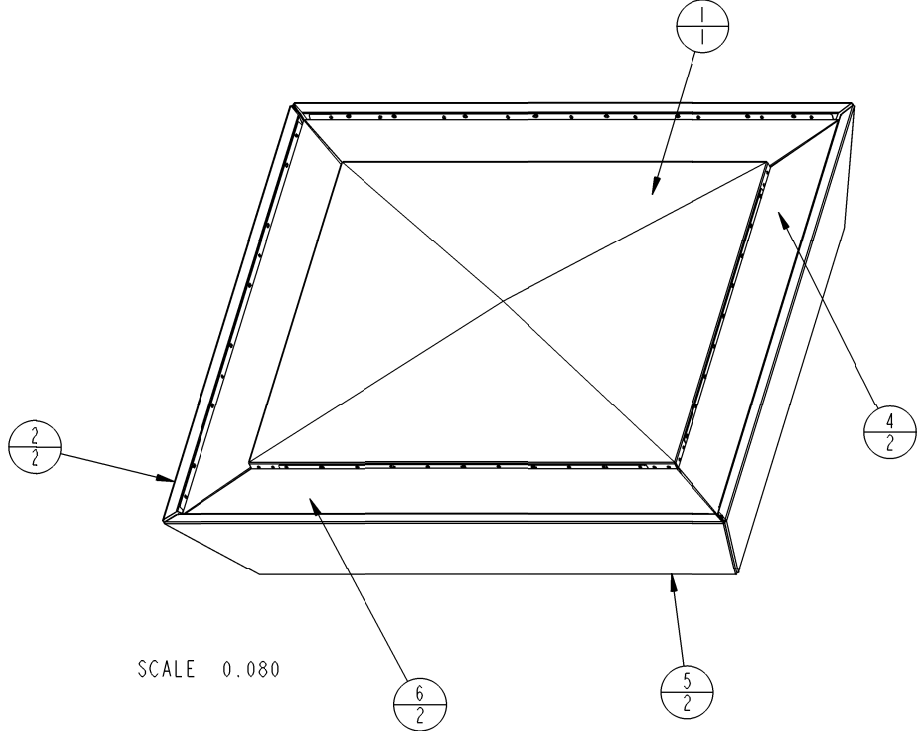


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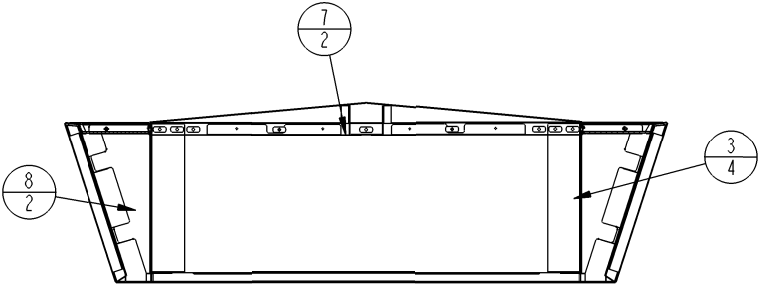
1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-2009.



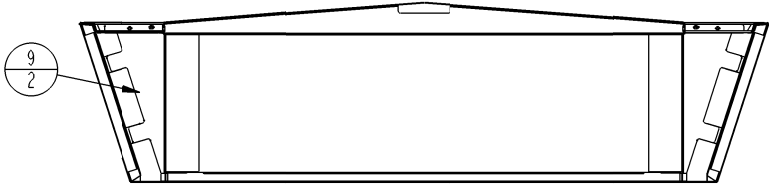
ITEM	NAME	DESCRIPTION	QTY
1	924-08660	EXHAUST HOOD CAP ASSEMBLY, 50.23 X 60.23 X 14 GA	1
2	924-08661	EXHAUST HOOD ANGLED SIDE ASSEMBLY 69.0 X 18.4 X 14 GA	2
3	924-08662	EXHAUST HOOD LEG SUPPORT, 17.0 X 4.0 X 4.0 X 12 GA	4
4	924-08663	EXPANDED MESH ASSEMBLY 65.5 X 7.6	2
5	924-08665	EXHAUST HOOD ANGLED SIDE ASSEMBLY 79.0 X 18.4 X 14 GA	2
6	924-08666	EXPANDED MESH ASSEMBLY 75.5 X 7.66	2
7	925-07403	SHEET - PERFORATED, 60.0 X 24.5 X 22 GA GALV	2
8	925-07405	SHEET - PERFORATED, 66.0 X 18.9 X 22 GA GALV	2
9	925-07406	SHEET - PERFORATED, 76.0 X 18.9 X 22 GA GALV	2



SCALE 0.080



SECTION A-A



SECTION B-B

A		07/17/12	INITIAL RELEASE.				
REV	DATE/BY	DESCRIPTION	UNLESS OTHERWISE SPECIFIED	REV	DATE/BY	DESCRIPTION	
		ANGI ENERGY SYSTEMS 305 W DELAVAN DR JAMESVILLE, WI 53546 PH: 608-563-2800 www.angienergy.com	BREAN SHARP EDGES .005 - .015 ALL DIMENSIONS IN INCHES FRACTIONAL ± 1/8 DECIMAL ± .010 THREE PLACE DECIMAL ± .005 ANGLES ± 1°	TITLE EXHAUST HOOD ASSEMBLY, 79.8 X 69.6 X 20.8		PROJECT NO.	
				CUSTOMER		DRAWING NO.	
				SHEET 1 of 1		SCALE 0.090	
				DRAWN BY ZWP		DATE 07/17/2012	
						0924-08006	
						REV. A	

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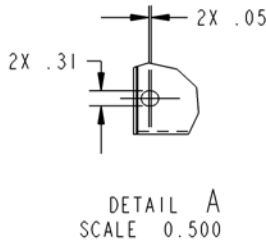
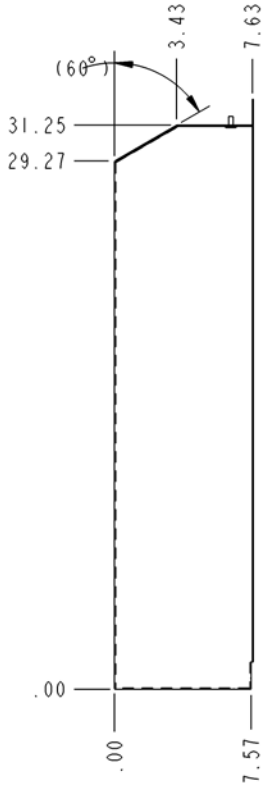
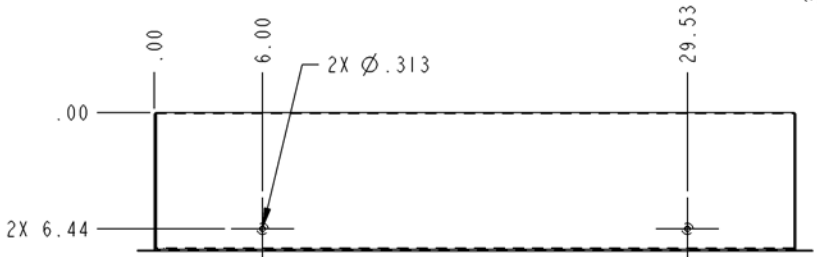
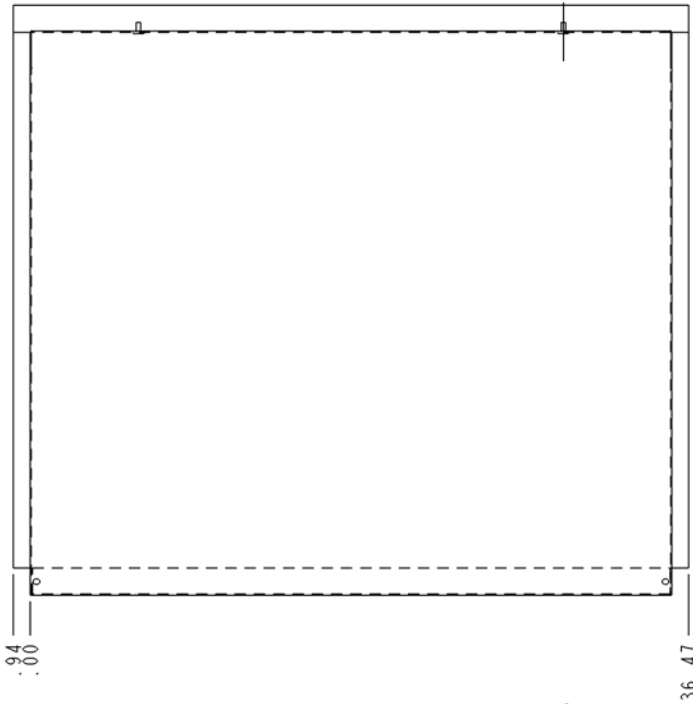
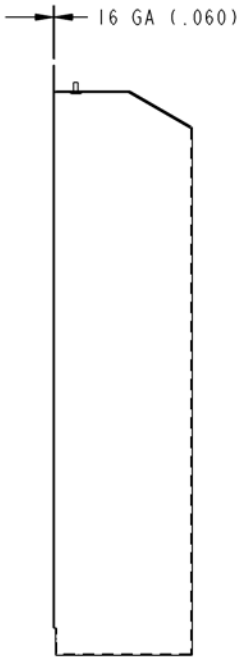
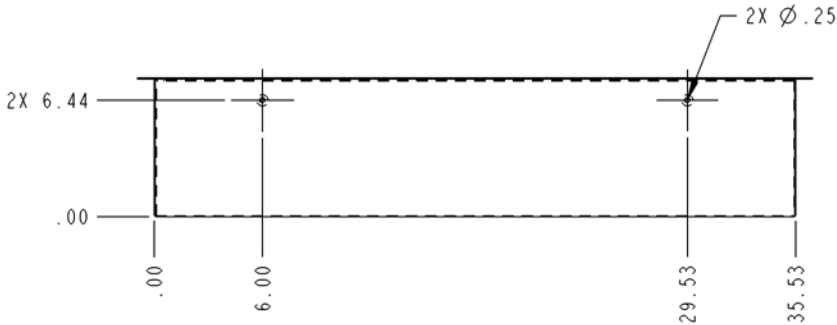
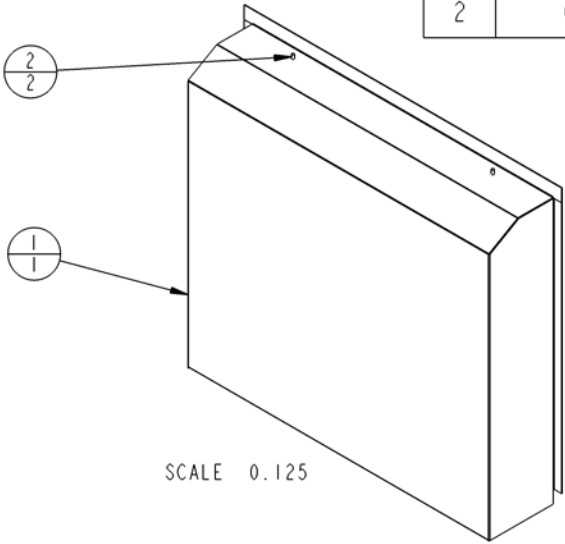
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NOTES:

- 1. DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-2009.
- 2. WELD SYMBOLS IN ACCORDANCE WITH AWS A2.4-86.
- 3. DEBURR ALL EDGES .005 - .015.
- 4. MATERIAL: STEEL SHEET, 16 GA (.059) P & O.
- 5. POWDER COAT MACHINE COLOR
- 6. ALL BENDS ARE 90° UNLESS OTHERWISE NOTED.
- 7. IDENTIFY PART WITH PART NUMBER USING NON-DESTRUCTIVE METHOD. LETTER HEIGHT SHALL BE .50 MIN.

ITEM	NAME	DESCRIPTION	QTY	LENGTH
1	924-08314-1	PANEL, MOTOR, 35.53 X 31.25 X 7.0 X 16 GA	1	
2	0124724	WELDPIN 1/4 x 5/8L	2	

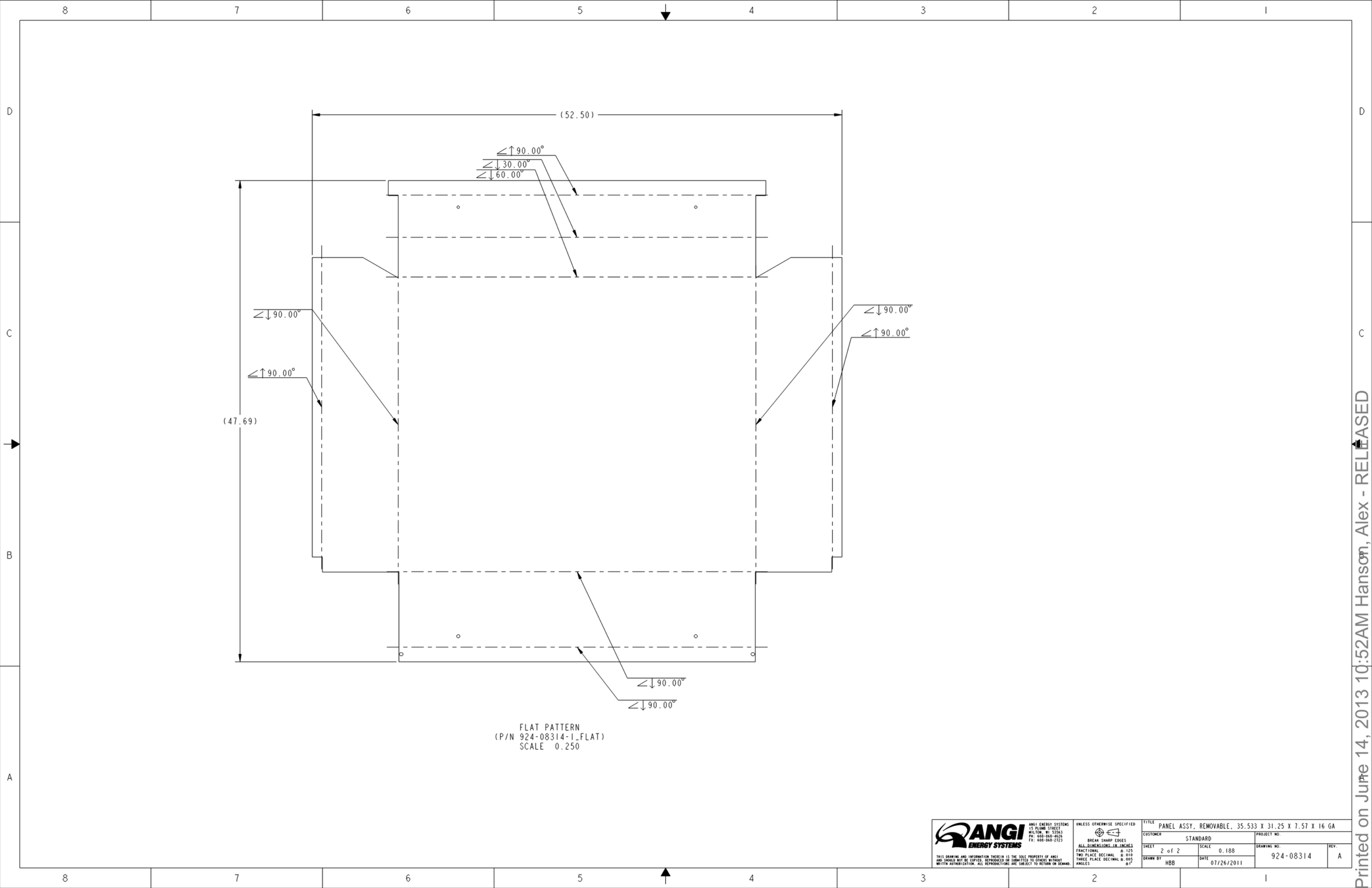


A		07/26/2011	INITIAL RELEASE.											
REV	DATE/BY		DESCRIPTION			REV	DATE/BY		DESCRIPTION					
 ANGI ENERGY SYSTEMS			ANGI ENERGY SYSTEMS 15 PLUMB STREET MILTON, VT 55163 PH: 605-888-4826 FX: 605-888-2723			UNLESS OTHERWISE SPECIFIED  BREAK SHARP EDGES ALL DIMENSIONS IN INCHES FRACTIONAL .125 TWO PLACE DECIMAL .010 THREE PLACE DECIMAL .005 ANGLES .1°			FILE			PANEL ASSY, REMOVABLE, 35.533 X 31.25 X 7.57 X 16 GA		
									CUSTOMER		STANDARD		PROJECT NO.	
									SHEET		SCALE		DRAWING NO.	
									1 of 2		0.188		924-08314	
									DRAWN BY		DATE		REV.	
									HBB		07/26/2011		A	



UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES
FRACTIONAL ± .125
TWO PLACE DECIMAL ± .010
THREE PLACE DECIMAL ± .005
ANGLES ± 1°

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FLAT PATTERN
(P/N 924-08314-1_FLAT)
SCALE 0.250



ANGI ENERGY SYSTEMS
15 PLUMB STREET
MILTON, WI 53563
PH: 608-868-4626
FX: 608-868-2723

UNLESS OTHERWISE SPECIFIED
BREAK SHARP EDGES
ALL DIMENSIONS IN INCHES
FRACTIONAL ± 1/32
TWO PLACE DECIMAL ± .010
THREE PLACE DECIMAL ± .005
ANGLES ± 1°

TITLE			
PANEL ASSY, REMOVABLE, 35.533 X 31.25 X 7.57 X 16 GA			
CUSTOMER		PROJECT NO.	
STANDARD			
SHEET 2 of 2		SCALE 0.188	
DRAWN BY HBB		DATE 07/26/2011	
DRAWING NO. 924-08314			REV. A