

CUST. NAME: CARRIER CORPORATION  
 PROJECT NO.: CHILLER CONTROLLER STANDARDS

P.O. NUMBER:

DESCRIPTION: H7410~35KAAISM  
 460V, 3Ø, 60HZ, 94~417RLA  
 TYPE 1 ENCLOSURE w/ISM MODULE  
 UL LISTED

FINAL

PRELIMINARY

FOR APPROVAL

Note: Final Engineering and Manufacturing will proceed upon receipt of final approval

NOT APPROVED AS NOTED - RESUBMIT DRAWINGS FOR APPROVAL. DO NOT PROCEED WITH FINAL ENGINEERING OR MANUFACTURING.

APPROVED AS NOTED - PROCEED WITH FINAL ENGINEERING AND MANUFACTURING.

APPROVED AS SUBMITTED - PROCEED WITH FINAL ENGINEERING AND MANUFACTURING.

APPROVAL BY: \_\_\_\_\_

Initial \_\_\_\_\_

Date \_\_\_\_\_

NO	DRAWING NO	REV	DRAWING DESCRIPTION
00	I608GJ00	1	DRAWING LIST
01	----	---	-----
02	I308GJ02	1	THREE-LINE DIAGRAM - 94~222RLA
03	I308GJ03	1	THREE-LINE DIAGRAM - 223~417RLA
04	----	---	-----
05	----	---	-----
06	----	---	-----
07	----	---	-----
08	I808GJ08	1	ISM MODULE INTERFACE
09	----	---	-----
10	----	---	-----
11	----	---	-----
12	----	---	-----
13	----	---	-----
14	I808GJ14	1	LOGIC INTERFACE CIRCUIT
15	----	---	-----

NO	DRAWING NO	REV	DRAWING DESCRIPTION
16	I808GJ16	1	RATINGS SHEET
17	----	---	-----
18	I808GJ18	1	DRAWING LEGEND
19	I108GJ19	1	ENCLOSURE OUTLINE - 94~176RLA
20	I108GJ20	1	ENCLOSURE OUTLINE - 177~222RLA
21	I108GJ21	1	ENCLOSURE OUTLINE - 223~280RLA
22	I108GJ22	0	ENCLOSURE OUTLINE - 281~417RLA
23	----	---	-----
24	----	---	-----
25	----	---	-----
26	----	---	-----
27	----	---	-----
28	----	---	-----
29	----	---	-----
30	----	---	-----
31	----	---	-----

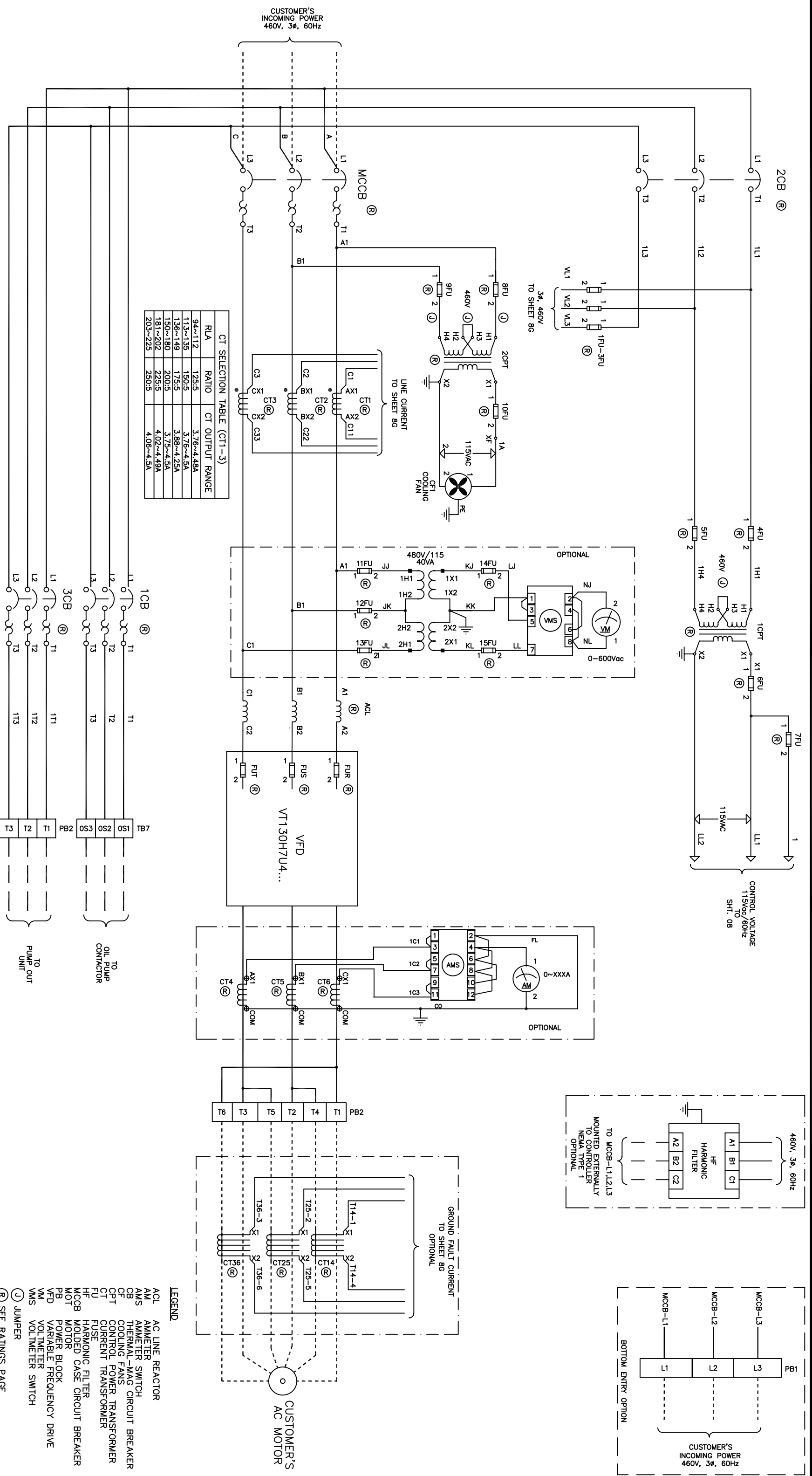
REV	DATE	DESCRIPTION	BY	CHK	APPR
4					
3					
2					
1	05/02/05	RELEASED FOR PRODUCTION	JTorres		
0	01/07/05	FIRST ISSUE	JTorres	GBF	RKR

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TITLE: DRAWING LIST  
 94~417RLA H7 460VAC  
 CUSTOMER NAME: PROJECT NO.:

REVISION: 1 SCALE: 1.0=1.5  
 DRAWING NO.: I608GJ00



REV	DATE	DESCRIPTION	BY	CHK	APPR
4					
3					
2					
1	05/05/05	RELEASED FOR PRODUCTION	GBF		
0	01/10/05	FIRST ISSUE	JTorres	GBF	RKRadb

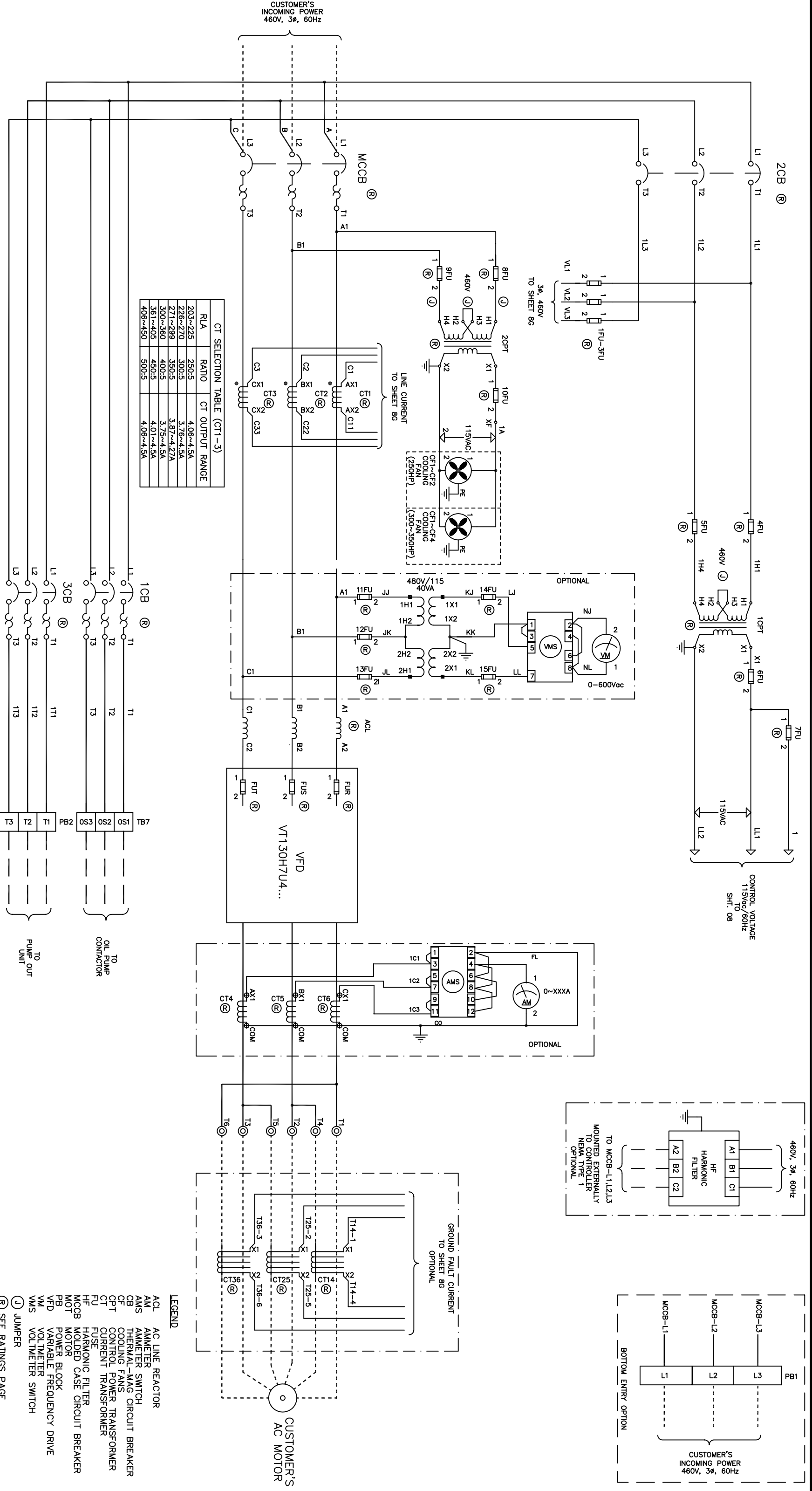
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TITLE:  
THREE LINE DIAGRAM  
94~222RLA H7 460VAC  
CUSTOMER:

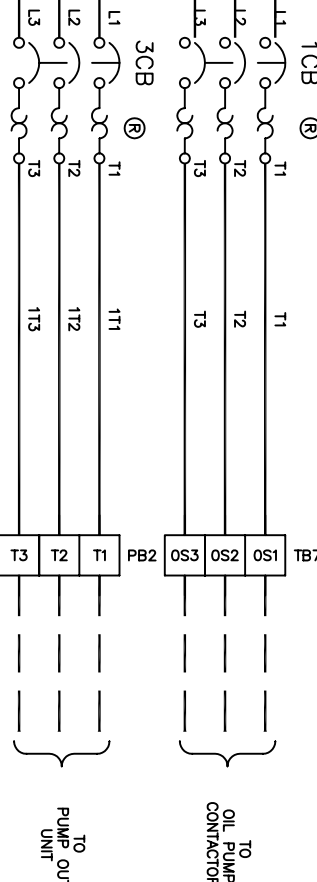
PROJECT NUMBER:

REVISION: 1  
SCALE: 1.0=2.5  
DRAWING NUMBER: 1308GJ02

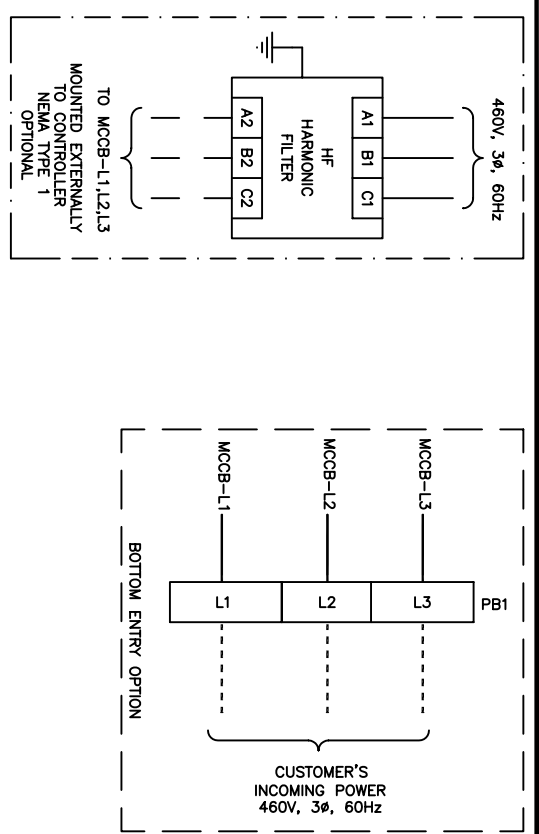


CT SELECTION TABLE (CT1-3)

RLA	RATIO	CT OUTPUT RANGE
203~225	250:5	4.06~4.5A
226~270	300:5	3.76~4.5A
271~299	350:5	3.87~4.27A
300~360	400:5	3.75~4.5A
361~405	450:5	4.01~4.5A
406~450	500:5	4.06~4.5A



- LEGEND
- ACL AC LINE REACTOR
  - AM AMMETER
  - AMS AMMETER SWITCH
  - CB THERMAL-MAG CIRCUIT BREAKER
  - CF COOLING FANS
  - CPT CONTROL POWER TRANSFORMER
  - CT CURRENT TRANSFORMER
  - FU FUSE
  - HF HARMONIC FILTER
  - MOT MOTOR
  - MCCB MOLDED CASE CIRCUIT BREAKER
  - MOT POWER BLOCK
  - VFD VARIABLE FREQUENCY DRIVE
  - VM VOLTMETER
  - VMS VOLTMETER SWITCH
  - Ⓜ JUMPER
  - Ⓡ SEE RATINGS PAGE



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3					
2					
1	05/05/05	RELEASED FOR PRODUCTION	GBF		
0	01/10/05	FIRST ISSUE	JTorres	GBF	RKRadb

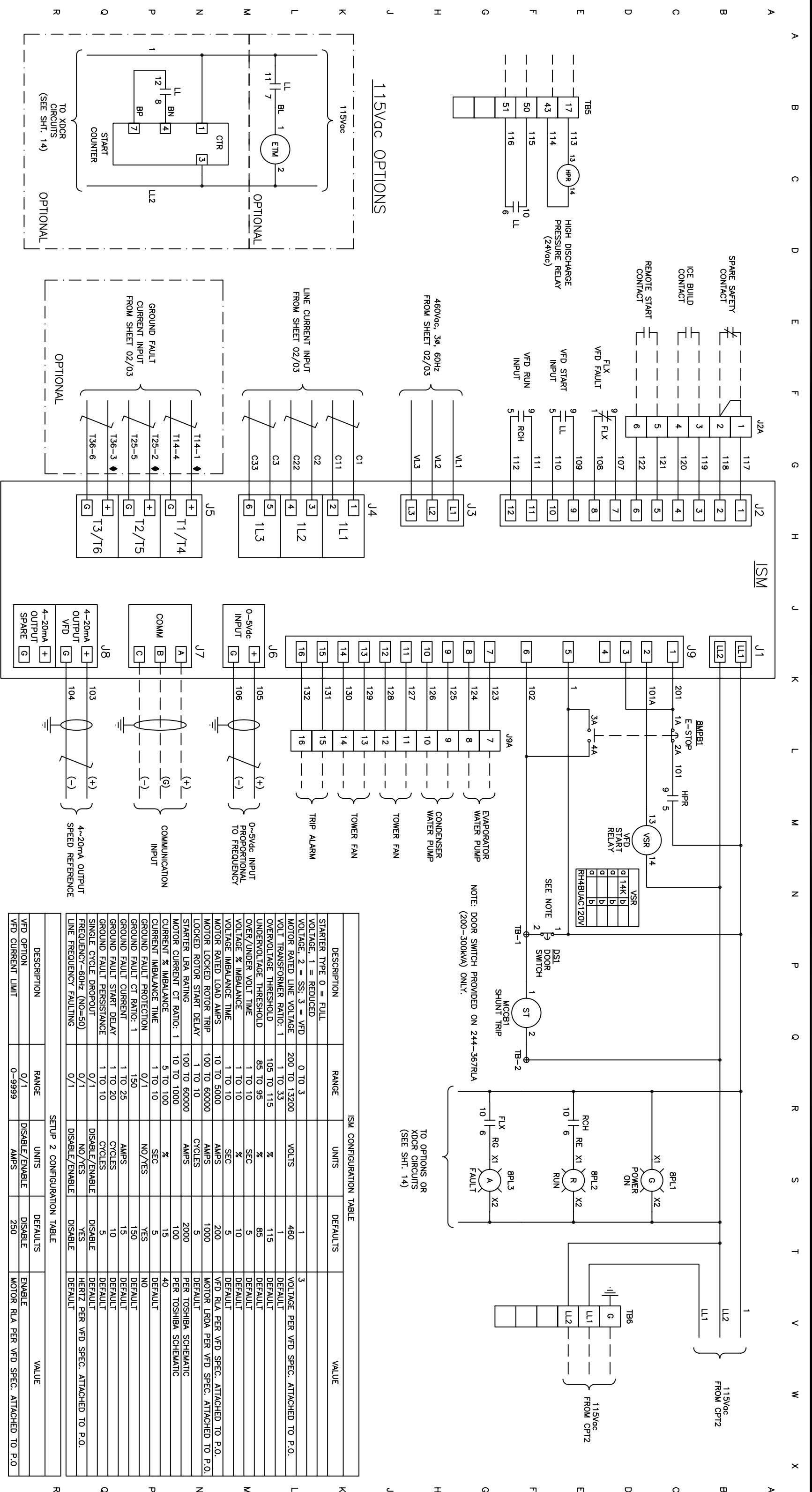
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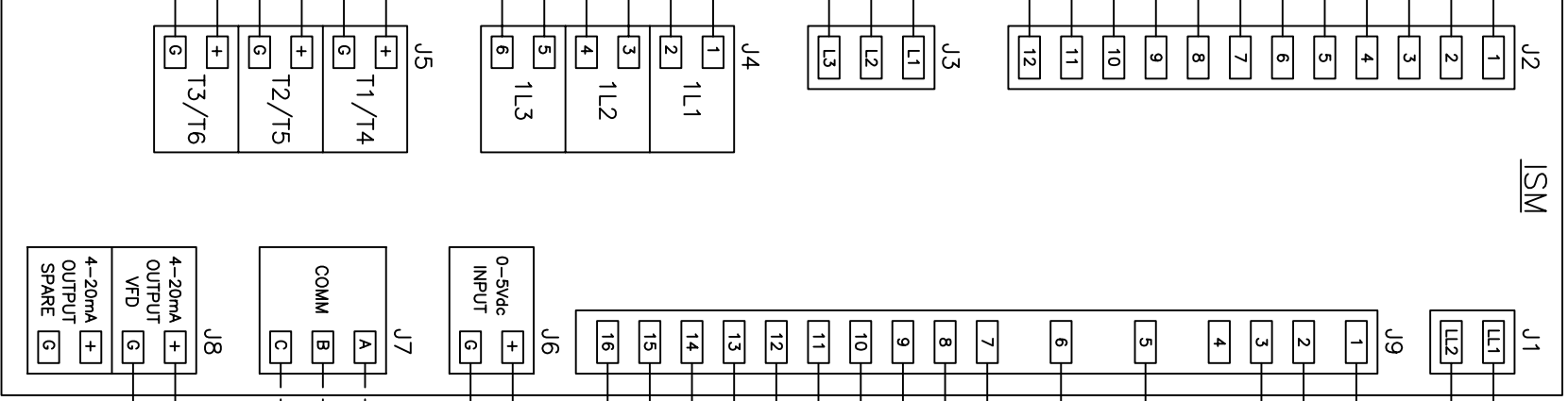
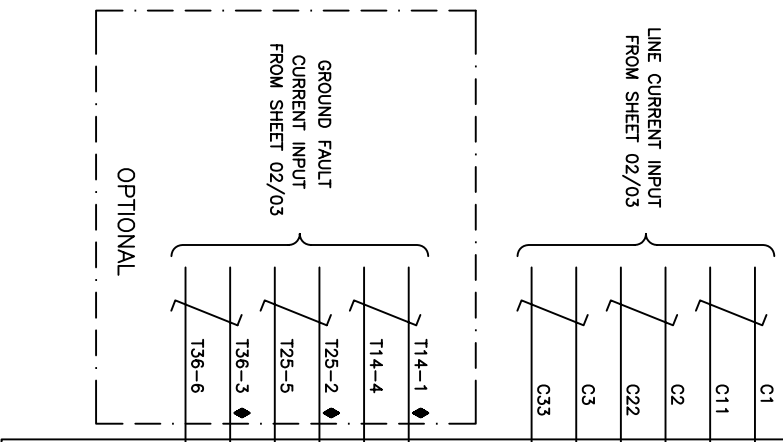
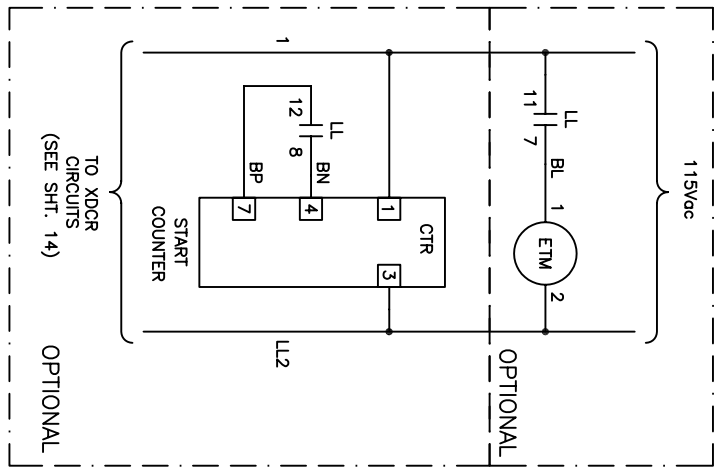
TITLE:  
 THREE LINE DIAGRAM  
 223~417RLA H7 460VAC  
 CUSTOMER:

PROJECT NUMBER:

REVISION: 1 SCALE: 1.0=2.5  
 DRAWING NUMBER: 1308GJ03



115Vdc OPTIONS



NOTE: DOOR SWITCH PROVIDED ON 244-367RLA (200-300KVA) ONLY.

TO OPTIONS OR XOCR CIRCUITS (SEE SHT. 14)

ISM CONFIGURATION TABLE

DESCRIPTION	RANGE	UNITS	DEFAULTS	VALUE
STARTER TYPE 0 = FULL VOLTAGE, 1 = REDUCED	0 TO 3		1	3
VOLTAGE, 2 = SS, 3 = VFD	200 TO 13200	VOLTS	460	VOLTAGE PER VFD SPEC. ATTACHED TO P.O.
MOTOR RATED LINE VOLTAGE	1 TO 33	%	1	DEFAULT
VOLT TRANSFORMER RATIO: 1	105 TO 115	%	115	DEFAULT
OVERVOLTAGE THRESHOLD	85 TO 95	%	85	DEFAULT
UNDERVOLTAGE THRESHOLD	1 TO 10	SEC	5	DEFAULT
VOLTAGE % IMBALANCE	1 TO 10	%	10	DEFAULT
VOLTAGE IMBALANCE TIME	1 TO 10	SEC	5	DEFAULT
MOTOR RATED LOAD AMPS	10 TO 5000	AMPS	200	VFD RLA PER VFD SPEC. ATTACHED TO P.O.
MOTOR LOCKED ROTOR TRIP	100 TO 60000	AMPS	1000	MOTOR LRDA PER VFD SPEC. ATTACHED TO P.O.
LOCKED ROTOR START DELAY	1 TO 10	CYCLES	5	DEFAULT
STARTER LRA RATING	100 TO 60000	AMPS	2000	PER TOSHIBA SCHEMATIC
MOTOR CURRENT CT RATIO: 1	10 TO 1000	%	100	PER TOSHIBA SCHEMATIC
CURRENT % IMBALANCE	5 TO 100	%	15	40
CURRENT IMBALANCE TIME	1 TO 10	SEC	5	DEFAULT
GROUND FAULT PROTECTION	0/1	NO/YES	YES	NO
GROUND FAULT CT RATIO: 1	150	NO/YES	YES	DEFAULT
GROUND FAULT CURRENT	1 TO 25	AMPS	15	DEFAULT
GROUND FAULT START DELAY	1 TO 20	CYCLES	10	DEFAULT
GROUND FAULT PERSISTANCE	1 TO 10	CYCLES	5	DEFAULT
SINGLE CYCLE DROP/OUT	0/1	DISABLE/ENABLE	DISABLE	DEFAULT
FREQUENCY-60Hz (NO=50)	0/1	NO/YES	YES	HERTZ PER VFD SPEC. ATTACHED TO P.O.
LINE FREQUENCY FAULTING	0/1	DISABLE/ENABLE	DISABLE	DEFAULT

SETUP 2 CONFIGURATION TABLE

DESCRIPTION	RANGE	UNITS	DEFAULTS	VALUE
VFD OPTION	0/1	DISABLE/ENABLE	DISABLE	ENABLE
VFD CURRENT LIMIT	0-9999	AMPS	250	MOTOR RLA PER VFD SPEC. ATTACHED TO P.O.

REV	DATE	DESCRIPTION	BY	CHK	APPR
0	01/07/05	FIRST ISSUE	JTorres	GBF	RKR
1	05/02/05	RELEASED FOR PRODUCTION	JTorres		
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3					
4					

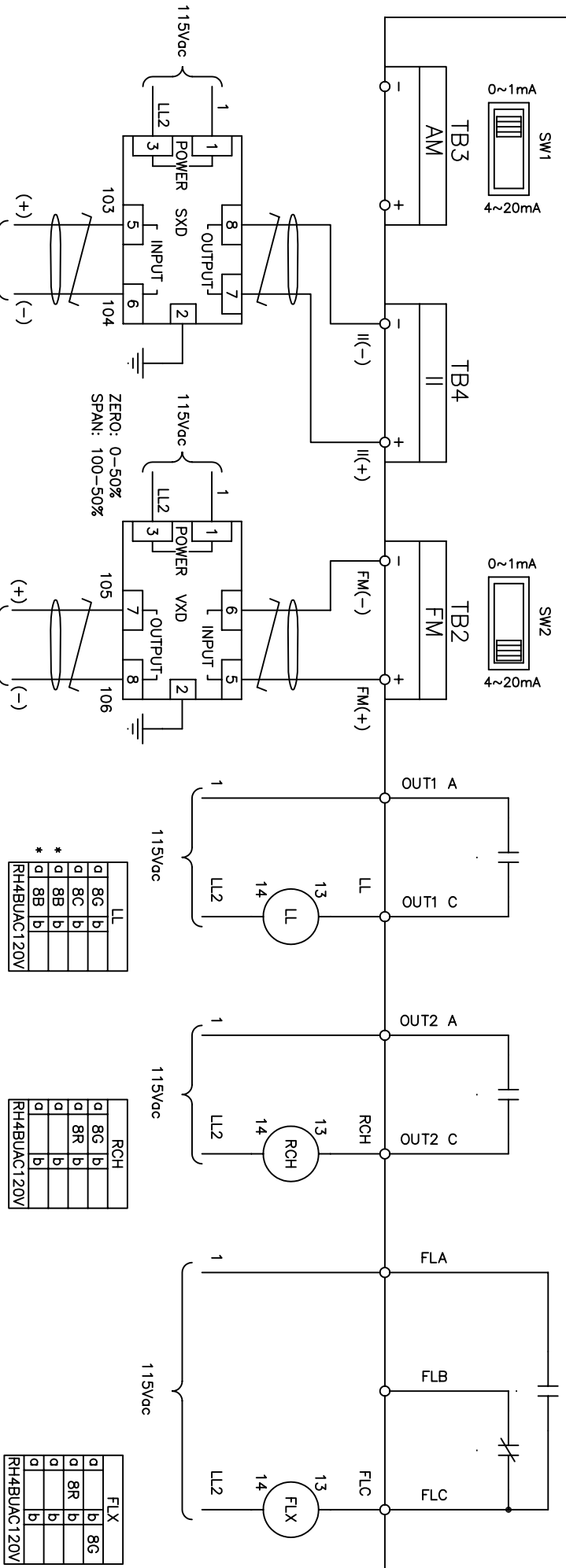
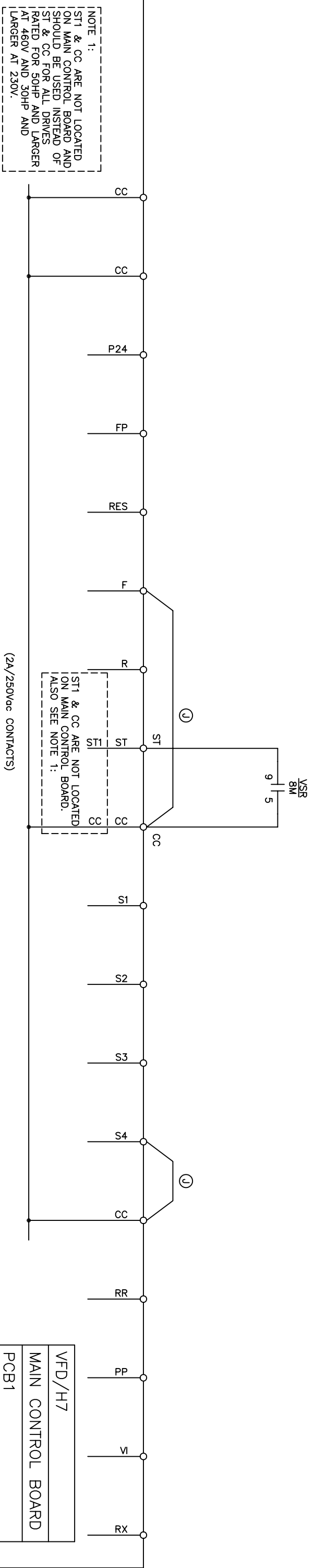
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TITLE: ISM MODULE INTERFACE  
 94~417RLA H7 460VAC  
 CUSTOMER:

JOB NUMBER:

REVISION: 1  
 SCALE: 1.0=2.3  
 DRAWING NUMBER: 1808GJ08



4~20mA INPUT SPEED REFERENCE TO SHT 8  
FACTORY CALIBRATED

0~5Vdc OUTPUT PROPORTIONAL TO FREQUENCY TO SHT 8  
FACTORY CALIBRATED

SXD		CALIBRATION		
INPUT	OUTPUT	INPUT SELECT	OUTPUT SELECT	SWITCHES A B C
4~20mA	4~20mA	1	1	5 3 1

VXD		CALIBRATION		
INPUT	OUTPUT	INPUT SELECT	OUTPUT SELECT	SWITCHES A B C
4~20mA	0~5Vdc	1	V	3 3 F

LL	8G	b
q	q	b
q	q	b
q	q	b
q	q	b

\* - OPTIONAL  
RH4BUAC120V

RCH	8R	b
q	q	b
q	q	b
q	q	b

RH4BUAC120V

FLX	8R	b	8G
q	q	b	q
q	q	b	q
q	q	b	q

RH4BUAC120V

ITEM #	PARAMETER DESCRIPTION	SETTING
F011	MAXIMUM FREQUENCY	60
F012	UPPER LIMIT FREQUENCY	60
F013	LOWER LIMIT FREQUENCY	36
F009	ACCELERATION TIME #1	15
F010	DECELERATION TIME #1	15
F131	RCH CONTACT FUNCTION	4
F100	LOW SPEED SIGNAL	.5
F101	SPEED REACH FREQUENCY	36
F102	SPEED REACH TOLERANCE	12.5
F600	ELECTRONIC OVERLOAD LVL 1	SEE TABLE

ELECTRONIC OVERLOAD LVL 1 SETTINGS		
ITEM #	RATED LOAD AMPS (RLA)	SETTING
F600	115	124
F600	144	135
F600	176	190
F600	222	240
F600	280	302
F600	343	370
F600	417	450

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0	01/07/05	FIRST ISSUE	JTorres	GBF	RKR
1	05/02/05	RELEASED FOR PRODUCTION	JTorres		
2					
3					
4					

TITLE:	H7 LOGIC INTERFACE CIRCUIT
CUSTOMER:	94~417RLA H7 460VAC
JOB NUMBER:	
DRAWING NUMBER:	1808GJ14

REVISION:	1	SCALE:	1.0=2.0
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VOLTAGE	RLA	VFD	MCCB (A)	FUR,S,T	1,2,3FU	4,5FU	6FU	7FU	1CPT	1CB	2CB	CT1-3	ACL
460V	115	VT130H7U410KB	200	200A/500V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,130A,1.5%Z
	144	VT130H7U412KB	250	300A/500V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,160A,1.5%Z
	176	VT130H7U415KB	250	315A/690V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,200A,1.5%Z
	222	VT130H7U420KB	400	400A/690V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,250A,1.5%Z
	280	VT130H7U425KB	400	500A/690V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,360A,1.5%Z
	343	VT130H7U430KB	600	630A/690V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,420A,1.5%Z
	417	VT130H7U435KB	600	800A/690V	5A/600V	10A/600V	30A/250V	10A/250V	460:115V 3KVA	15A, 480V	15A, 600V	SEE TABLE	480V,480A,1.5%Z

VOLTAGE	8,9FU	10FU	2CPT
460V	1.0A/600V	1.0A/250V	100
	1.0A/600V	1.0A/250V	100
	1.0A/600V	1.0A/250V	100
	1.0A/600V	1.0A/250V	100
	1.25A/600V	1.4A/250V	150
	2.0A/600V	2.5A/250V	250
	2.0A/600V	2.5A/250V	250

RLA	RATIO	CT OUTPUT RANGE
94~112	125:5	3.76~4.48A
113~135	150:5	3.76~4.5A
136~149	175:5	3.88~4.25A
150~180	200:5	3.75~4.5A
181~202	225:5	4.02~4.49A
203~225	250:5	4.06~4.5A
226~270	300:5	3.76~4.5A
271~299	350:5	3.87~4.27A
300~360	400:5	3.75~4.5A
361~405	450:5	4.01~4.5A
406~450	500:5	4.06~4.5A

RLA	KVA
94~115	100
116~144	125
145~176	150
177~222	200
223~280	250
281~343	300
344~417	350

VOLTAGE	RLA	CT4~6	11~13FU	14,15FU
460V	115	3P82-XXX	0.2A/600V	0.5A/250V
	144	3P82-XXX	0.2A/600V	0.5A/250V
	176	3P82-XXX	0.2A/600V	0.5A/250V
	222	3P82-XXX	0.2A/600V	0.5A/250V
	280	3P82-XXX	0.2A/600V	0.5A/250V
	343	3P82-XXX	0.2A/600V	0.5A/250V
	417	3P82-XXX	0.2A/600V	0.5A/250V

REV	DATE	DESCRIPTION	BY	CHK	APPR
4					
3					
2					
1	05/02/05	RELEASED FOR PRODUCTION	GBF		
0	01/07/05	FIRST ISSUE	JTorres	GBF	RKR

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TITLE:  
**RATINGS SHEET**  
 94~417RLA H7 460VAC

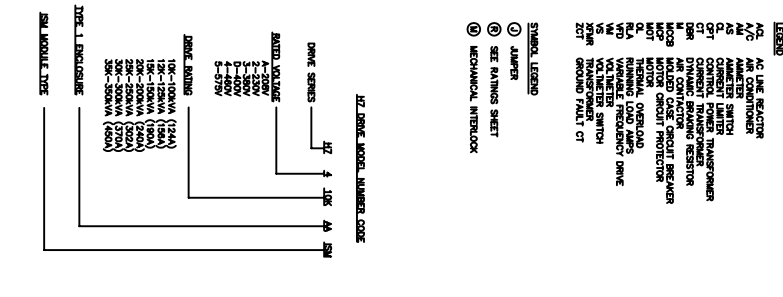
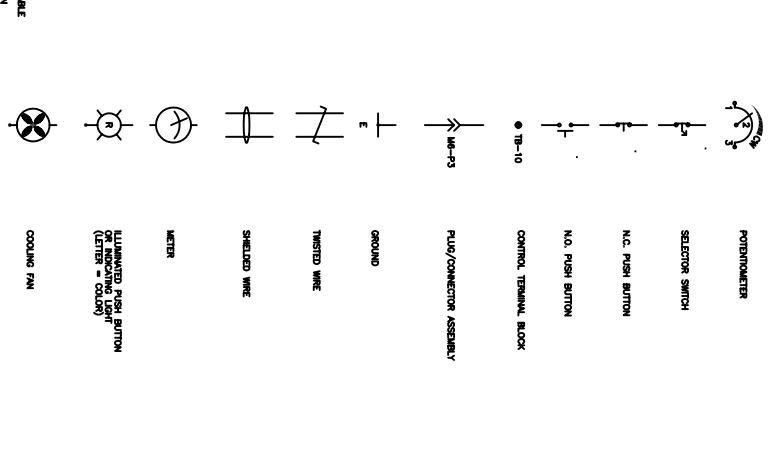
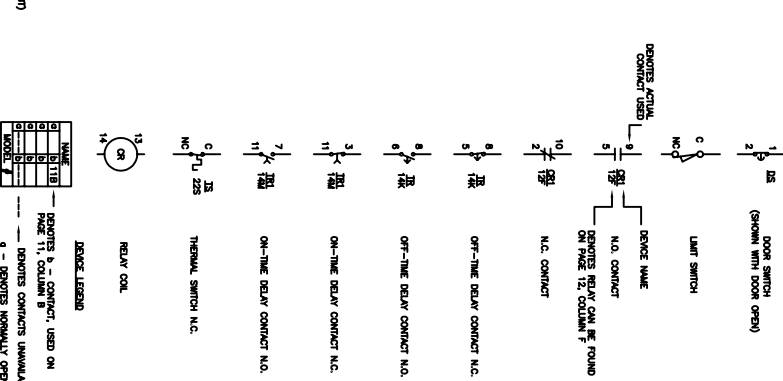
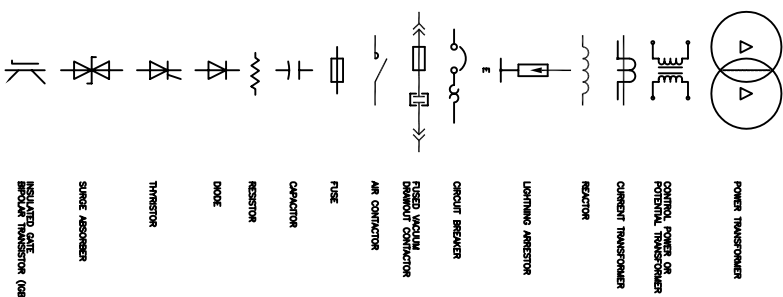
CUSTOMER:

JOB NUMBER:

REVISION: 1

SCALE: 1.0=1.5

DRAWING NUMBER: 1808GJ16



4									
3									
2									
1	06/02/08	RELEASED FOR PRODUCTION	DRIVE						
0	01/07/08	FIRST ISSUE	DRIVE	DRP	DRP				
REV	DATE	DESCRIPTION	BY	CHK	APPR				

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**TITLE:** DRAWING LEGEND  
**CUSTOMER:** 94~417RLA H7 460VAC

**REVISION:** 1      **SCALE:** 1.0=2.0

**JOB NUMBER:**      **DRAWING NUMBER:** 1808GJ18

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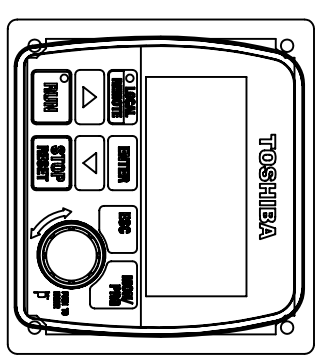
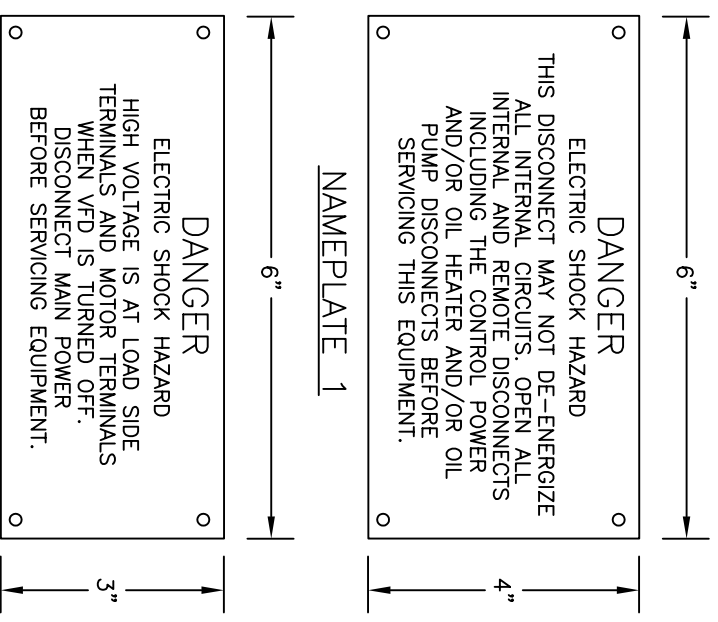
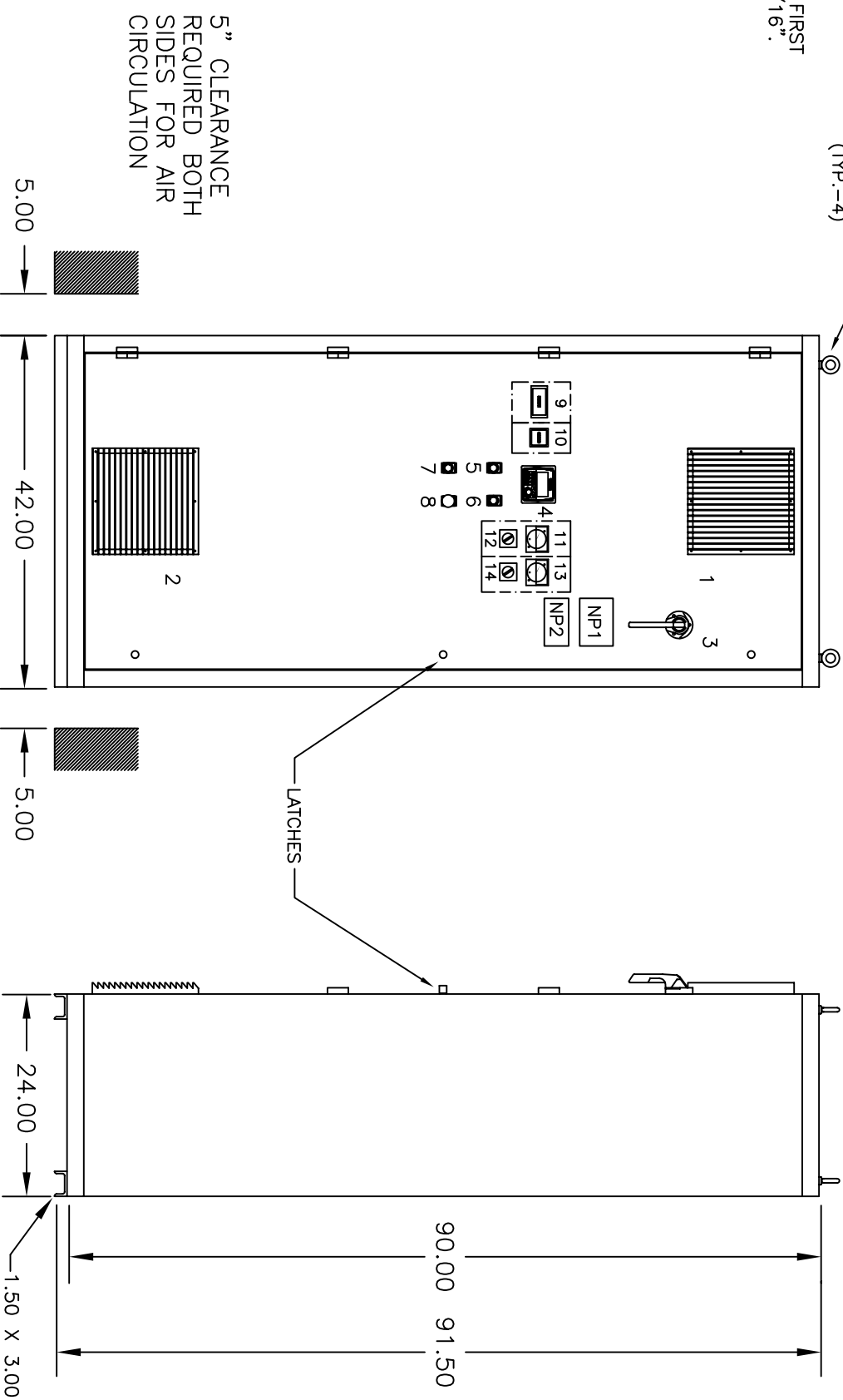
**DEVICE LEGEND:**

1. FILTERED OUTLET VENTS
2. FILTERED INLET FAN
3. CIRCUIT BREAKER OPERATOR
4. H7 OPERATOR KEYPAD
5. GREEN PILOT LIGHT – "POWER ON"
6. RED PILOT LIGHT – "RUN"
7. AMBER PILOT LIGHT "FAULT"
8. EMERGENCY STOP PUSHBUTTON
9. START COUNTER (OPTIONAL)
10. ELAPSED TIME METER (OPTIONAL)
11. AMMETER – 0~XXXXA (OPTIONAL)
12. 3Ø AMMETER SWITCH (OPTIONAL)
13. VOLTMETER – 0~600V (OPTIONAL)
14. 3Ø VOLTMETER SWITCH (OPTIONAL)

**NOTES:**

1. ENCLOSURE TO BE PAINTED INVERTER TAN.
2. NAMEPLATES TO BE RED WITH WHITE LETTERS. FIRST LINE TO BE 3/8". ALL OTHER LINES TO BE 3/16".
3. ESTIMATED WEIGHT: 950Lbs. (432kg).
4. INPUT LUGS – 1-#4AWG~350kcmil/Ø
5. OUTPUT LUGS – 2-#6~#4/ØAWG/Ø
6. GROUND LUGS – 1-#2~#1/ØAWG (QTY-2)
7. RECOMMENDED CONDUCTORS:  
(75°C TYPES RHW, THHW, THW, THWN, XHHW)

LIFTING EYE  
(TYP.-4)



CIRCUIT BREAKER RATING	CB AMPS	AIC@480V
RLA	200A	65KAIC@480V
144	250A	65KAIC@480V
176	250A	65KAIC@480V

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TITLE:  
ENCLOSURE OUTLINE – 94~176RLA  
TYPE 1 W/ISM MODULE

CUSTOMER:

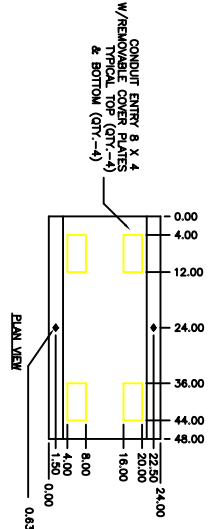
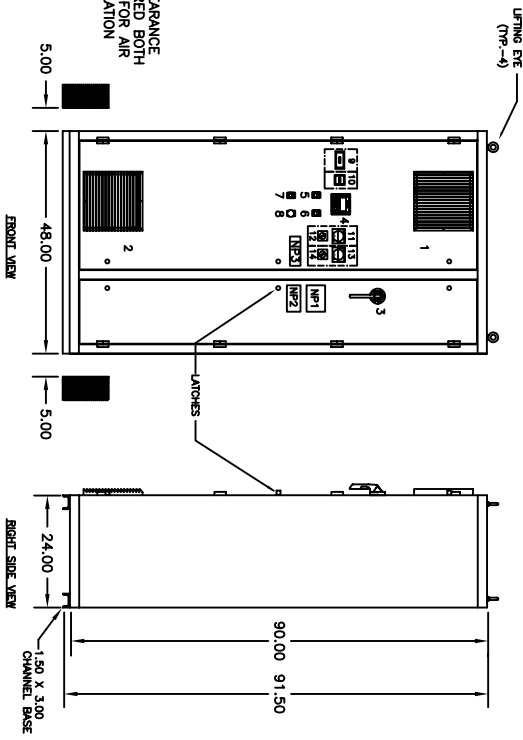
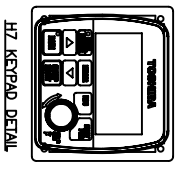
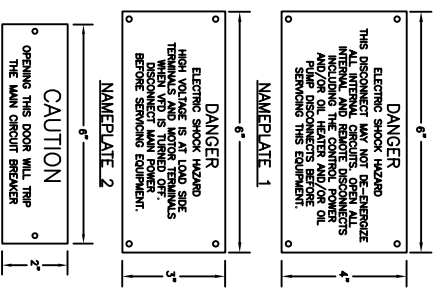
JOB NUMBER:

REVISION: 1 SCALE: 1.0=20.0

DRAWING NUMBER: 1108GJ19

- DEVICE LEGEND:**
1. FILTERED OUTLET VENTS
  2. FILTERED INLET FAN
  3. CIRCUIT BREAKER OPERATOR
  4. H7 OPERATOR KEYPAD
  5. GREEN PILOT LIGHT - "POWER ON"
  6. RED PILOT LIGHT - "FAULT"
  7. AMBER PILOT LIGHT - "RUN"
  8. EMERGENCY STOP PUSHBUTTON
  9. START COUNTER (OPTIONAL)
  10. ELAPSED TIME METER (OPTIONAL)
  11. AMPMETER - 0-100A (OPTIONAL)
  12. 30 AMPERER SWITCH (OPTIONAL)
  13. 30 VOLTMETER (OPTIONAL)
  14. 30 VOLTMETER SWITCH (OPTIONAL)

- NOTES:**
1. ENCLOSURE TO BE PAINTED INVERTER TAN.
  2. NAMEPLATES 1 & 2 TO BE RED WITH WHITE LETTERS.
  3. FIRST LINE TO BE 3/8" - ALL OTHER LINES TO BE 5/16".
  4. ESTIMATED WEIGHT: 1150LBS. (523kg).
  5. INPUT LUS - 3-#3/0AWG-500kcmil/#
  6. OUTPUT LUS - 2-#4AWG-500kcmil/#
  7. GROUND LUS - 1-#2-#1/0AWG (GRT-2)
  8. RECOMMENDED CONDUCTORS:  
(75° C TYPES RHW, THW, THN, THHN, XHHW)



CIRCUIT BREAKER RATING	
RLA	CB AMPS
400A	65KAIC@480V

REV	DATE	DESCRIPTION	BY	CHK	APP
0	01/07/08	FRST ISSUE			
1	09/02/08	RELEASED FOR PRODUCTION			
2					
3					
4					

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**TITLE:**  
ENCLOSURE OUTLINE - 177-222RLA

**CUSTOMER:**  
TYPE 1 W/ISM MODULE

**JOB NUMBER:**

**REVISION:** 1

**SCALE:** 1.0=20.0

**DRAWING NUMBER:** 1108GJ20

**DEVICE LEGEND:**

1. FILTERED OUTLET FAN
2. FILTERED INLET FAN
3. CIRCUIT BREAKER OPERATOR
4. H7 OPERATOR KEYPAD
5. GREEN PILOT LIGHT – "POWER ON"
6. RED PILOT LIGHT – "RUN"
7. AMBER PILOT LIGHT "FAULT"
8. EMERGENCY STOP PUSHBUTTON
9. START COUNTER (OPTIONAL)
10. ELAPSED TIME METER (OPTIONAL)
11. AMMETER – 0~XXXX (OPTIONAL)
12. 3Ø AMMETER SWITCH (OPTIONAL)
13. VOLTMETER – 0~600V (OPTIONAL)
14. 3Ø VOLTMETER SWITCH (OPTIONAL)

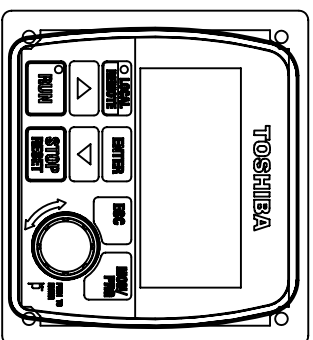
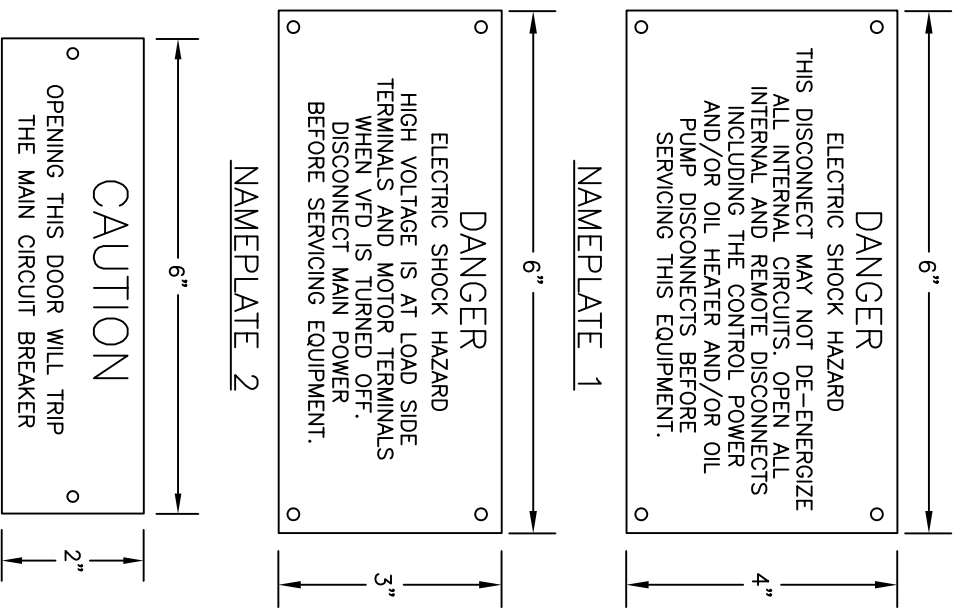
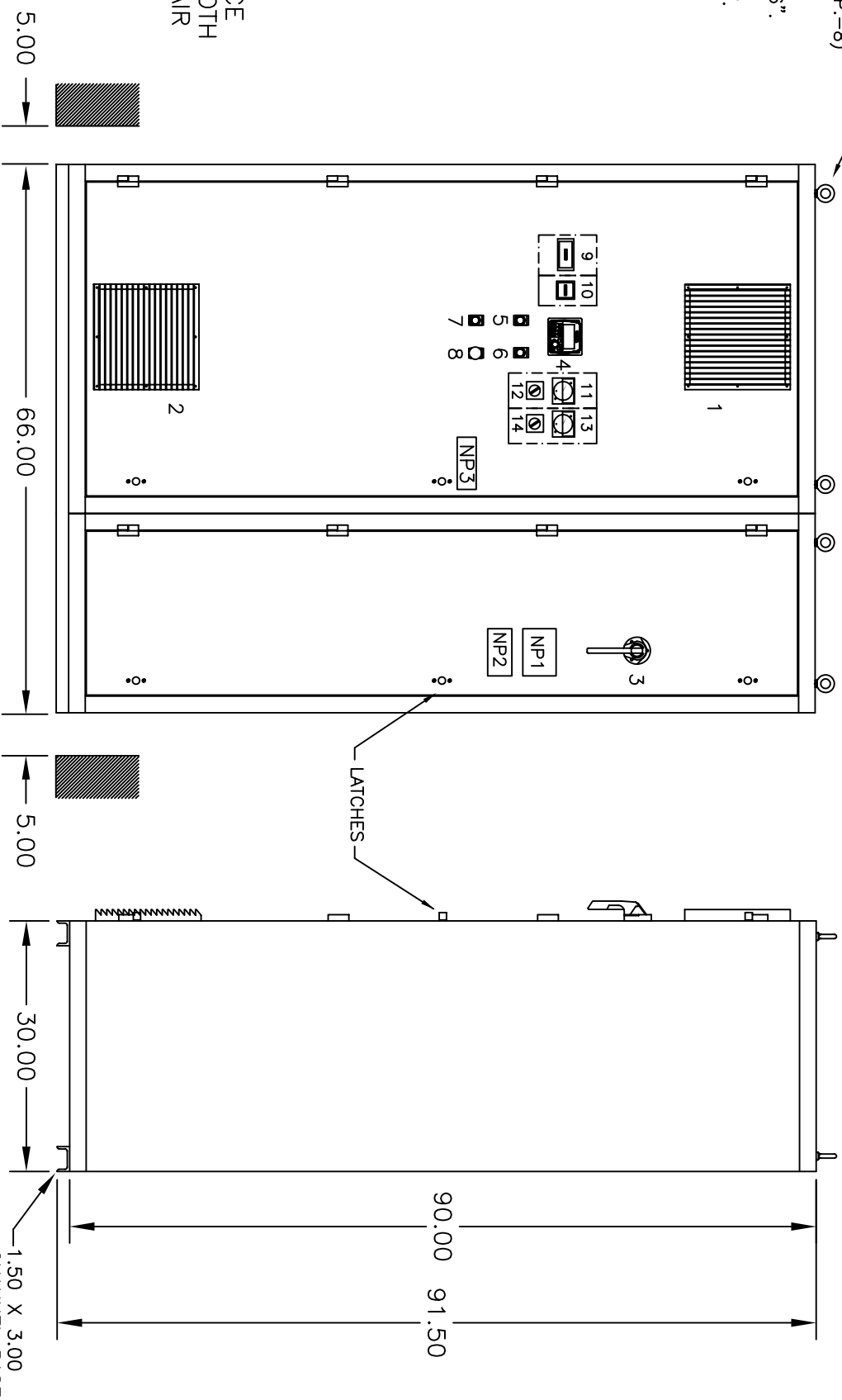
**NOTES:**

1. ENCLOSURE TO BE PAINTED INVERTER TAN.
2. NAMEPLATES 1 & 2 TO BE RED WITH WHITE LETTERS. FIRST LINE TO BE 3/8". ALL OTHER LINES TO BE 3/16".
3. NAMEPLATE 3 TO BE YELLOW WITH BLACK LETTERS. FIRST LINE TO BE 1/2". ALL OTHER LINES TO BE 1/4".
4. ESTIMATED WEIGHT: 1600lbs. (727kg).
5. INPUT LUGS – 3-#3AWG~500kcmil/ø
6. OUTPUT LUGS – 4-#6AWG~300kcmil/ø
7. GROUND LUGS – 1-#2~#1/0AWG (QTY.-2)
8. RECOMMENDED CONDUCTORS:  
(75°C TYPES RHW, THHW, THW, THWN, XHHW)

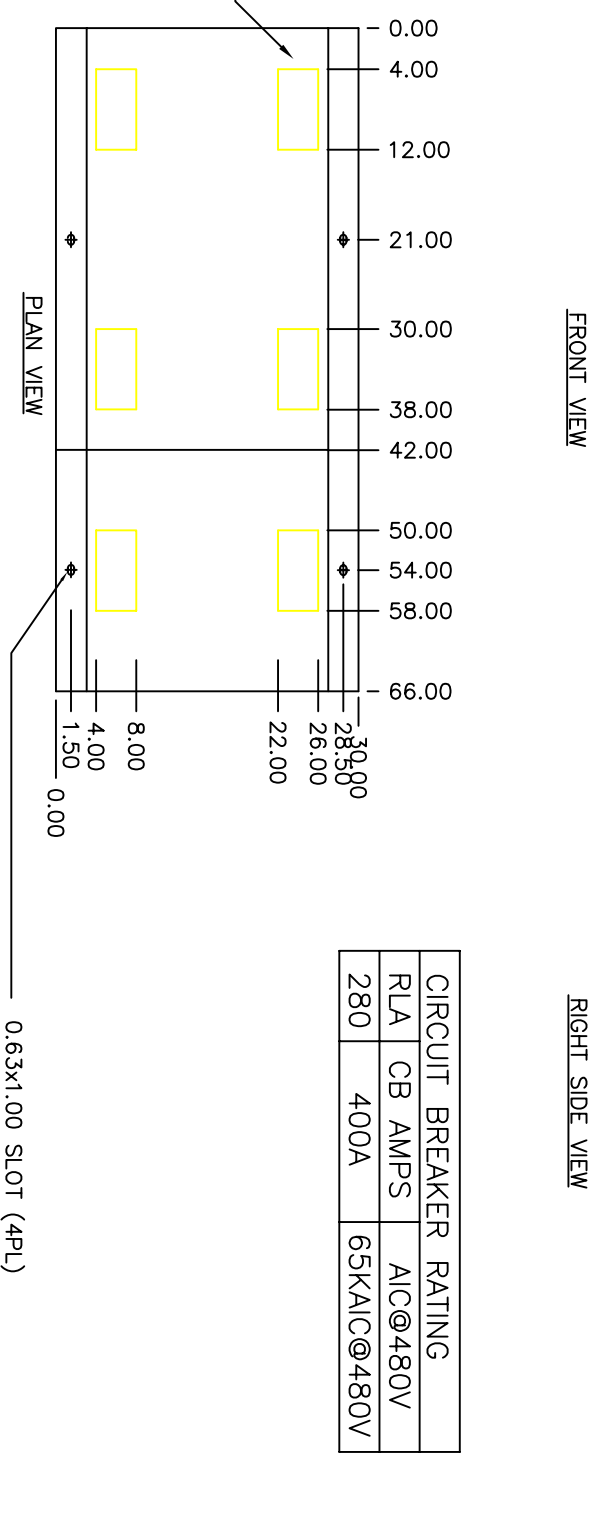
LIFTING EYE  
(TYP.-8)

5" CLEARANCE  
REQUIRED BOTH  
SIDES FOR AIR  
CIRCULATION

CONDUIT ENTRY 8 X 4  
W/REMOVABLE COVER PLATES  
TYPICAL TOP (QTY.-6)  
& BOTTOM (QTY.-6)



H7 KEYPAD DETAIL



CIRCUIT BREAKER RATING	CB AMPS	AIC@480V
280	400A	65KAIC@480V

REV	DATE	DESCRIPTION	BY	CHK	APPR
4					
3					
2					
1	05/02/05	RELEASED FOR PRODUCTION	JTorres		
0	01/07/05	FIRST ISSUE	JTorres	GBF	RKR

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TITLE:  
ENCLOSURE OUTLINE – 223~280RLA  
TYPE 1 W/ISM MODULE

CUSTOMER:  
JOB NUMBER:

REVISION: 1 SCALE: 1.0=20.0

DRAWING NUMBER:  
1108GJ21

**DEVICE LEGEND:**

1. FILTERED OUTLET FANS
2. FILTERED INLET FANS
3. CIRCUIT BREAKER OPERATOR
4. H7 OPERATOR KEYPAD
5. GREEN PILOT LIGHT – "POWER ON"
6. RED PILOT LIGHT – "RUN"
7. AMBER PILOT LIGHT "FAULT"
8. EMERGENCY STOP PUSHBUTTON
9. START COUNTER (OPTIONAL)
10. ELAPSED TIME METER (OPTIONAL)
11. AMMETER – 0~XXXX (OPTIONAL)
12. 3Ø AMMETER SWITCH (OPTIONAL)
13. VOLTMETER – 0~600V (OPTIONAL)
14. 3Ø VOLTMETER SWITCH (OPTIONAL)

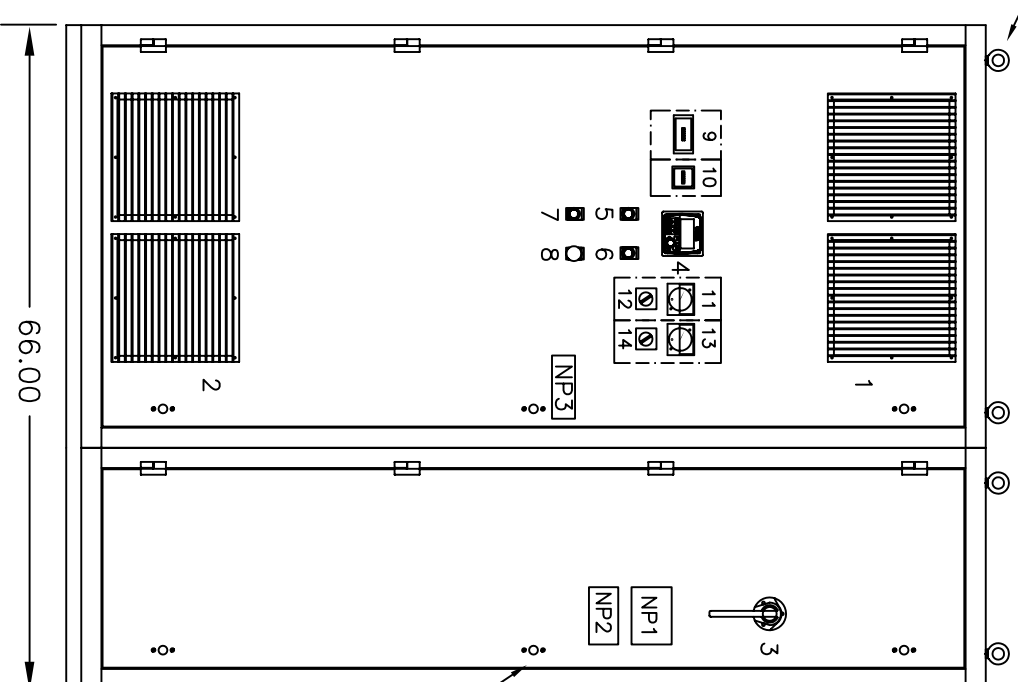
**NOTES:**

1. ENCLOSURE TO BE PAINTED INVERTER TAN.
2. NAMEPLATES 1 & 2 TO BE RED WITH WHITE LETTERS. FIRST LINE TO BE 3/8". ALL OTHER LINES TO BE 3/16".
3. NAMEPLATE 3 TO BE YELLOW WITH BLACK LETTERS. FIRST LINE TO BE 1/2". ALL OTHER LINES TO BE 1/4".
4. ESTIMATED WEIGHT: 1600lbs. (727kg).
5. INPUT LUGS – 3-#3AWG~500kcmil/ø
6. OUTPUT LUGS – 4-#6AWG~300kcmil/ø
7. GROUND LUGS – 1-#2~#1/0AWG (QTY.-2)
8. RECOMMENDED CONDUCTORS:  
(75°C TYPES RHW, THW, THW, THWN, XHHW)

LIFTING EYE  
(TYP.-8)

5" CLEARANCE  
REQUIRED BOTH  
SIDES FOR AIR  
CIRCULATION

5.00



LATCHES

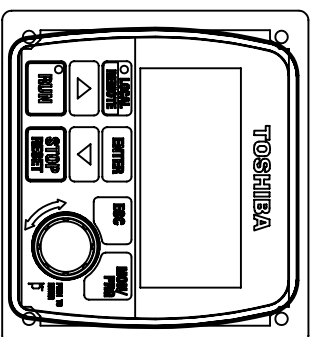
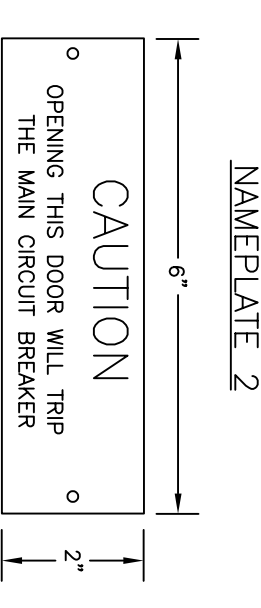
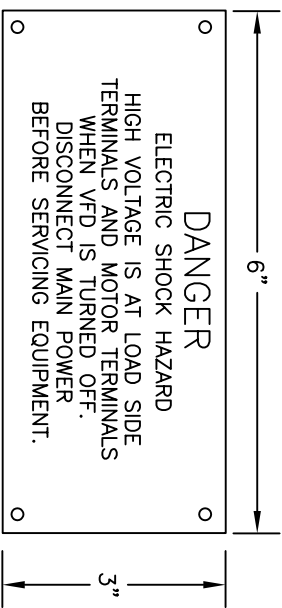
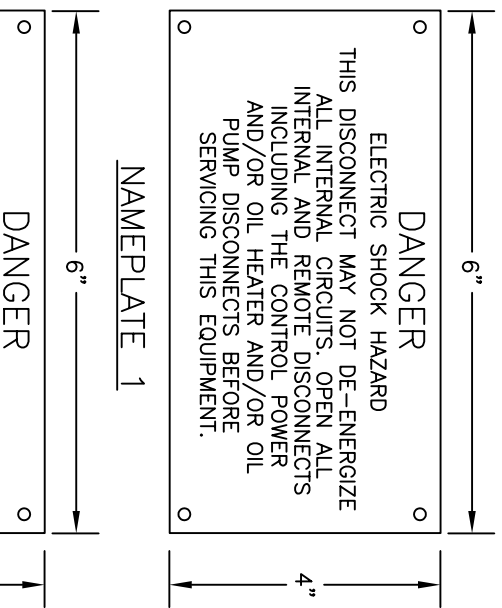
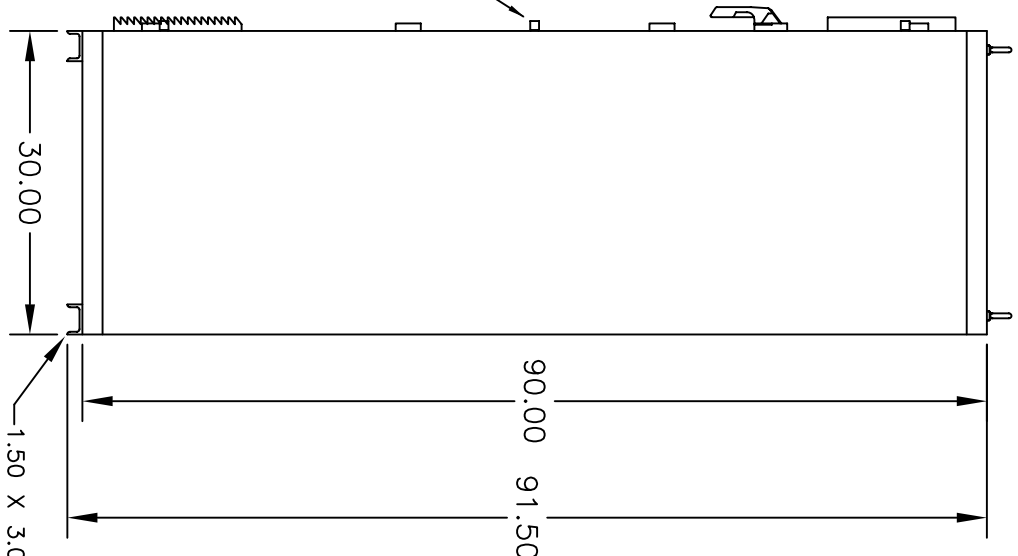
5.00

FRONT VIEW

RIGHT SIDE VIEW

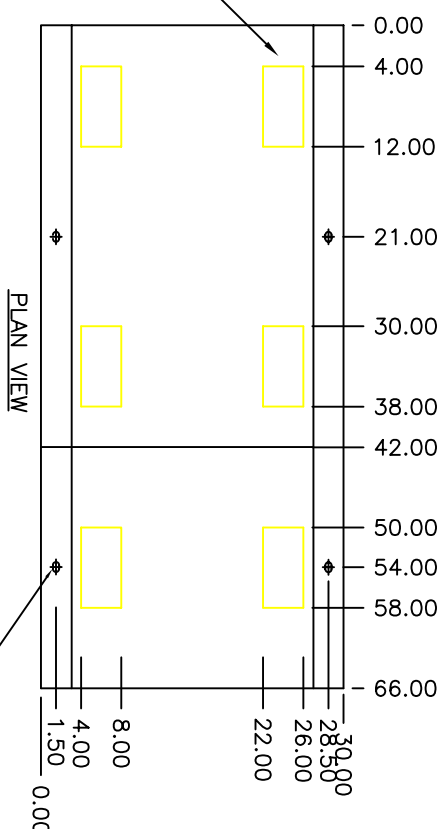
1.50 X 3.00  
CHANNEL BASE

RIGHT SIDE VIEW



H7 KEYPAD DETAIL

CONDUIT ENTRY 8 X 4  
W/REMOVABLE COVER PLATES  
TYPICAL TOP (QTY.-6)  
& BOTTOM (QTY.-6)



PLAN VIEW

0.63x1.00 SLOT (4PL)

CIRCUIT BREAKER RATING	RLA	CB AMPS	AIC@480V
343	600A	65KAIC@480V	
417	600A	65KAIC@480V	

REV	DATE	DESCRIPTION	BY	CHK	APPR
0	05/02/05	FIRST ISSUE	JTorres		
1					
2					
3					
4					

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TITLE:  
ENCLOSURE OUTLINE – 281~417RLA  
TYPE 1 W/ISM MODULE

CUSTOMER:

JOB NUMBER:

REVISION: 0 SCALE: 1.0=20.0

DRAWING NUMBER: 1108GJ22