

CUST. NAME: CARRIER CORPORATION

PROJECT NO.: CHILLER CONTROL STANDARDS

P.O. NUMBER:

DESCRIPTION: GX9690K~12LAAISM
600V, 3ø, 60Hz, 714~1069RLA
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	I808R900	0	DRAWING LIST
01	----	--	-----
02	I808R902	0	DRAWING LEGEND
03	----	--	-----
04	----	--	-----
05	I808R905	0	EQUIPMENT RATINGS
06	----	--	-----
07	----	--	-----
08	I808R908	0	THREE–LINE DIAGRAM
09	I808R909	0	MAIN CIRCUIT – AC IN/DC BUS
10	I808R910	0	MAIN CIRCUIT – DC BUS/AC OUT
11	----	--	-----
12	I808R912	0	MAIN CIRCUIT – INVERTER DETAIL
13	----	--	-----
14	----	--	-----
15	----	--	-----

NO	DRAWING NO	REV	DRAWING DESCRIPTION
16	----	--	-----
17	----	--	-----
18	I808R918	0	LOGIC INTERFACE CIRCUIT
19	----	--	-----
20	I808R920	0	CONTROL CIRCUIT
21	I808R921	0	CONTROL CIRCUIT – TEMPERATURE CONTROL
22	----	--	-----
23	----	--	-----
24	I808R924	0	ISM MODULE INTERFACE
25	----	--	-----
26	----	--	-----
27	----	--	-----
28	----	--	-----
29	I808R929	0	PCB INTERCONNECTIONS
30	----	--	-----
31	I808R931	0	ENCLOSURE OUTLINE

4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: DRAWING LIST – 714~1069RLA 900kVA~1200kVA, GX9 600VAC		REVISION:	0	SCALE:
3											
2							DRAWING NUMBER: I808R900				
1											
0	04/10/14	FIRST ISSUE	EYANG	SE	RKR		CUSTOMER:	PROJECT NUMBER:			
REV	DATE	DESCRIPTION	BY	CHK	APPR						

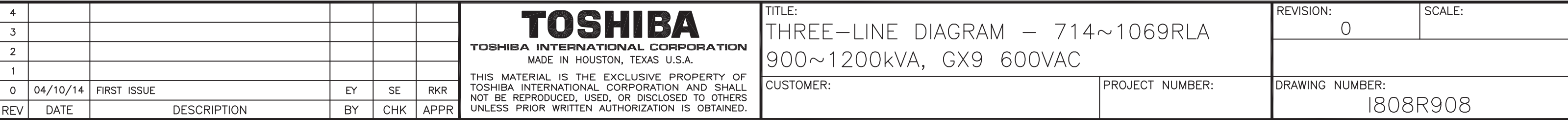
RLA/kVA RANGE	
RLA	kVA
714~802	900
803~891	1000
892~1069	1200

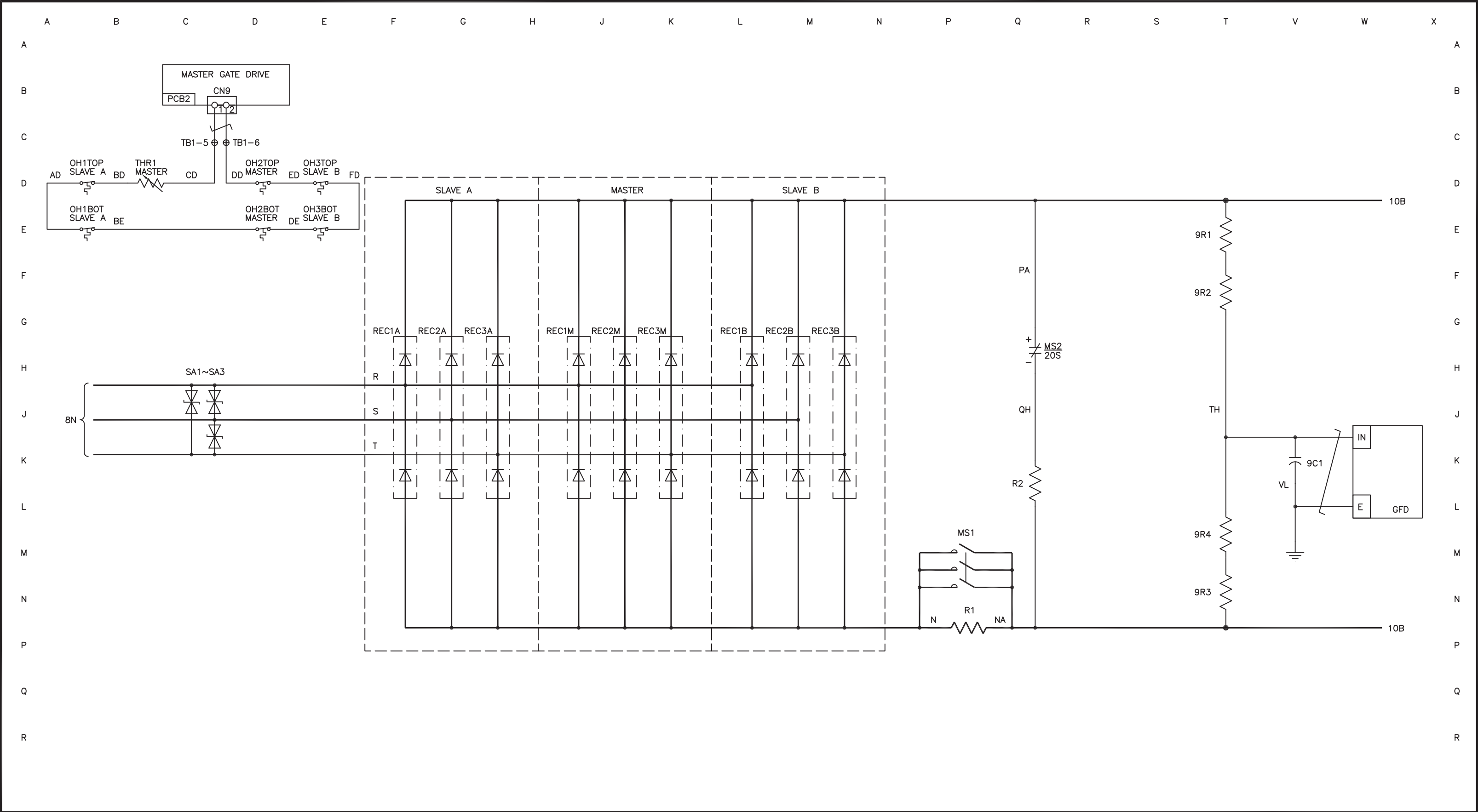
CT SELECTION TABLE (CT1-3)		
RLA	RATIO	CT OUTPUT RANGE
676~720	800:5	4.22~4.50A
721~749	900:5	4.00~4.16A
750~900	1000:5	3.75~4.50A
901~1080	1200:5	3.75~4.50A

* OPTIONAL

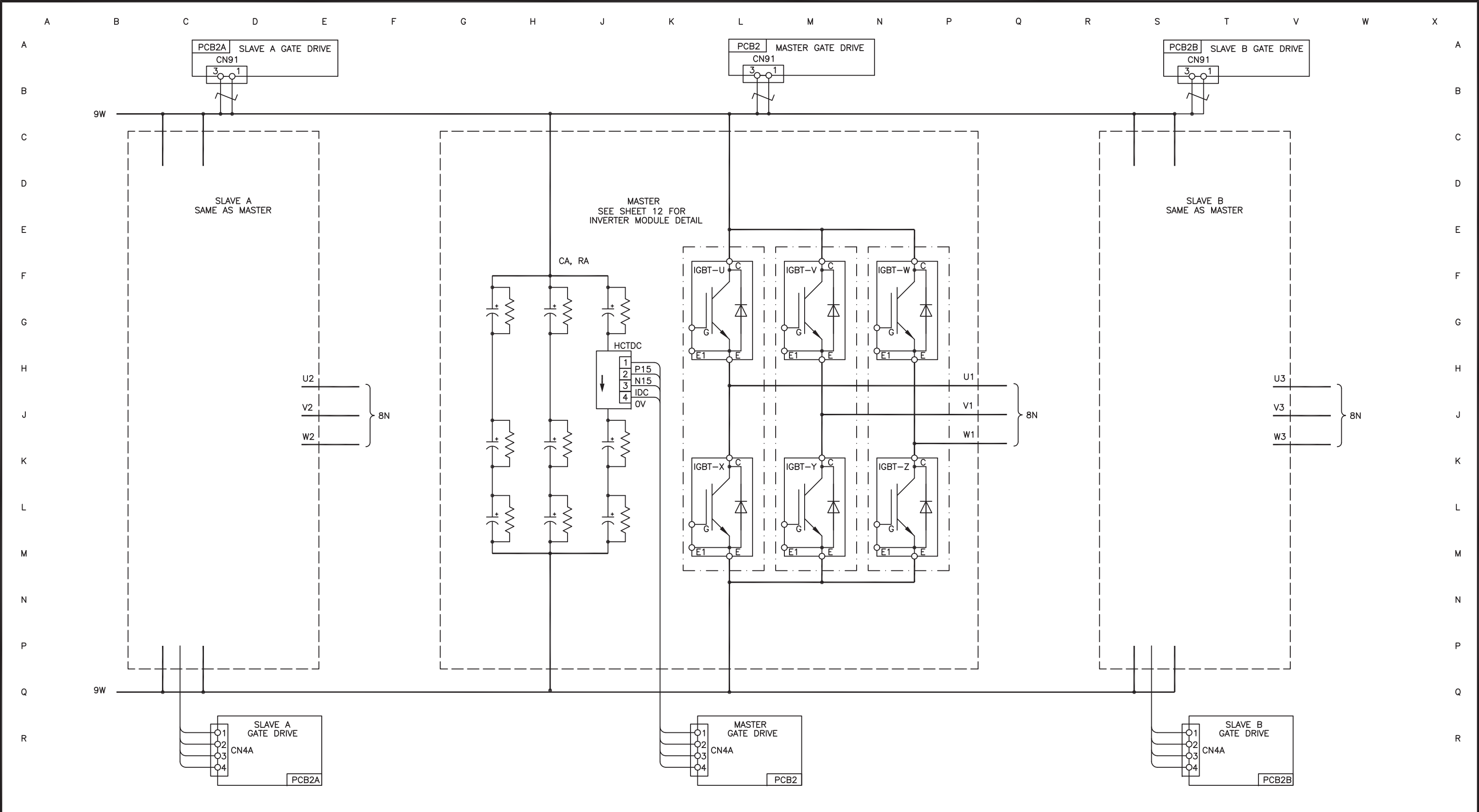
PAGE No.	DEVICE	DESCRIPTION	900kVA, 600V, 866A, 802RLA		1000kVA, 600V, 962A, 891RLA		1200kVA, 600V, 1155A, 1069RLA	
			TYPE FORM	RATING	TYPE FORM	RATING	TYPE FORM	RATING
8	MCCB1	CIRCUIT BREAKER	CND63B100	600V, 1000A, 65KAIC@600V	CPD63B120	600V, 1200A, 65KAIC@600V	CPD63B160	600V, 1600A, 65KAIC@600V
	8FU1, 2	CPT1 PRIMARY FUSE	CRF ATQR 6	6A, 600V, 200KAIC	CRF ATQR 6	6A, 600V, 200KAIC	CRF ATQR 6	6A, 600V, 200KAIC
	8FU3	CPT1 SECONDARY FUSE	GLD TRM 12	12A, 250V, TD, 10KAIC	GLD TRM 12	12A, 250V, TD, 10KAIC	GLD TRM 12	12A, 250V, TD, 10KAIC
	FR, FS, FT	SEMICONDUCTOR FUSE	CRF 6,9URD33TTF0700	690V, 700A (X6)	CRF 6,9URD33TTF0700	690V, 700A (X6)	CRF A060URD32TTI1250	600V, 1250A (X6)
	BF1	BLOWN FUSE INDICATOR	CRF MS3V1-5BS	250V, 3A	CRF MS3V1-5BS	250V, 3A	CRF MS3V1-5BS	250V, 3A
	CPT1	CNTL. PWR. TRANSFORMER	GTI	690/600:230V, 1500VA, 50/60HZ	GTI	690/600:230V, 1500VA, 50/60HZ	GTI	690/600:230V, 1500VA, 50/60HZ
	ACL1~3	OUTPUT LINE REACTOR	TCI KDRG1C	360A, 600V	TCI KDRG1C	360A, 600V	TCI KDRJ2C	480A, 600V
	HCTU, V, W	HALL CT	LEM HAX850-S	850A:4V	LEM HAX1000-S	1000A:4V	LEM HAX1000-S/SP11	1125A:4V
	ACL4	INPUT LINE REACTOR	TCI KDRULX41L	864A, "LOW-Z"(~1.5-3%Z)@600V	TCI KDRULX42L	960A, "LOW-Z"(~1.5-3%Z)@600V	TCI KDRULX43L	1056A, "LOW-Z"(~1.5-3%Z)@600V
	1CB	OIL PUMP CIRCUIT BRKR	HLL36015	600V, 15A	HLL36015	600V, 15A	HLL36015	600V, 15A
	2CB	CONTROL CIRCUIT BRKR	HLL36015	600V, 15A	HLL36015	600V, 15A	HLL36015	600V, 15A
	3CB	PUMPOUT UNIT CIRCUIT BRKR	HLL36015	600V, 15A	HLL36015	600V, 15A	HLL36015	600V, 15A
	CPT2	CHILLER CNTL. PWR. TRNSFRMR	9070T3000D5	600:120V, 3kVA	9070T3000D5	600:120V, 3kVA	9070T3000D5	600:120V, 3kVA
	1~3FU	CNTL. PWR. FUSE	ATM-5	600V, 5A	ATM-5	600V, 5A	ATM-5	600V, 5A
	4,5FU	CNTL. PWR. FUSE	ATMR-12	600V, 12A	ATMR-12	600V, 12A	ATMR-12	600V, 12A
	6FU	CNTL. PWR. FUSE	OTM-30	250V, 30A	OTM-30	250V, 30A	OTM-30	250V, 30A
	7FU	CNTL. PWR. FUSE	OTM-10	250V, 10A	OTM-10	250V, 10A	OTM-10	250V, 10A
	(*) 11~13FU	PT PRIMARY FUSE	ATQR 2/10	600V, 0.2A	ATQR 2/10	600V, 0.2A	ATQR 2/10	600V, 0.2A
	(*) 14,15FU	PT SECONDARY FUSE	TRM 1/2	250V, 0.5A	TRM 1/2	250V, 0.5A	TRM 1/2	250V, 0.5A
	CT1~3	LINE CURRENT TRNSFRMR	3P93-XXX	SEE TABLE	3P93-XXX	SEE TABLE	3P93-XXX	SEE TABLE
	(*) CT4~6	AMMETER CT	3P668-XXX	---	3P668-XXX	---	3P668-XXX	---
9	MS1	SOFT START CONTACTOR	TMQ LC1F4004U7	400A, 600V, 4P	TMQ LC1F4004U7	400A, 600V, 4P	TMQ LC1F4004U7	400A, 600V, 4P
	MS2	CAP DISCHARGE CONTACTOR	CLK 7001-5150-21	40A, 500VDC, 1P	CLK 7001-5150-21	40A, 500VDC, 1P	CLK 7001-5150-21	40A, 500VDC, 1P
	OH1T~3T	T-STAT 75°C FIXED N.C.	TKN OHD3-75B	75°C	TKN OHD3-75B	75°C	TKN OHD3-75B	75°C
	OH1B~3B	T-STAT 90°C FIXED N.C.	TKN OHD3-90B	90°C	TKN OHD3-90B	90°C	TKN OHD3-90B	90°C
	THR1	HEATSINK THERMISTOR	FEN 590-32BP01-203	2KOHM @ 25 DEG C	FEN 590-32BP01-203	2KOHM @ 25 DEG C	FEN 590-32BP01-203	2KOHM @ 25 DEG C
	R1	SOFT START RESISTOR	PWO WR33	0.67 OHM, 300W, 2S	PWO WR33	0.67 OHM, 300W, 2S	PWO WR33	0.67 OHM, 300W, 2S
	R2	CAP DISCHARGE RESISTOR	PWO SXR2-500	500 OHM, 300W, 3S	PWO SXR2-500	500 OHM, 300W, 3S	PWO SXR2-500	500 OHM, 300W, 3S
	REC1M~6M, 1A~6B	DIODE PACK	EUP DD600N16K	1600V, 600A	EUP DD600N16K	1600V, 600A	EUP DD600N16K	1600V, 600A
	SA1~3	SURGE SUPPRESSOR	EPC B40K750	750V	EPC B40K750	750V	EPC B40K750	750V
	9R1~9R4	RESISTOR	RS-10	30KOHM, 10W	RS-10	30KOHM, 10W	RS-10	30KOHM, 10W
	9C1	CAPACITOR	26F7502	4uF, 1500V	26F7502	4uF, 1500V	26F7502	4uF, 1500V
10, 12	HCTDC	HALL CT	NNE HEC-01A(AMO)	160A:4V	NNE HEC-01A(AMO)	160A:4V	NNE HEC-01A(AMO)	160A:4V
	CA	CAPACITOR	HIT HCGF5AS2G123YQ	12kUF, 400VDC (3P/3S)	HIT HCGF5AS2G123YQ	12kUF, 400VDC (3P/3S)	HIT HCGF5AS2G123YQ	12kUF, 400VDC (3P/3S)
	RA	CAP BALANCING RESISTOR	DLR RS-10	50 KOHM, 10W (X9)	DLR RS-10	50 KOHM, 10W (X9)	DLR RS-10	50 KOHM, 10W (X9)
	IGBT	IGBT	EUP FZ400R17KE3	1700V, 400A (X18)	EUP FZ400R17KE3	1700V, 400A (X18)	EUP FZ400R17KE3	1700V, 400A (X18)
	C10~C10H	SNUBBER CAPACITOR	ASC TOS39-5.0-10-1200	5.0UF, 1200VDC	ASC TOS39-5.0-10-1200	5.0UF, 1200VDC	ASC TOS39-5.0-10-1200	5.0UF, 1200VDC
18	LL, RCH, FLX	CONTROL RELAY	RH4BUAC120V	120VAC, 10A	RH4BUAC120V	120VAC, 10A	RH4BUAC120V	120VAC, 10A
20	MST	TIMER, ON DELAY	IDE GT5Y-2SN1A200	240VAC COIL, 0.1S-10M DELAY	IDE GT5Y-2SN1A200	240VAC COIL, 0.1S-10M DELAY	IDE GT5Y-2SN1A200	240VAC COIL, 0.1S-10M DELAY
	MSX	CONTROL RELAY	IDE RR2P-U-AC240V	240VAC COIL, 7A	IDE RR2P-U-AC240V	240VAC COIL, 7A	IDE RR2P-U-AC240V	240VAC COIL, 7A
	DS1	DOOR SWITCH	IDE TABD311N-R	10A, 600V	IDE TABD311N-R	10A, 600V	IDE TABD311N-R	10A, 600V
21	TCC	CONTACTOR	TMQ LC1D09U7	240VAC COIL, 9A, 600V	TMQ LC1D09U7	240VAC COIL, 9A, 600V	TMQ LC1D09U7	240VAC COIL, 9A, 600V
	FAN1~3	HEAT SINK FAN	ZA RH31M-4EK.2F.1R	230VAC, 50/60HZ	ZA RH31M-4EK.2F.1R	230VAC, 50/60HZ	ZA RH31M-4EK.2F.1R	230VAC, 50/60HZ
	C1~3	FAN RUN CAPACITOR	SHZ CMPS/X349U	350V, 4uF	SHZ CMPS/X349U	350V, 4uF	SHZ CMPS/X349U	350V, 4uF
	FAN11~13	INTERNAL FAN	ETR 129XR0281010	240VAC, 15W, 50/60HZ	ETR 129XR0281010	240VAC, 15W, 50/60HZ	ETR 129XR0281010	240VAC, 15W, 50/60HZ
	FAN21~23	ENCLOSURE FAN	ETR 148VK0281030	240VAC, 33W, 50/60HZ	ETR 148VK0281030	240VAC, 33W, 50/60HZ	ETR 148VK0281030	240VAC, 33W, 50/60HZ
	NK1~3	SURGE SUPPRESSOR	MCN RFM25M224KD	250VAC, 0.22uF, 220 OHM	MCN RFM25M224KD	250VAC, 0.22uF, 220 OHM	MCN RFM25M224KD	250VAC, 0.22uF, 220 OHM
24	VSR, STR	CONTROL RELAY	RH4BUAC120V	120VAC, 10A	RH4BUAC120V	120VAC, 10A	RH4BUAC120V	120VAC, 10A
	HPR	CONTROL RELAY	RH4BUAC24V	24VAC, 10A	RH4BUAC24V	24VAC, 10A	RH4BUAC24V	24VAC, 10A
	24PL1~3	PILOT LIGHT	ZB5-AV3	120V:6V	ZB5-AV3	120V:6V	ZB5-AV3	120V:6V
29	PCB1	CONTROL BOARD	56000G	---	56000G	---	56000G	---
	PCB2~2B	GATE DRIVE BOARD	42755P6X	---	42755P6X	---	42755P6X	---
	PCB3	INTERFACE BOARD	PC61910P120C	---	PC61910P120C	---	PC61910P120C	---
	PCB4~4E	GATE-EMITTER BOARD	38383C	---	38383C	---	38383C	---
	PCB5	TERMINAL BLOCK BOARD	48570A	---	48570A	---	48570A	---
	PCB5A	JUMPER BOARD	50611A	---	50611A	---	50611A	---
	PCB11	SPEED SEARCH BOARD	55594A	---	55594A	---	55594A	---
	EOI	OPERATOR INTERFACE	58363-X	---	58363-X	---	58363-X	---

4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: EQUIPMENT RATINGS – 714~1069RLA 900~1200kVA, GX9 600VAC		REVISION:	SCALE:
3					0					
2										
1										
0	04/10/14	FIRST ISSUE	EY	SE	RKR		CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER:	
REV	DATE	DESCRIPTION	BY	CHK	APPR				1808R905	

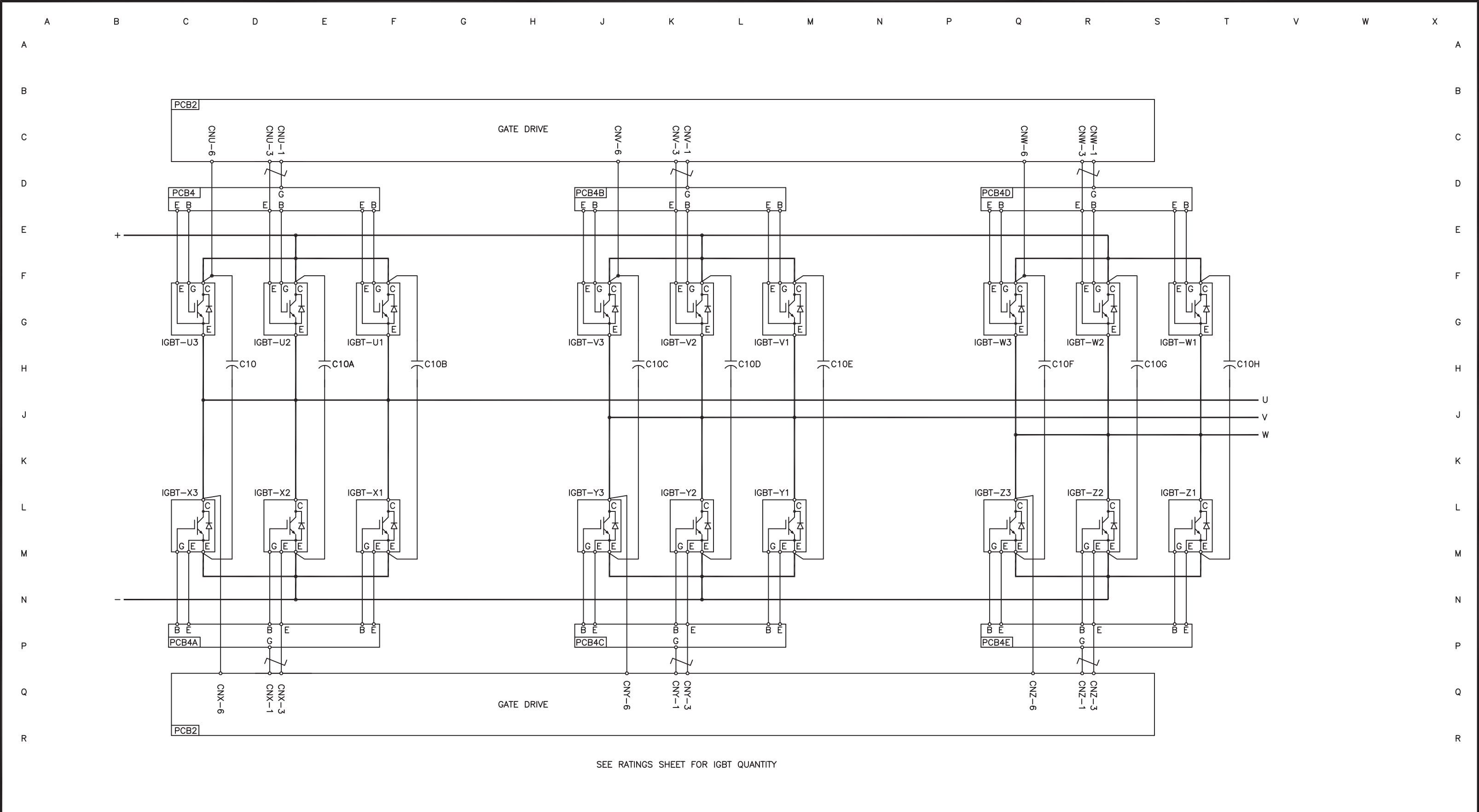




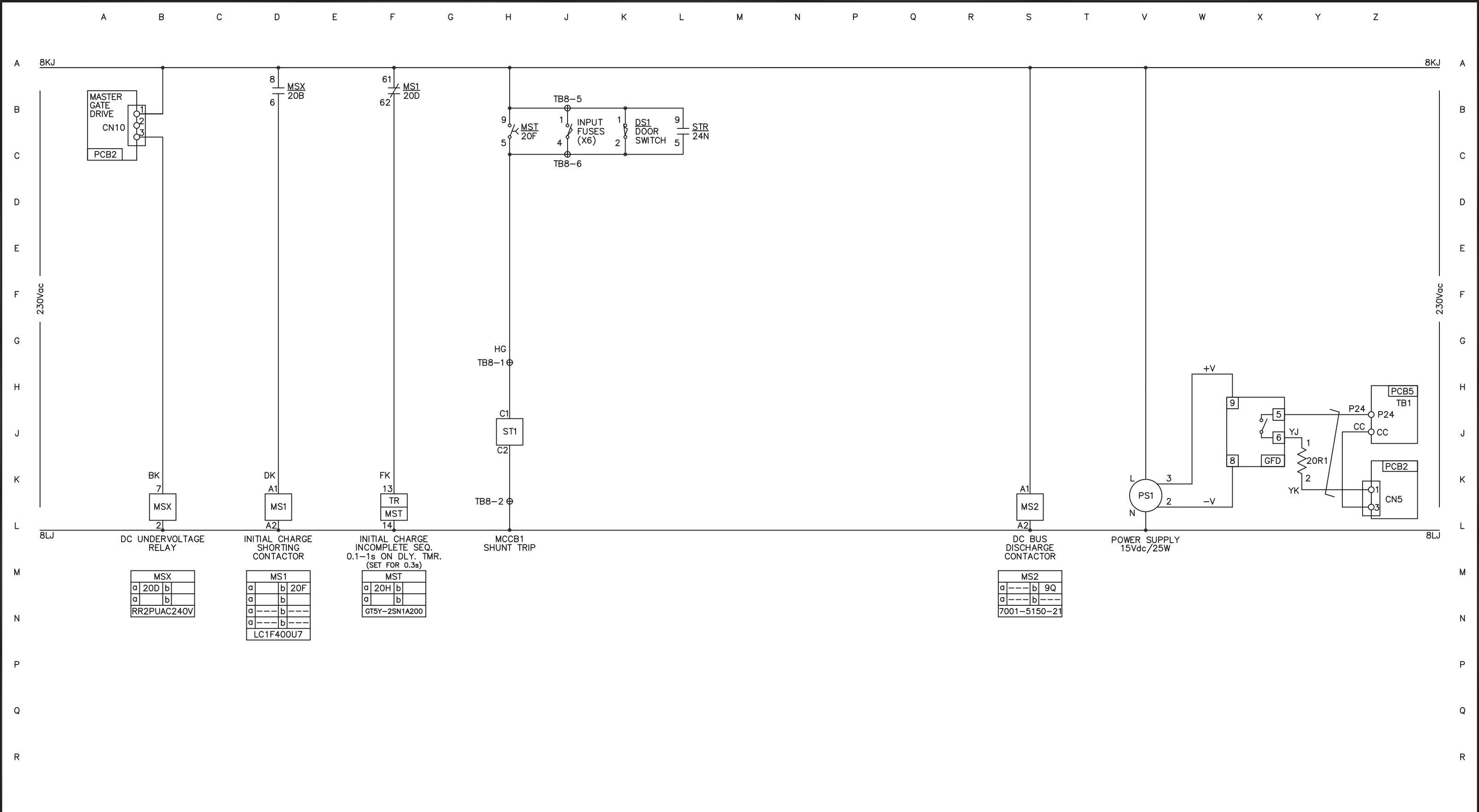
4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: AC IN/DC BUS CIRCUIT – 714~1069RLA 900~1200kVA, GX9 600VAC		REVISION:	SCALE:
3					0					
2										
1										
0	04/10/14	FIRST ISSUE	EY	SE	RKR		CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER:	
REV	DATE	DESCRIPTION	BY	CHK	APPR			1808R909		



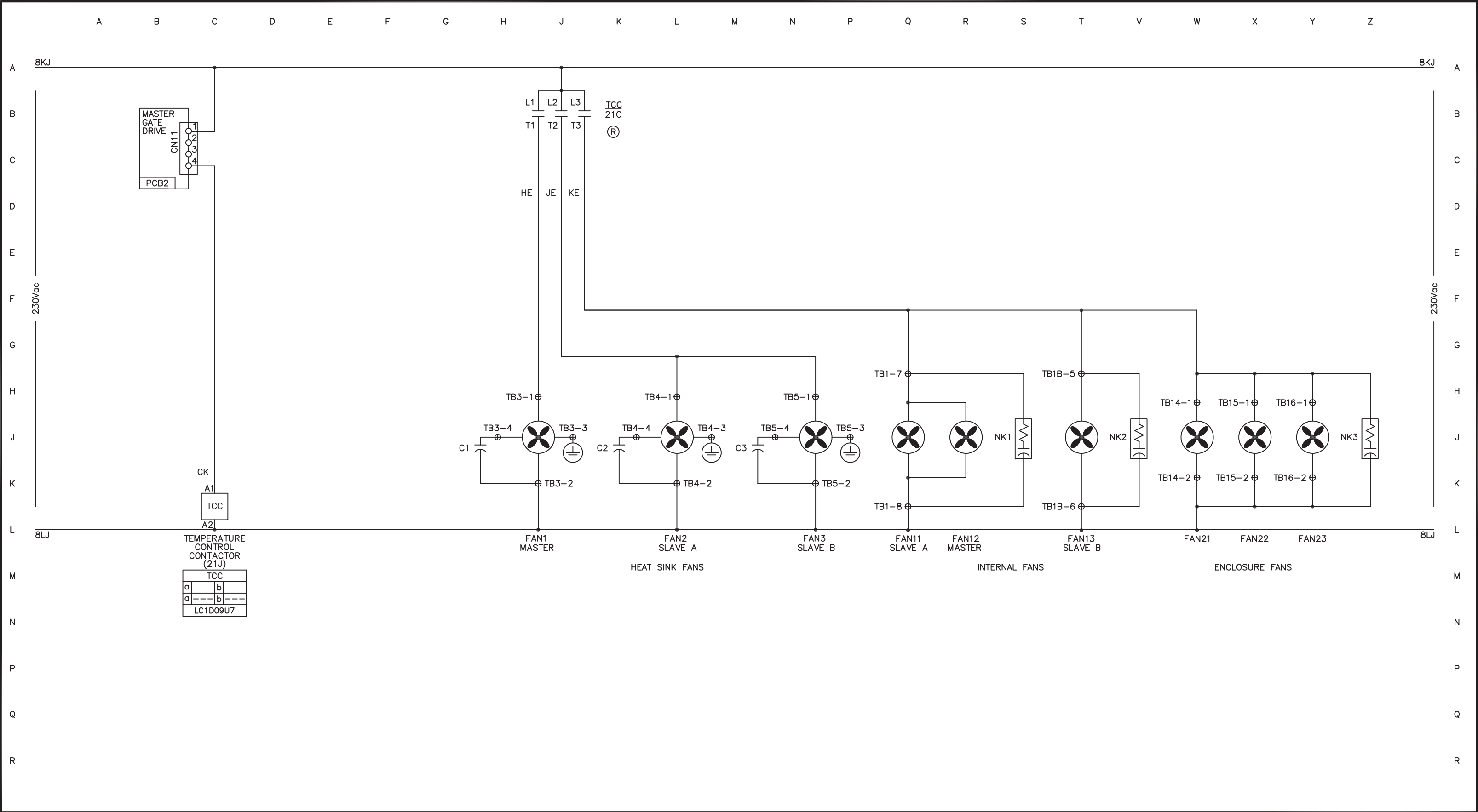
4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: DC BUS/AC OUT CIRCUIT – 714~1069RLA 900~1200kVA, GX9 600V		REVISION: 0	SCALE:
3										
2							DRAWING NUMBER: 1808R910			
1										
1	04/10/14	FIRST ISSUE	EY	SE	RKR		CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER: 1808R910	
REV	DATE	DESCRIPTION	BY	CHK	APPR					



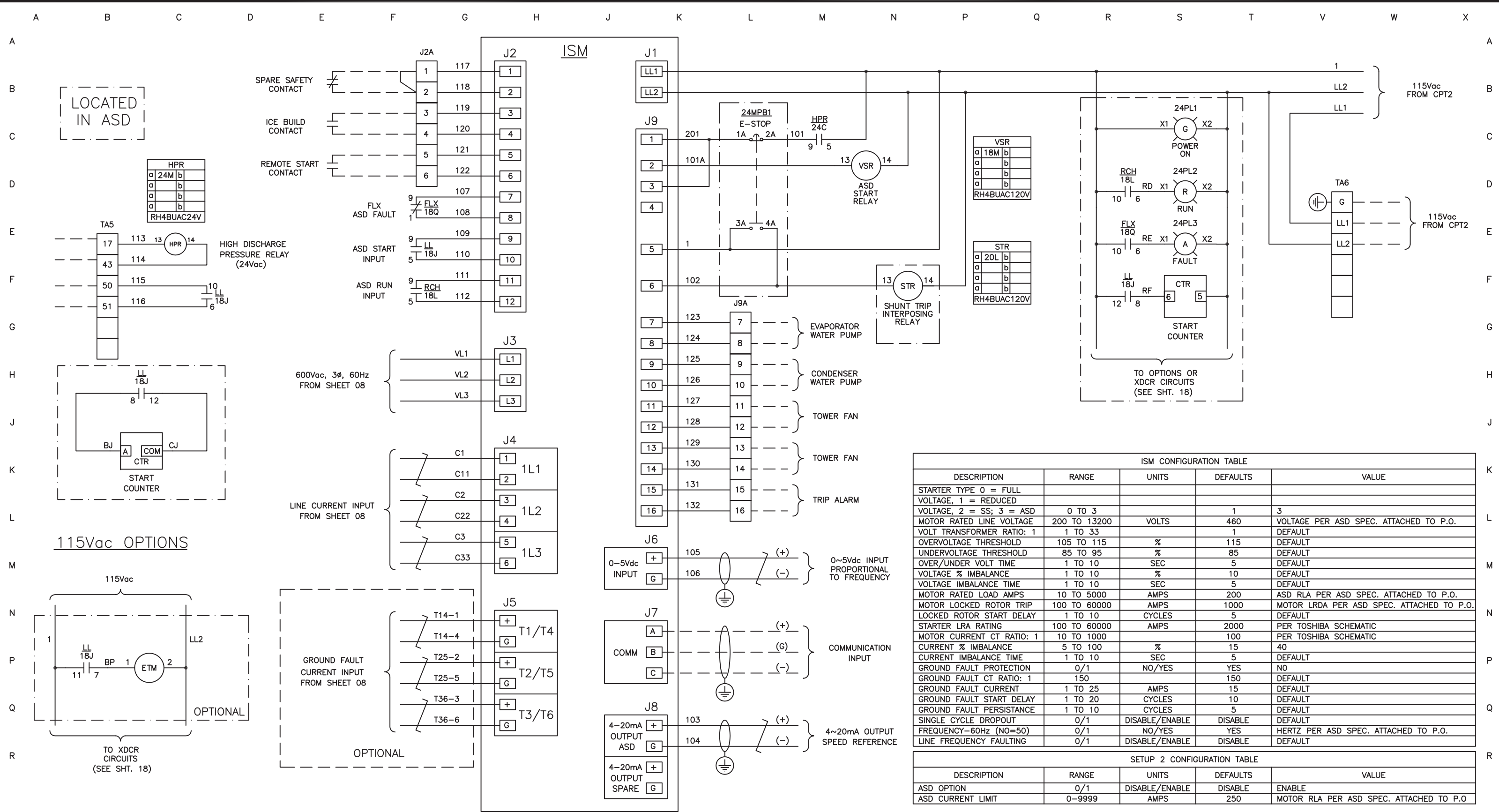
4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: INVERTER CIRCUIT DETAIL – 714~1069RLA 900~1200kVA, GX9 600V		REVISION: 0	SCALE:
3										
2										
1										
0	04/10/14	FIRST ISSUE	EY	SE	RKR					
REV	DATE	DESCRIPTION	BY	CHK	APPR			DRAWING NUMBER: 1808R912		



4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: CONTROL CIRCUIT – 714~1069RLA 900~1200kVA, GX9 600VAC		REVISION: 0	SCALE:
3										
2										
1										
0	04/10/14	FIRST ISSUE	EY	SE	RKR		CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER:	
REV	DATE	DESCRIPTION	BY	CHK	APPR	1808R920				



4						TOSHIBA TOSHIBA INTERNATIONAL CORPORATION MADE IN HOUSTON, TEXAS U.S.A. THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.	TITLE: TEMP CONTROL CIRCUIT – 714~1069RLA 900~1200kVA, GX9 600V		REVISION:	SCALE:
3					0					
2										
1										
0	04/10/14	FIRST ISSUE	EY	SE	RKR		CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER:	
REV	DATE	DESCRIPTION	BY	CHK	APPR			1808R921		



ISM CONFIGURATION TABLE				
DESCRIPTION	RANGE	UNITS	DEFAULTS	VALUE
STARTER TYPE 0 = FULL VOLTAGE, 1 = REDUCED				
VOLTAGE, 2 = SS; 3 = ASD	0 TO 3		1	3
MOTOR RATED LINE VOLTAGE	200 TO 13200	VOLTS	460	VOLTAGE PER ASD SPEC. ATTACHED TO P.O.
VOLT TRANSFORMER RATIO: 1	1 TO 33		1	DEFAULT
OVERVOLTAGE THRESHOLD	105 TO 115	%	115	DEFAULT
UNDERVOLTAGE THRESHOLD	85 TO 95	%	85	DEFAULT
OVER/UNDER VOLT TIME	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	ASD RLA PER ASD SPEC. ATTACHED TO P.O.
MOTOR LOCKED ROTOR TRIP	100 TO 60000	AMPS	1000	MOTOR LRDA PER ASD 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		150	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 DROPOUT	0/1	DISABLE/ENABLE	DISABLE	DEFAULT
FREQUENCY-60Hz (NO=50)	0/1	NO/YES	YES	HERTZ PER ASD SPEC. ATTACHED TO P.O.
LINE FREQUENCY FAULTING	0/1	DISABLE/ENABLE	DISABLE	DEFAULT

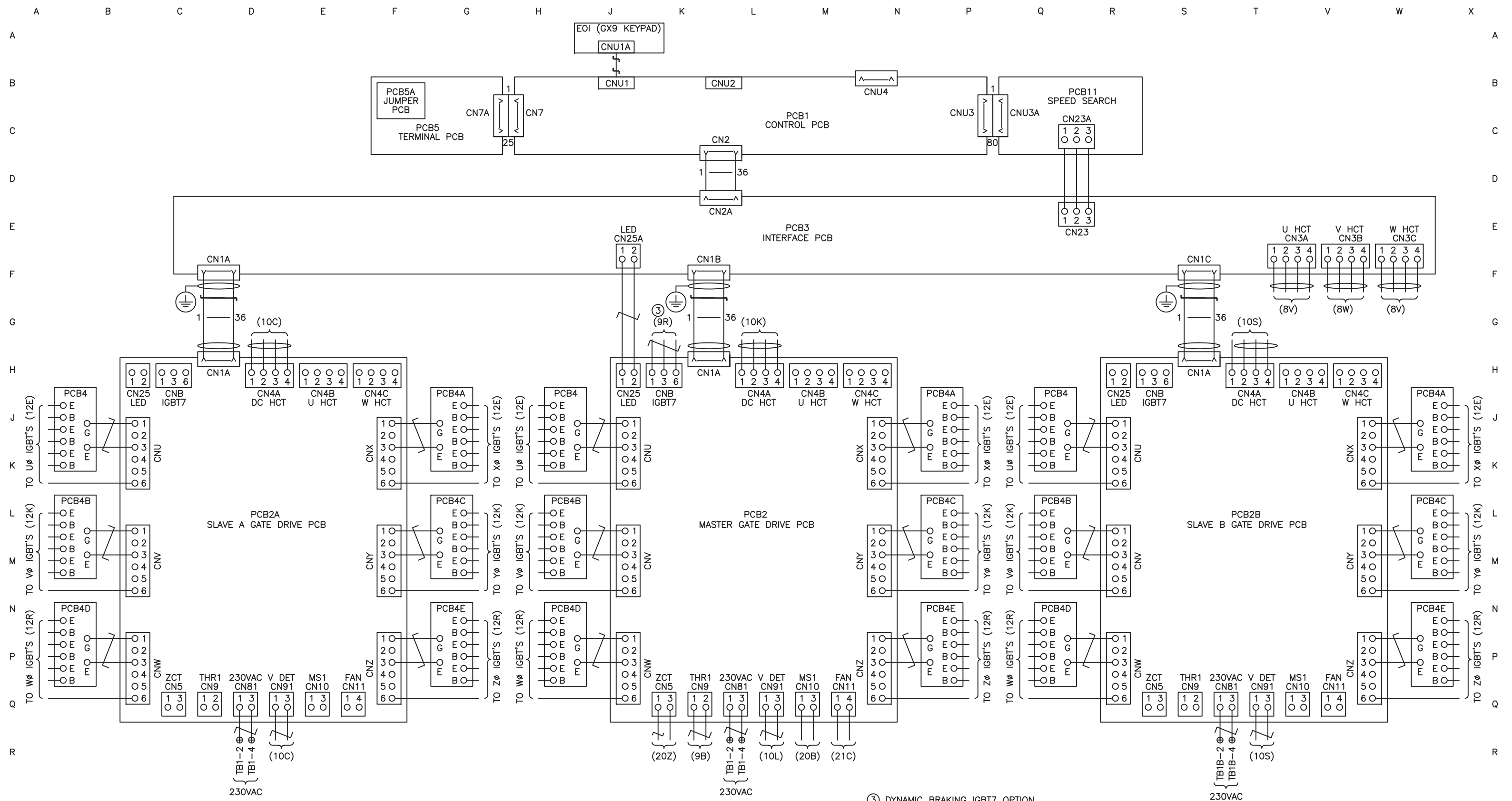
SETUP 2 CONFIGURATION TABLE				
DESCRIPTION	RANGE	UNITS	DEFAULTS	VALUE
ASD OPTION	0/1	DISABLE/ENABLE	DISABLE	ENABLE
ASD CURRENT LIMIT	0~9999	AMPS	250	MOTOR RLA PER ASD SPEC. ATTACHED TO P.O.

4					
3					
2					
1					
0	04/10/14	FIRST ISSUE	EY	SE	RKR
REV	DATE	DESCRIPTION	BY	CHK	APPR

TOSHIBA
TOSHIBA INTERNATIONAL CORPORATION
MADE IN HOUSTON, TEXAS U.S.A.

THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.

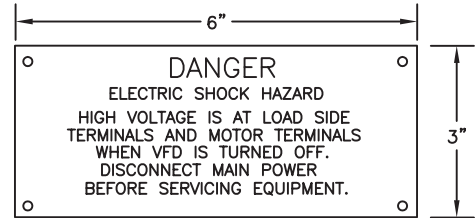
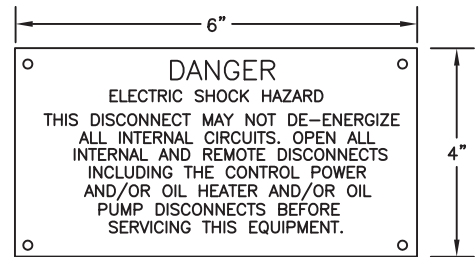
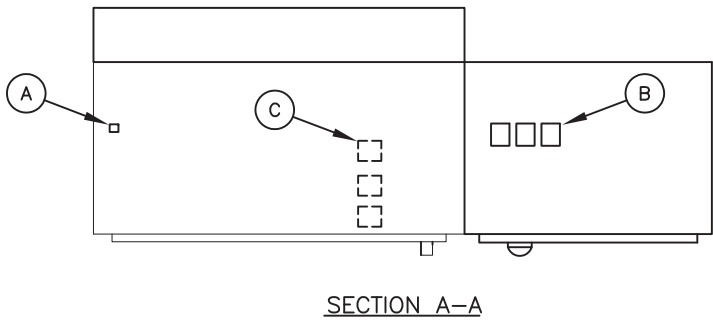
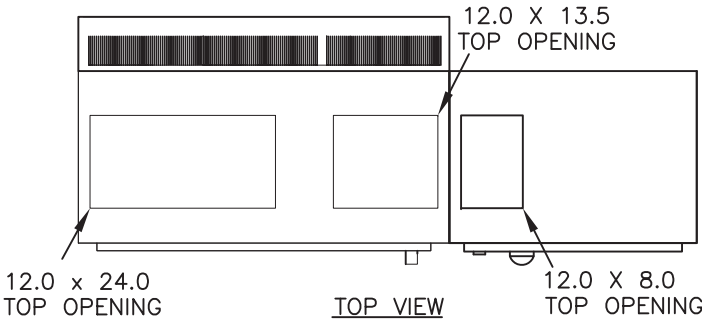
TITLE: ISM MODULE INTERFACE – 714~1069RLA 900~1200kVA, GX9 600VAC		REVISION: 0	SCALE: 1.0=2.3
CUSTOMER:	PROJECT NUMBER:	DRAWING NUMBER: 1808R924	



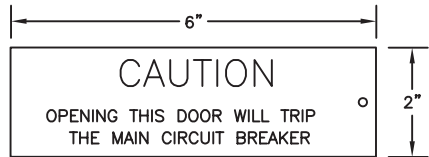
LEGEND

- A – GROUND LUG (1/0 ~ 350MCM)
- B – INPUT TERMINATIONS, TOP ENTRY
2 x (3/0 ~ 500MCM) PER Ø
(75°C TYPES RHW, THHW, THW, THWN, XHHW)
- C – OUTPUT TERMINATIONS, TOP ENTRY
4 x (1/0 ~ 500MCM) PER Ø
(75°C TYPES RHW, THHW, THW, THWN, XHHW)
- D – GREEN PILOT LIGHT – "POWER ON"
- E – RED PILOT LIGHT – "RUN"
- F – AMBER PILOT LIGHT – "FAULT"
- G – PUSHBUTTON – "EMERGENCY STOP"
- H – START COUNTER
- I – ELAPSED TIME METER (OPTIONAL)
- J – AMMETER – 0~XXA (OPTIONAL)
- K – 3Ø AMMETER SWITCH (OPTIONAL)
- L – VOLTMETER – 0~600V (OPTIONAL)
- M – 3Ø VOLTMETER SWITCH (OPTIONAL)

VFD SPEC		CIRCUIT BREAKER RATING	
kVA	RLA RANGE	CB AMPS	AIC@600V
900	714~802	1000	65kA
1000	803~891	1200	65kA
1200	892~1069	1600	65kA

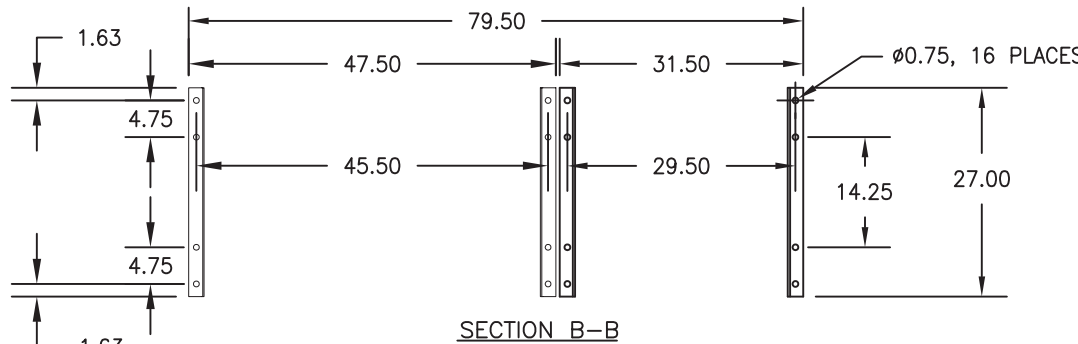
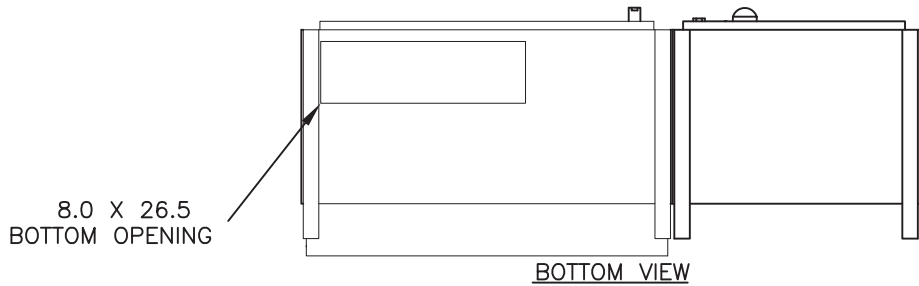
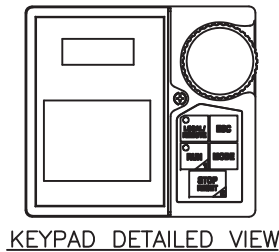
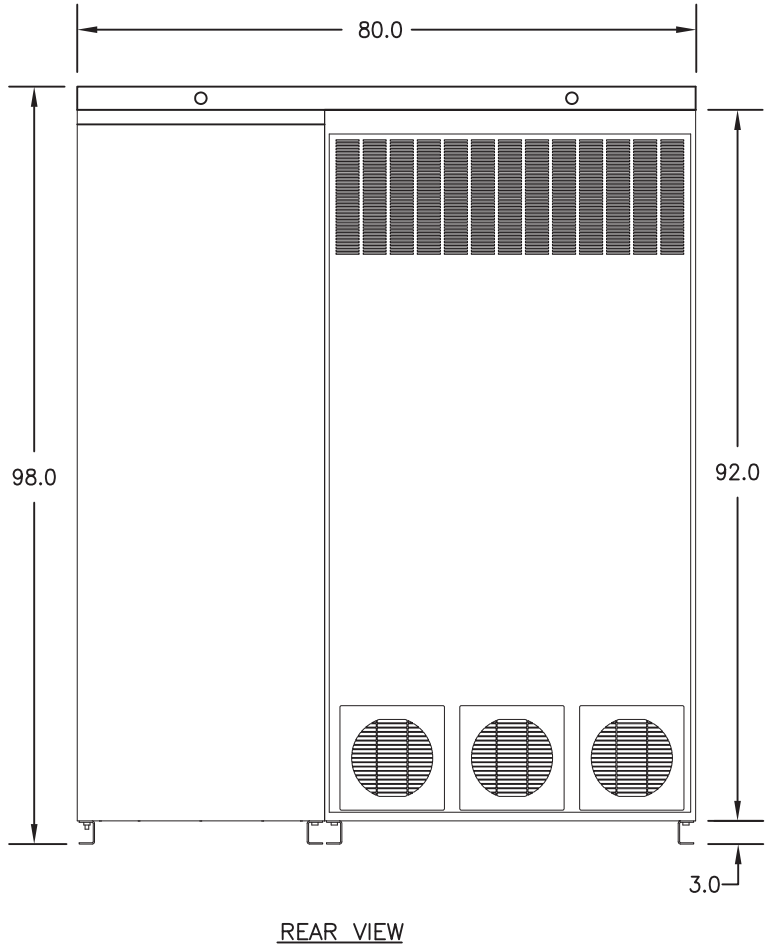
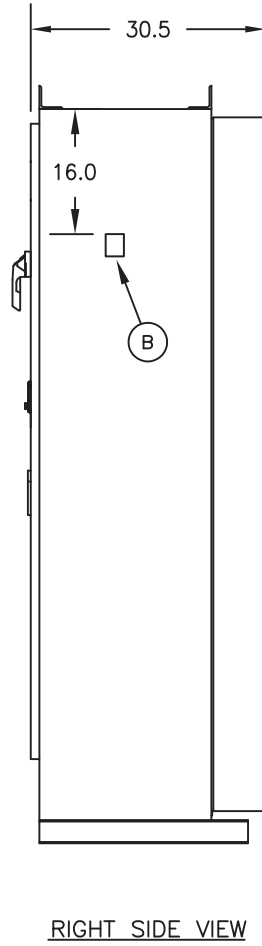
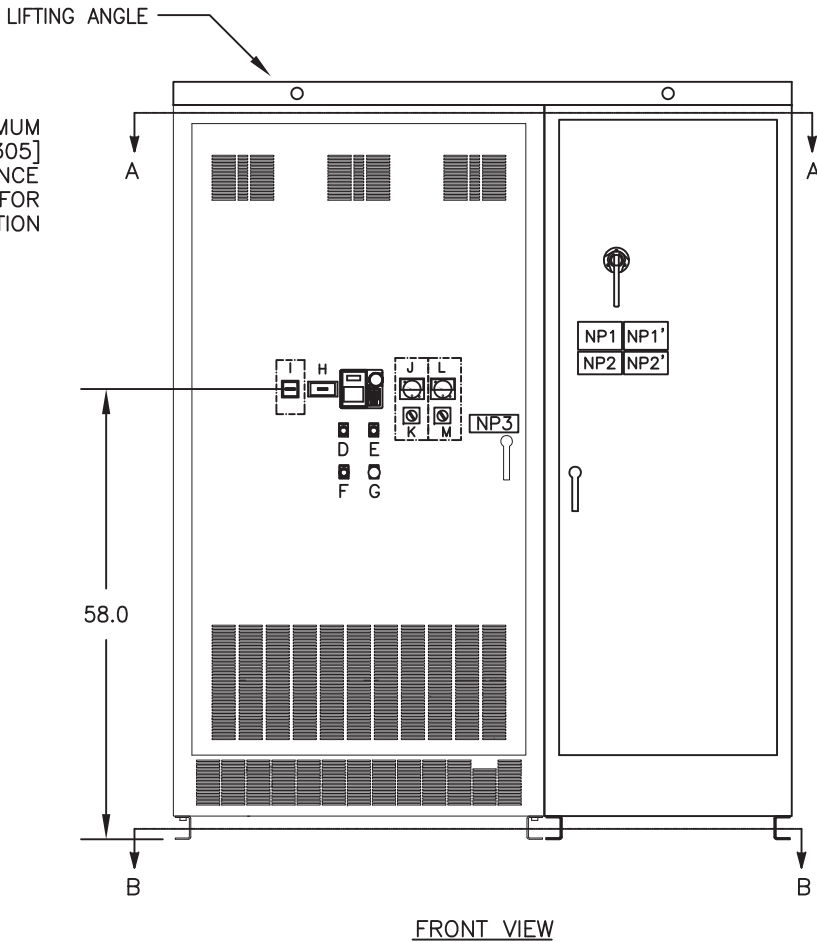
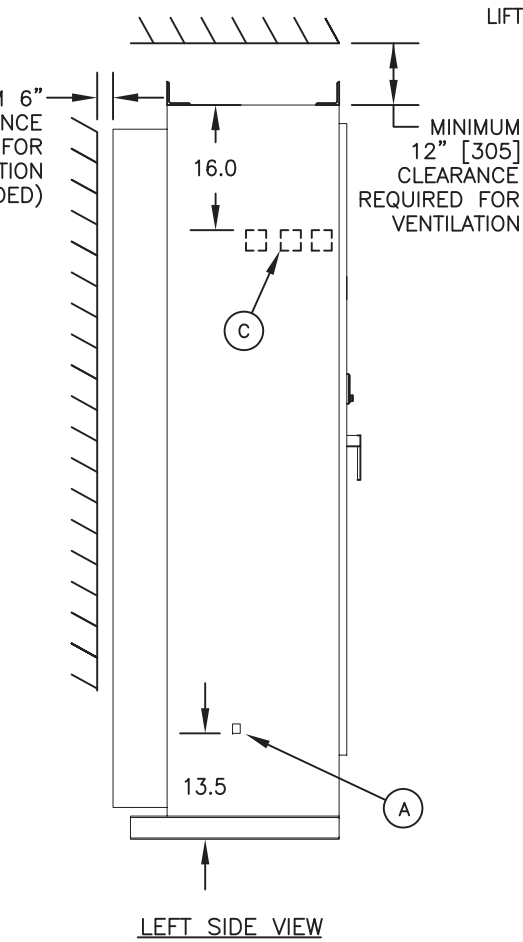


NAMEPLATE 1', 2' = FRENCH EQUIVALENT



NOTES

- DIMENSIONS ARE IN INCHES.
- DIMENSIONS FOR REFERENCE ONLY.
- WEIGHT: APPROX. 3850lbs. (1750kg)
- COLOR: GRAY
- INPUT/OUTPUT TERMINATION BENDING SPACE IN ACCORDANCE WITH NEC TABLE 312-6(b)



4					
3					
2					
1					
0	04/10/14	FIRST ISSUE	EY	SE	RKR
REV	DATE	DESCRIPTION	BY	CHK	APPR

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION
MADE IN HOUSTON, TEXAS U.S.A.

THIS MATERIAL IS THE EXCLUSIVE PROPERTY OF TOSHIBA INTERNATIONAL CORPORATION AND SHALL NOT BE REPRODUCED, USED, OR DISCLOSED TO OTHERS UNLESS PRIOR WRITTEN AUTHORIZATION IS OBTAINED.

TITLE: ENCLOSURE OUTLINE – 714~1069RLA 900~1200kVA, GX9 600VAC	
CUSTOMER:	PROJECT NUMBER:

REVISION: 0	SCALE: 1.0=26.0
DRAWING NUMBER: 1808R931	