

MVVSD0800R_-92
 MVVSD0900R_-92
 MVVSD1000R_-92
 MVVSD1250R_-92
 MVVSD1500R_-92

T = YT UNITS
 K = YK UNITS

NO	DRAWING NO	REV	DRAWING DESCRIPTION
00	I808K300	2	MEDIUM VOLTAGE FLOOR MOUNT VFD
01	---	---	----
02	---	---	----
03	I808K303	0	GROUNDING PROCEDURE
04	---	---	----
05	I808K305	1	RATING SHEET
06	---	---	----
07	I808K307	0	ONE-LINE DIAGRAM
08	---	---	----
09	---	---	----
10	I808K310	1	THREE-LINE DIAGRAM
11	I808K311	0	MAIN CIRCUIT
12	I808K312	0	RECTIFIER CIRCUIT
13	---	---	----
14	---	---	----
15	I808K315	0	CONTROL POWER AND FAN CIRCUITS

NO	DRAWING NO	REV	DRAWING DESCRIPTION
16	I808K316	1	PCB INTERCONNECTION (1)
17	I808K317	0	PCB INTERCONNECTION (2)
18	I808K318	0	EXTERNAL I/O (1)
19	I808K319	0	EXTERNAL I/O (2)
20	I808K320	0	CONTROL CIRCUIT
21	---	---	----
22	---	---	----
23	---	---	----
24	---	---	----
25	---	---	----
26	---	---	----
27	---	---	----
28	I808K328	1	CHILLER SYSTEM TERMINAL CONNECTIONS
29	---	---	----
30	I808K330	0	ENCLOSURE OUTLINE
31	---	---	----

REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
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YORK INTERNATIONAL CORPORATION YORK, PA .17405			
DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.		MEDIUM VOLTAGE VFD FLOOR MOUNT FRAME 1 3300V	
DR. NAME _____ DATE _____		SIZE D	CAGE NO _____
APPR. SCALE: _____		DRAWING NUMBER I808K300	
WT. = _____ LBS.		ORIG. NO. _____	SHEET 1 of 15

STANDARD PANEL GROUNDING PROCEDURES
TO BE FOLLOWED AT INSTALLATION

SCOPE

THIS DRAWING WILL DOCUMENT PROCEDURES WHICH ARE TO BE FOLLOWED BY CUSTOMER'S CONTRACTOR WHEN INSTALLING INDUSTRIAL DRIVE AND MOTOR SYSTEMS

IN ORDER TO UNDERSTAND THE REASONS FOR MANY OF THE PRACTICES THAT ARE RECOMMENDED, IT IS HELPFUL TO SEGREGATE THESE PRACTICES INTO TWO CATEGORIES AS FOLLOWS:

1) THOSE GENERALLY REFERRED TO AS EQUIPMENT GROUNDING PRACTICES WHOSE PURPOSES ARE:

- TO PROTECT AGAINST THE RISK OF ELECTRICAL SHOCK OR BURN.
- TO PROTECT THE EQUIPMENT FROM FIRE OR OTHER DAMAGE DUE TO GROUND FAULTS OR LIGHTNING STRIKES.

THESE PRACTICES WOULD TYPICALLY BE FOLLOWED BY THE CONTRACTOR IN COMPLIANCE WITH NEC OR OTHER CODE REQUIREMENTS.

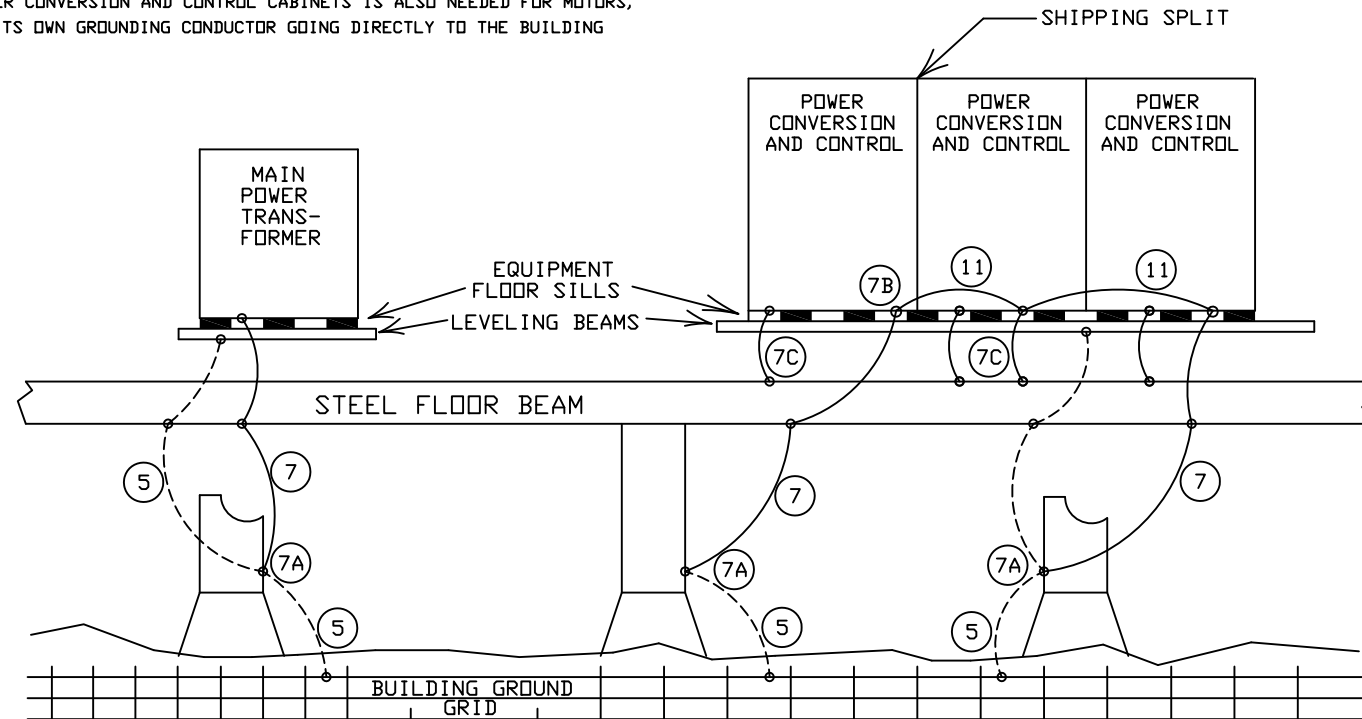
2) THOSE PRACTICES WHICH MAKE THE EQUIPMENT IMMUNE TO ELECTRICAL NOISE ORIGINATING WITHIN OR OUTSIDE THE EQUIPMENT. THESE COMPLEMENT THE EQUIPMENT GROUNDING AND LEVEL WIRING PRACTICES IN PROVIDING NOISE IMMUNITY.

EQUIPMENT GROUNDING

- 1) ALL METAL BUILDING STRUCTURES SUCH AS COLUMNS, FLOOR BEAMS, ETC. SHOULD BE GROUNDED BY AN INTERCONNECTING HEAVY GROUND CABLE (5) IN ACCORDANCE WITH RECOMMENDED BUILDING PRACTICES AND LOCAL CODES.
- 2) ALL ELECTRICAL JOINTS AND CONNECTIONS TO THE BUILDING STRUCTURES SHOULD BE BRAZED OR EXOTHERMIC WELDED TO ASSURE THAT THE REQUIRED GOOD ELECTRICAL AND MECHANICAL PROPERTIES DO NOT DETERIORATE WITH THE PASSAGE OF TIME.
- 3) ALL PANELS SHOULD BE GROUNDED AT LEAST ONE POINT USING A HEAVY SAFETY CABLE (7). PANELS GREATER THAN 15 FT LONG SHOULD BE GROUNDED AT BOTH ENDS. THE GROUND CABLE NEEDS TO BE AT LEAST 1/0 AWG FOR MECHANICAL REASONS AND NEED NOT BE GREATER THAN 500 MCM. THIS CABLE IS USUALLY NON-INSULATED.
- 4) THE SAFETY GROUND CABLE (7) SHOULD BE BRAZED OR EXOTHERMIC WELDED (7A) TO A BUILDING STEEL STRUCTURE THAT IS CLOSEST TO THE PANEL, PREFERABLY WITHIN 25 FT.
- 5) THE EQUIPMENT END (7B) SHOULD BE BOLTED OR BRAZED TO A GROUND TERMINATION POINT ON THE PANEL.
- 6) THE EQUIPMENT GROUNDING TERMINAL IS A COPPER GROUND BUS OR STUB BUS BONDED TO THE PANEL ENCLOSURE USING BRAZING OR BOLTING IN SUCH MANNER THAT THE CONDUCTING PATH HAS A RESISTANCE OF 0.1 OHMS OR LESS.
- 7) THE GROUNDING CONDUCTORS MUST BE CAPABLE OF HANDLING ANTICIPATED GROUND FAULT CURRENTS.
- 8) THERE SHOULD BE A JUMPER CABLE (11) ACROSS THE GROUND BUS FLOOR SILL BETWEEN ANY SHIPPING SPLITS AND SIZED THE SAME AS THE SAFETY GROUND UNLESS OTHERWISE SPECIFIED.
- 9) THE PROTECTIVE GROUNDING DESCRIBED ABOVE FOR POWER CONVERSION AND CONTROL CABINETS IS ALSO NEEDED FOR MOTORS, TRANSFORMERS AND REACTORS. EACH OF THESE SHOULD HAVE ITS OWN GROUNDING CONDUCTOR GOING DIRECTLY TO THE BUILDING GROUND GRID.

GROUNDING PROCEDURES NEEDED TO ENSURE ELECTRICAL NOISE IMMUNITY

- 1) LEVELING BEAMS, STEEL MESH, GALVANIZED FLOOR, DECKING, ETC. SHOULD BE INSTALLED PRIOR TO PLACING THE EQUIPMENT. THESE SHOULD BE CONNECTED TO THE BUILDING GROUND SYSTEM USING A BRAZING OR EXOTHERMIC WELDING PROCESS.
- 2) GROUNDING LEVELING BEAMS ARE NOT AN ABSOLUTE NECESSITY FOR SATISFACTORY OPERATION. ON NEW CONSTRUCTION SUCH BEAMS CAN BE PROVIDED WITH LITTLE DIFFICULTY. FOR EXISTING CONSTRUCTION IT USUALLY WILL BE MORE DIFFICULT, IN WHICH CASE THE LEVELING BEAMS MAY BE DISPENSED WITH, PROVIDED OTHER GROUNDED STRUCTURES SUCH AS COLUMNS AND FLOOR BEAMS ARE WITHIN 10 FEET OF THE EQUIPMENT.
- 3) AFTER SETTING THE CONTROL PANELS IN PLACE, THE PERIPHERY OF THE CONTROL PANELS SHOULD BE SPOT WELDED TO THE STEEL CHANNELS APPROXIMATELY EVERY 18 INCHES. THIS CREATES A VERY GOOD HIGH FREQUENCY GROUND PLANE. CARE SHOULD BE TAKEN TO AVOID ELECTRONIC COMPONENT DAMAGE DURING THE WELDING PROCESS BY KEEPING THE WELDED RETURN PATH AS CLOSE AS POSSIBLE TO THE WORK POSITION. THAT IS, THE RETURN PATH SHOULD ALWAYS BE WITHIN 3 FEET OF THE ELECTRODE.
- 4) IF LEVELING BEAMS ARE NOT INSTALLED, A NUMBER OF GROUNDING CABLES (7C) SHOULD BE RUN FROM THE GROUND LUGS PROVIDED ON THE PANEL TO THE NEAREST GROUNDED COLUMN OR FLOOR BEAM, OR WIRE FLOOR MESH, ETC. THIS WILL PROVIDE THE NECESSARY HIGH FREQUENCY GROUND PLANE.



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DR. _____ APPR. _____ SCALE: _____	NAME _____ DATE _____ SIZE D	CAGE NO. _____	DRAWING NUMBER 1808K303
WT. = _____ LBS.	ORIG. NO. _____	SHEET 2 of 15	

COMPONENT RATING			
SHEET NUMBER	COMPONENT	MVSD0800R_-92 ~ 1500R_-92	
		RATING	
5	10LA	6kV	
	10ISW1	360A, 6.6kV	
	10FU1~3	SEE TABLE A	
	10M1	360A, 6.6kV	
	10M1A	360A, 6.6kV	
	10ACL	17.9mH	
	10F4~7	2E, 4.8kV	
	10PT1~2	450VA, 3300:110V	
	10CPT	SEE TABLE A	
	10F8~10	4E, 4.8kV	
	10F12~14	SEE TABLE A	
	10F15	20A, 600Vac	
	6	HCTU,HCTW	300A:120mA
11T1		SEE TABLE A	
11R11		100k ohm, 225W	
GDI		---	
7	FUSE	SEE TABLE A	
	DIODE	2200V, 260A	
	POWER MODULE (U,V,W)	±1800Vdc, 248A	
8	15MCB1	15A, 600V	
	15V1	480V, 2a2b	
	15MS1~2	1.6~2.5A, 480V (set @ 2.3A)	
	15MOV1~3	625V, 230J	
	15FN1~2	460V, 1.2kW	
	15MCB2	240Vac, 20A, 2P	
	15F1~2	5A, 600Vac	
	PDM	---	
	15PS1	120/240:+5,+/-15,24V,80W	
	15DS1	10A, 600V	
	VX	25A, 4a4b/2a2b, 120Vac	
	15VFD	460V, 5.5A	
	15LF	480V, 6A	
	9	CTR	---
		GSD	---
16R1,3		SEE TABLE A	
16R2,4		SEE TABLE A	
MODBUS		ETHERNET/RTU (RS485)	
10	IPAD	---	
	DISP	G7A	
	XIO	---	
11	BLR	24Vdc, 4a4b	
	FLT,INPC	24Vdc, 2a2b	
13	EXT	115V, 4a4b	

MODEL NUMBER	MOTOR HP	DRIVE FLA	OIL PUMP TYPE	10FU1~3	10CPT	10F12~14	11T1	FUSE	16R1,3	16R2,4
				RATING	RATING	RATING	RATING	RATING	RATING	RATING
MVSD0800RT-92	800	124	YT	175E, 5.5KV	3300:400V-2KVA,115V-2KVA	5A, 600V	703kVA,3300V:635V(12)	700V, 125A	32 ohm, 3W, 1%	25 ohm, 3W, 1%
MVSD0800RK-92	800	124	YK	175E, 5.5KV	3300:400V-3KVA,115V-2KVA	7A, 600V	703kVA,3300V:635V(12)	700V, 125A	32 ohm, 3W, 1%	25 ohm, 3W, 1%
MVSD0900RT-92	900	141	YT	175E, 5.5KV	3300:400V-2KVA,115V-2KVA	5A, 600V	788kVA,3300V:635V(12)	700V, 150A	25 ohm, 3W, 1%	25 ohm, 3W, 1%
MVSD0900RK-92	900	141	YK	175E, 5.5KV	3300:400V-3KVA,115V-2KVA	7A, 600V	788kVA,3300V:635V(12)	700V, 150A	25 ohm, 3W, 1%	25 ohm, 3W, 1%
MVSD1000RT-92	1000	156	YT	200E, 5.5KV	3300:400V-2KVA,115V-2KVA	5A, 600V	873kVA,3300V:635V(12)	700V, 175A	35 ohm, 3W, 1%	10 ohm, 3W, 1%
MVSD1000RK-92	1000	156	YK	200E, 5.5KV	3300:400V-3KVA,115V-2KVA	7A, 600V	873kVA,3300V:635V(12)	700V, 175A	35 ohm, 3W, 1%	10 ohm, 3W, 1%
MVSD1250RT-92	1250	195	YT	250E, 5.5KV	3300:400V-2KVA,115V-2KVA	5A, 600V	1085kVA,3300V:635V(12)	700V, 200A	25 ohm, 3W, 1%	11 ohm, 3W, 1%
MVSD1250RK-92	1250	195	YK	250E, 5.5KV	3300:400V-3KVA,115V-2KVA	7A, 600V	1085kVA,3300V:635V(12)	700V, 200A	25 ohm, 3W, 1%	11 ohm, 3W, 1%
MVSD1500RT-92	1500	235	YT	300E, 5.5KV	3300:400V-2KVA,115V-2KVA	5A, 600V	1296kVA,3300V:635V(12)	700V, 200A	15 ohm, 3W, 1%	15 ohm, 3W, 1%
MVSD1500RK-92	1500	235	YK	300E, 5.5KV	3300:400V-3KVA,115V-2KVA	7A, 600V	1296kVA,3300V:635V(12)	700V, 200A	15 ohm, 3W, 1%	15 ohm, 3W, 1%

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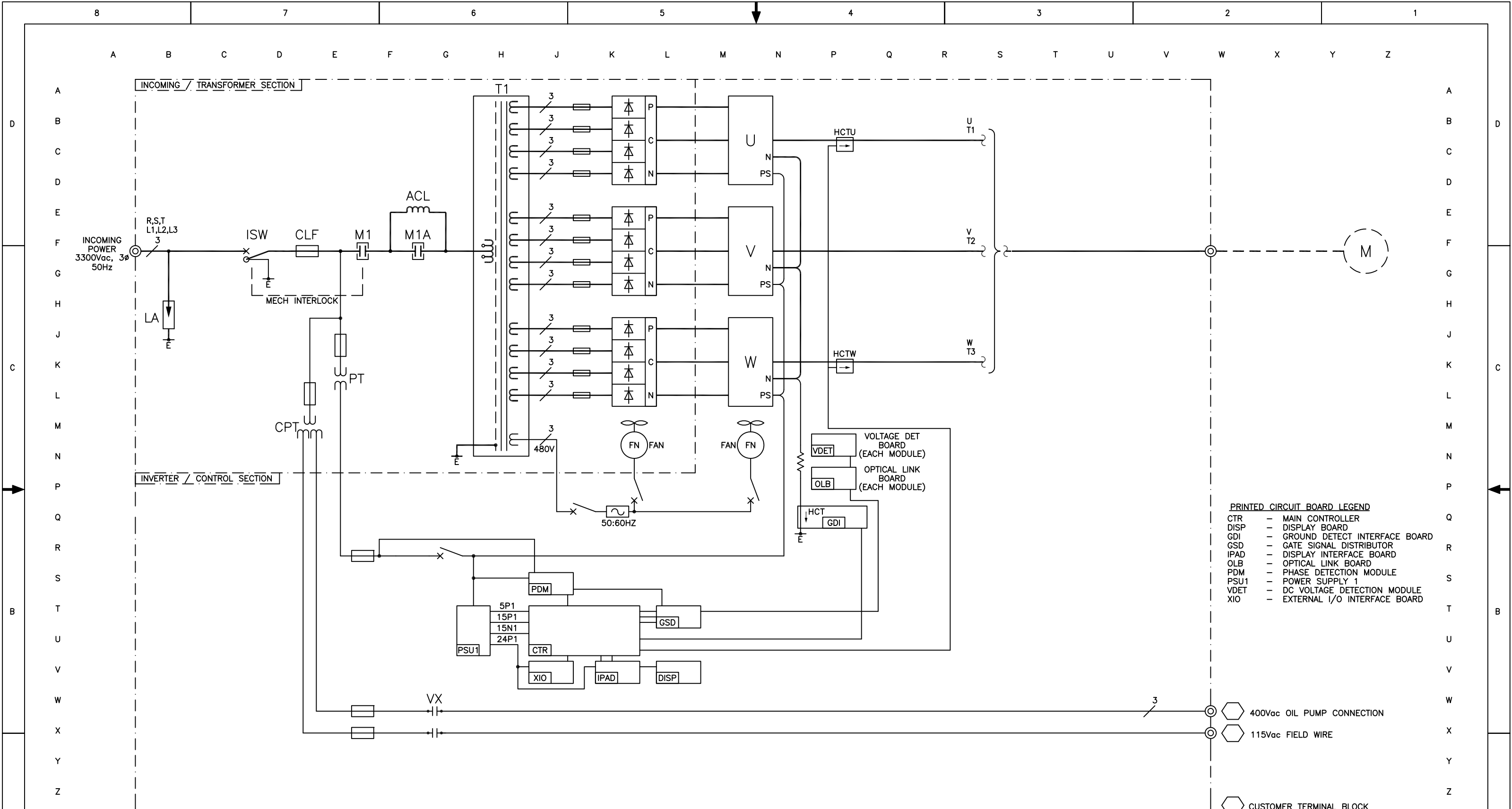
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TOLERANCES PER ENG. STD. M-282
WELDING PER ENG. STD. M-30
REF. DWG.

**RATING SHEET,
COMPONENTS**

MATERIAL
TYPE _____ ENG. STD. _____
PART NO. _____
CUT SIZE _____

DR. _____ DATE _____ SIZE _____ CAGE NO. _____ DRAWING NUMBER
APPR. _____ 1808K305
SCALE: _____

WT. = _____ LBS. ORIG. NO. _____ SHEET 3 of 15



- PRINTED CIRCUIT BOARD LEGEND**
- CTR - MAIN CONTROLLER
 - DISP - DISPLAY BOARD
 - GDI - GROUND DETECT INTERFACE BOARD
 - GSD - GATE SIGNAL DISTRIBUTOR
 - IPAD - DISPLAY INTERFACE BOARD
 - OLB - OPTICAL LINK BOARD
 - PDM - PHASE DETECTION MODULE
 - PSU1 - POWER SUPPLY 1
 - VDET - DC VOLTAGE DETECTION MODULE
 - XIO - EXTERNAL I/O INTERFACE BOARD

400Vac OIL PUMP CONNECTION
 115Vac FIELD WIRE
 CUSTOMER TERMINAL BLOCK

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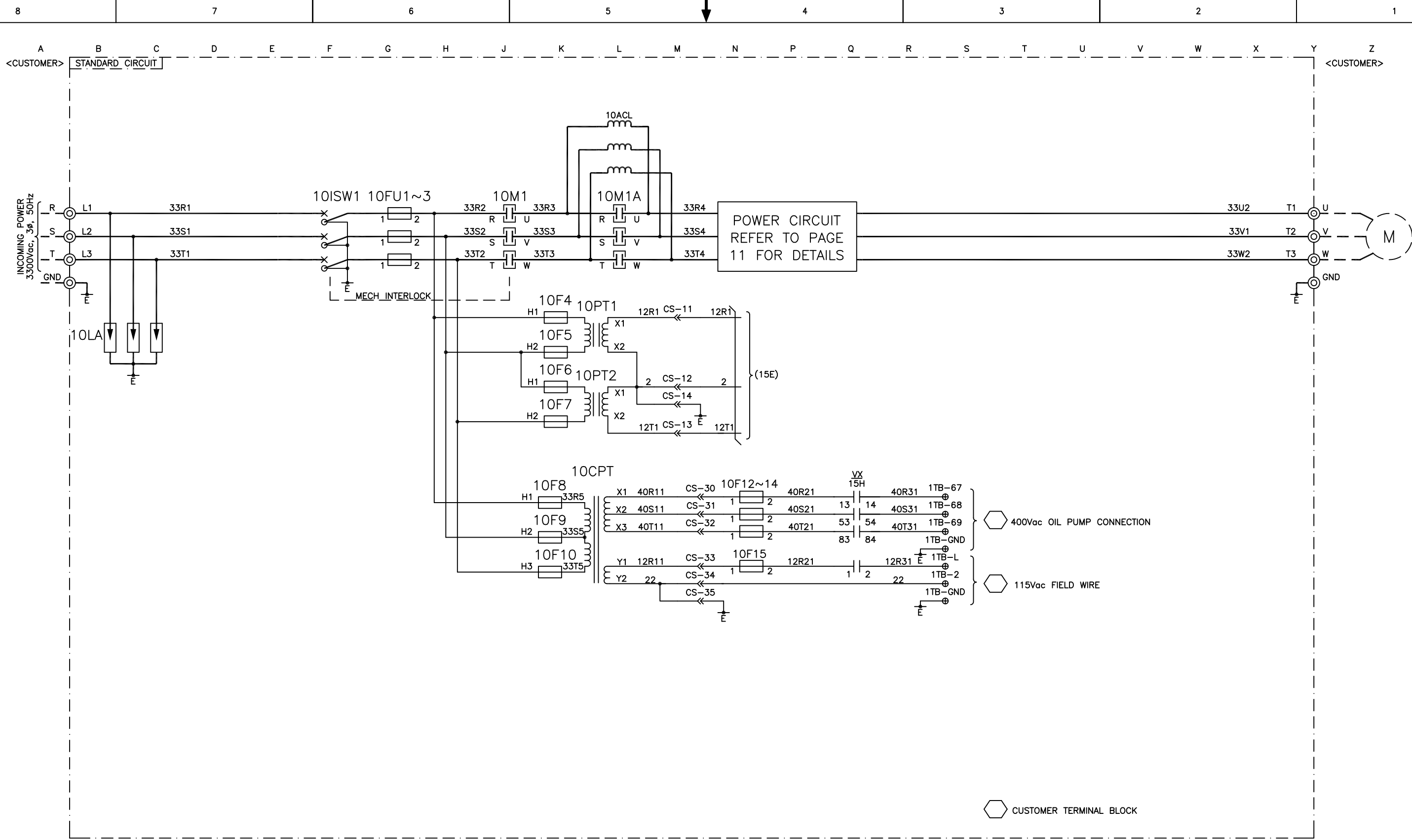
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 REF. DWG.

ONE-LINE DIAGRAM

MATERIAL TYPE _____ ENG. STD. _____
 PART NO. _____
 CUT SIZE _____

NAME _____ DATE _____ SIZE _____ CAGE NO. _____ DRAWING NUMBER 1808K307
 DR. APPR. _____ SCALE: _____

WT. = _____ LBS. ORIG. NO. _____ SHEET 4 of 15

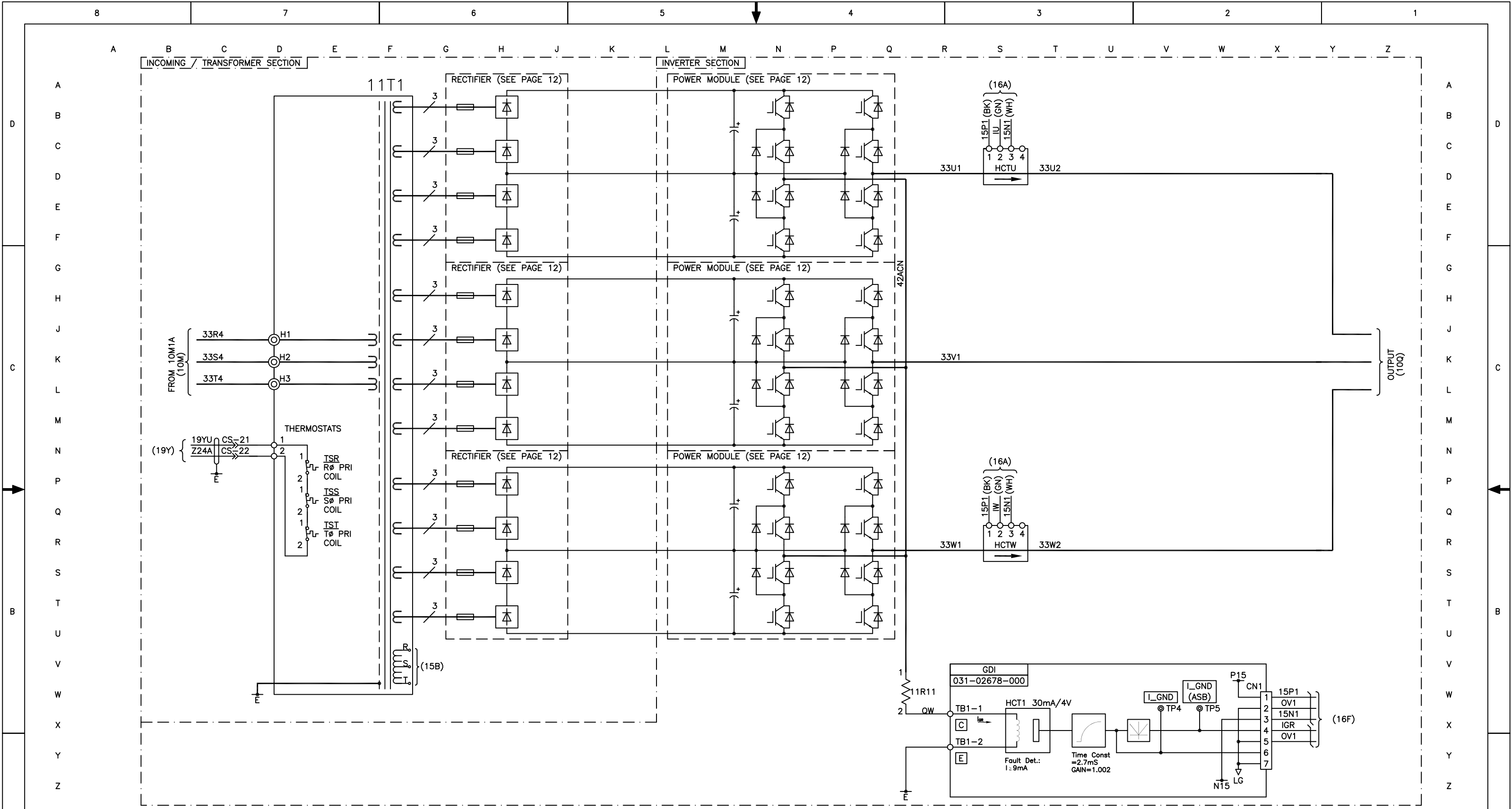


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DR. _____	NAME _____	DATE _____	SIZE D	CAGE NO. _____	DRAWING NUMBER 1808K310
APPR. _____			WT. = _____	LBS. _____	ORIG. NO. _____
				SHEET	5 of 15

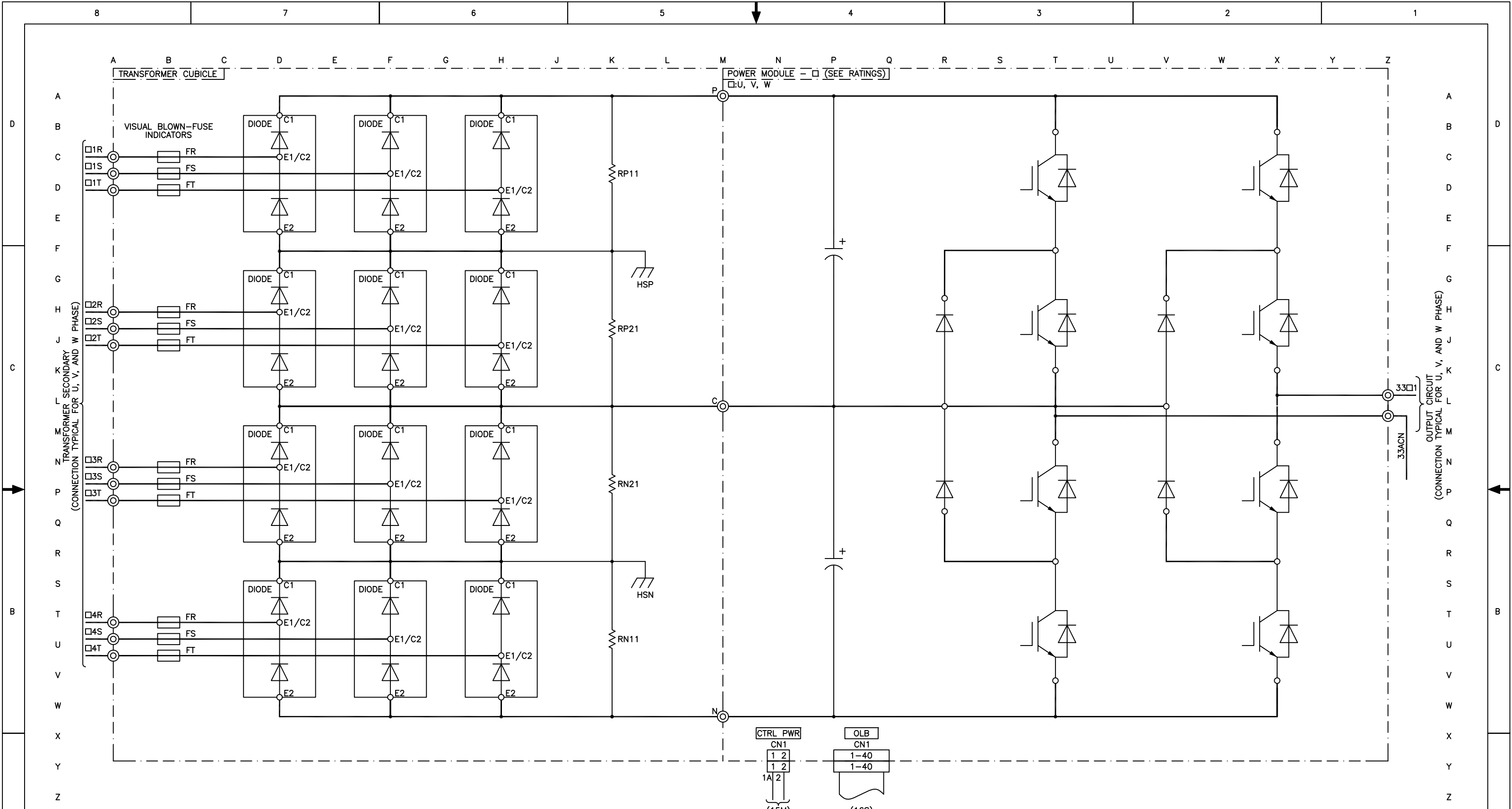
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MAIN CIRCUIT																							
MATERIAL TYPE _____ ENG. STD. _____ PART NO. _____ CUT SIZE _____																							
NAME _____ DATE _____			SIZE _____			CAGE NO _____			DRAWING NUMBER 1808K311														
DR. _____			APPR. _____			SCALE _____			WT. = _____ LBS. _____														
ORIG. NO. _____ SHEET 6 of 15																							
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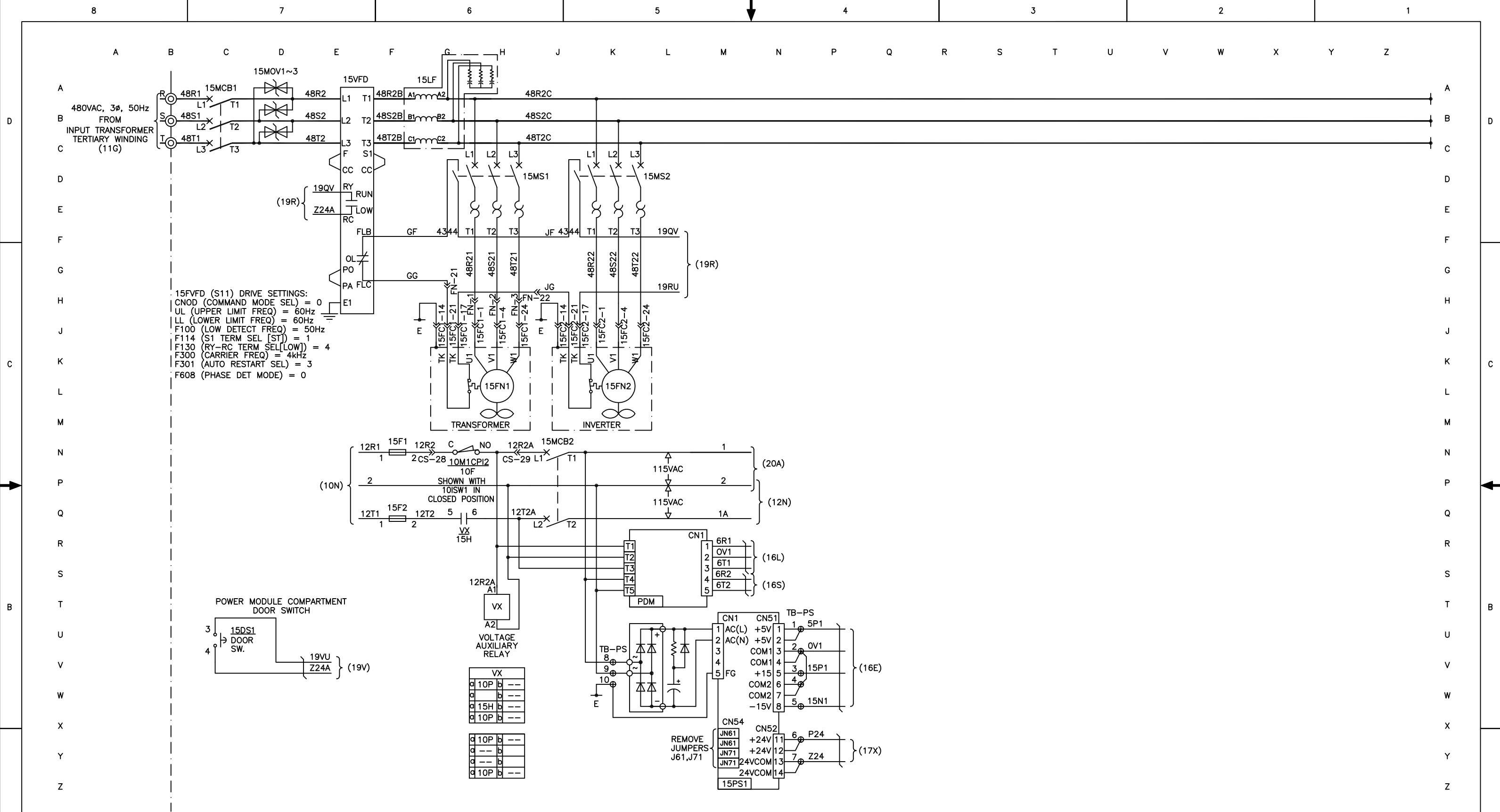


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DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.

RECTIFIER CKT. (ONE PHASE)
MATERIAL TYPE _____ ENG. STD. _____
PART NO. _____
CUT SIZE _____



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REVISION RECORD						REVISION RECORD						REVISION RECORD									
REV. LEV.	DATE	CHG. NO.	DR.	CK.	REV. LEV.	DATE	CHG. NO.	DR.	CK.	REV. LEV.	DATE	CHG. NO.	DR.	CK.	REV. LEV.	DATE	CHG. NO.	DR.	CK.		
6					13					20											
5					12					19											
4					11					18											
3					10					17											
2					9					16											
1					8					15											
0	08/22/06	FIRST ISSUE			7					14											

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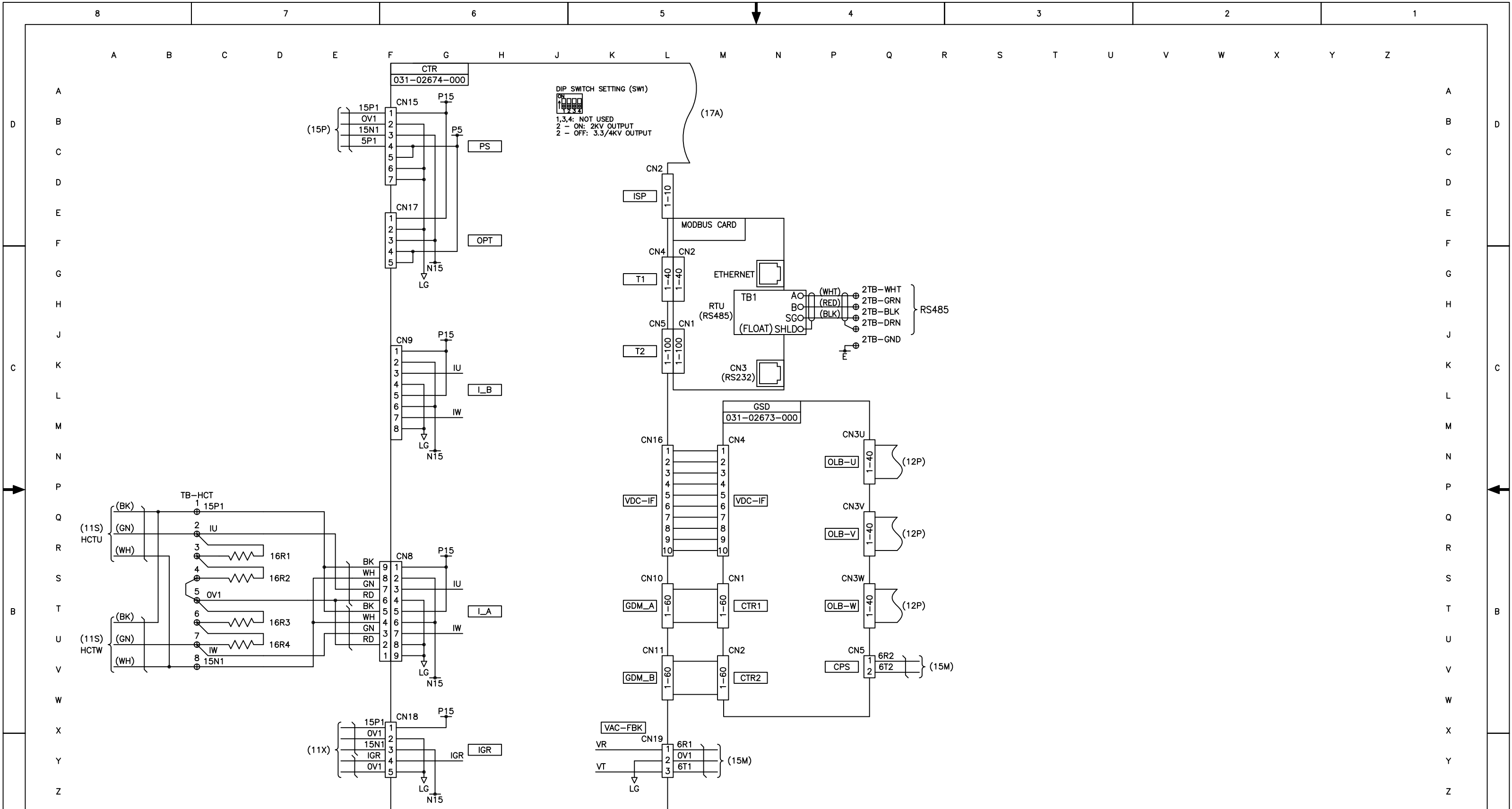
DIMENSIONS ARE IN INCHES
DO NOT SCALE
TOLERANCES PER ENG. STD. M-282
WELDING PER ENG. STD. M-30
REF. DWG.

CONTROL POWER AND FANS CIRCUIT

MATERIAL
TYPE _____ ENG. STD. _____
PART NO. _____
CUT SIZE _____

NAME _____ DATE _____ SIZE _____ CAGE NO. _____ DRAWING NUMBER 1808K315

DR. APPR. _____ SCALE: _____ WT. = _____ LBS. ORIG. NO. _____ SHEET 8 of 15



YORK INTERNATIONAL CORPORATION
 YORK, PA . 17405

**PCB (1)
 INTERCONNECTION**

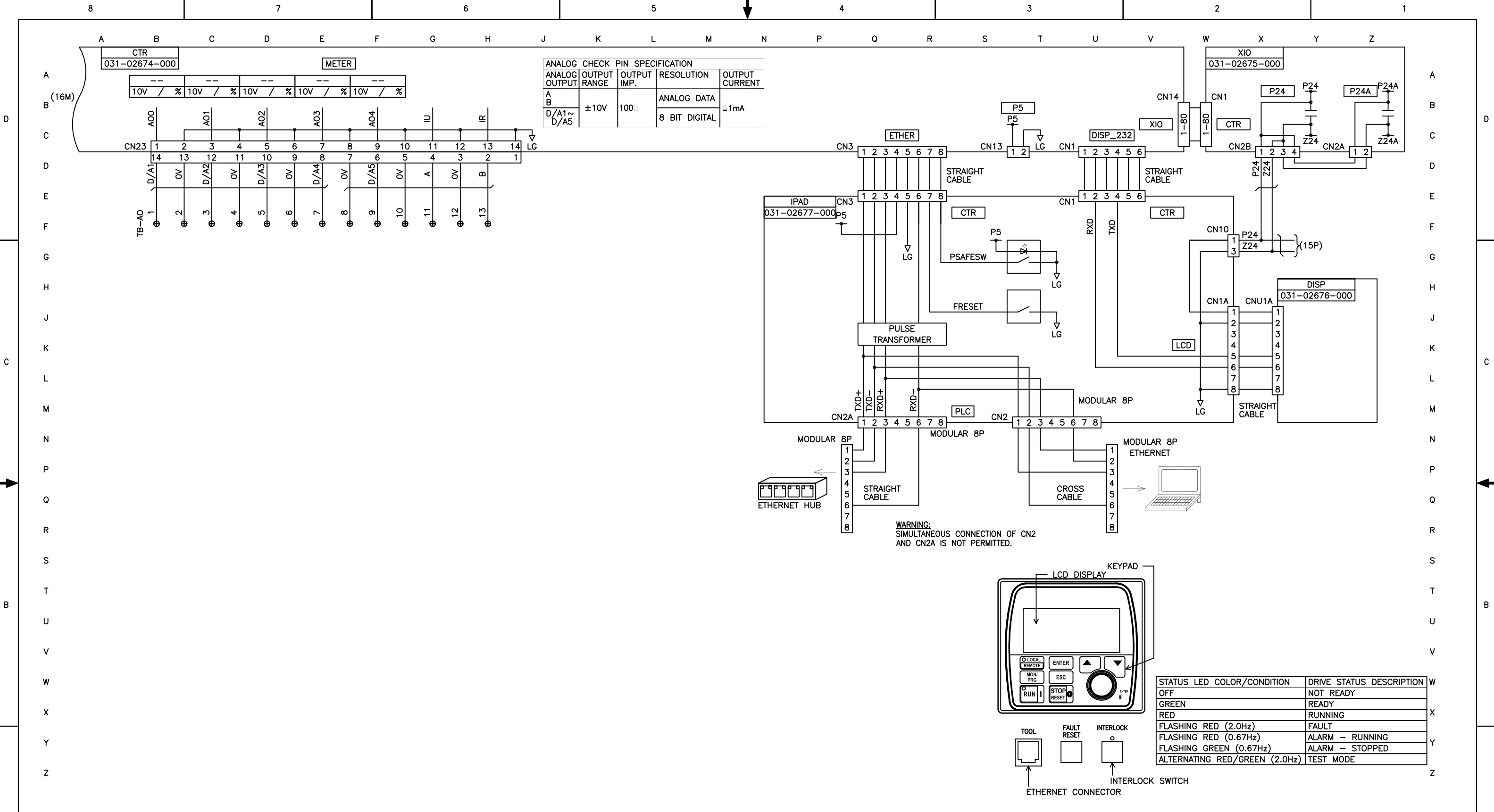
MATERIAL
 TYPE _____ ENG. STD. _____
 PART NO. _____
 CUT SIZE _____

DR. _____	DATE _____	SIZE D	CAGE NO _____	DRAWING NUMBER 1808K316
APPR. _____				
SCALE: _____				

WT. = _____ LBS. ORIG. NO. _____ SHEET 9 of 15

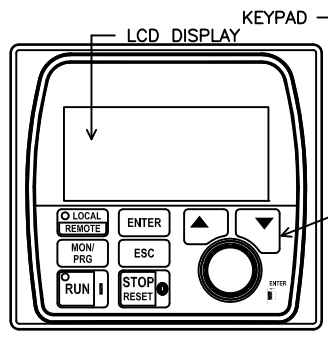
REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
6						13						20					
5						12						19					
4						11						18					
3						10						17					
2						9						16					
1	02/05/08	REMOVED 2TB JUMPER & RES		OB	AL	8						15					
0	06/22/06	FIRST ISSUE		OB	AL	7						14					

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ANALOG CHECK PIN SPECIFICATION				
ANALOG OUTPUT	OUTPUT RANGE	OUTPUT IMP.	RESOLUTION	OUTPUT CURRENT
A	±10V	100Ω	ANALOG DATA	≅1mA
B			8 BIT DIGITAL	

STATUS LED COLOR/CONDITION	DRIVE STATUS DESCRIPTION
OFF	NOT READY
GREEN	READY
RED	RUNNING
FLASHING RED (2.0Hz)	FAULT
FLASHING RED (0.67Hz)	ALARM - RUNNING
FLASHING GREEN (0.67Hz)	ALARM - STOPPED
ALTERNATING RED/GREEN (2.0Hz)	TEST MODE



WARNING:
SIMULTANEOUS CONNECTION OF CN2 AND CN2A IS NOT PERMITTED.

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YORK, PA . 17405

PCB (2)
INTERCONNECTION

DIMENSIONS ARE IN INCHES
DO NOT SCALE
TOLERANCES PER ENG. STD. M-282
WELDING PER ENG. STD. M-30
REF. DWG.

MATERIAL
TYPE _____ ENG. STD. _____
PART NO. _____
CUT SIZE _____

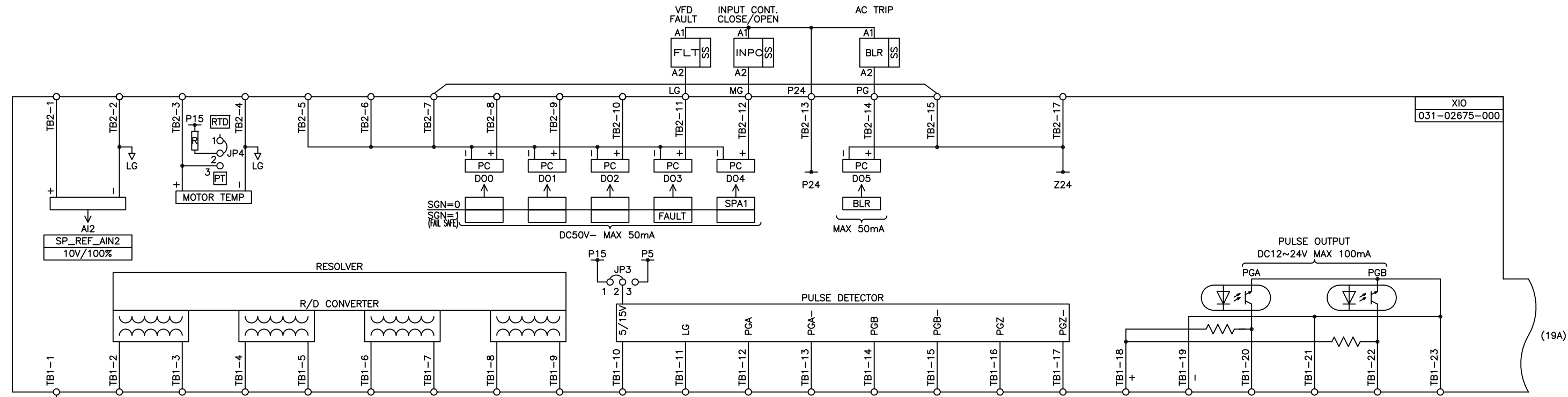
DR. _____	NAME _____	DATE _____	SIZE _____	CAGE NO _____	DRAWING NUMBER 1808K317
APPR. _____	WT. = _____		LBS. _____	ORIG. NO. _____	SHEET 10 of 15
SCALE: _____					

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REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
6						13						20					
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4						11						18					
3						10						17					
2						9						16					
1						8						15					
0	08/22/06	FIRST ISSUE				7						14					

XIO JUMPER SETTINGS			
JUMPER	EXPLANATION	SILKSCREEN	SETTING
JP3	Pulse Generator (PG) power supply level selection. "P15" = +15VDC power supply "P5" = +5VDC power supply	[P15]	1-2
		[P5]	2-3
		[PT]	2-3
JP4	Motor temperature sensor type selection. External transducer required when using 100 ohm sensor. "PT" = 1k ohm platinum motor temperature sensor "RTD" = 100 ohm platinum motor temperature sensor	[PT]	2-3
		[RTD]	1-2

FLT		INPC		BLR	
a	20Y	b	--	a	20D
b	--	b	--	b	20C
c	--	b	--	b	20C
d	--	b	--	b	--

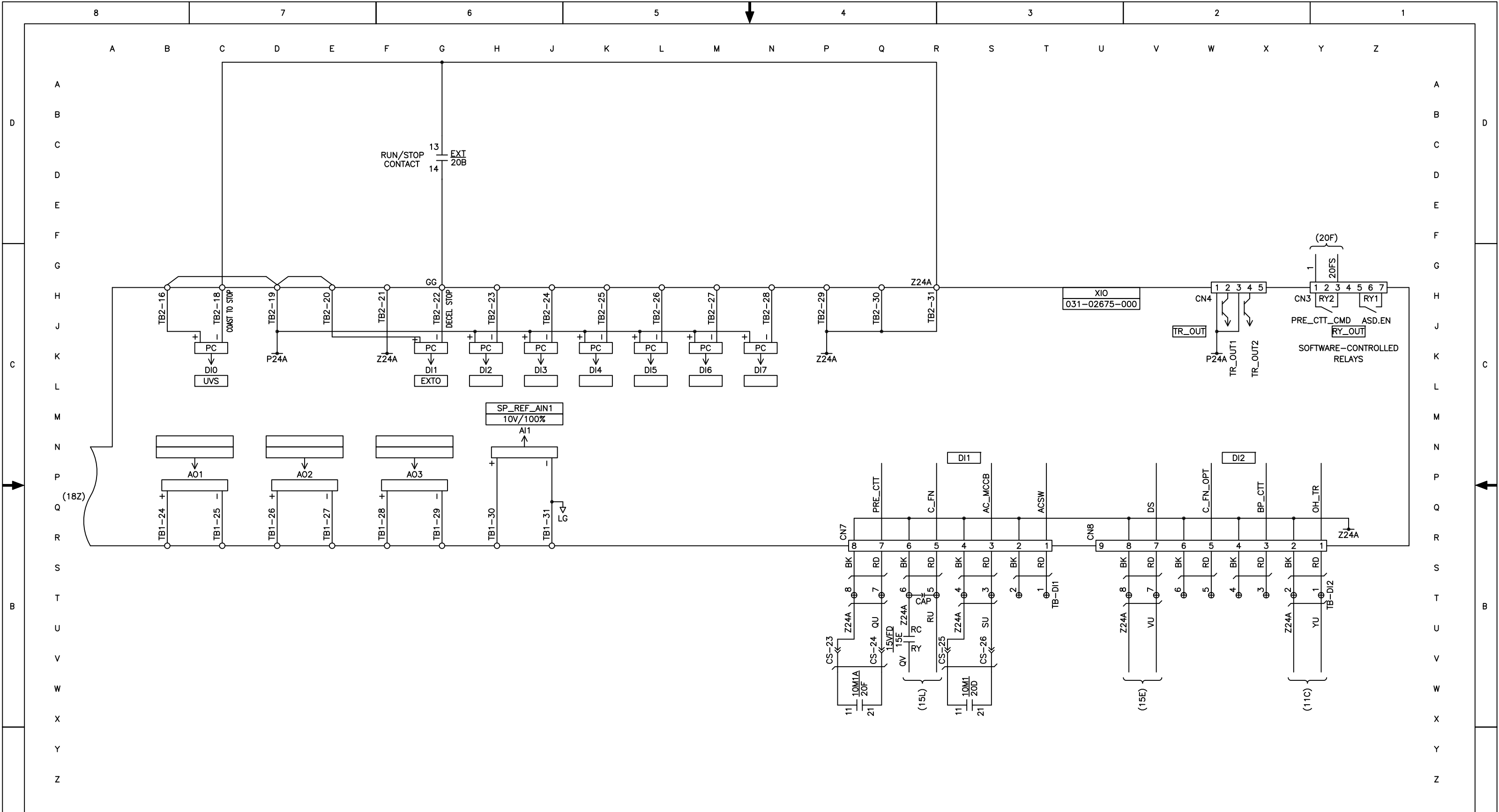


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YORK, PA . 17405

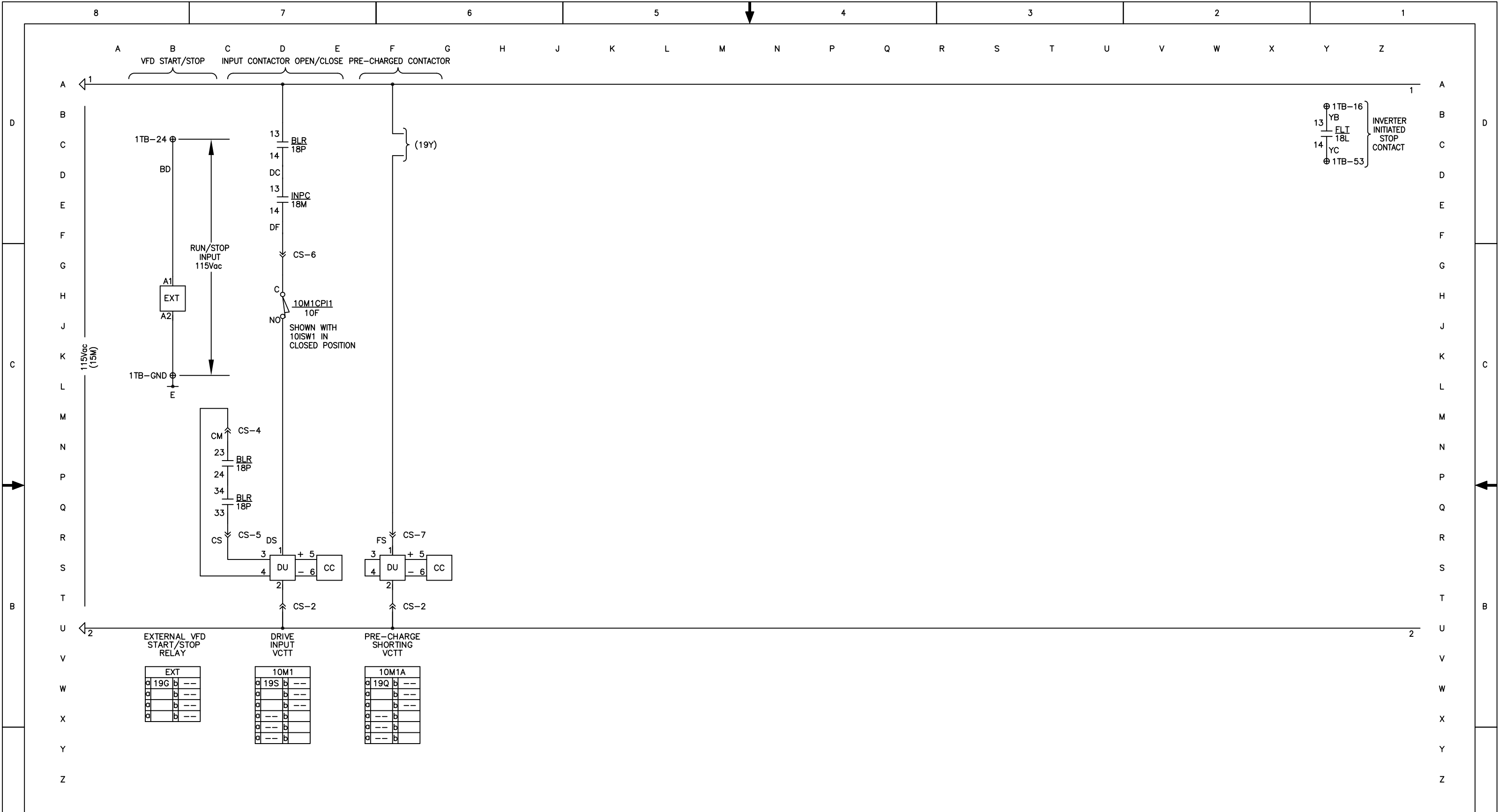
REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
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1						8						15					
0	08/22/06	FIRST ISSUE		OB	AL	7						14					

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DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.		EXTERNAL I/O (1)		MATERIAL TYPE _____ ENG. STD. _____ PART NO. _____ CUT SIZE _____	
DR. _____	DATE _____	SIZE D	CAGE NO. _____	DRAWING NUMBER 1808K318	
APPR. _____	SCALE: _____	WT. = _____	LBS. _____	ORIG. NO. _____	SHEET 11 of 15



YORK INTERNATIONAL CORPORATION YORK, PA .17405											
DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.				EXTERNAL I/O (2)				MATERIAL TYPE _____ ENG. STD. _____ PART NO. _____ CUT SIZE _____			
DR. _____		DATE _____		SIZE D		CAGE NO _____		DRAWING NUMBER 1808K319			
APPR. _____		SCALE _____		WT. = _____ LBS.		ORIG. NO. _____		SHEET 12 of 15			
REVISION RECORD 6 5 4 3 2 1 0			REVISION RECORD 13 12 11 10 9 8 7			REVISION RECORD 20 19 18 17 16 15 14			*ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HEREOF ARE RESERVED, AND NO PERMISSION IS GRANTED TO REPRODUCE THIS PRINT IN WHOLE OR IN PART, OR DISCLOSE ANY OF THE INFORMATION UPON IT TO OTHERS WITHOUT WRITTEN RELEASE BY YORK INTERNATIONAL CORPORATION.		
08/22/06 FIRST ISSUE			OB AL								



EXTERNAL VFD START/STOP RELAY		DRIVE INPUT VCTT		PRE-CHARGE SHORTING VCTT	
EXT		10M1		10M1A	
a 19G	b ---	a 19S	b ---	a 19Q	b ---
a	b ---	a	b ---	a	b ---
a	b ---	a	b ---	a	b ---
a	b ---	a	b ---	a	b ---

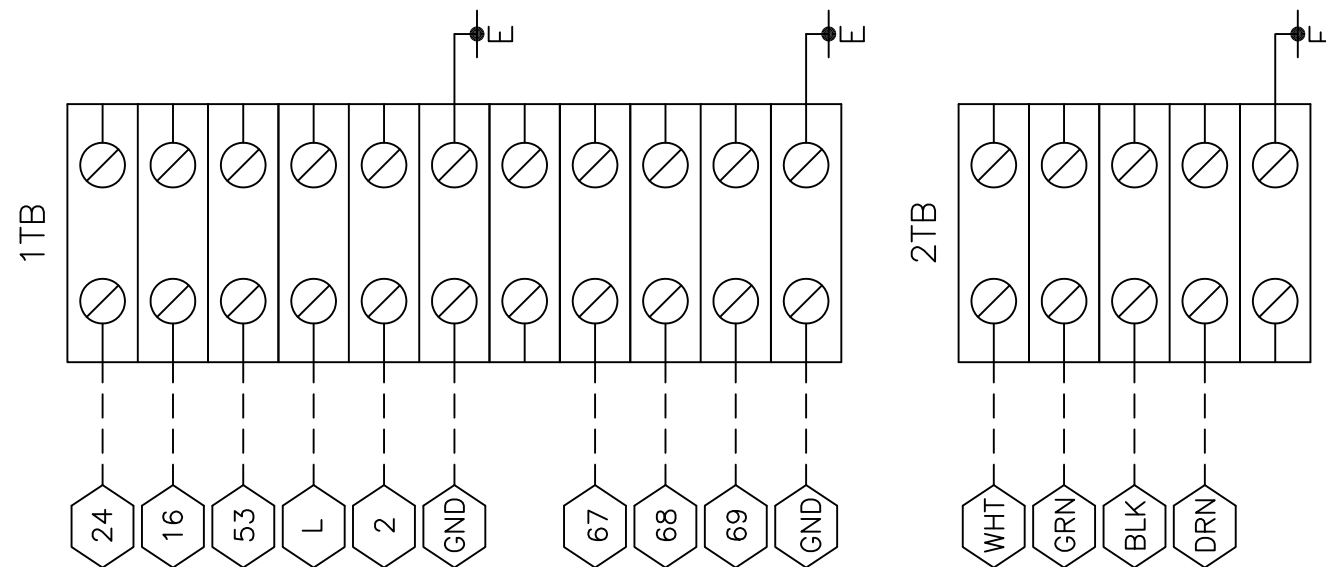
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YORK, PA . 17405

DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.		CONTROL CIRCUIT		MATERIAL TYPE _____ ENG. STD. _____	
DR. _____ APPR. _____ SCALE: _____		SIZE D	CAGE NO	DRAWING NUMBER 1808K320	
WT. = _____ LBS.		ORIG. NO.		SHEET 13 of 15	

REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
6						13						20					
5						12						19					
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1						8						15					
0	08/22/06	FIRST ISSUE		OB	AL	7						14					

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CHILLER SYSTEM INTERFACE

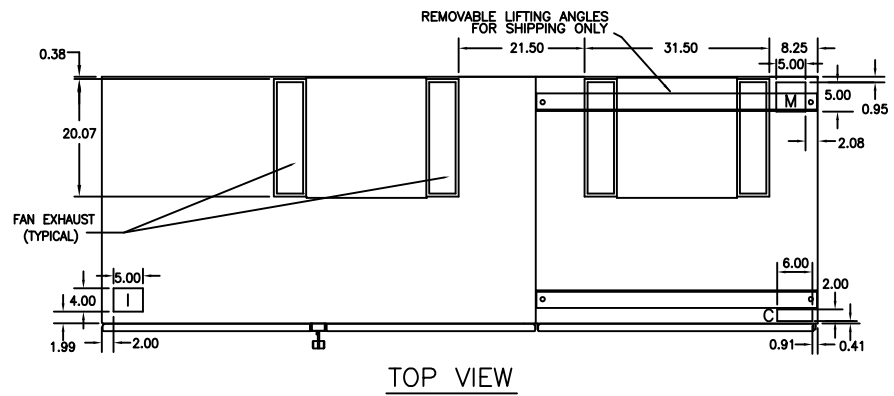


CUSTOMER TERMINAL BLOCK

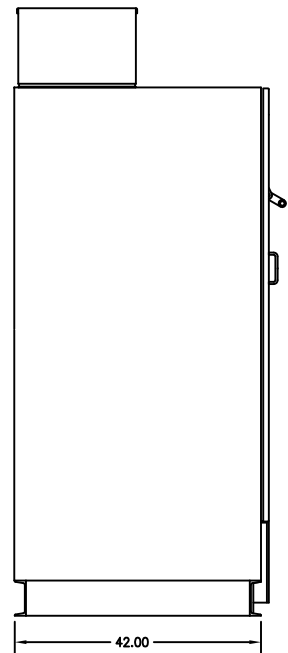
REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
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5						12						19					
4						11						18					
3						10						17					
2						9						16					
1	02/15/08	REMOVED 2TB JUMPER		OB	AL	8						15					
0	08/22/06	FIRST ISSUE		OB	AL	7						14					

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YORK INTERNATIONAL CORPORATION YORK, PA . 17405			
DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.	CHILLER SYSTEM TERMINAL CONNECTIONS	MATERIAL TYPE _____ ENG. STD. _____ PART NO. _____ CUT SIZE _____	
DR. _____ APPR. _____ SCALE: _____	NAME _____ DATE _____ SIZE D	CAGE NO. _____ ORIG. NO. _____	DRAWING NUMBER 1808K328 SHEET 14 of 15
WT. = _____ LBS.		SHEET 14 of 15	



TOP VIEW



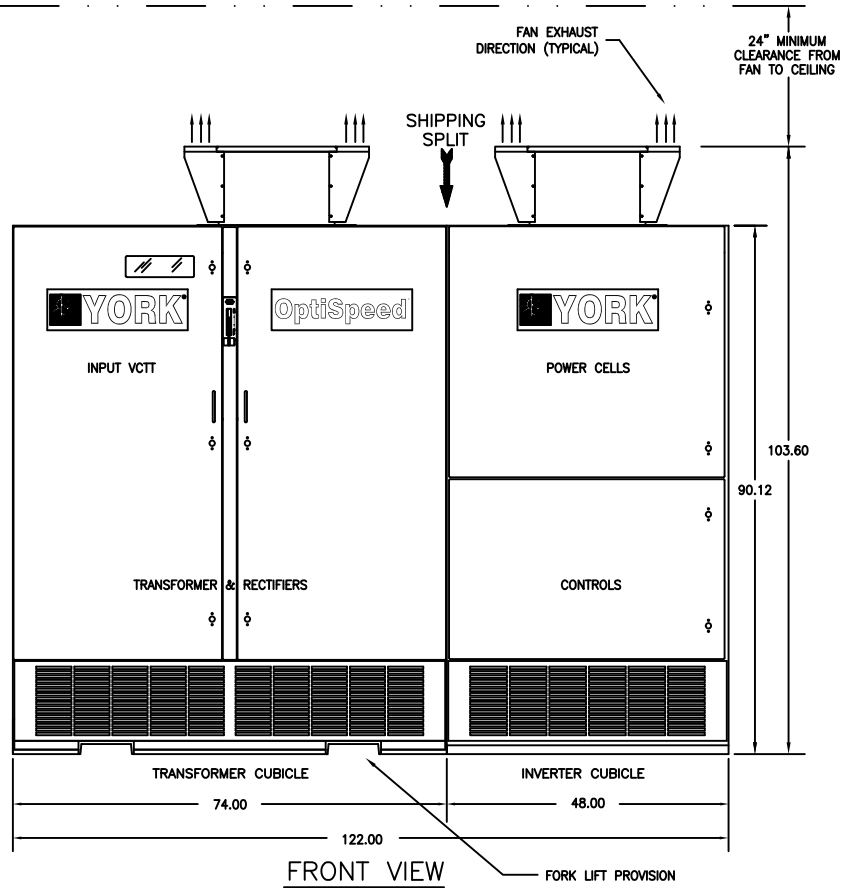
LH VIEW

CABLE TERMINATIONS			
ENTRY	INCOMING CABLES	MOTOR LEADS	CONTROL WIRE
TOP	I	M	C
BOTTOM	I	M	C

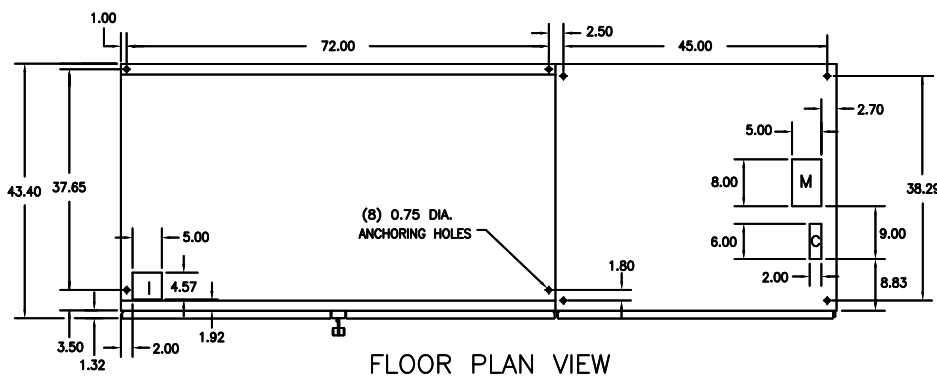
INCOMING TERMINATIONS USE NEMA 4-HOLE PATTERN
MOTOR TERMINATIONS USE NEMA 4-HOLE PATTERN

- NOTES**
- ENCLOSURE TYPE: NEMA 1 W/GASKETED DOORS
 - ALL WEIGHTS ARE APPROXIMATE
 - ALL DIMS ARE IN INCHES
 - POWER CELLS NEED TO BE REMOVED FOR ACCESS

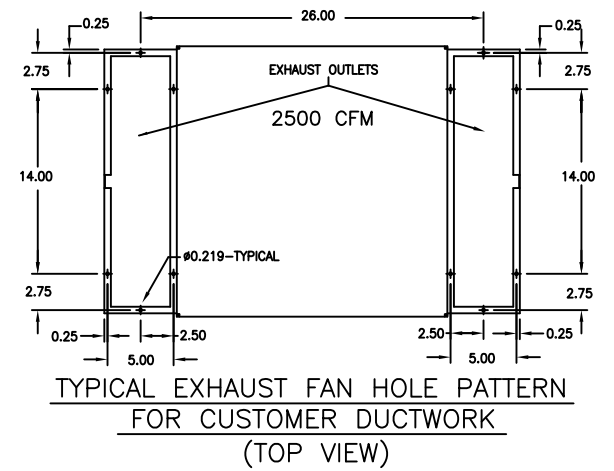
	800HP	900HP	1000HP	1250HP	1500HP
TRANSFORMER CUBICLE	5,500 lbs	6,450 lbs	7,200 lbs	8,000 lbs	8,500 lbs
INVERTER CUBICLE	2,500 lbs	2,500 lbs	2,500 lbs	2,500 lbs	2,500 lbs



FRONT VIEW



FLOOR PLAN VIEW



TYPICAL EXHAUST FAN HOLE PATTERN FOR CUSTOMER DUCTWORK (TOP VIEW)

YORK INTERNATIONAL CORPORATION
YORK, PA . 17405

DIMENSIONS ARE IN INCHES DO NOT SCALE TOLERANCES PER ENG. STD. M-282 WELDING PER ENG. STD. M-30 REF. DWG.		OUTLINE ENCLOSURE		MATERIAL TYPE _____ ENG. STD. _____ PART NO. _____ CUT SIZE _____	
DR. _____	DATE _____	SIZE D	CAGE NO _____	DRAWING NUMBER 1808K330	
APPR. _____	SCALE _____	WT. = _____ LBS.	ORIG. NO. _____	SHEET 15 of 15	

REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
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