

PARTS LIST FOR  
***1003/2004/3004/3005 SERIES***  
***STATIONARY/STAINLESS***  
***ELECTRIC DRIVEN/BELT DRIVE***  
COLD WATER PRESSURE WASHER  
(AFTER SERIAL #11356791)

Motor Horsepower:

1003: 2.0 H.P.  
2004: 6.0 H.P.  
3004: 8.0 H.P.  
3005: 10.0 H.P.

Pump Oil Grade: Pump Oil #AW-4085-0016

Pump Oil Capacity: 41 oz.

Nozzle Size:

1003: 5.0  
2004: 5.5  
3004: 4.5  
3005: 5.5

This Parts Listing has been compiled for your benefit. You can be assured your new Cold Water Pressure Washer was constructed and designed with quality and performance in mind using over 25 years experience in the pressure washer business. Each component has been rigorously tested to insure the highest level of acceptance.

The contents of this Parts Listing are based on the latest product information available at the time of publication. The manufacturer reserves the right to make changes in price, color, materials, equipment, specifications or models at any time without notice.

## **WARNING**

THIS IS A PROFESSIONAL HIGH PRESSURE, COLD WATER PRESSURE WASHER. CAUTION SHOULD BE OBSERVED WHEN USING OR REPAIRING THIS UNIT! READ AND FOLLOW THE SAFETY WARNINGS LISTED BELOW BEFORE ATTEMPTING ANY REPAIRS ON THIS PRESSURE WASHER!

## **SAFETY WARNINGS**

1. NEVER alter or modify the equipment. Be sure any accessory items and system components being used will withstand the pressure developed. Use only genuine manufactured parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.
2. NEVER make adjustments on machinery while the unit is connected to the engine without first removing the ignition cable from the spark plug. Turning over the machinery by hand during adjustment or cleaning might start the engine and machinery with it, causing serious injury to the operator.
3. Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.
4. Before servicing the unit, turn unit off, relieve the water pressure and allow the unit to cool down. Do not make repairs while the unit is running. Service in a clean, dry, flat area. Block the wheels to prevent the unit from moving. Be especially careful to properly dispose of any flammable materials.
5. After testing the machine, DO NOT leave the pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.

## **TABLE OF CONTENTS**

SPECIFICATIONS.....	4
NOTES.....	5
FRAME ASSEMBLY FOR 1003 (AFTER SERIAL #11357607) .....	6
FRAME ASSEMBLY FOR 2004, 3004, AND 3005 (AFTER SERIAL #11351284 and 11356791).....	8
ELECTRIC BOX ASSEMBLY, 1 PHASE 230V (AFTER SERIAL #11351284).....	10
ELECTRIC BOX ASSEMBLY, 1 PHASE 120V (AFTER SERIAL #11356791).....	12
ELECTRIC BOX ASSEMBLY, 3 PHASE (AFTER SERIAL #11356791).....	14
PUMP ASSEMBLY (3-0202) .....	16
PUMP ASSEMBLY (3-0203) .....	18
DUAL LANCE ASSEMBLY (16-0416 AND 16-0417).....	20
DETERGENT INJECTOR (AW-8400-0021).....	22
METAL REMOTE BOX WITH PUSH PINS .....	23
CX-0122 THRU CX-0126 .....	24
WIRING SCHEMATIC - 1003 115V (CX-0096) (AFTER SERIAL #11357607) .....	26
WIRING DIAGRAM - 1003 115V (CX-0096) (AFTER SERIAL #11357607) .....	27
WIRING SCHEMATIC - 2004_3004, 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284) .....	28
WIRING DIAGRAM - 2004_3004, 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284) .....	29
WIRING SCHEMATIC - 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870) .....	30
WIRING DIAGRAM - 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870) .....	31
WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607) .....	32
WIRING DIAGRAM - CX-0069 AUTO START/STOP, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607).....	33
WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 2004_3004 1PH (CX-0096 AND CX-0119) (AFTER SERIAL #11351284) .....	34
WIRING DIAGRAM - CX-0069 AUTO START/STOP, 2004_3004 1PH (CX-0096 AND CX-0119) (AFTER SERIAL #11351284) .....	35
WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870) .....	36
WIRING DIAGRAM - CX-0069 AUTO START/STOP, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870).....	37
WIRING SCHEMATIC - CX-0078/CX-0114 REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607).....	38



## SPECIFICATIONS

MODEL NUMBER	1003	2004	3004	3005
Operating Pressure (PSI/Bar):	1000/68.9	2000/137.9	3000/207	
High Pressure Nozzle:	5.0	5.5	4.5	5.5
Water Volume (GPM/lpm):	2.5/11.3	3.9/17.7	3.9/17.7	4.8/21.8
Motor:	Open drip proof, manual reset thermal overload protection, ground fault circuit interrupter (GFCI)	Open drip proof, ground fault circuit interrupter (GFCI)	Open drip proof, ground fault circuit interrupter (GFCI)	Open drip proof
Horsepower	2.0	6.0	8.0	10.0
Voltage	120	208/230	208/230/460	230
RPM			1725	
Phase	Single	Three	Single	Three
Amps	18.8	28.2/25.5	18.4/17.3/8.64	37
Pump:	Belt Driven, Oil Bath, Triplex Piston			
Oil Type	Pump Oil #AW-4085-0016			
Oil Capacity (oz/liters)	41/1.2			
Plungers	Ceramic			
Manifold	Forged Brass			
Valves	Stainless Steel			
Unloader	Pre-Set at the factory			
Thermal Relief Valve	Relieves heated water during unloader bypass stage			
Detergent Injector	Adjustable low pressure down stream from pump			
Unit Net Dimension (in/cm)	29.5Lx20.5Wx15H/75Lx52Wx38H			
Unit Shipping Dimension (in/cm)	40Lx26Wx24H/102Lx66Wx61H			49Lx31Wx34H/125Lx79Wx86H

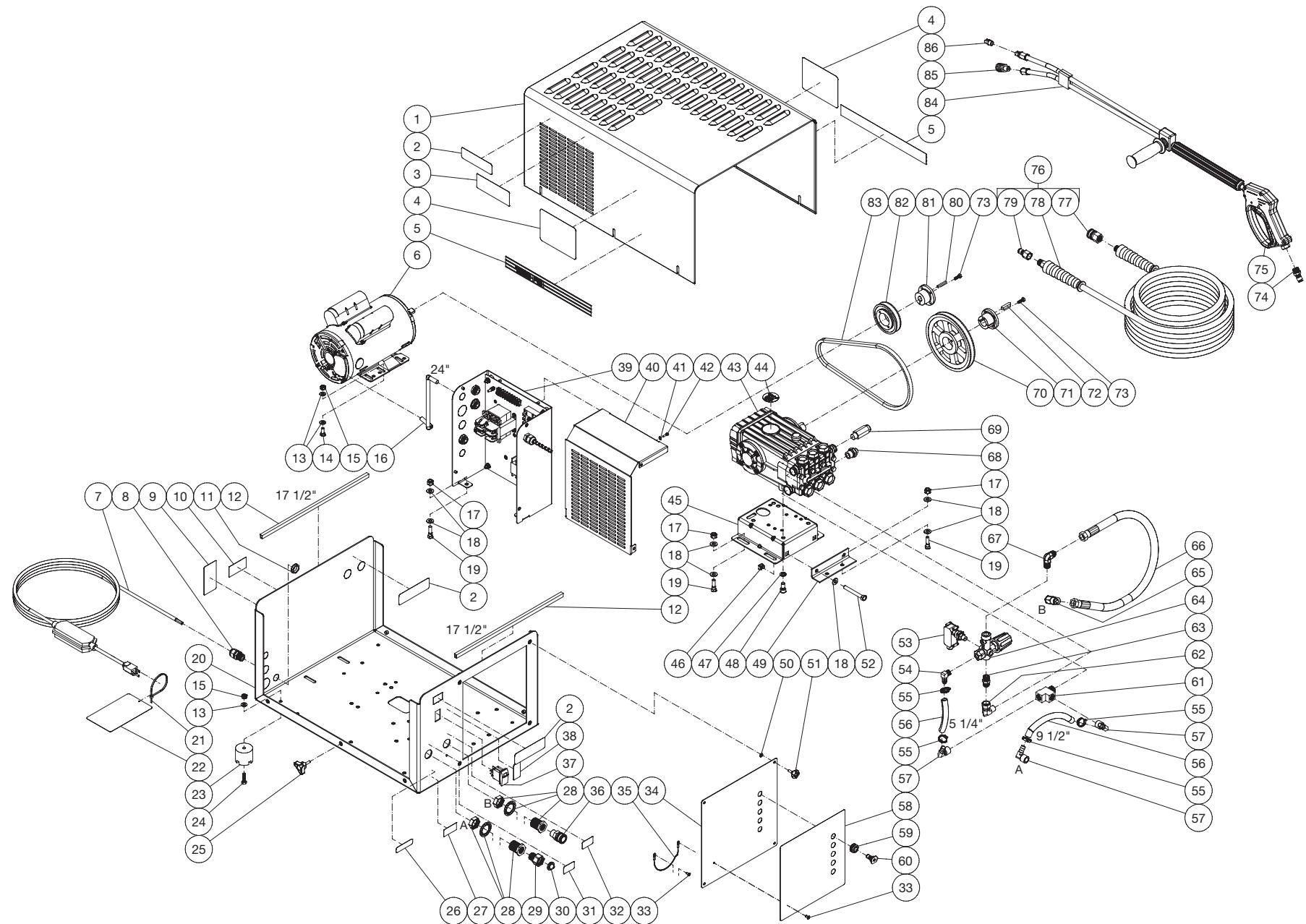
---

## NOTES

---

DATE	SERIAL NUMBER BREAK	REASON FOR CHANGE
3/21/2022	#11351284	WEG MOTOR CHANGE - REPLACED 2-0141 WITH 2-0207 REPLACED 32-0799 ELECTRIC BOX WITH 20-1601A18 (2004 1PH MODELS)
4/21/2022	#11357607	WEG MOTOR CHANGE - REPLACED 2-0119 WITH 2-0235 REPLACED 32-0799 ELECTRIC BOX WITH 20-1601A18 (1003 MODELS)
5/1/2022	#11362192	WEG MOTOR CHANGE - REPLACED 2-0091 WITH 2-0208
5/1/2022	#11361870	WEG MOTOR CHANGE - REPLACED 2-0110 WITH 2-0210
5/25/2022	#11356791	REPLACED 32-0799 ELECTRIC BOX WITH 20-1601A18 (3 PH MODELS)

## FRAME ASSEMBLY FOR 1003 (AFTER SERIAL #11357607)

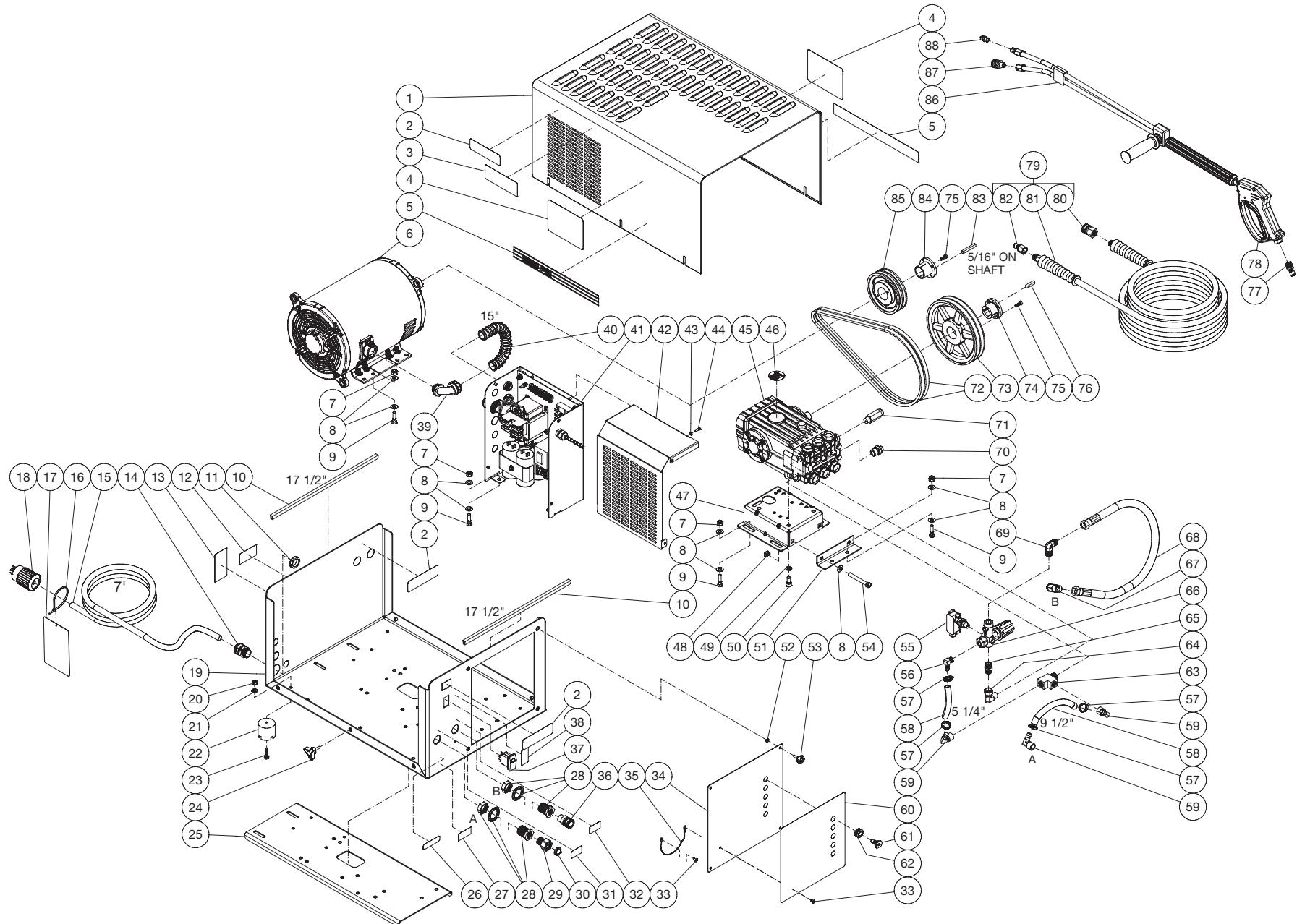


DC-1003-WSE1/G 102/122 SMS

FRAME ASSEMBLY				
ITEM	TITLE	PART #	QTY	
1	HOOD	21-0337	1	
2	DECAL - RISK OF INJURY (E/S) (SEE 71-1020)	N/A	3	
3	DECAL-CAUT: HOT SUR/HOT DIS E/S (SEE 71-1020)	N/A	1	
4	DECAL - LOGO	N/A	2	
5	DECAL - 14" STRIPE	N/A	2	
-	1000 PSI DECAL	34-2893	2	
6	MOTOR	2-0235	1	
7	ELECTRIC CORD	32-0215	1	
8	STRAIN RELIEF	32-0437	1	
9	DECAL - SILVER STICKER	N/A	1	
10	DECAL	-	1	
11	ELECTRICAL LOCKNUT	32-0108	1	
12	EDGING *(THREE FEET REQUIRED)	33-0020	1	
13	WASHER	28-0122	12	
14	BOLT	27-5066	4	
15	LOCKNUT	30-5158	8	
16	12/3 CORD *(TWO FEET REQUIRED)	32-0440	1	
17	NUT	30-5159	9	
18	WASHER	28-0123	20	
19	BOLT	27-9563	9	
20	FRAME	21-0193	1	
21	CABLE TIE	33-0022	1	
22	TAG - WARNING RISK OF ELECTROCUTION	N/A	1	
23	ISOLATOR	14-0008	4	
24	BOLT	27-5024	4	
25	KNOB	7-0168	6	
26	DECAL - WARNING POTABLE WATER (E/S) (SEE 71-1020)	N/A	1	
27	DECAL - MADE IN USA	34-3553	1	
28	ADAPTER	23-0365	2	
29	SWIVEL	23-0095	1	
30	FILTER	19-0001	1	
31	DECAL-INLET (SEE 71-1020)	N/A	1	
32	DECAL - OUTLET (SEE 71-1020)	N/A	1	
33	RIVET	53-0009	2	
34	SERVICE PANEL	21-0194	1	
35	LANYARD	33-0424	1	
36	QUICK CONNECT SOCKET	17-0029	1	
37	SWITCH	32-0801	1	
38	DECAL - ON/OFF (SEE 71-1020)	N/A	1	
39	ELECTRIC BOX ASSEMBLY	N/A	1	
40	ELECTRIC BOX CAP	20-1637A18	1	
41	WASHER	28-0010	6	
42	SCREW	27-8835	6	
43	PUMP	3-0203	1	
44	DECAL - PUMP (SEE 71-1020)	N/A	1	
45	PUMP HAT	5-0153A18	1	

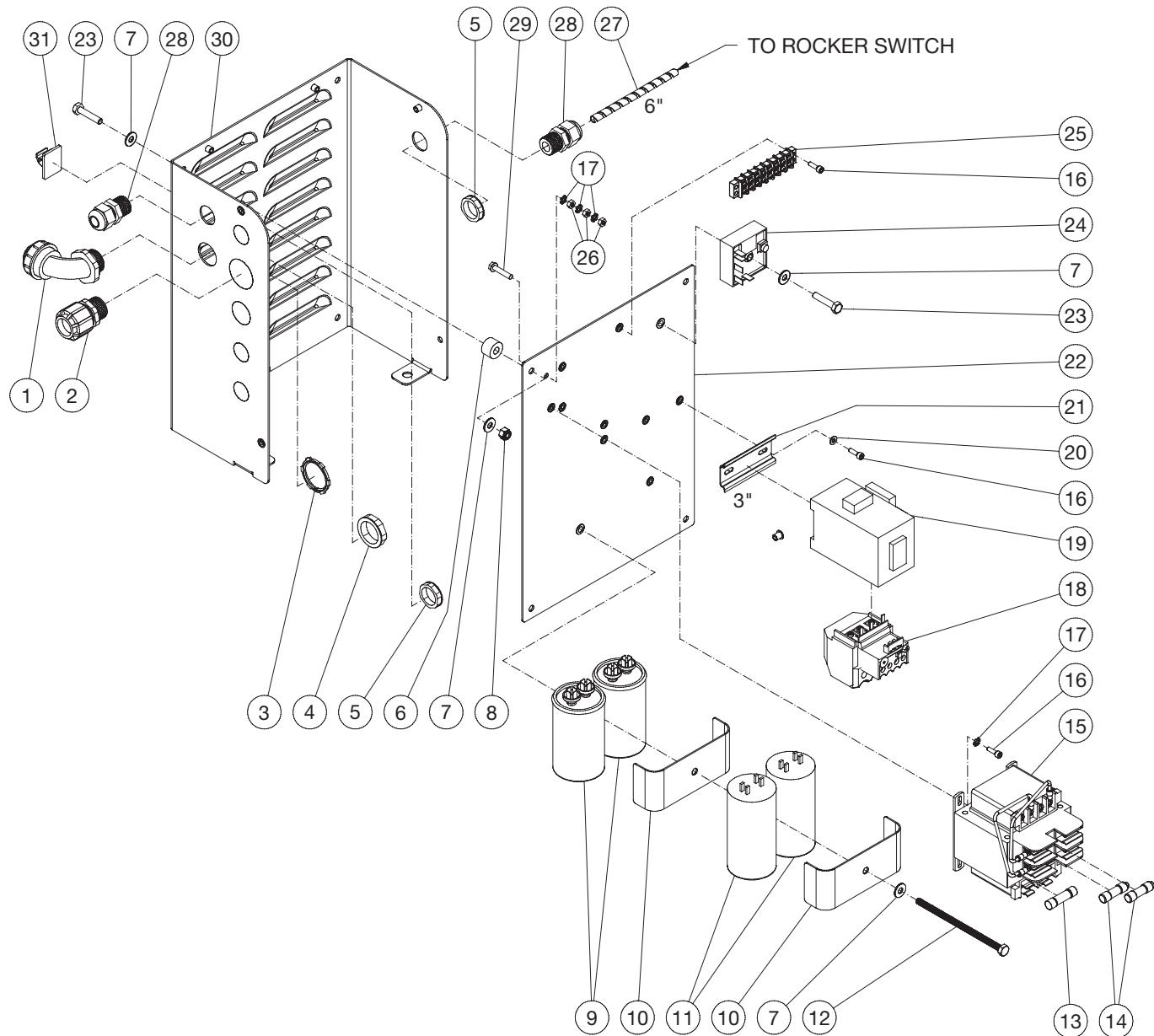
\*MUST ORDER IN ONE FOOT LENGTHS

**FRAME ASSEMBLY FOR 2004, 3004, AND 3005 (AFTER SERIAL #11351284 and 11356791)**



FRAME ASSEMBLY										
ITEM	TITLE		PART #	QTY	ITEM	TITLE	PART #	QTY		
1	HOOD		21-0337	1	47	PUMP HAT	5-0153A18	1		
2	DECAL - RISK OF INJURY (E/S) (SEE 71-1021 OR 71-1022)		N/A	3	48	CLIP NUT	30-6025	2		
3	DECAL-CAUT: HOT SUR/HOT DIS E/S (SEE 71-1021 OR 71-1022)		N/A	1	49	LOCKWASHER	29-0055	4		
4	DECAL - LOGO (SEE DX OPTION)		N/A	2	50	BOLT	27-8471	4		
5	DECAL - 14" STRIPE (SEE DX OPTION)		N/A	2	51	TENSION BRACKET	20-0584A18	1		
-	2000 PSI DECAL		34-2896	2	52	WASHER	28-1045	4		
-	3000 PSI DECAL		34-2899	2	53	KNOB	62-0057	4		
6	MOTOR (2004-WSE2G)		2-0207	1	54	BOLT	27-0576	2		
-	MOTOR (CX-0119)		2-0215	1	55	PRESSURE SWITCH	22-0171	1		
-	MOTOR (2004-WSE3G, CX-0076)		2-0208	1	56	ELBOW	23-0119	1		
-	MOTOR (CX-0120)		2-0216	1	57	HOSE CLAMP	42-0011	4		
-	MOTOR (3004-WSE2G)		2-0217	1	58	HOSE *(TWO FEET REQUIRED)	15-0007	1		
-	MOTOR (3004-WSE3G, CX-0077)		2-0210	1	59	HOSE BARB	23-0418	3		
-	MOTOR (3005-WSE3G)		2-0212	1	60	DECAL - CONTROL PANEL (E/S) (SEE 71-1021 OR 71-1022)	N/A	1		
7	NUT		30-5159	13	61	NOZZLE (3004)	18-0402	1		
8	WASHER		28-0123	28	-	NOZZLE (3004)	18-0403	1		
9	BOLT		27-9563	13	-	NOZZLE (3004)	18-0404	1		
10	EDGING *(THREE FEET REQUIRED)		33-0020	1	-	NOZZLE (3004)	18-0405	1		
11	ELECTRICAL LOCKNUT (ALL OTHER MODELS)		32-0292	1	-	NOZZLE (2004, 3005)	18-0410	1		
-	ELECTRICAL LOCKNUT (3004-WSE2G)		32-0515	1	-	NOZZLE (2004, 3005)	18-0411	1		
12	DECAL		-	1	-	NOZZLE (2004, 3005)	18-0412	1		
13	DECAL - SILVER STICKER		N/A	1	-	NOZZLE (2004, 3005)	18-0413	1		
14	CORD RELIEF (ALL OTHER MODELS)		9-0046	1	62	GROMMET	33-0001	5		
-	CORD RELIEF (3004-WSE2G)		9-0048	1	63	TEE	23-0124	1		
15	CORD (2004-WSE2G, CX-0119) *(SEVEN FEET REQUIRED)		32-1265	1	64	ELBOW	24-0046	1		
-	GFCI (3004-WSE2G)		32-1223	1	65	NIPPLE	24-0002	1		
16	CABLE TIE		33-0022	1	66	UNLOADER	8-0361	1		
17	TAG - WARNING RISK OF ELECTROCUTION		N/A	1	67	90° ELBOW FITTING	24-0074	1		
18	PLUG (2004-WSE3G, CX-0120)		32-0118	1	68	HOSE	15-0221	1		
-	PLUG (CX-0076, CX-0077, CX-0121)		32-0117	1	69	ELBOW	24-0092	1		
-	PLUG (3004-WSE3G, 3005-WSE3G)		32-0037	1	70	RELIEF VALVE	22-0371	1		
19	FRAME		21-0193	1	71	SAFETY VALVE	22-0376	1		
20	LOCKNUT		30-5158	4	72	BELT (3004)	11-0005	2		
21	WASHER		28-0122	4	-	BELT (2004)	11-0006	2		
22	ISOLATOR		14-0008	4	-	BELT (3005)	11-0017	2		
23	BOLT		27-5024	4	73	SHEAVE (3004, 3005)	10-0007	1		
24	KNOB		7-0168	6	-	SHEAVE (2004)	10-0104	1		
25	PLATE (3004/3005)		21-0240	1	74	BUSHING	9-0017	1		
26	DECAL - WARNING POTABLE WATER (E/S) (SEE 71-1021 OR 71-1022)		N/A	1	75	BOLT	27-0015	4		
27	DECAL - MADE IN USA		34-3553	1	76	KEY	43-0048	1		
28	ADAPTER		23-0365	2	77	QUICK CONNECT	17-0005	1		
29	SWIVEL		23-0095	1	78	GUN	16-0446	1		
30	FILTER		19-0001	1	79	HIGH PRESSURE HOSE ASSEMBLY	851-0262	1		
31	DECAL-INLET (SEE 71-1021 OR 71-1022)		N/A	1	80	QUICK CONNECT SOCKET	17-0004	1		
32	DECAL - OUTLET (SEE 71-1021 OR 71-1022)		N/A	1	81	HOSE	15-0146	1		
33	RIVET		53-0009	2	82	QUICK CONNECT	17-0006	1		
34	SERVICE PANEL		21-0194	1	83	KEY (3004, 3005)	43-0174	1		
35	LANYARD		33-0424	1	-	KEY (2004)	43-0166	1		
36	QUICK CONNECT SOCKET		17-0029	1	84	BUSHING (3004, 3005)	9-0008	1		
37	SWITCH		32-0801	1	-	BUSHING (2004)	9-0010	1		
38	DECAL - ON/OFF (SEE 71-1021 OR 71-1022)		N/A	1	85	SHEAVE (3004)	10-0041	1		
39	CONDUIT ELBOW		32-0487	1	-	SHEAVE (2004)	10-0067	1		
40	CONDUIT *(TWO FEET REQUIRED)		32-0486	1	-	SHEAVE (3005)	10-0104	1		
41	ELECTRIC BOX ASSEMBLY (1PH UNITS)		N/A	1	86	DUAL LANCE (2004, 3004)	16-0416	1		
-	ELECTRIC BOX ASSY (3PH UNITS)		N/A	1	-	DUAL LANCE (3005)	16-0417	1		
42	ELECTRIC BOX CAP		20-1637A18	1	87	QC SOCKET	17-0028	1		
43	WASHER		28-0010	5	88	NOZZLE	18-0110	1		
44	SCREW		27-8835	5	-	DECAL SET (2004)	71-1021	1		
45	PUMP		3-0202	1	-	DECAL SET (3004, 3005)	71-1022	1		
46	DECAL - PUMP (SEE 71-1021 OR 71-1022)		N/A	1	*MUST ORDER IN ONE FOOT LENGTHS					

## ELECTRIC BOX ASSEMBLY, 1 PHASE 230V (AFTER SERIAL #11351284)

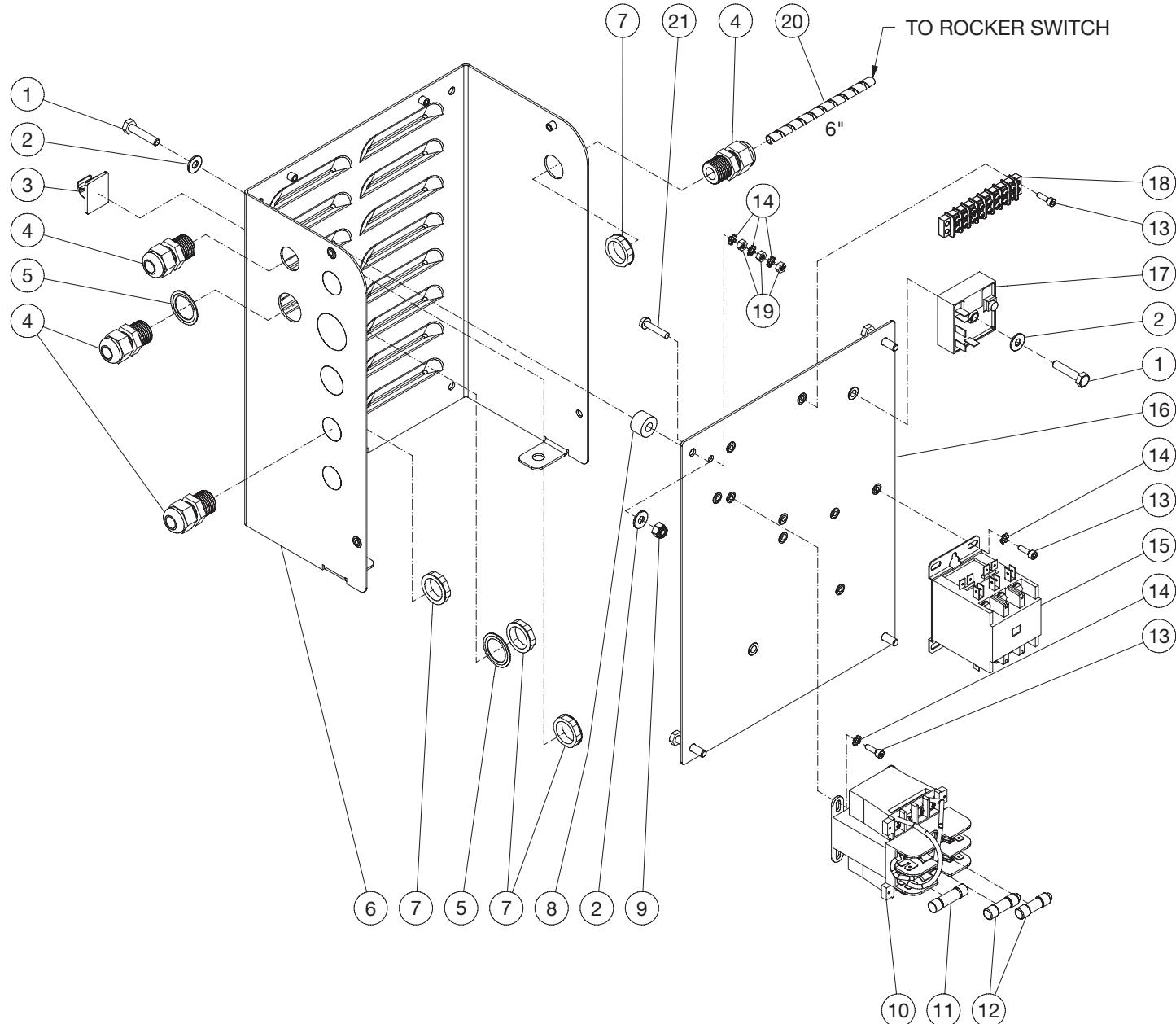


WSE 1PH 230V E-BOX ASSY 052322 SMS

ELECTRIC BOX ASSEMBLY

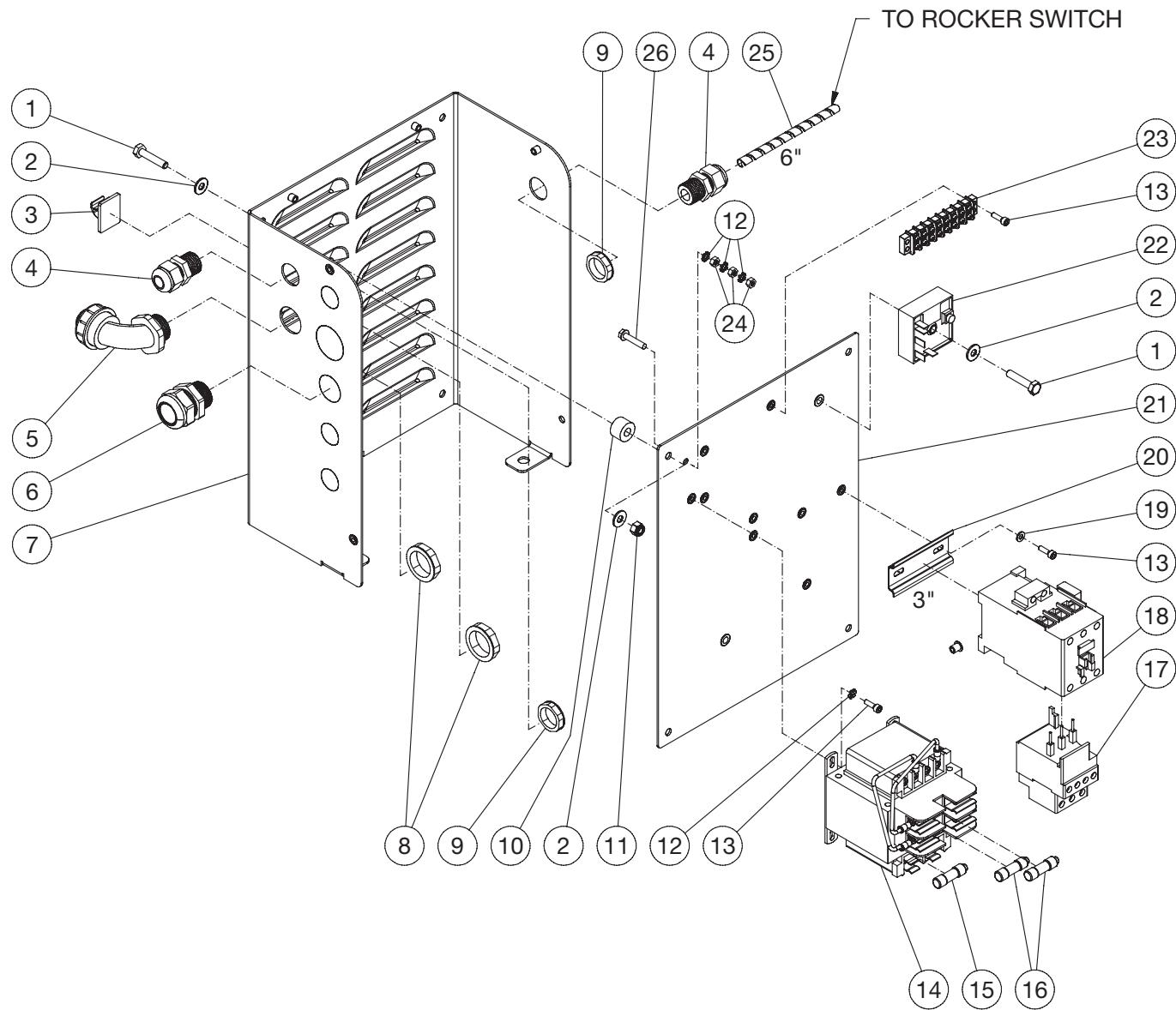
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY	
1	CONDUIT ELBOW	32-0487	1	15	TRANSFORMER (3004)	32-0618	1	
2	CORD RELIEF (3004)	9-0048	1	-	TRANSFORMER (2004)	32-0324	1	
-	CORD RELIEF (2004)	9-0046	1	16	SCREW	27-8835	6	
3	NUT (3004)	32-0515	1	17	STAR WASHER	28-1009	5	
-	NUT (2004)	32-0292	1	18	OVERLOAD RELAY (3004)	32-0485	1	
4	ELECTRICAL LOCKNUT	32-0292	1	-	OVERLOAD RELAY (2004)	32-1073	1	
5	ELECTRICAL LOCKNUT	32-0108	2	19	CONTACTOR 45 AMP	32-0328	1	
6	SPACER	33-0431	4	20	WASHER	28-0010	2	
7	WASHER	28-0002	10	21	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1	
8	LOCKNUT	30-0155	4	22	CONTROL PANEL BACKPLATE	20-1600A06	1	
9	CAPACITOR (3004)	32-1292	2	23	BOLT	27-0017	5	
-	CAPACITOR (2004)	32-1269	1	24	TIMER SWITCH	32-0800	1	
10	CAPACITOR CLAMP BRACKET (3004)	20-1650A18	2	25	TERMINAL STRIP	32-0436	1	
-	CAPACITOR CLAMP BRACKET (2004)	20-1650A18	1	26	NUT	30-6001	3	
11	CAPACITOR (3004)	32-1291	2	27	WRAP *(ONE FOOT REQUIRED)	33-0114	1	
-	CAPACITOR (2004)	32-1268	1	28	STRAIN RELIEF	32-0437	2	
12	BOLT (3004)	27-0032	1	29	BOLT	27-8807	1	
-	BOLT (2004)	27-0022	1	30	ELECTRICAL BOX	20-1601A18	1	
13	FUSE	32-1055	1	31	WIRE CLIP	33-0264	1	
14	FUSE	32-0467	2	*MUST ORDER IN ONE FOOT LENGTHS				

## ELECTRIC BOX ASSEMBLY, 1 PHASE 120V (AFTER SERIAL #11356791)



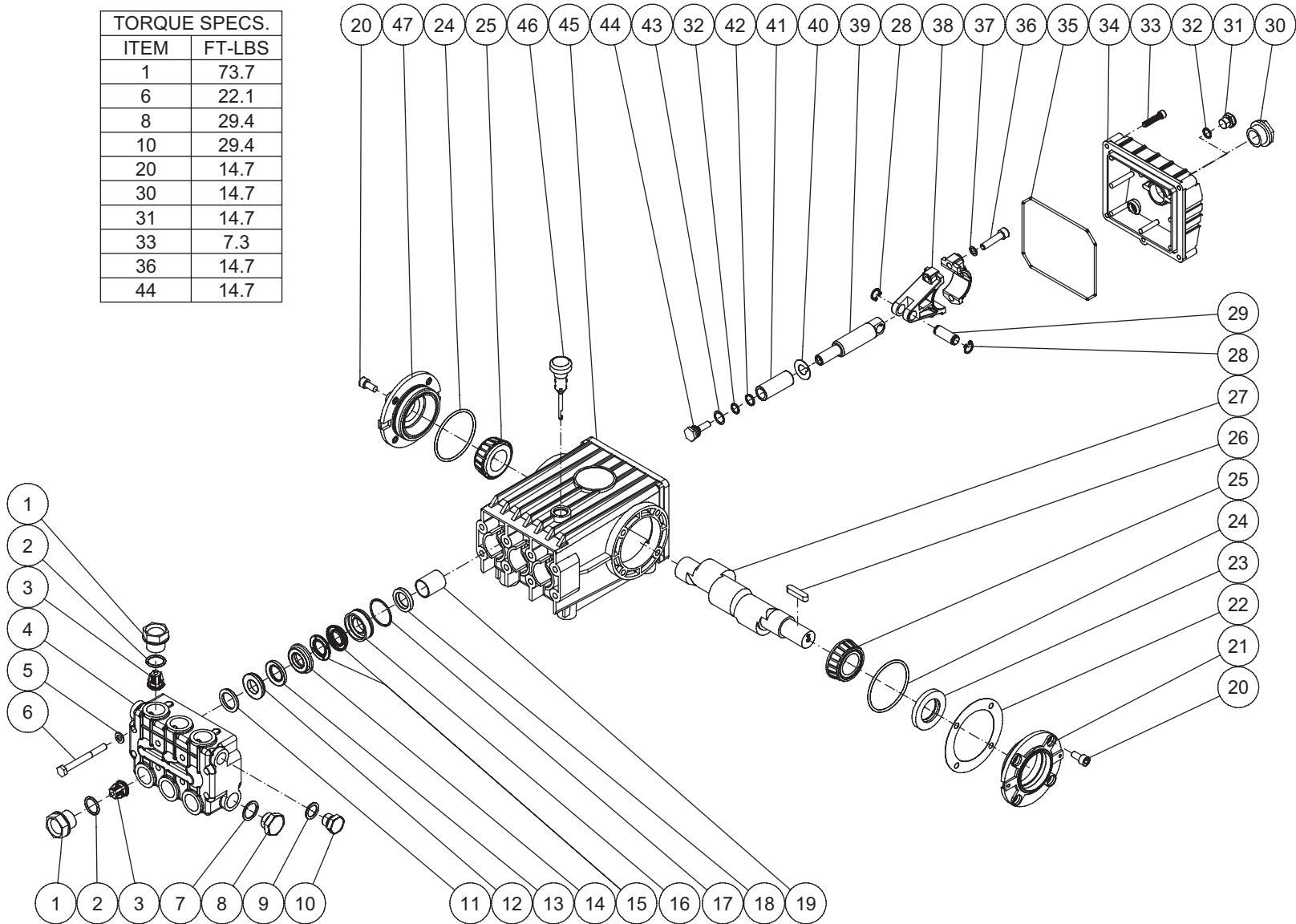
1PH 120V E-BOX ASSY 010322 SMS			
ELECTRIC BOX ASSEMBLY			
ITEM	TITLE	PART #	QTY
1	BOLT	27-0017	5
2	WASHER	28-0002	9
3	WIRE CLIP	33-0264	1
4	STRAIN RELIEF	32-0437	4
5	WASHER	32-0814	2
6	ELECTRICAL BOX	20-1601A18	1
7	ELECTRICAL LOCKNUT	32-0108	4
8	SPACER	33-0431	4
9	LOCKNUT	30-0155	4
10	TRANSFORMER	32-0324	1
11	FUSE	32-1055	1
12	FUSE	32-0467	2
13	SCREW	27-8835	6
14	STAR WASHER	28-1009	7
15	CONTACTOR	32-0810	1
16	CONTROL PANEL BACKPLATE	20-1600A06	1
17	TIMER SWITCH	32-0800	1
18	TERMINAL STRIP	32-0436	1
19	NUT	30-6001	3
20	WRAP *(ONE FOOT REQUIRED)	33-0114	1
21	BOLT	27-8807	1
*MUST ORDER IN ONE FOOT LENGTHS			

## ELECTRIC BOX ASSEMBLY, 3 PHASE (AFTER SERIAL #11356791)



3PH E-BOX ASSY 010322 SMS			
ELECTRIC BOX ASSEMBLY			
ITEM	TITLE	PART #	QTY
1	BOLT	27-0017	5
2	WASHER	28-0002	9
3	WIRE CLIP	33-0264	1
4	STRAIN RELIEF	32-0437	2
5	CONDUIT ELBOW	32-0487	1
6	CORD RELIEF	9-0046	1
7	ELECTRICAL BOX	20-1601A18	1
8	ELECTRICAL LOCKNUT	32-0292	2
9	ELECTRICAL LOCKNUT	32-0108	2
10	SPACER	33-0431	4
11	LOCKNUT	30-0155	4
12	STAR WASHER	28-1009	5
13	SCREW	27-8835	6
14	TRANSFORMER (3005)	32-0618	1
-	TRANSFORMER (2004, 3004)	32-0735	1
15	FUSE	32-0743	1
16	FUSE (200-230V UNITS)	32-0740	2
-	FUSE (480V UNITS)	32-0467	2
17	OVERLOAD (3005)	32-1074	1
-	OVERLOAD (3004)	32-1076	1
-	OVERLOAD (2004)	32-0482	1
-	OVERLOAD (CX-0076)	32-0481	1
18	CONTACTOR (3004, 3005)	32-0597	1
-	CONTACTOR (2004)	32-0329	1
-	CONTACTOR (480V)	32-0327	1
19	WASHER	28-0010	2
20	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
21	CONTROL PANEL BACKPLATE	20-1600A06	1
22	TIMER SWITCH	32-0800	1
23	TERMINAL STRIP	32-0436	1
24	NUT	30-6001	3
25	WRAP *(ONE FOOT REQUIRED)	33-0114	1
26	BOLT	27-8807	1
*MUST ORDER IN ONE FOOT LENGTHS			

## PUMP ASSEMBLY (3-0202)



3-0202 042914 CH

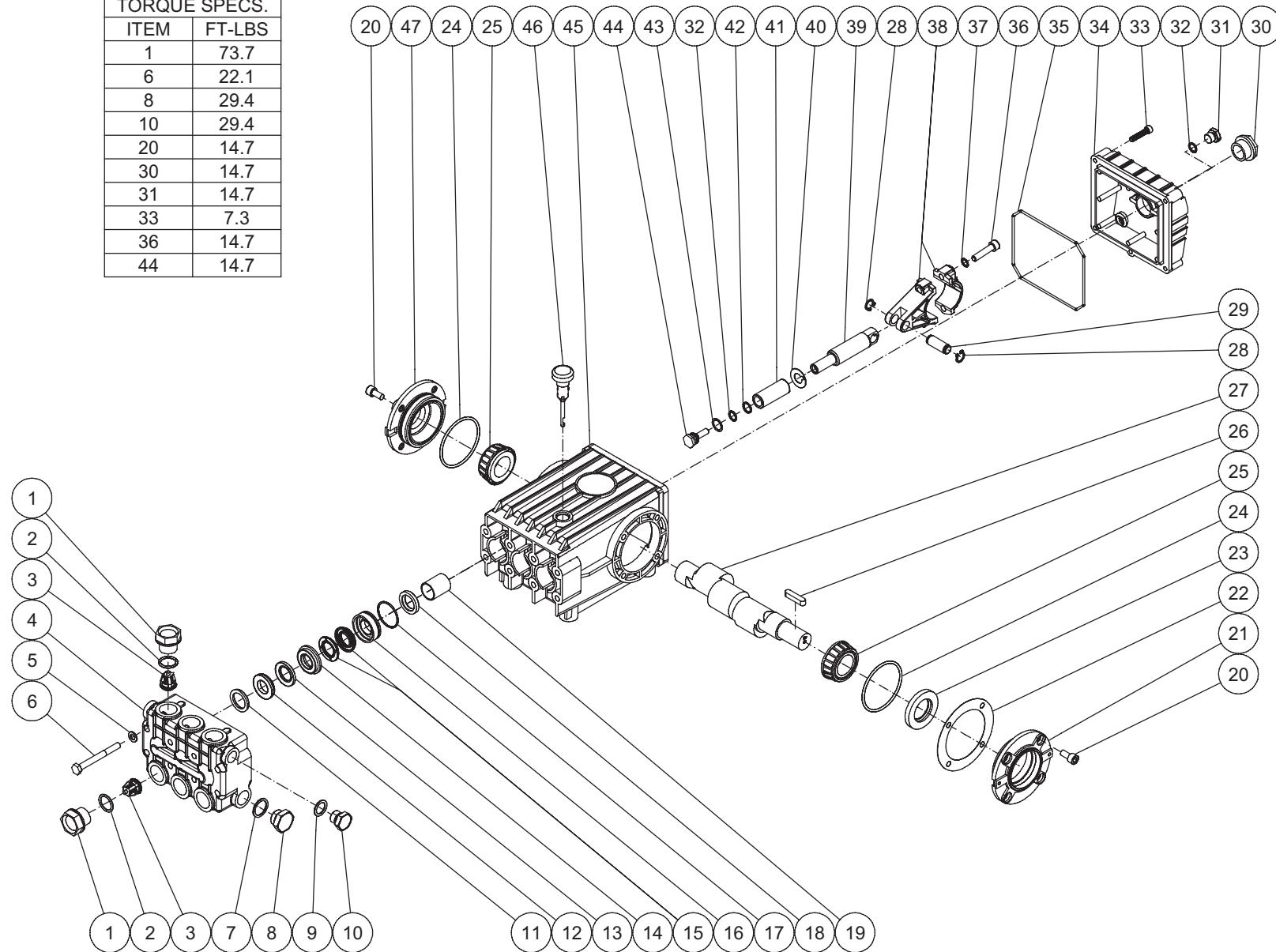
PUMP ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	VALVE CAP	46-0889	6
2	O-RING	25-0012	6
3	VALVE (SEE KIT 70-0009)	22-0056	6
4	MANIFOLD	N/A	1
5	WASHER	28-1039	8
6	BOLT	27-8185	8
7	WASHER	28-1038	2
8	PLUG	39-0019	2
9	WASHER	28-1002	2
10	PLUG	39-0018	2
11	HEAD RING (SEE KIT 70-0030 & 852-0122)	70-0030	3
12	V-PACKING SUPPORT (SEE KIT 70-0147 & 852-0122)	26-0098	3
13	O-RING (SEE KIT 70-0147, 70-0148 & 852-0122)	25-0207	3
14	HIGH PRESSURE INTERMEDIATE SEAL RETAINER (SEE KIT 70-0148)	46-0659	3
15	PRESSURE SEAL (SEE KIT 70-0147 & 852-0122)	26-0197	3
16	LOW PRESSURE SEAL RETAINER	46-0057	3
17	O-RING (SEE KIT 852-0122)	25-0015	3
18	OIL SEAL	26-0047	3
19	BUSHING	9-0029	3
20	BOLT	27-8431	8
21	CRANKCASE COVER	46-0296	1
22	SHIM	46-0113	1
23	OIL SEAL	26-0049	1
24	O-RING	25-0013	2

REPLACEMENT KITS				
KIT#	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	VALVES	3	6	3
70-0030	HEAD RING	11	3	3
70-0147	V-PACKING	12, 13, 15	3	3
70-0148	INTERMEDIATE RETAINER	13, 14	3	3
852-0122	V-PACKING ASSY	11-13, 15, 17	3	3

## PUMP ASSEMBLY (3-0203)

TORQUE SPECS.	
ITEM	FT-LBS
1	73.7
6	22.1
8	29.4
10	29.4
20	14.7
30	14.7
31	14.7
33	7.3
36	14.7
44	14.7



3-0203 102419

3-0203 102419 ATL

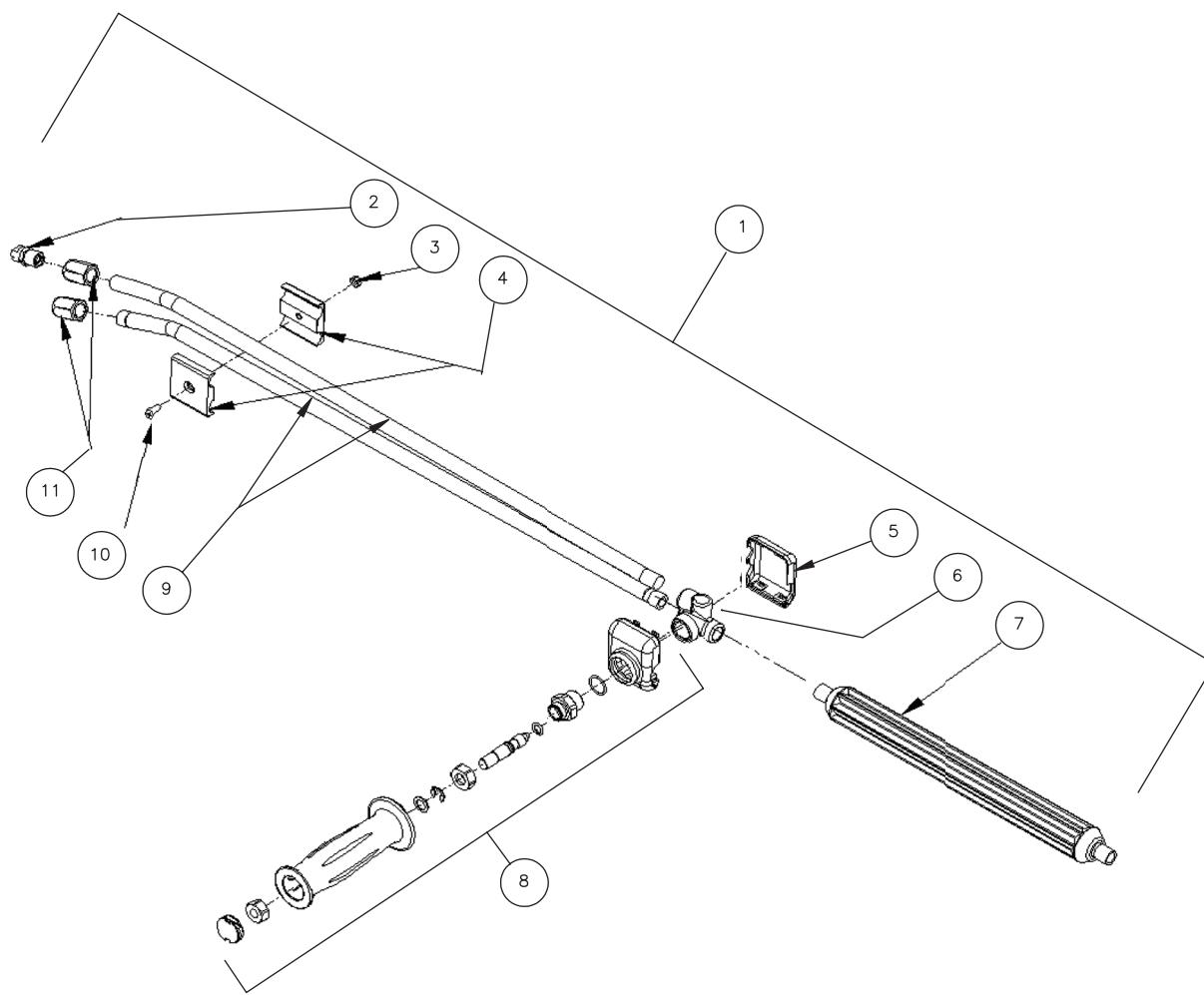
## PUMP ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	PART #	QTY
1	VALVE CAP	46-0889	6	25	BEARING	48-0012	2
2	O-RING	25-0012	6	26	KEY	43-0048	1
3	VALVE (SEE KIT 70-0009)	22-0056	6	27	CRANKSHAFT	46-0888	1
4	MANIFOLD	N/A	1	28	RETAINING RING	46-0103	6
5	WASHER	28-1039	8	29	CONNECTING ROD PIN	43-0032	3
6	BOLT	27-8185	8	30	OIL LEVEL INDICATOR	46-0114	1
7	WASHER	28-1038	2	31	PLUG	39-0017	1
8	PLUG	39-0019	2	32	O-RING	25-0014	4
9	WASHER	28-1002	2	33	BOLT	27-8404	5
10	PLUG	39-0018	2	34	CRANKCASE OPEN COVER	46-0295	1
11	HEAD RING (SEE KIT 70-0030 & 852-0122)	70-0030	3	35	O-RING	25-0339	1
12	V-PACKING SUPPORT (SEE KIT 70-0147 & 852-0122)	26-0098	3	36	BOLT	27-8435	6
13	O-RING (SEE KIT 70-0147, 70-0148 & 852-0122)	25-0207	3	37	LOCKWASHER	29-0154	6
14	HIGH PRESSURE INTERMEDIATE SEAL RETAINER (SEE KIT 70-0148)	46-0659	3	38	CONNECTING ROD	46-0051	3
15	PRESSURE SEAL (SEE KIT 70-0147 & 852-0122)	26-0197	3	39	PISTON ROD	46-0056	3
16	LOW PRESSURE SEAL RETAINER	46-0057	3	40	SLINGER WASHER	46-0146	3
17	O-RING (SEE KIT 852-0122)	25-0015	3	41	PLUNGER	46-0052	3
18	OIL SEAL	26-0047	3	42	BACK-UP RING	46-0109	3
19	BUSHING	9-0029	3	43	WASHER	28-0400	3
20	BOLT	27-8431	8	44	NUT / PISTON	46-0069	3
21	CRANKCASE COVER	46-0296	1	45	CRANKCASE	46-0047	1
22	SHIM	46-0113	1	46	OIL DIP STICK	46-0144	1
23	OIL SEAL	26-0049	1	47	CRANKCASE COVER	46-0336	1
24	O-RING	25-0013	2				

## REPLACEMENT KITS

KIT#	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	VALVES	3	6	3
70-0030	HEAD RING	11	3	3
70-0147	V-PACKING	12, 13, 15	3	3
70-0148	INTERMEDIATE RETAINER	13, 14	3	3
852-0122	V-PACKING ASSY	11-13, 15, 17	3	3

## DUAL LANCE ASSEMBLY (16-0416 AND 16-0417)

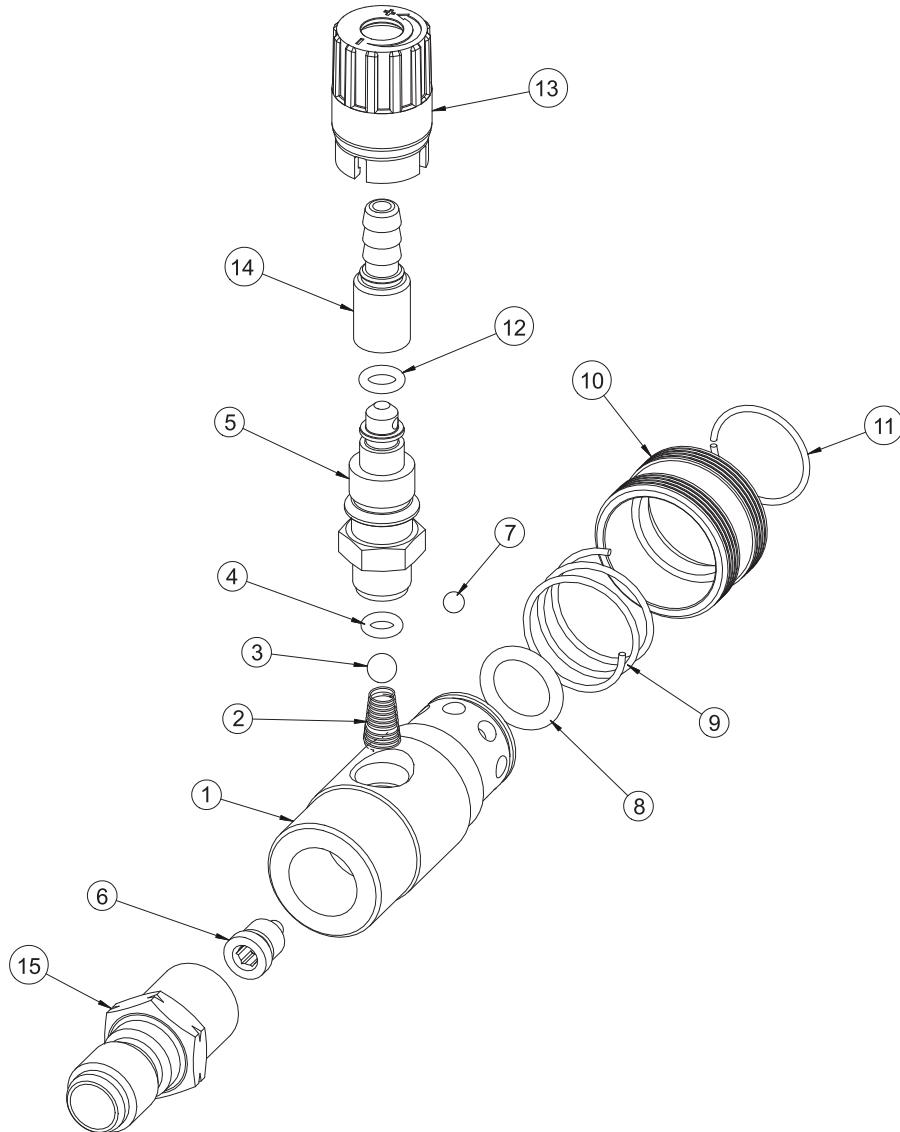


16-0416\_16-0417-102405-RZ

16-0416\_16-0417-102405-RZ

DUAL LANCE ASSEMBLY (16-0416 & 16-0417)			
REF. #	DESCRIPTION	PART #	QTY.
1	Dual Lance Assembly - 36" (Inc. 2-11)	16-0416	1
-	Dual Lance Assembly - 48" (Inc. 2-11)	16-0417	1
2	Detergent Nozzle	18-0110	1
3	Nut	30-6001	1
4	Clamp	16-0420	2
5	Lower Valve Cover (See 16-0416 or 16-0417)	N/A Sep.	1
6	Housing (See 16-0416 or 16-0417)	N/A Sep.	1
7	Lance	16-0419	1
8	Handle Repair Kit	70-0419	1
9	Lance (See 16-0416)	N/A Sep.	2
-	Lance (See 16-0417)	N/A Sep.	2
10	Screw	27-8196	1
11	Nozzle Adapter	24-0280	2

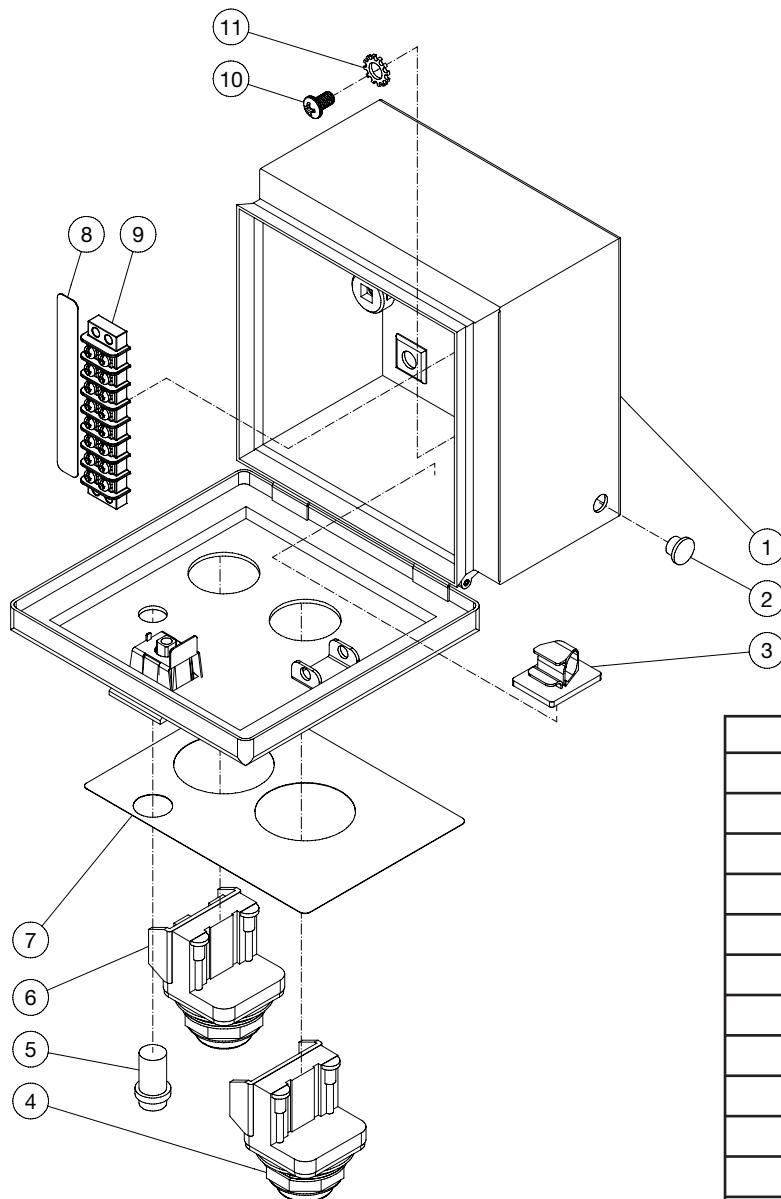
## DETERGENT INJECTOR (AW-8400-0021)



AW-8400 ASSEMBLY

DETERGENT INJECTOR REPAIR KIT (70-0395)			
REF. #	DESCRIPTION	PART #	QTY.
1	Injector Housing	N/A	1
2	Spring (See 70-0395)	N/A Sep.	1
3	Injector Ball (See 70-0395)	N/A Sep.	1
4	O-ring (See 70-0395)	N/A Sep.	1
5	Hose Barb	N/A	1
6	Injector Nozzle	N/A	1
7	Ball	N/A	8
8	O-ring (See 70-0395)	N/A Sep.	1
9	Spring	N/A	1
10	Collar	N/A	1
11	Retaining Ring	N/A	1
12	O-ring (See 70-0395)	N/A Sep.	1
13	Adjustable Hose Barb Knob	N/A	1
14	Adjustable Hose Barb	N/A	1
15	Nipple	N/A	1
Injector Repair Kit (Inc. 2, 3, 4, 8, 12)			70-0395

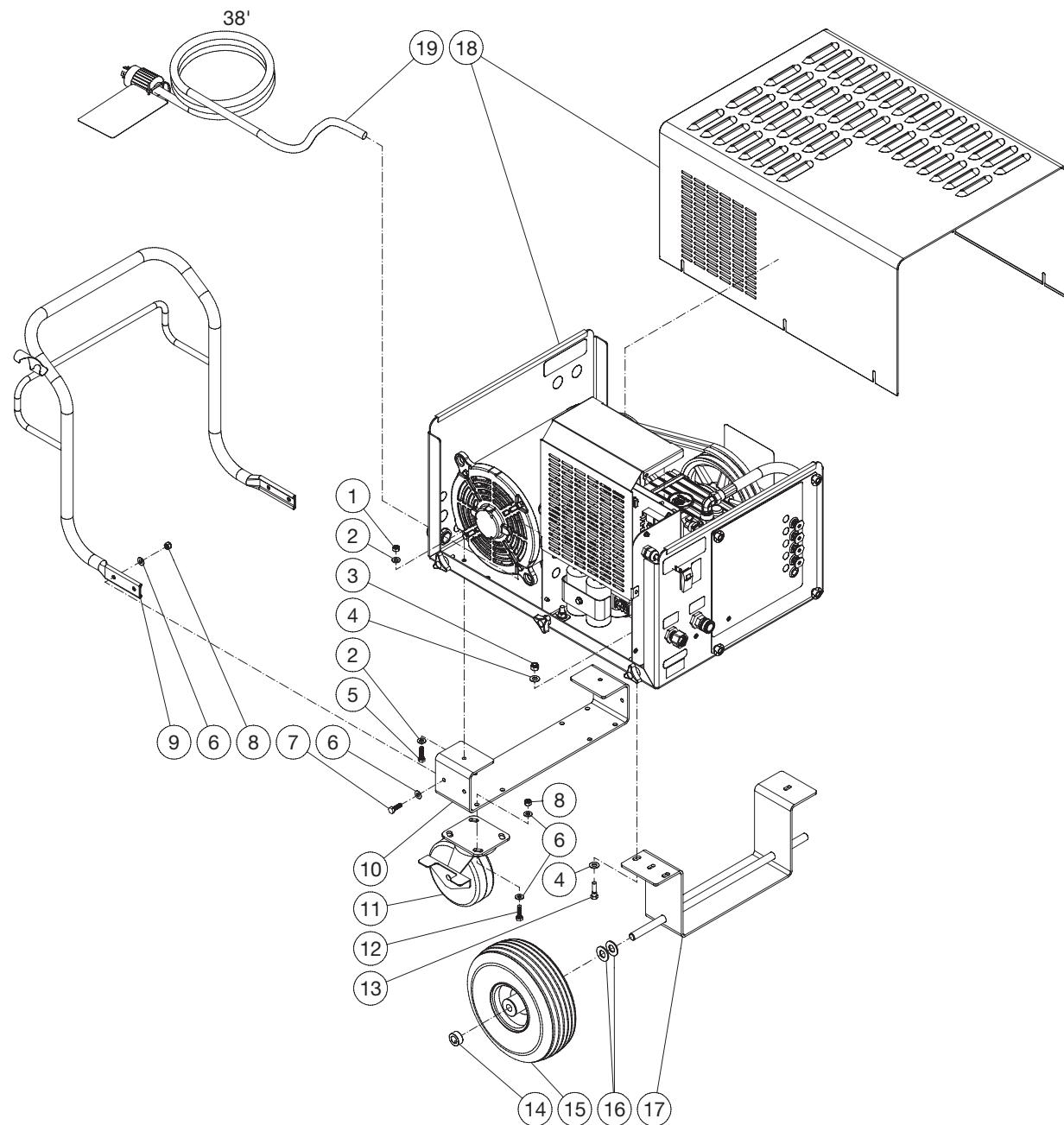
## METAL REMOTE BOX WITH PUSH PINS



CX-0114_CX-0115 021020			
METAL REMOTE BOX WITH PUSH PINS			
ITEM	TITLE	PART #	QTY
1	ELECTRIC BOX	32-1276	1
2	PLUG	N/A	1
3	WIRE CLIP	33-0264	1
4	SWITCH - RED	32-0306	1
5	LIGHT	32-0308	1
6	SWITCH - GREEN	32-0305	1
7	DECAL - METAL REMOTE BOX CW SME	34-3882	1
8	DECAL	34-3011	1
9	TERMINAL STRIP	32-0436	1
10	SCREW	N/A	1
11	LOCKWASHER	29-0110	1

CX-0114\_CX-0115 021020

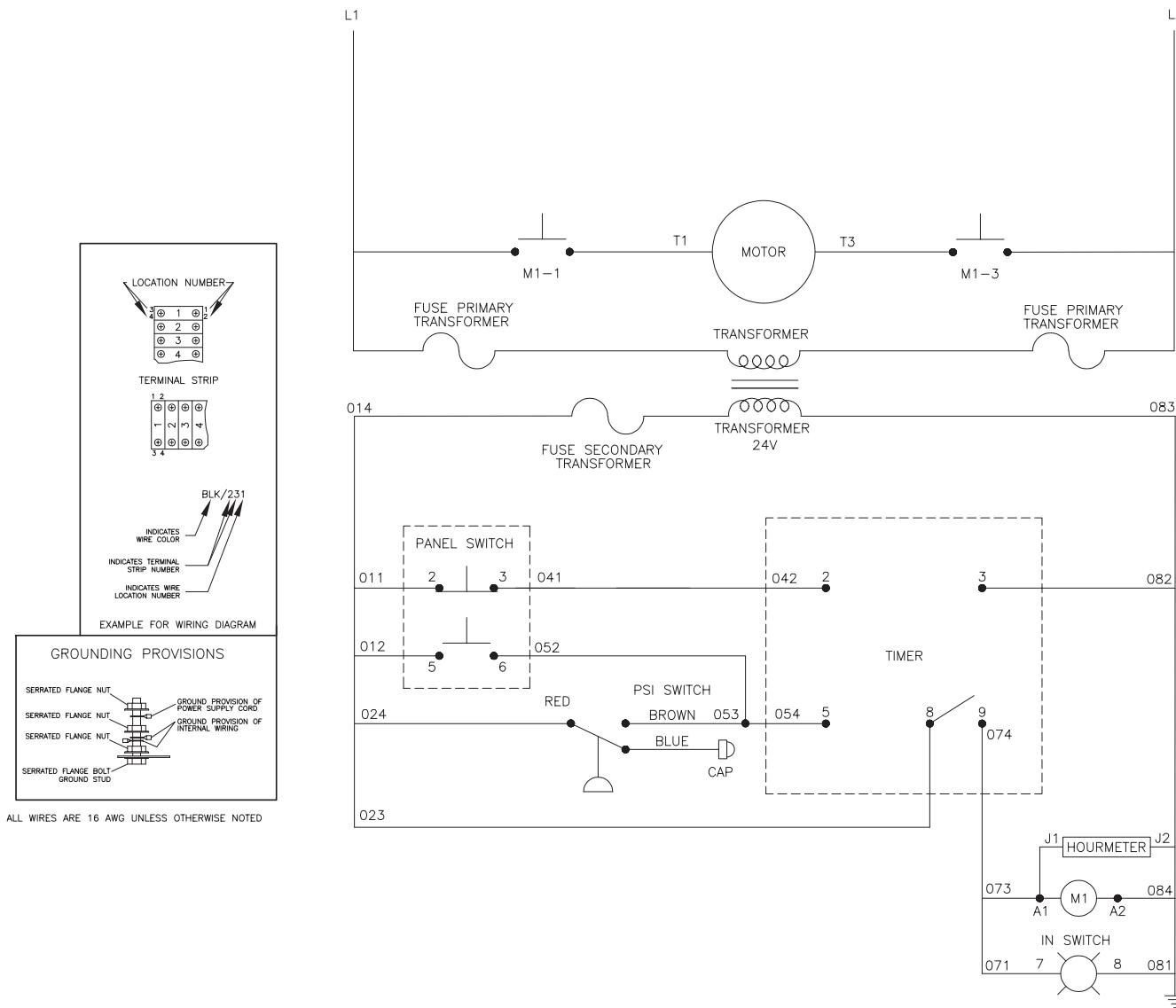
## WHEEL KIT



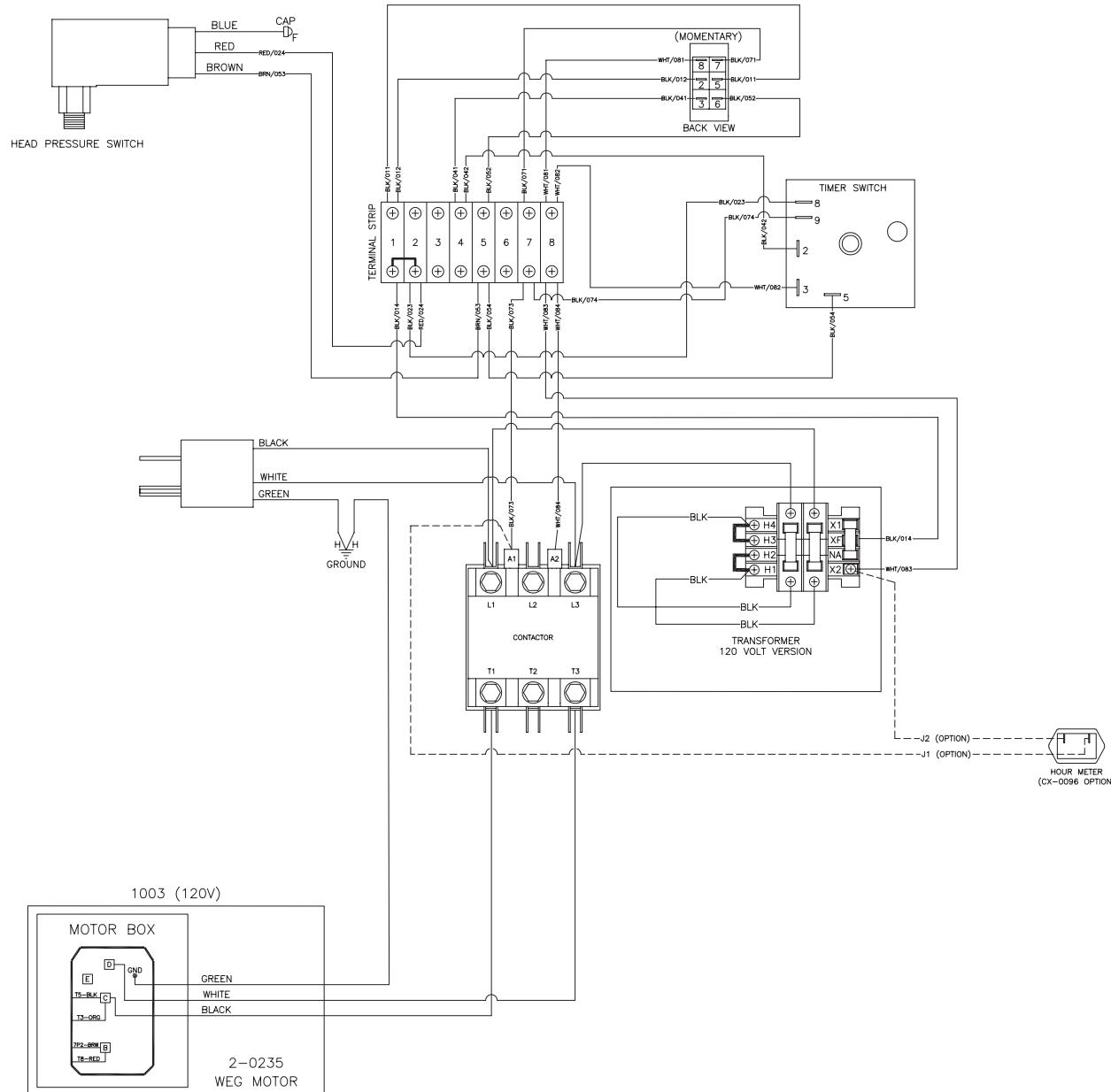
CX-0122 THRU CX-0126 - SME WHEEL KIT 092222			
WHEEL KIT			
ITEM	TITLE	PART #	QTY
1	LOCKNUT	30-5158	4
2	WASHER	28-0122	8
3	NUT	30-5159	1
4	WASHER	28-0123	2
5	BOLT	27-5024	4
6	WASHER	28-0003	24
7	BOLT	27-0067	4
8	LOCKNUT	30-0157	12
9	FRONT HANDLE	7-0102A18	1
10	CASTER BRACKET	20-1679A18	1
11	CASTER	14-0089	2
12	BOLT	27-0068	8
13	BOLT	27-9563	1
14	COLLAR	33-0351	2
15	WHEEL	14-0130	2
16	WASHER	28-0008	4
17	WHEEL BRACKET	20-1678A18	1
18	CW STAINLESS ASSEMBLY	N/A	1
19	CORD (CX-0122)	32-0215	1
-	CORD (CX-0123)	32-0334	1
-	CORD (CX-0124) *(THIRTY ONE FEET REQUIRED)	32-0025	1
-	CORD (CX-0122)	32-1223	1
-	CORD (CX-0125) *(THIRTY ONE FEET REQUIRED)	32-0023	1

\*MUST ORDER IN ONE FOOT LENGTHS

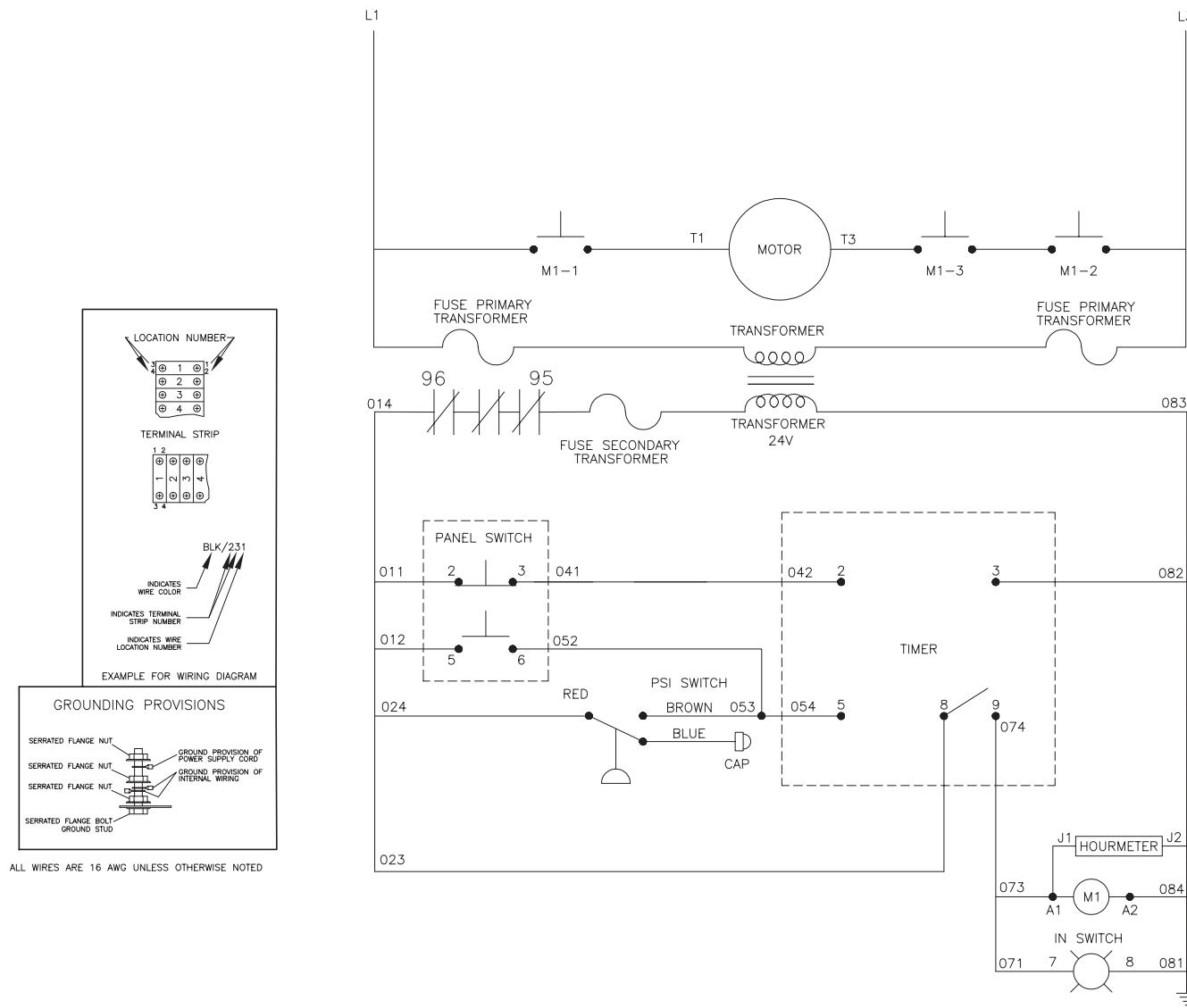
# WIRING SCHEMATIC - 1003 115V (CX-0096) (AFTER SERIAL #11357607)



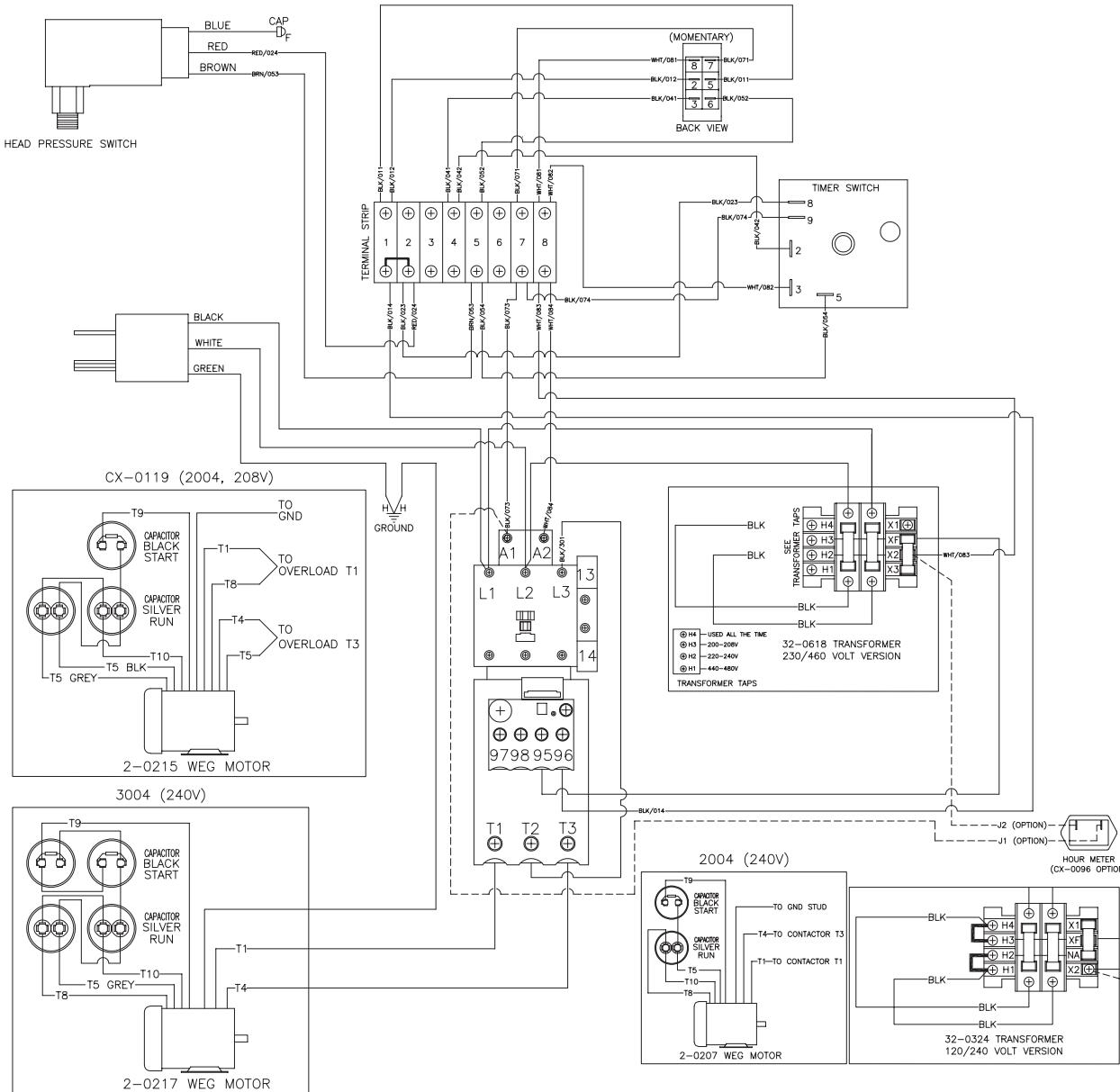
# WIRING DIAGRAM - 1003 115V (CX-0096) (AFTER SERIAL #11357607)



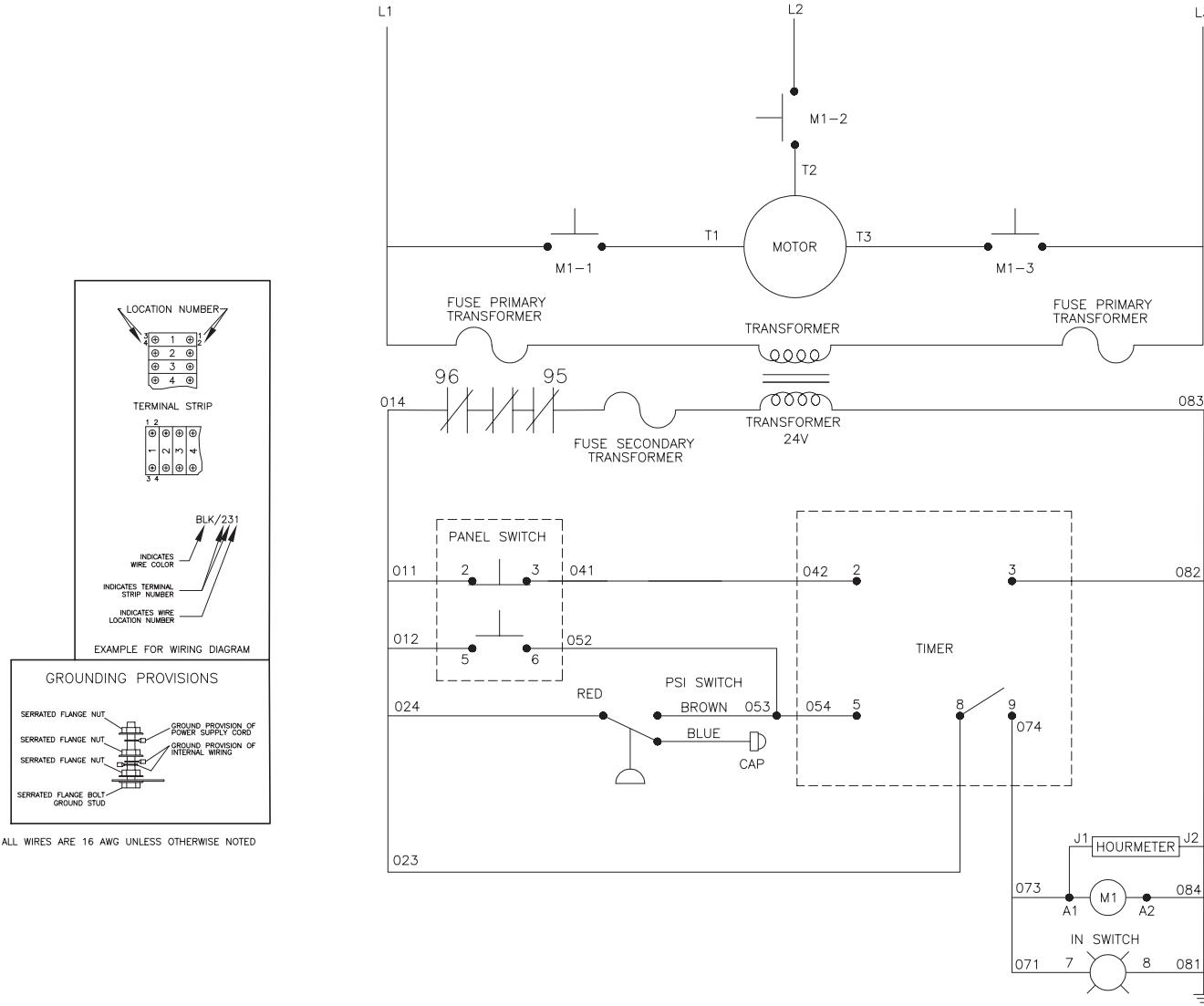
# WIRING SCHEMATIC - 2004\_3004, 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



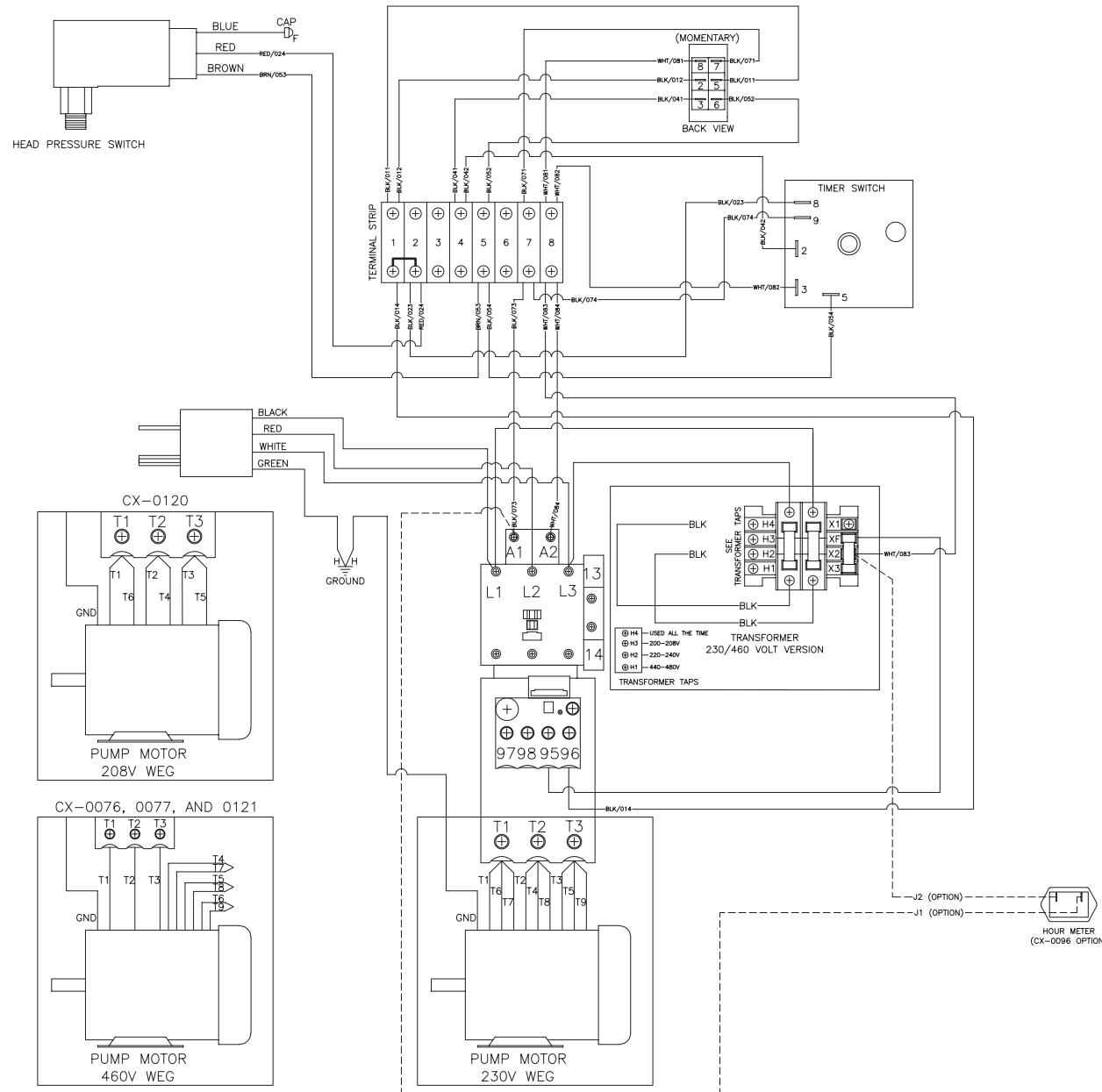
# WIRING DIAGRAM - 2004\_3004, 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



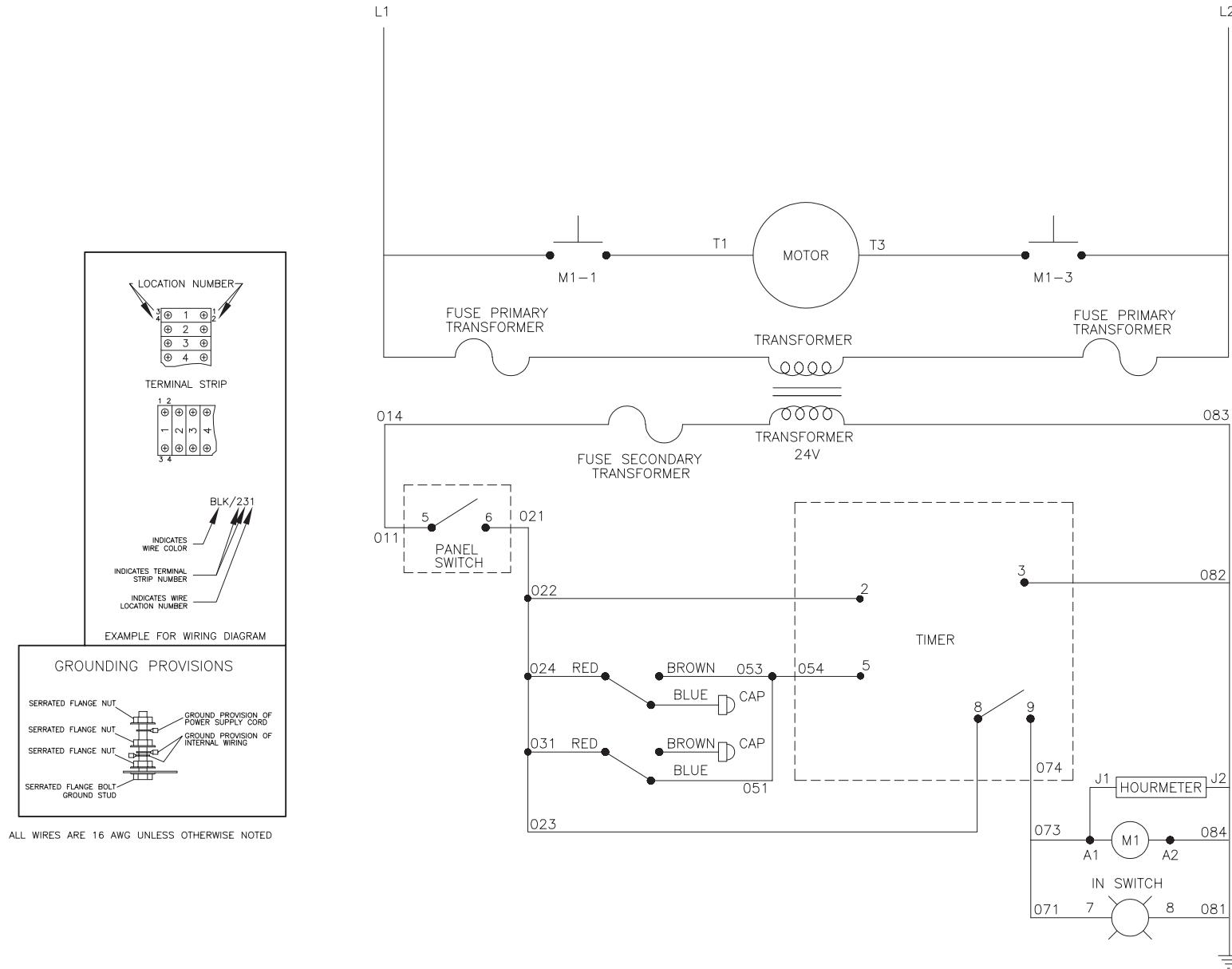
# WIRING SCHEMATIC - 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



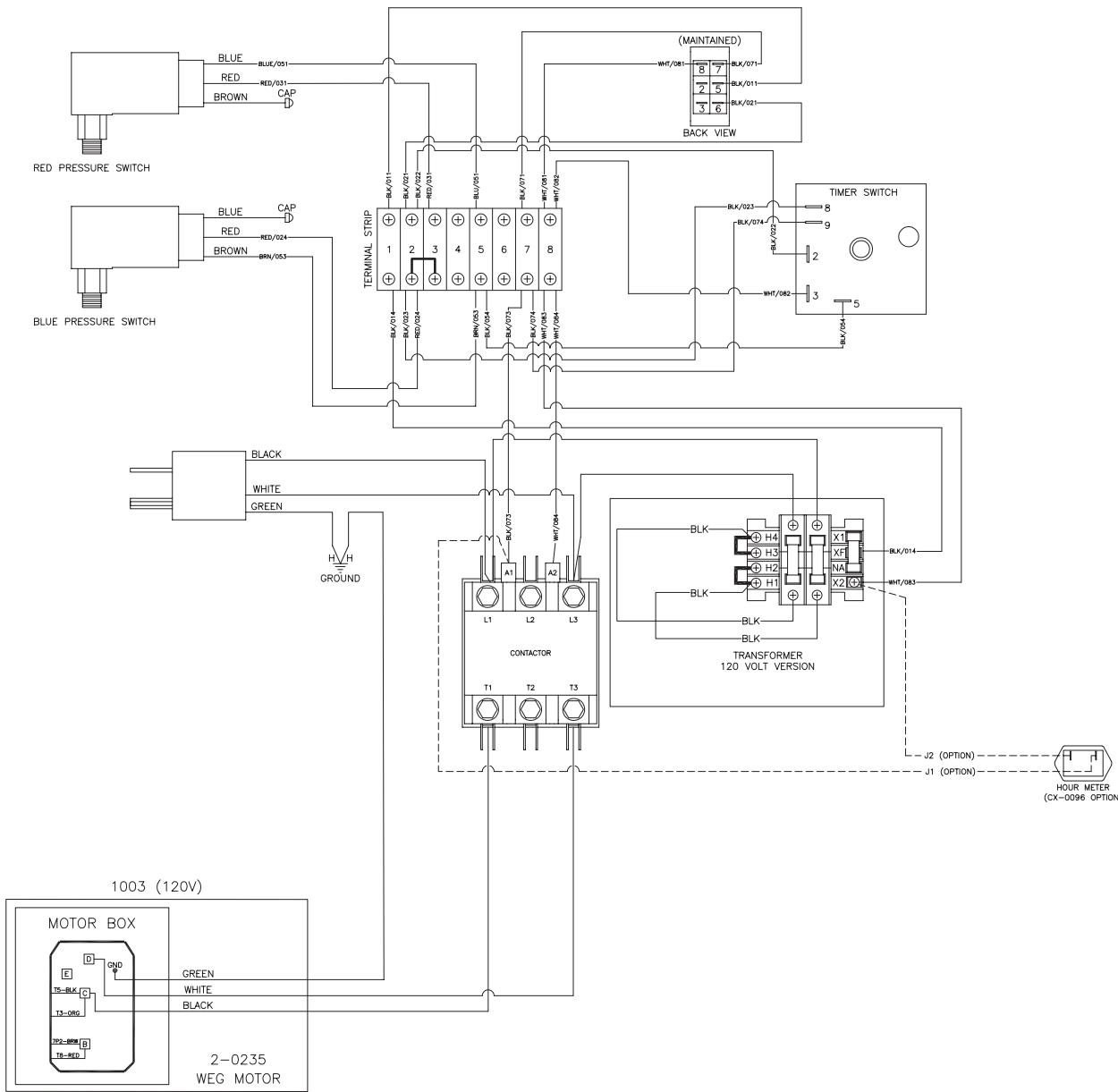
WIRING DIAGRAM - 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



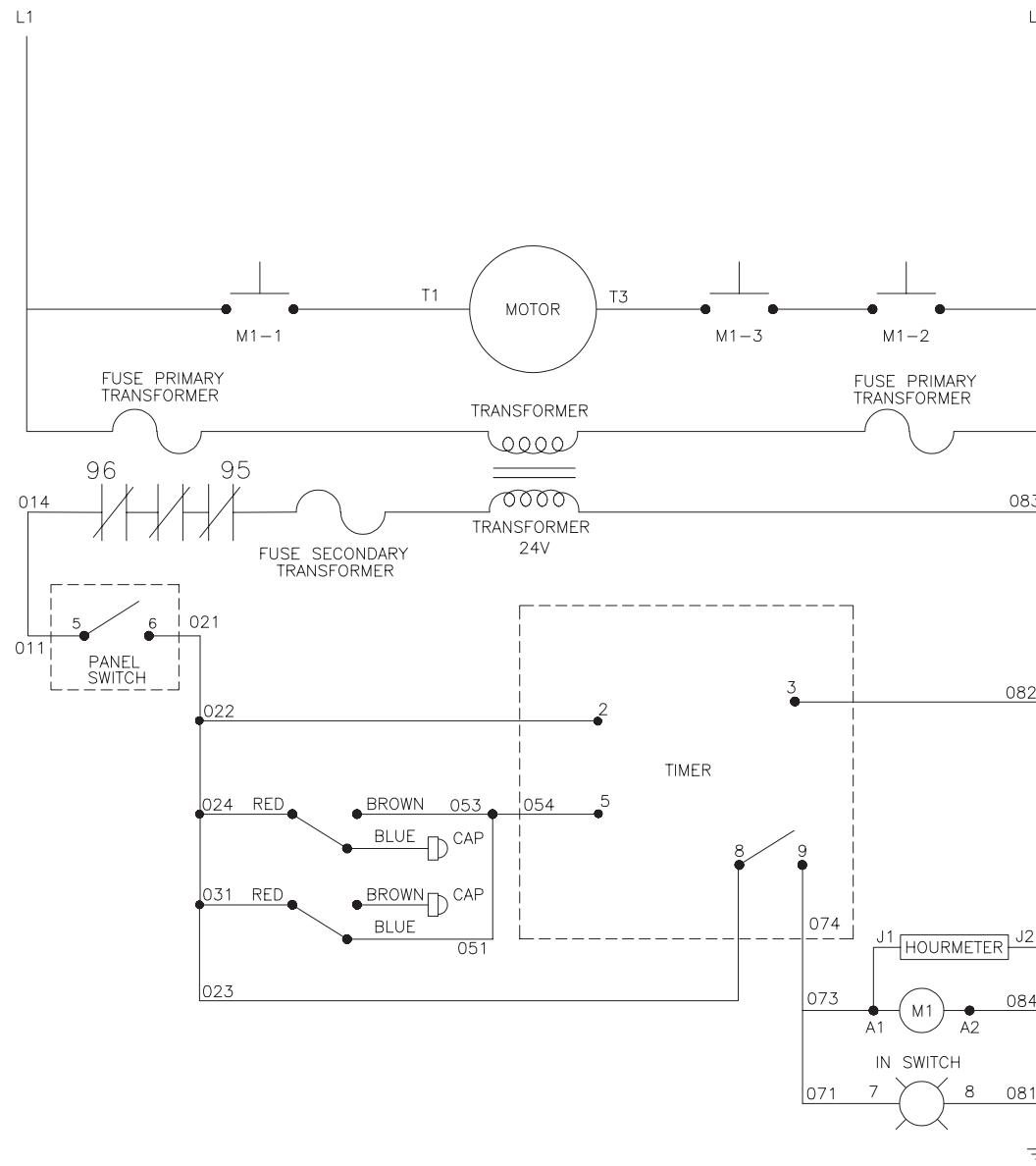
# WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



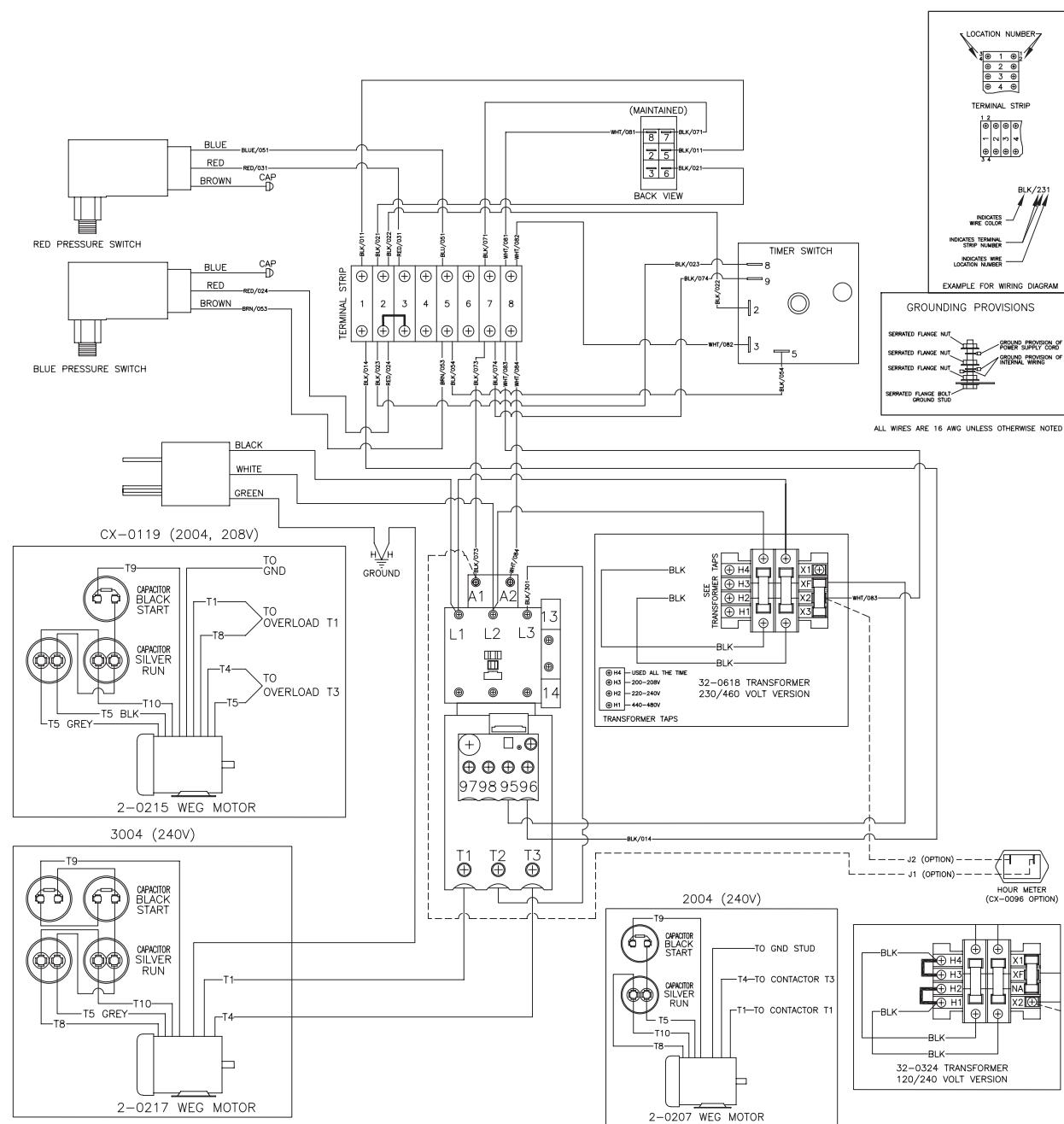
# WIRING DIAGRAM - CX-0069 AUTO START/STOP, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



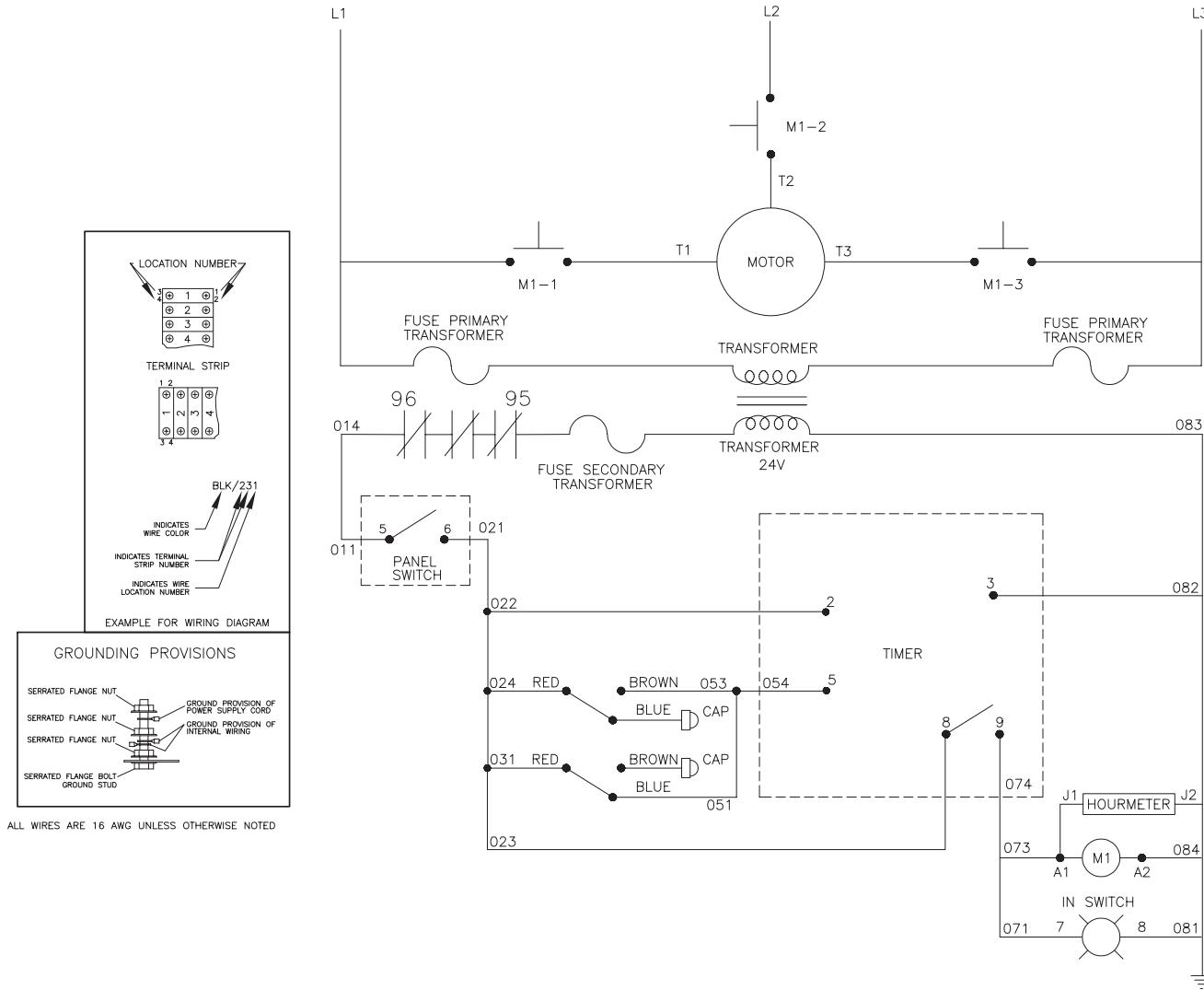
# WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 2004 \_3004 1PH (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



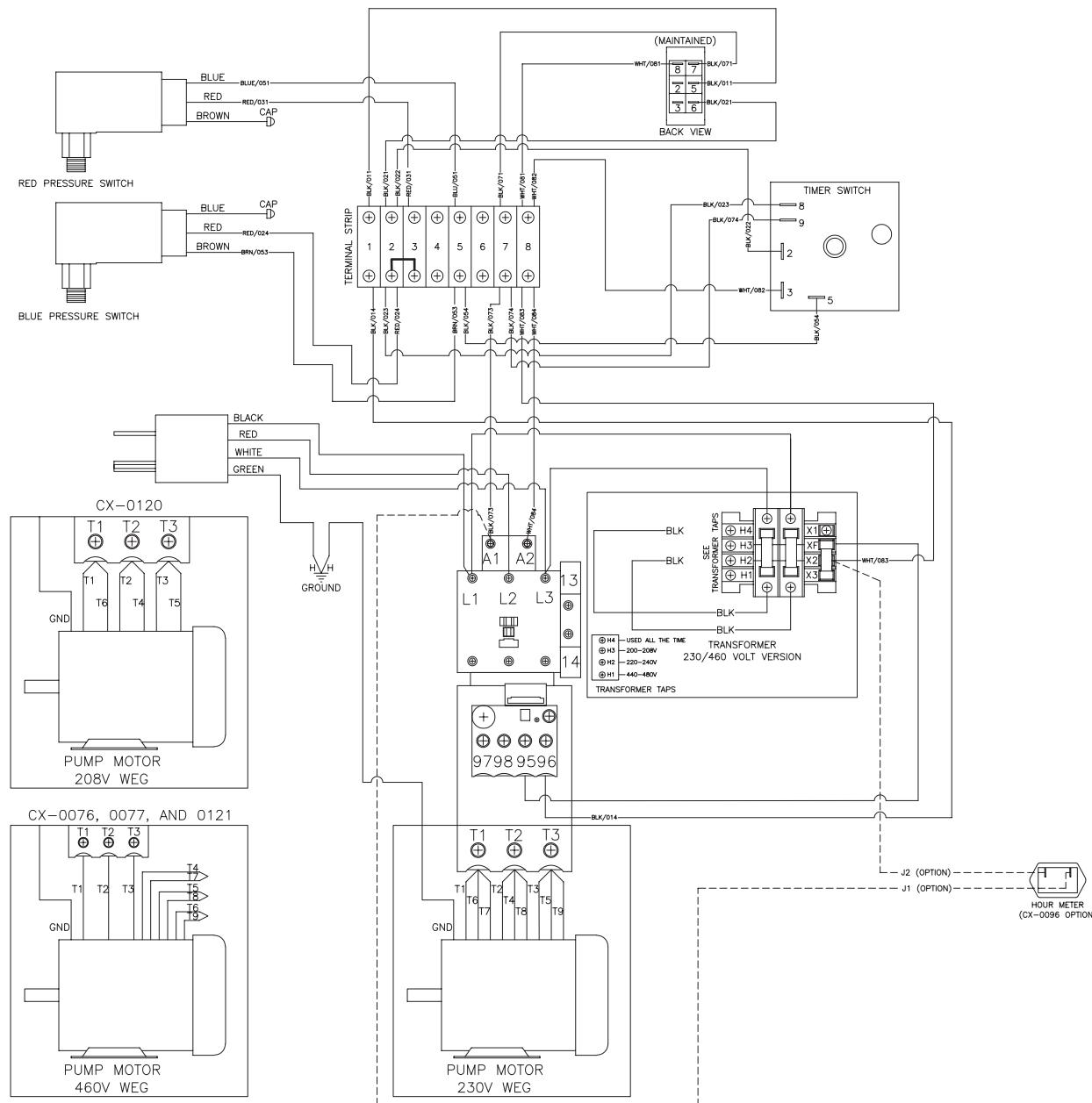
# WIRING DIAGRAM - CX-0069 AUTO START/STOP, 2004\_3004 1PH (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



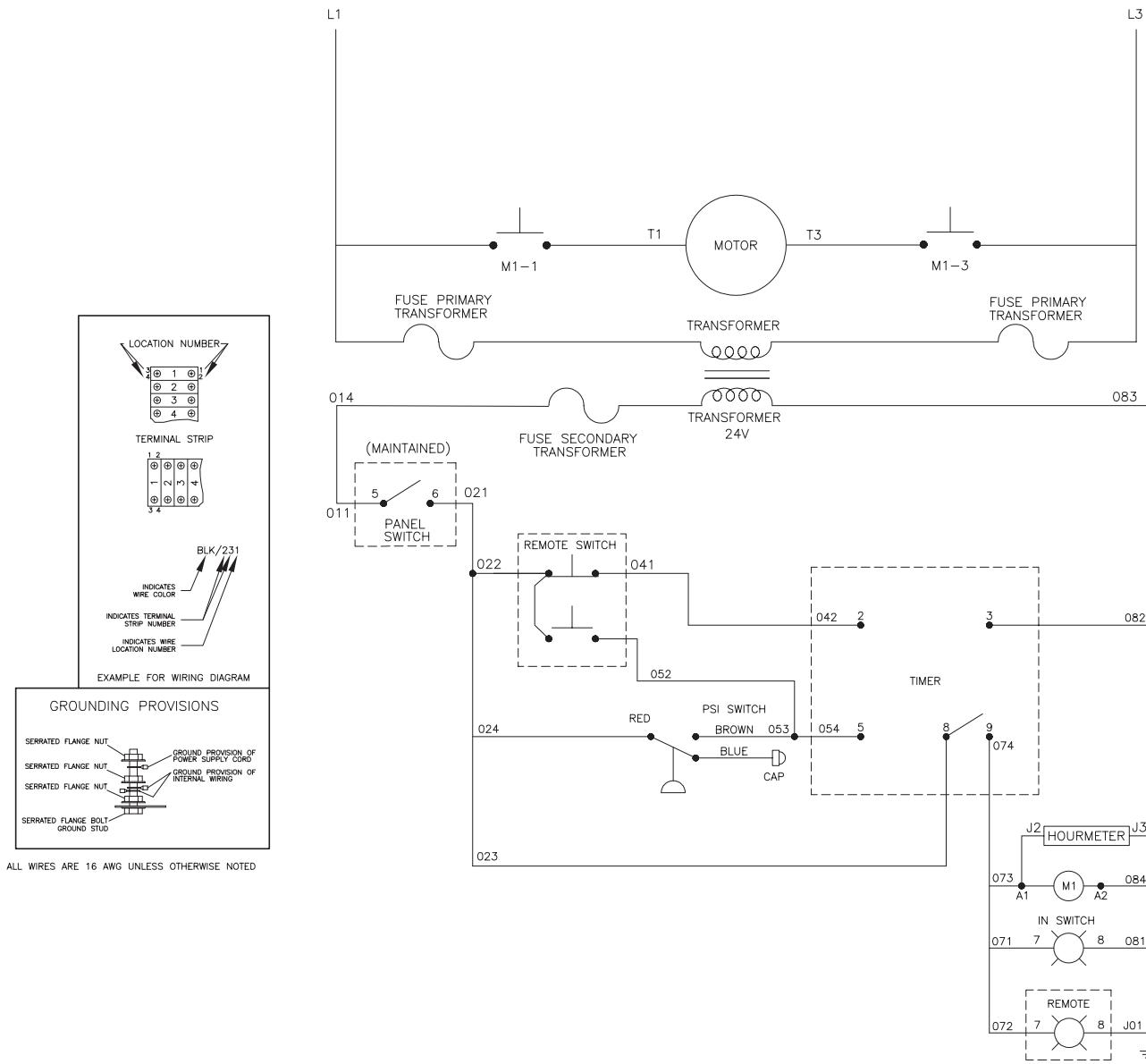
**WIRING SCHEMATIC - CX-0069 AUTO START/STOP, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)**



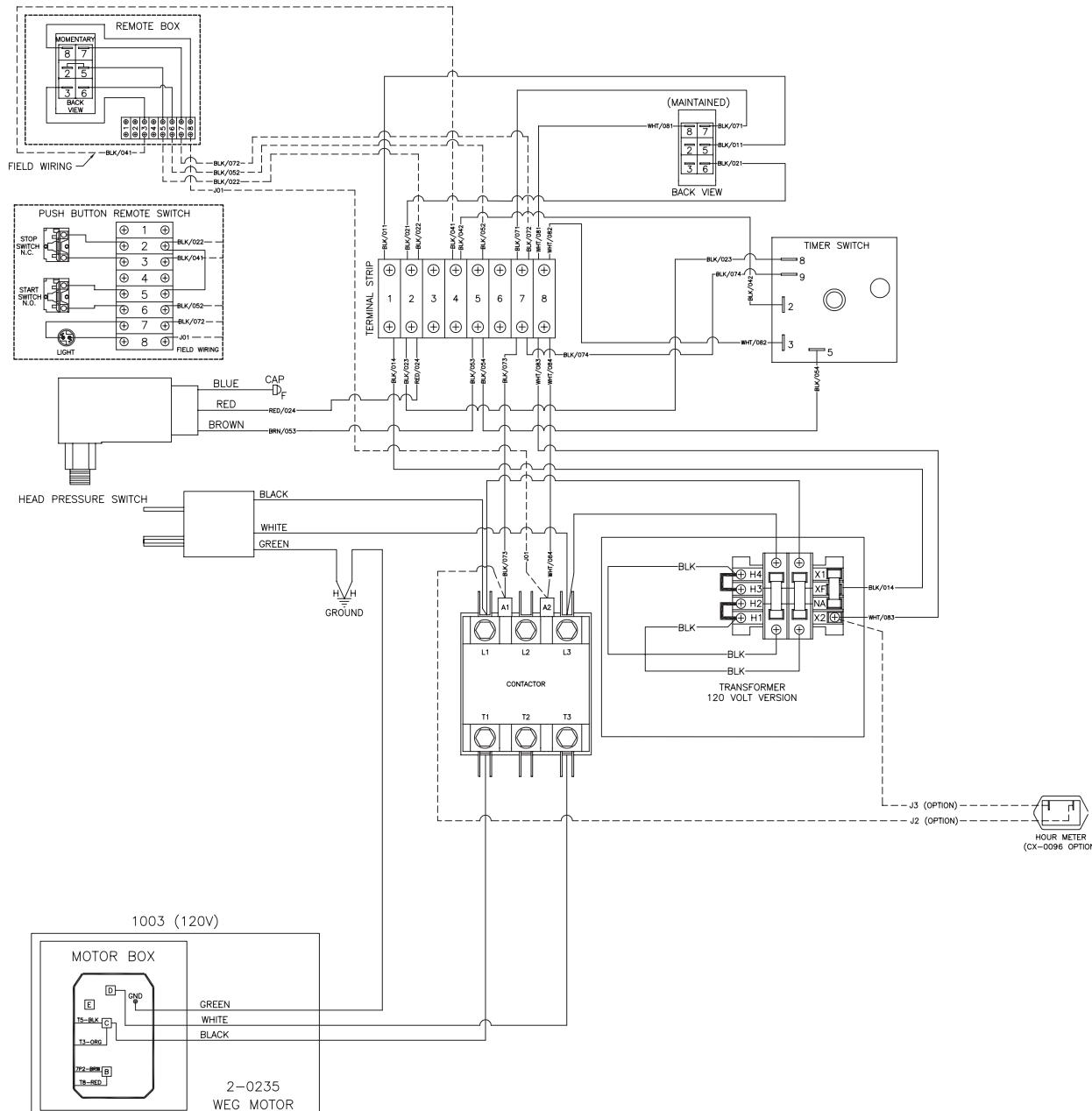
WIRING DIAGRAM - CX-0069 AUTO START/STOP, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



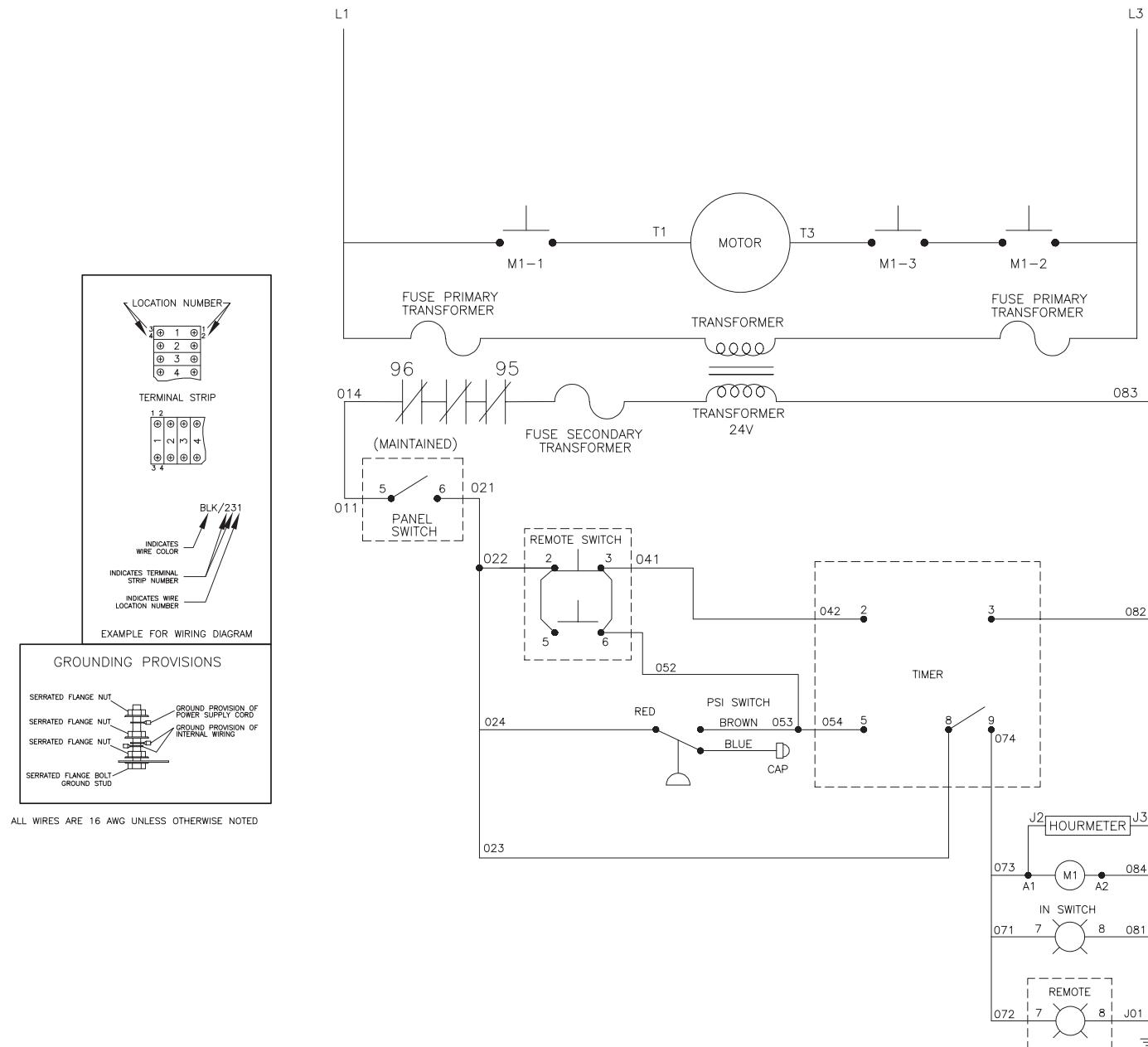
# WIRING SCHEMATIC - CX-0078/CX-0114 REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



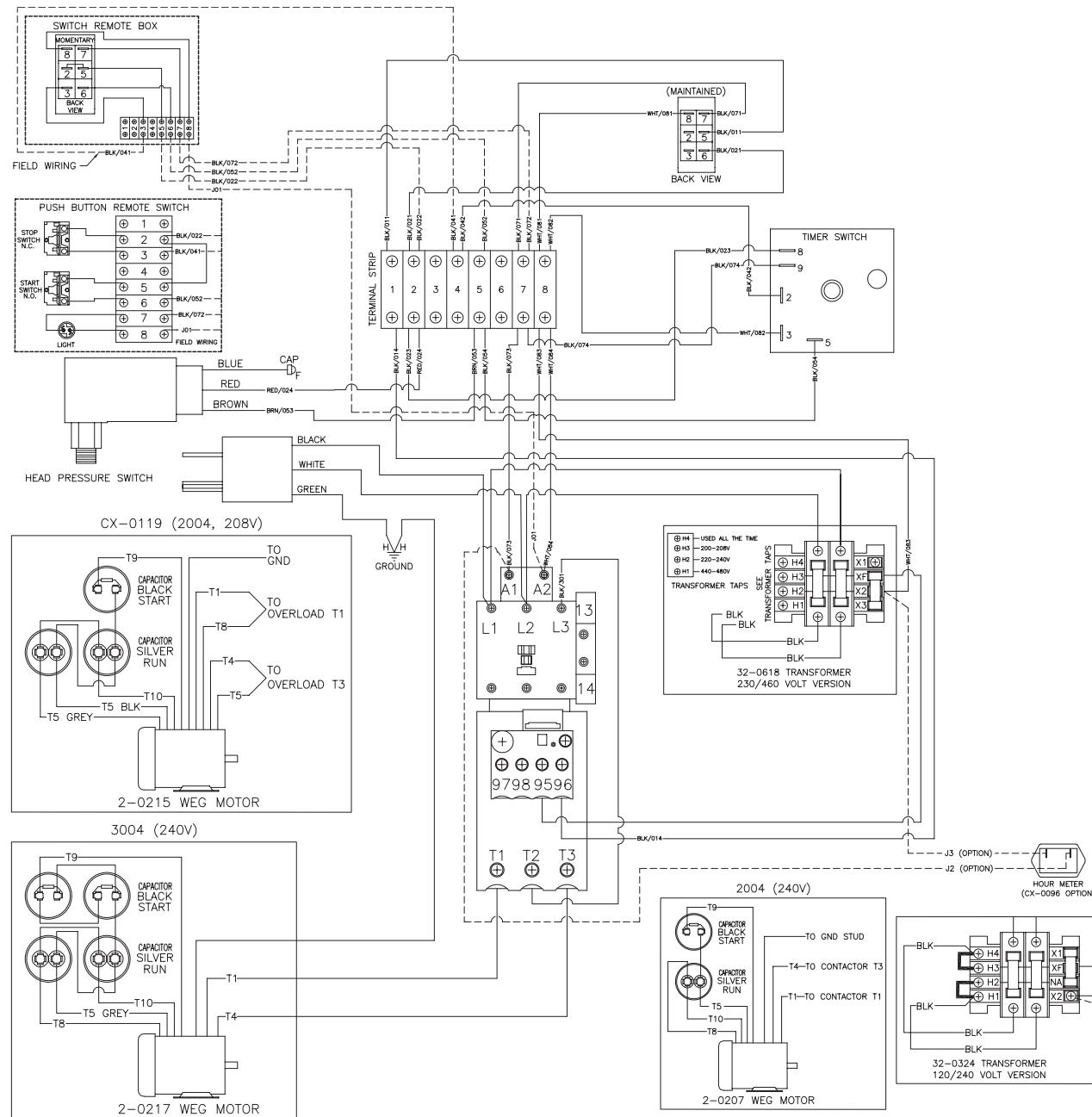
# WIRING DIAGRAM - CX-0078/CX-0114 REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



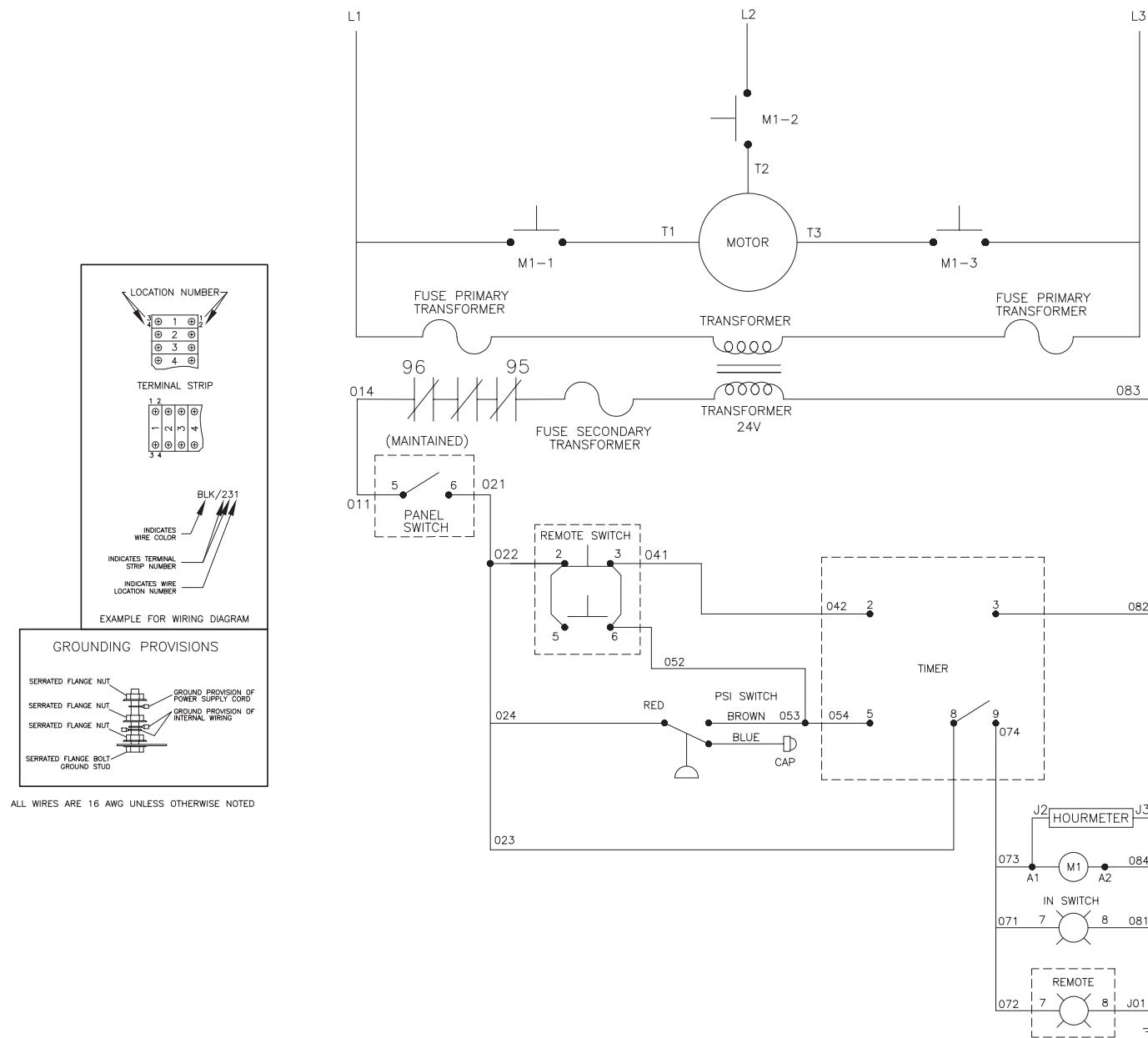
WIRING SCHEMATIC - CX-0078/CX-0114 REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



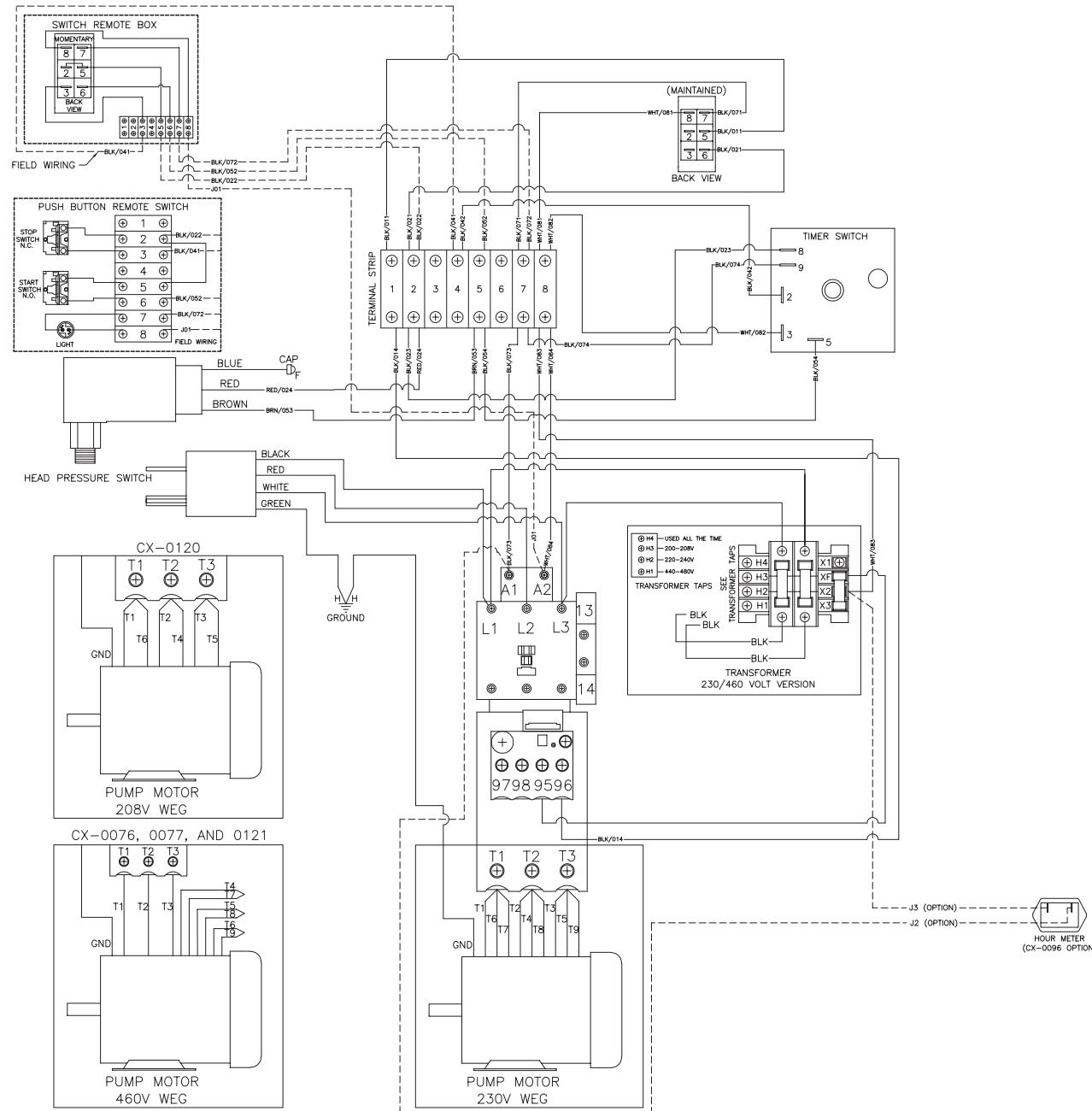
**WIRING DIAGRAM - CX-0078/CX-0114 REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)**



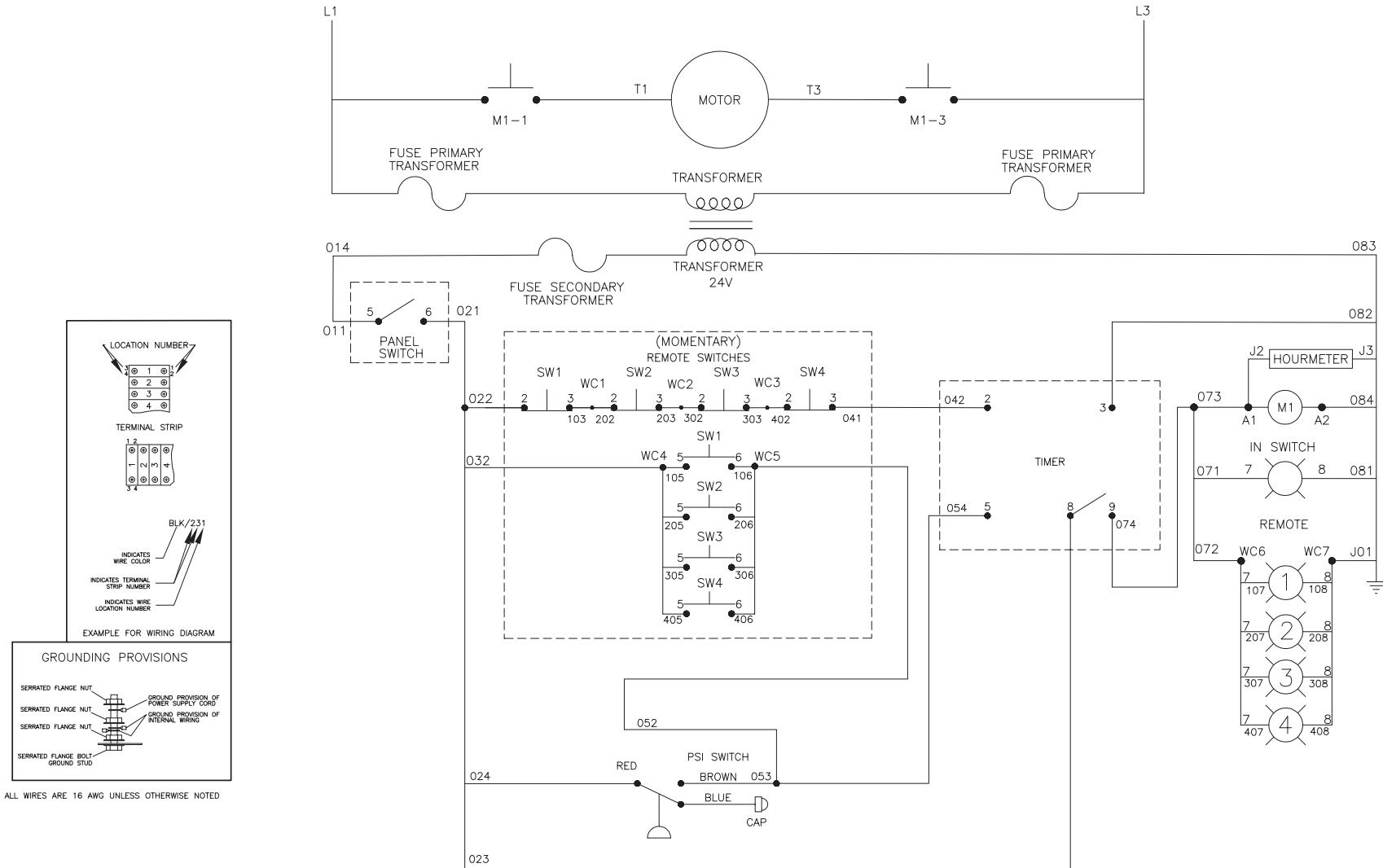
WIRING SCHEMATIC - CX-0078/CX-0114 REMOTE BOX 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



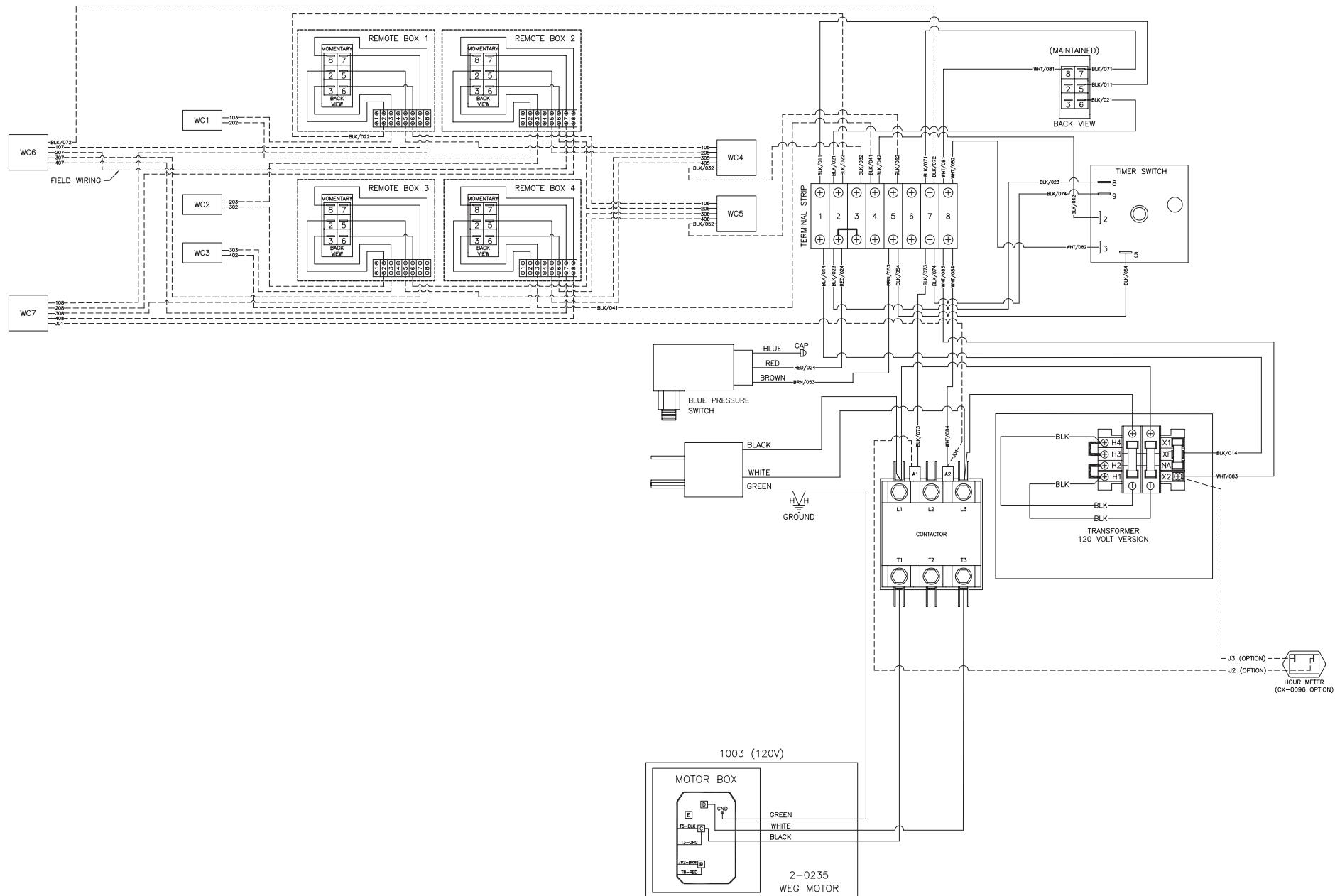
WIRING DIAGRAM - CX-0078/CX-0114 REMOTE BOX 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



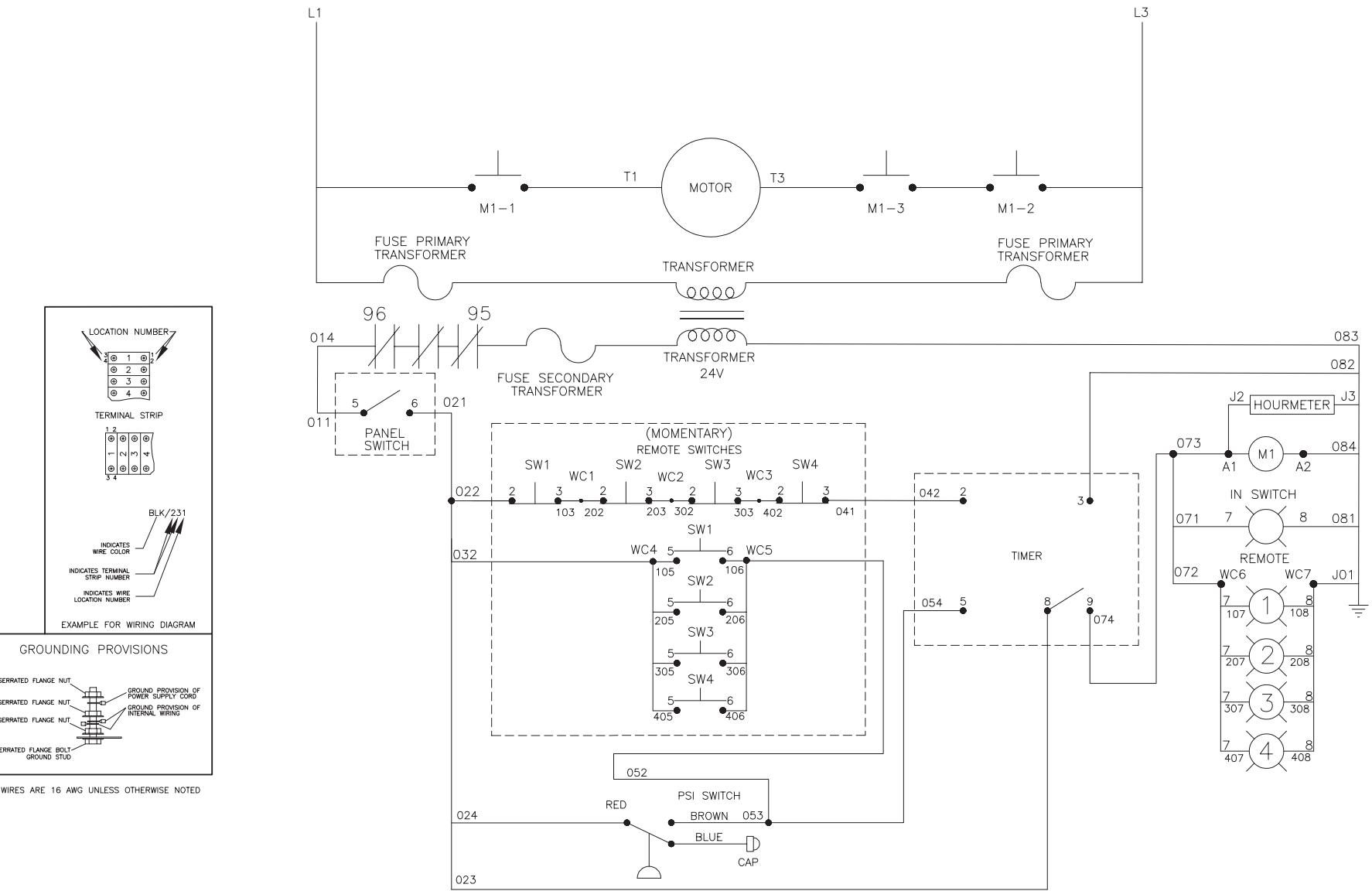
# WIRING SCHEMATIC - CX-0078/CX-0109 MULTI REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



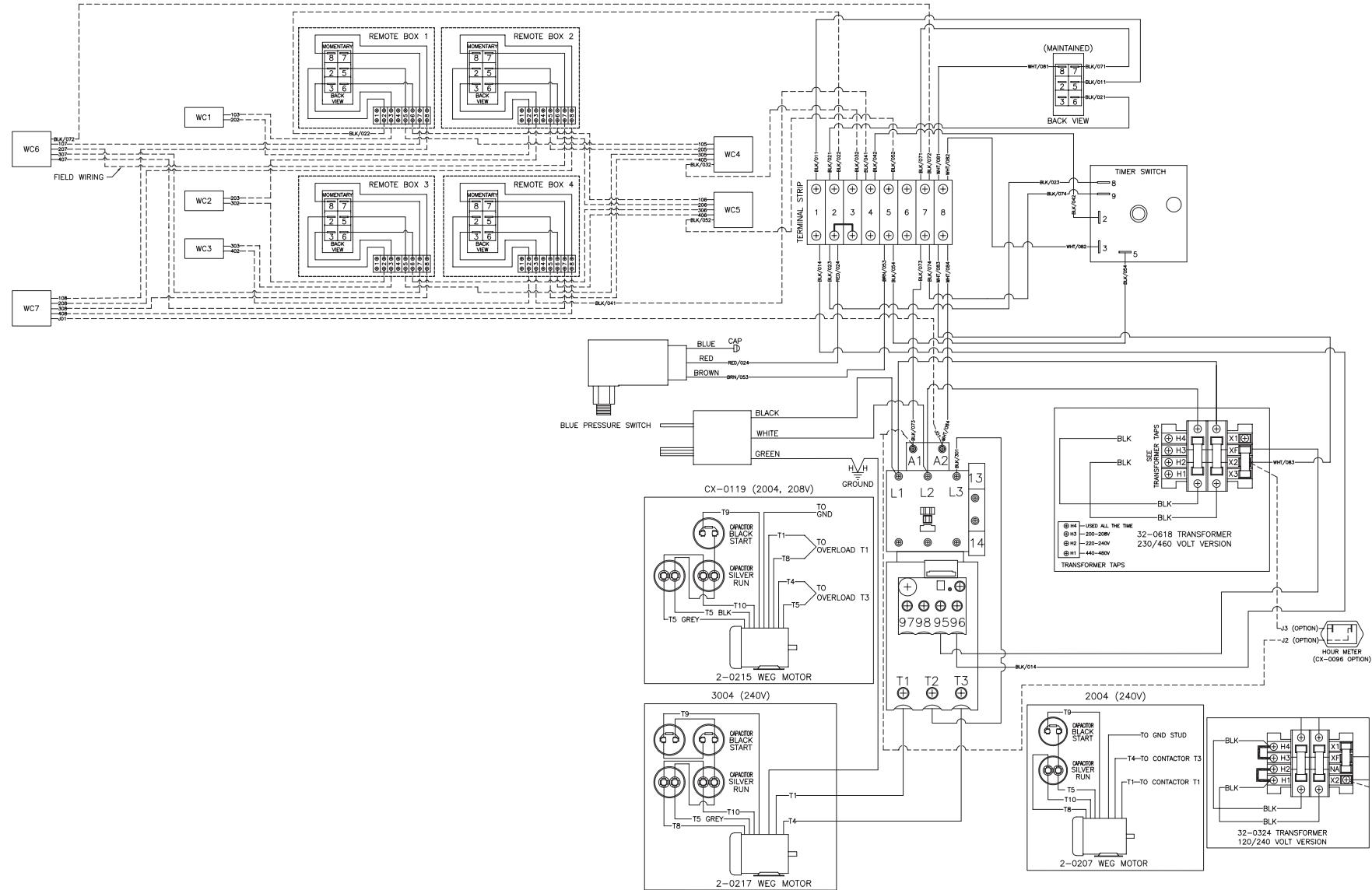
# WIRING DIAGRAM - CX-0078/CX-0109 MULTI REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



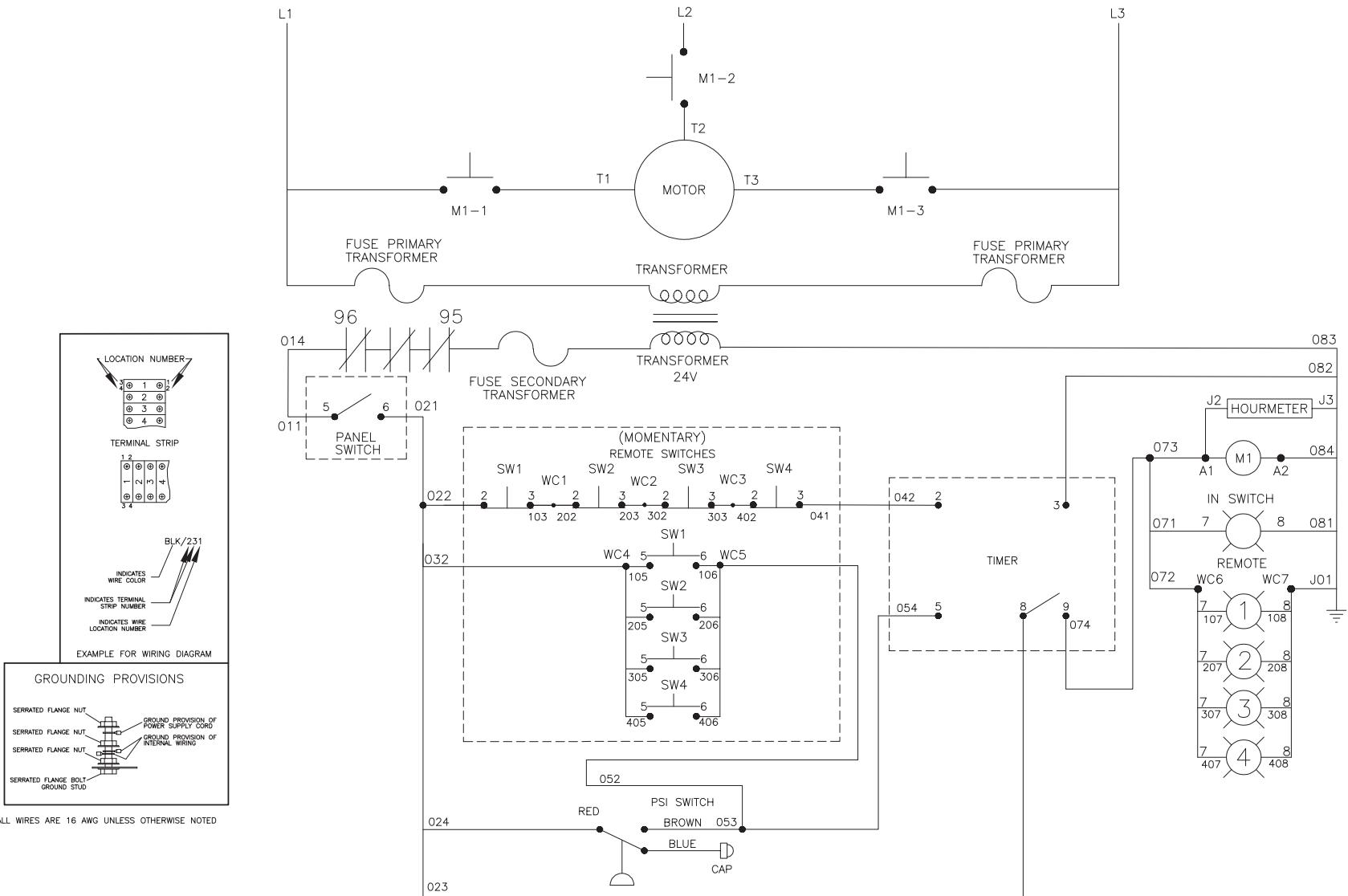
WIRING SCHEMATIC - CX-0078/CX-0109 MULTI REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



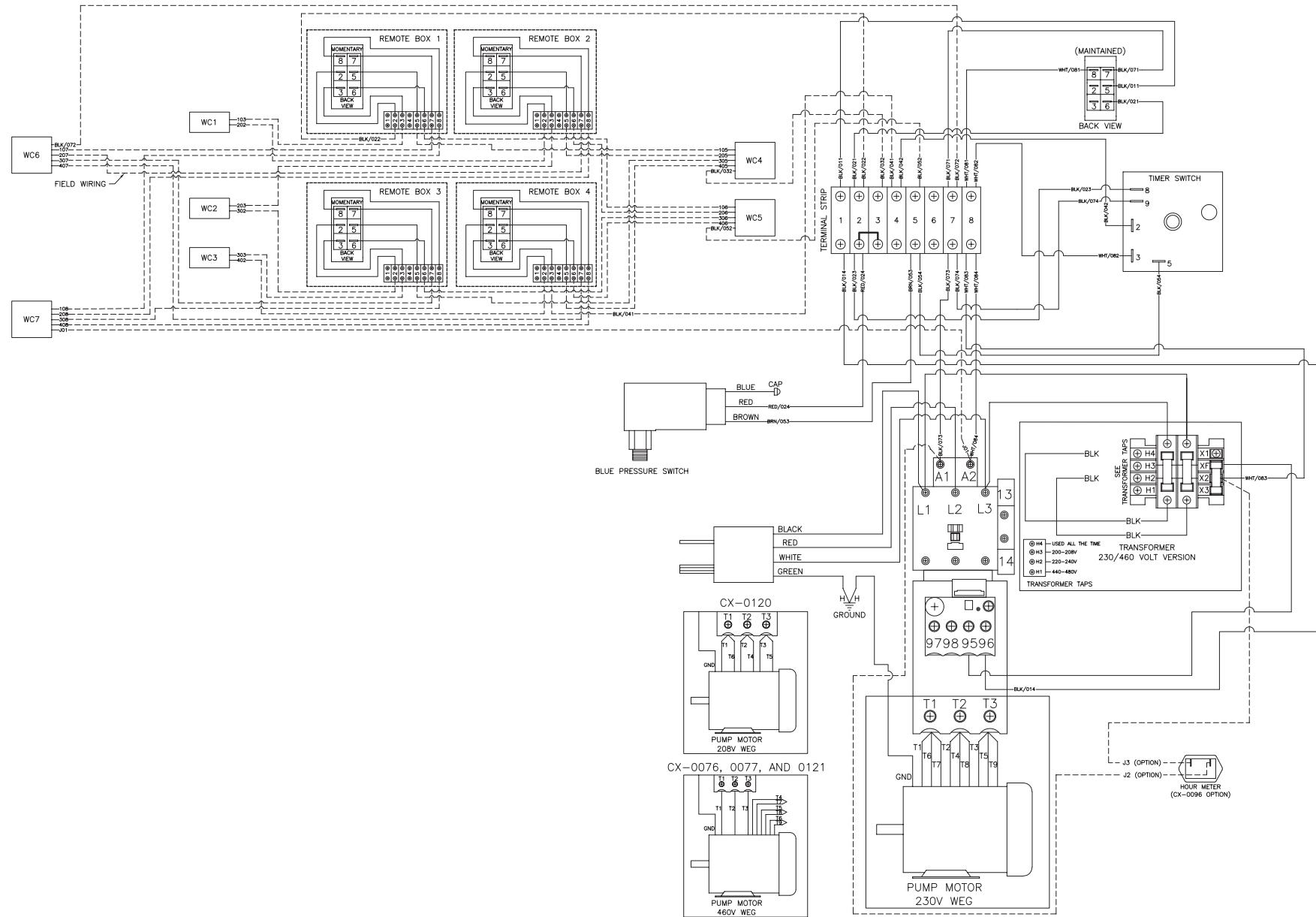
# WIRING DIAGRAM - CX-0078/CX-0109 MULTI REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



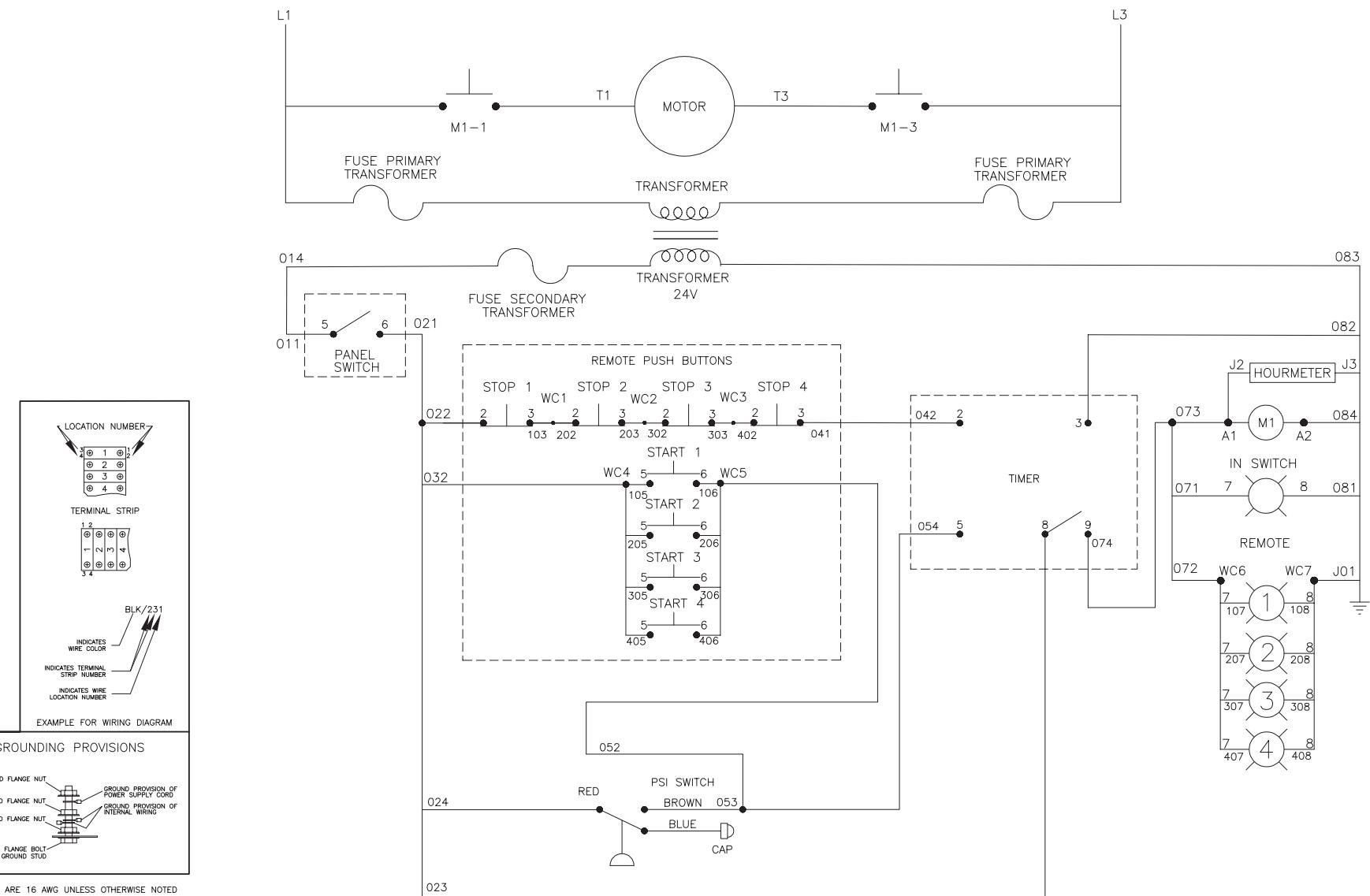
WIRING SCHEMATIC - CX-0078/CX-0109 MULTI REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



## **WIRING DIAGRAM - CX-0078/CX-0109 MULTI REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)**

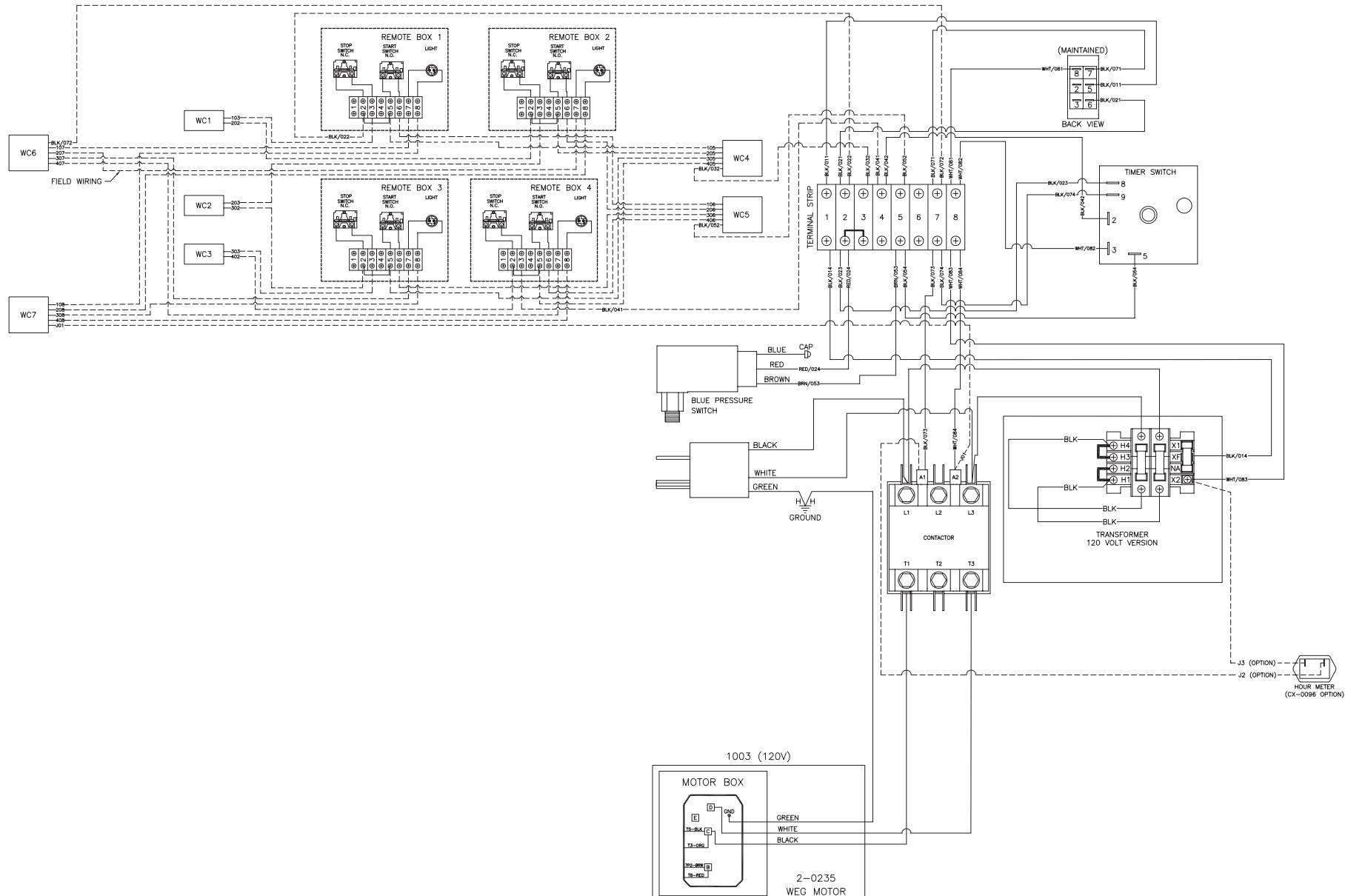


# WIRING SCHEMATIC - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)

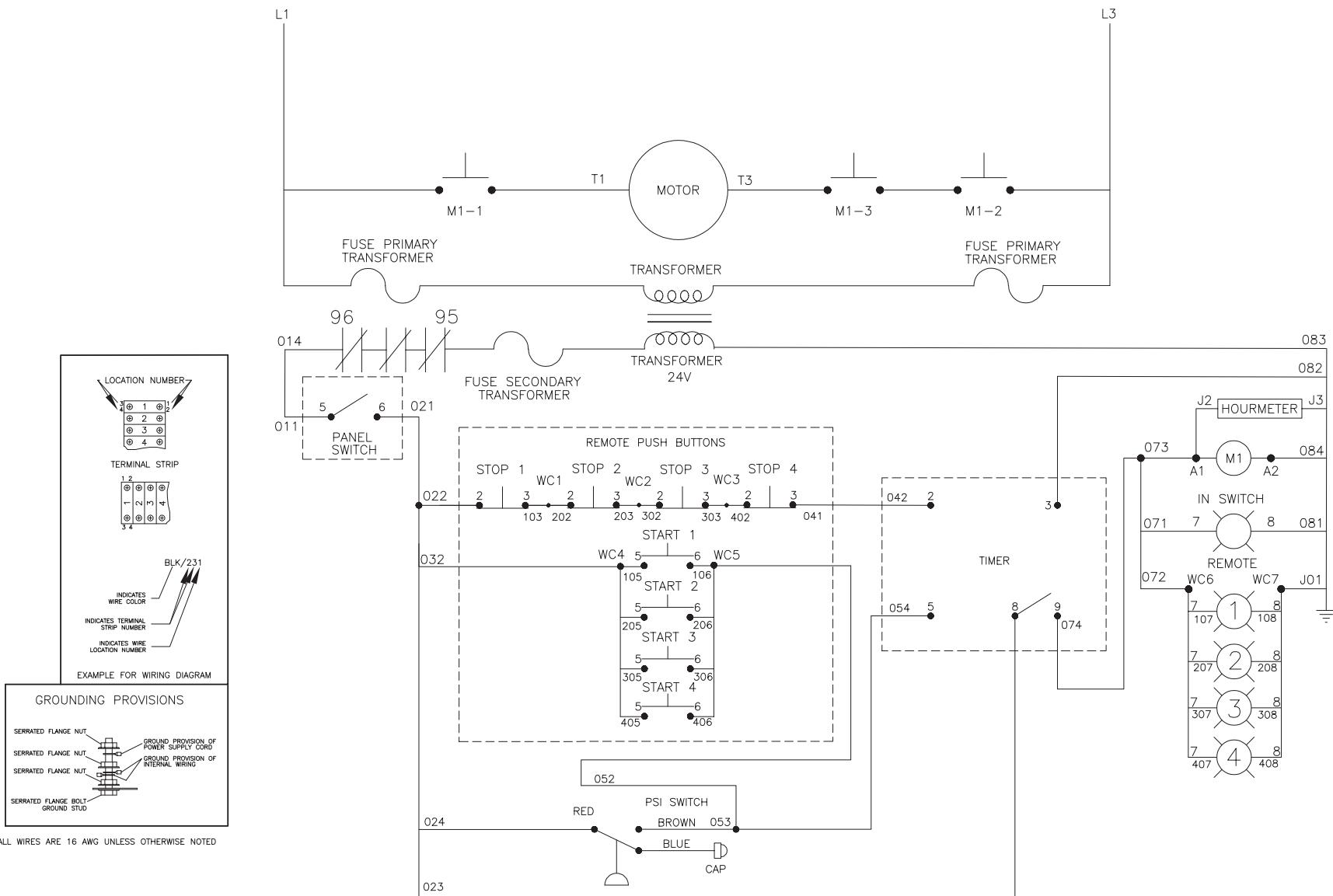


WS - CX-0114-115 MULTI RB 1003 1PH (CX-0096) 02/822

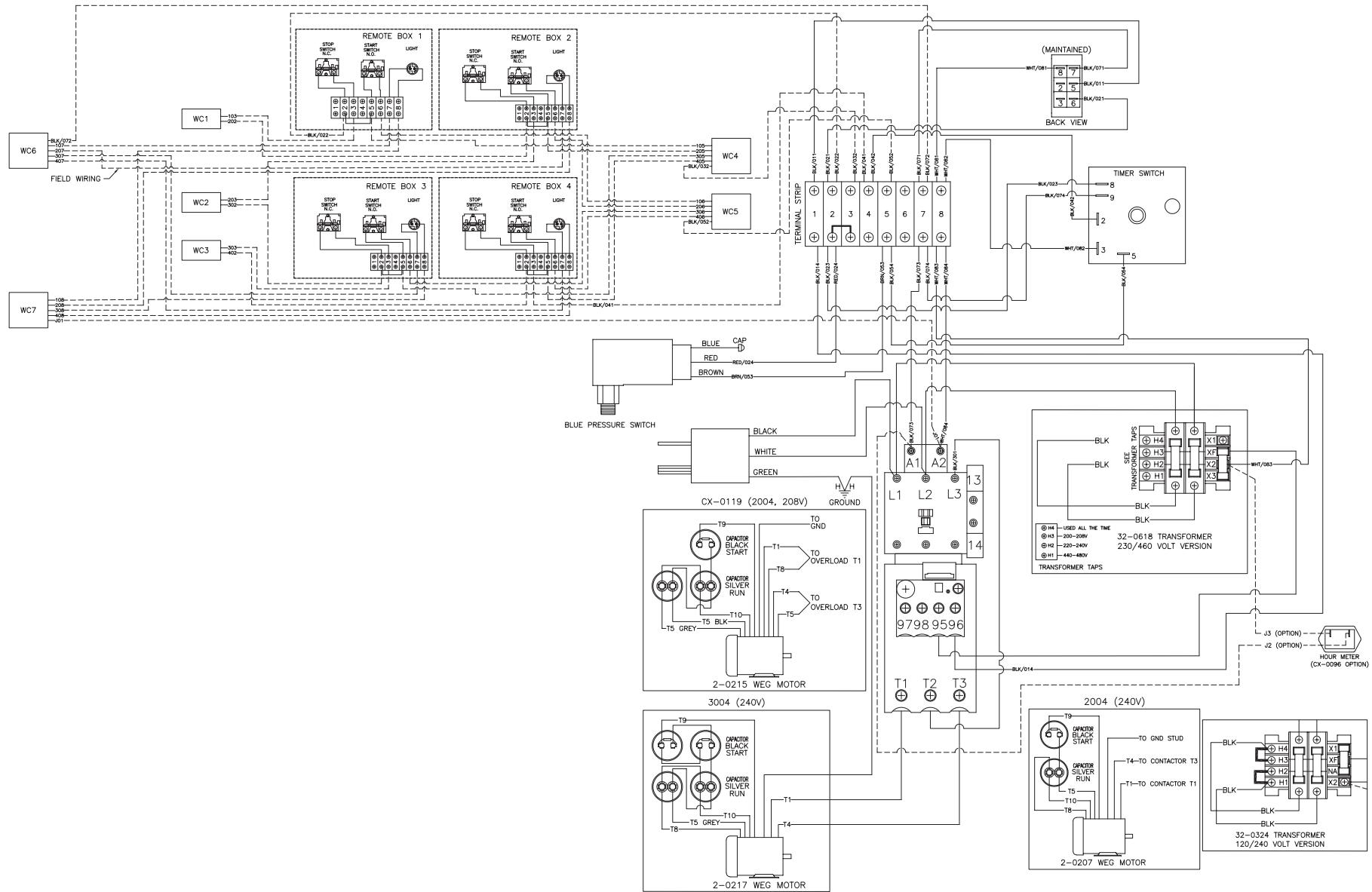
# WIRING DIAGRAM - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



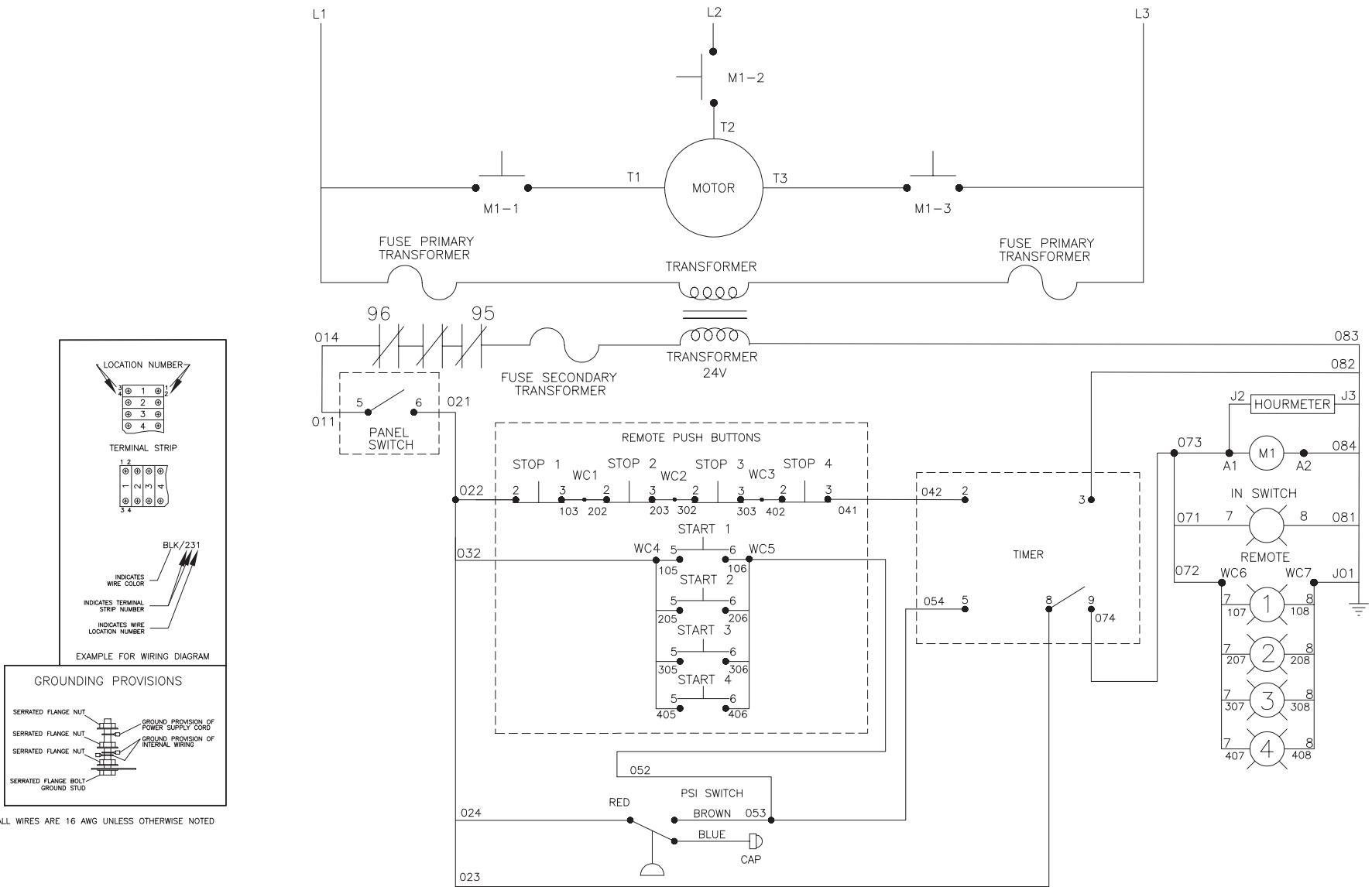
WIRING SCHEMATIC - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



WIRING DIAGRAM - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)

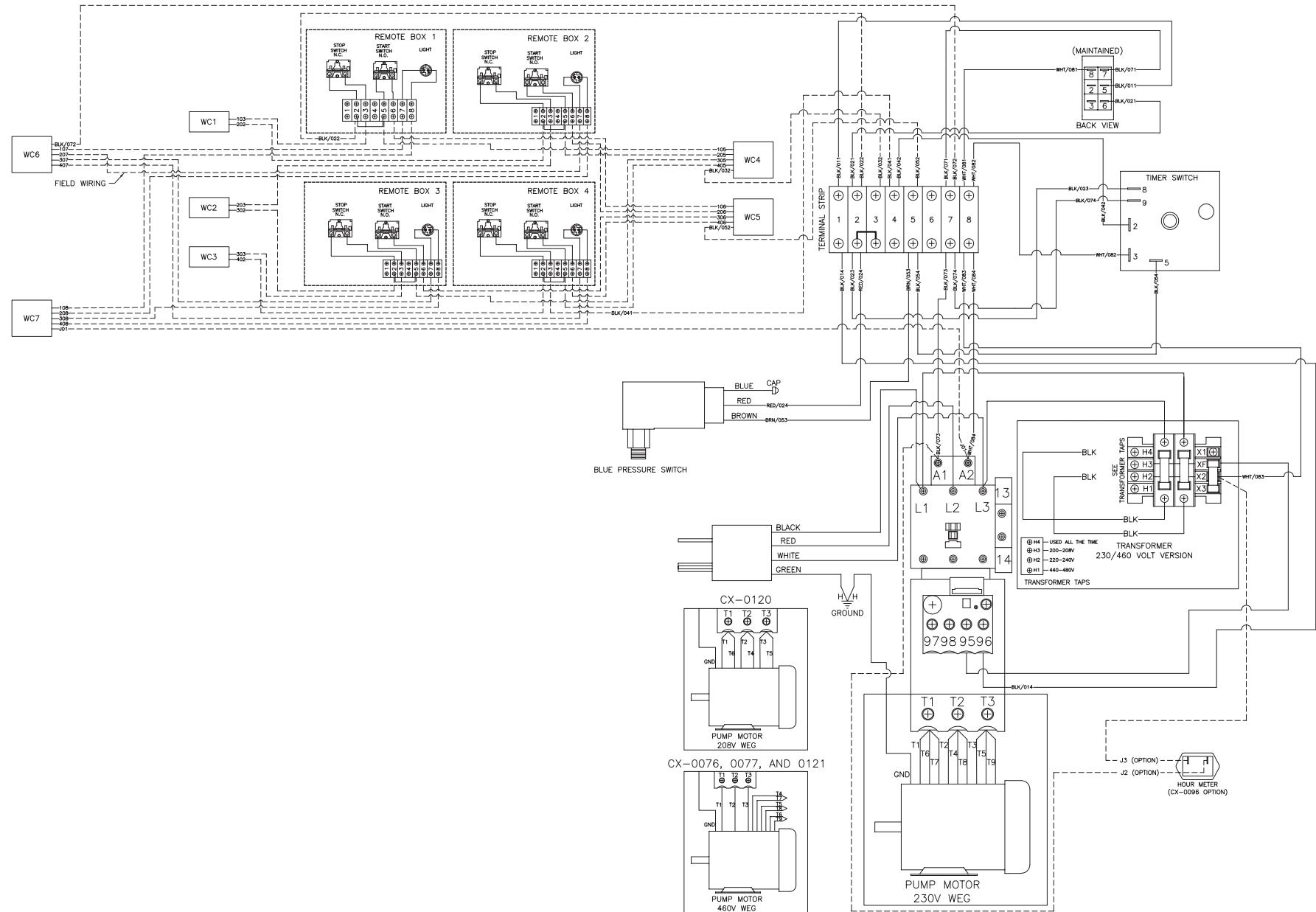


WIRING SCHEMATIC - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)

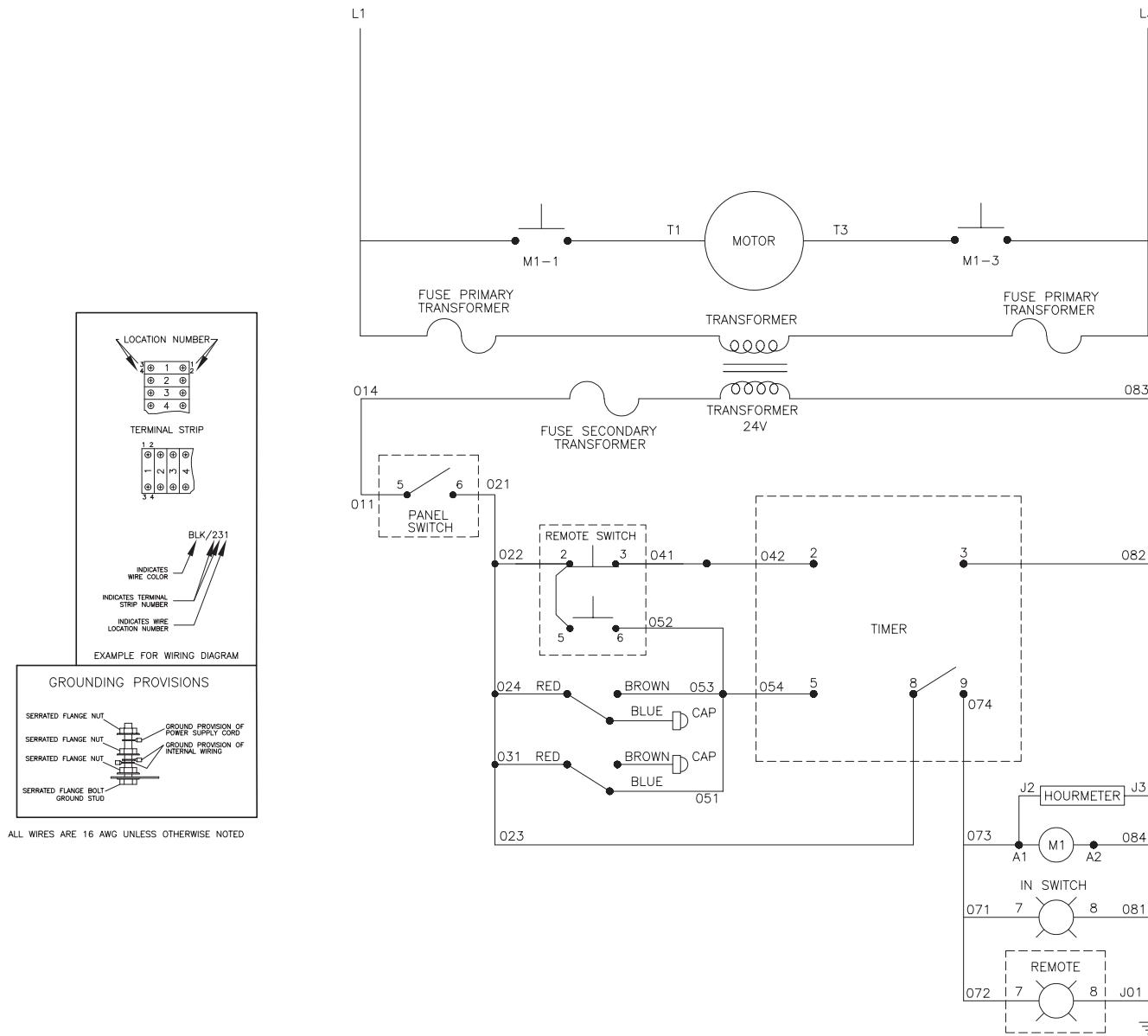


WS - CX-0114-115 MULTI RB 3PH (CX-0076\_077\_096\_120\_121)021722

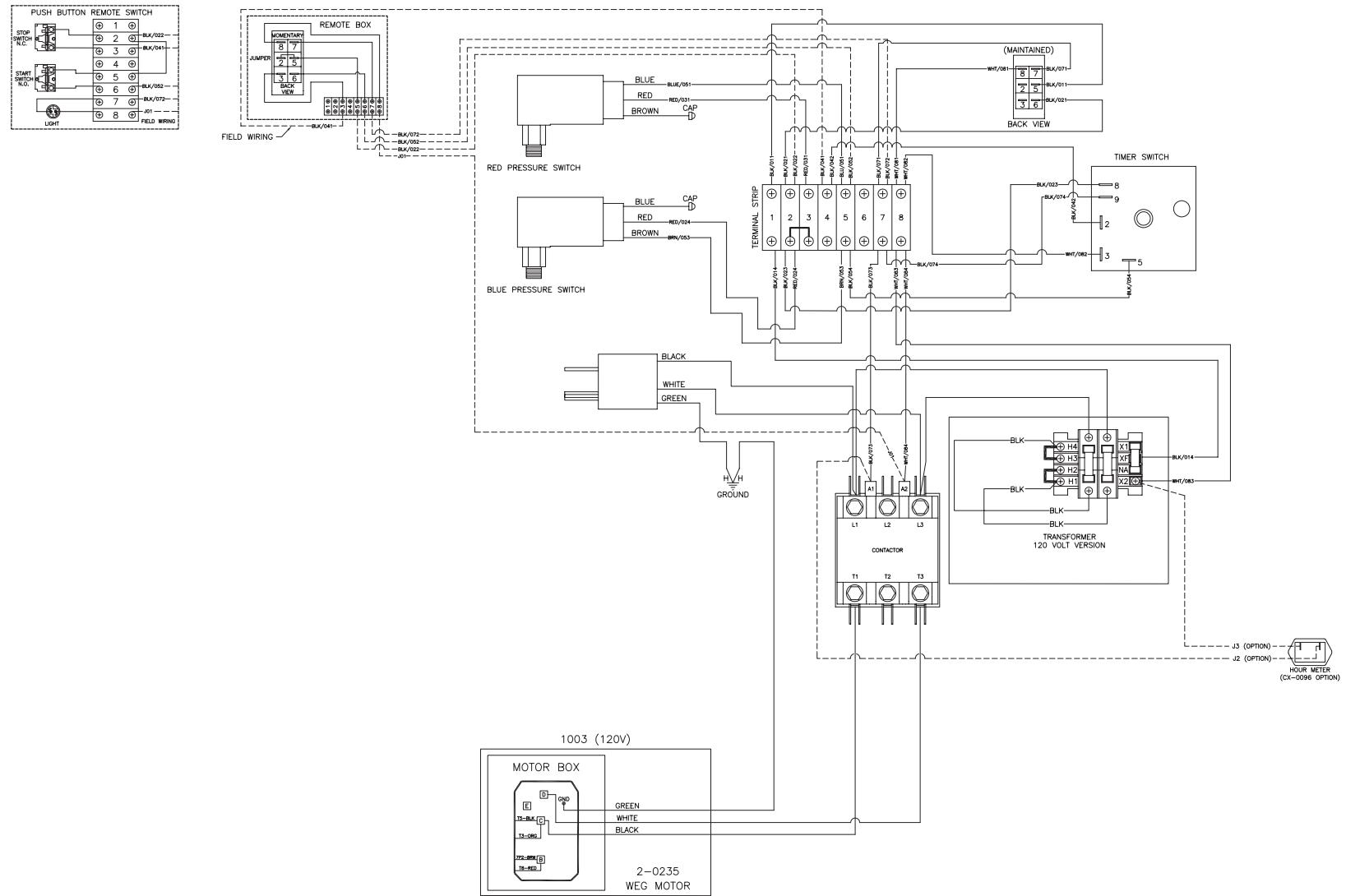
WIRING DIAGRAM - CX-0114/CX-0115 MULTI METAL REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



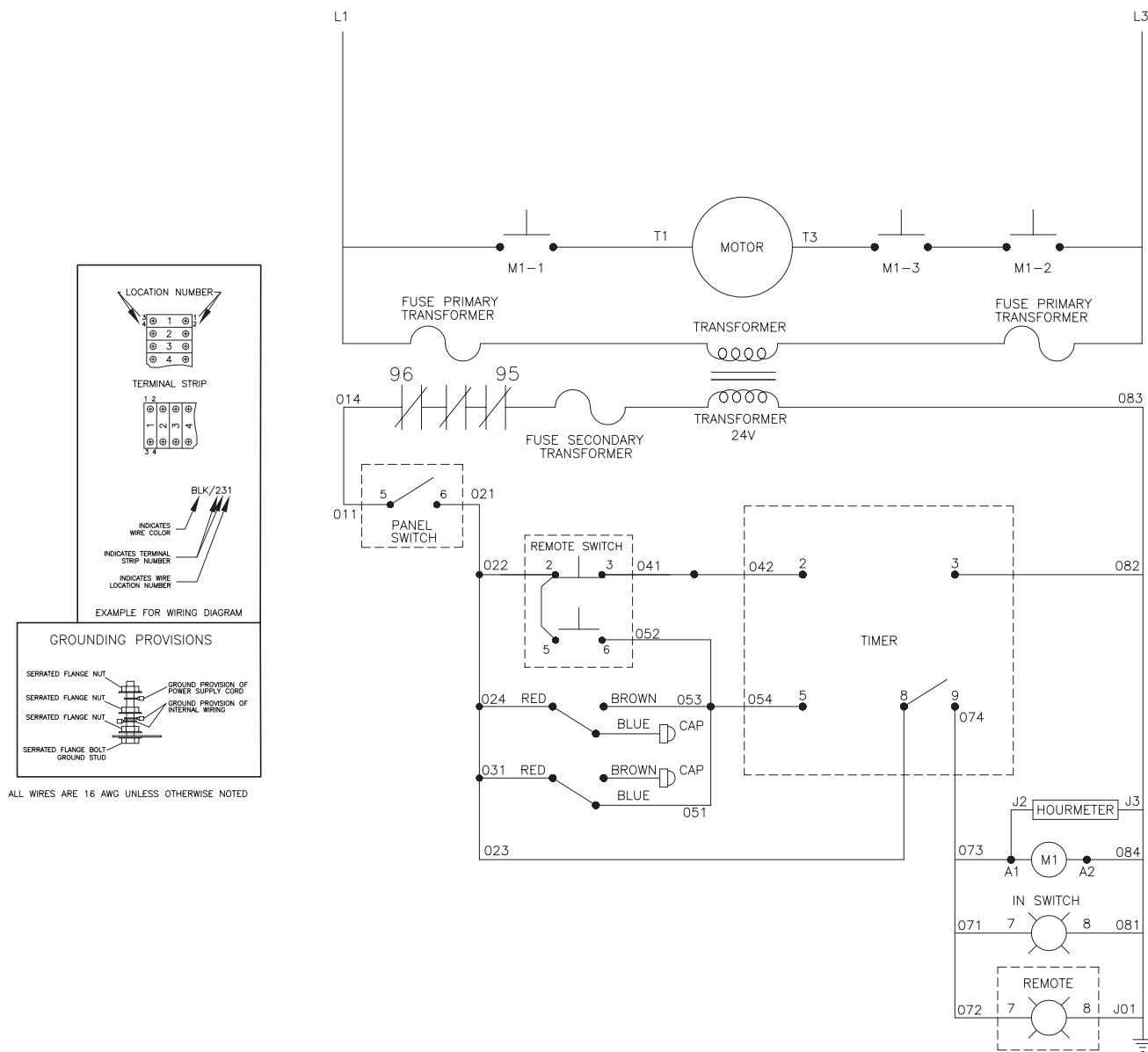
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



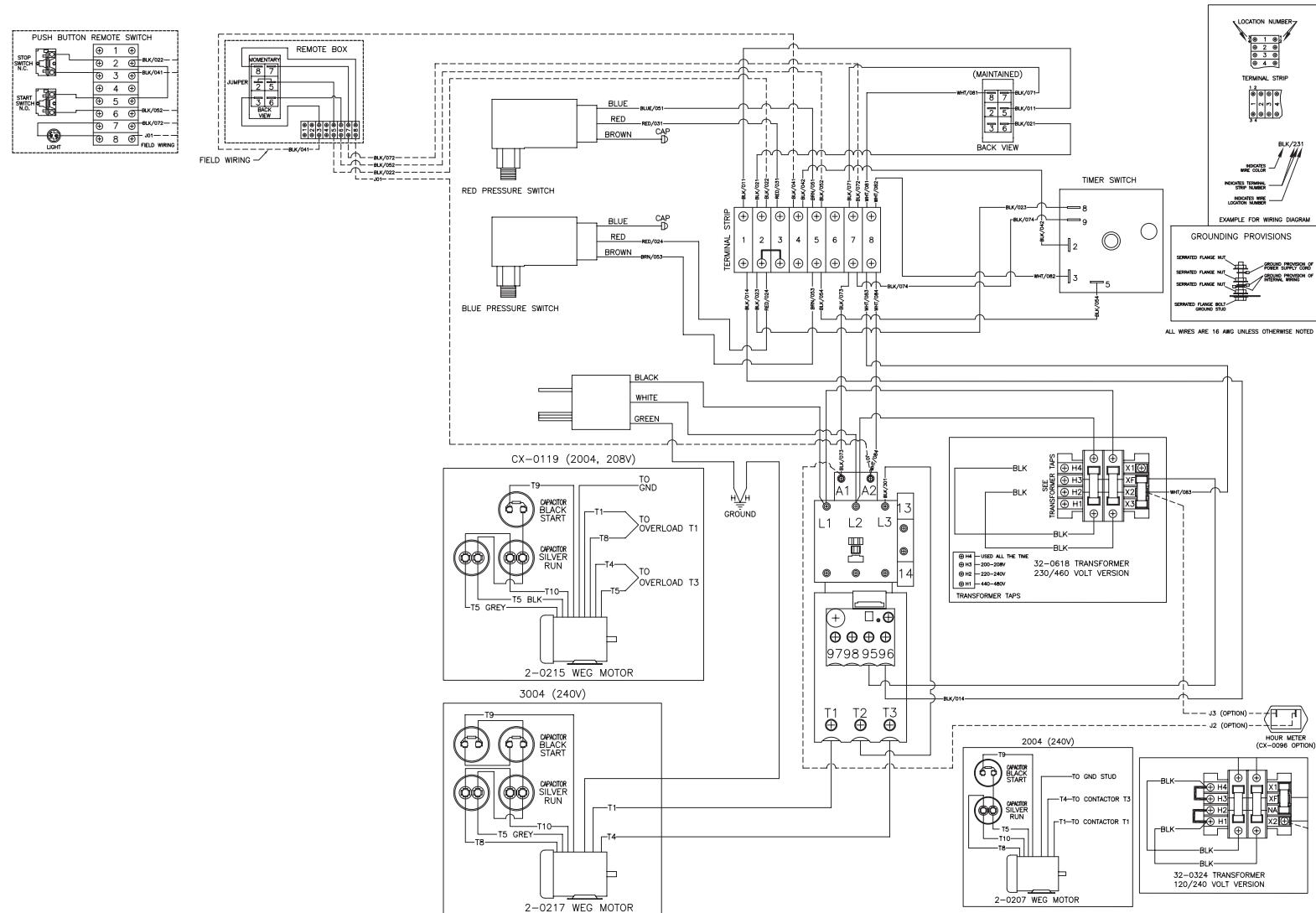
WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



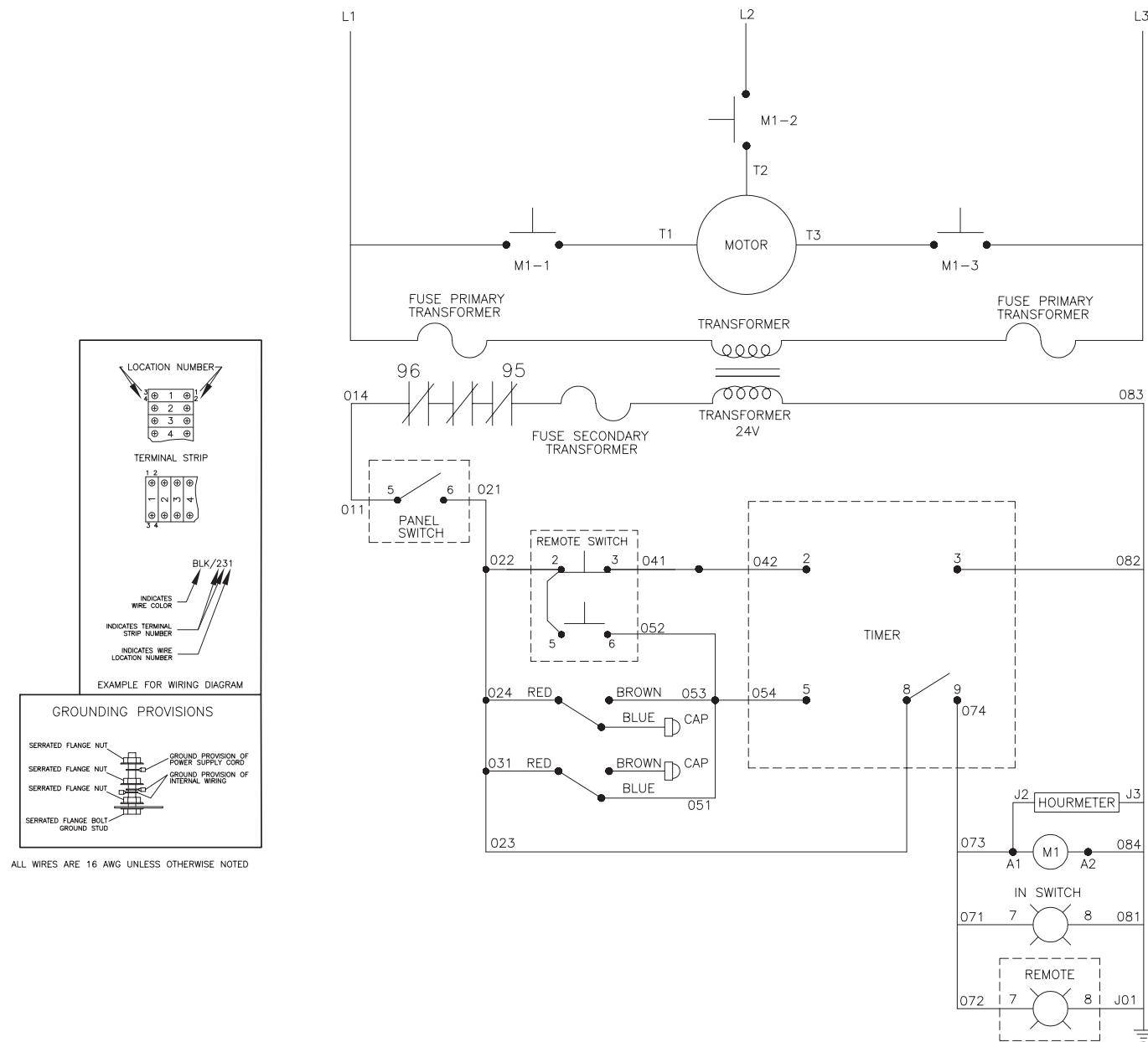
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



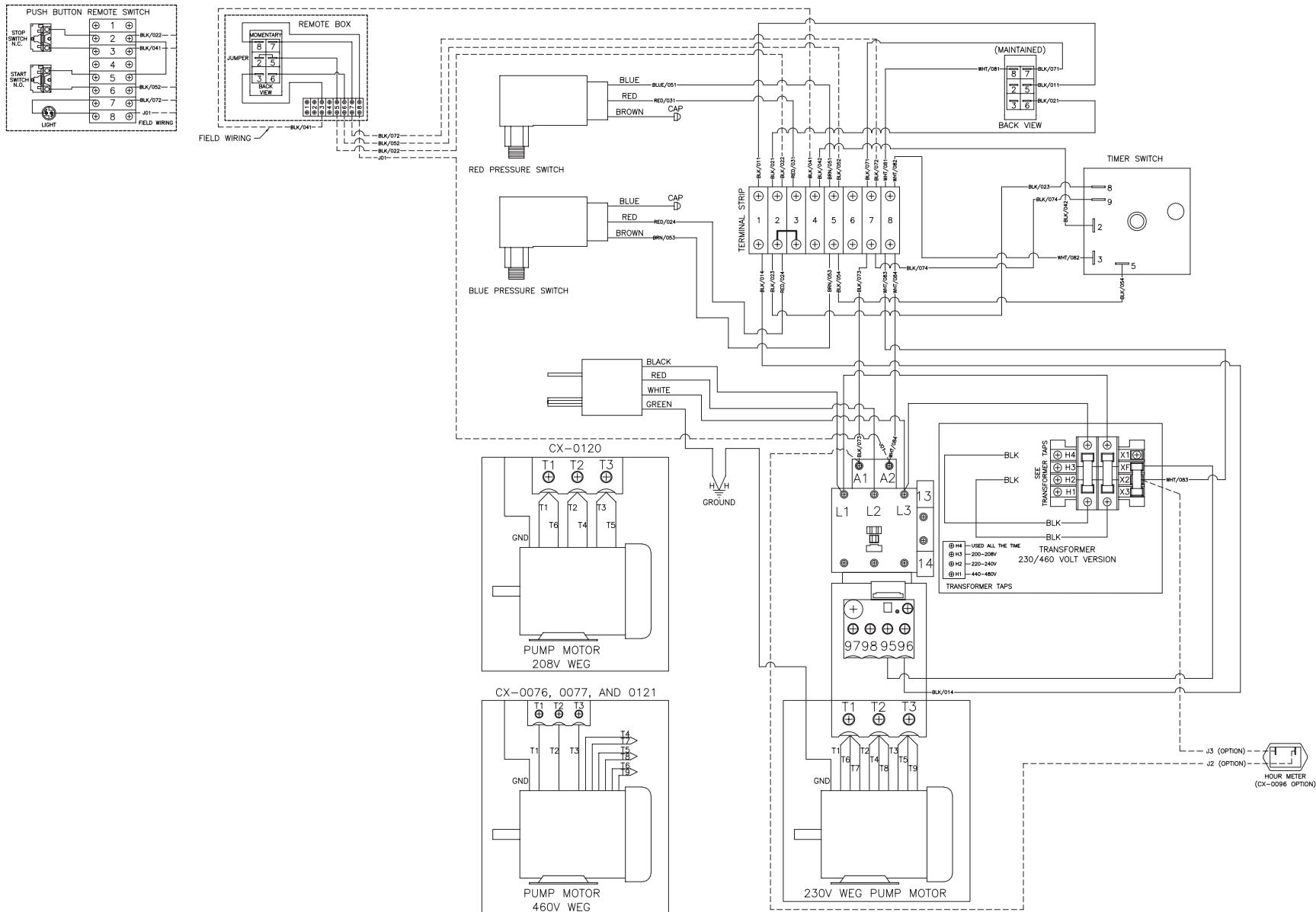
WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



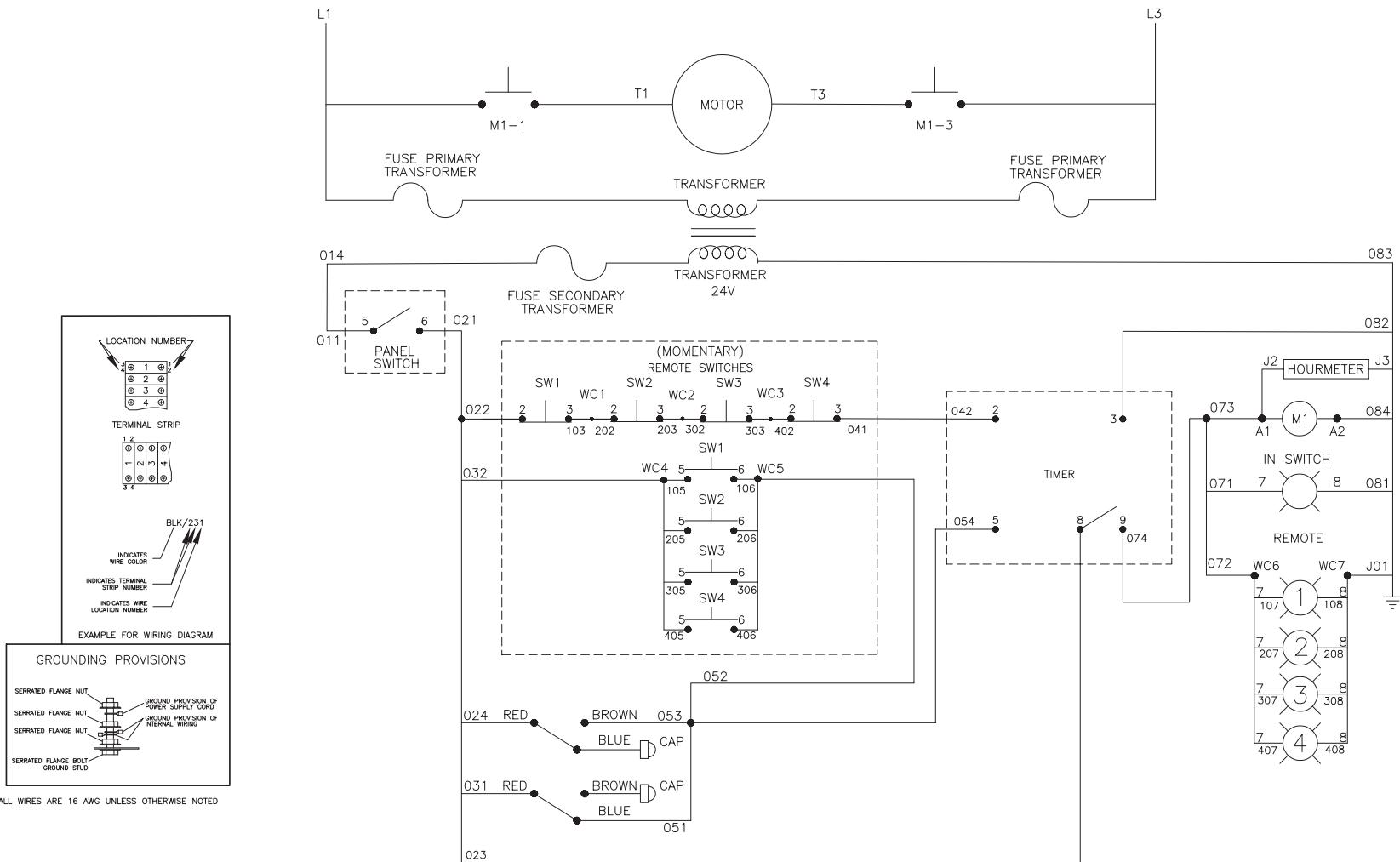
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



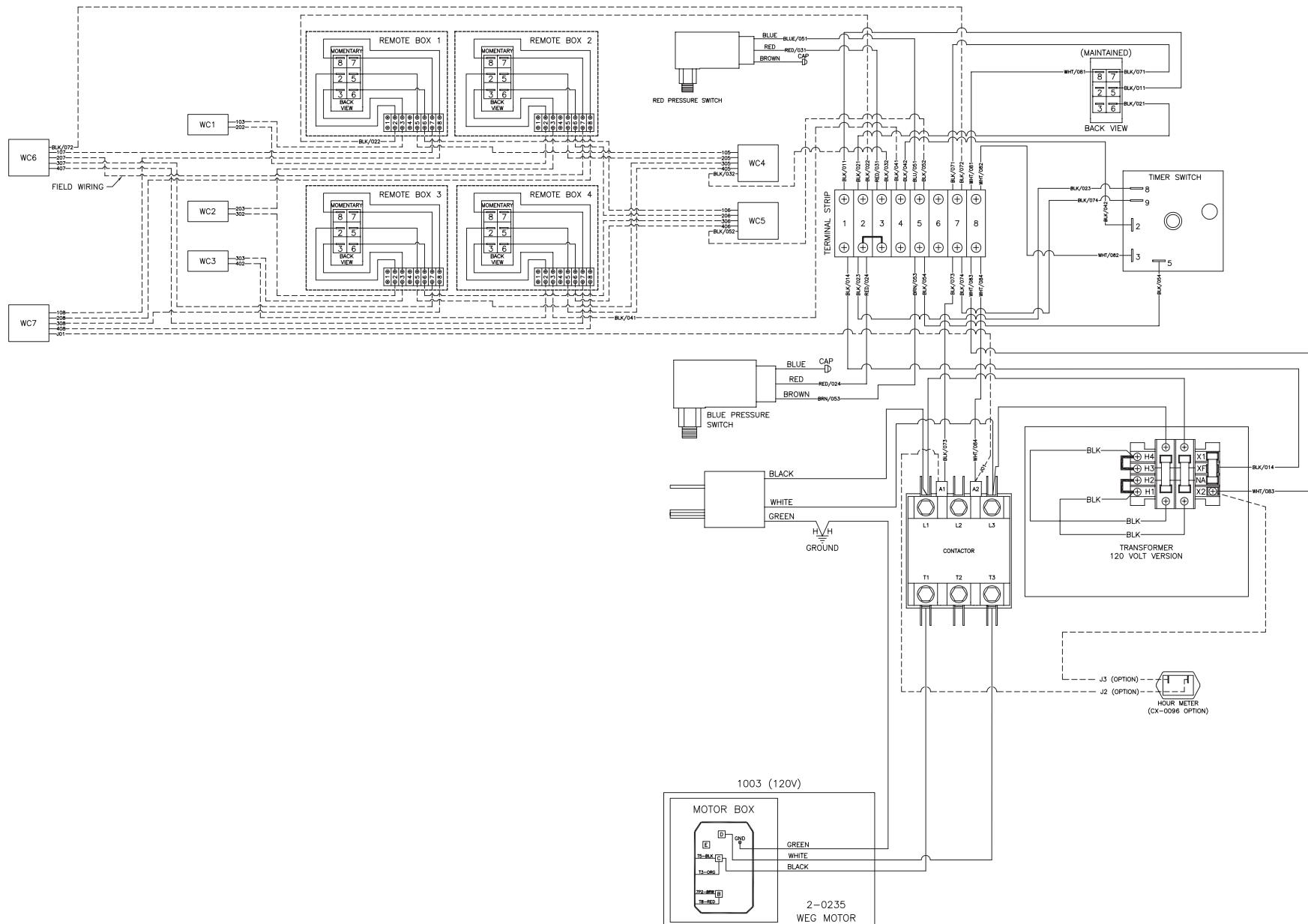
WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0114 REMOTE BOX 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



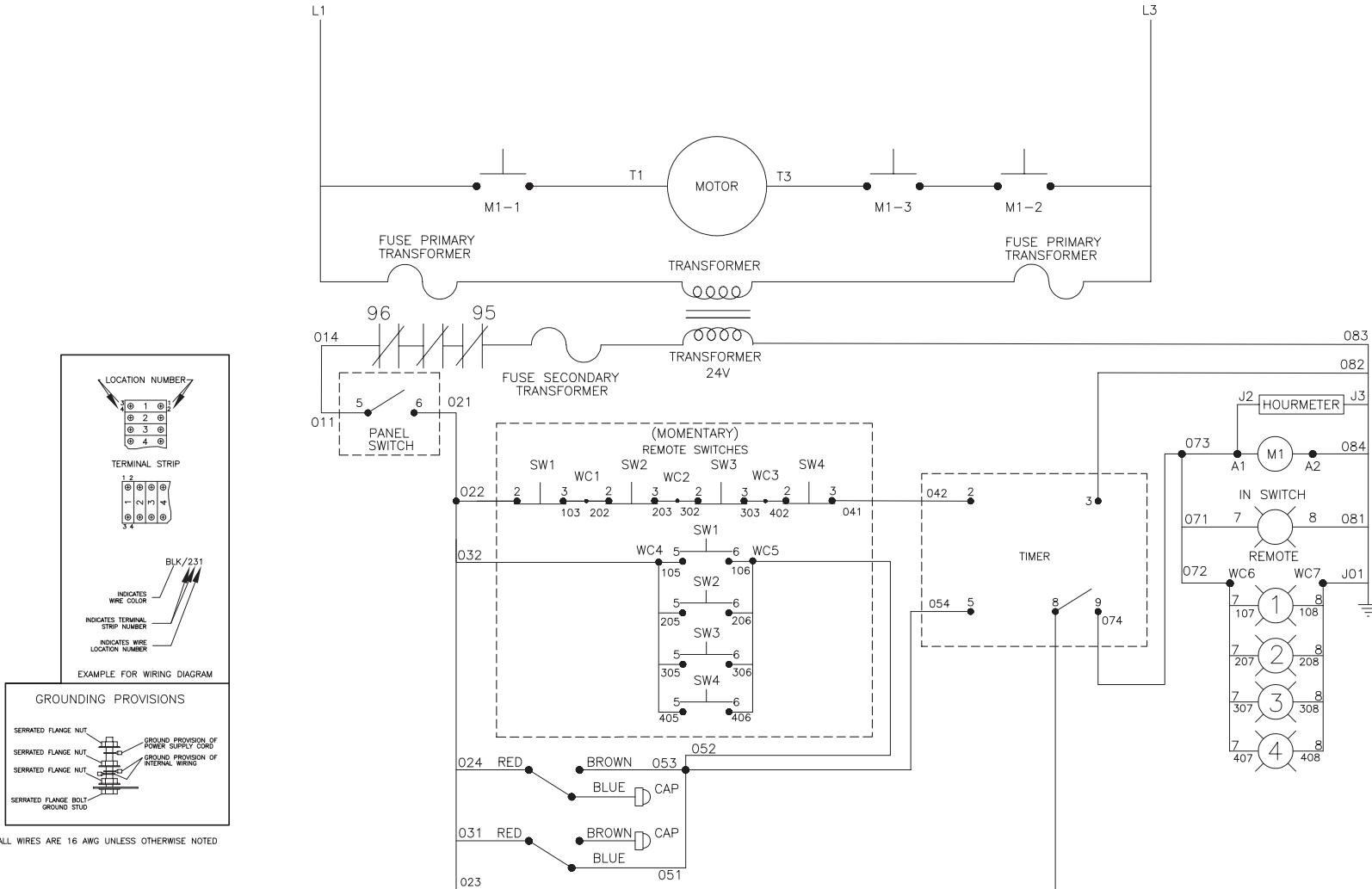
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 1003 1 PHASE (CX-0096)(AFTER SERIAL #11357607)



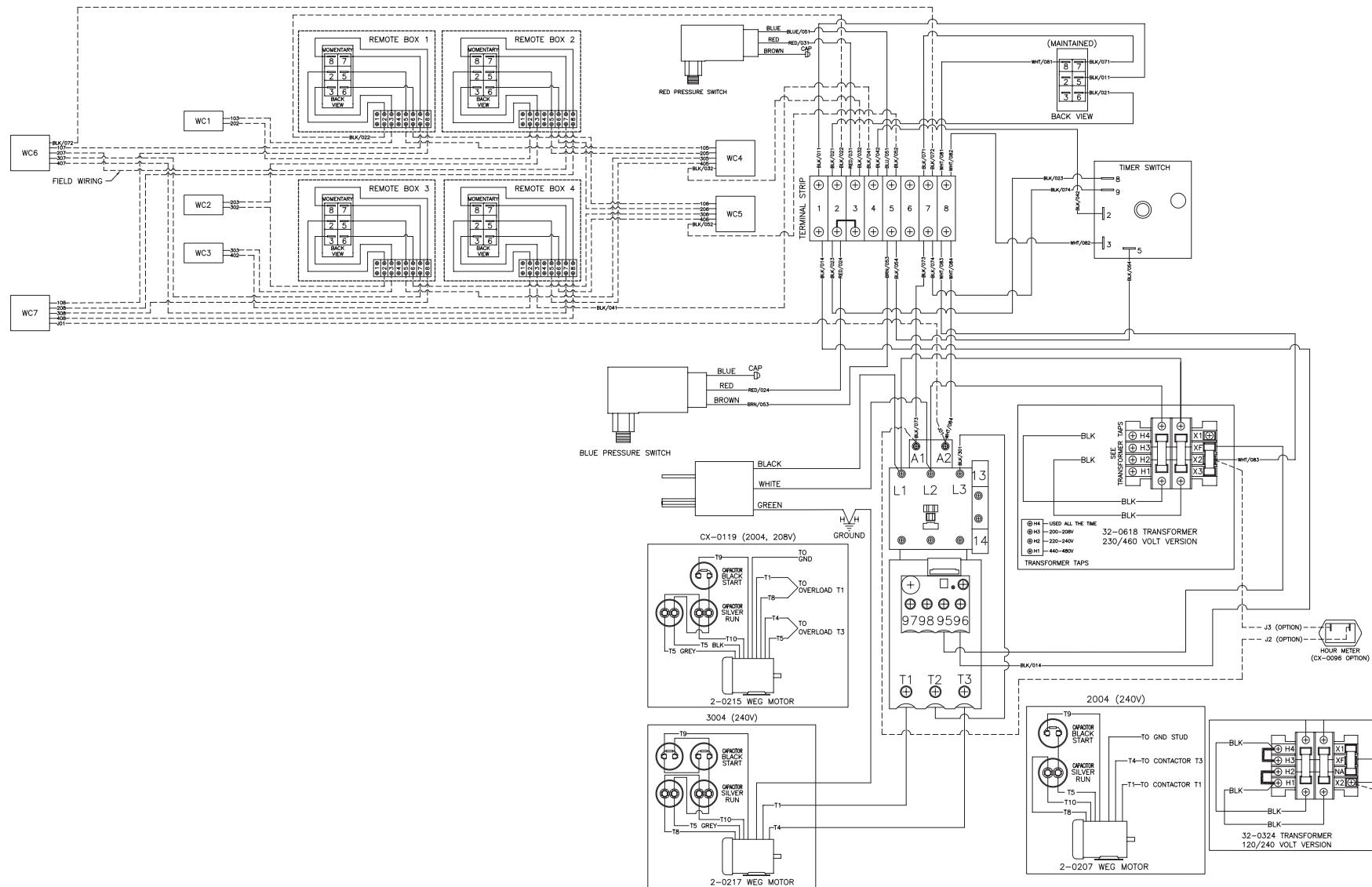
WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



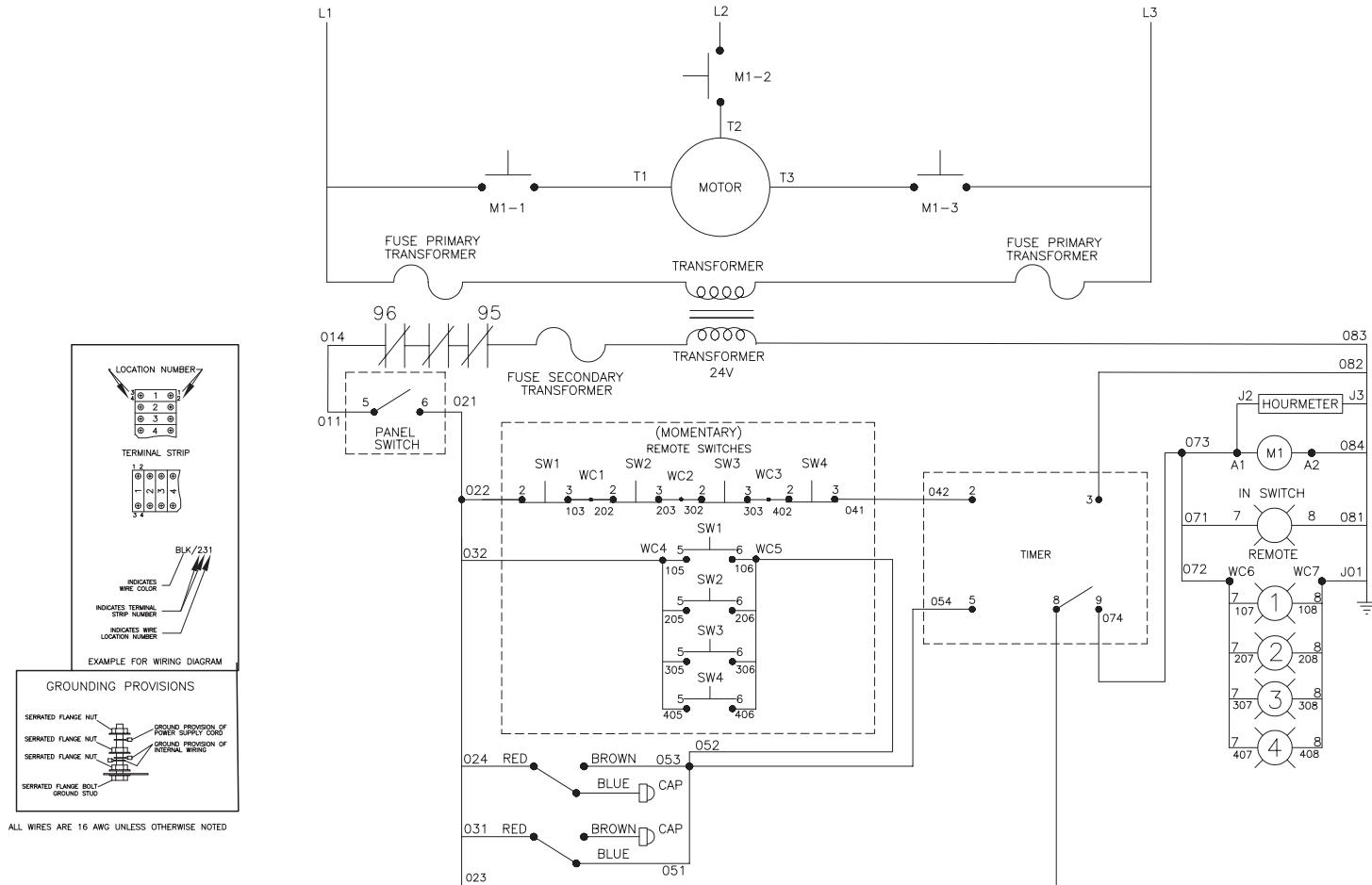
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)

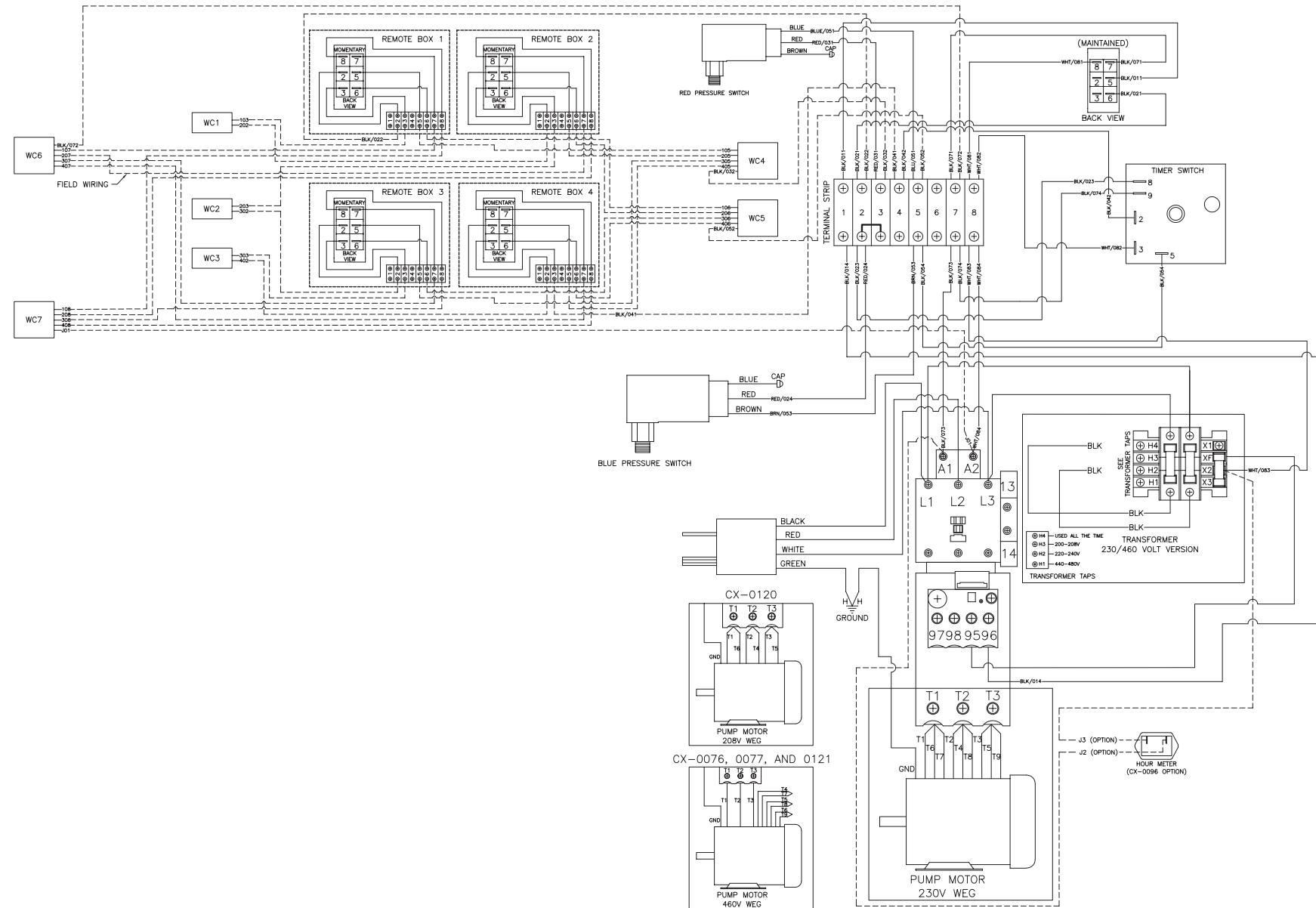


WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)

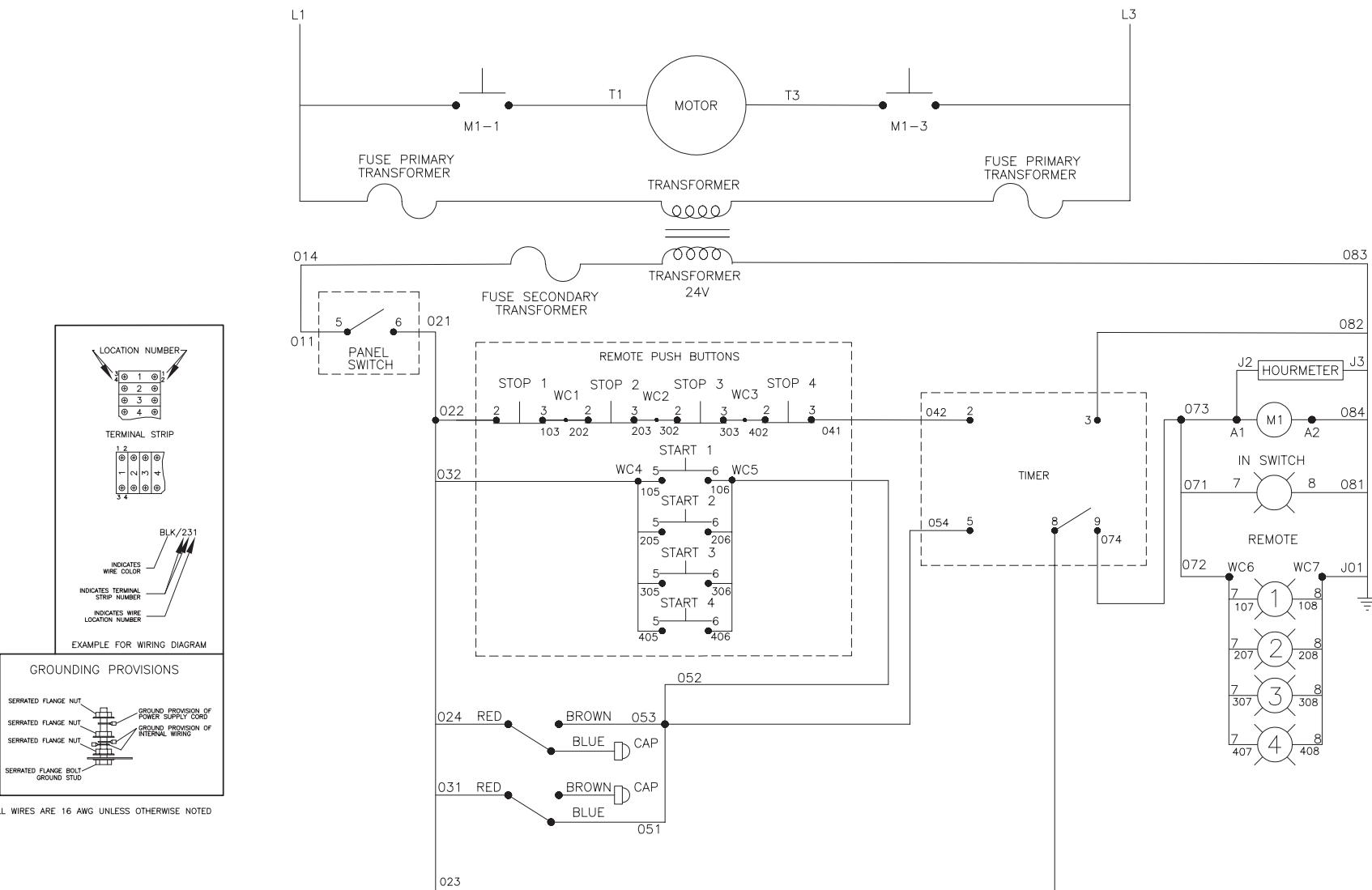


WS - CX-0069\_78\_109 AUTO SS, MULTI RB 3PH (CX-0076, 077, 096, 120, 121) 021622

WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0078/CX-0109 MULTI REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)

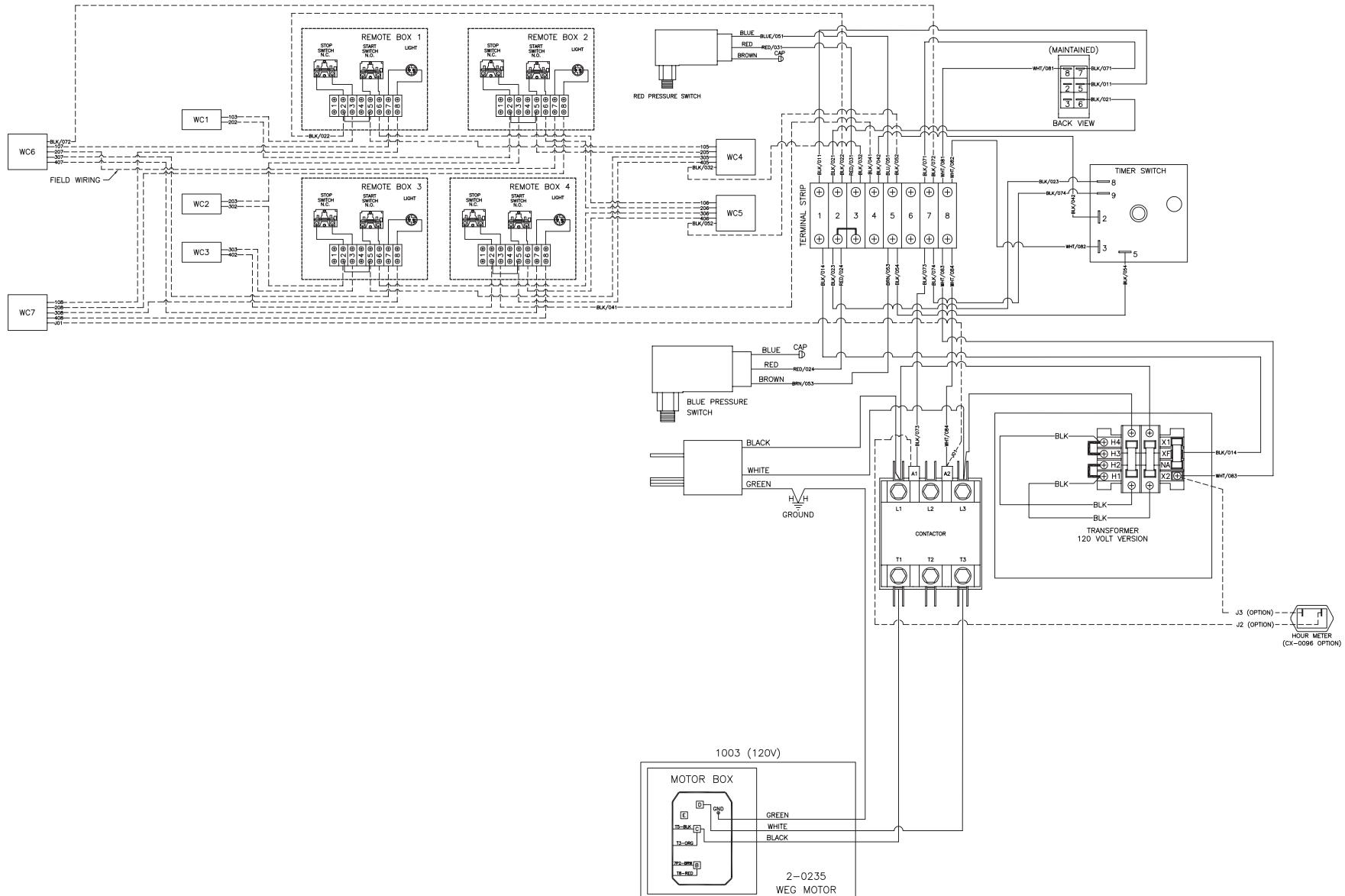


WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)

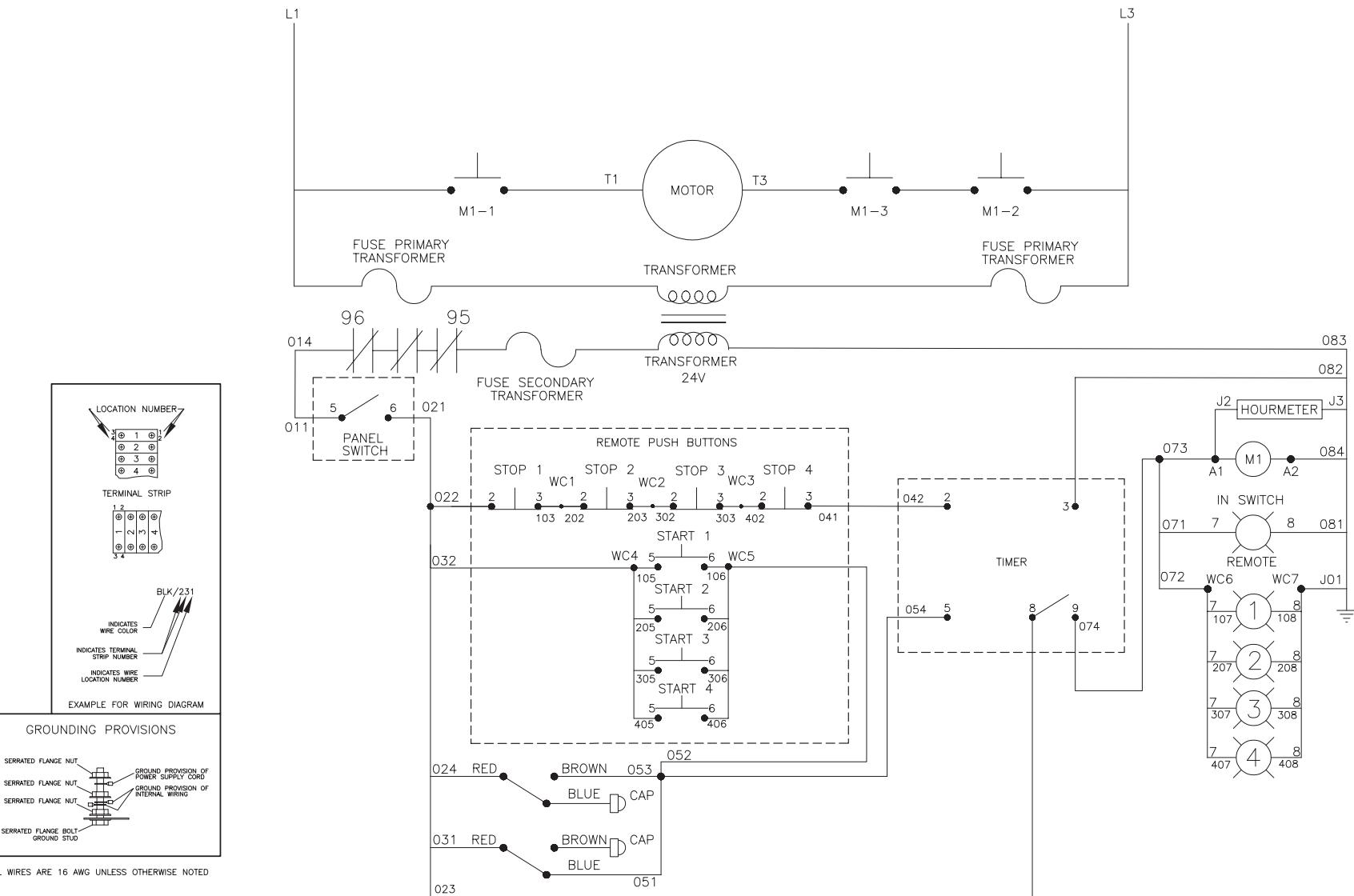


WS - CX-0069\_114\_115AUTO SS, MULTIRB 1003 1PH (CX-0096) 021822

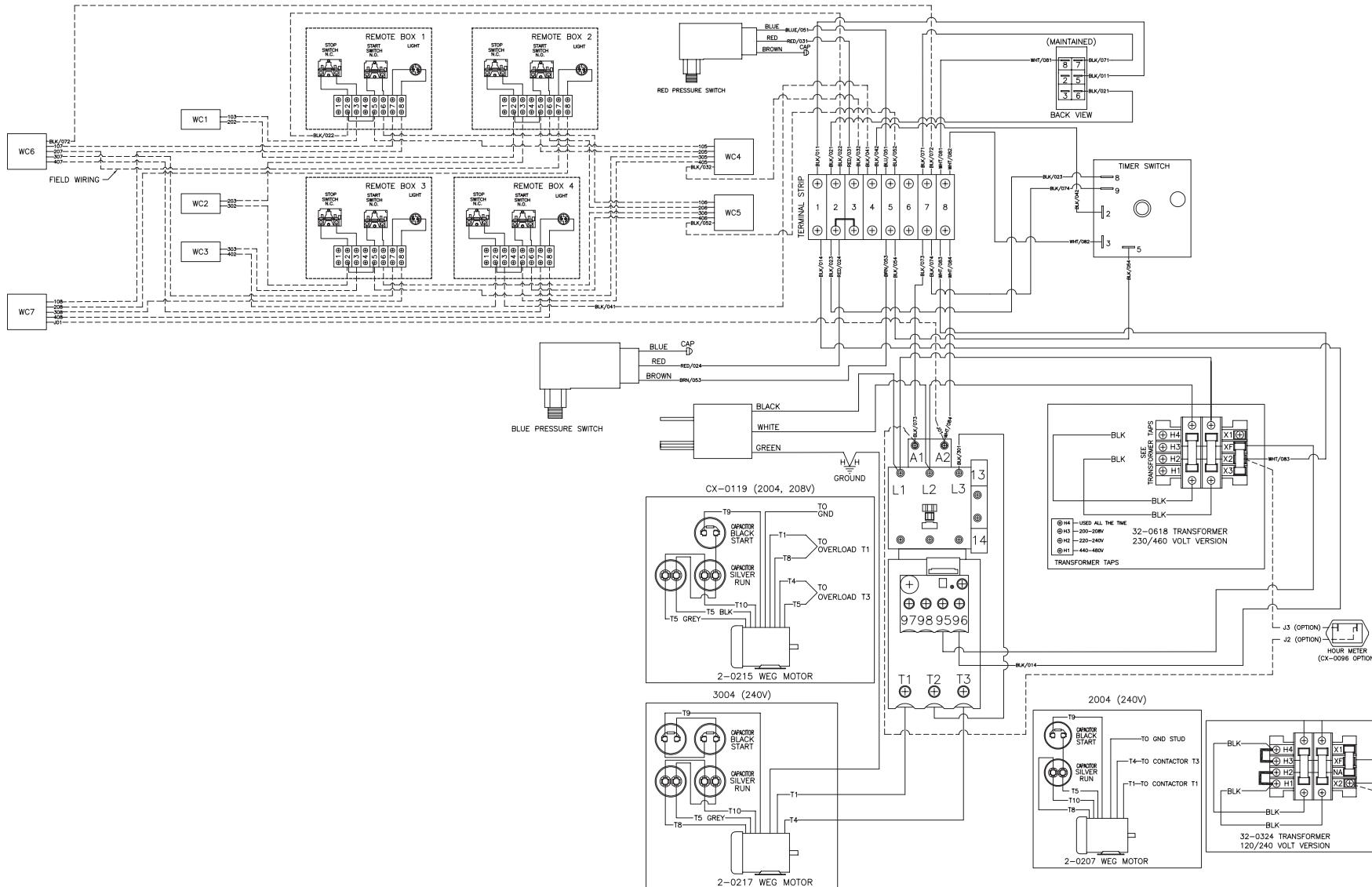
WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 1003 1 PHASE (CX-0096) (AFTER SERIAL #11357607)



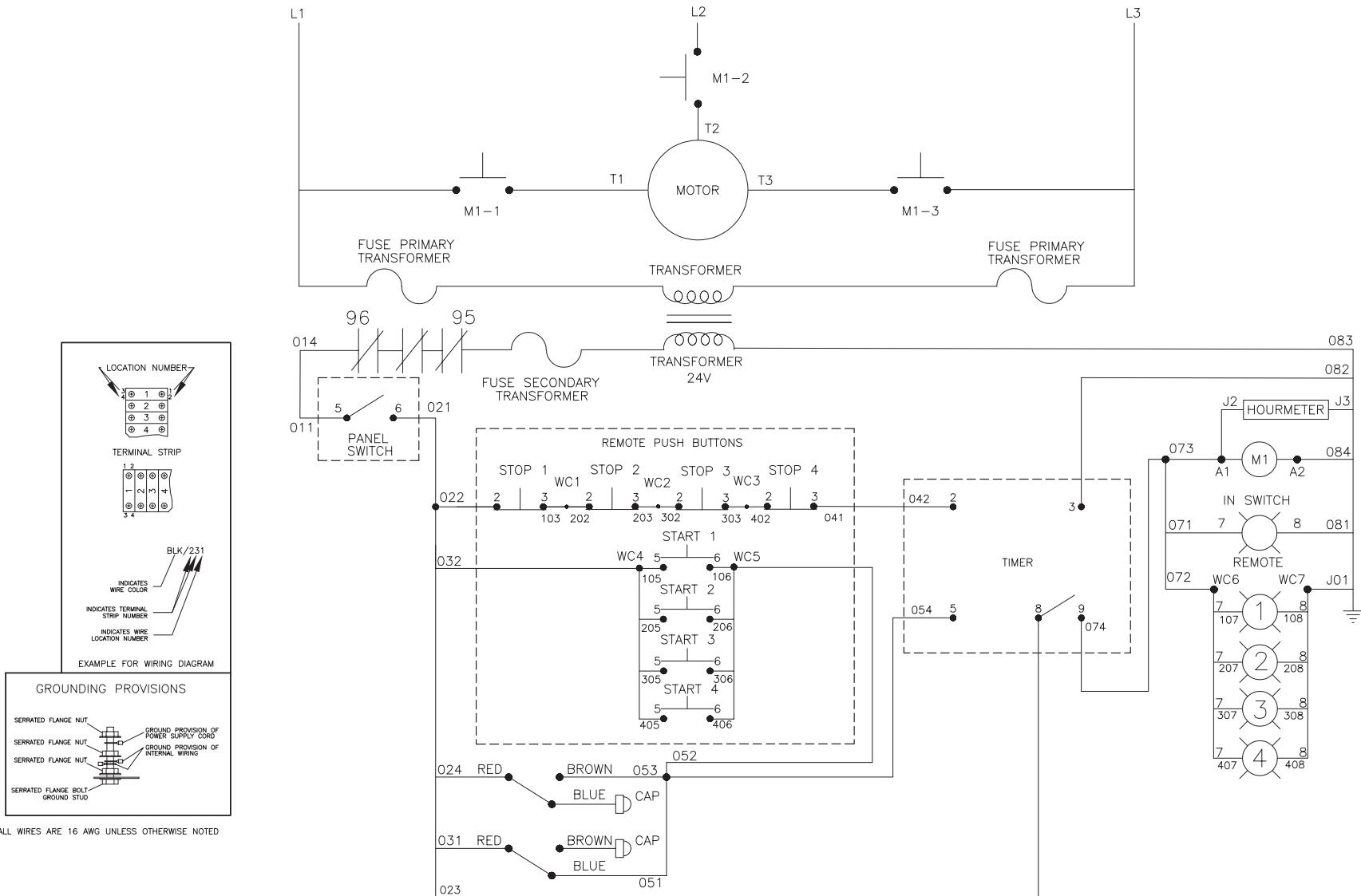
WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 2004\_3004 1 PHASE (CX-0096 AND CX-0119) (AFTER SERIAL #11351284)



WIRING SCHEMATIC - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)



WIRING DIAGRAM - CX-0069 AUTO START/STOP AND CX-0114/CX-0115 MULTI METAL REMOTE BOX, 3 PHASE (CX-0076, CX-0077, CX-0096, CX-0120, AND CX-0121) (AFTER SERIAL #11361870)

