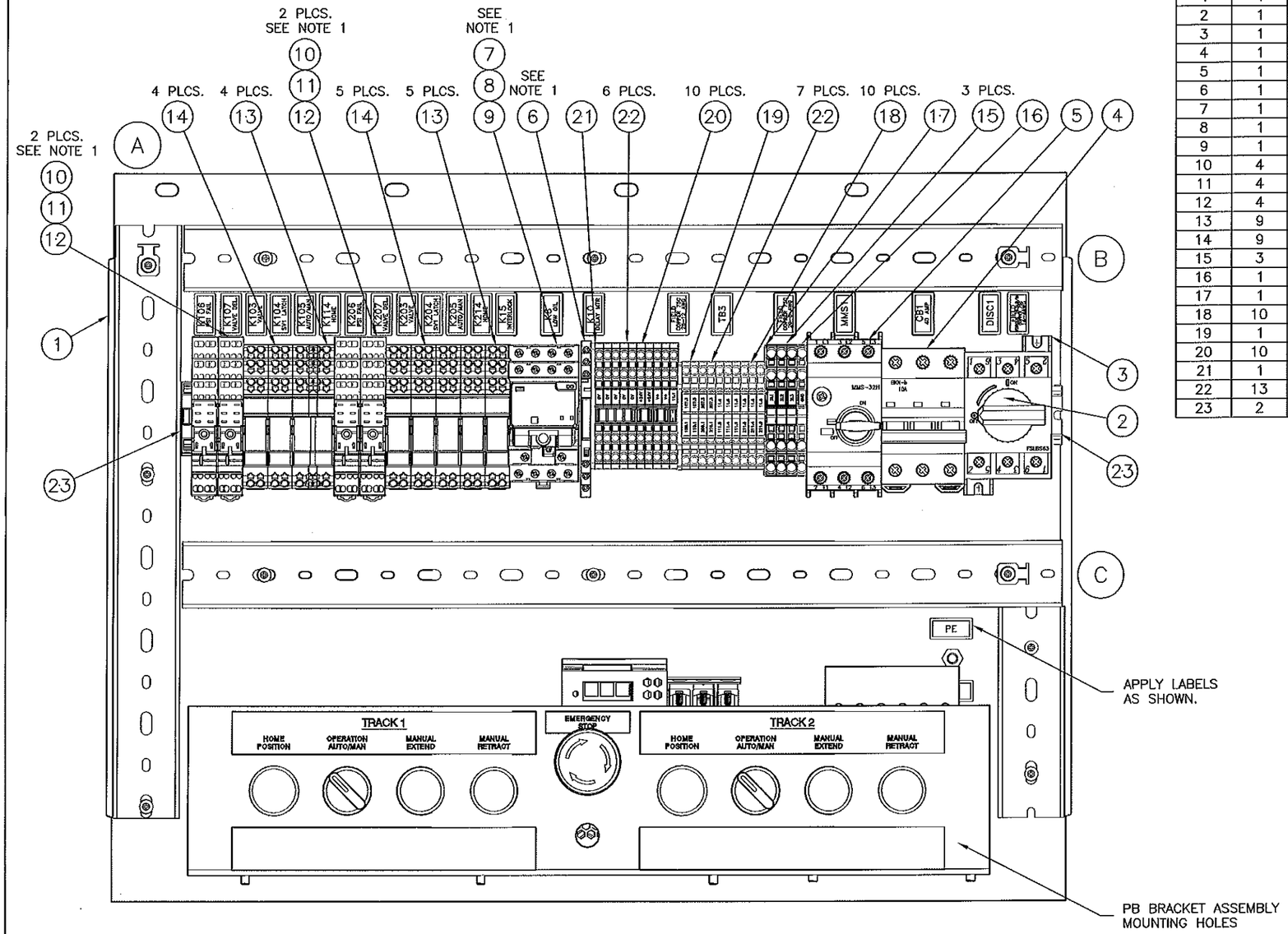
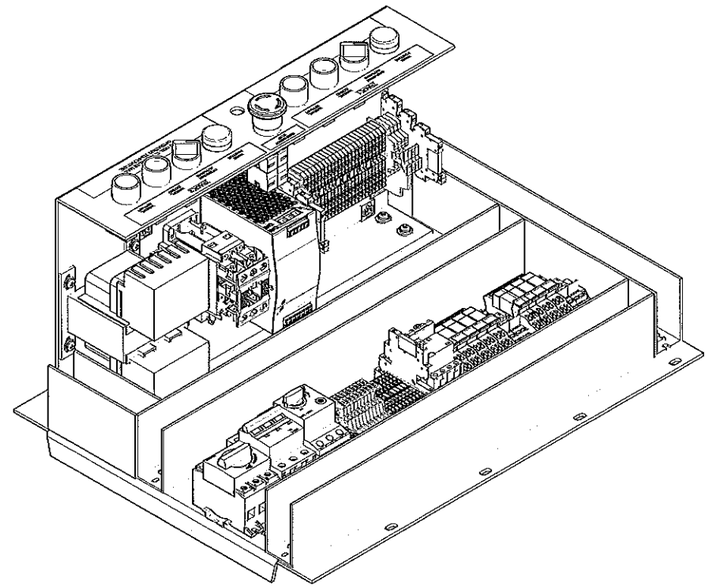


ITEM	QTY.	MFG./VENDOR	PART NUMBER	DESCRIPTION
1	1	I-TECH	TSI514-013	MAIN PANEL LAYOUT
2	1	SOCOMEC	22995012	HANDLE, DIRECT MOUNT, UL508
3	1	SOCOMEC	22003006	LOAD SWITCH, 3P, 63A, UL508
4	1	ELECTRO-MEC	BKNB-3P-C10	BREAKER, 2P, 40A, CURVE D, MINI
5	1	ELECTRO-MEC	MMS-32H-8A	MANUAL MTR. STARTER, 5-8A RANGE
6	1	FINDER	39.81.0.024.0060	RELAY, TIMER, SPDT, 6A, 24VAC/DC COIL
7	1	FINDER	96.04.0	BASE, RELAY, 56 SERIES, DIN MNT.
8	1	FINDER	56.34.9.024.0000	RELAY, 4PDT, 12A, 24VDC COIL
9	1	FINDER	86.00.0.024.0000	TIMER MODULE, ON/OFF DELAY
10	4	FINDER	97.52SPA	BASE, RELAY, 46 SERIES, DIN MNT.
11	4	FINDER	45.52.9.024.0040	RELAY, DPDT, 8A, 24VDC COIL
12	4	FINDER	86.30.0.024.0000	TIMER MODULE, ON PULSE/ON DELAY
13	9	WAGO	788-312	RELAY, DPDT, 8A, 24VDC COIL, w/BASE
14	9	WAGO	788-113	JUMPER, RELAY, 2-POS., 788 SERIES
15	3	WAGO	2004-1401	TERM. BLOCK, 4-POS., 20-10AWG
16	1	WAGO	2004-1407	TERM. BLOCK, GND, 4-POS., 20-10AWG
17	1	WAGO	2004-1492	END/INTERMEDIATE PLATE, ORG., 2004-14XX
18	10	WAGO	280-519	TERM. BLOCK, DBL. DECK, 2-POS., 28-12AWG
19	1	WAGO	280-341	END/INTERMEDIATE PLATE, ORG., 280-5XX
20	10	WAGO	280-833	TERM. BLOCK, 4-POS., 28-12AWG
21	1	WAGO	280-315	END/INTERMEDIATE PLATE, ORG., 280-8XX
22	13	WAGO	280-402	JUMPER, TERM. BLK., 2-POS.
23	2	WAGO	249-116	END STOP, 6MM



LOCATIONS (A)(B)(C) WIRE/CABLE LENGTHS

1) LOCATION A: WIRES FROM TB1, TB1A, AND TB2A MUST EXTEND PAST PANEL 20".
2) LOCATION B: CABLES PJ2, AND PJ3 MUST EXTEND PAST PANEL 36". CABLES PJ10, PJ106, PJ107, PJ108, PJ109, PJ206, PJ207, PJ208, AND PJ209 MUST EXTEND PAST PANEL 48".
3) LOCATION C: CABLES PJ1 AND PJ5 MUST EXTEND PAST PANEL 36". CABLES PJ104 AND PJ204 MUST EXTEND PAST PANEL 48".

NOTE 1: SET RELAY DIPSWITCH SETTINGS PER SCHEMATIC.

NO.	DATE:	BY	REVISION DESCRIPTION:
6			
5			
4			
3			
2			
1			

TOLERANCES
(UNLESS OTHERWISE SPECIFIED)
FRACTIONAL=±1/64
X.XX=±.01
X.XXX=±.005
X.XXXX=±.0002

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APP'D BY:
SCALE: NONE
DATE: 01-04-16
NO. OF PAGES: 14 OF 19

I-TECH Services
Innovative Technical Services, LLC.
CUSTOMER: Trackside Services
TITLE: 460V-24V DUAL SKATE RETARDER MAIN PANEL ASSEMBLY
JOB NO. TSI515-014