

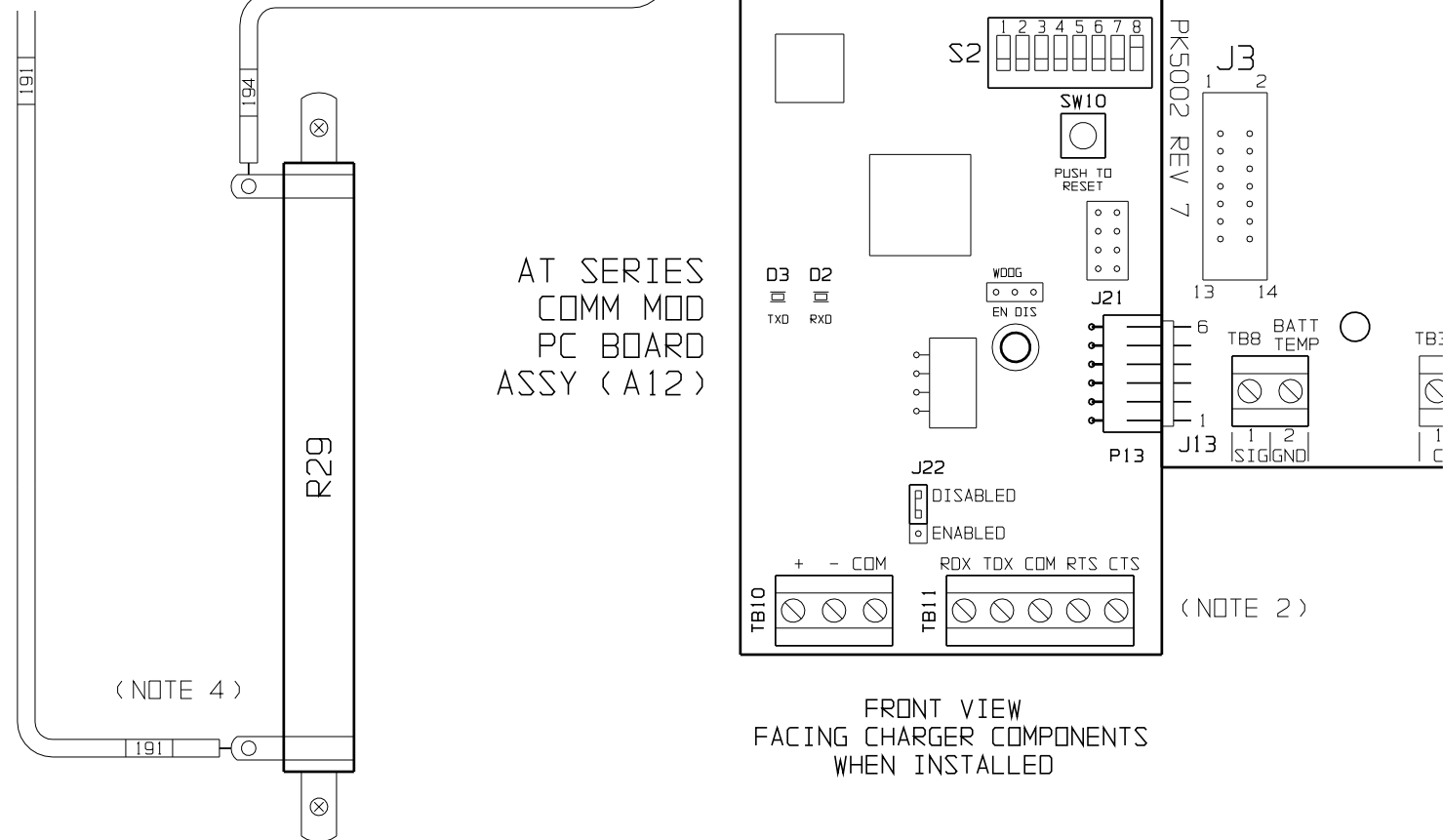
NOTES:

- 1) FOR COMPLETE MANUAL OF AT SERIES COMMUNICATIONS MODULE OPTION, SEE OPERATING INSTRUCTIONS: JA0102-04.pdf
- 2) SEE TABLE BELOW FOR USER CONNECTIONS.
- 3) WIRE #195 RUNS FROM A12-J20-4 TO AT SERIES BATT CHGR SYSTEM COMMON:
 AT10.1 G1: A3-E10
 AT10.1 G2: W2(-)
 AT30: R1-1(-)
- 4) LARGE 130Vdc POWER SUPPLY RESISTOR (R29) SHOWN. SMALLER 48Vdc, 24Vdc, AND 12Vdc VARIANTS MOUNT & WIRE ACCORDINGLY.

TO TBI(+)

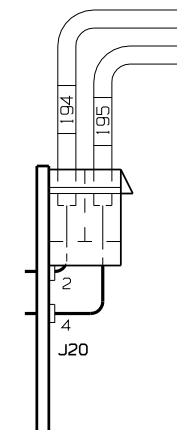
TO AT SERIES BATT CHGR SYSTEM COMMON (SEE NOTE 3)

WIRING DIAGRAM



FRONT VIEW
FACING CHARGER COMPONENTS
WHEN INSTALLED

SIDE VIEW
OF PC BOARD



AT SERIES
MAIN CONTROL
PC BOARD (A1)

(NOTE 2)

INDICATOR LIGHTS:

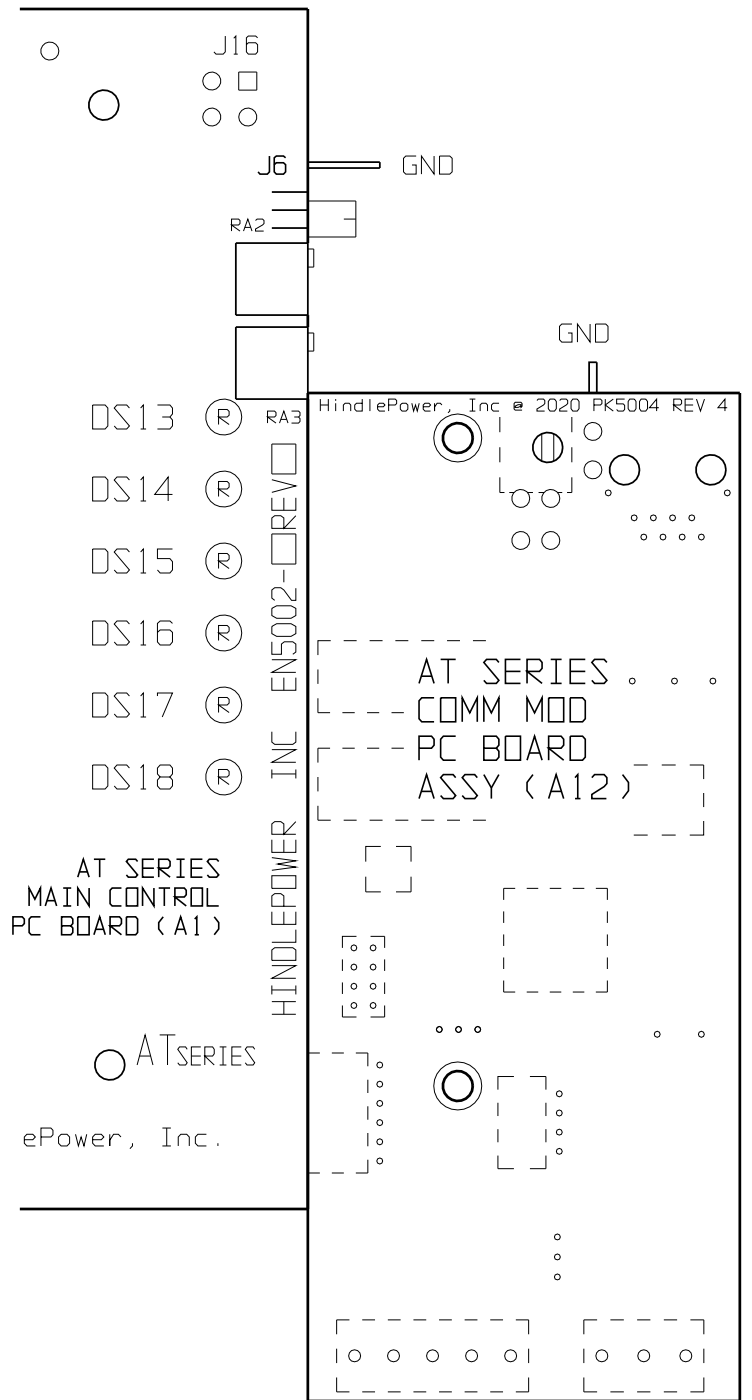
- D1 - STATUS LED, SPI COMM
- D2 - RXD, SERIAL RECEIVE LED
- D3 - TXD, SERIAL TRANSMIT LED
- D4 - ACT, ETHERNET ACTIVITY LED
- D5 - SPEED, ETHERNET 10/100 LED
- D6 - LINK, ETHERNET STATUS LED

JUMPERS / CONNECTORS:

- J20 - POWER SUPPLY CONNECTION
- J21 - FACTORY CONNECTION
- J22 - RS-485 TERMINATING RESISTOR (ENABLE/DISABLE)
- P13 - PLUG FOR MAIN CONTROL PCB (A1) (J13 CONNECTION)

SWITCHES:

- S1 - CONFIGURATION SWITCHES
- S2 - MODBUS ADDRESS
- SW10 - RESET BUTTON



BACK VIEW
FACING CHARGER DOOR
WHEN INSTALLED

I/O TERMINAL	DESCRIPTION - TYPE	CONNECTION
TB10	RS-485 SERIAL TERMINALS - SOLDERLESS COMPRESSION SCREW	#22-14 AWG
TB11	RS-232 SERIAL TERMINALS - SOLDERLESS COMPRESSION SCREW	#22-14 AWG
GND	PC BOARD GROUND TERMINAL - SLIP-ON TAB	QC LUG

3	27477	070120	THIRD ANGLE PROJECTION	TITLE		AT SERIES BATT CHGR COMMUNICATIONS MODULE OPTION DETAIL (STANDARD)							
2	22197	070110		DRAWN BY	MCR	051705	DRAWING No						
1	E2092	070805	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG		JE5107-00		REV	3					
0	E2044	051705	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		SCALE		NTS	PART No	JE5107-00	SHEET	1	OF	1
REV	ECN No	DATE											