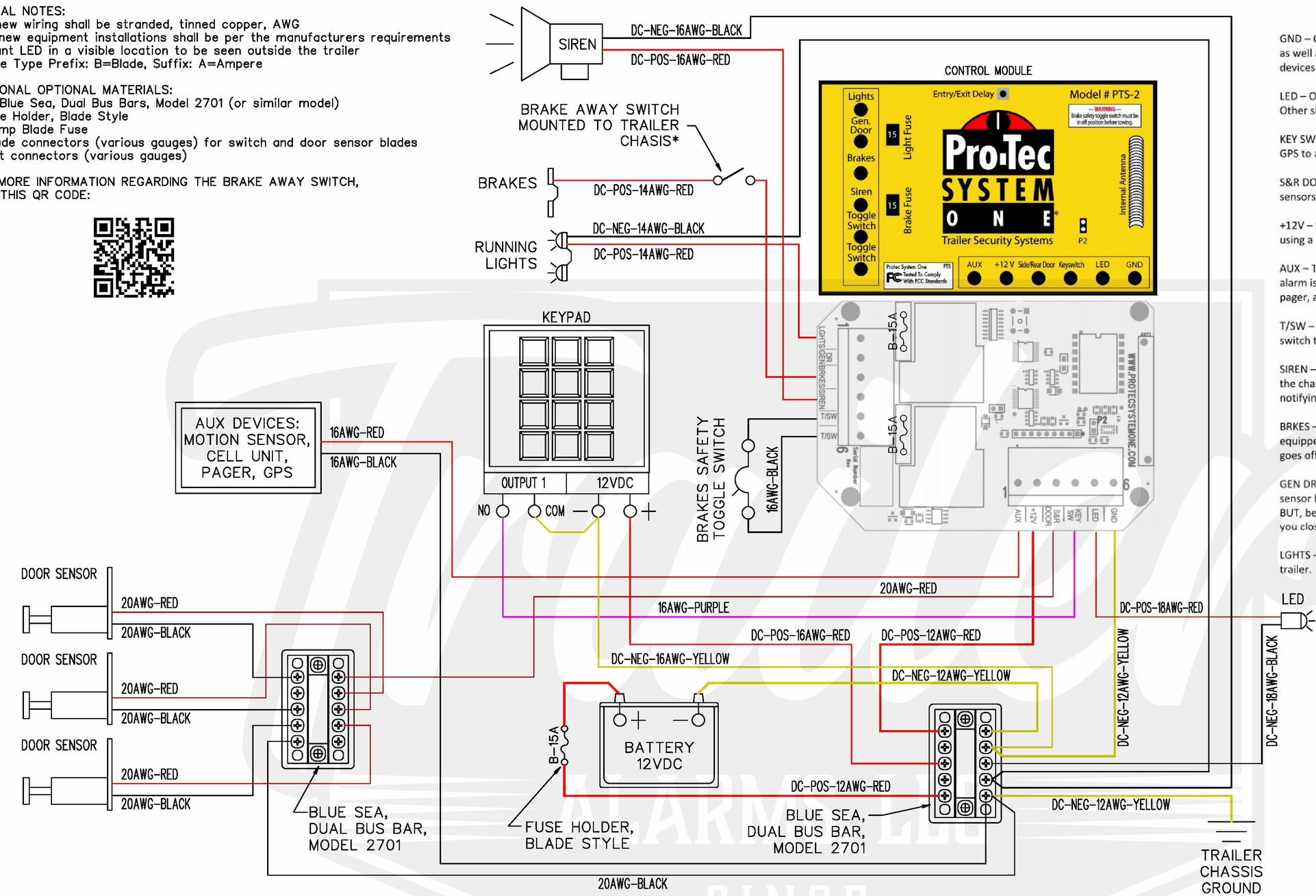
GENERAL NOTES:
1. All new wiring shall be stranded, tinned copper, AWG
2. All new equipment installations shall be per the manufacturers requirements
3. Mount LED in a visible location to be seen outside the trailer
4. Fuse Type Prefix: B=Blade, Suffix: A=Ampere

ADDITIONAL OPTIONAL MATERIALS:
1. (2) Blue Sea, Dual Bus Bars, Model 2701 (or similar model)
2. Fuse Holder, Blade Style
3. 15amp Blade Fuse
4. Spade connectors (various gauges) for switch and door sensor blades
5. Butt connectors (various gauges)

*FOR MORE INFORMATION REGARDING THE BRAKE AWAY SWITCH, SCAN THIS QR CODE:



WIRING INSTALLATION NOTES:

GND – Connects to the ground on the battery power supply as well as to the chassis of the trailer. Door sensors and other devices use the ground to complete the circuit.

LED – One side on the LED indicator light connects here. Other side to the chassis ground or ground terminal.

KEY SW – This is used if using a key switch, key pad or our GPS to arm/disarm the alarm.

S&R DOOR – All door sensors connect here. If using other sensors such as motion or pressure, they connect here also.

+12V – Straight forward. Connect the 12 volt positive here. If using a key pad or GPS, a designated wire will connect here.

AUX – This is only powered up and supplies 12 volts once the alarm is armed. Options like the motion sensor, cell unit, pager, and GPS will use this connection.

T/SW – There are 2 spots, one for each side of the toggle switch to enable/disable the brakes when disarmed.

SIREN – One side of the siren connects here, the other side to the chassis ground or ground terminal. If using any of our notifying devices, they would have a connection here as well.

BRKES – This connects to the brake system of the trailer (if equipped) and will lock up the electric brakes if the alarm goes off. See our online video with help wiring if needed.

GEN DR – If you have a generator door, you can wire a door sensor here. You can arm the alarm with this door open. BUT, be aware that this connection will not be active until you close the door later and re-arm the alarm.

LGHTS – This connection ties to the running lights of the trailer.

Trailer Alarms, LLC	PRO-TEC SECURITY SYSTEMS – WIRING DIAGRAM INSTALLATION DRAWING – DWG#: PSSWD-1	10/4/23, REV-3 PAGE: 1 of 1