LUMICHRON

TOWER CLOCK REPAIR
& RENEWAL SERVICES

Lumichron Tower Clock Service can bring digital time accuracy to your antique clocks! By using the existing dial, fully restored, but adding new clock movements, hands to replace the original set, and a GPS controlled master clock controller the old clocks will perform to perfection.

TOWER CLOCK RENEWAL SERVICES

A standard fixture on almost every country courthouse are the clocks. It's now possible to retain the original appearance of the antique clocks, but have them perform in perfect unison with Atomic Time - GPS synchronized. With no regular maintenance for many years, they can work perfectly for hands-free operation; often with a new electromagnetic bell striker if required.

REPAIR & RENEWAL PROCESS

Typically the old cast iron/aluminum/bronze elements are removed and re-finished to spec. New panes installed, either of translucent white sign-grade polycarbonate, acrylic or glass. The elements are then re-installed with new heavy-duty impulse-driven slave clock movements coupled with a GPS synchronized master clock controller.

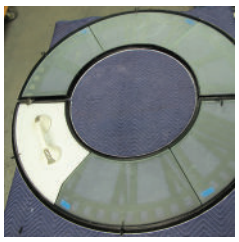
REPLACEMENT PARTS / SERVICES

- Clock dial restoration with metal re-finishing and new translucent panes
- Heavy-duty impulse-driven slave clock movements
- New clock hands to replicate original design
- GPS synchronized master clock controller
- New electromagnetic bell striker(s) if applicable
- New LED light panels for nighttime backlighting
- The new dials are sealed and weather-tight

CONSIDERATIONS FOR RENEWAL

- The antique mechanism is beautiful, but not in a viewing area, so perhaps it's best relegated to public display elsewhere
- The functionality of the clocks may take precedence over preserving the mechanism and the constant maintenance the entire antique assembly requires
- It is challenging finding maintenance staff to take care of the antique mechanism; a new system is maintenance free

FOR PRICING, CSI SPECIFICATIONS, ETC., PLEASE CALL OR EMAIL



CRAFTSMANSHIP

Every clock is built-to-order, by people passionate about the craft of building time for clients. Always personal, always on-time, and always on-budget.

TRADITION

From old world Roman style to contemporary modern, an analog clock is a notable feature bringing importance and comfort to the building

TECHNOLOGY

All clocks are digitally controlled, synchronized with GPS or NTP for accuracy

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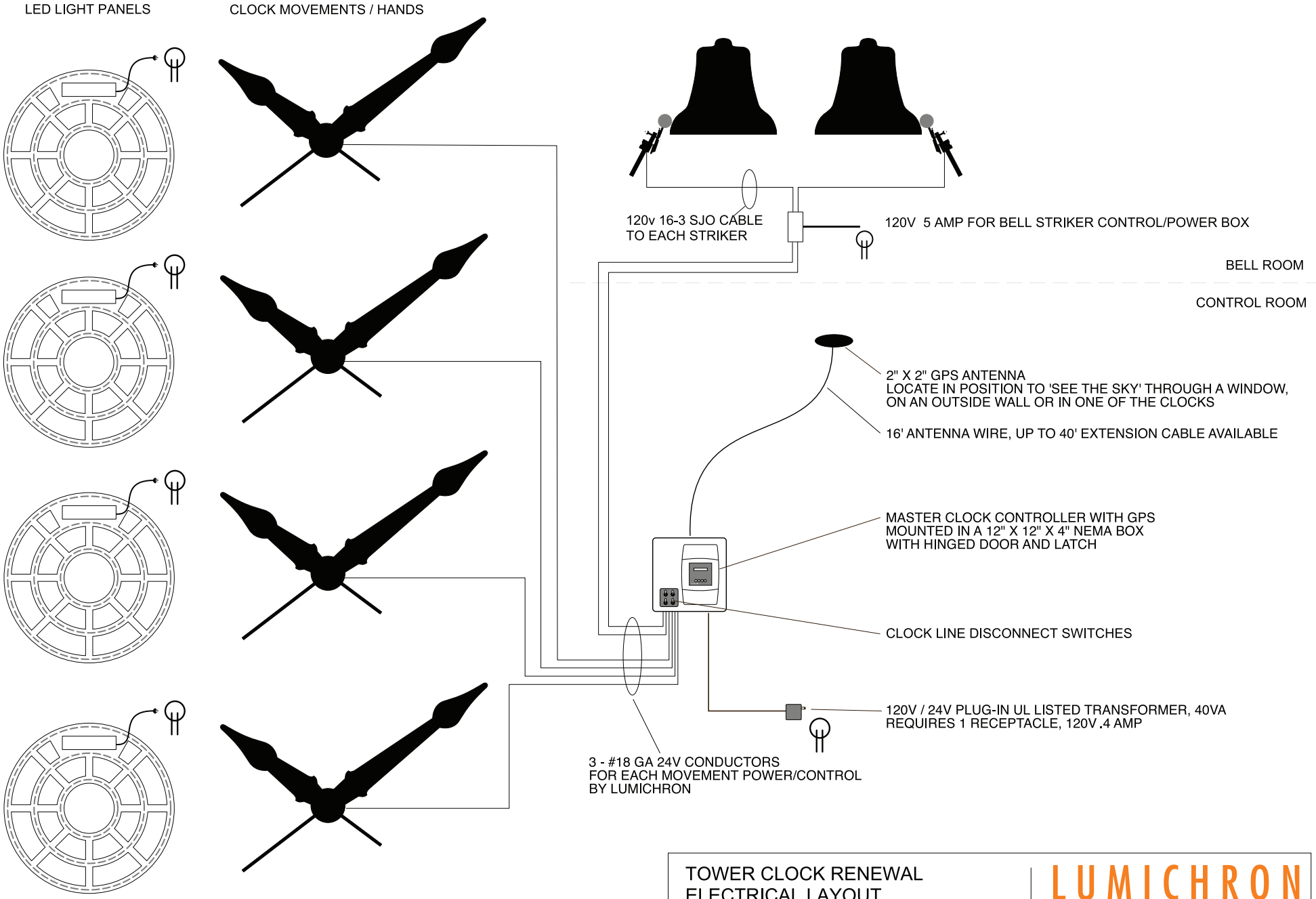
lumichron.com



TOWER CLOCK RENEWAL
ELECTRICAL LAYOUT

LUMICHRON
MANUFACTURER OF COMMERCIAL CLOCKS
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