ABECA

DIVISION 27 & 28 LOW-VOLTAGE CONSULTING

FOR LOW-VOLTAGE & ELECTRICAL CONTRACTORS

An RCDD On Your Team. Without the Overhead.

Stamped design, standards expertise, and bench-strength support — on your timeline.

Winning the bid is one thing; delivering a design that passes review, meets warranty requirements, and survives inspection is another. ABECA works behind the scenes as your RCDD resource, under your name or ours.

Standards Compliance Inspections, Division 27 & 28: Every finding is tied to a specific reference — BICSI TDMM, ANSI/TIA-568/569/606/607, and applicable NFPA 70/72 life-safety requirements — not an opinion from the installing contractor.

Who We Are

ABECA Technology Solutions is an independent RCDD consulting practice founded by Dr. John M. Thurber, RCDD, CSI — 30 years designing and inspecting Division 27 & 28 infrastructure across data centers, healthcare, education, finance, government, retail, and broadband networks nationwide. He has represented major structured cabling and wire & cable manufacturers nationally, so ABECA designs to the warranty requirements that actually get enforced.

RCDD® · CSI · BICSI TDMM · ANSI/TIA-568/569/606/607

Our Services

DESIGN & ENGINEERING

- **RCDD-Stamped Design** — needs analysis through permit-ready Div 27000/28000 specs
- **Drawing Peer Review** — independent RCDD review before permit or bid
- **Backbone & Riser Design** — copper/fiber sizing, TR/IDF planning per TIA-569
- **Warranty Program Support** — aligned to Panduit, Belden, CommScope, Corning & Leviton

FIELD & BID SUPPORT

- **Bid & Estimate Support** — take-off review, winning technical proposal language
- **Field Engineering & RFIs** — fast, standards-based field decisions
- **As-Built & Test Report Review** — catch gaps before the owner's consultant does
- **Staff Training** — BICSI TDMM & ANSI/TIA-568/569/606/607 for PMs, foremen

Why Choose ABECA

Scale up without hiring
Add RCDD capacity for the projects that need it.

Permit-ready the first time
Fewer plan-review rejections and resubmittals.

Standards backup, your name
We work under your letterhead or ours — your call.

THE ABECA ECOSYSTEM — AUDIT · DESIGN · INSPECT · PROTECT · SUPPORT



Add RCDD horsepower to your next bid.

Contact ABECA for a complete pricing list and custom quotes on any service above.

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