



▶ Lessons Learned

Coordination: The electrical contractor on a building project is on the job from the very start and is usually the last contractor to leave. Their scope of work interfaces with most of the other trades requiring a high degree of coordination to maintain schedules and production.

Pre-Planning: Much of the complexity in coordination is dealt with as it happens throughout the project. By following a structured pre-planning process most of these coordination issues can be worked out prior to starting the project; leaving the management more time to focus on production during the course of the project.

Written Project Plan: Planning is only half the battle; clearly documenting the plan including schedules, detailed material staging plans, installation detail sheets, project org charts and site specific safety guidelines is critical for executing the plan and facilitating smooth scale-up of the workforce.

Production Tracking: On any project there will be 2-3 activities that make up 70% of the variable costs. Putting in place a structured method to measure the productivity in these areas on a daily basis improves profitability, can be tied to compensation and can be used to provide solid evidence of other trades impacting the productivity.

Management Processes: People build projects but structured systems are the only thing that can provide consistent quality, safety and profitability results from one project to the next. Documented systems including material logistics, planning, daily project management, changes and project commissioning lead to consistency.

▶ Experience & Perspectives



Diverse experiences with a variety of commercial installations and varying management positions ranging from field through designer and general manager including:

- **Retail:** 110,000sf Gottschalk's Store, Hummer Dealership
- **High-Rise:** Silver Legacy Casino/Hotel
- **Educational:** Technology & Learning Resource Centers, Mission College, Butte College, American River College
- **Hospital:** Woodland Behavioral Health Expansion
- **Building Management Systems:** Nutri-Lite Plant, Southwest College, American Golf Headquarters.
- **Institutional:** 100,000sf Juvenile Courthouse W/Visitor Center
- **Distribution:** Yellow Freight Terminal, Roadway Packaging Systems



▶ Perspectives

- ▶ Electrician
- ▶ Foreman
- ▶ Superintendent
- ▶ Project Manager
- ▶ Estimator
- ▶ General Manager
- ▶ Owner

