

UNDERGROUND



A key factor on all projects is to make sure they “come out of the ground” correctly. Quite often underground work is looked at as simply “ditch digging,” but this is far from the case. The underground conduits and structures must be installed meeting all applicable codes and at the coordinated locations and elevations from finished surfaces, while avoiding conflicts with building footings and with other utilities. It is critical that individual conduits be stubbed up at precise locations and that all of the work be accomplished within the time allotted in the project schedule. Neal Electric’s underground experience and installation capabilities contribute to their reputation of being one of the best electrical contractors in town.

CORE CAPABILITIES

- Installations are fully coordinated from the start by our Production Services department
- All foremen are “Competent Person” safety trained for underground installations as part of our required OSHA 30 class
- Underground crews specifically specialize in installing electrical underground
- In-house utility technicians are trained and experienced in excavating and backfill
- Neal owns and operates all required underground excavating and backfill equipment
- Highly competent in different types and all aspects of underground installations including site utilities, interior conduit installations, slab work, street crossings, and light pole base installations
- Customers benefit from Neal’s commitment to professional, accurately coordinated, and safely installed projects



- As with all projects, competitive pricing and timely completion are a priority in Underground
- Neal Electric is a sister company to other construction groups that perform wet and dry utility work within the Meruelo Construction Group (Select Electric, Herman Weissker, Inc., Doty Brothers Equipment Company, Tidwell Excavating, and Associated Utility Services)

PRECONSTRUCTION SERVICES

Our Production Services department works hand-in-hand with our Underground group to fulfill each installation. Preplanners coordinate the conduits with all the utilities using advanced computer software such as AutoCAD® MEP Coordination, Revit® BIM Modeling, and Navisworks® Collision Detection. Manholes, duct banks, and required equipment are laid out, measured to scale, and rendered in 3D on the civil and architectural drawings. Conflicts are resolved on the computer before a shovel is put in the ground.

By incorporating these latest technologies, Neal Electric can download points directly from coordinated CAD schematics into a Total Station survey instrument and then precisely lay out our installations in the field. The customer ultimately benefits from having an exact set of Underground record drawings for future reference.

NEAL UNDERGROUND EQUIPMENT

- All necessary tools and equipment for installations
- Backhoes
- Bobcats®
- Compressors and generators
- Dump trucks
- Forklifts
- 40' equipment hauling trailer
- Freight liner semi-tractor
- Fuel trailers
- Loaders
- Mini excavator
- Track excavators
- Underground and high voltage splicers service trucks
- Water trailers
- Water trucks
- UG & HV Splicers Service Trucks

RECENT UNDERGROUND PROJECTS

- Camp Pendleton BEQ P-093
- Del Norte High School
- La Jolla Playhouse
- Los Angeles Southwest College
- Naval Air Weapons Station – China Lake
- Point Loma Library
- Quechan Casino Resort