Technical Data

Electrical Symbols and Abbreviations

In Accordance with American National Standards Institute

General Outlets

Ceiling Wall

- Lighting Outlet
- Blanked outlet
- Deep cord
- Electrical outlet: for use only when circle used alone might be confused with columns, plumbing symbols, etc.
- Fan outlet
- Junction box
- Lamp holder
- Lamp holder with pull switch
- Pull switch
- Outlet for vapor discharge lamp
- Exit light outlet
- Clock outlet (specify voltage)

Convenience Outlets

- Duplex convenience outlet
- Convenience outlet other than duplex
- 1-single, 3-triplex, etc.
- Weatherproof convenience outlet
- Range outlet
- Switch and convenience outlet
- Radio and convenience outlet
- Special purpose outlet (Des. in Spec.)
- Floor outlet

Switch Outlets

- Single pole switch
- Double pole switch
- Three way switch
- Four way switch
- Automatic door switch
- Electroliner switch
- Key operated switch
- Switch and pilot lamp
- Circuit breaker switch
- Weatherproof circuit breaker
- Momentary contact switch
- Remote control switch
- Weatherpoof switch
- Fused switch
- Weatherpoof fused switch

Special Outlets

Any standard symbol as given above with the addition of a lower case subscript letter may be used to designate some special variation of standard equipment of particular interest in a specific set of architectural plans.

Panels, Circuits and Miscellaneous

- Lighting panel
- Power panel
- Branch circuit: concealed in ceiling or wall
- Branch circuit: concealed in floor
- Branch circuit: exposed
- Home run to panel board. Indicated number of circuits by number of arrows.

Note: Any circuit without further designation indicates a two-wire circuit. For a greater number of wires indicate as follows: # (3 wires) ## (4 wires), etc.

- Underfloor duct and junction box. Triple system

Note: For double or single systems eliminate one or two lines. This symbol is equally adaptable to auxiliary system layouts.

- Generator
- Motor
- Instrument
- Power transformer (or draw to scale)
- Controller
- Isolating switch

Auxiliary Systems

- Push Button
- Buzzer
- Bell
- Annunciator
- Outside telephone
- Interconnecting telephone
- Telephone switchboard
- Bell ringing transformer
- Electric door opener
- Fire alarm bell
- Fire alarm station
- City fire alarm station
- Fire alarm central station
- Automatic fire alarm device
- Watchman’s station
- Watchman’s central station
- Horn
- Nurse’s signal plug
- Maid’s signal plug
- Radio outlet
- Signal central section
- Battery
- Auxiliary system circuits.

Note: Any line without further designation indicates a 2-wire system. For a greater number of wires designate with numerals in manner similar to – – – 12-No. 18 W-3/4"C, or designate by number corresponding to listing in schedule.

- Special auxiliary outlets

Subscript letters refer to notes on plans or detailed description in specifications.