



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
Ⓛ _s -Ⓛ _s	Lamp holder with pull switch
Ⓢ -Ⓢ	Pull switch
Ⓥ -Ⓥ	Outlet for vapor discharge lamp
Ⓧ -Ⓧ	Exit light outlet
Ⓒ -Ⓒ	Clock outlet (specify voltage)

Convenience Outlets

Ⓢ	Duplex convenience outlet
Ⓢ ₁	Convenience outlet other than duplex 1-single, 3-triplex, etc.
Ⓢ _w	Weatherproof convenience outlet
Ⓢ _r	Range outlet
Ⓢ _s	Switch and convenience outlet
Ⓢ _r	Radio and convenience outlet
Ⓢ _{sp}	Special purpose outlet (Des. in Spec.)
Ⓢ _f	Floor outlet

Switch Outlets

S	Single pole switch
S ₂	Double pole switch
S ₃	Three way switch
S ₄	Four way switch
S _D	Automatic door switch
S _E	Electrolier switch
S _K	Key operated switch
S _P	Switch and pilot lamp
S _{CB}	Circuit breaker switch
S _{WCB}	Weatherproof circuit breaker
S _{MC}	Momentary contact switch
S _{RC}	Remote control switch
S _{WP}	Weatherproof switch
S _F	Fused switch
S _{WF}	Weatherproof 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.

○ _{s,b,c,etc}	When used they must be listed in the Key of Symbols on each drawing and if necessary further described in the specifications.
Ⓢ _{s,b,c,etc}	

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.

Feeders

Note: Use heavy lines and designate by number of corresponding to listing in feeder schedule.

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		
ⓐ	Interconnection box	ⓐ	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.