

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
Ⓛ _{ps}	-Ⓛ _{ps}	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.
Ⓢ _{wp}		Weatherproof convenience outlet
Ⓢ _r		Range outlet
Ⓢ _s		Switch and convenience outlet
Ⓢ _r		Radio and convenience outlet
Ⓢ		Special purpose outlet (Des. in Spec.)
Ⓢ		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.

○_{a.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.

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. <i>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.</i>
—	Feeders <i>Note: Use heavy lines and designate by number of corresponding to listing in feeder schedule.</i>
Ⓛ	Underfloor duct and junction box. Triple system <i>Note: For double or single systems eliminate one or two lines. This symbol is equally adaptable to auxiliary system layouts</i>
Ⓢ	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.

Ⓢ_{a.b.c.} Special auxiliary outlets
Subscript letters refer to notes on plans or detailed description in specifications.