



PLANNING AND BUILDING DEPARTMENT

BUILDING DIVISION

<https://www.eldoradocounty.ca.gov/Land-Use/Building-Services>

PLACERVILLE OFFICE:

2850 Fairlane Court, Placerville, CA 95667

BUILDING

(530) 621-5315

bdgdept@edcgov.us

PLANNING

(530) 621-5355

planning@edcgov.us

LAKE TAHOE OFFICE:

3368 Lake Tahoe Blvd., Suite 302

South Lake Tahoe, CA 96150

(530) 573-3330

REQUIREMENTS FOR LOW VOLTAGE WIRING SYSTEMS

One- and Two-Family Dwellings

Type of System	Is a Permit Required?	Additional Information
Security System	Not Required	A permit is required when the circuitry is hard wired.
Fire Alarm	Required	A permit is not required for the installation of carbon monoxide/smoke detectors when solely battery operated.
Smart house or energy management systems	Required	
Lighting-Indoor	Required	
*Lighting control systems	Required	A permit is not required for fixtures operating by a radio control system.
Telephone, data, modem, Telecommunications, Cable TV, Audio controls & speakers	Not Required	
Irrigation Controls	Not Required	
Lighting-Outdoor	Required	A permit is not required if the fixture is connected to listed plug-in controller or transformer.
Door bells, garage door openers, T-stats, central vacuum systems	Not Required	
*Automatic driveway gates	Required	

***Work exempt from permit: Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy. Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of the County.**



COMMUNITY DEVELOPMENT AGENCY

DEVELOPMENT SERVICES DIVISION

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REQUIREMENTS FOR LOW VOLTAGE WIRING SYSTEMS

Commercial & Industrial

Type of System	Is a Permit Required?	Additional Information
Customer-owned telephone, data, modem, and other communication systems	Not Required	
Utility-Owned Telephone & data cabling	Not Required	
All wiring in space under exclusive control of a communications utility	Not Required	
Energy management & HVAC controls	Required	
Cable TV	Not Required	
Irrigation system controls	Required	
Lighting-Outdoor	Required	
Lighting-Indoor	Required	
Lighting Controls	Required	
Security System	Required	
Fire Alarm	Required	Fire Dept. permit required
Fire Sprinkler Controls	Required	Fire Dept. permit required
Card Reader &/or building or space entrance control systems	Required	

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REQUIREMENTS FOR LOW VOLTAGE WIRING SYSTEMS

Multi-Family Dwellings

Type of System	Is a Permit Required?	Additional Information
Security System	Required	See Fire Protection District
Fire Alarm	Required	Non-required systems also need a permit
Customer-Owned Telephone, data, modem, and other communication systems	Not Required	
Utility-Owned Telephone & data cabling	Not Required	
Central Energy Management & HVAC controls	Required	Includes T-stats & controls in individual units
Cable TV	Not Required	
Irrigation system controls	Required	
Lighting-Outdoor	Required	
Lighting-Indoor	Required	
Lighting control systems	Required	Radio signal systems are exempt
Intercom, Entrance Controls, Audio or any other system that involves the entire bldg.	Required	Systems contained in individual units are exempt
Smart house or energy management systems	Required	
T-stats for stand alone units	Not Required	If the complete HVAC is contained in the individual unit

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