

FIGURE 6

Chris Skinner [clskinner01@gmail.com]

To: Dalsing, Susanna

Tuesday, October 10, 2017 3:28 PM

- Flag for follow up. Start by Tuesday, October 10, 2017. Due by Tuesday, October 10, 2017.

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Ticket : A724203662
Member : CSPU00 []
Place : COLORADO SPRINGS Address : 2429 ZANE CIR
Site Status: CONFLICT Markings: PAINTED
Message : Colorado Springs Utilities has marked their facilities at the specified dig site. Please dig with caution and call [719-668-7205](tel:719-668-7205) if you have any questions.
Notes : Gas service signal dies at property, marked to curb off measurements, pot hole and verify. Electric primary running west ran poorly. Use caution near marks. For questions call Miguel [719-323-4782](tel:719-323-4782) Marked 2 electric primaries, 2 electric services, 1 gas services, 1 water services.

FIGURE 6

Stay safe around electrical equipment

Ever wonder what that green metal box is in your neighborhood or even your own front yard? These green boxes house high voltage utility equipment that can pose a serious safety hazard if treated or handled inappropriately.

In the event of an equipment failure or a power outage, it's important that our workers have safe access to the equipment to make needed repairs. Therefore, for your safety and that of our workers, there are city codes to limit landscaping around electrical equipment. Trees, shrubs, fences, large landscape rocks or other obstructions are not permitted in access areas around electrical equipment.

Keep your family safe by:

- Allowing ventilation to the box. Adequate air is needed to keep the boxes cool and working properly or they may become a fire hazard.
- Leaving the boxes uncovered. Do not build a shed around it or fence it in.
- Encouraging children to play away from the boxes, which may be hot or have sharp edges.



For your safety, all electrical equipment is enclosed in protective cabinets. Each piece has warning labels that should be heeded. Customers are cautioned not to allow children to play on or around the equipment.

- Please call us at 448-4800 to:
- Inquire about padmounted equipment
 - Report problems
 - Report trees growing into power lines
 - Report outages

Call the Utilities Notification Center of Colorado at (800) 922-1987 to have all your underground lines located before you dig.

Other information and recommendations

New construction

Please consult with us if you plan to build a wall or fence, or intend to do any grading near padmounted equipment. We will help you create a plan that meets your needs and will not impair service to the electric system. Be sure to call (800) 922-1987 before you dig to locate all underground lines.

Painting equipment

You may paint vault lids or padmount equipment to match the color scheme of surrounding buildings. All identification numbers and warning signs must remain intact and clearly visible. If you choose to paint the equipment, you assume permanent responsibility for the upkeep of the paint. Contact us for further information about the required specifications for paint standards.

Maintaining equipment: Who to call

Customers are responsible for landscaping maintenance inside easements. We are responsible for maintaining the equipment. If you see equipment in need of repair or if the look has been damaged or removed, call us at 448-4800.

Outdoor fixtures and lighting

For safety reasons, outdoor garden lighting should be kept away from equipment. Lighting and other fixtures must maintain the same clearances used for plantings.



Landscaping Around Electrical Equipment



Clearances, guidelines and other information to help you properly and safely landscape around electrical equipment.



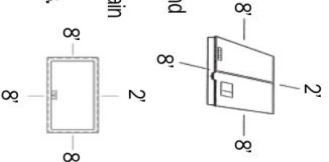
www.csu.org • 448-4800

FIGURE 6

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Vault lid
A vault is a concrete housing installed below ground. The metal lid protrudes 3 to 4 inches above the ground or matches the grade of the surrounding area. It may contain a transformer or equipment used to switch power sources.



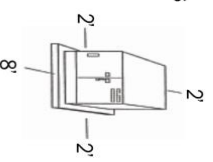
Adequate clearance



Inadequate clearance

- General landscaping guidelines**
- Trees should be planted far enough from equipment so that when they reach maturity, overhanging branches will not obstruct a crane from setting or removing equipment.
 - If you wish to use decorative rock around equipment, it should be no larger than 1.5 inches in size.
 - Remember, all clearances are for the safety of the crews working around the equipment. Easier access to the equipment will enable workers to repair damages more quickly than if they were impeded by landscaping too near the equipment.
 - Damage to plants from heavy machines are kept to a minimum, or even eliminated, if appropriate clearances are maintained around the equipment.

Padmount transformers
Transformers are metal boxes set on concrete or plastic pads. Transformers reduce the incoming primary voltage to a usable amount.



Adequate clearance

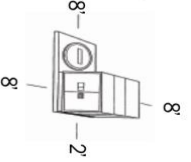


Inadequate clearance

Plant recommendations
The plants listed below meet the requirements for height limitations and growth spread. Plants shall be provided and maintained by the customer. Before planting shrubbery, call to have all underground lines located. Shrubbery should not reach a height more than 30 inches at maturity in order to comply with city ordinance.

Dry area plants	Sprinkler area plants
Barberry	Centranthus Ruber
Bulbberry	Jupiter's Beard
Currents	Red Valerian
Daylily	Juniper
Dogwood	Broadmoor Juniper
Gooseberries	Lilac
Iris	Mockorange
Juniper	Big Sweet
Mountain Mahogany	Plums
	Newport Purple
	Rosemary
	Spirea
	Trelobe
	Snowmound
	Nippon
	Boxwood
	Sunac
	Stagflorn

Padmount or vault-mounted switches
Padmount or vault-mounted switches are metal boxes set on ground level concrete vaults. Switches are used to isolate portions of different circuits.

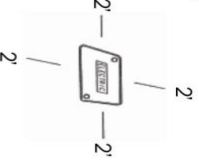


Adequate clearance



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Secondary junction boxes
Secondary junction boxes, or "handholes," are made of a composite material and installed to grade. The boxes house secondary wires and connecting devices.



Adequate clearance



Inadequate clearance

In accordance with Resolution No. 185-87, "The property owner, either by requesting electric service or by permitting a property to be served electric power, also agrees to allow Colorado Springs Utilities to trim or remove any trees, shrubs, other plant growth or other obstructions which, in Springs Utilities' judgment, interferes with the operation and maintenance of the power system or which could cause a safety hazard."

FIGURE 6