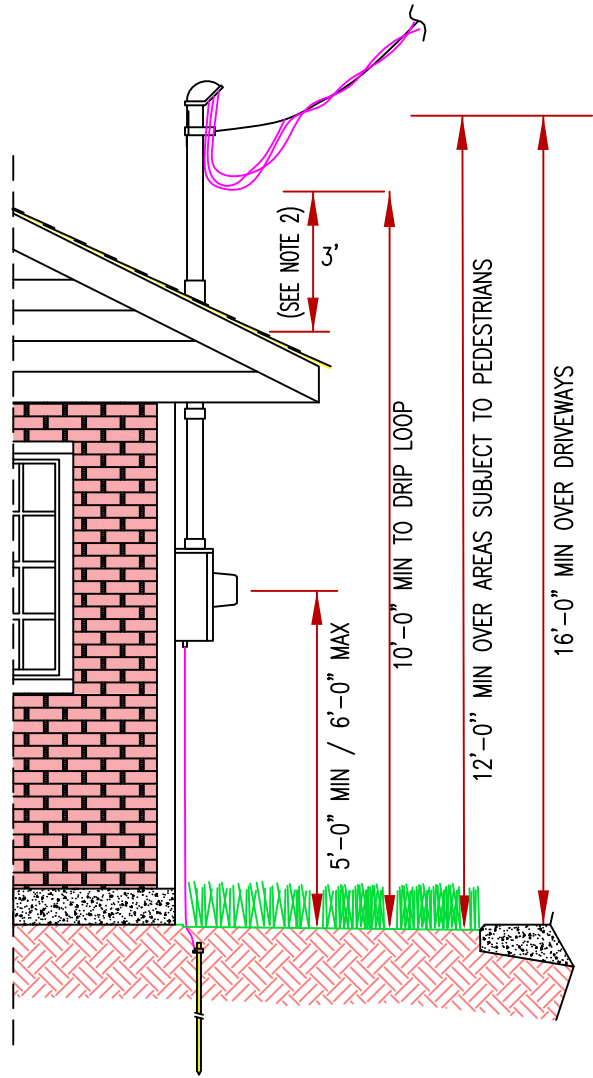


FRONT VIEW



SIDE VIEW


Notes:

1. A single ground electrode shall be supplemented by an additional electrode except when the single electrode has a resistance to earth of 25 ohms or less.
2. Clearance may be reduced to 18 inches if not more than 6 feet of conductors pass over the roof and the service mast is located within 4 feet of the edge of the roof, measured horizontally.
3. Drawing and recommendations are intended to serve as guidance for compliance with code and utility requirements. The NEC and/or Local Code Authorities may have additional requirements to those shown. The more stringent requirement will take precedence for differences between authorities.

* Conductor Sizes for General Purpose Service Equipment

Service Rating (Amperes)	Typical Conduit Size (Inches)	Ungrounded Conductor Size (Minimum)		Typical Grounded (Neutral) Conductor Size		Grounding Electrode and Bonding Conductor Size
		Copper	Aluminum	Copper	Aluminum	
100	1.25	2 AWG	1/0 AWG	4 AWG	2 AWG	6 AWG
200	2.00	3/0 AWG	250 kcmil	1/0 AWG	3/0 AWG	4 AWG
400	3.00	500 kcmil	750 kcmil	350 kcmil	500 kcmil	1/0 AWG

This table is only a guide for some minimum conductor requirements and is not intended to be a comprehensive list of acceptable conductor sizes. The NEC should be reviewed to ensure compliance with all applicable requirements, including but not limited to conductor size, material, and insulation type.



SOUTHERN PINE ELECTRIC

OVERHEAD SERVICE TO STRUCTURE # 2
FOR 120/240 VOLT, 3-WIRE, ABOVE ROOF

DRAWN CLJ	CHECK JLJ	DATE JAN. 2016	FILE NAME OH TO STRUCTURE2
DATE 08/18/16	REVISION CHANGED COMPANY LOGO	SCALE NOT TO SCALE	ASSEMBLY N/A
		SHEET 1 OF 1	