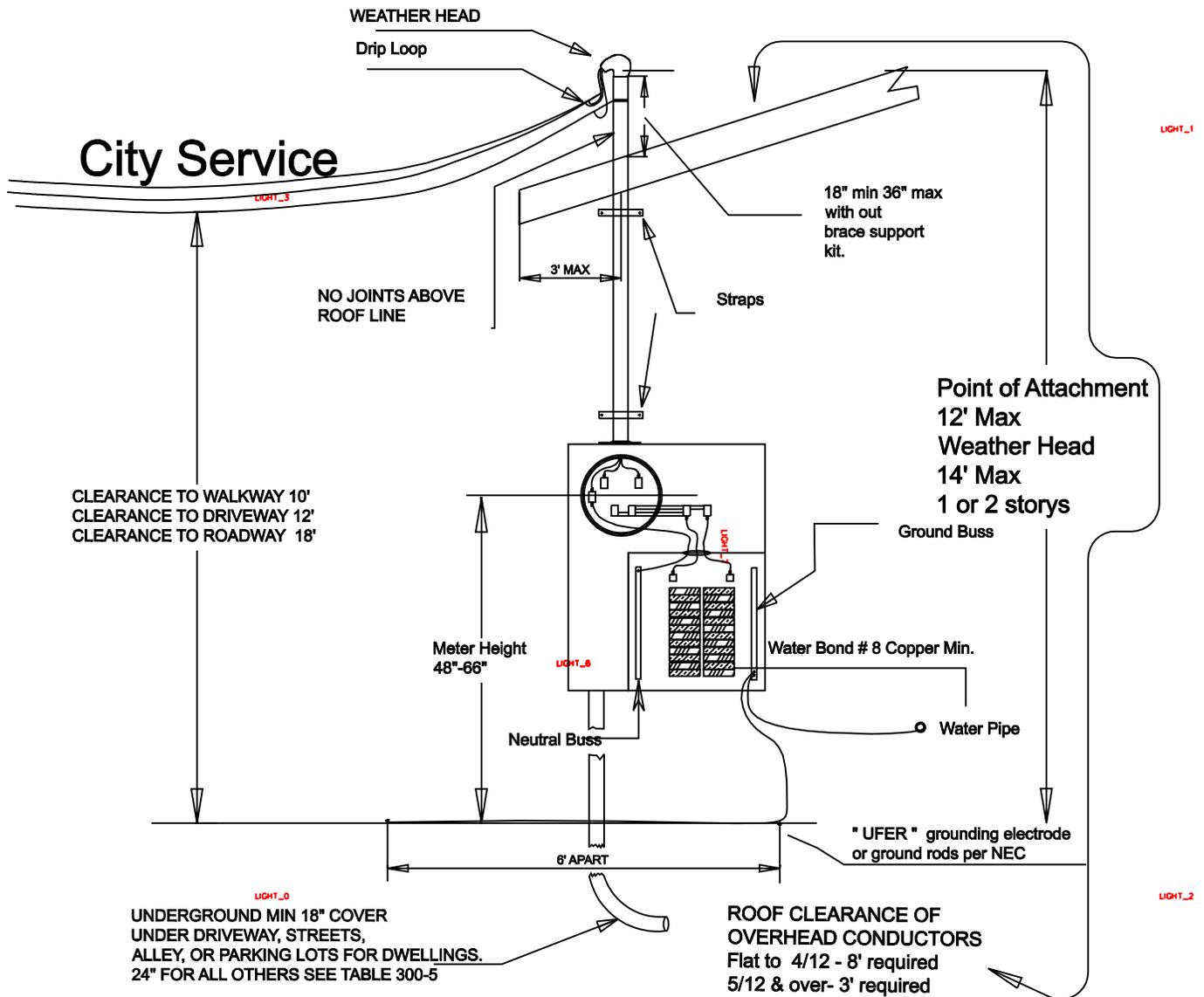


Typical Residential Electrical Service

CALL ELECTRICAL DEPARTMENT FOR PLACEMENT OF NEW SERVICE
(805) 875-8223



- 1.) " Ufer " grounding electrode 20' of #4 copper wire or 1/2" re-bar encased in 2" of concrete at or near the bottom of the footing
IF " UFER" grounding electrode is not available:
- 2.) 2 - 8' Copper ground rods 6' apart or tested for 25 ohms to ground
- 3.) 10' - 3/4 water pipe and 8' copper ground rod
- 4.) Other approved grounding systems see NEC 250-81
- 5.) Wires shall be listed for there use.

SERVICE ENTRY CONDUCTORS SINGLE FAMILY DWELLING							
INSULATION TYPES-RH-RHH-RHW-THHW-THW-THNN-XHHW-USE							
Copper	conduit size	*Alum	conduit size	AMP RATING	Copper	conduit size	*Alum.
#4	1-1/4"	#2	1-1/4"	100	#8	1/2"	#6
#3		#1		110	#8		#4
#2		#1/0		125	#8		#4
#1		#2/0		150	#6		#2
#2/0	1-1/2"	#4/0	2"	200	#4		#1/0
* Deoxidizer Required							
Ground Conductor Size							

THIS SHEET IS FOR REFERENCE ONLY AND OTHER REQUIREMENTS MAY APPLY.