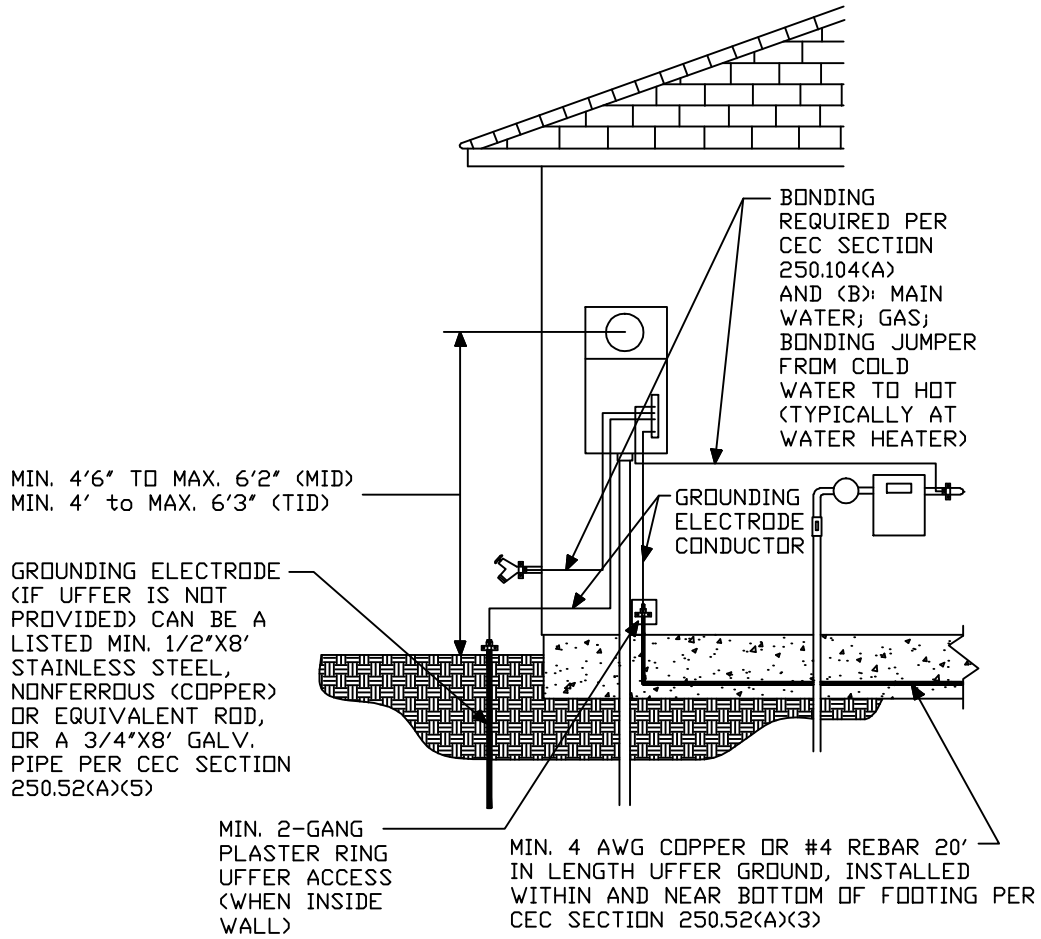


RESIDENTIAL ELECTRICAL SERVICE PANEL  
UNDERGROUND INSTALLATIONS



\* CONDUIT REQUIRED FOR EXPOSED GROUNDING ELECTRODE CONDUCTOR (EXCEPTION: 6 AWG WHERE RUN ON SURFACE OF BUILDING AND FREE FROM EXPOSURE TO PHYSICAL DAMAGE) PER CEC SECTION 250.64(B). CONDUIT REQUIRED TO BE ELECTRICALLY CONTINUOUS PER CEC SECTION 250.64(E)

\* MIN. 30" WIDE X 36" IN FRONT CLEAR WORKING SPACE REQUIRED UP TO 6'6" ABOVE GRADE PER CEC SECTION 110.26(A)

AMP. RATING OF SERVICE	SIZE OF SERVICE ENTRANCE CONDUCTORS (THWN)		SIZE OF SERVICE RISER	SIZE OF GROUNDING ELECTRODE CONDUCTOR		SIZE OF BONDING CONDUCTOR	
	COPPER	ALUM.		ROD/PIPE	UFFER	MAIN	OTHER
100	MID/TID	MID/TID	2"	8 AWG	8 AWG	8 AWG	8 AWG
125			2"	8 AWG	8 AWG	8 AWG	8 AWG
150			2"	6 AWG	6 AWG	6 AWG	8 AWG
200	↓	↓	2"	6 AWG	4 AWG	4 AWG	6 AWG