



# City of Whittier

## COMMUNITY DEVELOPMENT

13230 Penn Street, Whittier, California 90602-1716  
(562) 567-9320 Fax (562) 567-2872 www.cityofwhittier.org

# Panel Upgrade Permit Application

UPLOAD DECLARATIONS WITH **RECORD NUMBER** ONCE APPLICATION HAS BEEN SUBMITTED.

EVERYTHING IN **RED** IS REQUIRED BEFORE SUBMISSION

<b>Date:</b>	<b>Job Address (Street#, Street Name, Unit#, Zip Code):</b>	<b>Single Family (Residential) Dwelling</b>	<b>Multifamily Dwelling</b>
		<b>Pick One:</b>	
<b>Property Owner's Name</b>	<b>Contracting Company Name</b>	<b>Applicant's Name</b>	
<b>Property Owner's Phone:</b>	<b>Contractor's Phone Number</b>	<b>Applicant's Phone Number:</b>	
<b>Property Owners Email</b>	<b>Contractor's Email</b>	<b>Applicant's Email</b>	
<b>Owner Address: #/St/Zip</b>	<b>Contractor Address: #/St/City/Zip</b>	<b>Contractor's State License No:</b>	

**Description of Work:**

## Minimum Panel Upgrade 200 Amp & 225 Busbar

(WMC 15.36.030 & CENC 150.0(s)(3))

- Approved weatherproof service mast, 10'-0" min. height, 36" min. clearance above roof is required.
- Drip loop is required to have a min. of 18" clearance from roof top.
- Service drop to have a single point of contact to riser.
- Type 2 Surge Protection Device installed on the load side of service disconnect.
- Clearance for service head and service drop.  
Areas above one and two family residences - 8' Above areas or sidewalks accessible to pedestrians - 10'
- Recommended clearance of 36" from windows and doors.
- Required 200 amp service in a dwelling requires 1-1/2" conduit, 3-2/0 copper conductor.
- If service conduit is installed with lock nuts, install a ground bushing or device and bond to the enclosure.
- For location, height, and type of meter socket consult the utility company.
- Switches, panel boards, etc., installed outdoors shall be of a type approved for outdoor installation.
- Main breaker is required.
- Neutral bus bond to include 1/2" minimum conduit, and #8 AWG minimum grounding wire or approved #8 AWG minimum armoured grounding cable.
- Approved/Listed and labeled accessible grounding clamp.
- Grounding electrode required in addition to cold water pipe. See Note 17.
- Neutral conductors must be white, Non-metallic sheathed cable with grounding conductor permitted for single family dwellings where concealed in walls.
- If any neutral conductor is shared a handle tie must be installed on all circuit breaker handles that share that neutral.
- Where driven ground rods are used, two rods are required or a verification the system meets the 25 ohm test is required. The rods shall be separated by a minimum of 6'.
- All metallic pipes, including gas, are required to be bonded with a Minimum #8 AWG copper wire.
- Minimum required branch circuits:  
1-15 or 20 AMP for lights  
2-20 AMP for Kitchen receptacles  
1-20 AMP for Laundry receptacles  
1-20 AMP for Bathroom  
1-20 AMP for Garage

