

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

Job Address (Street#, Street Name, Unit#, Zip Code):

Single Family (Residential)

Multifamily Dwelling

Dwelling

Property Owner's Name Contracting Company Name

Applicant's Name

One:

Property Owner's Phone:

Contractor's Phone Number

Applicant's Phone Number:

Property Owners Email

Contractor's Email

Applicant's Email

Owner Address: #/St/Zip Contractor Address: #/St/City/Zip

Contractor's State License No:

Description of Work:

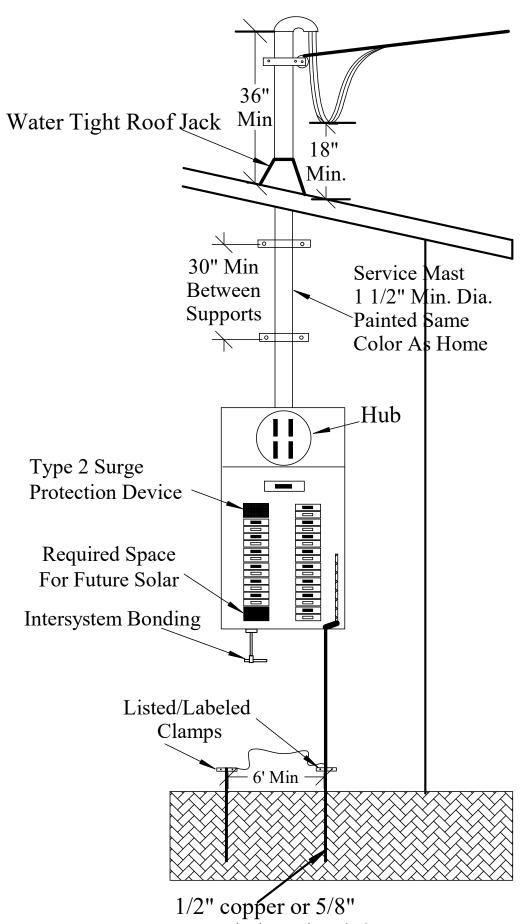
Date:

Minimum Panel Upgrade 200 Amp & 225 Busbar

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

- 1. Approved weatherproof service mast, 10'-0" min. height, 36" min. clearance above roof is required.
- 2. Drip loop is required to have a min. of 18" clearance from roof top.
- 3. Service drop to have a single point of contact to riser.
- 4. Type 2 Surge Protection Device installed on the load side of service disconnect.
- 5. Clearance for service head and service drop.
 - Areas above one and two family residences 8' Above areas or sidewalks accessible to pedestrians 10
- 6. Recommended clearance of 36" from windows and doors.
- 7. Required 200 amp service in a dwelling requires 1-1/2" conduit,
 - 3-2/0 copper conductor.
- 8. If service conduit is installed with lock nuts, install a ground bushing or device and bond to the enclosure.
- 9. For location, height, and type of meter socket consult the utility company.
- 10. Switches, panel boards, etc., installed outdoors shall be of a type approved for outdoor installation.

- 11. Main breaker is required.
- 12. Neutral bus bond to include 1/2" minimum conduit, and #8 AWG minimum grounding wire or approved #8 AWG minimum armoured grounding cable.
- 13. Approved/Listed and labeled accessible grounding clamp.
- 14. Grounding electrode required in addition to cold water pipe. See Note 17.
- 15. Neutral conductors must be white, Non- metallic sheathed cable with grounding conductor permitted for single family dwellings where concealed in walls.
- 16. If any neutral conductor is shared a handle tie must be installed on all circuit breaker handles that share that neutral.
- 17. 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'.
- 18. All metallic pipes, including gas, are required to be bonded with a Minimum #8 AWG copper wire.
- 19. 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



copper clad steel rod, 8' in depth. (Driven into Ground)