

**WESTLOCH FAIRWAYS HOMEOWNER'S ASSOCIATION  
APPLICATION CRITERIA FOR  
Photovoltaic design and installation prepared for Westloch Fairways:**

1. Provide a Design Application.
2. You must submit four (4) copies of drawings, blueprints or sketches and contractor details for performing the requested work.

Note: WSL Fairways DCC&R Exhibit E Architectural Standards C (5). Solar Heating Systems. Roof panels of solar heating systems should be sized so as to minimize their visibility from the streets and adjacent Lots within West Loch Fairways. All such roof panels shall be mounted flush with the roof and/or shall be subject to review and approval by the Design Review Committee.

3. Provide contractor's license to install Photovoltaic systems less than 600V which must have appropriate licenses to conduct the associated work and obtain permits and inspections with the state/city for residential systems.

**a. Contractor Licenses required to install PV systems must provide the following:**

**b. General Building, C-13, C-61**

**Licensees who hold the "B" general building contractor classification shall automatically hold the following specialty classifications without further examination or paying additional fees:**

1. C-5 cabinet, millwork, and carpentry remodeling and repairs;
2. C-6 carpentry framing
3. C-10 scaffolding;
4. C-12 drywall;
5. C-24 building moving and wrecking;
6. C-25 institutional and commercial equipment;
7. C-31a cement concrete;
8. C-32a wood and vinyl fencing;
9. C-42a aluminum and other metal shingles;
10. C-42b wood shingles and wood shakes.

**C-13 Electrical contractor.** To place, install, erect, or connect any electrical wires, fixtures, appliances, apparatus, electrical signs, conduits, poles, raceways, and to do trenching, backfilling, patching, and surface restoration in connection with the installation of conduits and lines which transmit, transform, or utilize electrical energy less than 600 volts phase to phase. This classification also includes the work of the C-15 electronic systems contractor and C-60 solar power systems contractor;

**C-61 Solar energy systems contractor.** To assemble and install solar hot water systems in residential and commercial buildings and swimming pools, provided that this shall not include the installation of heat pumps or water heaters

*NOTE: C-60 licensees can only hook up low voltage PV systems up to 48V and must sub out PV work to a licensed C-13 electrical subcontractor to perform the work*

**c. The following steps are required by the Department of Planning and Permitting (DPP) and HECO to complete a residential Photovoltaic installation:**

1. A scaled drawing to include the following information for approval by DPP
  2. Location of building on lot
  3. Setbacks to property line
  4. Spot elevations or contour lines
  5. Utility locations,
  6. Building coverage area and percentage of coverage and lengths of property lines
  7. Array information to include # of modules in series and # of parallel source circuits, total number of modules, operating voltage, operating current, maximum system voltage and short circuit current.
  8. Inverter location (must be accessible)
  9. Disconnect location must be unlocked and accessible to HECO
  10. Array location on specified roof plane
  11. Weight of array not to exceed 5lbs per square inch
  12. Upon completion of the below steps, a photovoltaic system is considered legal and safe for residential use. Any addition to the system must go through the above process
- a. Final approval must follow with an approved label on the system with information on operating current, operating voltage, max system voltage and short-circuit current.
  - b. Building permit must be closed once system has passed inspection
  - c. HECO must be notified to exchange old meter to Net Meter
  - d. A net metering agreement must be signed by homeowner and filed with HECO
4. DCC&R 3.03 (e) The Owner shall give written notice to the Design Committee upon the completion of construction of any Improvements or other work for which plans and specification were approved by the Design Committee pursuant to this Section. The Design Committee shall inspect such Improvements or other work within (30) days.