



**DEPARTMENT OF PUBLIC WORKS
Building and Safety Division**

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Director

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Equal Opportunity Employer

2019 RESIDENTIAL SOLAR REQUIREMENTS

ROOF MOUNT SOLAR SYSTEMS

- *SITE PLAN
- *ROOF LAYOUT
- *LOCATION OF PANELS & FIRE SETBACKS
- *ELECTRICAL LINE DRAWINGS
- *STRUCTURAL ANALYSIS
- * PANEL DETAILING
- * MOUNTING SPECS
- * INSTALLATION INSTRUCTIONS
- *TRENCHING DETAIL IF APPLICABLE

GROUND MOUNT SOLAR SYSTEMS:

- * SITE PLAN
- * WELL/SEPTIC LOCATION MUST BE LOCATED
- * PROPERTY SETBACKS MUST BE INDICATED
- * GROUND MOUNT DETAIL
- * FOOTINGS DETAILS
- * ELECTRICAL LINE DRAWINGS
- * STRUCTURAL ANALYSIS
- * PANEL DETAILING
- * MOUNTING SPECS
- * INSTALLATION INSTRUCTIONS
- * TRENCHING DETAIL IF APPLICABLE

ALL PLANS MUST INDICATE CURRENT BUILDING CODES (2019 CBC), EXPOSURE CATEGORY "C", ATTACHMENT RAIL SPAN CHART, A MINIMUM WIND SPEED OF WHAT IS APPROPRIATE FOR MERCED COUNTY.

ALL RESIDENTIAL PLANS MUST BE SUBMITTED WITH A SIGNED AND DATED SOLAR CONTRACT WITH LEGAL PROPERTY OWNER (NOT REQUIRED FOR OWNER/BUILDER PERMITS)

ALL SUBMITTALS MUST BE ON 11X17 PAPER OR SMALL (2 COMPLETE SETS OF PLANS) OR PDF FILE ON CD/FLASHDRIVE.

****ALL AG/COMMERCIAL PROJECTS MUST INCLUDE A SOILS REPORT & MUST BE STAMPED BY AN ENGINEER &/OR ARCHITECT****