



# CITY OF ORANGE BUILDING DIVISION

300 E. Chapman Avenue, Orange, California 92866

## Non-Residential Rooftop Heating and Cooling

The following elements are required for Non-Residential rooftop Heating and Cooling Permit Applications:

1. Approval is required by the Planning Department (Zoning).
2. All sheets of plans must be wet-signed by a California license Architect, civil/structural engineer, California licensed Mechanical engineer or general contractor who prepared the documents.
3. Add note "All design and plans based on the 2016 CBC, CMC, CEC, CPC, and 2016 Building Energy Code.
4. Provide a roof plan and showing mechanical unit locations and the unit weights.
5. Provide the following design data on the first sheet:
  - a. Scope of works (Description of use)
  - b. Occupancy groups
  - c. Type of construction
  - d. Sprinkler Building
  - e. Floor Area
  - f. Number of Stories
  - g. APN (Assessor parcel Number).
6. Provide sheet index for the project on the on the first sheet of plans.
7. Provide Vicinity map on the first sheet of plans.
8. Provide seismic anchorages details for all the new or replacement of the mechanical equipment.
9. when the mechanical equipment are more than 400 pounds required structural calculations and details for seismic anchorages and checking existing roof framing by a California license civil/structural engineer.
10. Provide Title 24 energy forms & calculations.
11. List and provide detail for any smoke detection or smoke control equipment that is being added or removed.
12. Provide (3) three signed sets of plans and (2) two signed sets of calculations.