

## **Commercial Mechanical**

## Drawings and Documents Checklist

Building and Safety Division/Permit Application Center City Hall / 555 Liberty St. SE / Room 320 / Salem, OR 97301-3503 503-588-6256 \* eplans@cityofsalem.net

If you need the following translated in Spanish, please call 503-588-6256.

Si usted necesita lo siguiente traducido en español, por favor llame 503-588-6256.

The permit process includes a review of your project drawings and documents. The following list is intended to be used as a guide in preparing the drawings and documents which are to be submitted electronically through ProjectDox. Contact a permit technician for assistance.

Note! Drawings and documents should be uploaded in the order they appear below.

## **Drawings**

- 1. Site plan, drawn to scale, on minimum size of 11x17 page with north scale for mechanical located outside.
- 2. Roof layout
  - Google maps showing the location of roof top units will work for most simple replacements.
  - Set back from roof edge 10' or it requires a guard or alternate method and separation from intake 10'.
- 3. Floor plan showing all fixtures, venting, and piping locations, and any smoke/fire control devices through rated assemblies, if applicable.

## **Documents**

- 1. Ventilation calculations that include make up air calculations for hoods and HVAC systems.
- 2. Engineering required for the following unless exempt from plan review:
  - Units over 400 lbs.
  - Units 4 feet off the ground.
  - Air handlers over 75 lbs.
- 3. Gas pipe calculations only for gas lines over six feet:
  - Size of meter.
  - Size and type of pipe.
  - Length of pipe.
  - Demand on the system in BTUs.
- 4. Fire wrap or chase for hoods.
- 5. Specification or cut sheets for units or appliances, as applicable.