



MECHANICAL PLAN REVIEW

- Review permit application to find out; project size and occupancy use.
- Read project notes to find out the scope of work.
- Review Architectural floor plan to find out if there are any Fire rated walls.
- Go to the mechanical plans and read the descriptive notes from the designer to see if they are within the scope of the City of El Paso Municipal Code and its Amendments.
- If equipment is new look for the mechanical schedules data.
- Look for the “IECC” certificate supporting the information from the mechanical schedules and the Details for equipment installation such as A/C units, fire or smoke dampers, types of grilles, gas and condensate lines, and the final point of discharge of the condensate drain.
- If there were any Fire rated walls, mark them on the plan to see if any duct penetrates them and find out if they have the proper fire protection.
- Review the A/C unit’s coverage to check if they need to have Smoke detectors either by combination or per unit capacity.
- Depending on Occupancy use review air distribution (supply air and return air)
- Check the if amount of supply air is equal or less than the capacity of the A/C unit
- Check if the returned air is ducted or it is plenum return, so it needs to have notes that the plenum is Fire rated.
- If building is higher than 16 feet a permanent ladder is required to service the units on the roof, and if the units are closer than 10 feet to the edge of the building it will require a 42” guard rail.
- If all these are met the plans set is approved, otherwise it will be rejected and notes will be inserted in the comment box.