

LIST OF ELECTROMECHANICAL DRAWINGS FOR SUBMITTAL

To:

From:

Unit No.: Unit Name:

1- MECHANICAL

- ☐ Load calculations.
- ☐ Static pressure calculations.
- ☐ Duct sizes and heights above finished floor.
- ☐ Diffuser and grill schedule, locations, sizes and air quantities.
- ☐ Cooking hood details and equipment (if applicable).
- ☐ Make-up air unit details & specifications (if applicable).
- ☐ Fan specification for smoke and kitchen exhaust system (if applicable).
- ☐ Chilled water pipes (if applicable).
- ☐ Coordination plan with all other systems.

The drawings should show the followings details:

1. Damper locations.
2. Flexible connection (if applicable).
3. Hanger locations and Typical hanger details.
4. Thermostat or temperature sensor locations.
5. Fans specifications and selections.
6. Installation details.

2- FIREFIGHTING

- ☐ Locations of pendant sprinkler head with main and branch pipe sizes with height of ceiling drop.
- ☐ Locations of upright sprinkler head with main and branch pipe sizes with height of ceiling drop (if applicable).
- ☐ Dimensions drawings.
- ☐ Fire extinguisher locations (if applicable).
- ☐ Fire hose cabinet locations and pipe sizes (if applicable).
- ☐ Clean-Agent Fire protection system (if applicable).
- ☐ Coordination plan with all other systems.

The drawings should show the followings details:

1. Hanger locations and Typical hanger details.
2. Installation details.
3. Drawing should be matching with NFPA and Egyptian code.

3- PLUMBING

- ☐ Water network plan complete with sizing and dimensions.
- ☐ Drain network plan complete with sizing and dimensions.
- ☐ Vent network plan complete with sizing and dimensions.
- ☐ Dimensions drawings.
- ☐ Location of fixtures and water heater details and locations.

The drawings should show the followings details:

1. Hanger locations and Typical hanger details.
2. Directions and heights and the slop.
3. Clean - out and floor drain locations.
3. Locations of fixtures and specifications.
4. Locations of equipments and specifications.

4- ELECTRICAL

- ☐ Lighting plan.
- ☐ Power plan.
- ☐ Single line diagram and panel board schedule.
- ☐ Fire alarm plan.
- ☐ Sound system plan.
- ☐ Data and telephone plan (Low current plan).

The drawings should show the followings details:

1. Conduit and wire size.
2. Routing for main cable with sizing.
3. Circuit number.
4. Floor and wall outlets locations.
5. Fan, motors and all electrical equipment locations.
6. Phone and data outlets locations.
7. Lighting fixture layout including number of lamps per fixture, wattage and type of each lamp.
8. Emergency and exit light locations.
9. Panel board location.
10. Complete electrical panel schedule and load calculations.
11. Lighting fixture schedule.
12. Notes and specifications.
13. Location of fire alarm control panel.
14. Dimension plane for fire alarm system complete with all specifications.
15. List of equipments with electrical load for each one.

NOTE TO THE TENANT

1. All relevant documentation must be submitted in 2 sets of Drawings (hard copy) and a Soft copy.
2. All drawings are fully dimensioned and materials clearly referenced on drawings.

Name: Date:

Position:

Signature: