

June 5, 2026

**Village of Pinecrest**  
**12645 Pinecrest Pkwy, Pinecrest, FL 33156**

Re: Castro Residence  
12715 ROLLING ROAD DR  
Permit # BL2023-1053  
Attn: Plan Reviewer

Dear Sir or Madam,

Please find below the following narrative of the MEP changes under Revision #5&6.

**Plumbing REV5**

**Sheets PS-1 & P-1:**

- Please refer to the updated sheets reflecting the changes in the gas layout.

**Sheet P-4:**

- Gas isometric modified to reflect the changes.

**Plumbing REV6**

**Sheets PS-1, P-1 & P-1.1**

- Sanitary piping was rerouted to reflect the as-built revision.
- Bar sink was relocated.
- Water connection was added to the range.

**Sheets P-2, P-3 & P-4**

- Isometrics were revised to reflect the changes.

**Sheet P-5**

- Water heater model was revised.

**Electrical REV5**

**Sheets ES-1:**

- New panel P1 added at pool equipment area.

**Sheets E-1:**

- New panel P1 added at pool equipment area.
- Pool equipment connected to new Panel P1.

**Sheets E-3:**

- Electrical riser updated, new Panel P1 added, panel to be feed from Panel P.

**Sheets E-3.1:**

- Panels schedules updated.

- New Panel P1 added.
- Pool equipment moved from Panel P to Panel P1.

## **Electrical REV6**

### **SHEET ES-1:**

- Gate motors were added at the three driveway entrances.
- Column lights were added accordingly based on the provided picture.

### **Sheets E-1**

- Floor plan was updated with the latest layout.
- Wine chiller was added according to the provided specifications.
- Range was updated according to the provided specifications.
- Elevator lighting and sump pump were removed as requested.
- Receptacle for study fridge was provided.
- Floor plan updated to show the laundry layout.
- The two-floor outlets in the dining room were removed and replaced with two wall outlets: one located on the dining room side of the wall and the other on the family room side, as requested.

### **Sheets E-1.1**

- Coffee machine receptacle was added.

### **Sheets E-2**

- Lighting layout revised throughout the floor plan per As-Built Markups.
- Laundry lights circuit changed to the same as Bedroom#2.

### **Sheets E-2.1**

- Lighting layout revised throughout the floor plan per As-Built Markups.
- Café bar lights circuit provided.
- Hall computer counter lights circuit provided.

### **Sheets E-3**

- Panels KAIC has changed accordingly.

### **Sheets E-3.1**

- Panels were revised and updated based on the latest electrical contractor panels.
- Demand load's updated with the revised panels.
- Demand load for panel c was added.

## **Mechanical REV5**

### **Sheets M-1:**

- AC ductworks were updated following the previous coordination.
- Cabana Uniy#4 layout was updated.

- Diffuser dimensions and locations have been updated in the dining room, bar, family room, family entry, bedroom 2, and study room.

#### **Sheets M-1.1:**

- In the master area, the layout, AHU-5 location, ductwork, and diffuser locations have been updated.
- On AHU-3, the return ductwork has been connected to a ceiling return plenum.
- In bedroom 5, hallway, bedroom 4, landing, and bedroom 3, the diffuser locations have been updated.

#### **Sheets M-2:**

- AC schedules were updated to match the units Rheem approved.
- Cabana Uniy#4 was updated to Conceal ducted units approved.
- The air distribution schedule table has been updated.

**Energy and Heat load calculation were updated to reflect the correct equipment.**

#### **Mechanical REV6**

##### **Sheets M-1**

- Kitchen hood airflow has been updated to 600 CFM.
- The make-up air system has been revised to utilize one (1) 6'-2" linear slot diffuser.
- Drywell locations have been coordinated based on the as-built conditions.
- The entry door to the laundry room has been removed; therefore, the proposed 34" x 4" transfer grille above the door has been eliminated.

##### **Sheets M-1.1**

- No changes

##### **Sheets M-2**

- Air Distribution Schedule table was updated with the correct Type D diffuser used, USAIRE 6600 Series Model: 6615 – 1.5”.

If you should have further questions, please contact us at your earliest convenience.

Sincerely,

AmariliPs Rodriguez, P.E

ARPE Engineering, Inc.

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