SECTION 26 27 26 – WIRING DEVICES

PART 1 – GENERAL

1.1 RELATED SECTIONS

A. Section 26 51 00 – Interior Lighting

C. Section 23 34 23 – HVAC Exhaust Ventilation

1.2 REFERENCES

A. NFPA 70, National Electrical Code (NEC).

B. UL standards applicable to switches, receptacles, GFCI devices, and wallplates.

C. Comply with applicable state and local electrical codes.

1.3 SUBMITTALS

A. Product data for switches, standard receptacles, GFCI receptacles, and wallplates.

B. Submit color/finish samples when requested.

C. Submit any substitutions for review and approval by Architect.

1.4 QUALITY ASSURANCE

A. Provide wiring devices listed and labeled for intended use and compatible with existing branch-circuit voltage and amperage.

PART 2 – PRODUCTS

2.1 GENERAL

A. Manufacturer: Lutron Electronics Co., Inc. or Approved Equal.

B. Style: Claro or Approved Equal

C. Provide replacement devices with large paddle switch and screwless wall plates.

D. Color: White

2.2 STANDARD NON-DIMMABLE SWITCHES

A. Manufacturer: Lutron Claro CA-1PS-WH single-pole 15A, 120V on/off rocker/paddle switch, or Approved Equal.

B. Provide standard non-dimmable switch for replacement of existing switches unless another function is specifically indicated.

C. Switches controlling ventilation exhaust fans shall be rated for motor loads and compatible with connected equipment.

2.3 GFCI RECEPTACLES

A. Manufacturer: Lutron Claro tamper-resistant, self-testing GFCI receptacle, CAR-15-GFST-WH or corresponding 20A model where required by existing circuit and code, or Approved Equal.

B. Provide self-testing technology, status indication, reset/test controls, and feed-through protection as applicable.

C. Provide GFCI protection at bathroom receptacle locations as required by code.

2.4 STANDARD RECEPTACLES

A. Manufacturer: Lutron Claro CAR-15-WH standard duplex receptacle or tamper-resistant equivalent where required by code, or Approved Equal.

B. Provide 15A or 20A rating as required to match existing branch circuit and applicable code.

C. Replace existing standard receptacles indicated within renovation limits.

2.5 WALL PLATES

A. Manufacturer: Lutron Claro screwless wallplates, or Approved Equal, coordinated with device count and gang configuration.

B. Provide seamless snap-on face with concealed mounting hardware.

C. For removal of Pull Chord, replace with blank Lutron Claro wall plate or Approved Equal.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify existing circuit ratings, wiring condition, grounding, box size, and device configuration before replacement.

B. Do not install devices on damaged or noncompliant wiring without notifying Contractor/Owner.

3.2 INSTALLATION

A. Remove existing devices indicated for replacement and install new devices in existing boxes where suitable.

B. Install devices plumb, secure, and flush with finished wall surface.

C. Provide new wall plates sized to fully cover existing openings and finish irregularities where practicable.

D. Connect grounding conductors and test polarity and GFCI operation.

E. Do not provide dimmers unless specifically indicated.

3.3 FAN CONTROL COORDINATION

A. Where a Lutron Claro switch controls the Panasonic RG-E110THA fan specified in Section 23 34 23, use a standard 15A single-pole on/off switch, or Approved Equal.

B. The fan contains integral automatic humidity and motion sensing. The wall switch shall remain in the ON position for the fan and automatic sensors to remain powered.

C. Label fan switch “VENTILATION – LEAVE ON” or provide other Owner-approved means to discourage routine shutoff while retaining service disconnect capability as permitted by code.

3.4 TESTING

A. Test switches and receptacles for proper operation. Test GFCI devices using integral test/reset function and approved tester.

B. Correct deficiencies before Substantial Completion.

END OF SECTION