SECTION 16140
WALL SWITCHES

PART 1 GENERAL

1.01 WORK INCLUDED

A. Provide wall switches for control of lighting, receptacles and all other required functions.

1.02 SHOP DRAWINGS AND DESCRIPTIVE DATA

A. Shop drawings and descriptive data shall be submitted in accordance with Section 16010 and shall, as a minimum, include the following:

1. Manufacturer’s complete catalog data.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURES

A. Wall switches, receptacles and plates shall be of the same manufacturer insofar as possible.

B. Wall switches shall be as manufactured by:

1. Hubbell
2. Leviton
3. Arrow-Hart
4. P&S

C. Products shall comply with Federal specification W-S-896E.

2.02 MATERIALS

A. 120/277 volt wall switches shall be specification grade rated 20 amperes and shall be quiet quick make, quick break with toggle handle, and totally enclosed case. Other ampere switches may only be used with UCB permission.

B. Two pole, 3-way and 4-way switches shall be of the same construction.

C. Key operated switches shall be same as above except with locking type mechanism.

D. Switches shall have color coded bodies as follows:
   20A - Red
   30A - Green

E. Switches with pilot light shall be the same as above except that switches shall be equipped with and connected to an integral pilot light.

F. Switches shall be in accordance with the following schedule:

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>HUBBELL CATALOG NO.</th>
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<tbody>
<tr>
<td>Single Pole Switch</td>
<td>1221</td>
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AUGUST 2010 UCB STANDARDS 16140-1
Single Pole Switch with Pilot Light (120 V - load on)  
PLC
2 Pole Switch 1222
3-Way Switch 1223
4-Way Switch 1224
3 Position Switch (momentary contact) 1557
3 Position Switch (momentary contact) 1557 - L
Single Pole Switch (locking) 1221 - L
2 Pole Switch (locking) 1222 - L
3-Way Switch (locking) 1223 - L
4-Way Switch (locking) 1224 - L
Single Pole Switch with Pilot Light (277V - load on) 1222-
PL7
3 Position Switch (maintained contact) 1385
3 Position Switch (maintained contact) 1395-L

G. Switch color to be ivory unless otherwise specified. Verify color with Architect prior to ordering.

H. Switch for life safety circuits shall be red.

I. Grounding screw on all devices.

PART 3 EXECUTION

3.01 INSTALLATION

A. Switches shall be located as indicated on drawings, arranged singular or in gangs and within 18” of the door jam on the strike side of the door openings. Verify the door swings with the Architectural drawings prior to rough-in.

B. Install life safety system switches separate from normal power switches. Do not include in the multiple gang configuration.

C. Switch and receptacle combinations shall be as above in a 2-gang box where both are of the same voltage. Provide separate boxes where different voltages are present.

D. All switches in Mechanical rooms, Electrical rooms and other such places shall be a lighted handle single pole light switch(es) as required.

E. Provide circuit and panelboard identification on outside of all switch plates with electronic label maker.

END OF SECTION 16140