

B. Execution

1. Panels shall be mounted so that top of panels are at 6'-0" above floor.
2. A glazed directory frame shall be provided inside the door and shall be of sufficient size to give description of each circuit. Typed directory cards shall be provided listing each circuit served.

END OF SECTION 262600

SECTION 265000 - LIGHTING

PART 1 - GENERAL

1.1 GENERAL

A. Work Includes

1. Interior Lighting
2. Exterior Lighting

PART 2 - PRODUCTS

2.1 BALLASTS

- A. All fluorescent luminaires that utilize double ended lamps that have a ballast(s) that can be serviced in place shall have a disconnecting means compliant with NEC 410.130(G) 1, 2, and 3. The disconnect shall be either internal by the manufacturer or external and line side terminals shall be guarded.

2.2 LED DRIVERS

- A. LED drivers shall be UL listed for intended use. Drivers shall be integral to the luminaire assembly and rated for 120-volt input.
- B. Interior recessed downlight drivers shall be line voltage dimming capable out of box.
- C. Exterior luminaires shall be equipped with cold weather listed components.
- D. LED drivers must carry a manufacturers warranty as part of the luminaire assembly.

2.3 LAMPS

- A. Provide all lamps required. At the conclusion of the work, each fixture must be equipped with the proper number of new lamps of the correct size and type, all in good operating condition.
- B. LED lamps shall be 90 CRI minimum for interior fixtures.

PART 3 - EXECUTION

3.1 EXECUTION

- A. All fixtures shall be securely supported with approved hangers. Fixtures shall be supported from structural ceiling or structural supports, not suspended ceiling supports. Fluorescent recessed fixtures must be supported at the four corners and secured to suspended ceiling supports in accordance with the N.E.C. Surface mounted fixtures must have additional ceiling support as acceptable by the Architect.
- B. Provide low temperature drivers on all exterior fixtures.
- C. Plaster frames shall be furnished for each recessed fixture installed in plaster ceilings.
- D. Recessed incandescent/LED fixtures shall have thermal cut-out protection in accordance with the National Electric Code.
- E. Luminaires shall be installed free of imperfections/damage.

END OF SECTION 265000

SECTION 277000 - COMMUNICATIONS RACEWAY SYSTEM

PART 1 - GENERAL

1.1 WORK INCLUDES

Telephone and Data Conduit and Boxes

1.2 RELATED WORK SPECIFIED ELSEWHERE

- A. Section 260100 - General Electrical Provisions
- B. Section 260500 - Basic Materials and Methods

PART 2 - PRODUCTS

2.1 TELEPHONE AND DATA CONDUITS AND BOXES

- A. The Contractor shall provide combination telephone/data outlet boxes, conduit and miscellaneous fittings and materials. Owner's system supplier shall furnish Telephone/data equipment, terminals, jacks, coverplates, cabling, cable terminations and the associated labor.
- B. The Telephone Terminal Boards shall be new, flame retardant treated, 8' x 4' x 3/4". Refer to architectural dimensioned drawings for location.
- C. Combination telephone/data outlet boxes shall be 4 inches square with single gang plaster ring. Telephone only, data only, and fax outlets shall be similar. The blank coverplate shall be provided for all unused outlets.
- D. Combination telephone/data outlet boxes shall be rated for use in floor as required by the electrical drawings.

PART 3 - EXECUTION

3.1 TELEPHONE AND DATA CONDUITS AND BOXES

- A. All conduits required for telephone outlets as shown on the drawings shall be provided complete with pull strings. Conduits shall be 3/4" minimum unless otherwise noted on the drawings. Provide conduit from each outlet to above the accessible furnished ceiling. Provide an insulated bushing on the end of the conduit. Provide conduit with a pull string. Conduits run in the floor shall be routed to the telephone terminal board (concealed).
- B. Mounting heights shall be as indicated on the drawings. Verify heights with Architect.

END OF SECTION 277000