

SECTION 260590 - ELECTRICAL SPECIALTIES**PART 1 - GENERAL****1.1 SUBMITTAL REQUIREMENTS****A. Product Data**

1. For equipment, materials and systems specified in this section. Include product data, descriptive information, technical data, wiring diagrams, etc.

PART 2 - PRODUCTS**2.1 ELECTRICAL SPECIALTIES****A. Reel-Mounted Drop Cords**

1. Provide Insul-8 1200 Series PowerReel reels with cord (or equivalent by Woodhead) with length of #12/3-600V cord as determined in field (coordinate with Owner and field conditions). Provide matching heavy-duty NEMA 5-20R cord-cap receptacle with heavy-duty strain relief.
2. Cord reel shall be white.
3. Provide reel-mounted drop cord units where indicated on the drawings. Field-verify locations with Owner.
4. Connect each reel unit to a separate 20A/1P, 120V GFCI circuit breaker. Wire circuits with separate neutrals for each circuit.
5. Provide cord-ball-stop on drop cord to limit cord return to be a maximum of 7 feet (verify with Owner) above the floor.
6. Adjust cord reel to permit maximum extension of receptacle to be 24 inches above floor.

B. Electrically Operated Overhead Doors

1. Provide power wiring to motor assembly.
2. Provide local disconnect (and starter if not furnished with door operator) at each motor.
3. Provide identified flush mounted local disconnecting means within sight of each controller location.
4. Install and wire wall mounted control stations.
5. Install and wire associated control, safety and accessory devices.
6. Field-verify locations of switches and controllers with Design Professional.
7. Provide automatic door closer control system as defined on drawings.

C. Residential Type Washers and Dryers

1. Provide power to washers and dryers. Provide either direct connections or cord & plug connections (including cords, plugs and receptacles) as determined in field.
2. Provide dedicated 20A/1P, 120V circuit and GFCI receptacle for washers.
3. Wherever a residential style dryer power outlet is indicated, provide a flush NEMA 14-30R wall outlet receptacle and a matching 30A dryer cord-set 6 feet long and include the connection of this cord-set to the equipment. Provide dedicated 30A/2P circuit.
4. Note that the washer and dryer may be separate residential type units, or a single stacked washer/dryer unit. Field verify electrical requirements for the Washer/Dryer equipment with equipment installer prior to rough-in. Provide GFCI source breaker if hard-wired connections are required.
5. If cord & plug dryer vent booster fans are provided by Owner or under Division 23, provide GFCI duplex receptacle near each fan and connect to the 20-ampere/120V laundry circuit that serves the washer.

D. Residential Type Dishwashers

1. Provide flush wall switch (plate engraved: "Dishwasher") above counter and provide power wiring and connections. Provide dedicated 20A/1P, 120V circuit.

E. Residential Type Disposals

1. Provide flush wall switch (plate engraved: "Disposal") above counter and provide power wiring and connections. Provide dedicated 15A/1P, 120V circuit.

F. Emergency-Power-Off for Kitchen Equipment

1. See detail(s) on drawings.

PART 3 - EXECUTION - REFER TO APPLICABLE "PRODUCTS" SUB-SECTIONS ABOVE

END OF SECTION 260590