

**Division 11**  
Equipment



## SECTION 11175

### TRASH CHUTE

#### **PART 1 – GENERAL**

##### **1.1 RELATED DOCUMENTS**

- A. The General Provisions of the Contract, including the General and Supplementary Conditions and General Requirements, apply to the work specified in this section.

##### **1.2 DESCRIPTION**

- A. Work included: Furnish and install where shown on plans a 24" diameter trash chute as manufactured by Wilkinson Chutes and represented by Ben F. Perry Co., Inc. 770-441-9141 or Architect approved equivalent.

##### **1.3 SUBMITTAL**

- A. Product Data: Manufacturer's product specifications, standard details and recommendations for conditions, indicate selected sizes and installation details specific to the project.
- B. Shop Drawings:
  - 1. Plans: Scale ¼ inch to 1 foot: Indicate locations, dimensions, and required associated construction activities.
  - 2. Elevations/Sections: Scale ¼ inch to 1 foot: Indicate locations, dimensions and required associated construction activities.
  - 3. Details: Scale ¼ inch to 1 foot; indicate:
    - a. Shop drawings specific to project conditions.
    - b. Interface with adjacent construction.
    - c. Dimensions and tolerances
    - d. Products required for installation of trash chute but not supplied by trash chute manufacturer.
- C. Quality Assurance/Control Submittals:
  - 1. Contractor's certification that:
    - a. Products of this section are manufactured by Wilkinson Chutes or approved equal.
    - b. Manufacturer's certification that installer of manufacturer's product is approved.



- c. Applicable Standards: National Fire Protection Association (NFPA 82) standards as referenced herein.
- D. Close-out Submittals:
  - 1. Operation and maintenance data
    - a. Manufacturer's printed operational manual.
  - 2. Warranty documents: Issued and executed by the manufacturer and installer of the system.

#### **1.4 QUALITY ASSURANCE**

- A. Qualifications:
  - 1. Manufacturer: Minimum five (5) years experience producing products specified in this section.
  - 2. Installer: Approved by the Manufacturer and having a minimum of five (5) years experience.

#### **1.5 RELATED WORK BY OTHERS, SPECIFIED ELSEWHERE**

- A. The following work is excluded from the scope of work in this section 11175 and is included in other divisions of the specifications.
  - 1. Roof flashing around the chute.
  - 2. Plumbing connections to flushing and fire sprinkler heads.
  - 3. All wiring and conduit.
  - 4. Installation of access door above top intake (for flushing spray and D&S unit).

#### **1.6 WARRANTY**

- A. Manufacturer's warranty: Furnish one year warranty from date of Certificate of Occupancy. Warranty shall apply to defects in product material and workmanship.

### **PART 2 – PRODUCTS**

#### **2.1 MANUFACTURERS**

- A. Acceptable manufacturers: Specification design is around Wilkinson Chutes.
- B. Substitutions: Must be pre-approved by Architect.
- C. Components:
  - 1. The chute shall be 24" diameter made of #16 gauge aluminized steel.



2. Intake Doors: Stainless steel, 15" wide x 18" high, bottom hinged, hand operated, self closing, positive latching doors bearing 1 & ½ hour Underwriters Laboratories U.L. "B" Label designation and rated for a 250 degree F maximum door temperature rise over 30 minutes.
3. Intake Door Trim: Stainless steel trim with the word (RUBBISH) embossed across the top.
4. Discharge Door: #16 gauge aluminized steel type "A" open end rolling door made with "B" label construction with 165 degree F fusible link to hold open on an inclined steel track at the bottom of the chute.
5. Vent: Chute shall extend full diameter through roof to metal vent cap 4'-0" above roof level with insect screen.
6. Accessories: ¾ inch IPS flushing spray head and ½ inch sprinkler head above top intake and oven every other floor downward with one sprinkler on the first intake floor or as required by local codes.
7. Provide Disinfecting and Sanitizing unit for installation inline to the flushing spray head. Connection to flushing spray head, back flow prevention valve and electric controls if any, by others.
8. Access Door for Disinfecting and Sanitizing Unit: provide a 12" wide x 12" high side hinged right hand operated, self closing, positive latching, UL 1 & ½ hour U.L. "B" label stainless steel access door with stainless steel trim. The access door to be installed by the Contractor installing walls around chute.
9. Offsets: If required, shall be made the same diameter as the chute but having #12 gauge chute material at the impact area. Offsets are not to deviate more than 15 degrees from the vertical axis of the chute without approval from local authorities.
10. Sound Insulation: Provide Daubert 934 sound coat (or equal) vibration dampening compound to the exterior of the chute only. Include Korfund sound isolator pads at each floor support frame.
11. Odor Control System: Spray-head to be installed in the chute at discharge room. System to be 110 volt programmable spray system to disperse Air Solution at intervals required to control odors. System to include one (1) year supply of Air Solution.

## **2.2 FABRICATION**

- A. The trash chute shall be fully factory assembled and all joints, except those required to separate the sections for shipment and installation shall be welded or lock-seamed tight. The intake doors shall be bolted in place on throats formed into the chute. All chute sections shall flash inside the sections below and there shall be no bolts, clips, or other projections inside the chute to snag the flow of material. Pre-positioned support frames shall assure proper intake levels and there shall be an expansion joint in the chute between all support joints. Discharge



hoppers and offsets, where required shall be reinforced and separately supported in the impact area.

### **PART 3 – EXECUTION**

#### **3.1 INSTALLATION**

- A. Install trash chute in accordance with shop drawings and manufacturer's printed installation instructions, manufacturer's representative is to provide letter to Architect approving installation.

#### **3.2 DEMONSTRATION**

- A. Arrange demonstration of system operation, conducted by manufacturer's representative, to Owner's maintenance personnel.

**END OF SECTION 11175**



## **SECTION 11450**

### **RESIDENTIAL EQUIPMENT**

#### **PART 1 - GENERAL**

##### **1.1 APPLIANCES**

- A. Refrigerator - GE Model TBX21C1BWW
- B. Dishwasher – GE Profile Performance #GSD4940ZSS (Stainless front)
- C. Range – GE Model JSP34WWWW
- D. Microwave – GE Spacemaker Plus, Model JVM1431W
- E. Disposal – GE Model GFC300V
- F. Washer – By Owner
- G. Dryer – By Owner

##### **1.2 COLOR**

- A. White

**END OF SECTION 11450**

