

## SECTION 11 3100

### APPLIANCES

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Work of this Section includes kitchen appliances for the main kitchen and guest kitchen.
- B. Related Documents and Sections: Examine Contract Documents for requirements that directly affect or are affected by Work of this Section. Other Documents and Sections that directly relate to work of this Section include, but are not limited to:
  - 1. General provisions of the Contract, including General and Supplementary Conditions, and Division 01 General Requirements Specification Sections.
  - 2. Division 26 - ELECTRICAL.

##### 1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's printed descriptions of materials and systems, performance criteria, use limitations, recommendations and installation information.
- B. Quality Assurance Submittals:
  - 1. Certificates: Submit with manufacturer's signature certifying that each product and/or system meets the requirements of the performance characteristics, physical criteria, and applicable standards specified.
  - 2. Manufacturer's Instructions: Installation.
  - 3. Qualification Statements: Submit a letter, on printed letterhead and signed by an officer of the firm, for each listed quality assurance qualification listed, attesting to meeting each requirement called out.

##### 1.3 QUALITY ASSURANCE

- A. Qualifications:
  - 1. Manufacturer Qualifications: A firm experienced a minimum five (5) years in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance.
  - 2. Installer Qualifications: Perform installation with skilled, experienced and trained workmen supervised by trained personnel who shall have at least three (3) years successful experience in installations of similar size and scope.
- B. Source Limitations: Obtain each different type of appliance through one source from a single manufacturer.
- C. Regulatory Requirements: Comply with the following:
  - 1. NFPA: Provide electrical appliances listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- D. Sustainability Requirements:
  - 1. Furnish EnergyStar Certified appliances where available.

- E. Accessibility: Where residential appliances are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines.
- F. Pre-installation Meeting: Purpose is to review installation procedures and warranty requirements.

## **PART 2 PRODUCTS**

### **2.1 KITCHEN AND LAUNDRY APPLIANCES**

- A. Dishwasher: 24" dishwasher Panel-Ready
- B. Disposal: Insinkerator Emerson Evolution Pro 880LT Garbage Disposal w/ Dornbracht Air Switch
- C. Espresso Machine: MIELE 24" Built-in coffee machine with bean-to-cup system
- D. Refrigerator: 30" Column Refrigerator Panel-Ready
- E. Refrigerator (Penthouse): 36" Column Refrigerator Panel-Ready
- F. Freezer: 24" Column Freezer Panel-Ready
- G. Freezer (Penthouse): 36" Column Freezer Panel-Ready
- H. Microwave: 24" Microwave Drawer
- I. Outdoor Grill: 52" Built-In Outdoor Grill
- J. Outdoor Refrigerator: 24" Undercounter refrigerator – outdoor model
- K. Range: 48" Dual-Fuel Steam Range with Griddle - Contemporary
- L. Ventilation: Zephyr Ventilation 48" Monsoon II Insert
- M. Wine Refrigerator: (2) 24" Undercounter or (1) 24" integrated column win; panel- ready.
- N. Washer: LG Signature Washer
- O. Dryer: LG Signature Dryer

## **PART 3 EXECUTION**

### **3.1 PROJECT CONDITIONS**

- A. Existing Conditions
  - 1. Field measurements: Verify openings and layout of areas to receive appliances to insure proper fit, including adequate spacing for appliances, as indicated by manufacturers.

### **3.2 PREPARATION**

- A. Product handling in accordance with manufacturer's instructions.
  - 1. Remove shipping / storage protection
  - 2. Strictly adhere to manufacturer's handling and installation safety requirements.
- B. Prepare substrate(s) in accordance with manufacturer's instructions, which may include the following:

1. Clean surfaces.
2. Level exposed and shim hidden substrate surfaces as needed.
3. Framing, blocking or other necessary structural reinforcement.

### 3.3 INSTALLATION

- A. Install in complete accordance with the manufacturer's written instructions.
- B. Install items included in this Section in locations and at mounting heights indicated, or if not indicated, at heights to comply with applicable regulations of governing authorities.
  1. Comply with ADA guidelines for accessibility appliance installations, where required.

### 3.4 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish other discarded materials from Project site.
- B. Protect the work of other trades and work of this Section already installed against soiling and damage by the exercise of reasonable care and precautions. Repair or replace any work so damaged or soiled.
- C. At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.

**END OF SECTION**

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