

## **SECTION 06 10 53**

### **CARPENTRY**

#### **PART 1: GENERAL**

##### **1.01 RELATED DOCUMENTS**

- A. Drawings, Details of Construction and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification Sections, apply to work specified in this section.

##### **1.02 SUMMARY**

- A. Section includes:
  - 1. Miscellaneous blocking, sleepers and nailers, shown on Drawings or required.
  - 2. Preservative-treated blocking/sill sealer for anchorage of windows, storefront and entrances.
  - 3. Blocking within gypsum wallboard partitions for support of markerboards, grab bars, toilet accessories, casework, hardware, other wall mounted specialties.
- B. Related work specified in other sections:
  - 1. Concrete Formwork - Section 03 30 13
  - 2. Insulation - Section 07 21 00

##### **1.03 QUALITY ASSURANCE**

- A. Lumber Grades: Western Wood Products Association "Product Use Manual".
- B. Preservative Treated Lumber: American Wood Preservers Bureau, "LP-2 Pressure Treated with Water-Borne Preservatives".

##### **1.04 SUBMITTALS**

- A. Submit in accordance with Section 01 33 00.
  - 1. Furnish certificates for preservative treated lumber.
  - 2. Submit roofing material manufacturer's current printed instructions for installation of nailers.

##### **1.05 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Immediately upon delivery to job site, place materials in area protected from weather.
- B. Store materials a minimum of 6 in. above ground on framework or blocking and cover with protective waterproof covering providing for adequate air circulation or ventilation.
- C. Do not store seasoned material in wet or damp portions of building.
- D. While unloading, protect sheet materials from corners breaking and damaging surfaces.

## **1.06 COORDINATION**

- A. Coordinate blocking for roof applications with Divisions 22 and 23.
- B. Coordinate blocking for windows, storefront and entrances with Section 08 40 00.
- C. Coordinate blocking for miscellaneous specialties with Division 10 suppliers.
- D. Coordinate blocking for door stops in gypsum walls with Section 08 71 00.
- E. Obtain product data, sizes and anchorage requirements prior to installation of blocking.

## **PART 2: PRODUCTS**

### **2.01 ROUGH HARDWARE**

- A. Nails, spikes, screws, bolts and similar items of size and types to rigidly secure members in place or as otherwise indicated.
- B. Non-corrosive type fasteners for redwood and preservative treated and fire retardant lumber such as stainless steel or double dipped galvanized.
- C. Sill Sealer: Closed-cell plastic foam, ¼" thick, selected from manufacturers' standard widths to suit width of sill members indicated.

### **2.02 LUMBER**

- A. Framing, blocking lumber: No. 2 or better, S4S, Douglas Fir-Larch, Hem-Fir or Southern Pine, moisture content not to exceed 19%.
  - 1. Provide preservative-treated lumber for work exposed to moisture or indirect contact with concrete slabs. Preservative-treated lumber is not required for roof blocking.
  - 2. Provide fire-retardant lumber for all interior framing and blocking. Blocking for handrails, millwork, cabinets, window and door frames do not require fire-retardant lumber in Type I and Type II construction.

### **2.03 PLYWOOD**

- A. Meet APA C-D exterior, thickness as shown on Drawings.
- B. Provide preservative-treated plywood when exposed to moisture, and as shown on Drawings.
- C. Interior Finish Plywood: Paint grade birch.

### **2.04 INSULATION**

- A. Batt Insulation: Conform to requirements of Section 07 21 00, Insulation.

## **PART 3: EXECUTION**

### **3.01 ROUGH CARPENTRY**

- A. Provide wood nailers of size, shape where indicated, required.

- B. Fasten securely to substrate with appropriate fasteners. Use expansion-type anchors at masonry or concrete, self-tapping screws at steel. Use corrosive resistant fasteners for roofing applications or where otherwise exposed to moisture.
- C. Install work that is component of the roofing system according to roofing material manufacturer's current printed instructions.
- D. Install blocking for windows, storefront and entrances according to approved Shop Drawings. Blocking shall be continuous the width or height of rough openings, unless otherwise shown on Drawings. Install sill sealer under windowsill blocking as detailed
- E. Install blocking for finish materials, such as windows and sheet metal fascias, with minimum number of joints, plumb, level, true and straight with no distortions. Discard materials which are unsound, warped, bowed, twisted, improperly treated, not adequately seasoned.

### **3.02 INSULATION**

- A. Install fiberglass insulation within wood construction as noted on the drawings.

**END OF SECTION 06 10 53**

