SECTION 061000
ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY
A. Section Includes:
   1. Wood blocking and nailers.
   2. Plywood backing panels.
B. Related Sections:
   1. Section 011100 – Summary of Work, for demolition requirements at existing building.

1.2 SUBMITTALS
A. Product Data: For each type of process and factory-fabricated product.
   1. Include data for wood-preservative and fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements.
B. Research/Evaluation Reports: For the following, showing compliance with building code in effect for Project:
   1. Fire-retardant-treated wood.
   2. Power-driven fasteners.
   4. Expansion anchors.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL
A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review. Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.
   1. Factory mark each piece of lumber with grade stamp of grading agency.
   2. Provide dressed lumber, S4S, unless otherwise indicated.

2.2 FIRE-RETARDANT-TREATED MATERIALS
A. General: Comply with performance requirements in AWPA C20 (lumber) and AWPA C27 (plywood).
   1. Use Interior Type A, unless otherwise indicated.
B. Identify fire-retardant-treated wood with appropriate classification marking of testing and inspecting agency acceptable to authorities having jurisdiction.
C. Application: Treat items indicated on Drawings, and the following:
   1. Concealed blocking.
   2. Plywood backing panels.
2.3 MISCELLANEOUS LUMBER

A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:
   1. Blocking.
   2. Nailers.

B. For items of dimension lumber size, provide Standard, Stud, or No. 3 grade lumber with 19 percent maximum moisture content of any species.

C. For concealed boards, provide lumber with 19 percent maximum moisture content and any of the following species and grades:
   1. Mixed southern pine, No. 3 grade; SPIB.
   2. Eastern softwoods, No. 3 Common grade; NeLMA.
   3. Northern species, No. 3 Common grade; NLGA.
   4. Western woods, Construction or No. 2 Common grade; WCLIB or WWPA.

D. For blocking and nailers used for attachment of other construction, select and cut lumber to eliminate knots and other defects that will interfere with attachment of other Work.

2.4 PLYWOOD BACKING PANELS

A. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, in thickness indicated.
   1. Thickness: Not less than 5/8 inch nominal thickness unless indicated otherwise.

2.5 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified.
   1. Where rough carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A153/A153M.


C. Bolts: Steel bolts complying with ASTM A307, Grade A; with ASTM A563 hex nuts and, where indicated, flat washers.

2.6 MISCELLANEOUS MATERIALS

A. Construction Adhesives:
   1. Surebond SB-400 as manufactured by Surebond, Inc. (Perimeter Trim System).
   2. LN-602 as manufactured by Macco Adhesives (Perimeter Trim System).

PART 3 - EXECUTION

3.1 INSTALLATION

A. Prior to blocking installation, verify final locations for each blocking requirement in walk through with Construction Manager and Architect.

B. Prior to blocking installation, verify

C. Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry to other construction; scribe and cope as needed for accurate fit. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.
D. Securely attach rough carpentry Work to substrate by anchoring and fastening as indicated, complying with the following:
   1. NES NER-272 for power-driven fasteners.

3.2 WOOD BLOCKING, AND NAILER INSTALLATION

A. Provide blocking and framing as indicated and as required to support facing materials, fixtures, specialty items, trim, pipe and tube railings, drinking fountains, plumbing fixtures, wall-hung heating units, toilet compartments, toilet accessories, interior architectural woodwork, and other items indicated.
   1. Provide metal clips for fastening gypsum board at corners and intersections where framing or blocking does not provide a surface for fastening edges of panels. Space clips not more than 16 inches on center.

B. Install where indicated and where required for attaching other Work. Form to shapes indicated and cut as required for true line and level of attached work. Coordinate locations with other work involved.

C. Attach items to substrates to support applied loading. Recess bolts and nuts flush with surfaces, unless otherwise indicated.

END OF SECTION