

SECTION 06100  
ROUGH CARPENTRY



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PART 1 - GENERAL

1.01 DESCRIPTION

- A. Structural framing lumber, blocking and nailing strip grounds.
- B. Hardware for securing rough carpentry materials.
- C. Layout work.
- D. Related Work Specified Elsewhere:
  - 1. Cast-In-Place Concrete: Section 03300
  - 2. Finish Carpentry: Section 06200
  - 3. Entrances and Store Fronts: Section 08400
  - 4. Aluminum Windows: Section 08520
  - 5. Gypsum Wallboard Systems: Section 09260
  - 6. Toilet and Bath Accessories: Section 10800

1.02 QUALITY ASSURANCE

- A. Lumber grading standards and species, U.S. Department of Commerce PS-20-70.
- B. Fire retardant treated lumber shall provided a U.L. FR-S fire hazard classification and be identified
- C. Plywood grading standards, U.S. Department of Commerce PS-1-74.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Blocking, nailing strips and ground lumber, #2 fir or #3 Southern Yellow Pine.
- B. Plywood:
  - 1. Exterior work, C-C Ext.-APA.
  - 2. Interior work, C-D plugged Int.-APA.
- C. Wood preservation treating practices, federal specification TT-W-571. Treated wood shall be delivered with moisture content specified for untreated wood. Omit incising on exposed surfaces. Use paintable type treatment on exposed members and members in contact with finish materials. Brand, or stamp, all material on exposed face and treated material shall also bear the AWPI quality mark, or that of an approved independent inspection agency that maintains continuing control testing and inspection over the quality of the

product.

- D. Rough hardware, commercial quality, of ample size and type to support live and dead loads and to hold members securely in place and in conformance with national design specifications recommended by National Forest Products Association (previously National Lumber Manufacturers Association). Other fastening devices, either hand or machine driven, may be used if equally suitable and as strong as those shown or specified, and if such performance qualities have been properly determined, and if the Architect has given written approval of each type, size and use of such devices.
1. Anchor bolts, nuts and washers and other anchors to masonry to be zinc coated.

### PART 3 - EXECUTION

#### 3.01 INSTALLATION

- A. Horizontal wood members with any part to be placed less than 24" from finished grade, underside of concrete floor or footing, or other ground, earth or soil, shall be pressure preservation treated. Also, all wood nailing blocks and strips of all kinds shall be treated suitable species.
- B. Work shall be performed in conformance with good trade practice, recommendations of manufacturer's building codes, and these specifications unless specifically indicated otherwise on the drawings.
1. Fasten securely all parts of rough carpentry work in their proper place.
  2. Store lumber so it is properly ventilated; held straight; well-drained; protected from the elements; supported at points not over four (4) feet apart from bottoms of piles at least 1-1/2" above basic support; i.e. ground, concrete, wood floors, etc.
  3. Do not use in the permanent parts of the work any material which is suitable from any cause.
  4. Layout work carefully; cut material to fit; level, plumb, and braces to hold work in proper positions; drive nails and spikes home; and pull bolt nuts tight with heads and washers in closes contact with the work.
5. Install all plywood in conformance with

recommendations of manufacturers, building codes, recognized associations, and those specifications specifically indicated otherwise on the drawings. In case of conflict, the best and most restrictive requirements shall govern as determined by the Architect.

END OF SECTION



SECTION 06200

FINISH CARPENTRY

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PART 1 - GENERAL

1.01 DESCRIPTION

- A. All exposed exterior and interior woodwork.
- B. All necessary rough hardware for securing woodwork in place.
- C. Installation of finish hardware.
  - 1. Rough Carpentry: Section 06100
  - 2. Sealants and Caulking: Section 07951
  - 3. Prehung Wood Doors: Section 08211
  - 4. Finish Hardware: Section 08710

1.02 QUALITY ASSURANCE

- A. Lumber grading rules and species, U.S. Department of Commerce PS-20-70.
- B. Plywood grading standards, U.S. Department of Commerce PS-1-74.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Softwood - Douglas Fir, Grade B or better.
  - 1. Trim to be finger-jointed, paint grade.
- B. Hardwood - Birch, Grade B or better.
- C. Plywood
  - 1. Exterior Grade, A-C EXT-APA
  - 2. Interior Grade, A-A INT-APA
- D. Hardware, nails, screws, bolts, etc. for securing finish carpentry in place shall be commercial quality. Any suitable type and finish for interior dry locations. Galvanized or nonferrous hardware for all exterior work and for interior work in wet areas.
- E. White lead paste, TT-W-0025L, Type B.
- F. Sealing compound, TT-S-00239 or TT-S-227, Type 1 or 2 suit job conditions.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Work shall be performed in conformance with good trade practice, recommendations of manufacturer's building codes and these specifications.
  - 1. Protect materials against dampness and other damage during and after delivery. Store materials in dry, well-ventilated buildings free of extremely high or low temperatures and humidity, and extreme variations thereof.

3.02 INSTALLATION

- A. All work shall be well fitted and securely fastened in its proper location with nails, screws, or other approved fastening devices.
- B. Do not install work until material has been primed as specified in Section 09900.
- C. Interior trim shall have mitered corners.

END OF SECTION

SECTION 06410  
CABINET WORK

JUN 19 2012

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Base cabinets, wall cabinets, counter tops and storage cabinets.
- B. Cabinet Hardware
- C. Related Work Specified Elsewhere:
  - 1. Rough carpentry: Section 06100
  - 2. Finish Carpentry: Section 06200
  - 3. General Provisions, Mechanical: Section 15010
  - 4. General Provisions, Electrical: Section 06010

1.02 QUALITY ASSURANCE

- A. All cabinets shall meet all requirements of ANSI-A161.1 and the Architectural Woodworking Institute Standards for Standard Grade or better.
- B. Lumber grading rules and species - U.S. Department of Commerce PS-20-70.
- C. Plywood grading standards, U.S. Department of Commerce PS-1-74.
- D. Laminate Plastic - NEMA

1.03 SUBMITTALS

- A. Shop drawings and finish samples of all cabinet work shall be submitted to the Architect in accordance with General Conditions and Supplemental General Conditions.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Plywood (natural finish) N-A INT-APA
- B. Plywood AA-INT-APA
- C. Particle Board - CS 23-66
- D. Hardboard - FS LLL-11-35
- E. Laminate Plastic, Melamine Component - General purpose grade, satin or textured finish.

F. Hardwood - Birch or Beech, Grade B or better.

## 2.02 FABRICATION AND MANUFACTURE

- A. All cabinet work shall be fabricated from kiln dried sound stock with a moisture content not to exceed 12% at the item of fabrication.
- B. Cabinet work shall be fabricated in an established mill work shop by skilled craftsman.
- C. Face frame shall be constructed with front frame members of sound kiln dried hardwood. All frame members shall be mortised and tenoned with joints glued and stapled. Face frames shall be sanded to assure smooth face surfaces and no face nailing shall be permitted. End rails of face frame shall be added to receive end panels as herein specified and attachment shall effected through the use of blocks glued and stapled to the inside of face members and end panels.
- D. End panels shall be plastic face on plywood core where exposed and particle board where concealed from view. All ends shall be machined to permit the shelves, bottoms and tops to be let into the cabinet ends.
- E. Backs shall be plywood or hardboard attached flush to solid wood hanging rails and end panels.
- F. Shelves shall be plywood with hardwood nosing.
- G. Doors shall be of particleboard with plastic face and melamine backs.
- H. Bottoms of base cabinets shall be plywood let into ends and shall be supported by solid wood hanging rail and by lateral braces 16" o.c., which shall furnish complementary support to both base bottoms and toe kick.
- I. Drawers shall be constructed with fronts to match doors. Drawer sides may be printed fiberboard.
- J. Finish - exposed surfaces of cabinets shall be factory finished, consisting of plastic sheet melamine components. Interior of cabinets and drawers shall receive melamine sheet.
- K. Hardware
  - 1. Pulls - Stanley #4483
  - 2. Hinges - National #B-851
  - 3. Drawer Guides - KV-#1300
  - 4. Catches - Magnetic

- L. Counter top material shall be plywood or dense particleboard. Finish shall be plastic laminate, general purpose grade. Solid colors, smooth or textured finished.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. The Contractor shall provide grounds for the attachment of cabinet units. grounds must be straight and in proper alignment. Grounds are to be provided for the top and bottom of cabinets.
- B. Provide scribe molding at sides and bottoms of all cabinets. If cabinets do not align with floor, close gap with scribe or shoe molding. All openings into cabinet shelves, tops and back must be sealed. Tape will not be accepted.
- C. Cabinets shall be installed with screws level and plumb and shall not be racked or bind when completed. All doors and drawers shall work freely.

END OF SECTION

SECTION 06415  
PLASTIC LAMINATE



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PART 1 - GENERAL

1.01 SUMMARY

- A. Products Supplied But Non installed Under This Section
  - 1. Wall-hung counters
  - 2. Countertops for custom work.
- B. Related Work Sections
  - 1. Section 06100 - Rough Carpentry
  - 2. Section 06410 - Cabinet Work
  - 3. Division 15 - Plumbing

1.02 REFERENCES

- A. American National Standards Institute
  - 1. ANSI A161.2-1979 (R1987), 'Performance Standards for fabricated High Pressure Decorative Laminate Countertops'
- B. American National Standards Institute/National Electrical Manufacturer's Association
  - 1. ANSI/NEMA LD 3-1991, 'High Pressure Decorative Laminates'

1.03 SUBMITTALS

- A. Product Data
  - 1. Manufacturer's literature for plastic laminate
  - 2. Color selections

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Plastic Laminates
  - 1. Quality -
    - a. Countertops shall have post formed front edge and backsplash, except where detailed otherwise with plastic laminate meeting requirements of ANSI/NEMA LD 3 - PF 42. No raised lip on front edge, except on front edge of counters with kitchen type sink.
    - b. Other laminates shall meet requirements of ANSI/NEMA LD 3 -
      - 1) Vertical Applications - GP 28
      - 2) Horizontal (other than countertops)-GP

- c. Balancing Material - BK 20
  - d. AWI Quality Grade - Premium
2. Assemblies -
- a. Countertops shall meet requirements of ANSI A161.2
  - b. Adhesives for other than post-formed types shall be spray grade, high heat resistant, neoprene contact adhesive.
  - 3. Manufacture, Colors, Patterns and Finishes: See Drawings

END OF SECTION