

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

GENERAL

SUMMARY

Provide the work of this Section in accordance with requirements of the Contract Documents.

This Section includes, but is not limited to the following:

- Framing with dimension lumber.
- Rooftop equipment bases and support curbs.
- Wood blocking[, cants,] and nailers.
- Wood furring[and grounds].
- Wood sleepers.
- Utility shelving.
- Plywood backing panels.

Related Requirements:

- Division 06 Section "Sheathing" for sheathing, subflooring, and underlayment.
- Division 06 Section "Shop-Fabricated Wood Trusses" for wood trusses made from dimension lumber.
- Division 31 Section "Termite Control" for site application of borate treatment to wood framing.

DEFINITIONS

Miscellaneous Rough Carpentry: Carpentry work not specified in other Sections and not exposed, unless otherwise indicated.

Boards or Strips: Lumber of less than 2 inches nominal (38 mm actual) size in least dimension.

Dimension Lumber: Lumber of 2 inches nominal (38 mm actual) or greater size but less than 5 inches nominal (114 mm actual) size in least dimension.

ACTION SUBMITTALS

Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.

Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used and net amount of preservative retained.

Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Include physical properties of treated materials based on testing by a qualified independent testing agency.

For fire-retardant treatments, include physical properties of treated lumber both before and after exposure to elevated temperatures, based on testing by a qualified independent testing agency according to ASTM D5664.

For products receiving a waterborne treatment, include statement that moisture content of treated materials was reduced to levels specified before shipment to Project site.

Sustainable Design Submittals:

38 Building Product Disclosure and Optimization - Sourcing of Raw Materials:

39 Leadership Extraction Practices

40 Extended Producer Responsibility (EPR): Submit documentation indicating that manufacturers
41 have a take back or recycling program for the product purchased.

42 Wood Products: Certified by Forest Stewardship Council or USGBC approved equivalent.

43 Chain-of-Custody Certificates: For certified wood products. Include statement of costs.

44 Chain-of-Custody Qualification Data: For manufacturer and vendor.

45 Recycled Content: For products having recycled content, indicate percentages by weight of post-
46 consumer and pre-consumer recycled content.

47 Include statement indicating costs for each product having recycled content.

48 Sourcing of Raw Materials: For products that are required to comply with requirements for
49 regional materials, indicating location of material manufacturer and point of extraction, harvest, or
50 recovery for each raw material.

51 Include statement indicating distance to Project, cost for each regional material and the fraction by
52 weight that is considered regional.

53 Product Certificates: For materials manufactured within 100 miles of Project, indicating location
54 of material manufacturer and point of extraction, harvest, or recovery for each raw material.

55 Include distance to Project and cost for each raw material.

56 Indoor Environmental Quality, Low Emitting Materials: Building Products must be tested and compliant
57 with the California Department of Public-Health (CDPH) Standard Method V1.1-2010, using the
58 applicable exposure scenario.

59 Paints, and Coatings: For wet applied on site products, include printed statement of VOC content,
60 showing compliance with the applicable VOC limits of the California Air Resources Board
61 (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or the South Coast
62 Air Quality Management District (SCAQMD) Rule 1113, effective June 3,-2011.

63 Adhesives and Sealants: For wet applied on site products, submit printed statement showing
64 compliance with the applicable chemical content requirements of SCAQMD Rule 1168, effective
65 July 1, 2005 and rule amendment date of January 7, 2005.

66 Product Data: For installation adhesives, indicating VOC content.

67 Alternative tests for VOC above include ASTM D2369-10; ISO 11890 part 1; ASTM D6886-03;
68 or ISO 11890-2.

69 Methylene Chloride and perchloroethylene may not be added to paints, coating, adhesive or
70 sealants

71 a. Composite Wood: Submit documentation showing that wood used in the project has low
72 formaldehyde emissions that meet the California Air Resources Board ATCM for
73 formaldehyde requirements for ultra-low emitting formaldehyde (ULEF) resins or no added
74 formaldehyde resins.

75 Laboratory Test Reports: For installation adhesives, indicating compliance with requirements for low-
76 emitting materials.

77 **INFORMATIONAL SUBMITTALS**

78 Evaluation Reports: For the following, from ICC-ES:

79 Preservative-treated wood.

80 Fire-retardant-treated wood.

81 Power-driven fasteners.

82 Post-installed anchors.

83 Metal framing anchors.

84 Informational LEED Submittals: Provide data showing compliance with building disclosure and optimization for
85 Environmental Product Declarations (EPDs), Sourcing of Raw Materials, Material Ingredients, Product
86 Manufacturer Supply Chain Optimization as specified in Division 01 Section "Sustainable Design Requirements".

87 **QUALITY ASSURANCE**

88 Testing Agency Qualifications: For testing agency providing classification marking for fire-retardant-treated
89 material, an inspection agency acceptable to authorities having jurisdiction that periodically performs inspections to
90 verify that the material bearing the classification marking is representative of the material tested.

91 Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited
92 certification body.

93 Vendor Qualifications: A vendor that is certified for chain of custody by an FSC-accredited certification body.

94 **DELIVERY, STORAGE, AND HANDLING**

95 Stack lumber flat with spacers beneath and between each bundle to provide air circulation.

96 Protect lumber from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation
97 around stacks and under coverings.

98 **PRODUCTS**

99 **WOOD PRODUCTS, GENERAL**

100 Regional Materials: Dimension lumber[, **except treated materials**,] shall be manufactured within **100 miles** of
101 Project site from materials that have been extracted, harvested, or recovered, as well as manufactured, within 100
102 miles of Project site.

103 Regional Materials: Dimension lumber[, **except treated materials**,] shall be manufactured within 100 miles of
104 Project site.

105 Certified Wood: [**Lumber**] [**and**] [**plywood**] shall be certified as "FSC Pure"[**or "FSC Mixed Credit"**] according
106 to FSC STD-01-00 and FSC STD-40-004.

107 Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide
108 lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review.
109 Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the
110 rules indicated.

111 Factory mark each piece of lumber with grade stamp of grading agency.
112 For exposed lumber indicated to receive a stained or natural finish, [mark grade stamp on end or back of
113 each piece] [or] [omit grade stamp and provide certificates of grade compliance issued by grading agency].
114 Dress lumber, S4S, unless otherwise indicated.

115 Maximum Moisture Content of Lumber: [15 percent] [19 percent] [15 percent for **2-inch nominal (38-mm actual)**
116 thickness or less, 19 percent for more than **2-inch nominal (38-mm actual)** thickness] [15 percent for **2-inch**
117 **nominal (38-mm actual)** thickness or less; no limit for more than **2-inch nominal (38-mm actual)** thickness] [19
118 percent for **2-inch nominal (38-mm actual)** thickness or less; no limit for more than **2-inch nominal (38-mm**
119 **actual)** thickness] unless otherwise indicated.

WOOD-PRESERVATIVE-TREATED MATERIALS

Preservative Treatment by Pressure Process: AWP A U1; Use Category UC2[for interior construction not in contact with ground, Use Category UC3b for exterior construction not in contact with ground, and Use Category UC4a for items in contact with ground].

Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium.[**Do not use inorganic boron (SBX) for sill plates.**]
For exposed items indicated to receive a stained or natural finish, chemical formulations shall not require incising, contain colorants, bleed through, or otherwise adversely affect finishes.

Kiln-dry lumber after treatment to a maximum moisture content of 19 percent. Do not use material that is warped or does not comply with requirements for untreated material.

Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review.

For exposed lumber indicated to receive a stained or natural finish[mark end or back of each piece] [or] [omit marking and provide certificates of treatment compliance issued by inspection agency].

Application: Treat items indicated on Drawings, and the following:

Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
Wood sills, sleepers, blocking, [furring,] [stripping,] and similar concealed members in contact with masonry or concrete.
Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.
Wood framing members that are less than 18 inches (460 mm) above the ground in crawlspaces or unexcavated areas.
Wood floor plates that are installed over concrete slabs-on-grade.

FIRE-RETARDANT-TREATED MATERIALS

General: Where fire-retardant-treated materials are indicated, materials shall comply with requirements in this article, that are acceptable to authorities having jurisdiction, and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.

Fire-Retardant-Treated Lumber and Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet (3.2 m) beyond the centerline of the burners at any time during the test.

Treatment shall not promote corrosion of metal fasteners.
Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated lumber and plywood by pressure process after being subjected to accelerated weathering according to ASTM D2898. Use for exterior locations and where indicated. Provide one of the following:

b. FRX; Lonza

Exterior Fire X; Hoover Treated Wood Products

Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D3201 at 92 percent relative humidity. Use where exterior type is not indicated.
Provide one of the following:

c. D-Blaze; Viance.

d. Dricon; Lonza.

e. Pyro-guard; Hoover Treated Wood Products, Inc.

163 Design Value Adjustment Factors: Treated lumber shall be tested according to ASTM D5664, and design
164 value adjustment factors shall be calculated according to ASTM D6841.[**For enclosed roof framing,**
165 **framing in attic spaces, and where high-temperature fire-retardant treatment is indicated, provide**
166 **material with adjustment factors of not less than 0.85 modulus of elasticity and 0.75 for extreme fiber**
167 **in bending for Project's climatological zone.]**

168 Kiln-dry lumber after treatment to a maximum moisture content of 19 percent. Kiln-dry plywood after treatment to a
169 maximum moisture content of 15 percent.

170 Identify fire-retardant-treated wood with appropriate classification marking of qualified testing agency.

171 For exposed lumber indicated to receive a stained or natural finish, [mark end or back of each piece] [or]
172 [omit marking and provide certificates of treatment compliance issued by inspection agency].

173 For exposed items indicated to receive a stained or natural finish, chemical formulations shall not bleed through,
174 contain colorants, or otherwise adversely affect finishes.

175 Application: Treat items indicated on Drawings, and the following:

176 Framing for raised platforms.
177 Concealed blocking.
178 Roof framing and blocking.
179 Wood cants, nailers, curbs, equipment support bases, blocking, and similar members in connection with
180 roofing.
181 Plywood backing panels.

182 **DIMENSION LUMBER FRAMING**

183 Non-Load-Bearing Interior Partitions: Construction or No. 2 grade of any of the following species:

184 Hem-fir (north); NLGA.
185 Mixed southern pine or southern pine; SPIB.
186 Spruce-pine-fir; NLGA.
187 Hem-fir; WCLIB or WWPA.
188 Spruce-pine-fir (south); NeLMA, WCLIB, or WWPA.
189 Northern species; NLGA.
190 Eastern softwoods; NeLMA.
191 Western woods; WCLIB or WWPA.

192 Other Framing: No. 2 grade of any of the following species:

193 Hem-fir (north); NLGA.
194 Southern pine; SPIB.
195 Douglas fir-larch; WCLIB or WWPA.
196 Southern pine or mixed southern pine; SPIB.
197 Spruce-pine-fir; NLGA.
198 Douglas fir-south; WWPA.
199 Hem-fir; WCLIB or WWPA.
200 Douglas fir-larch (north); NLGA.
201 Spruce-pine-fir (south); NeLMA, WCLIB, or WWPA.

202 **MISCELLANEOUS LUMBER**

203 General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction,
204 including the following:

- 205 Blocking.
- 206 Nailers.
- 207 Rooftop equipment bases and support curbs.
- 208 Cants.
- 209 Furring.
- 210 Grounds.
- 211 Utility shelving.

- 212 Dimension Lumber Items: Construction or No. 2 grade lumber of any of the following species:
- 213 Hem-fir (north); NLGA.
- 214 Mixed southern pine or southern pine; SPIB.
- 215 Spruce-pine-fir; NLGA.
- 216 Hem-fir; WCLIB or WWPA.
- 217 Spruce-pine-fir (south); NeLMA, WCLIB, or WWPA.
- 218 Western woods; WCLIB or WWPA.
- 219 Northern species; NLGA.
- 220 Eastern softwoods; NeLMA.

- 221 Utility Shelving: Lumber with 15 percent maximum moisture content of any of the following species and grades:
- 222 Eastern white pine, Idaho white, lodgepole, ponderosa, or sugar pine; Standard or No. 3 Common grade;
- 223 NeLMA, NLGA, WCLIB, or WWPA.
- 224 Mixed southern pine or southern pine No. 2 grade; SPIB.
- 225 Hem-fir or hem-fir (north), Construction or No. 2 Common grade; NLGA, WCLIB, or WWPA.
- 226 Spruce-pine-fir (south) or spruce-pine-fir, Construction or No. 2 Common grade; NeLMA, NLGA,
- 227 WCLIB, or WWPA.

- 228 Concealed Boards: 15 percent maximum moisture content of any of the following species and grades:
- 229 Mixed southern pine or southern pine, No. 3 grade; SPIB.
- 230 Hem-fir or hem-fir (north), Standard or No. 3 Common grade; NLGA, WCLIB, or WWPA.
- 231 Spruce-pine-fir (south) or spruce-pine-fir, Standard or No. 3 Common grade; NeLMA, NLGA, WCLIB, or
- 232 WWPA.
- 233 Eastern softwoods, No. 3 Common grade; NeLMA.
- 234 Northern species, No. 3 Common grade; NLGA.
- 235 Western woods, Standard or No. 3 Common grade; WCLIB or WWPA.

- 236 For blocking not used for attachment of other construction, Utility, Stud, or No. 3 grade lumber of any species may
- 237 be used provided that it is cut and selected to eliminate defects that will interfere with its attachment and purpose.

- 238 For blocking and nailers used for attachment of other construction, select and cut lumber to eliminate knots and
- 239 other defects that will interfere with attachment of other work.

- 240 For furring strips for installing plywood or hardboard paneling, select boards with no knots capable of producing
- 241 bent-over nails and damage to paneling.

- 242 **PLYWOOD BACKING PANELS**

- 243 General: Sheet products with graded face plies meeting DOC PS1 and US Product Standards PS 1-09. Provide
- 244 sanded plywood

- 245 Bond Classification: "Exterior" for all plywood used at exterior or in exterior wall; "Exposure 1" for all
- 246 other plywood ,
- 247 Core: Provide veneer core with no voids for electrical and communications backing boards.
- 248 Performance category value used as the nominal panel thickness.

249 Provide APA trademark and grading edgemarks and backstamps for all pieces. Provide stamp in location as
250 required by authority having jurisdiction.

251 Communications and Electrical Equipment Backing Panels: Plywood, DOC PS 1, Exposure 1, C-D Plugged, fire-
252 retardant treated, in thickness indicated or, if not indicated, not less than **3/4-inch (19-mm)** nominal thickness.

253 Mirrored Glass Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, in thickness indicated
254 or, if not indicated, not less than **1/2-inch** thick.

255 Plywood Wall Protection Panels: DOC PS 1, A-C, Group 1, Exterior, touch sanded, fire retardant treated in
256 thicknesses indicated or if not indicated, not less than 1/2 inch nominal thickness.

257 **FASTENERS**

258 General: Provide fasteners of size and type indicated that comply with requirements specified in this article for
259 material and manufacture.

260 Where carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high
261 relative humidity, provide fasteners[**with hot-dip zinc coating complying with ASTM A153/A153M**] [of
262 **Type 304 stainless steel**].

263 Nails, Brads, and Staples: ASTM F1667.

264 Screws for Fastening to Metal Framing: [**ASTM C1002**] [**ASTM C954**], length as recommended by screw
265 manufacturer for material being fastened.

266 Power-Driven Fasteners: Anchor bolt and sleeve assembly of material indicated below with capability to sustain,
267 without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and equal to 10
268 times the load imposed when installed in concrete as determined by testing per ASTM E488 conducted by a
269 qualified independent testing and inspecting agency. Fastener systems with an evaluation report acceptable to
270 authorities having jurisdiction, based on ICC-ES AC70.

271 Post-Installed Expansion Anchors: Anchor bolt and sleeve assembly of material indicated below with capability to
272 sustain, without failure, a load equal to 6 times the load imposed when installed in unit masonry assemblies and
273 equal to 4 times the load imposed when installed in concrete as determined by testing per ASTM E488 conducted by
274 a qualified independent testing and inspecting agency. Fastener systems with an evaluation report acceptable to
275 authorities having jurisdiction, based on [**ICC-ES AC01**] [**ICC-ES AC58**] [**ICC-ES AC193**] [or] [**ICC-**
276 **ES AC308**] as appropriate for the substrate.

277 Material: Carbon-steel components, zinc plated to comply with ASTM B633, Class Fe/Zn 5.
278 Material: Stainless steel with bolts and nuts complying with **ASTM F593 and ASTM F594, Alloy Group 1**
279 **or 2 (ASTM F738M and ASTM F836M, Grade A1 or A4).**

280 **METAL FRAMING ANCHORS**

281 Manufacturers: Subject to compliance with requirements, provide products by the following:

282 Cleveland Steel Specialty Co.
283 KC Metals Products, Inc.
284 Phoenix Metal Products, Inc.
285 Simpson Strong-Tie Co., Inc.
286 USP Structural Connectors.

287 Galvanized-Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A653/A653M, **G60 (Z180)** coating
288 designation.

289 Use for interior locations unless otherwise indicated.

290 Hot-Dip, Heavy-Galvanized Steel Sheet: ASTM A653/A653M; Structural Steel (SS), high-strength low-alloy steel
291 Type A (HSLAS Type A), or high-strength low-alloy steel Type B (HSLAS Type B); **G185 (Z550)** coating
292 designation; and not less than **0.036 inch (0.9 mm)** thick.

293 Use for wood-preservative-treated lumber and where indicated.

294 Stainless-Steel Sheet: ASTM A666, [**Type 304**] [**Type 316**].

295 Use for exterior locations and where indicated.

296 **MISCELLANEOUS MATERIALS**

297 Adhesives for Gluing [**Furring**] [**and**] [**Sleepers**] to Concrete or Masonry: Formulation complying with
298 ASTM D3498 that is approved for use indicated by adhesive manufacturer.

299 Adhesives shall have a VOC content of [**70**] **<Insert value>** g/L or less.
300 Adhesive shall comply with the testing and product requirements of the California Department of Public
301 Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from
302 Indoor Sources Using Environmental Chambers."

303 Flexible Flashing: Composite, self-adhesive, flashing product consisting of a pliable, [**butyl rubber**] [**or**]
304 [**rubberized-asphalt**] compound, bonded to a high-density polyethylene film, aluminum foil, or spunbonded
305 polyolefin to produce an overall thickness of not less than **0.025 inch (0.6 mm)**.

306 **EXECUTION**

307 **INSTALLATION, GENERAL**

308 Framing Standard: Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction," unless
309 otherwise indicated.

310 Set carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit carpentry accurately
311 to other construction. Locate[**furring**,] nailers, blocking, [**grounds**,]and similar supports to comply with
312 requirements for attaching other construction.

313 Install plywood backing panels by fastening to studs; coordinate locations with utilities requiring backing
314 panels. [**Install fire-retardant-treated plywood backing panels with classification marking of testing agency**
315 **exposed to view.**]

316 Install metal framing anchors to comply with manufacturer's written instructions. Install fasteners through each
317 fastener hole.

318 Do not splice structural members between supports unless otherwise indicated.

319 Provide blocking and framing as indicated and as required to support facing materials, fixtures, specialty items, and
320 trim.

321 Provide metal clips for fastening gypsum board or lath at corners and intersections where framing or
322 blocking does not provide a surface for fastening edges of panels. Space clips not more than **16 inches (406**
323 **mm)** o.c.

324 Provide fire blocking in furred spaces, stud spaces, and other concealed cavities as indicated and as follows:

325 Fire block furred spaces of walls, at each floor level, at ceiling, and at not more than 96 inches (2438 mm)
326 o.c. with solid wood blocking or noncombustible materials accurately fitted to close furred spaces.
327 Fire block concealed spaces of wood-framed walls and partitions at each floor level, at ceiling line of top
328 story, and at not more than 96 inches (2438 mm) o.c. Where fire blocking is not inherent in framing system
329 used, provide closely fitted solid wood blocks of same width as framing members and 2-inch nominal (38-
330 mm actual) thickness.
331 Fire block concealed spaces between floor sleepers with same material as sleepers to limit concealed spaces
332 to not more than 100 sq. ft. (9.3 sq. m) and to solidly fill space below partitions.
333 Fire block concealed spaces behind combustible cornices and exterior trim at not more than 20 feet (6 m)
334 o.c.

335 Sort and select lumber so that natural characteristics do not interfere with installation or with fastening other
336 materials to lumber. Do not use materials with defects that interfere with function of member or pieces that are too
337 small to use with minimum number of joints or optimum joint arrangement.

338 Comply with AWP A M4 for applying field treatment to cut surfaces of preservative-treated lumber.

339 Use inorganic boron for items that are continuously protected from liquid water.
340 Use copper naphthenate for items not continuously protected from liquid water.

341 Where wood-preservative-treated lumber is installed adjacent to metal decking, install continuous flexible flashing
342 separator between wood and metal decking.

343 Securely attach carpentry work to substrate by anchoring and fastening as indicated, complying with the following:

344 Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.
345 Table R602.3(1), "Fastener Schedule for Structural Members," and Table R602.3(2), "Alternate
346 Attachments," in ICC's International Residential Code for One- and Two-Family Dwellings.
347 ICC-ES evaluation report for fastener.

348 Use steel common nails unless otherwise indicated. Select fasteners of size that will not fully penetrate members
349 where opposite side will be exposed to view or will receive finish materials. Make tight connections between
350 members. Install fasteners without splitting wood. Drive nails snug but do not countersink nail heads unless
351 otherwise indicated.

352 WOOD BLOCKING AND NAILER INSTALLATION

353 Install where indicated and where required for [screeding or] attaching other work. Form to shapes indicated and
354 cut as required for true line and level of attached work. Coordinate locations with other work involved.

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

357 Provide permanent grounds of dressed, pressure-preservative-treated, key-beveled lumber not less than 1-1/2 inches
358 (38 mm) wide and of thickness required to bring face of ground to exact thickness of finish material. Remove
359 temporary grounds when no longer required.

360 WALL PROTECTION

361 Apply 4 x 8 fire retardant treated plywood panels horizontally on wall surfaces to be protected using flush recessed
362 wood screws of sufficient depth, and secure to wall 8 inches on center along the perimeter and secure to metal studs
363 within the face of panels. Fill holes, tape and spackle joints and prepare wood for paint finish specified in Division
364 09 Section "Painting".

365 Apply 2 x 8 solid bumper guard over plywood at cart height indicated.

366 Coordinate with Division 10 Section "Wall and Door Protection" for application of stainless steel corner guards at
367 outside corners.

368 Coordinate with Division 09 Section "Painting" for priming and painting wood wall protection.

369 **WOOD FURRING INSTALLATION**

370 Install level and plumb with closure strips at edges and openings. Shim with wood as required for tolerance of finish
371 work.

372 Furring to Receive Plywood or Hardboard Paneling: Install 1-by-3-inch nominal- (19-by-63-mm actual-) size furring
373 [horizontally] [and] [vertically] at [24 inches (610 mm)] [600 mm] o.c.

374 Furring to Receive [Gypsum Board] [Plaster Lath]: Install 1-by-2-inch nominal- (19-by-38-mm actual-) size
375 furring vertically at [16 inches (406 mm)] [400 mm] o.c.

376 **PROTECTION**

377 Protect wood that has been treated with inorganic boron (SBX) from weather. If, despite protection, inorganic
378 boron-treated wood becomes wet, apply EPA-registered borate treatment. Apply borate solution by spraying to
379 comply with EPA-registered label.

380 Protect miscellaneous rough carpentry from weather. If, despite protection, miscellaneous rough carpentry becomes
381 wet, apply EPA-registered borate treatment. Apply borate solution by spraying to comply with EPA-registered label.

382 **END OF SECTION**