06 00 00. WOOD, PLASTIC, AND COMPOSITES
06 00 03. GENERAL PROVISIONS

.1 USE OF INK MARKING PENS ON SURFACES of any kind of materials is prohibited. Experience has shown that such marks bleed through paint and other finishes.

06 05 73. WOOD TREATMENT

.1 PROTECTION AGAINST DECAY: Wood used in conjunction with roofing installations, canopy structures, and wood which is installed in contact with concrete or masonry shall be pressure treated with an approved preservative to meet American Wood Preservers Association (AWPA) Standards. Other installations shall receive prime coats suitable for finishes specified as soon as installations are completed. Back prime where dampness or warping is anticipated. Wood preservatives containing arsenic such as Chromated Copper Arsenate (CCA) for exterior construction above ground or in ground contact or fresh water is generally prohibited unless the treated materials meet EPA regulatory requirements of structural members.

Commentary: Structural posts of “post frame” type construction in agricultural applications may be CCA treated wood.

.2 The minimum chemical retention (lbs / cubic foot) for wood above ground is to be 0.25, for wood in contact with the ground or fresh water immersion is 0.40, and wood in the ground (structural) 0.60.

.3 After cutting treated lumber, the cut end is to be retreated.

.4 All wood blocking, sawn lumber and plywood shall be fire resistant treated.

06 10 00. ROUGH CARPENTRY

.1 WOOD FRAMING: Stud and furring strip shall be fire resistant treated and spaced 16 inches on center, maximum.

06 13 00. HEAVY TIMBER

.1 TIMBER TRUSSES: With the shop drawings, a complete design analysis of structural components shall be submitted. Data shall bear the seal and signature of a professional engineer, registered in Ohio, attesting that the design of trusses meets requirements of the Ohio Building Code (OBC) and design loadings.

06 17 00. SHOP-FABRICATED STRUCTURAL WOOD

.1 WOOD TRUSSES: Same as 06 13 00.1.above.

06 20 00. FINISH CARPENTRY

.1 MATERIALS AND FABRICATION: Conform to Architectural Woodwork Institute specifications for Custom quality work.
06 22 00. MILLWORK

.1 MATERIALS AND FABRICATION: Refer to the Architectural Woodwork Institute “Quality Standards”, latest edition. Use “Custom Grade” for standard woodwork. Use “Premium Grade” for unique and special projects or features within a project.

.1.1 The Space in which millwork is to be installed needs to be engineered with appropriate humidity controls to maintain optimum relative humidity of 25-55%.

.1.2 Wood for architectural use needs moisture content within the optimum range of 5-10%.

06 40 00. ARCHITECTURAL WOODWORK

.1 CABINET WORK: Materials and fabrication shall conform to Architectural Woodwork Institute specifications for Premium quality work. Written certification is required from the fabricator that Architectural Woodwork materials, construction and installation comply with the specified standards.

.1.1 The Space in which Architectural Woodwork is to be installed needs to be engineered with appropriate humidity controls to maintain optimum relative humidity of 25-55%.

.1.2 Wood for architectural use needs moisture content within the optimum ranges of 5-10%.

END OF DIVISION 06 – WOOD AND PLASTIC