1. **GENERAL**
   1. **Summary of BCIT Requirements**
      1. Description of wood doors.
   2. **Related BCIT Guidelines**
      1. Section 08 00 10 Openings – General Requirements.
      2. Section 08 71 00 Door Hardware.
      3. Section 08 71 13 Automatic Door Operators
      4. Division 28 Electronic Safety and Security
   3. **Coordination Requirements**
      1. Coordinate Exterior Door Design with Building Envelope Consultant.
   4. **Performance Requirements**
      1. AWMAC Manual of the Architectural Woodwork Association of Canada.
      2. CAN/CSA-0132.2 Wood Doors.
      3. CAN 3-0188.1 Particle Cores.
      4. Wherever suitable, use hollow metal doors in lieu of wood doors. Refer also to Section 08 11 00.
      5. No exterior wood doors unless otherwise approved by BCIT.
      6. If used, then exterior wood doors must be pre-hung and conform to minimum NAFS performance requirements:
         1. Class R.
         2. Performance Grade 40 (includes air, water and structural).
         3. Hardware – corrosion resistance, multi-point for doors over 80”.
   5. **Quality Control and Assurance**
      1. Quality Control:
         1. Trade contractor shall be a member of AWMAC – BC.
         2. All wood doors to have AWMAC guarantee.
         3. All wood door to be factory finished.
      2. Warranties:
         1. 2-Year AWMAC Guarantee Certificate to include replacing and refinishing due to defects or faulty workmanship.
         2. 3-Year manufacturer warranty against deformation (bow, twist, cup, twist) and against core, stile, and rail show-through (telegraphing, as determined by AWMAC Standards Manual.
2. **MATERIALS**
   1. **Environmental – Source**
      1. Endangered wood species must not be used in the manufacturing of wood doors.
      2. Recommended species:
         1. Veneer: Birch, Fir, or Maple.
         2. Trim shall be Birch, Fir, or Maple.
      3. Avoid adhesives, preservatives, hardeners, and synthesizing agents and finish coatings that contain formaldehyde and high V.O.C. content.
   2. **Prescriptive Requirements**
      1. Doors to be solid core.
      2. Seal hinge gains, top and bottom of doors before installation.

\*\*\* END OF **WOOD DOORS** SECTION \*\*\*