1. **GENERAL**
   1. **Summary of BCIT Requirements**
      1. Description of hollow metal doors (HMD), insulated metal doors (IMD), and pressed steel frames (PSF).
   2. **Related BCIT Guidelines**
      1. Section 08 00 10 Openings – General Requirements.
      2. Section 08 71 00 Door Hardware.
      3. Division 28 Electronic Safety and Security
2. **ADMINISTRATIVE AND SUBMITTAL REQUIREMENTS**
   1. **Coordination Requirements**
      1. Coordinate Exterior Door Design with Building Envelope Consultant.
   2. **Performance Standards**
      1. Authority Having Jurisdiction, including Accessibility requirements.
      2. Service Life for Exterior Doors:
         1. Minimum 30-year service life.
      3. Service Life for Interior Doors:
         1. Minimum 50-year service life.
   3. **BCIT Submittals and Notifications**
      1. Shop Drawings: Specify to include details specific to the installation.
3. **MATERIALS**
   1. **Minimum Materials**
      1. Doors:
         1. Interior: 18 gauge (1.2 mm), galv. to ZF075 wiped zinc coating.
         2. Exterior: 18 gauge (1.3 mm), galv. to Z275 (G90) zinc coating, insulated.
      2. Frames:
         1. Interior: 16 gauge (1.5 mm), galv. to ZF075 wiped zinc coating; galvanizing on anchors to match frames.
         2. Exterior: 16 gauge (1.6 mm), galv. to Z275 (G90) zinc coating, galvanizing on anchors to match frames.
         3. Fully-welded.
         4. Knock-down frames are NOT acceptable unless with BCIT Facilities prior written approval.
      3. Glazing:
         1. Provide fire rated glass in fire rated doors.
         2. Provide laminated tempered glass in all other applications.
      4. Exterior Doors and Frames:
         1. All exterior doors and frames to be thermally broken.
      5. Provide electrical rough-ins for future electrification and card readers of openings. Must include pull string to each pathway. Refer to Section 28.01 Electronic Safety and Security Systems.
      6. Finishes:
         1. Specify such that finish paint coat is applied before final hardware installation.

\*\*\* END OF **METAL DOOR AND FRAMES** SECTION \*\*\*