

## Chapter 9 – Design Guides

### 9.17.3 DOOR AND HARDWARE GUIDE

#### A. PROCEDURES FOR NEW PROJECTS

1. The OGS Hardware Team is shared by the Business Units.
2. Architectural Hardware design can be performed by the following methods:
  - a. The OGS Hardware Team writes the technical sections (087100, 081102, 088100) and coordinates with the door schedule (selective projects, troubleshooting).
  - b. The OGS Hardware Team coordinates work assignments with one of the OGS approved Architectural Hardware Consultants (AHC) through the use of Term Consultants (provides clear understanding of OGS's expectations).
  - c. A/E or E/A Consultant Terms or Stand-Alone Contracts may have AHCs as part of their team to perform design services. The OHS Hardware Team requests a meeting with the Consultant to ascertain the skills and knowledge of the Consultant's hardware designer. The OGS Hardware Team would advise and steer the Consultant's hardware designer.
3. Regardless of the Architectural Hardware design method chosen, the OGS Hardware Team requests the Designer and/or the OGS Team Leader involve the OGS Hardware Team as early as the Schematic Design Phase.
  - a. The Consultant designer, or OGS Team Leader should coordinate the architectural hardware services through the OGS project manager.
  - b. The door and hardware portions of the project will be assigned to a member of the OGS Hardware Team to provide direct coordination and assistance as needed.
  - c. The Hardware Team can provide coordination and review of documents related to steel doors/frames; stainless steel doors/frames; wood doors, finish hardware (includes electric hardware, gasketing and thresholds); and security glass and glazing.

#### B. TECHNICAL DOCUMENTS

1. Project Manual Guide (reserved)
  - a. Initial Documents: In order for the OGS Architectural Hardware Team to evaluate the project either for in-house (OGS), or consultant architectural hardware design, the Project Manager should be prepared to furnish the AHC with the following documents:
    - 1) Code Compliance Drawing and Building's Occupancy Classification
    - 2) Exiting Plan
    - 3) Floor Plans
    - 4) Partition Schedule or details
    - 5) Door Schedule
    - 6) Door and Frame Elevations
  - b. Specifications
  - c. C and E Contracts

- d. Contractor QA/QC
- 2. Drawing Guide
    - a. [Door Schedule Example](#)
    - b. Door/Frame details (reserved)
    - c. Symbols for electrified hardware (reserved)
  - 3. The Hardware Team is responsible for maintaining the following specifications:
    - a. 081102 Steel Doors and Frames
    - b. 081117 Stainless Steel Doors and Frames
    - c. 081400 Wood Doors
    - d. 084223 Automatic Doors
    - e. 084234 Balanced Entrance Doors
    - f. 087100 Finish Hardware (includes electric hardware; gasketing and thresholds)
    - g. 088853 Security Glass and Glazing

End of Hardware Guide