SECTION
SOLID CORE WOOD DOORS

PART   GENERAL

RELATED DOCUMENTS

A   Drawings and general provisions of Contract including General and Supplementary Conditions
and Division apply to work in this section

REFERENCES

A   ASTM E 4   Standard Methods of Fire Tests of Door Assemblies Including Positive Pressure
Testing of Side Hinged and Pivoted Swinging Door Assemblies
B   ASTM E   Classification for Determination of Sound Transmission Class
C   AWI   Quality Standards of the Architectural Woodwork Institute
D   HPMA HP   Hardwood and Decorative Plywood
E   NEMA National Electric Manufacturers Association) LD   High Pressure Decorative
Laminates
F   NFPA   Fire Doors and Windows
G   NFPA   Standard Method of Fire Tests for Door Assemblies
H   UL   B Fire Tests of Door Assemblies
I   Warnock Hersey   Certified Listings for Fire Doors
J   Florida Building Code

SECTION INCLUDES

A   Solid core wood doors and transom panels flush and flush glazed configurations fire rated and
non fire rated

SUBMITTALS

A   Shop Drawings Submit fully detailed shop drawings of all doors included in this section
including a complete door schedule of all wood doors   Schedule shall include door openings
elevations sizes types swings undercuts required special beveling special blocking for
hardware factory machining criteria factory finishing criteria and identification of louvers and
glazing requirements No manufacturing or fabrication of doors shall commence until the
Architect approves the shop drawings
B   Product Data Indicate door core materials and construction veneer species type and
characteristics
C   Samples Submit sample of door veneer   X   in size illustrating wood grain stain color
and sheen The approved sample shall become the standard of quality for all solid core wood
doors delivered to the project site Any doors deemed by the Architect and the Owner that are not

H   Labels   Provide U L Label for doors where required
I   Factory finish doors in accordance with approved sample   If field finished seal all edges see Paint Section   99

VISION LITES

A   Provide vision lites of shapes and sizes where shown on drawings
B   Manufacture and supply lites as a unit and meet the requirements of section

◢ LOUVERS

A   Material and Finish Roll formed steel Wipe coat of zinc
B   Louver Blade Inverted blade sight proof fire rated with fusible link design conforming to UL or FM where required
C   Frame to have tamper proof fasteners

PART   EXECUTION

FABRICATION

A   Refer to Door Schedule for types sizes and details
B   Fabricate non rated doors in accordance with AWI Quality Standards requirements
C   Fabricate fire rated doors in accordance with AWI Quality Standards and to UL requirements Attach fire rating label to door
D   Astragals for Fire Rated Double Doors   Steel T shaped overlapping and recessed at face edge specifically for double doors
E   Sound Rating for Single Door Leaf and Frame Assembly   ASTM E   minimum STC
F   Provide lock blocks at lock edge and top of door for closer for hardware reinforcement
G   Vertical Exposed Edge of Stiles   Hardwood for transparent finish
H   Factory machine doors for finish hardware in accordance with hardware requirements and dimensions   Do not machine for surface hardware   Provide solid blocking for through bolted hardware
I   Factory fit doors for frame opening dimensions identified on shop drawings
J   Provide edge clearances in accordance with AWI

PROJECT CONDITIONS

A   Environmental Limitations Do not deliver or install doors until conditions for temperature and relative humidity have been stabilized and will be maintained in storage and installation areas during the remainder of the construction period to comply with requirements of the referenced Quality Standards for the Project s geographical location

INSTALLATION

A   Cut all doors for specified hardware and hang   Protect as recommended by manufacturer   Fit doors to provide   to   clearance at jambs and heads   Bevel lock stile to   in   Seal all cut edges of doors Maximum clearance at floor shall be   unless otherwise indicated

◢ ADJUSTING AND PROTECTING