Typical Hardware

The typical door descriptions set out in this Appendix provide function and quality expectations and are not intended to describe all scenarios or be a complete list of hardware required at the described openings. The Design-Builder will ensure all door hardware complies with applicable building codes and occupancy requirements.

EX-01 - Main Entry Vestibule Pair (outer doors with automatic operator):
Automatic door (single leaf) with the ability to remotely lock and unlock (scheduled, credential reader, or by emergency lock-down)

- Non-removable pin, non ferrous hinges
- concealed power transfer.
- Concealed vertical rod exit devices with electronic retraction
- Automatic operator with presence sensors, push buttons, remote key switch to de-activate
- Threshold, weather-strip, sweep
- Door position switches

EX-02 - Main Entry Vestibule Pair (inner doors with automatic operator):
Automatic door (single leaf) with push/pull function

- Continuous hinges
- Push/pull hardware
- Automatic operator with presence sensors, push buttons, remote key switch to de-activate

EX-03 - Secondary entry (no automatic operator)
Doors to have the ability to remotely lock and unlock (scheduled, credential reader, or by emergency lock-down)

- Non-removable pin, non ferrous hinges
- Concealed power transfer
- Electronic exit hardware
- Door closer
- Hold open device (at service entry/loading areas)
- Stop
- Kickplate
- Threshold, weather-strip, sweep
- Door position switches

EX-04 - Emergency exit doors (from non-containment areas)
Exit only hardware (no outside hardware).

- Non-removable pin, non ferrous hinges
- Concealed power transfer
- Exit lock or exit device with no outside trim (request to exit provided in the door hardware)
- Door closer

APPENDIX 1H: DOOR HARDWARE

- Stop
- Kickplate
- Threshold, weather-strip, sweep
- Door position switch

EX-05 - Emergency exit doors (from containment areas)

Exit only hardware (no outside hardware). Able to be released (scheduled, credential reader, or in an emergency)

- Non-removable pin, non ferrous hinges
- Concealed power transfer
- Exit lock or exit device with no outside trim (request to exit provided in the door hardware)
- Magnetic lock
- Door closer
- Stop
- Kickplate
- Threshold, weather-strip, sweep
- Door position switch

CR-01 - Client room doors

Doors will be able to be pulled open from the corridor side if they have been barricaded from the Client room side.

- Continuous double acting hinge
- Mortise lock with deadbolt
- Continuous safety stop
- No door closers
- Stops (inswing and outswing)
- Perimeter seals (for sound)
- Door position switch

SCR-01 - Secure room doors

Doors will have the ability to remotely lock and unlock (scheduled, credential reader, or by emergency lock-down). Doors will be outswing only to avoid a barricade situation.

- Continuous hinge with concealed power transfer
- Electronic 3-point locking mortise lock (locking into head, middle and lower strike)
- No door closers
- Stop
- Perimeter seals (for sound)
- Door position switch

CW-01 - Client room washrooms

Doors will open into the Client room to avoid a barricade situation.

- Continuous hinge
- Mortise privacy with key override

- Stop

WR-01 - Single Occupant Washrooms (common areas)
- Hinges
- Mortise privacy set
- Closer
- Stop
- Kickplate/Mop-plate

WR-02 - Accessible Washrooms (common areas)
- Double acting continuous hinges
- Mortise deadbolt
- Push/Pull hardware
- Continuous safety stop
- Stop
- Kickplate/Mop-plate

WR-03 - Single Occupant Staff Washrooms (Client areas)
- Continuous double acting Hinge
- Mortise lockset (key required to enter)
- Continuous safety stop
- Stop
- Kickplate/Mop-plate

SR-01 - Service Rooms
- Hinges
- Mortise locksets
- Closer (where required)
- Stop
- Kickplate
- Perimeter seals (where required)

SR-10 - Service Rooms (pairs)
- Hinges
- Flushbolts (automatic where required)
- Mortise locksets
- Closer (where required)
- Coordinator (where required)
- Stop
- Kickplate
- Astragal
- Perimeter seals (where required)

APPENDIX 1H: DOOR HARDWARE

OF-01 – Typical single door (Offices/Meeting Rooms/Storage)
- Hinges
- Mortise lockset
- Stop

OF-02 – Typical single card read door
- Hinges
- Concealed power transfer
- Electronic mortise lock
- Closer
- Stop
- Door position switch

OF-03 – Typical single card read door (Client Area)
- Continuous double acting hinge
- Concealed power transfer
- Electronic mortise lock
- Continuous safety stop
- Stops
- Door position switch

OF-10 – Typical double door (offices/Meeting Rooms/Storage)
- Hinges
- Flushbolts
- Mortise lockset
- Stops
- Astragal

OF-11 – Typical double door with Card Reader (Unit Kitchen)
- Hinges
- Concealed power transfer
- Flushbolts
- Electronic mortise lockset
- Closer
- Stops
- Astragal
- Door position switches

PA-01 – Typical passage door (non-locking)
- Hinges
- Mortise passage
- Stop

PA-02 – Typical passage door (fire rated)
- Hinges
- Mortise passage
- Closer
- Stop
- Kickplate
- Perimeter seals (where required)

XC-01 - Cross Corridor doors in Client areas (secure double egress)
These doors are normally locked and are able to be released (scheduled, credential reader, or in an emergency)
- Hinges
- Concealed power transfer
- Exit hardware (request to exit provided in the door hardware)
- Magnetic locks
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)
- Door position switches

XC-02 - Cross Corridor doors in common areas (single doors)
These doors always provide free egress. These doors are normally locked from the pull side and are able to be released (scheduled or credential reader)
- Hinges
- Concealed power transfer
- Exit hardware with electrified trim (request to exit provided in the door hardware)
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)
- Door position switches

XC-03 - Cross Corridor doors in common areas (double egress)
These doors are always free in either direction.
- Hinges
- Exit hardware
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)

ST-01 – Exit stairs from Client areas

These doors are normally locked and are able to be released (scheduled, credential reader, or in an emergency). Access by card reader from stair side.

- Hinges
- Concealed power transfer
- Exit hardware (request to exit provided in the door hardware)
- Magnetic locks
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)
- Door position switches

ST-02 – Circulation stairs from common areas

These doors provide free egress. Access by card reader from stair side.

- Hinges
- Concealed power transfer
- Exit hardware with electrified trim (request to exit provided in the door hardware)
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)
- Door position switches

ST-03 – Exit only stairs from common areas

These doors provide free egress and no re-entry (exit only).

- Hinges
- Exit hardware
- Closers
- Stops
- Perimeter seals (where required)
- Thresholds (where required)

TR-10 – Typical Terrace/Patio/Deck door

These doors must provide free egress back into the building. May be locked from the inside limiting access to the deck/terrace.

- Hinges
- Concealed power transfer
- Flushbolts
- Mortise lockset (request to exit and lock status monitoring)
- Closers

APPENDIX 1H: DOOR HARDWARE

- Stops
- Perimeter seals
- Thresholds
- Door position switches

DA-01 – Typical double acting door (Unit kitchen – Dining room)

- Floor pivot
- Concealed double acting closer
- Mortise deadbolt
- Push plates
- Stops

GT-01 – Typical Gate
These doors are normally locked from the outside and provide egress from the outer space.

- Lockset or exit device as required.
- Balance of hardware by the gate supplier

BO-01 – Overhead/Coiling/Folding doors
Cylinders provided to ensure keying system is consistent with the other openings.

- Cylinder only
- Balance of hardware by door supplier