

**Part 1 General**

**1.1 RELATED REQUIREMENTS**

- .1 Common Work Results for HVAC Section 23 05 00

**1.2 COORDINATION WITH WORK SPECIFIED IN OTHER SECTIONS**

- .1 Coordinate the installation of all access panels with the drywall or masonry sub-trade.
- .2 Mechanical Identification Section 23 05 54

**1.3 SHOP DRAWINGS**

- .1 Comply with requirements of Section 23 05 01.

**1.4 PRODUCT OPTIONS AND SUBSTITUTIONS**

- .1 Refer to Division 01 for requirements pertaining to product options and substitutions.

**Part 2 Products**

**2.1 ACCESS DOORS**

- .1 Construction:
  - .1 Stainless steel finish.
  - .2 Recess as required to accept matching tile, etc.
  - .3 ULC rated doors for fire rated construction.
  - .4 Flush type steel framed panel with concealed hinges.
  - .5 Screwdriver type locking device.
  - .6 Minimum 300 mm x 300 mm for inspection and hand access.
  - .7 Minimum 450 mm x 450 mm for man access.

**2.2 SECURE ACCESS DOORS**

- .1 Construction:
  - .1 Material: Steel or Stainless Steel: 10 gage door, 2" x 2" x 3/16" angle frame.
  - .2 Door: 10 gage plate, flush to edge of frame.
  - .3 Frame: Flange to be 2" wide, mounting frame to have anchor straps.

- .4 Hinge: Heavy duty butt hinges, welded to door and frame. Detention type dead bolt lock with paracentric key.
- .5 Latch: Steel: 5-stage iron phosphate preparation with prime coat of gray.
- .6 Finish: Baked enamel. Stainless Steel: #4 Satin Polish.

**Part 3 Execution**

**3.1 ACCESS DOORS**

- .1 Provide access doors for maintenance or adjustment purposes for all mechanical system components for, but not limited to:
  - .1 Valves
  - .2 Volume dampers
  - .3 Fire dampers
  - .4 Cleanouts and traps
- .2 Improperly located or sized access to equipment shall be corrected prior to final inspection.
- .3 Provide secure access doors within all inmate areas.

**END OF SECTION**