SECTION 08305
ACCESS DOORS

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Fire resistive rated and non-rated access doors and frames.
2. Floor and ceiling access hatches.

B. Related Sections:

1. Section 03300 - Cast-in-Place Concrete: Openings in concrete.
2. Section 04200 - Unit Masonry: Openings in masonry.
4. Section 09260 - Gypsum Board Systems: Openings in partitions.
5. Section 09300 - Tile: Openings in ceramic tile walls.
7. Section 09900 - Painting: Field paint finish.
8. Section 15000 – Mechanical
9. Section 16000 - Electrical

1.2 QUALITY ASSURANCE:

A. Where fire-rated assemblies are required, provide assemblies complying with NFPA 80 and tested in accordance with ASTM E152.

B. Provide units labeled by UL or Warnock Hersey.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. Provide access hatches by one of the following:
2. The Bilco Co.
4. Approved substitute.

B. Provide wall and ceiling access doors by one of the following:
   1. Nystrom, Inc. (specified to establish level of quality).
   2. Bar Co., Inc.
   5. Milcor.
   6. The Williams Brothers Corp.
   7. Approved substitute.

2.2 WALL AND CEILING ACCESS UNITS:

   A. Fire-Rated Doors: UL label appropriate to assembly rating. Provide units which are self-closing and latching.

   B. Access Panels - Masonry Walls:
      Flush, Style TM by Nystrom, 16 gage frame, 14 gage panel, concealed spring hinges, masonry anchors.

   C. Access Panels - Gypsum Board Walls and Ceilings: Flush, Style WB by Nystrom, 16 gage frame, 14 gage panel, galvanized steel drywall bead, concealed spring hinges.

   D. Access Panels - Acoustical Tile Ceilings: Recessed to receive acoustical tile, Style RA by Nystrom, 16 gage steel frame, 16 gage panel, concealed pivoting rod hinge. Acoustic tile installed under Section 09510.

   E. Access Panels - Plaster: Flush, Style PW by Nystrom, 16 gage frame, 14 gage panel, galvanized steel plaster bead with expanded metal lath, concealed spring hinges.

“CONCEALED” DRYWALL UNITS IN CEILINGS ARE DISCOURAGED FROM USE AS WORKMANSHIP ISSUES OFTEN ARISE.
F. Access Panels - Ceramic Tile: Flush, Style WB by Nystrom, 16 gage frame, 14 gage panel, concealed spring hinges.

G. Access Panels - Concrete: Flush, Style TM by Nystrom, 16 gage frame, 14 gage panel, concealed spring pin hinge.

H. Sizes:
   1. Hand Access: 18" x 18" minimum; 24" x 24" preferred.
   2. Person Access: 24" x 24" minimum.

I. Finish: Phosphate dipped with baked on rust inhibitive gray primer.

J. Locking:
   1. Non-Rated Areas: Flush, flat-screw-driver operated cam latch.
   2. Fire-Rated Areas: Raised knob cam locks.
   3. Special Areas as Designated: Cylinder locks with all units keyed alike.
   4. In walls adjacent to restrooms and bathrooms: Tamper-proof-head operated cam latch.

2.3 ACCESS HATCHES:

A. Design:
   1. Installation: Recessed.
   2. Finish: To receive floor or ceiling finish as scheduled, if in a public area.

B. Location: Accessible in a non-public location if possible.

PART 3 - EXECUTION

NOT USED

END OF SECTION 08305