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.


“CONCEALED” DRYWALL UNITS IN CEILINGS ARE DISCOURAGED FROM USE AS WORKMANSHIP ISSUES OFTEN ARISE.

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.
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