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.
   3. Section 09200 - Lath and Plaster
   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.

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

B. 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.

C. 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.

D. 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.

E. Access Panels - Ceramic Tile: Flush, Style WB by Nystrom, 16 gage frame, 14 gage panel, concealed spring hinges.

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

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

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

I. Locking:
   1. Non-Rated Areas: Flush, 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.

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