**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ARCHITECTURE, ENGINEERING AND CONSTRUCTION**



ARCHITECTURE & ENGINEERING

326 East Hoover, Mail Stop B

Ann Arbor, MI 48109-1002

Phone: 734-764-3414

Fax: 734-936-3334

BuildingName  
The Description of the Project  
P00000000 0000

DOCUMENTS

SPECIFICATION DIVISION 8

NUMBER SECTION DESCRIPTION

DIVISION 08 OPENINGS

SECTION 083113 - ACCESS DOORS AND FRAMES

END OF CONTENTS TABLE

1. DIVISION 08 OPENINGS
   1. SECTION 083113 - ACCESS DOORS AND FRAMES

THIS SECTION DOES NOT INCLUDE ALL AVAILABLE PRODUCTS. FIRE-RATED AND NON FIRE-RATED CEILING PANELS ARE AVAILABLE, AS WELL AS A WIDE VARIETY OF PANELS FOR SPECIAL APPLICATIONS. REFER TO MANUFACTURER'S CATALOGS FOR FULL PRODUCT LINES.

* + 1. GENERAL
       1. SUMMARY
          1. Extent of access doors is indicated on drawings.
          2. Type of access doors include:

Standard metal units (for masonry and drywall walls).

Flush metal units (for drywall walls).

Fire-rated metal units (for masonry and drywall walls).

* + - 1. SUBMITTALS
         1. Product Literature: Provide manufacturer's product literature indicating compliance with requirements.
         2. Shop Drawings: Indicate application of access doors to project, including door sizes and locations, and details of construction and installation not otherwise included in product literature.

INCLUDE BELOW IF FIRE-RATED UNITS ARE SPECIFIED.

* + - 1. QUALITY ASSURANCE
         1. Fire-Resistance Ratings: Provide each fire rated access door assembly with panel, door, frame, hinge and latch from manufacturer listed in Underwriter's Laboratories Inc's, "Building Materials Directory" for rating shown.

Provide UL label on each fire rated access door.

* + 1. PRODUCTS
       1. METAL ACCESS DOORS

UNIT BELOW SUITABLE FOR INSTALLATIONS IN MASONRY OR DRYWALL WALLS.

* + - * 1. Standard Metal Access Door: Provide standard units for mounting in masonry or drywall with integral one-piece frame, and as follows:

SELECT STEEL OR STAINLESS STEEL BELOW.

Door: Minimum 16 gage steel.

Door: Minimum 16 gage stainless steel.

select frame material.

Frame: Minimum 16 gage steel.

Frame: Minimum 16 gage stainless steel.

MODIFY DIMENSIONS BELOW TO SUIT PROJECT - REFER TO CATALOG.

Door Size: 24-inches wide by 24-inches high.

Hinges: Concealed spring type, removable from chase side only.

INCLUDE APPLICABLE TYPE BELOW.

Lock: Screwdriver operated steel cam type.

Lock: Phillips head screwdriver operated steel cam type.

Lock: Allen wrench operated steel cam type.

Lock: Key operated cam type with removable cylinder core.

SELECT APPLICABLE TYPE BELOW.

Finish: Prime painted.

Finish: Satin finish stainless steel.

SUBSTITUTE STYLE "MS" FOR LISTED STYLE "M" BELOW IF STAINLESS STEEL UNITS SELECTED.

Manufacturer/Model: Provide Milcor style "M", or subject to compliance with requirements, equivalent units of Bar-Co, Cesco Products, J.L. Industries, Karp Associates Inc., or Nystrom Inc.

UNIT BELOW SUITABLE FOR INSTALLATION IN DRYWALL WHERE LESS OBTRUSIVE APPEARANCE IS DESIRED. NYSTROM MANUFACTURES A PRODUCT WITH RECESSED DOOR ALLOWING PLASTER OR DRYWALL TO COVER DOOR.

* + - * 1. Flush Panel Metal Access Door: Provide flush panel units for mounting in drywall with integral drywall bead configuration outer frame, and as follows:

Door: Minimum 16 gage stainless steel.

Drywall Bead: Galvanized steel.

SELECT FROM BELOW TO SUIT PROJECT.

Door Size: 10-inches wide by 10-inches high.

Door Size: 14-inches wide by 14-inches high.

Door Size: 22-inches wide by 22-inches high.

Door Size: 24-inches wide by 24-inches high.

retain hinge type below.

Hinges: Double-acting concealed spring type.

INCLUDE APPLICABLE TYPE BELOW.

Lock: Screwdriver operated steel cam type.

Lock: Phillips head screwdriver operated steel cam type.

Lock: Allen wrench operated steel cam type.

Lock: Key operated cam type with removable cylinder core.

SELECT APPLICABLE TYPE BELOW.

Finish: Prime painted.

Manufacturer/Model: Provide Milcor style "DW", or subject to compliance with requirements, equivalent units of Bar-Co, Cesco Products, J.L. Industries, Karp Associates Inc., or Nystrom Inc.

UNIT BELOW IS FIRE RATED.

* + - * 1. Fire-rated Metal Access Door: Provide UL listed and labeled fire-rated units with integral one-piece frame, automatic panel closers, and as follows:

Fire-rating: B-label (1-1/2 hr.)

select one material below.

Door: Minimum 20 gage steel.

Door: Minimum 20 gage stainless steel.

select one material below.

Frame: Minimum 16 gage steel.

Frame: Minimum 16 gage stainless steel.

MODIFY DIMENSIONS BELOW TO SUIT PROJECT - REFER TO CATALOG

Door Size: Approximately 24-inches wide by 24-inches high.

Hinges: Continuous steel hinge with stainless steel pin, removable from chase side only.

INCLUDE APPLICABLE TYPE BELOW.

Latch: Self-latching type with knurled knob.

Lock: Cylinder lockset with self-latching action and with removable cylinder core.

SELECT APPLICABLE TYPE BELOW.

Finish: Prime painted.

Finish: Satin finish stainless steel.

Manufacturer/Model: Provide products of Milcor, or subject to compliance with requirements, equivalent products of Bar-Co, Cesco Products, J.L. Industries, Karp Associates Inc., or Nystrom Inc.

* + 1. EXECUTION
       1. INSTALLATION
          1. Comply with manufacturer's installation instructions for application indicated.

Install fire-rated units in compliance with applicable codes and regulations to provide fully fire-rated finished assembly.

* + - * 1. Anchor frame to existing construction with expansion anchors to masonry substrate. Position anchors in concealed frame flange.
        2. Test and adjust doors after installation to eliminate rubbing and binding. Remove and reinstall units if necessary to provide proper door operation.

END OF SECTION 083113