UNIVERSITY OF MARYLAND

University of Maryland College Park | **Campus Entrance Door Design Guidelines**

Facilities Management | Department of Facilities Planning

July 2018

AYERS
SAINT
GROSS

Contents

Objectives

"The preparation of **Design Criteria** for the variety of **Entrance Doors**, both **replacement** and **new doors** for selected buildings at the University" that will:

1. Serve to develop a prototypical range of solutions that will streamline the process and create consistency for entry door replacement by Facilities Management and the Department of Residential Facilities, including consultants' design of new entrance doors for new facilities
2. Provide new guidelines for the Design Criteria and Facilities Standards (DCFS)

Key Stakeholders

Facilities Management Departments

Department of Planning & Construction

William Olen – Executive Director

Thomas Bunting – Associate Director, Design Services

Jocelyn Joiner Fleming – Assistant Director, Design Technical Services

Mark Green – Architect, Technical Support

Facilities Planning

Brenda Testa – Former Director

William Mallari – Interim Director, Project Manager

Daniel Hayes – Planner, Campus Development

Department of Operations & Maintenance

Jack Baker – Executive Director

Rich Nickels – Assistant Director, Facilities Maintenance Programs

Rich Wilson – Program Manager, Exteriors

Department of Public Safety

Mark McGuigan – Coordinator, Building Security Systems

Marco Baker – Electronic Technician, Building Security Systems

Department of Residential Facilities

Jon Dooley – Director

Gregg Feige – Assistant Director

John Kim-Norris – Residential Facilities

Tim Wheeler, Senior Manager, Maintenance

Patrick Rhodes, Assistant to the Assistant Director, Residential Facilities

Ayers Saint Gross

Rosalie Tilghman – Project Architect

Robert Claiborne – Architect & Historic Consultant

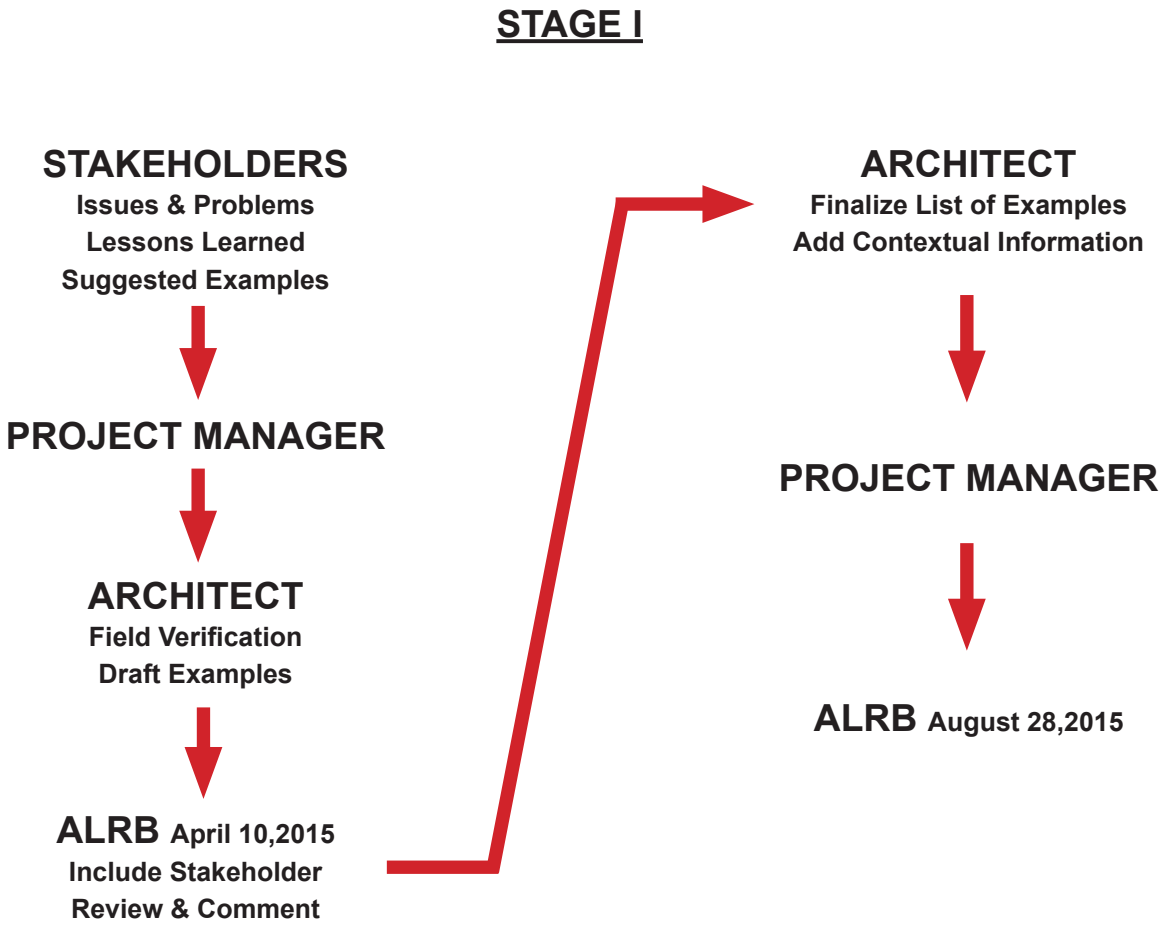
David Moore – Allegion PLC, Hardware Consultant

Randy Jump – Allegion PLC, Hardware Consultant

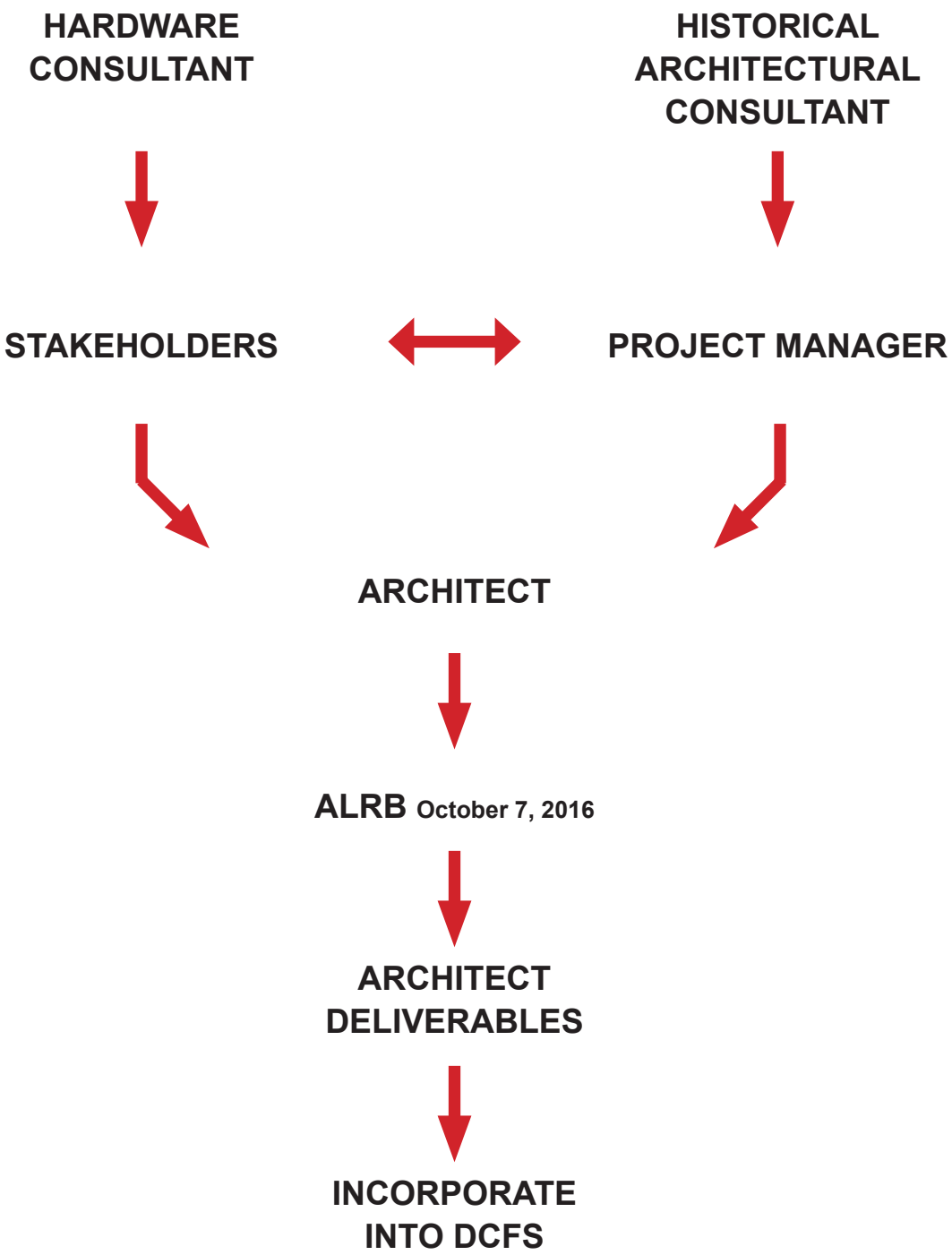
Development Of Criteria

Development and Consensus Building

The need for a comprehensive study of existing conditions on campus was identified by the Department of Design and Construction in 2014. Ayers Saint Gross was engaged to survey conditions, interview stakeholders and provide a set of recommendations based on the findings of this study. The study was conducted in two stages. The following flowchart highlights the steps taken and groups consulted in creating this set of documents. A separate flowchart illustrating the process for replacement of existing doors on campus is found at the conclusion of this report. An impetus for this study is the need to identify entrances that are required to be made ADA accessible. The Americans with Disabilities Act was signed into law in 1990; thus it can be assumed entrances of all buildings constructed after that date are found to be in compliance with ADA guidelines. It is in the classification of those entrances constructed before 1990 where the ADA designation is required.



STAGE II


HARDWARE CONSULTANT
HISTORICAL ARCHITECTURAL CONSULTANT
STAKEHOLDERS
PROJECT MANAGER
ARCHITECT
ALRB October 7, 2016
ARCHITECT DELIVERABLES
INCORPORATE INTO DCFS

Issues, Challenges and Mistakes to Avoid

Each campus building entrance presents a unique situation with a matrix of criteria and issues to address and reconcile:

- Building site, entrance location and period of development
- Entrance Type: Primary / ADA / Secondary / Tertiary
- Door Types and Materials
- Design, Operational and Maintenance Criteria

Examples Include:

036 Plant Sciences

- Finish deterioration, staining, delamination
- Review auto-operator leaf designation, breaks frequently
- No available warranty
- Replacement doors not readily available

415 Physical Sciences

- Door swing sticks to adjacent entry soffit
- Separation of door joints
- Atypical door height & weight stresses hardware

039 Van Munching

- Closers not functioning
- Doors will not secure to removable mullions
- Water infiltration at threshold

231 Microbiology

- Mixed materials
- Undersized to entryway
- Slab displacement
- Not meeting ADA requirement

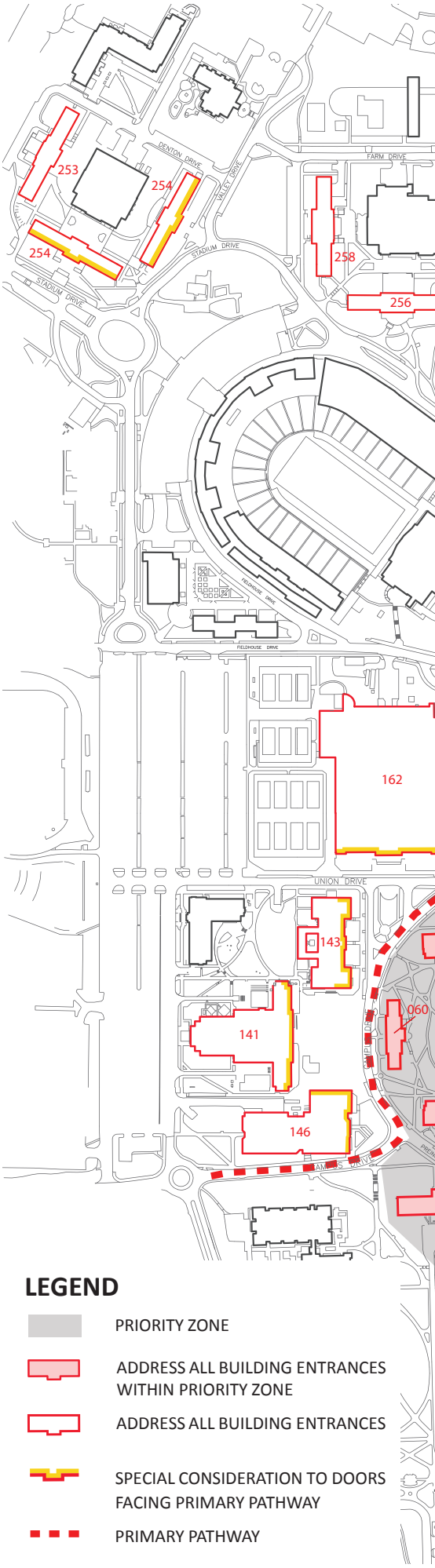
091 Chemistry

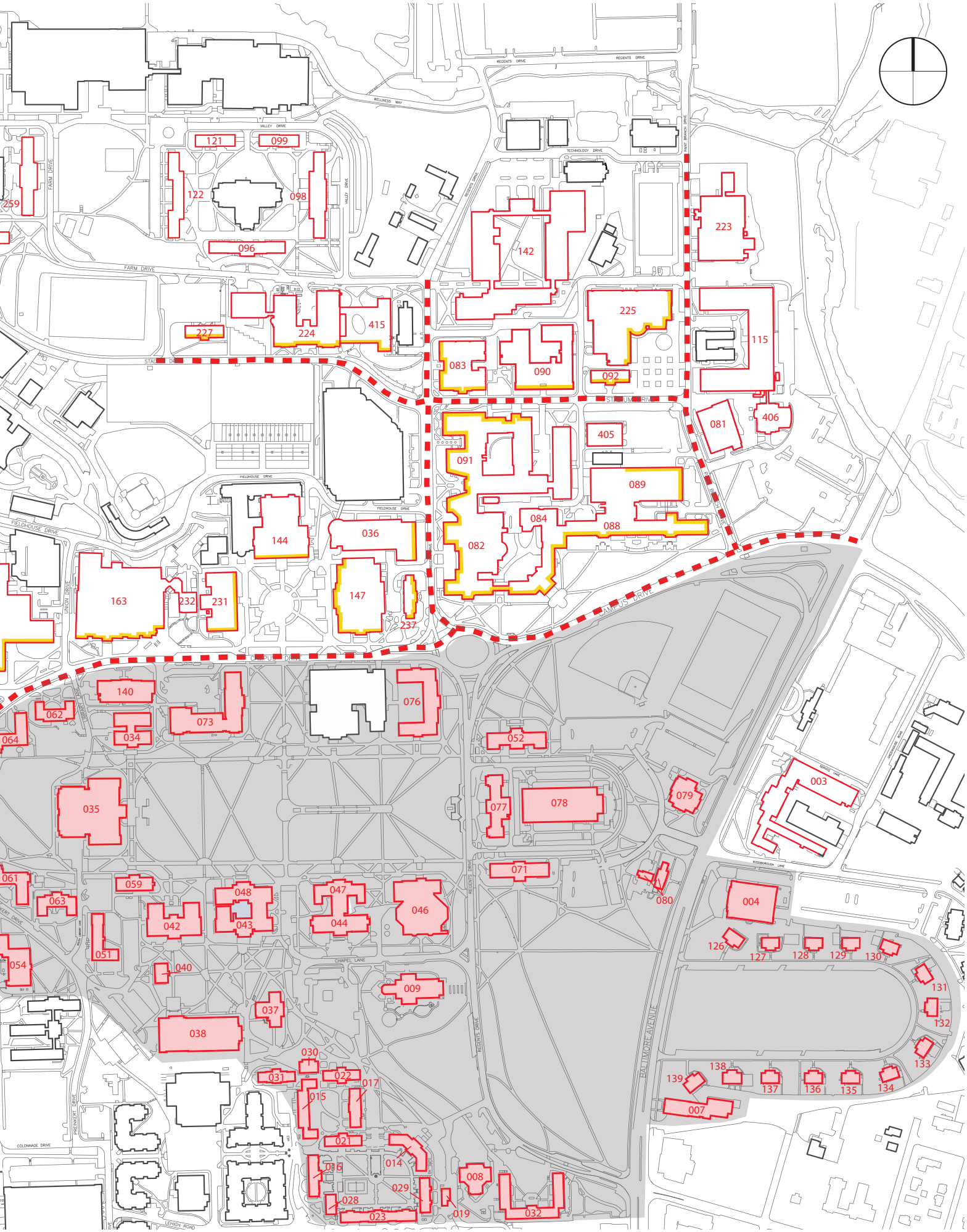
- Fiberglass Reinforced Plastic (FRP) not preferred
- Inconsistent design

Campus Map

Building Entrances Addressed in this Study:

003 Service Building
004 Ritchie Coliseum
007 Pocomoke Bldg.
008 Annapolis Hall
009 Memorial Chapel
014 Harford Hall
015 Calvert Hall
016 Baltimore Hall
017 Cecil Hall
019 Satellite Central Utilities Bldg
021 Prince George's Hall
022 Kent Hall
023 Washington Hall
028 Howard Hall
029 Frederick Hall
030 Talbot Hall
031 Garrett Hall
032 Montgomery Hall
034 Jimenez
035 McKeldin Library
036 Plant Sciences
037 Shoemaker Bldg.
038 LeFrak
039 Van Munching
040 Morrill
042 Tydings
043 Taliaferro
044 Skinner
046 Marie Mount
047 Woods
048 F. S. Key
051 Worcester Hall
052 Clarence M.Mitchell, Jr. Bldg.
054 Preinkert
059 Chincoteague
060 Anne Arundel Hall
061 Queen Anne's Hall
062 St. Mary's Hall
063 Somerset Hall
064 Dorchester Hall
071 Lee
073 H.J. Patterson
076 Symons Hall
077 Main Administration
078 Reckord Armory
079 Visitor Center
080 Rossborough Inn
081 Wind Tunnel
082 Toll Physics
083 J.M Patterson
084 Math
088 Glenn L. Martin
089 Engineering Laboratory Bldg
090 Chem. & Nuclear Engineering
091 Chemistry
092 Potomac
096 Cambridge Hall
098 Centerville
099 Bel Air Hall
115 A. V. Williams
121 Chestertown Hall
122 Cumberland Hall
126-139 Fraternity Row
140 Health Center
141 Tawes
142 Animal Science
143 Benjamin
144 Biology-Psychology
146 Parren J.Mitchell Art-Sociology
147 Hornbake Library
162 Cole
163 Stamp
223 Energy Research Facility
224 Comp. & Space Science
225 Kim Engineering
227 Jull
231 Microbiology
232 Nyumburu Cultural Center
237 Geology
252 Denton Hall
253 Easton Hall
254 Elkton Hall
256 Ellicott Hall
258 Hagerstown Hall
259 La Plata Hall
405 Satellite Central Utilities Bldg
406 CSIC
415 Physical Sciences




121
099
122
098
096
259
142
223
227
224
415
225
115
083
090
092
081
406
405
091
089
088
084
082
144
036
163
232
231
147
237
140
062
073
076
064
034
052
035
077
078
079
003
061
059
048
047
071
063
042
043
044
046
080
004
051
040
009
037
038
030
031
022
017
015
021
016
014
008
029
028
023
019
032
126
127
128
129
130
131
132
133
134
135
136
137
138
139
007
FARM DRIVE
VALLEY DRIVE
REGENTS DRIVE
TECHNOLOGY DRIVE
PAINT BRANCH DRIVE
WELLNESS WAY
STADIUM DRIVE
FIELDHOUSE DRIVE
UNION DRIVE
CAMPUS DRIVE
CHAPEL LANE
BALTIMORE AVENUE
PRINCE FREDERICK DRIVE
COLONNADE DRIVE
LEHIGH ROAD

Design Criteria Matrix

Building Types & Criteria

Separate matrices were created to classify entrance types at the intersection of different criteria such as entrance priority and period of development. A broad spectrum of criteria, as well as feedback from ALRB and stakeholders, was considered before arriving at the recommendations in this report. A breakdown of criteria is listed below:

- Building Site & Entrance Location: site specific conditions
- Period of Development: Traditional, Mid-Century Modern; Contemporary
- Entrance & Door Type: Primary / Secondary / Tertiary
- Design, Operational and Maintenance Criteria:
  - Aesthetics (original design and historic preservation considerations)
  - Entry Systems, Door Types and Function
  - Materials and Hardware (includes transoms, sidelights, louvers)
  - Life Safety and Security
  - Universal Access and ADA
  - Maintenance; Repair and replacement
  - Sustainability Considerations
  - Costs: initial; maintenance - repair and replacement

Entrance Type: Primary
Traditional
HJ Patterson 073

Entrance Type: Primary - ADA
Traditional
Symons Hall 076

Entrance Type: Primary
Mid-Century Modern / Contemporary
Parren J. Mitchell 146

Entrance Type: Secondary
Traditional

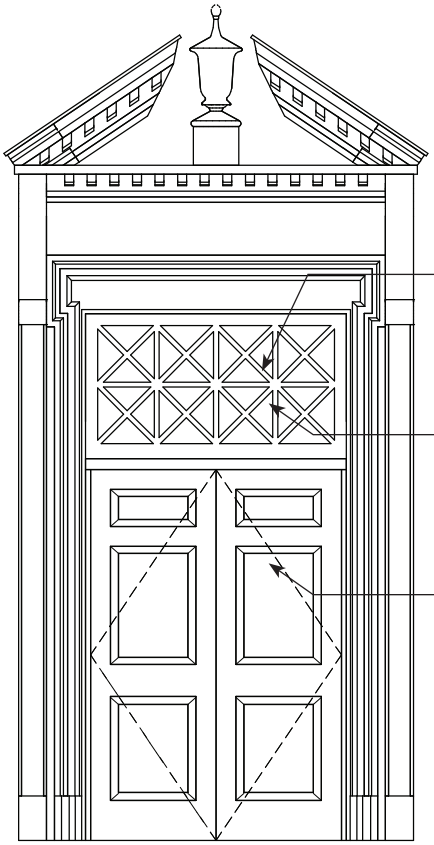
Entrance Type: Secondary
Mid-Century Modern / Contemporary
Hornbake Library 147

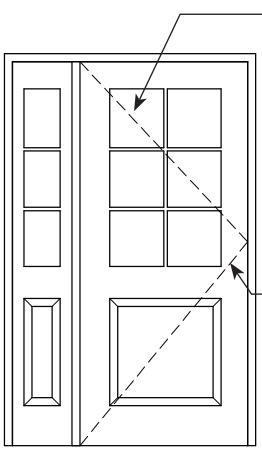
Entrance Type: Service / Mech.
Traditional
Toll Physics 082

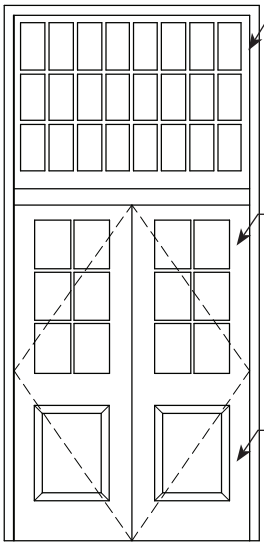
Entrance Type: Tertiary
Mid-Century Modern / Contemporary
Van Munching 039

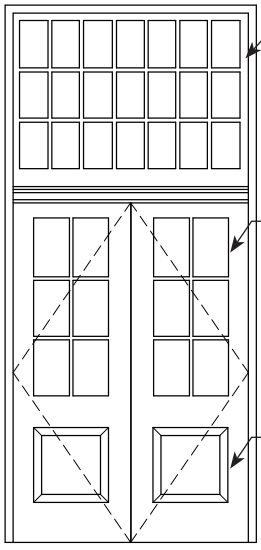
Case Example I: Edward St. John Learning and Teaching Center (Building 226)

Campus Core — Academic Use — Traditional









Primary

- Secure electronic locking
- Hardware compatibility
- Desire to include glass lites & historic character

Secondary to be ADA / Primary

- Existing fire-rated stair egress
- ADA accessibility required

Secondary

- Wood replacement door specified for in-swinging doors
- Transom muntin patterns difficult to replicate in door lites

Case Example II:
Plant Sciences (Building 036)

NE District — Academic Use — Contemporary

Primary

- Delamination of white oak
- Finish deterioration, difficult to refinish
- Staining from closure oil
- Replacement doors difficult to source

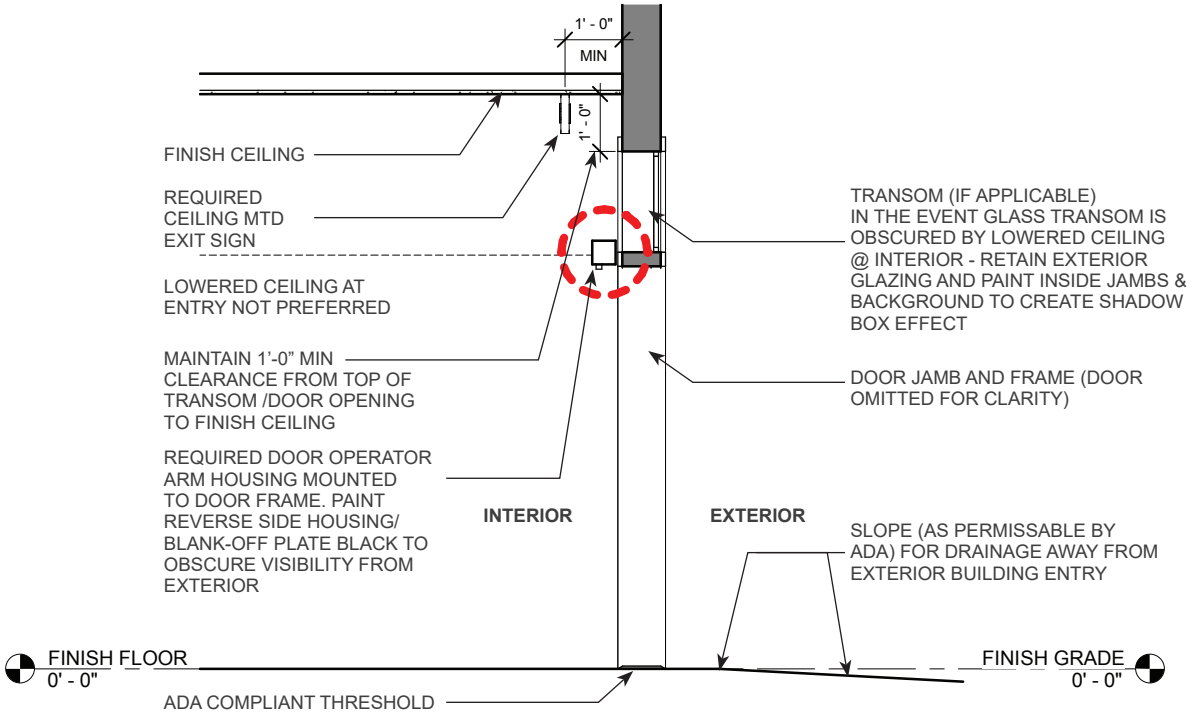
ADA Accessible Entry

- Weather-stripping is problematic
- Review auto-operator leaf designation on double doors, breaks frequently
- No available warranty

Typical Details:
Typical Section @ Building Entry

The details on the following pages are intended as a guiding reference to designers, especially in instances requiring replacement of doors in the historic core of the University of Maryland College Park campus.

Enlarged elevations with dimensions for raised panel door components are provided. Plan details for a corresponding wood raised panel door with glazed sidelights are also included.

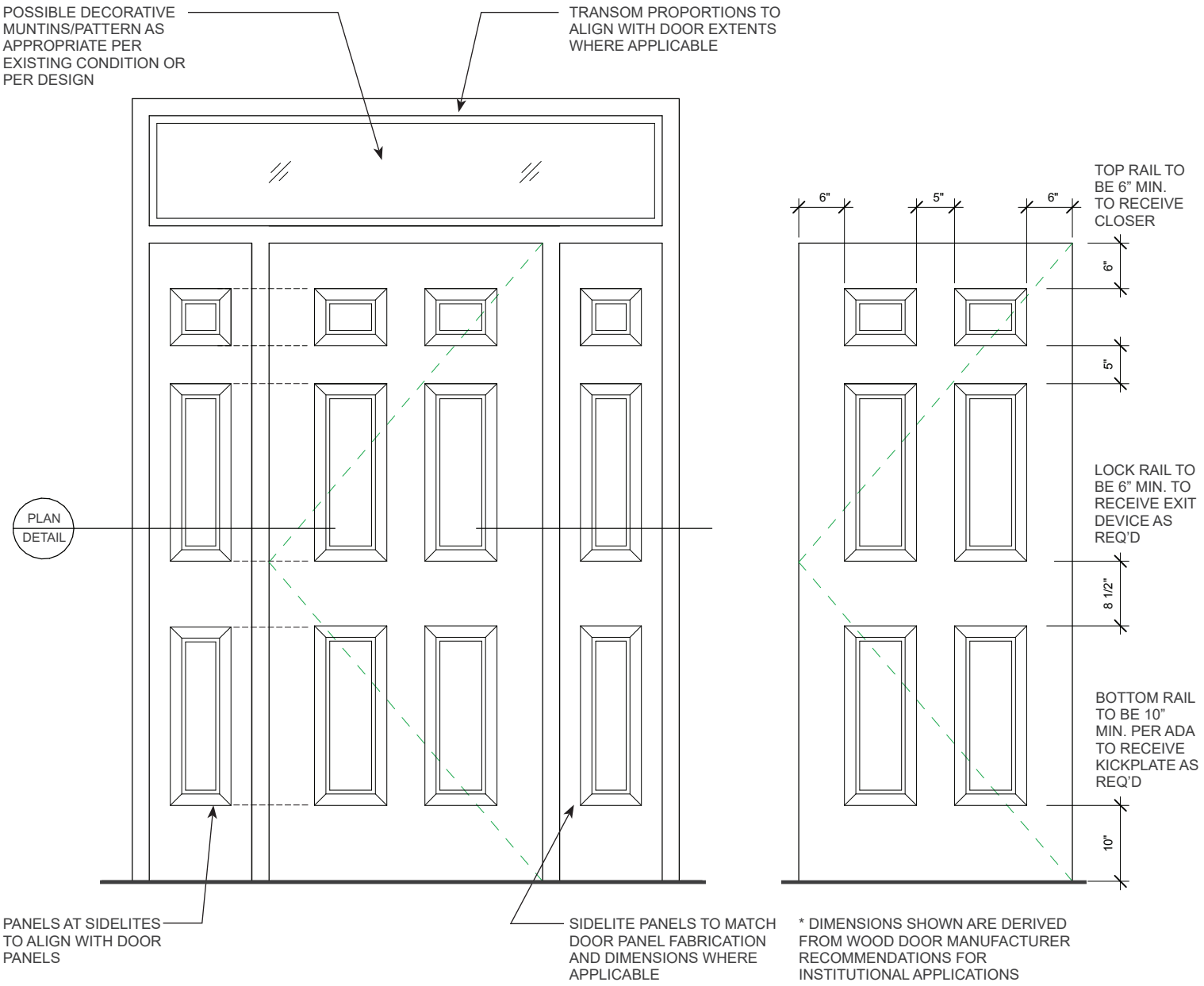


TYPICAL SECTION AT BUILDING ENTRY

DRAWING NOT TO SCALE

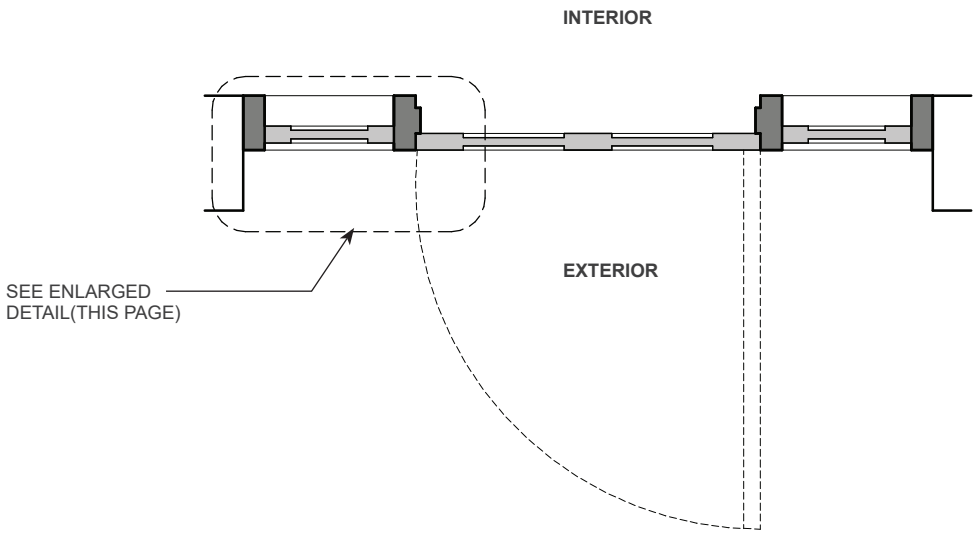
Typical Details:
Typical Raised Panel Door

*FOR STOREFRONT DOORS REFER TO DCFS

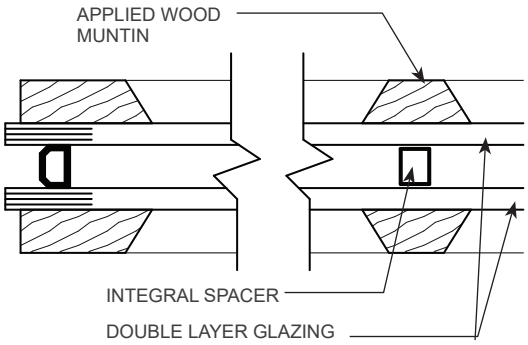


TYPICAL RAISED PANEL DOOR ELEVATIONS

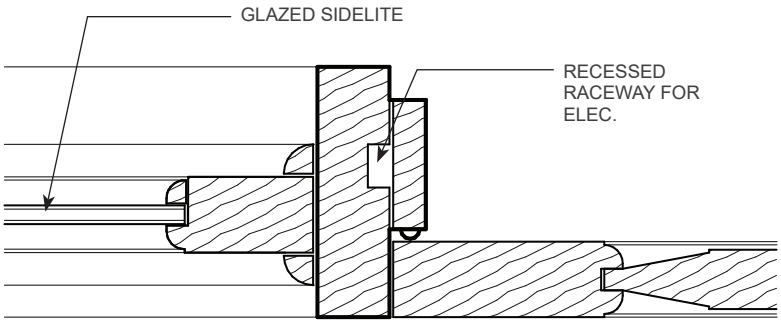
DRAWINGS NOT TO SCALE UNLESS NOTED OTHERWISE



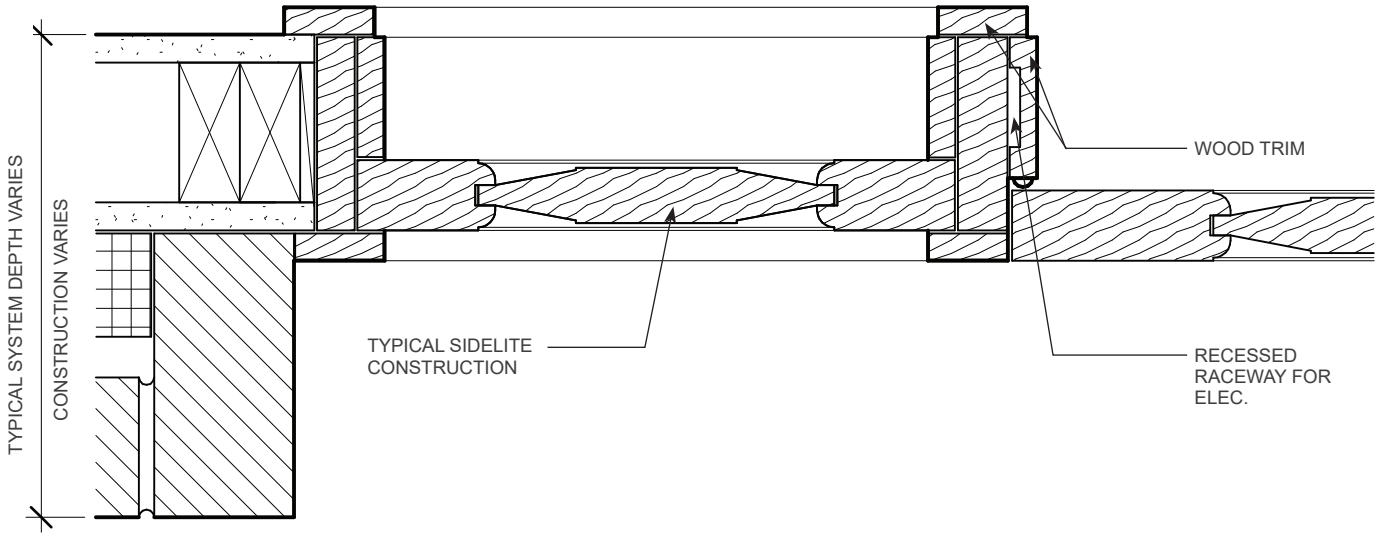
PLAN - TYPICAL PANEL DOOR & SIDELITES



MUNTIN DETAIL @ GLAZED DOOR LITES



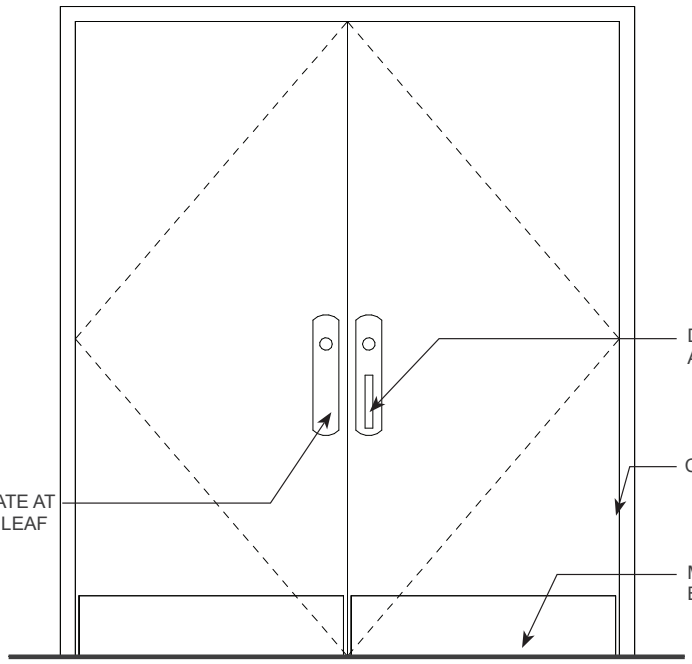
ALTERNATIVE DOOR JAMB @ SIDELITES



DOOR PLAN DETAIL

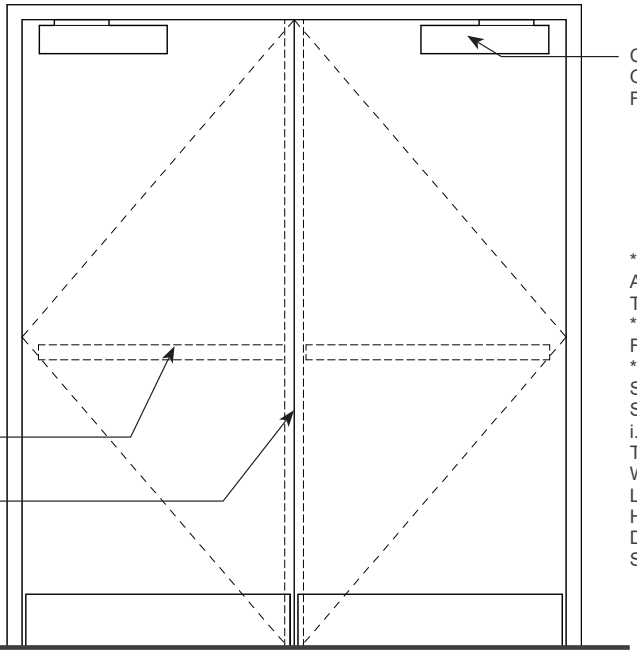
Typical Details:
Typical Door Hardware

EXTERIOR



INTERIOR

EXIT SIGNAGE LOCATED PER APPLICABLE CODE

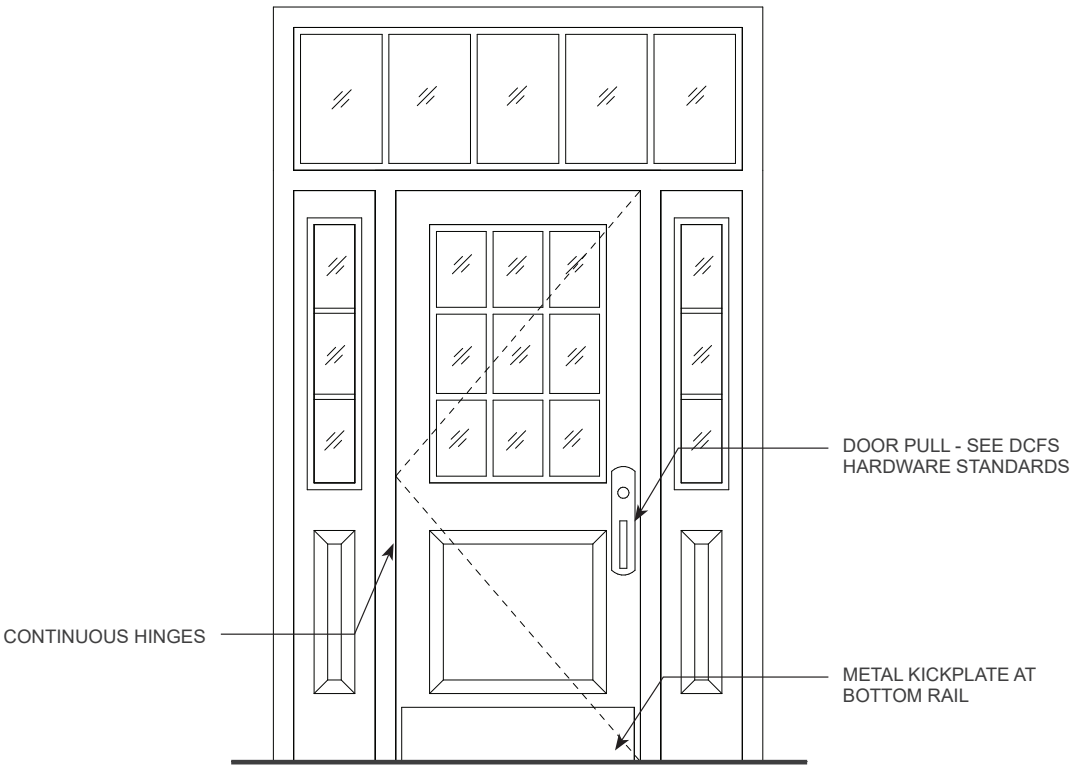


* GENERIC DOORS SHOWN - APPLICABLE FOR BUILDING ENTRANCE TYPES GOVERNED BY DCFS
* REFER TO COLOR PALETTE LEGEND FOR HARWARE FINISH MATERIAL
* REFER TO DCFS HARDWARE SECTION FOR ADDITIONAL HARDWARE STANDARDS

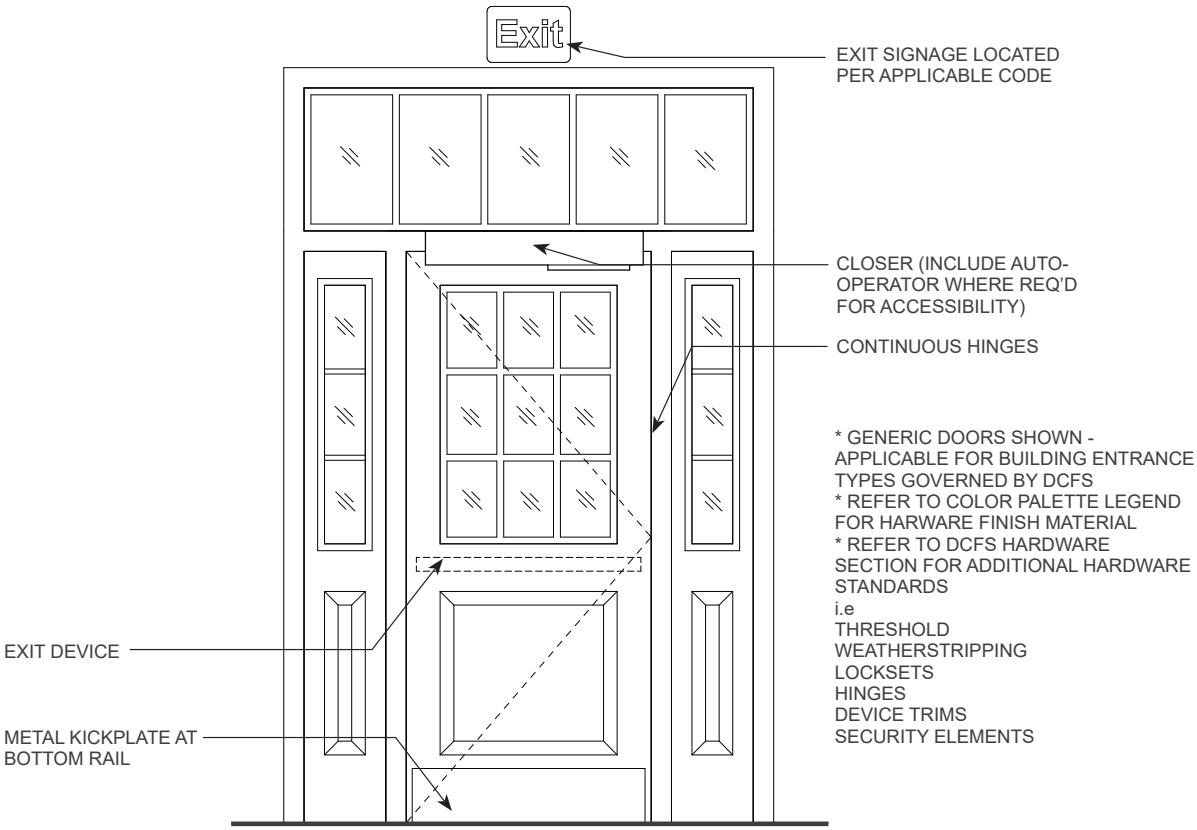
i.e
THRESHOLD
WEATHERSTRIPPING
LOCKSETS
HINGES
DEVICE TRIMS
SECURITY ELEMENTS

DOUBLE DOOR ELEVATION INCLUDING HARDWARE

EXTERIOR



INTERIOR



SINGLE DOOR ELEVATION INCLUDING HARDWARE

Typical Details:
Building Color Palette

LEGEND	ERA	PRIMARY
PAINT -SHERWIN WILLIAMS SW7005 PURE WHITE / EQUIVALENT OR MATCH OWNER'S SAMPLE METAL/FRP - SHERWIN WILLIAMS SW7005 PURE WHITE / EQUIVALENT OR MATCH OWNER'S SAMPLE PAINT - GREY TO MATCH OWNER'S SAMPLE METAL FINISH - KAWNEER #14 CLEAR OR MATCH OWNER'S SAMPLE HARDWARE - IVES - SATIN STAINLESS STEEL 630 OR MATCH OWNER'S SAMPLE METAL FINISH - KAWNEER #28 MEDIUM BRONZE OR EQUIVALENT HARDWARE - ALLEGION - DARK BRONZE 613 OR MATCH OWNER'S SAMPLE	TRADITIONAL	 DOOR AND SIDELITES FRAME DOOR PULLS / EXIT DEVICE
	MID-CENTURY	 DOOR AND SIDELITES FRAME DOOR PULLS / EXIT DEVICE
	MID-CENTURY MODERN /CONTEMPORARY	 DOOR AND SIDELITES FRAME DOOR PULLS / EXIT DEVICE

SECONDARY

DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

TERTIARY

DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

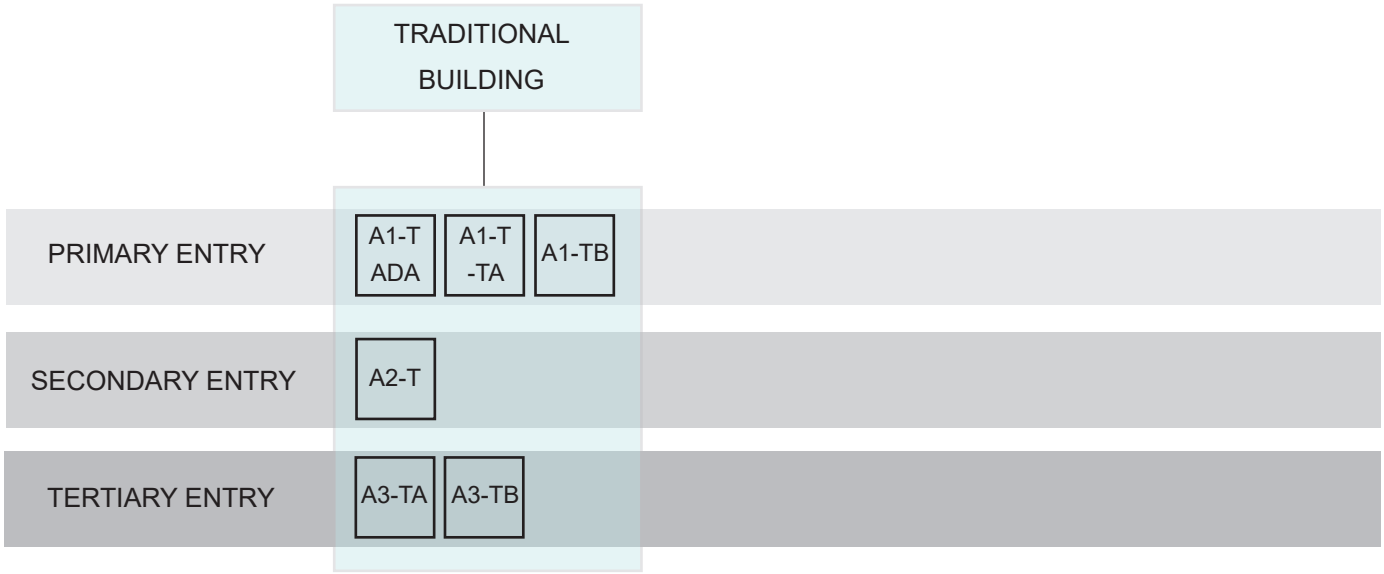
DOOR AND SIDELITES

FRAME

DOOR PULLS / EXIT DEVICE

Academic / Administrative Buildings

Door Recommendation



NOTE: Any ADA-accessible entrance, regardless of location (i.e. front, rear, side, etc.) will be considered a “Primary Entrance” for mobility-challenged and all other persons with disabilities. All “Primary Entrances” will be reviewed by the ALRB prior to work / repair / replacement.

Academic Traditional Primary ADA Entry

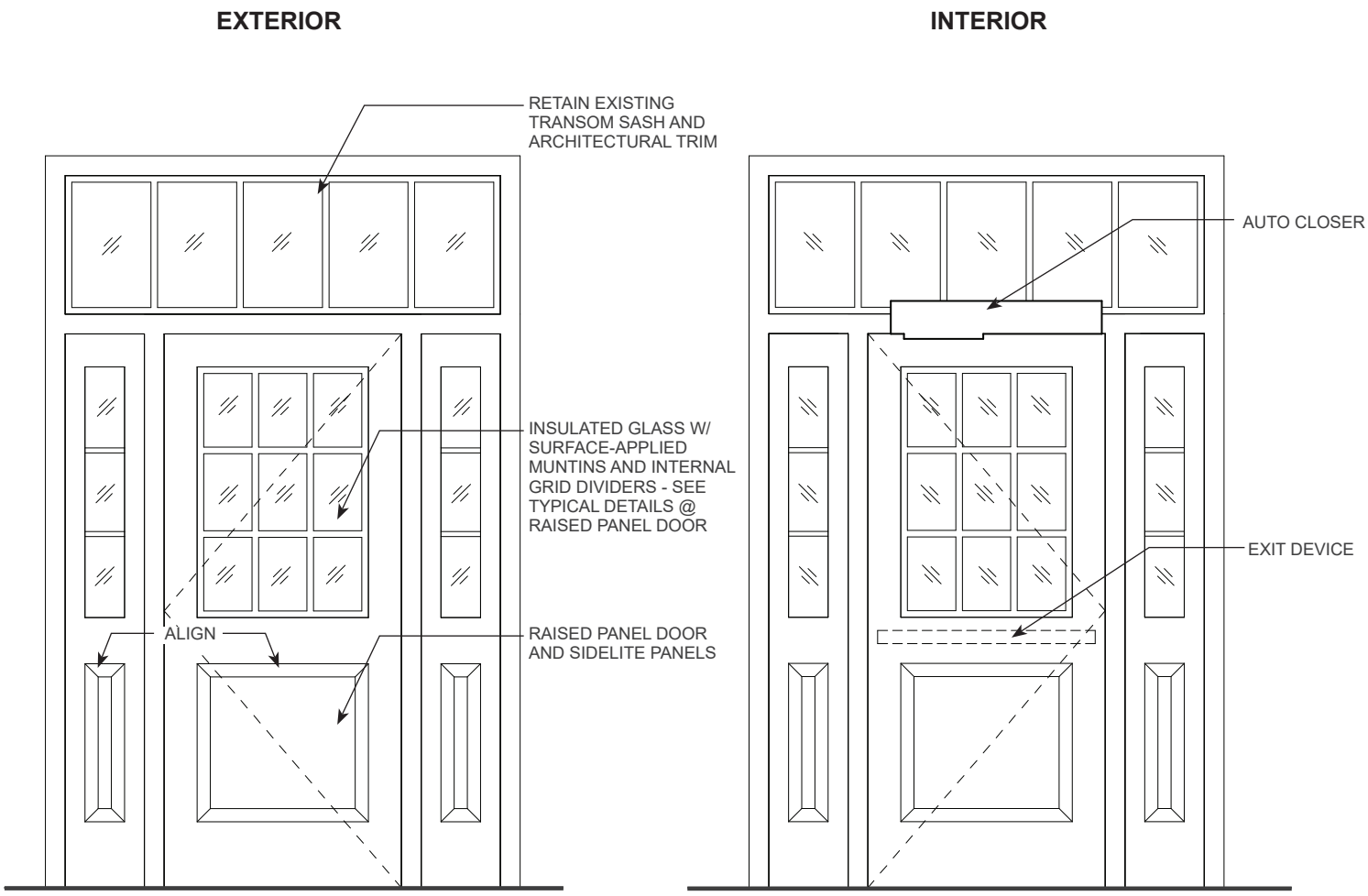
Existing Conditions

@ WOODS HALL 047

TYPICAL ADA WOOD RAISED PANEL DOOR TO BE REPLACED

A1-T-ADA

Replacement / New Door Options



*CONSIDERATION TO BE GIVEN TO PROPORTIONS OF TRANSOM AND ADJACENT WINDOW LITES WHEN SIZING GLASS LITES AT DOOR AND SIDELITES.

*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Aluminum

Finish:
See Color Palette

Academic Traditional Primary Entry NON-ADA - OPTION A

Existing Conditions

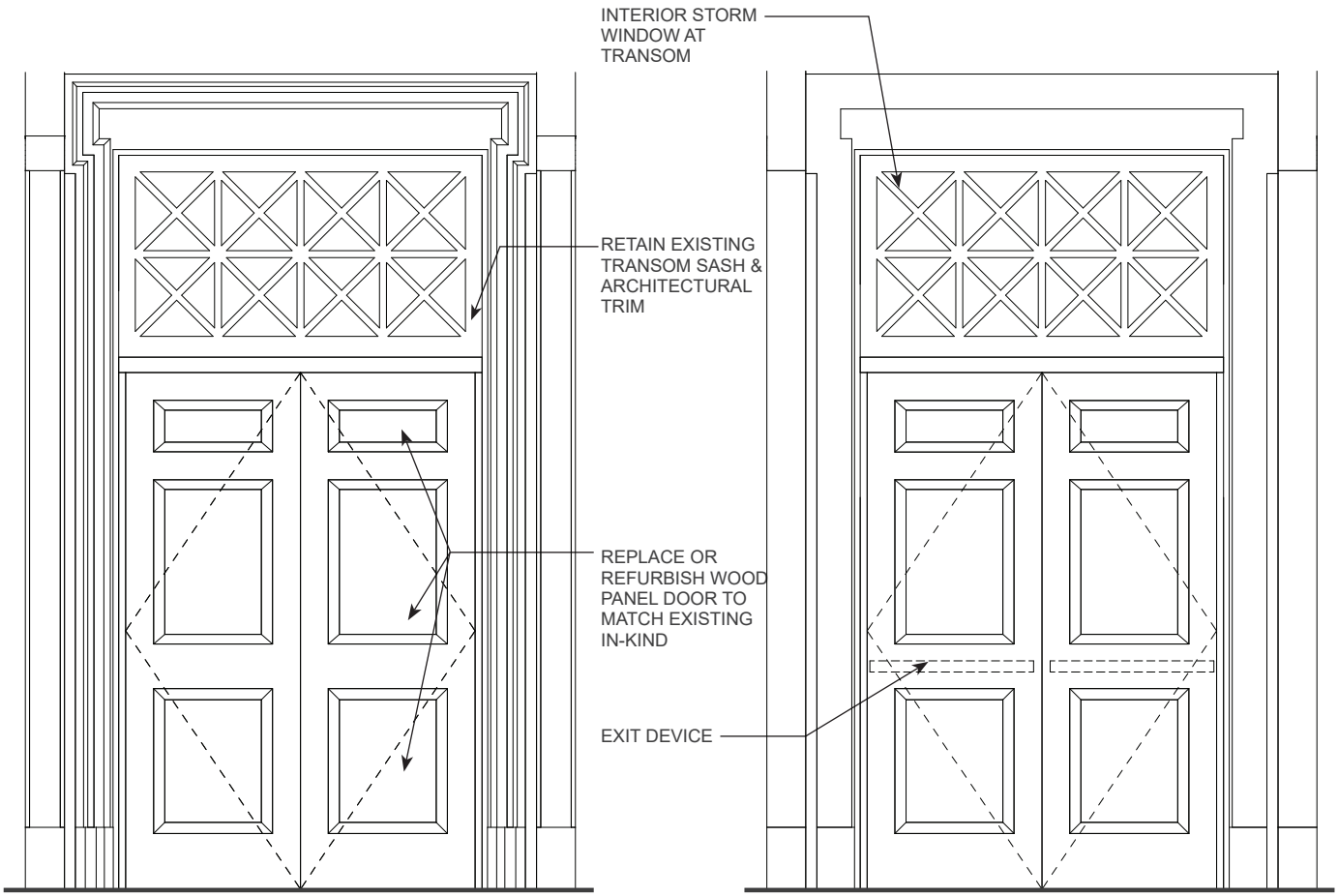
@ WOODS HALL 047

TYPICAL WOOD RAISED PANEL DOUBLE DOOR
TO BE REPLACED

A1-T-TA

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Wood

Finish:
See Color Palette

Academic Traditional Primary Entry NON-ADA - OPTION B

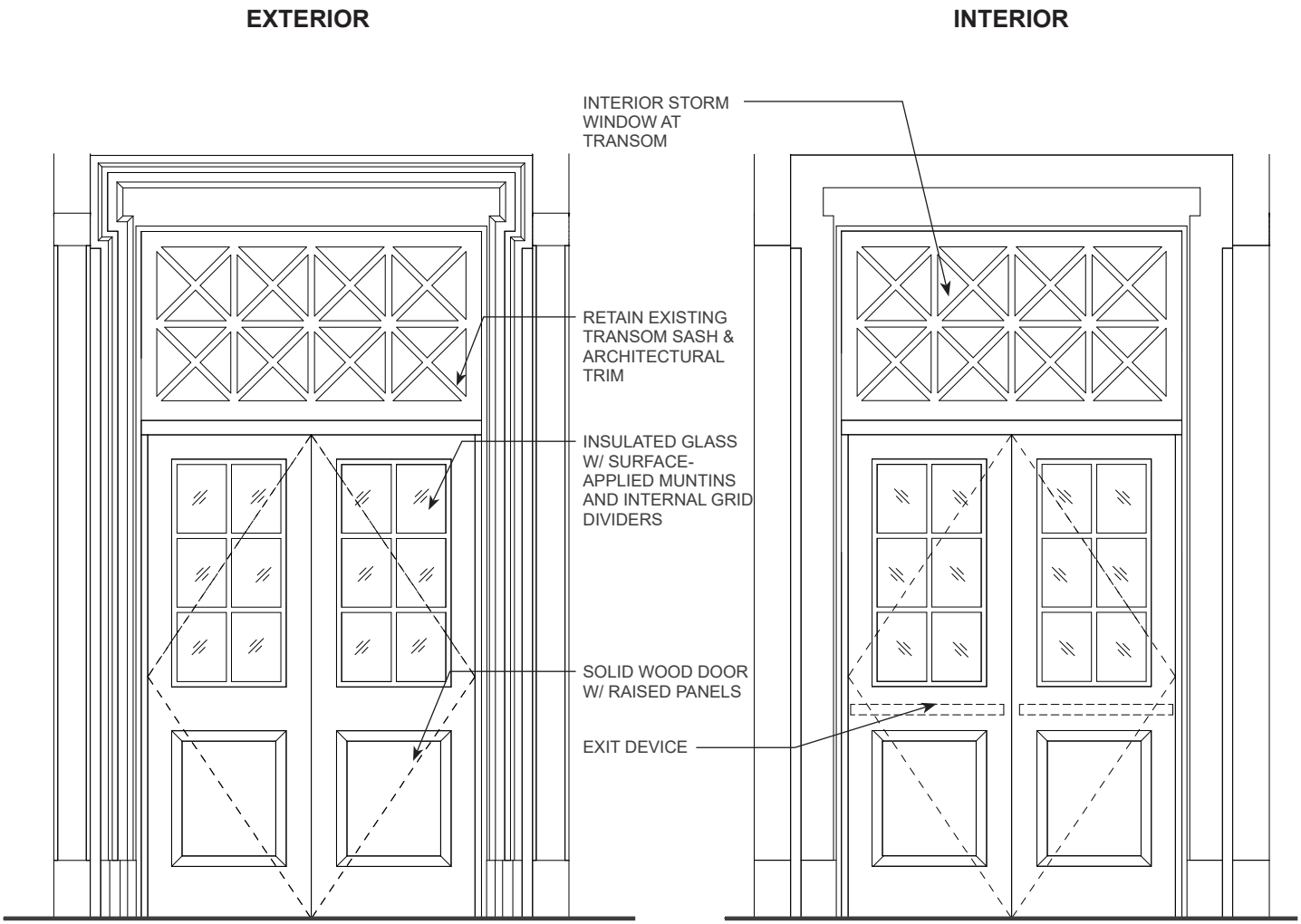
Existing Conditions

@ ARCHITECT'S RENDITION

TYPICAL HALF GLASS & WOOD RAISED PANEL
DOUBLE DOOR TO BE REPLACED

A1-T-TB

Replacement / New Door Options



"CONSIDERATION TO BE GIVEN TO PROPORTIONS OF TRANSOM AND ADJACENT WINDOW LITES WHEN SIZING GLASS LITES AT DOOR AND SIDELITES.

*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Wood

Finish:
See Color Palette

Academic Traditional Secondary Entry

Existing Conditions

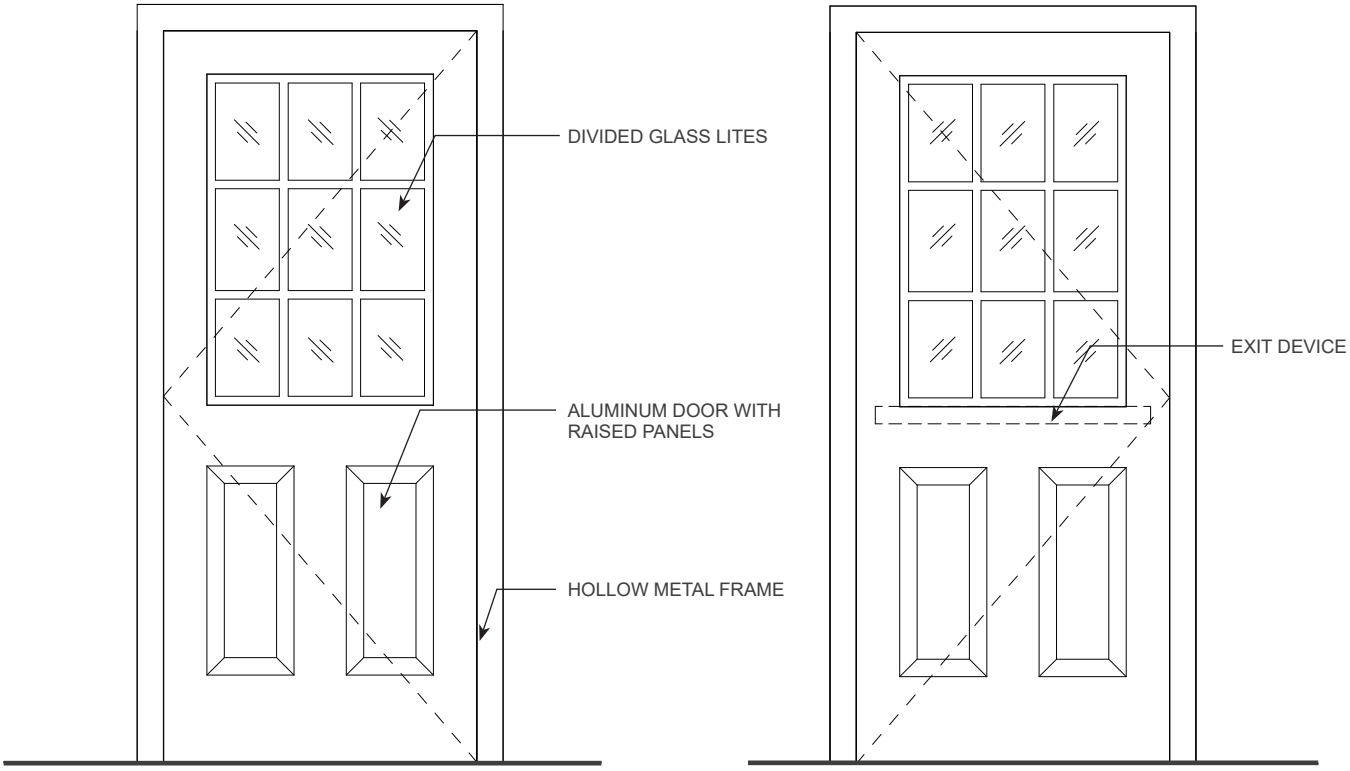
@ COLE 162

TYPICAL SINGLE WOOD RAISED PANEL DOOR TO BE REPLACED

A2-T

Replacement / New Door Options

EXTERIOR **INTERIOR**



"CONSIDERATION TO BE GIVEN TO PROPORTIONS OF TRANSOM (IF PRESENT) AND ADJACENT WINDOW LITES WHEN SIZING GLASS LITES AT DOOR AND SIDELITES.

*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Aluminum

Finish:
See Color Palette

Academic Traditional Tertiary Single Entry

Existing Conditions

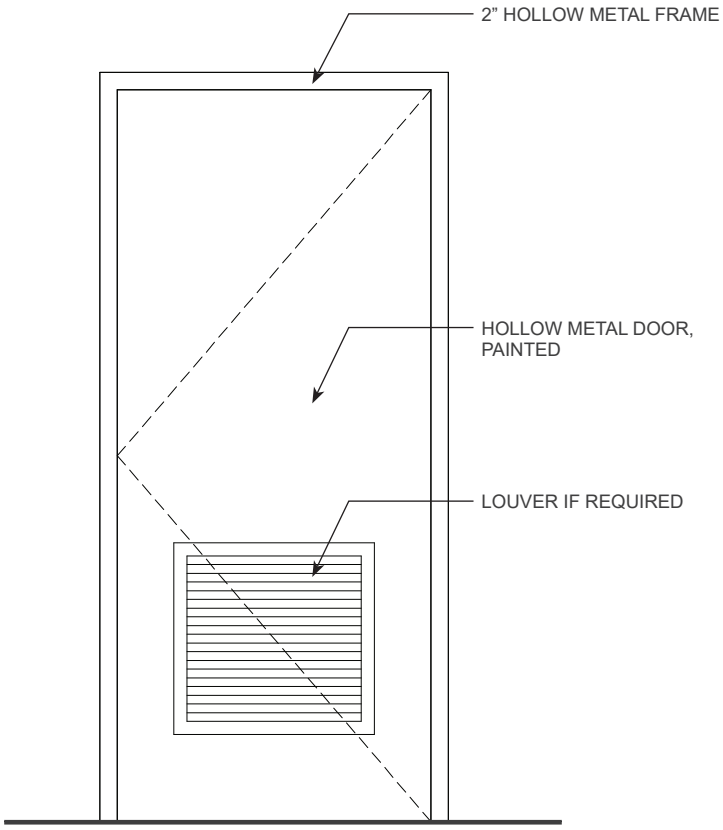
@ SYMONS HALL 076

TYPICAL HOLLOW METAL SINGLE DOOR
TO BE REPLACED

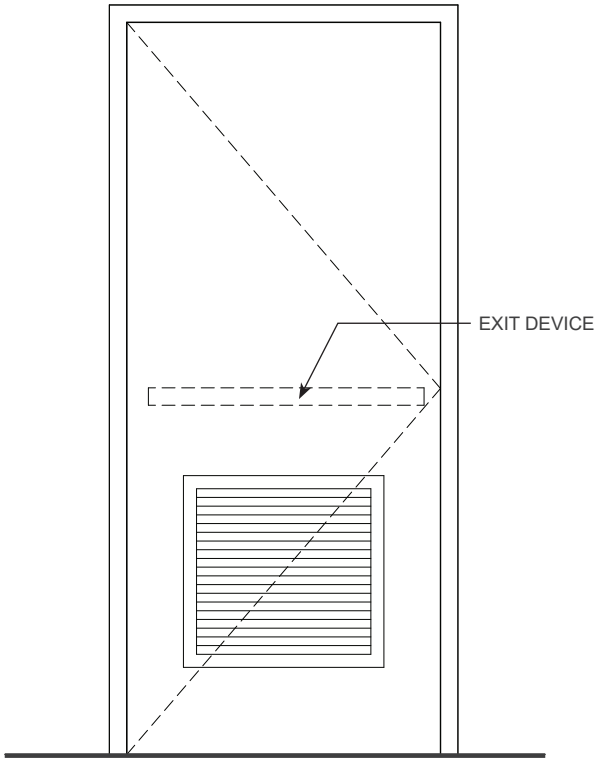
A3-TA

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Academic Traditional Service Entry

Existing Conditions

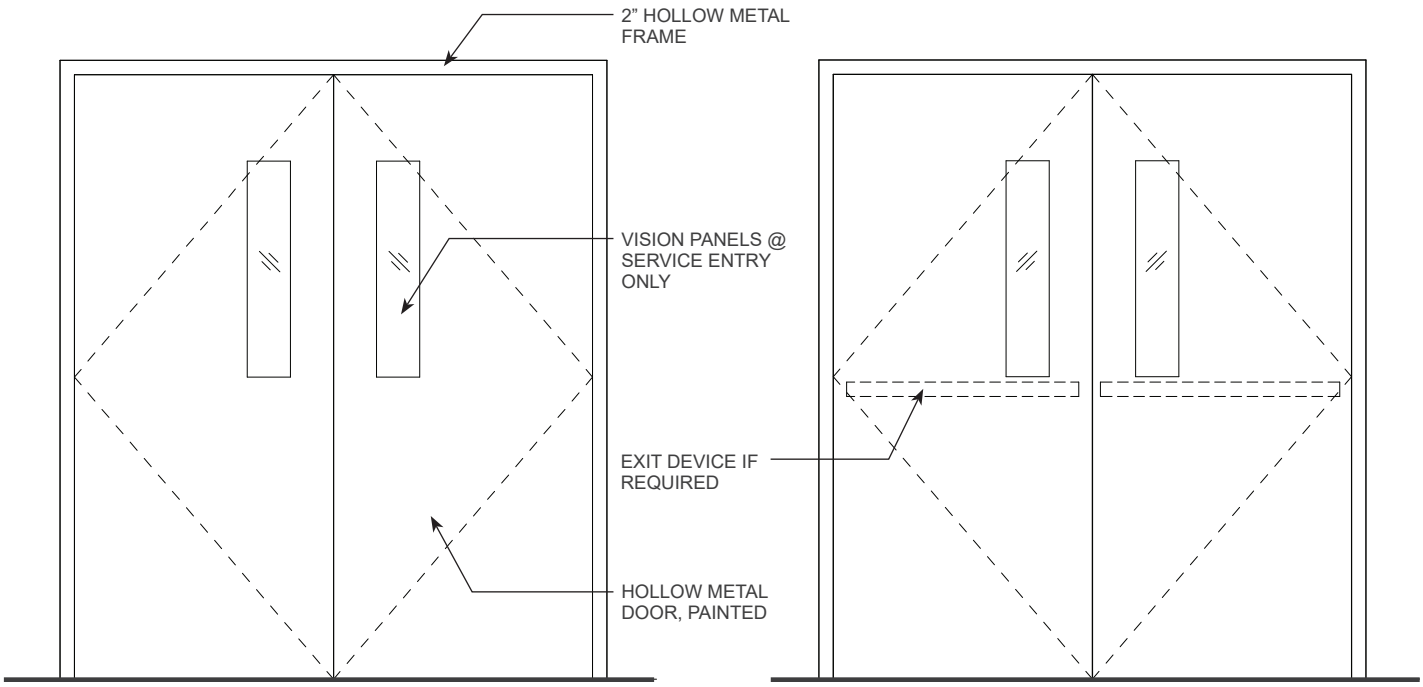
@ PLANT SCIENCES 036

TYPICAL HOLLOW METAL DOUBLE DOOR WITH GLASS LITES TO BE REPLACED

A3-TB

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

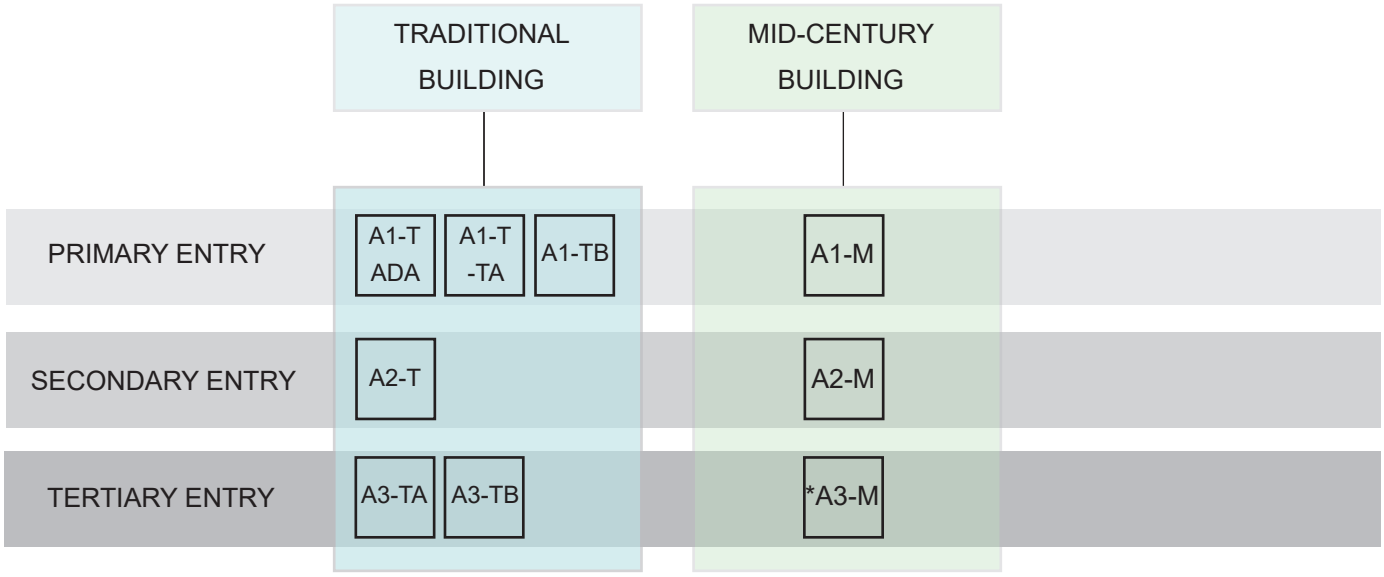
Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Academic / Administrative Buildings

Door Recommendation



* SPECIFIC EXAMPLE SHOWN IS SIMILAR AND APPLICABLE TO MID-CENTURY MODERN BUILDINGS

NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

Academic Mid-Century Primary Entry

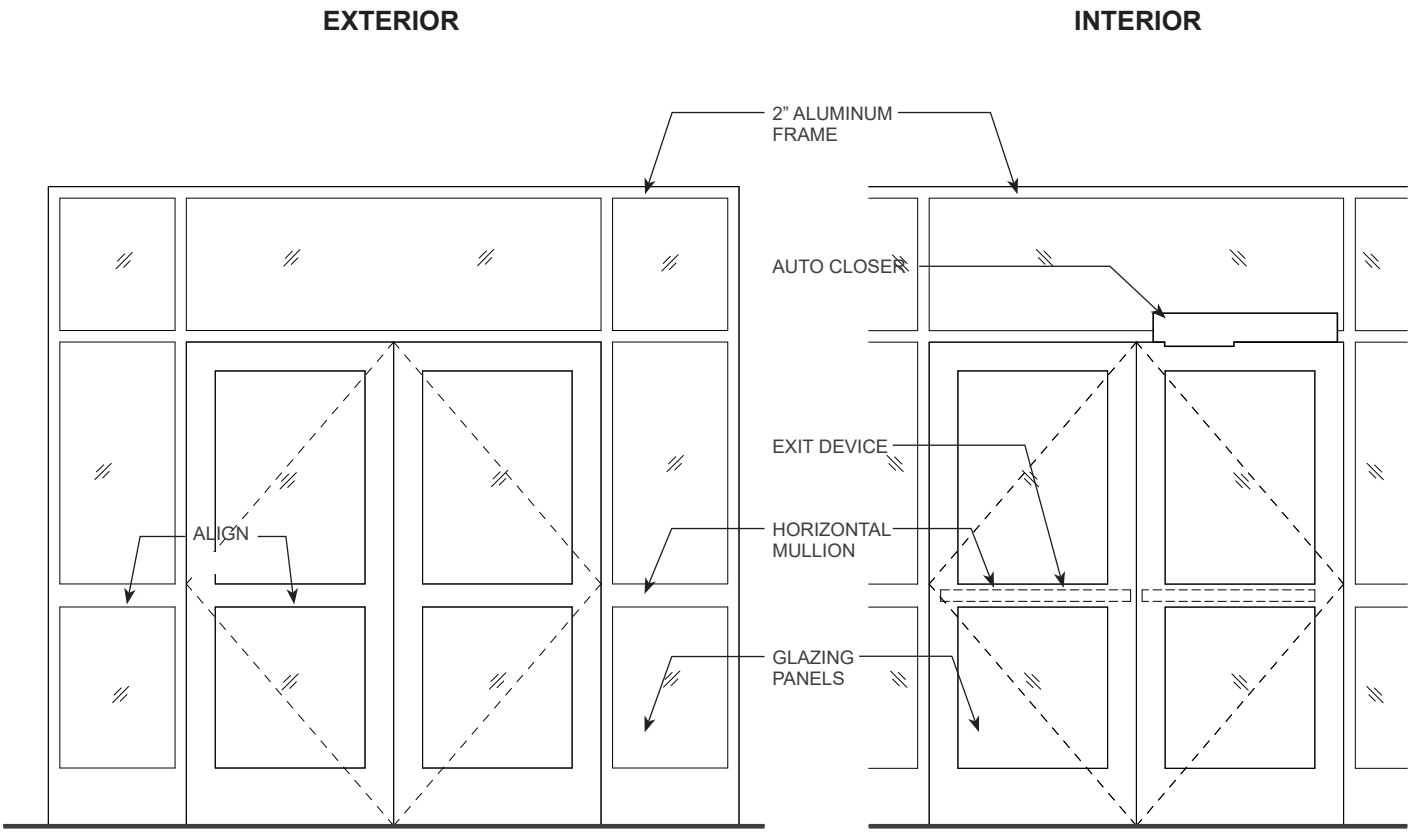
Existing Conditions

@ PARREN J. MITCHELL - ART SOCIOLOGY 146

TYPICAL BRONZE ALUMINUM STOREFRONT DOUBLE DOOR TO BE REPLACED

A1-M

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CECO DOORS
KAWNEER
YKK
EFCO

Material:
Aluminum

Finish:
See Color Palette

Academic Mid-Century Secondary Entry

Existing Conditions

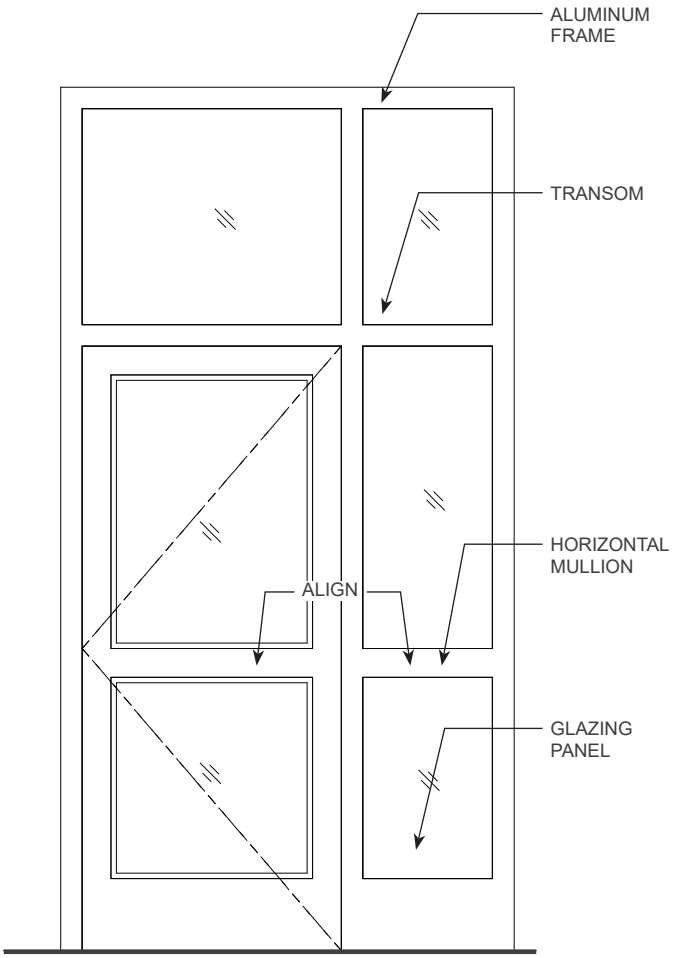
@ HORNBAKE LIBRARY 147

TYPICAL METAL & GLASS DOOR TO BE REPLACED

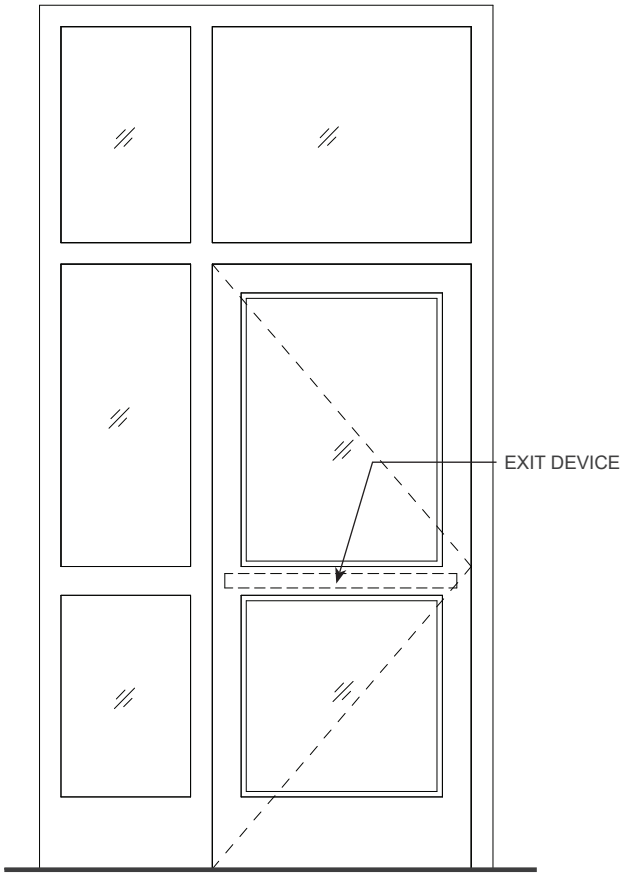
A2-M

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CECO DOORS
KAWNEER
YKK
EFCO

Material:
Aluminum

Finish:
See Color Palette

Academic Mid-Century Tertiary Entry

Existing Conditions

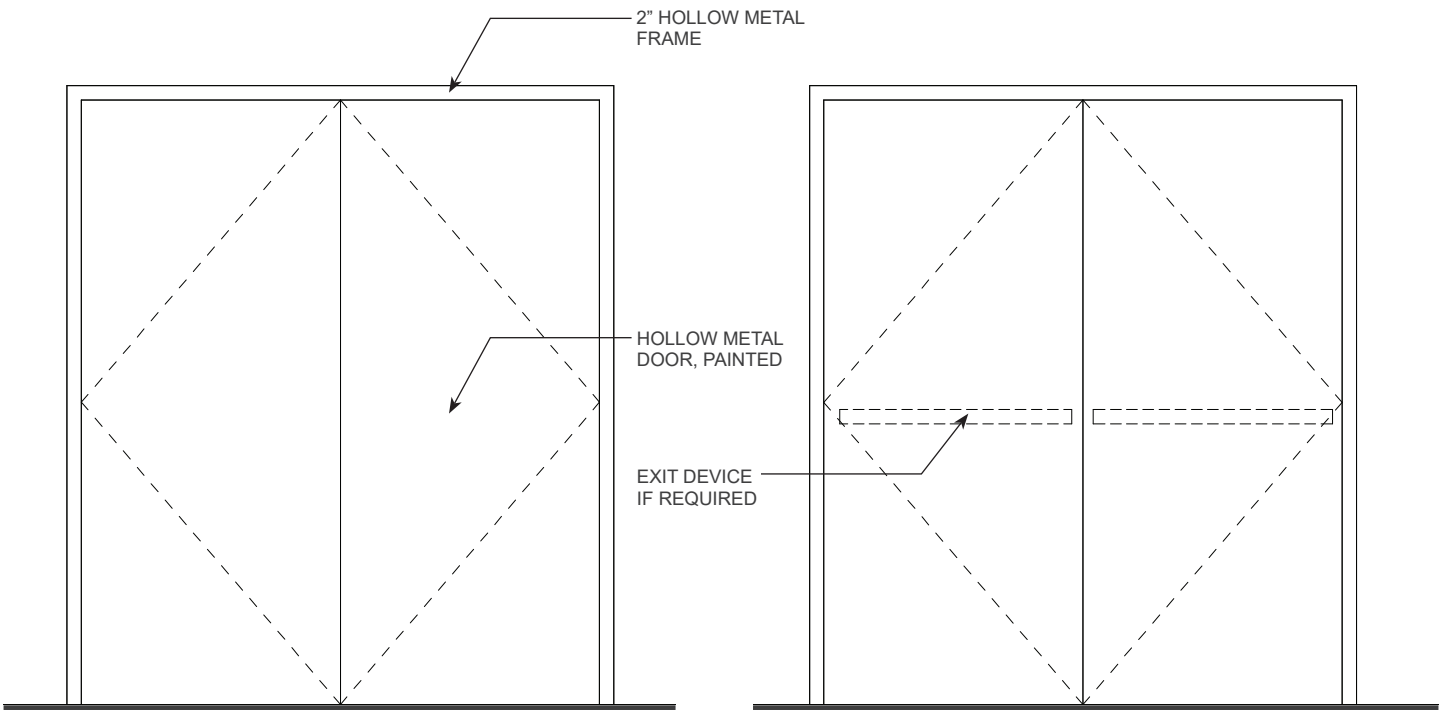
@ VAN MUNCHING 039

TYPICAL HOLLOW METAL MECHANICAL ROOM DOUBLE DOOR WITH HOLLOW METAL FRAME TO BE REPLACED

A3-M

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

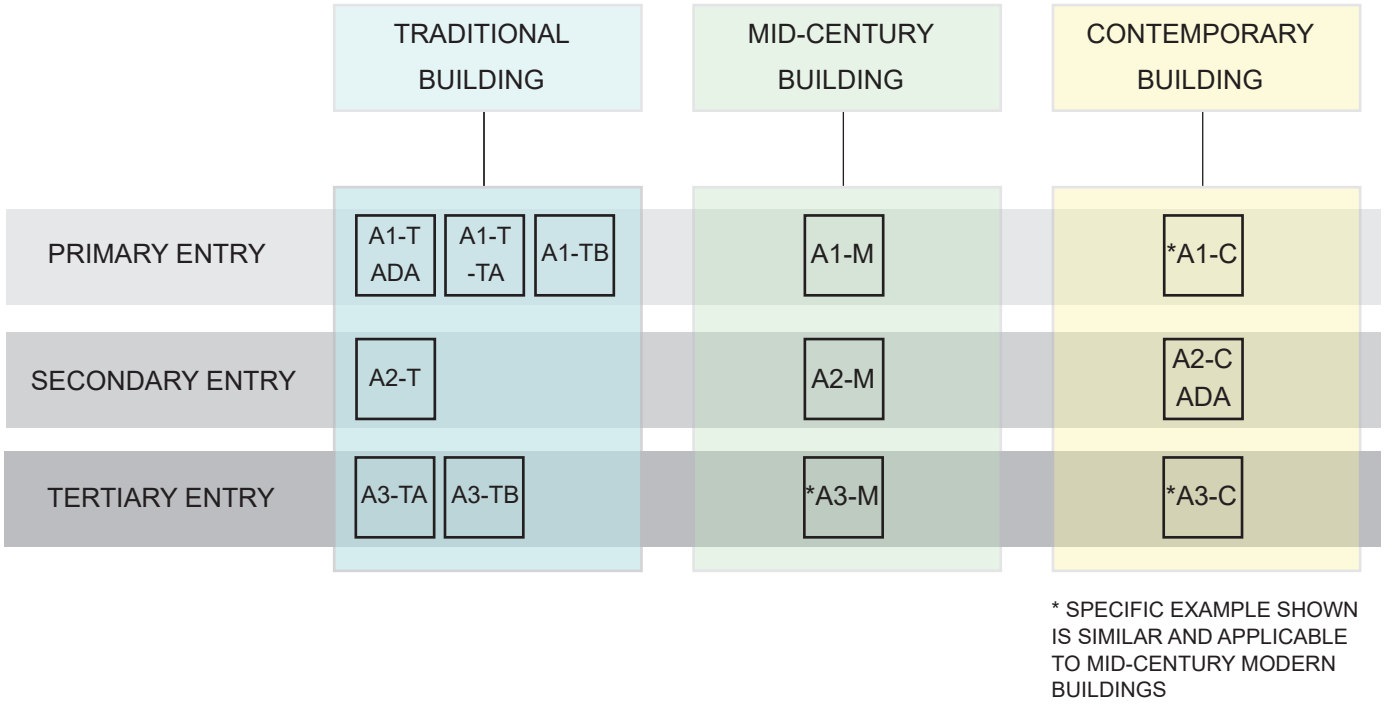
Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Academic / Administrative Buildings

Door Recommendation



* SPECIFIC EXAMPLE SHOWN IS SIMILAR AND APPLICABLE TO MID-CENTURY MODERN BUILDINGS

NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

Academic Contemporary Primary Entry

Existing Conditions

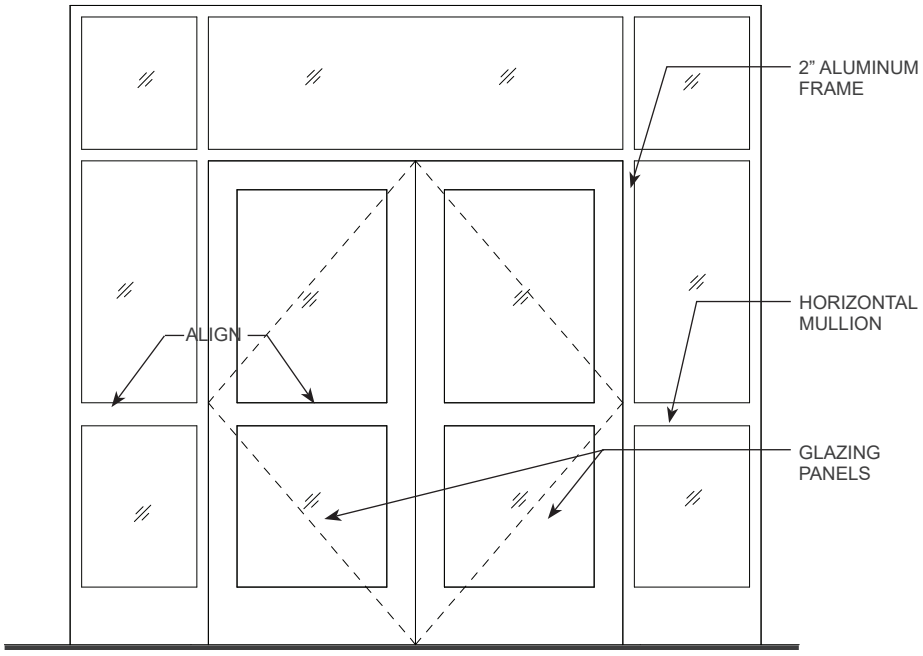
@ ANIMAL SCIENCES 142

TYPICAL ALUMINUM STOREFRONT DOUBLE DOOR TO BE REPLACED

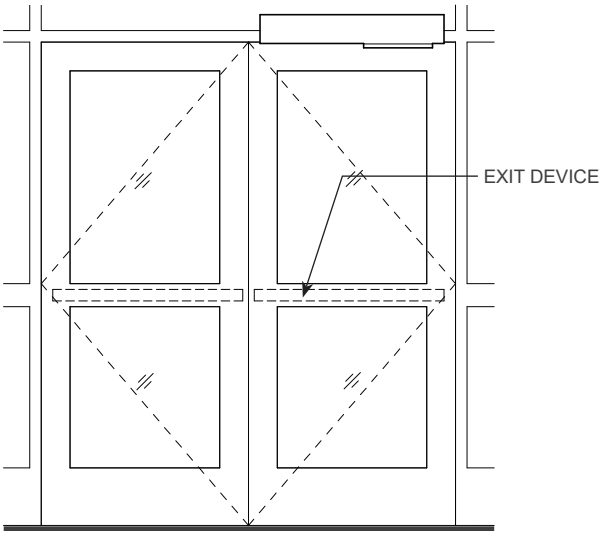
A1-C

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CECO DOORS
KAWNEER
YKK
EFCO

Material:
Aluminum

Finish:
See Color Palette

Academic Contemporary ADA Entry

Existing Conditions

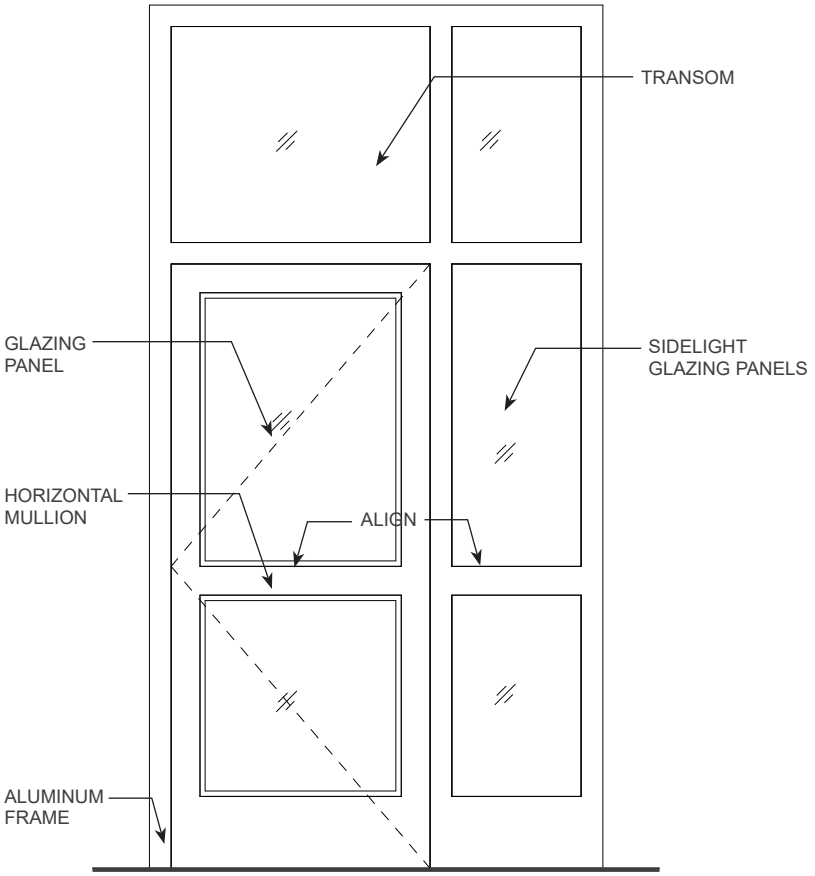
@ HORNBAKE LIBRARY 147

TYPICAL METAL DOOR AND SIDELITE TO BE REPLACED

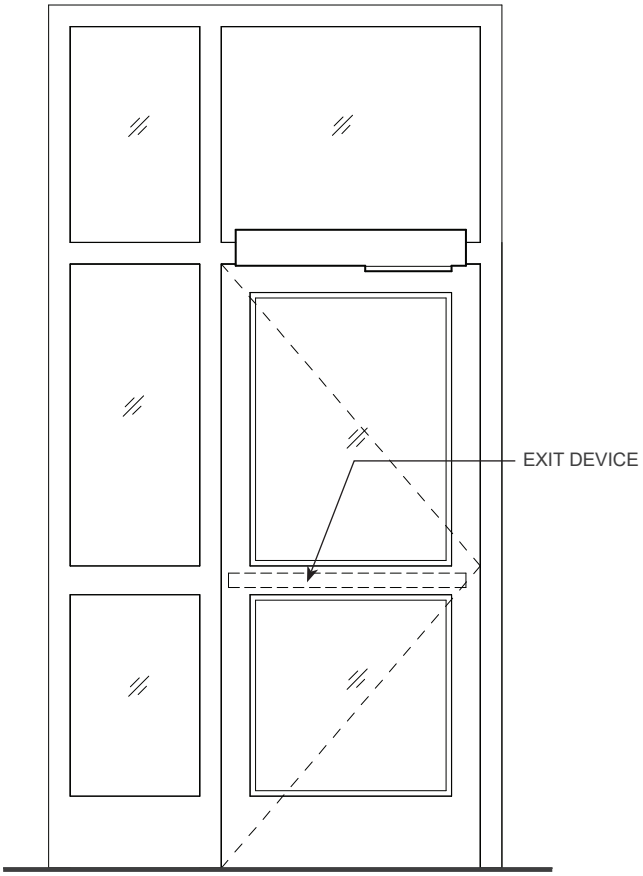
A2-C-ADA

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Academic Contemporary Tertiary Entry

Existing Conditions

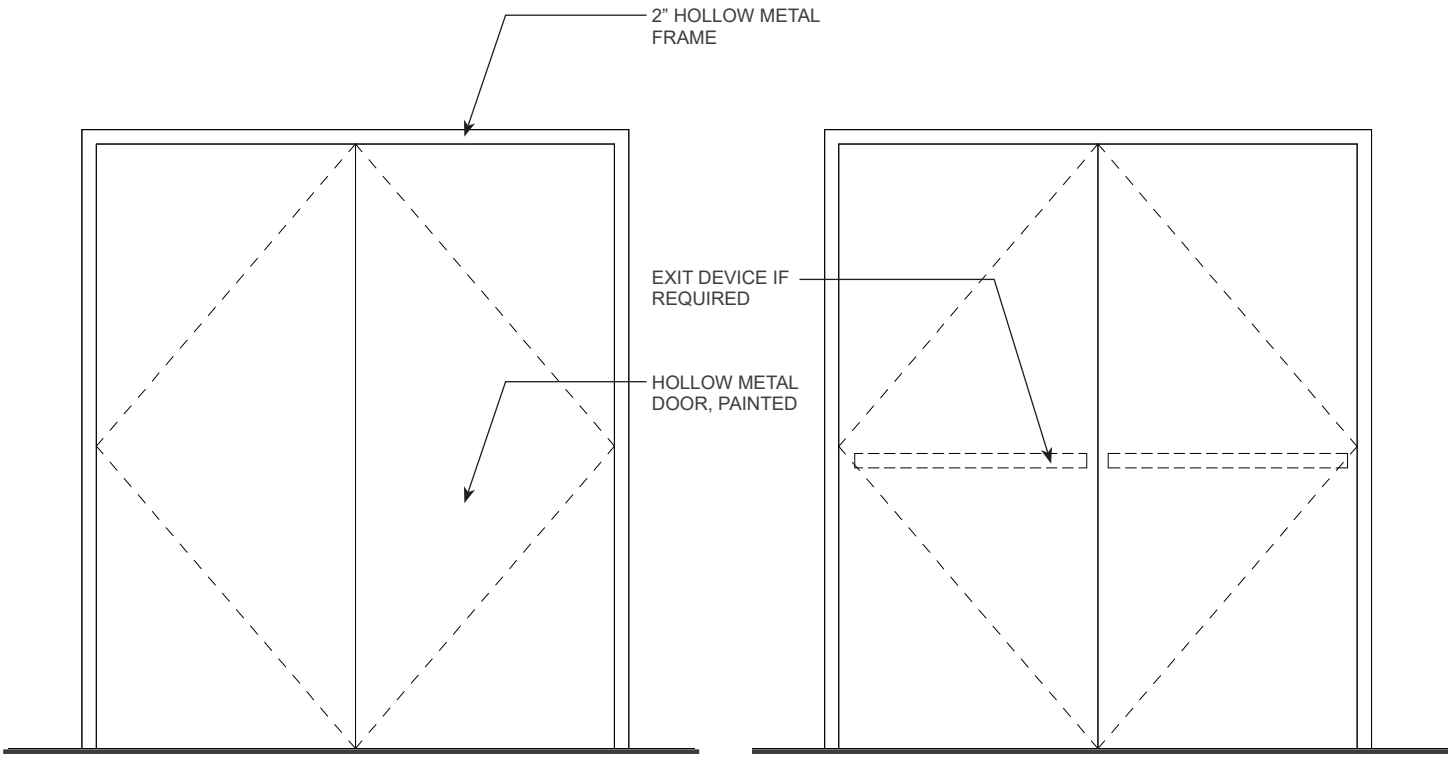
@ VAN MUNCHING 039

TYPICAL HOLLOW METAL MECHANICAL ROOM DOUBLE DOOR WITH HOLLOW METAL FRAME TO BE REPLACED

A3-C

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

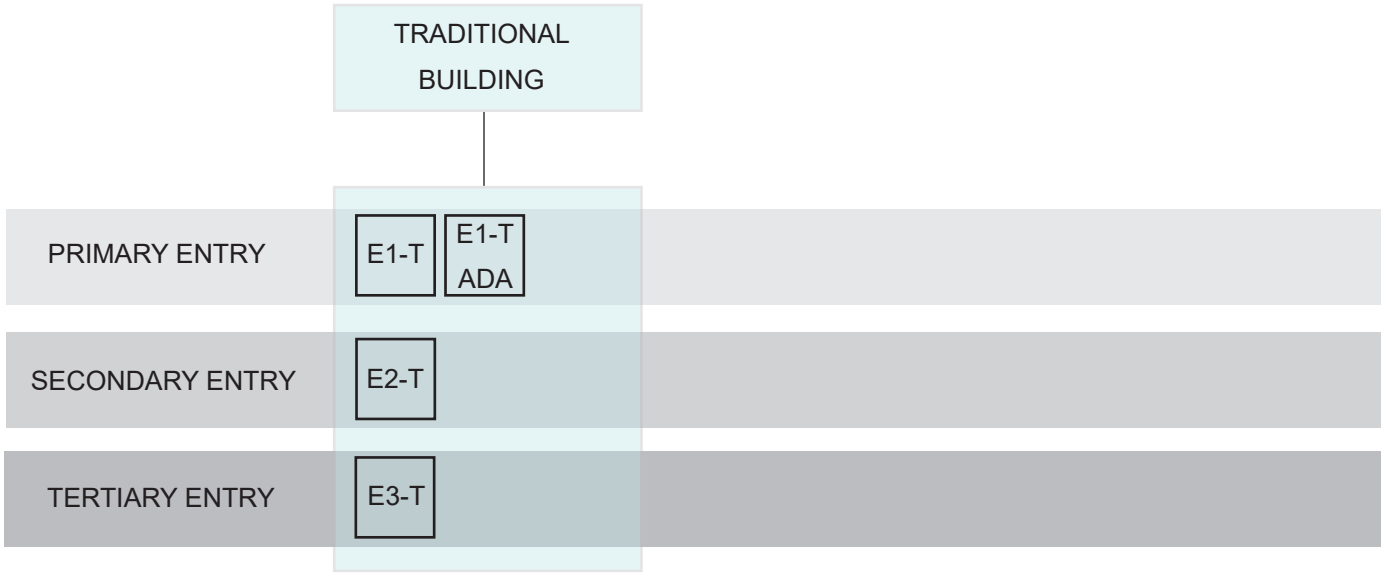
Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Assembly / Events Buildings

Door Recommendation



NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

Assembly & Events Traditional Primary Entry

Existing Conditions

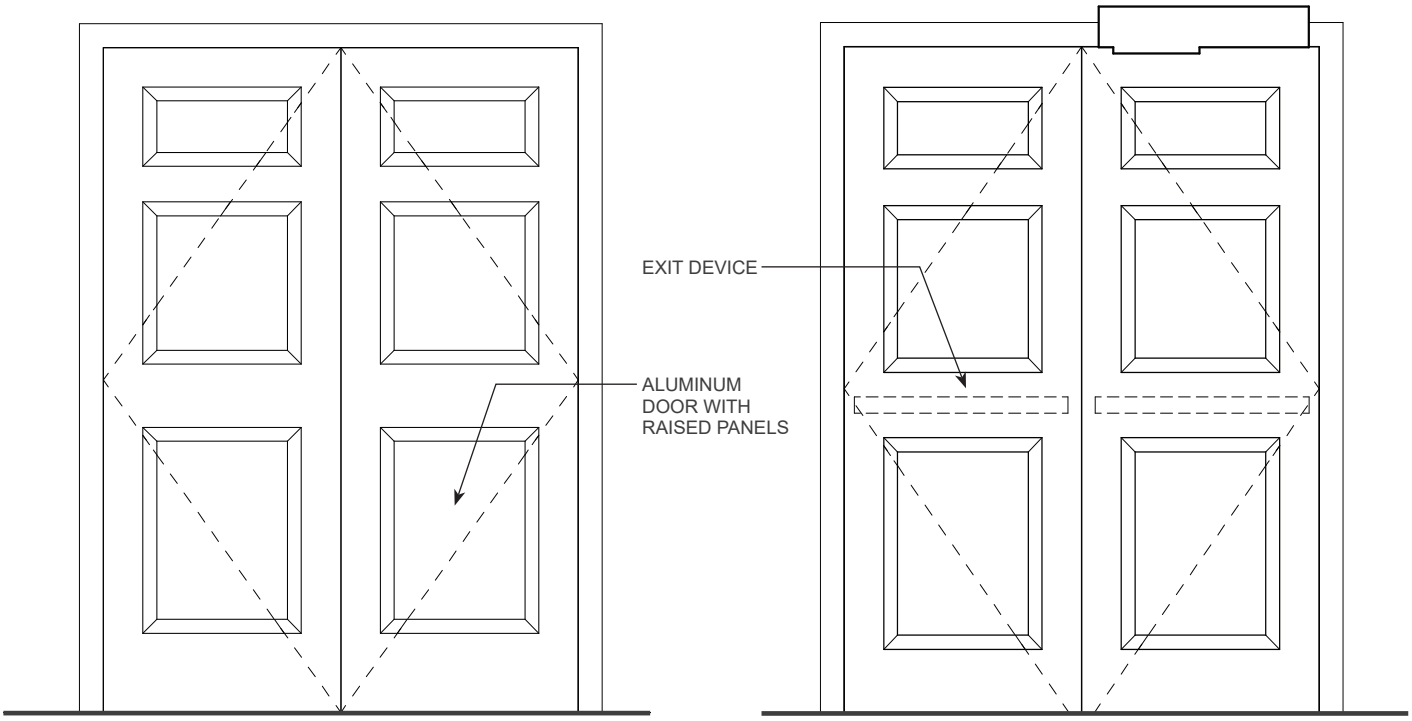
@ RITCHIE COLOSSEUM 004

TYPICAL RAISED PANEL DOOR TO BE REPLACED

E1-T

Replacement / New Door Options

EXTERIOR **INTERIOR**



* EXCEPTION: REPLACEMENT WOOD DOORS ALLOWED WHERE WEATHER PROTECTION IS PROVIDED

*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Wood / Aluminum

Finish:
See Color Palette

Assembly & Events Traditional Primary ADA Entry

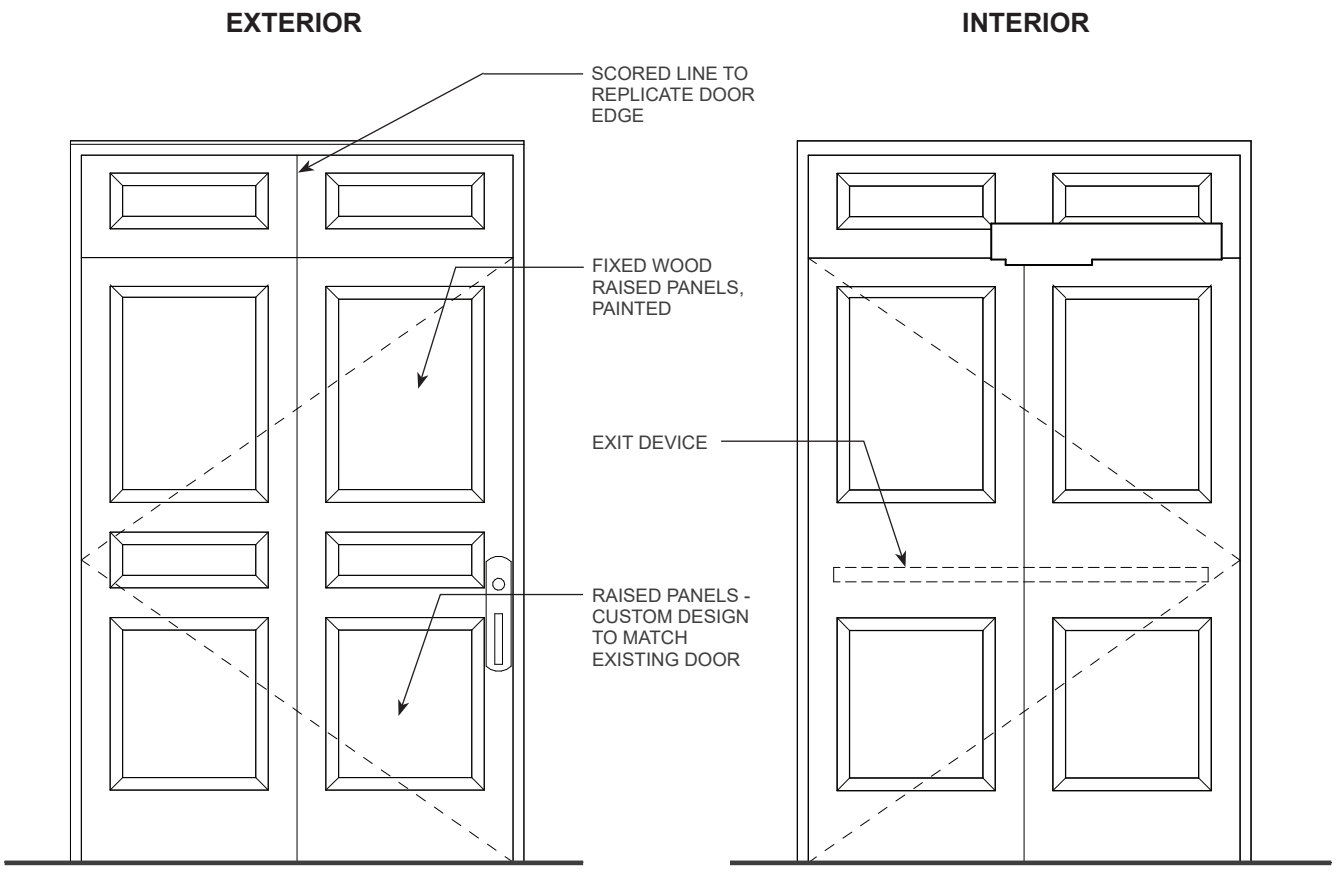
Existing Conditions

@ MEMORIAL CHAPEL - EAST DOOR 009

TYPICAL NON-ACCESSIBLE WOOD DOUBLE DOOR TO BE REPLACED

E1-T-ADA

Replacement / New Door Options



* SINGLE WOOD DOOR SIMULATED DESIGN TO APPEAR AS DOUBLE DOORS

*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
SIMPSON
JELD-WEN

Material:
Wood

Finish:
See Color Palette

Assembly & Events Traditional Secondary Entry

Existing Conditions

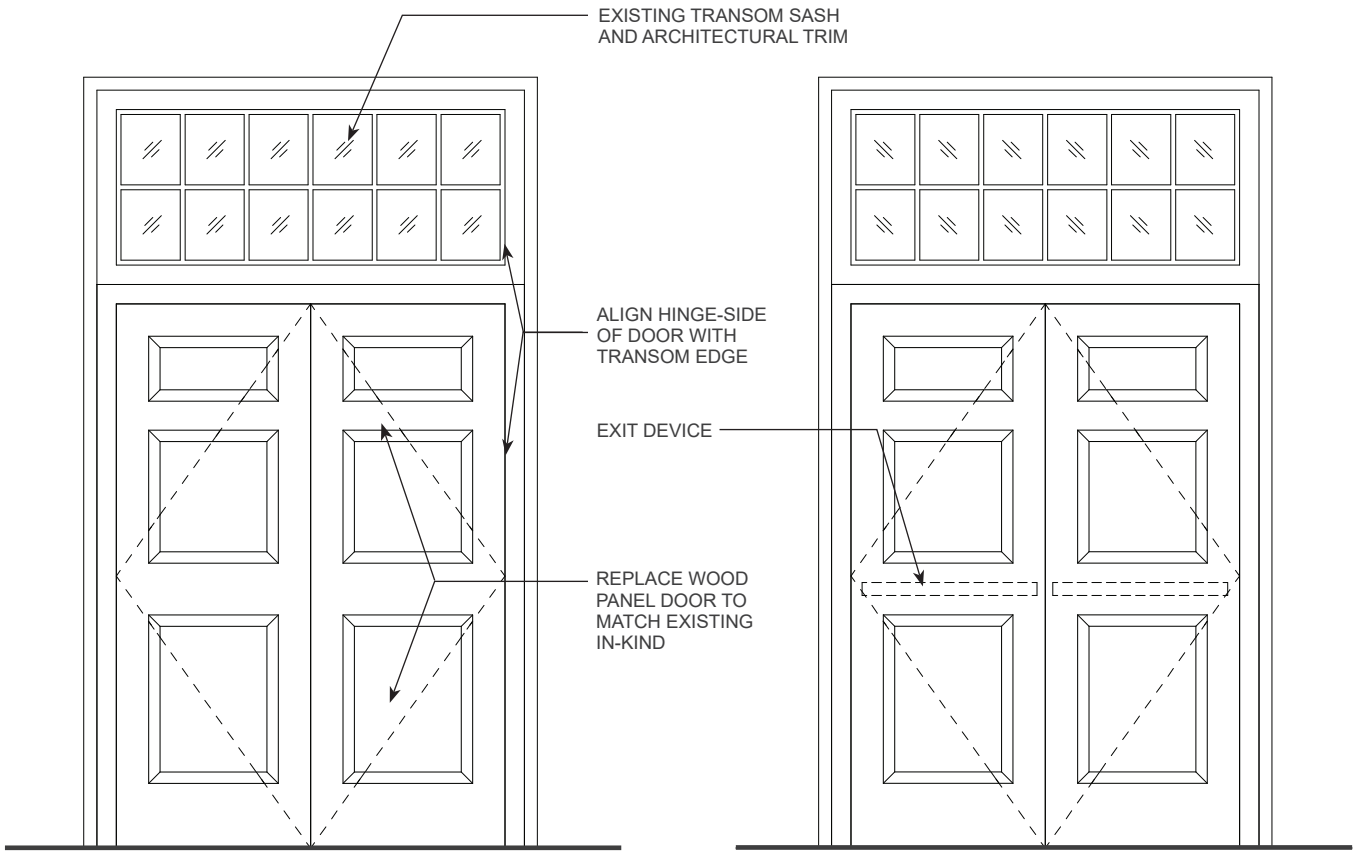
@ RECKORD ARMORY 078

TYPICAL WOOD RAISED PANEL DOUBLE DOOR TO BE REPLACED

E2-T

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Manufacturers:
HARRING
LEMIEUX
CUSTOM

Material:
Wood

Finish:
See Color Palette

Assembly & Events Traditional Tertiary Entry

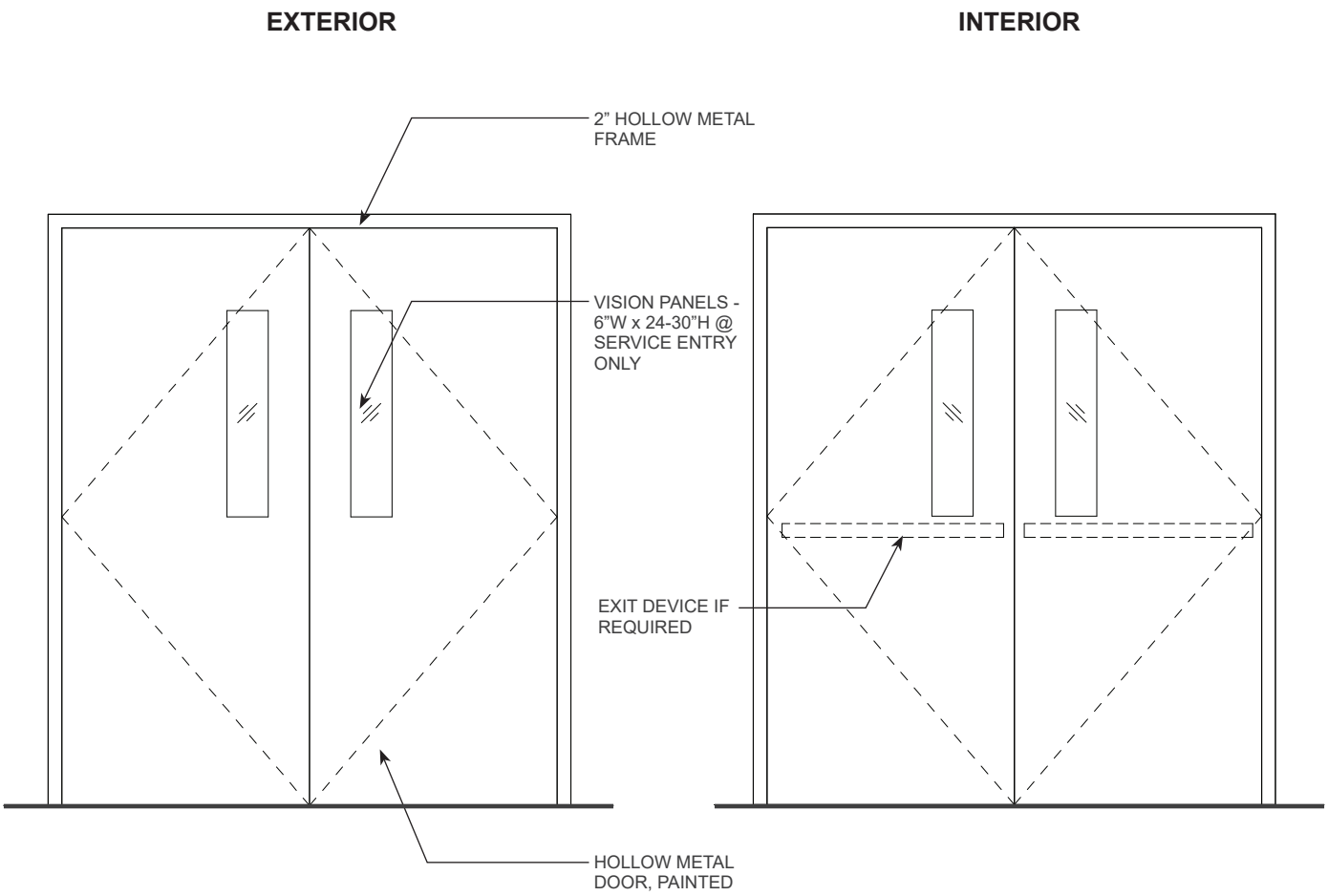
Existing Conditions

@ COLE FIELD HOUSE 162

TYPICAL HOLLOW METAL DOUBLE DOOR WITH HOLLOW METAL FRAME TO BE REPLACED

E3-T

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

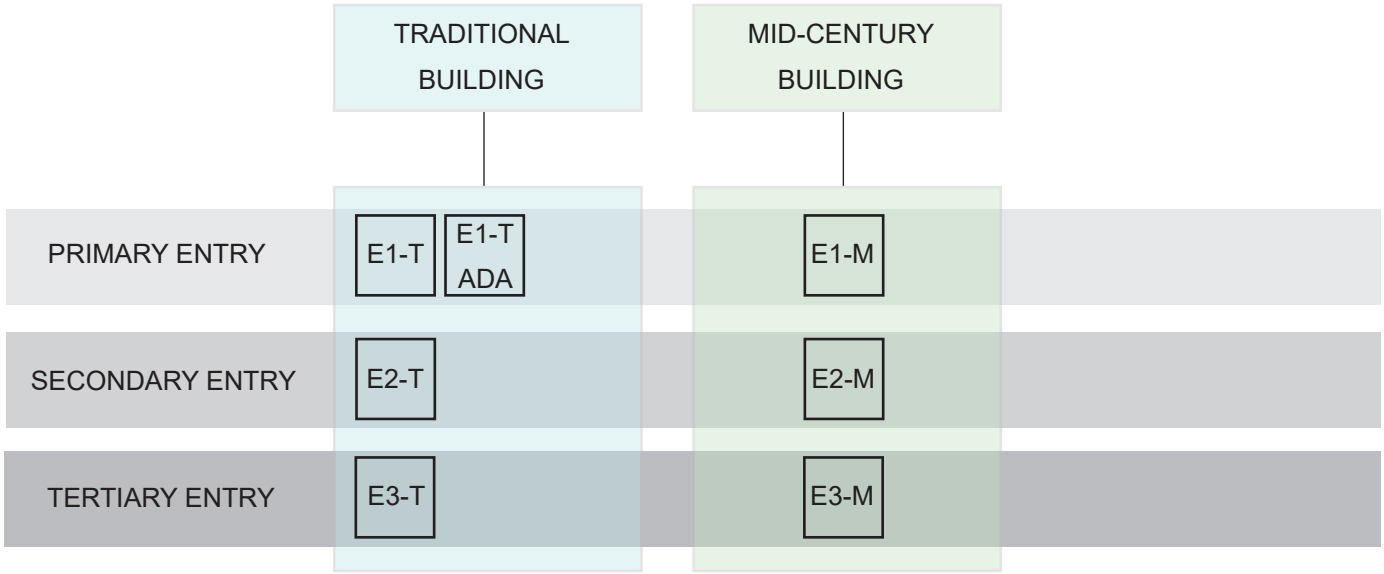
Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Assembly / Events Buildings

Door Recommendation



NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

Assembly & Events Mid-Century Primary Entry

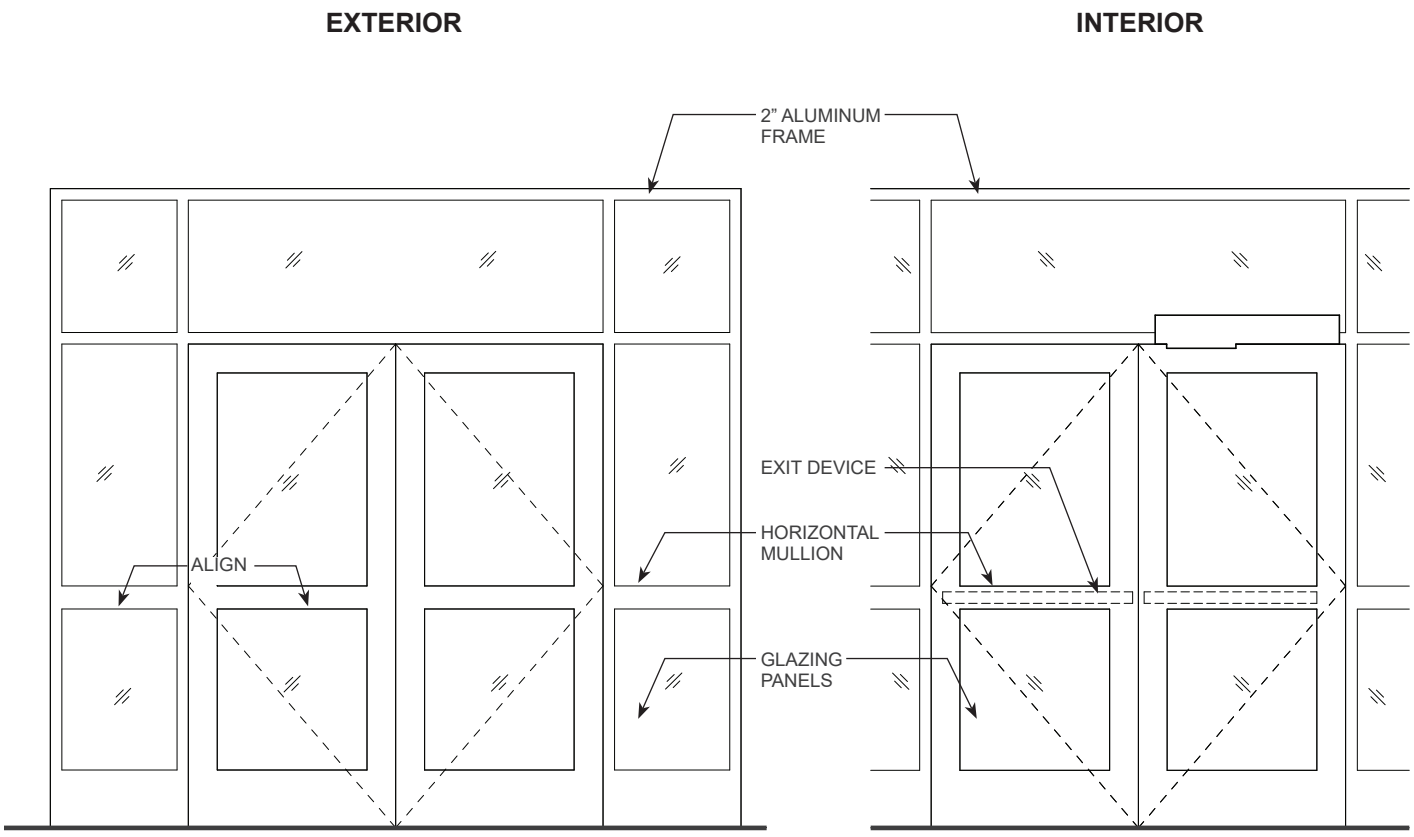
Existing Conditions

@ SOUTH CAMPUS DINING 026

TYPICAL ALUMINUM STOREFRONT DOUBLE DOOR TO BE REPLACED

E1-M

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CECO DOORS
KAWNEER
YKK
EFCO

Material:
Aluminum

Finish:
See Color Palette

Assembly & Events Mid-Century Secondary Entry

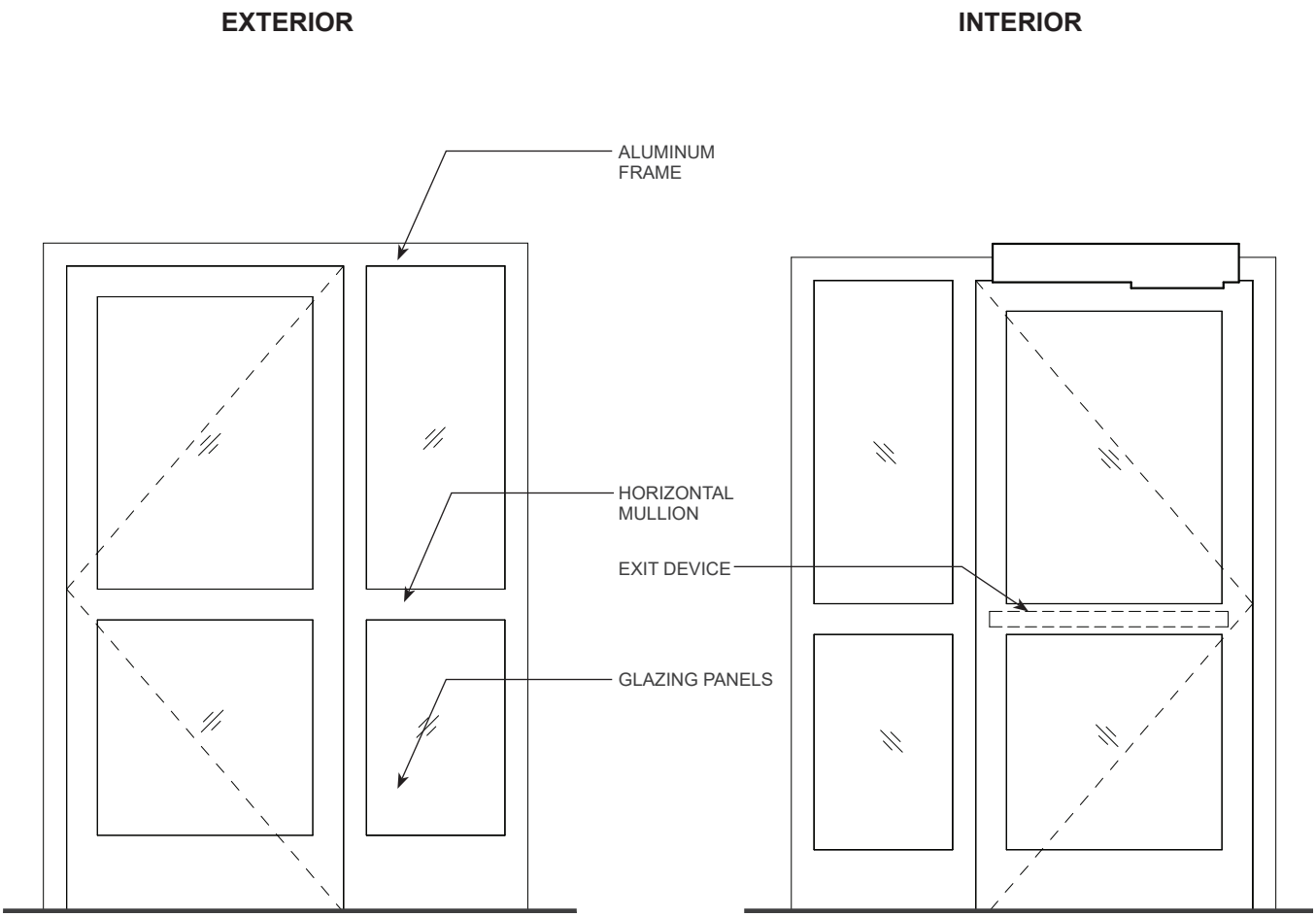
Existing Conditions

@ SOUTH CAMPUS DINING 026

TYPICAL NARROW LEAF ALUMINUM AND GLASS STOREFRONT
DOUBLE DOOR TO BE REPLACED

E2-M

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Manufacturers:
SPECIAL-LITE
CECO DOORS
KAWNEER
YKK
EFCO

Material:
Aluminum

Finish:
See Color Palette

Assembly & Events Mid-Century Tertiary Entry

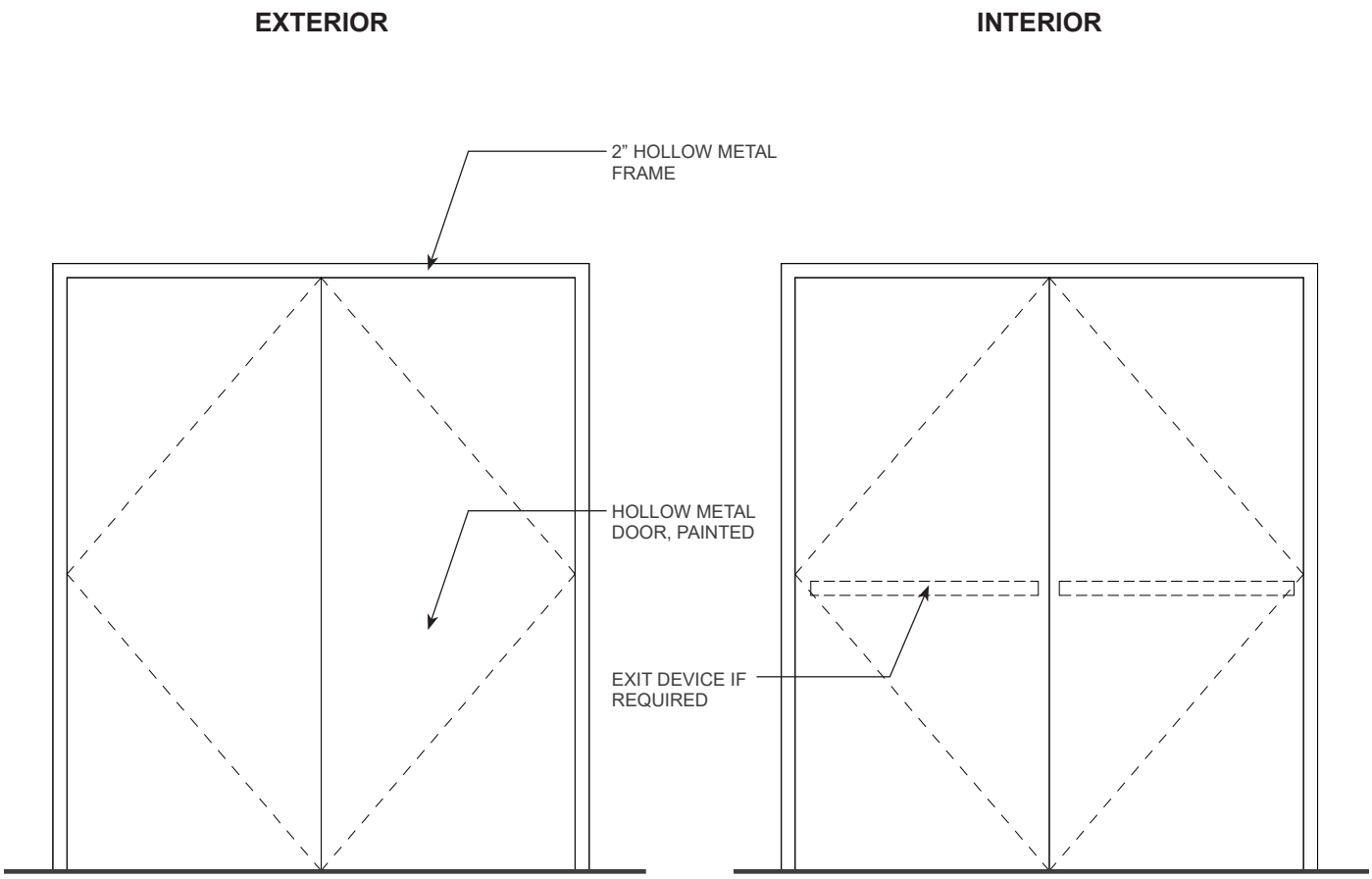
Existing Conditions

@ SOUTH CAMPUS DINING 026

TYPICAL HOLLOW METAL MECHANICAL ROOM DOUBLE DOOR WITH HOLLOW METAL FRAME TO BE REPLACED

E3-M

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

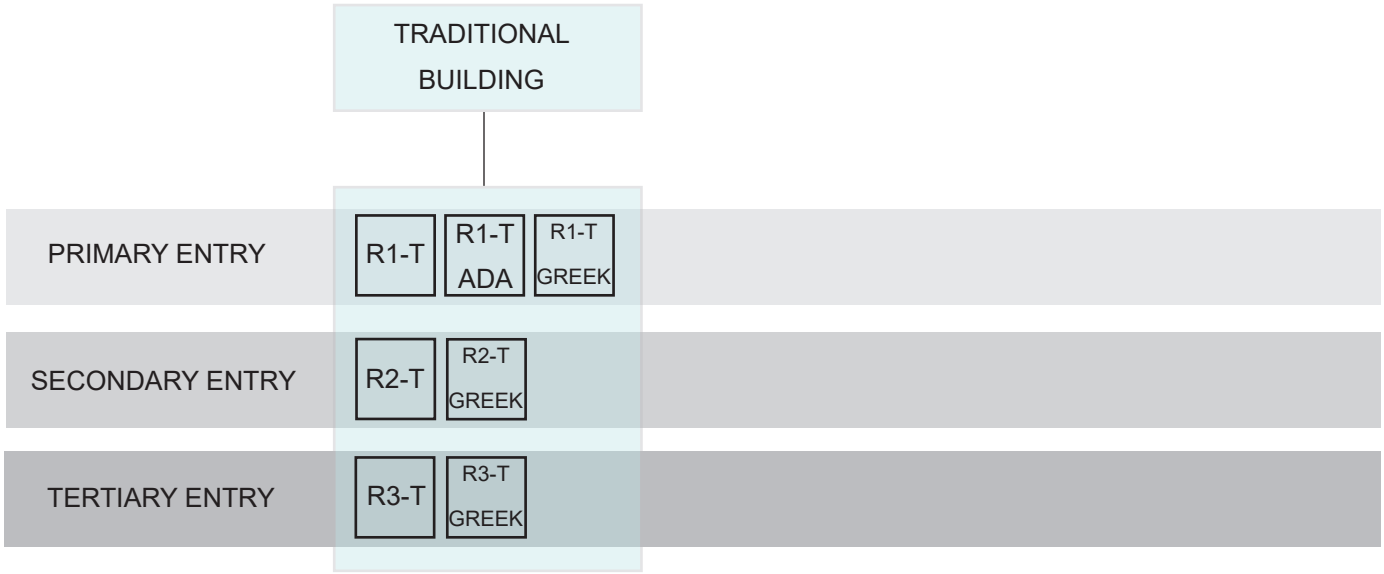
Manufacturers:
SPECIAL-LITE
CURRIES
CECO DOORS

Material:
Hollow Metal

Finish:
See Color Palette

Residential Facility Buildings

Door Recommendation



NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

Residential Traditional Primary Entry

@ HARFORD HALL 014

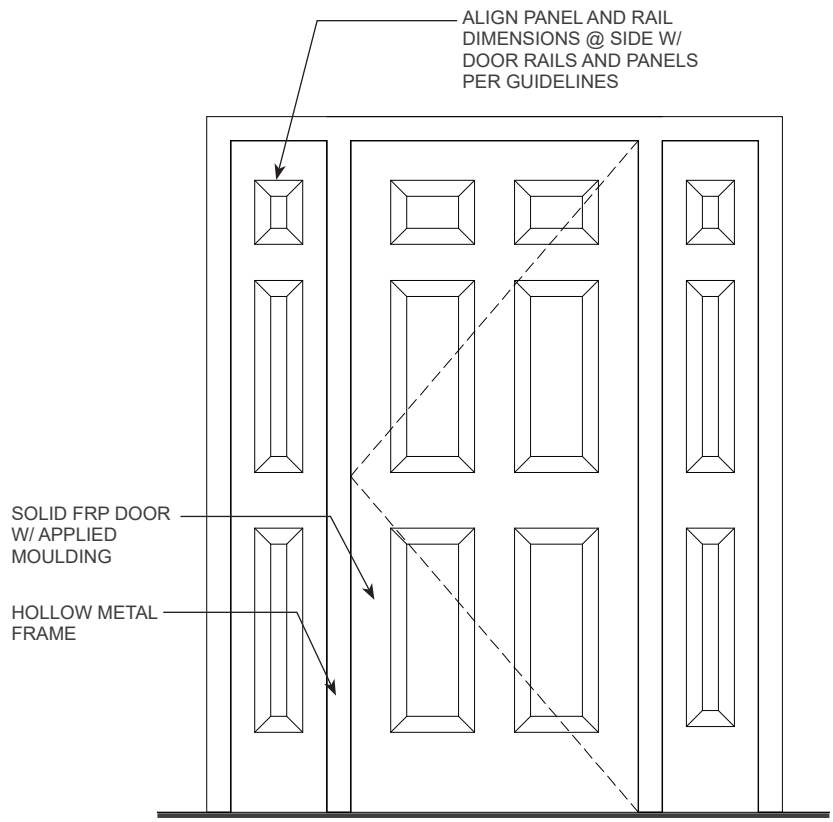
TYPICAL RAISED PANEL DOOR + SIDE PANELS TO BE REPLACED

* EXAMPLE OF PRIMARY ENTRANCE DOOR FOR TRADITIONAL BUILDINGS WITH SUITES AND APARTMENTS (ENTRANCE IS TO STAIRWELL)

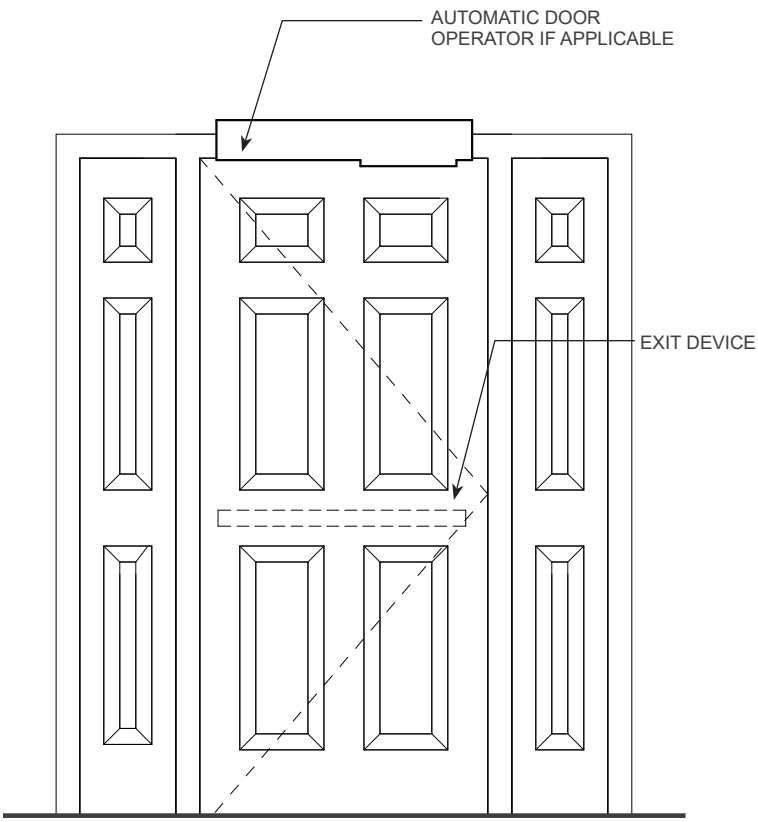
R1-T

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Material:

FRP

Finish:

Smooth / Matte

Residential Traditional ADA Entry

Existing Conditions

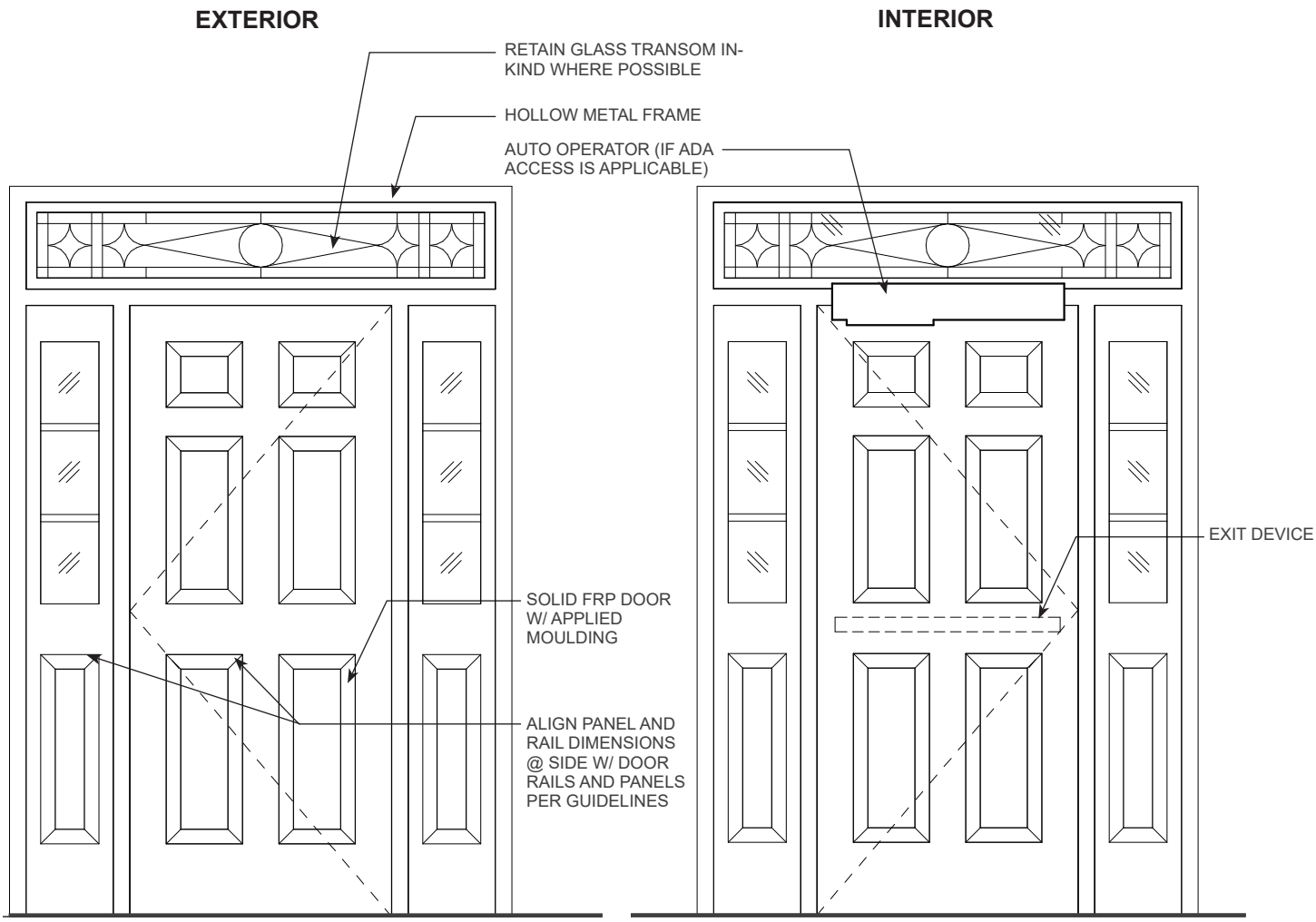
@ ANNE ARUNDEL HALL 060

TYPICAL FRP DOOR W/ APPLIED TRIM TO BE REPLACED

* EXAMPLE OF PRIMARY ENTRANCE DOOR FOR TRADITIONAL DOUBLE LOADED CORRIDOR BUILDINGS (ENTRANCE IS TO LOBBY)

R1-T-ADA

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Material:

FRP

Finish:

Smooth / Matte

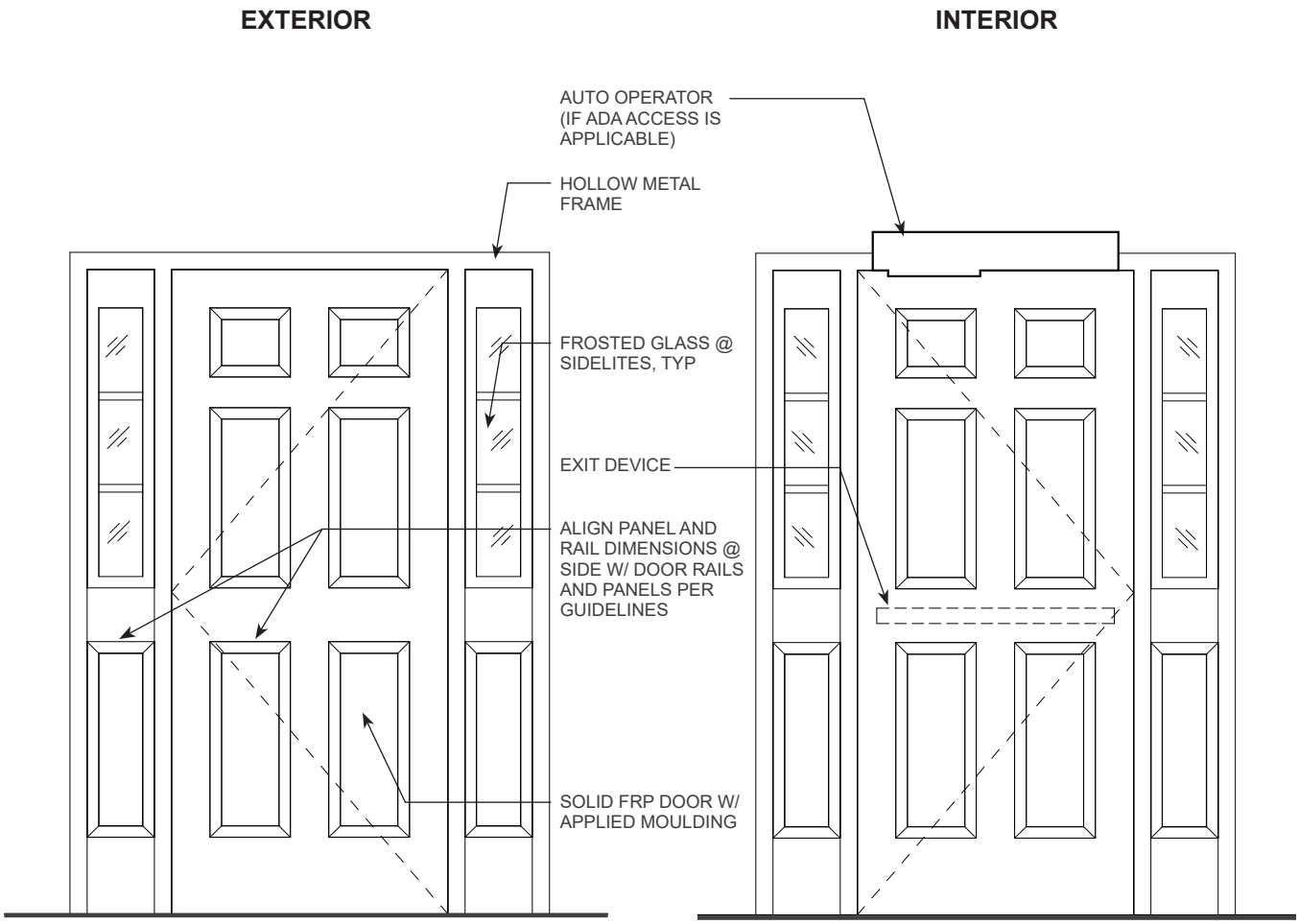
Residential Traditional Primary Greek House Entry

Existing Conditions

@ FRATERNITY ROW 003

R1-T-GREEK

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Traditional Secondary Entry

Existing Conditions

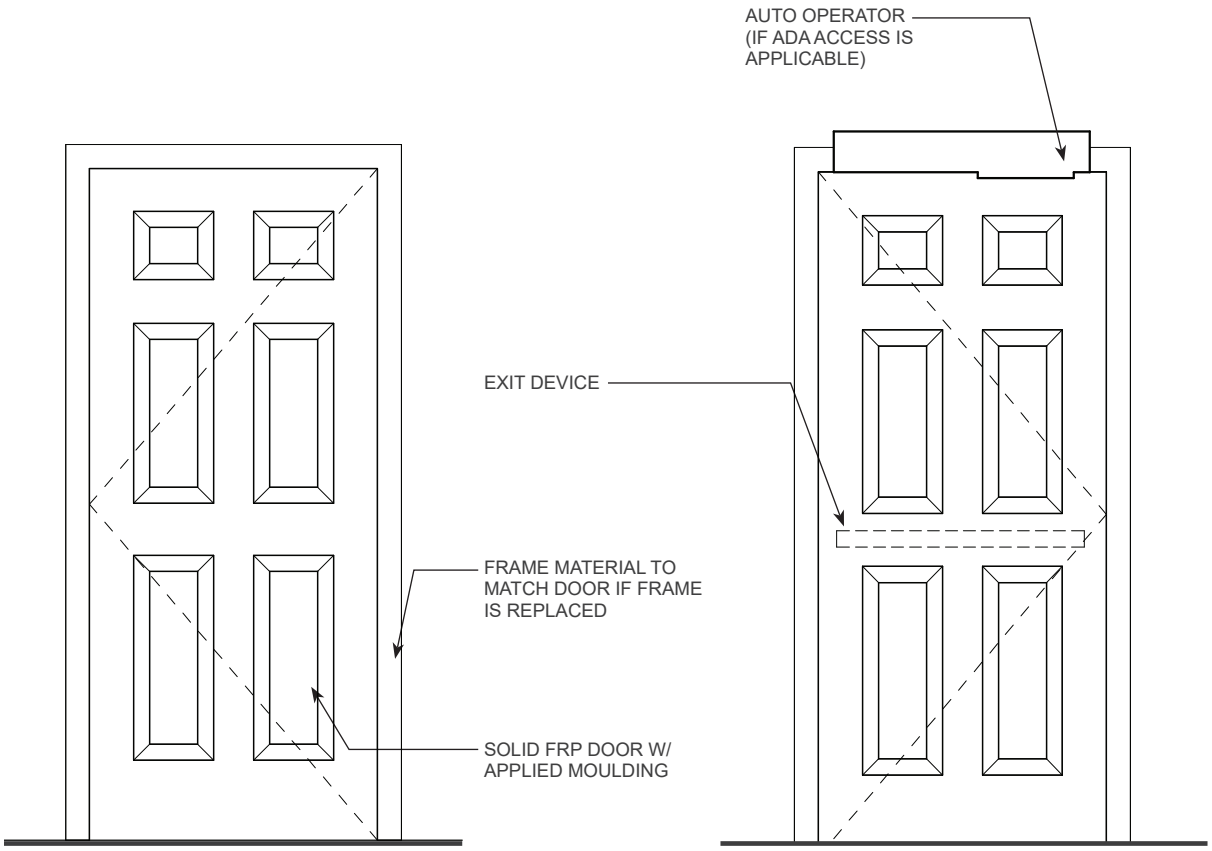
@ HARFORD HALL 014

TYPICAL RAISED PANEL DOOR TO BE REPLACED

R2-T

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Traditional Secondary Greek House Entry

Existing Conditions

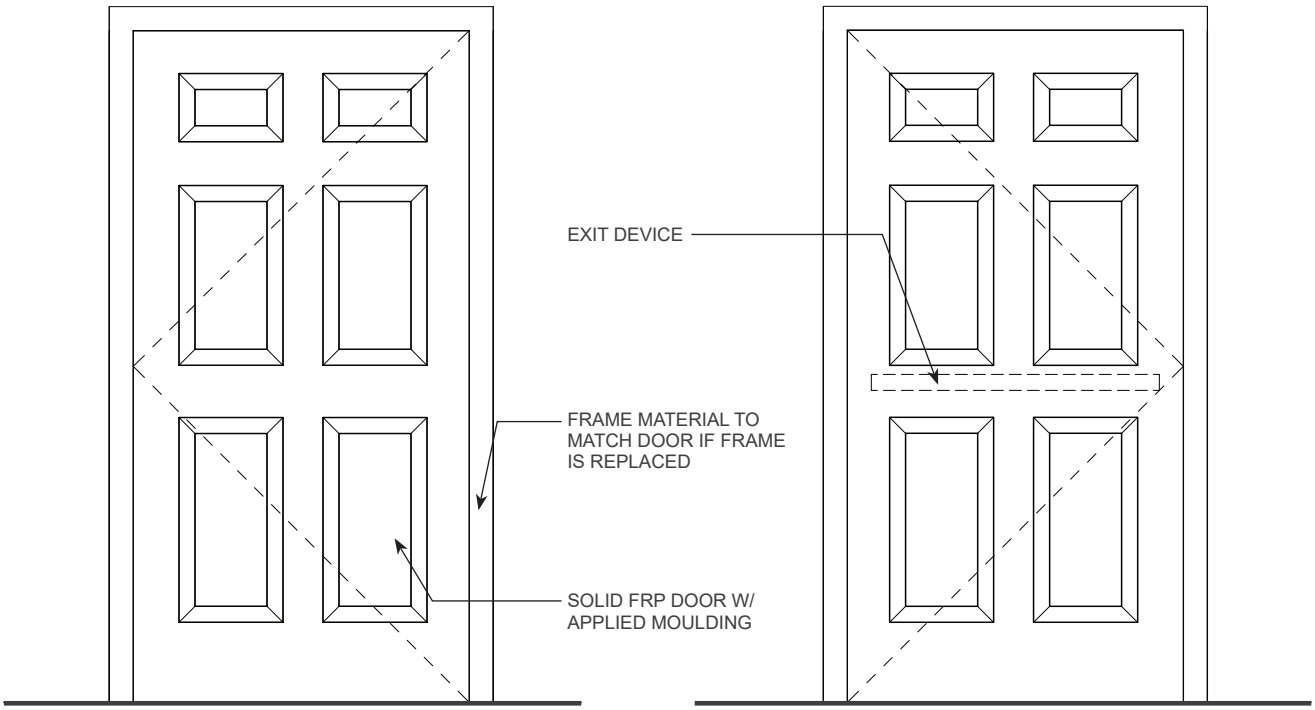
@ FRATERNITY ROW 003

TYPICAL FRP DOOR W/ RAISED PANEL TO BE REPLACED

R2-T-GREEK

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

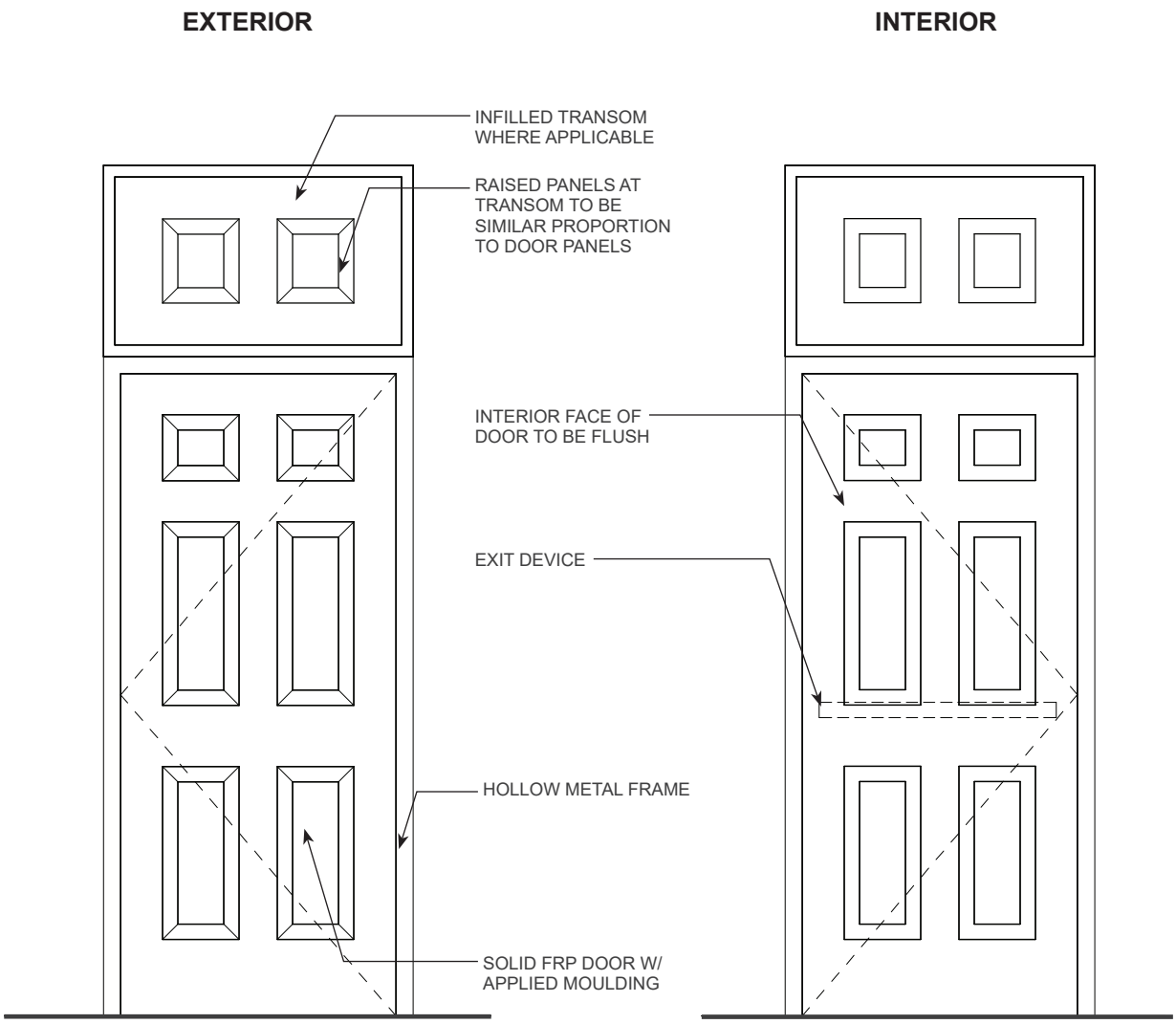
Residential Traditional Tertiary Entry

Existing Conditions

@ ANNE ARUNDEL HALL 060

R3-T

Replacement / New Door Options

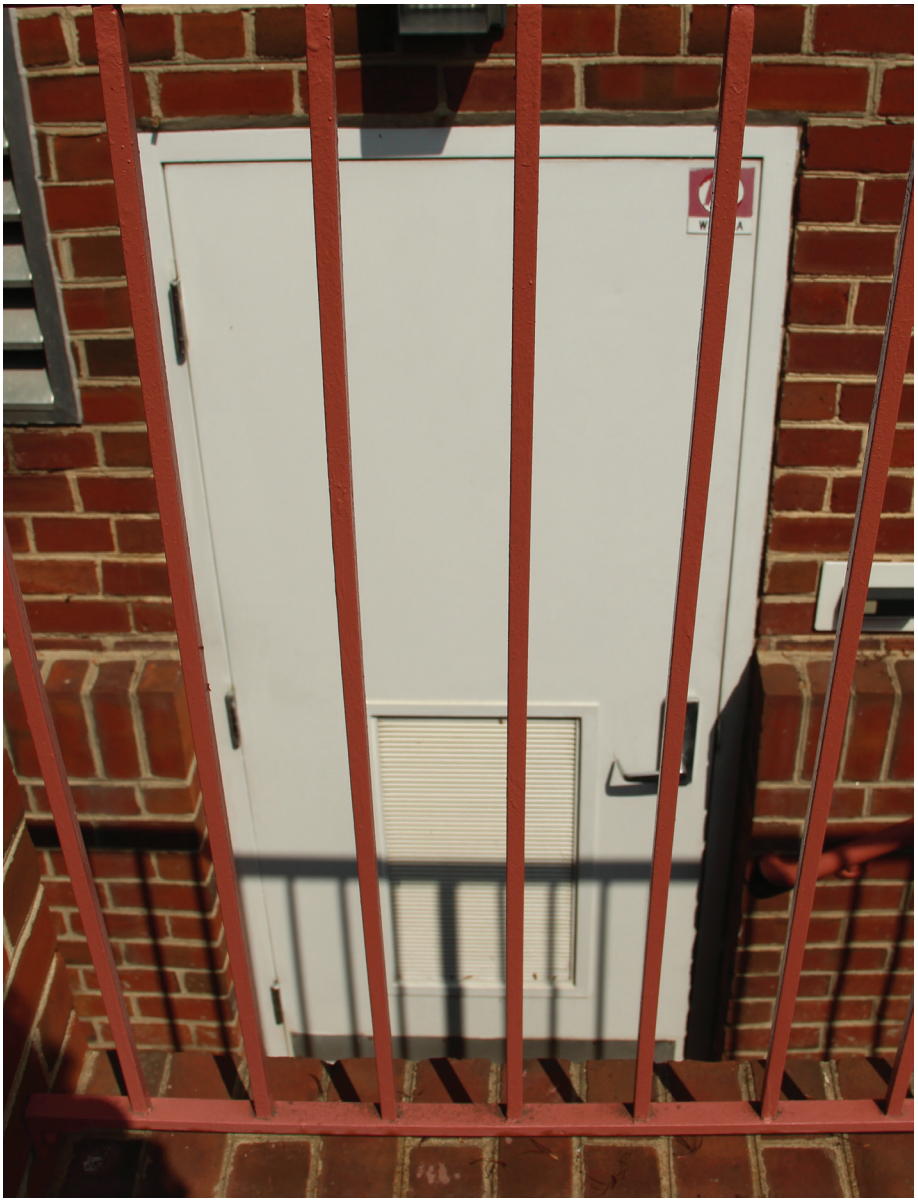


*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Traditional Tertiary Greek House Entry

Existing Conditions



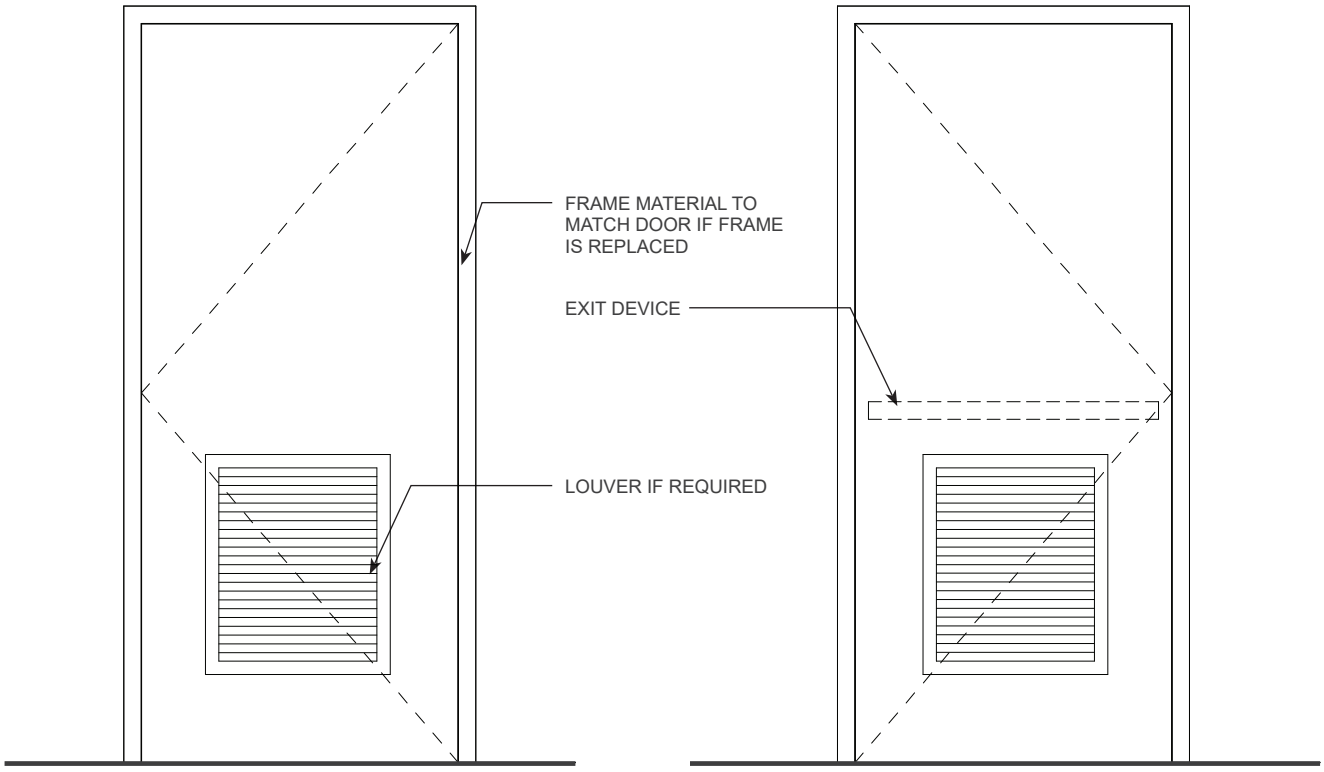
@ FRATERNITY ROW 012

TYPICAL FLUSH HOLLOW METAL DOOR TO BE REPLACED

R3-T-GREEK

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Material:

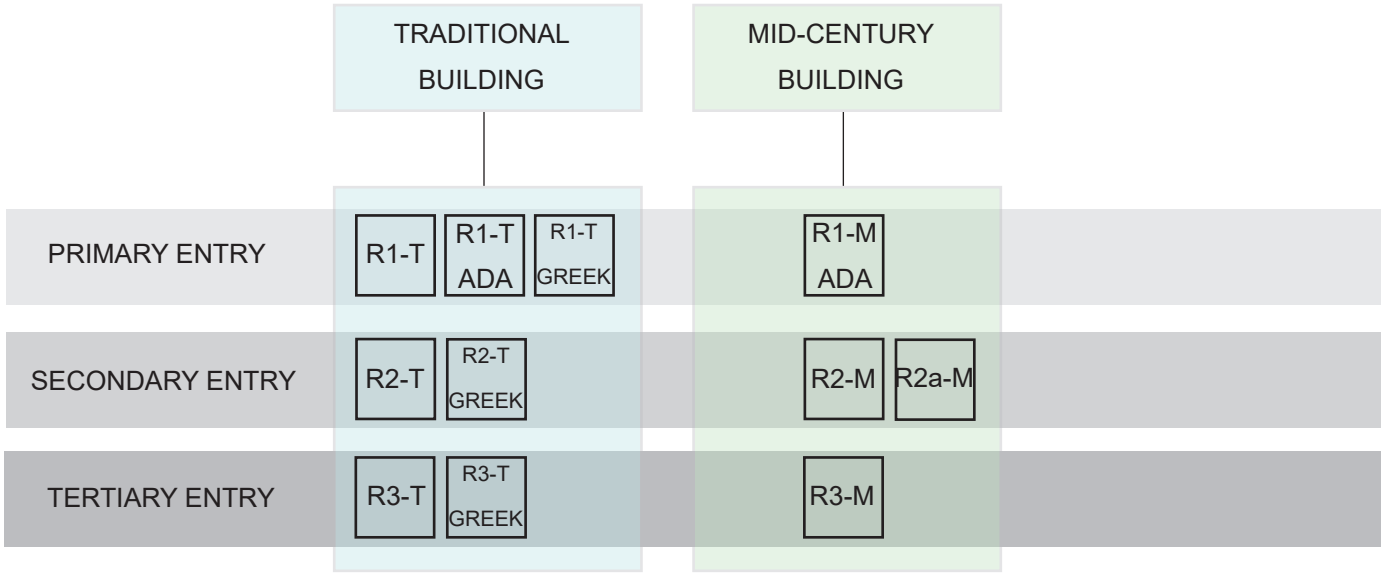
Flush Hollow Metal Or FRP If Below Grade

Finish:

Smooth / Matte

Residential Facility Buildings

Door Recommendation



NOTE: DOORS THAT ARE CONSIDERED EXEMPT ARE THOSE NOT REQUIRED TO COMPLY WITH CURRENT ACCESSIBILITY CODES, MOST OFTEN DUE TO THE HISTORIC NATURE OF THE ENTRANCE OR BUILDING. THOSE DOORS MARKED NON-EXEMPT MAY HAVE HISTORIC CRITERIA BUT ARE REQUIRED TO COMPLY WITH ACCESSIBILITY CODES.

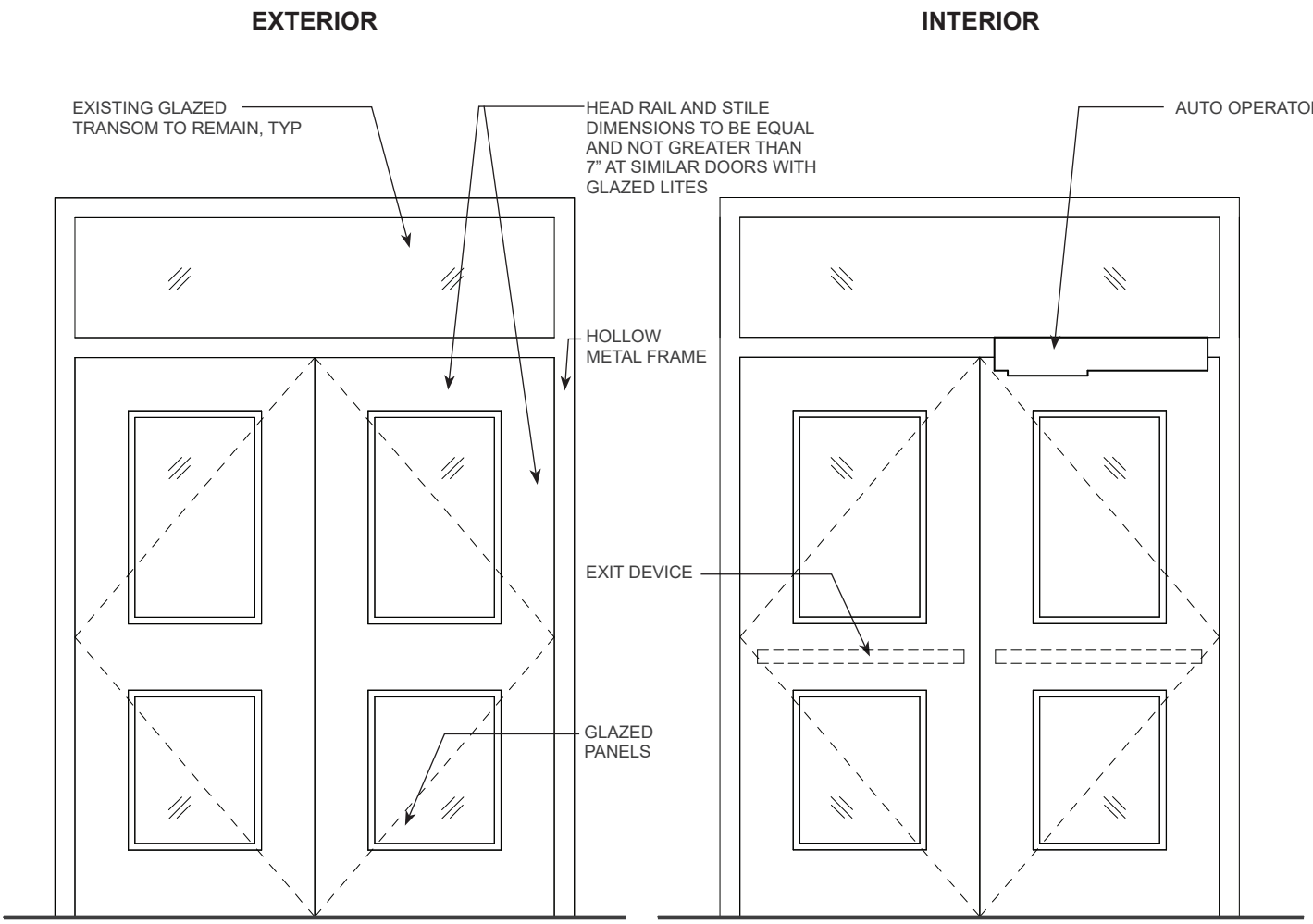
Residential Mid-Century Primary ADA Entry

Existing Conditions

@ DENTON HALL 252

R1-M-ADA

Replacement / New Door Options



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Mid-Century Secondary Entry

Existing Conditions

@ CUMBERLAND HALL 122

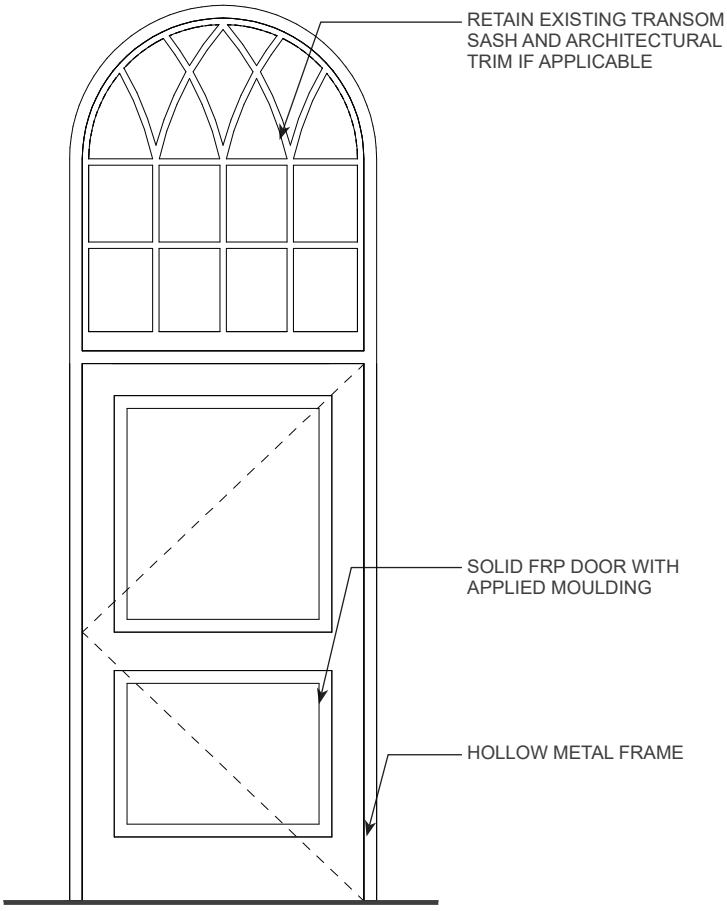
TYPICAL FRP DOOR W/ APPLIED TRIM TO BE REPLACED

* EXAMPLE OF SECONDARY ENTRANCE (EXIT ONLY)
DOOR FOR MID-CENTURY HIGHRISE RESIDENCE HALL

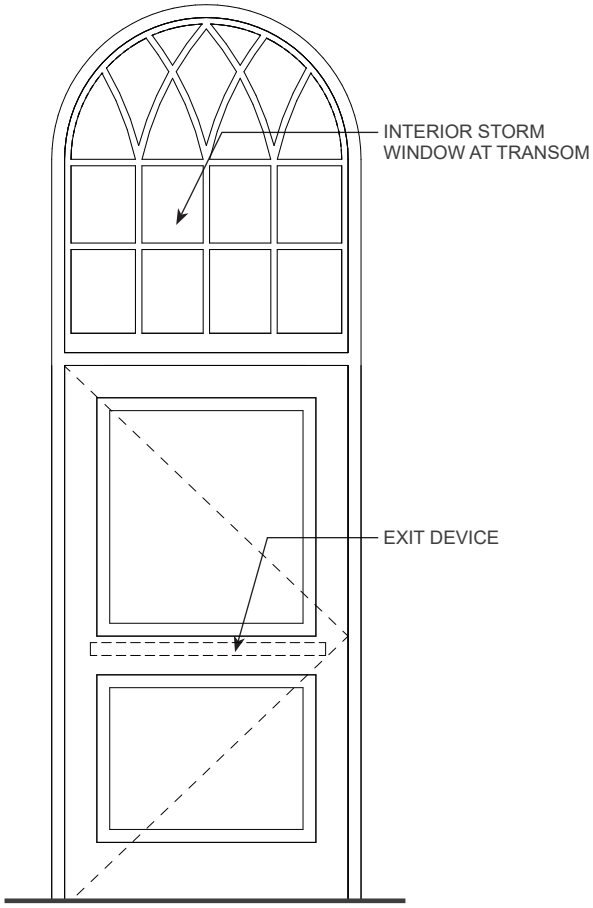
R2-M

Replacement / New Door Options

EXTERIOR



INTERIOR



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Mid-Century Secondary Entry 2

Existing Conditions

@ CAMBRIDGE HALL 096

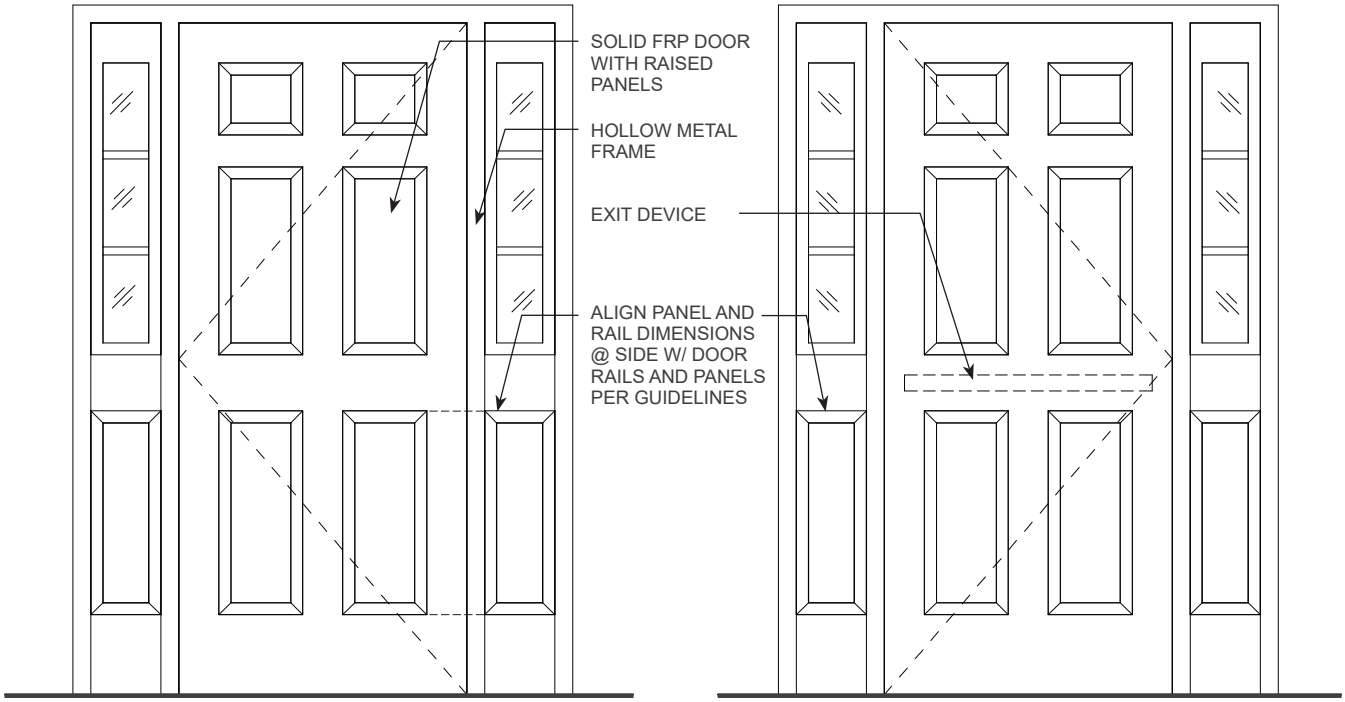
TYPICAL FRP RAISED PANEL DOOR TO BE REPLACED

* EXAMPLE OF 5’ WIDE SECONDARY ENTRANCE DOOR FOR MID-CENTURY HIGHRISE RESIDENCE HALL

R2a-M

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Residential Mid-Century Tertiary Entry

Existing Conditions

@ CENTERVILLE HALL 098

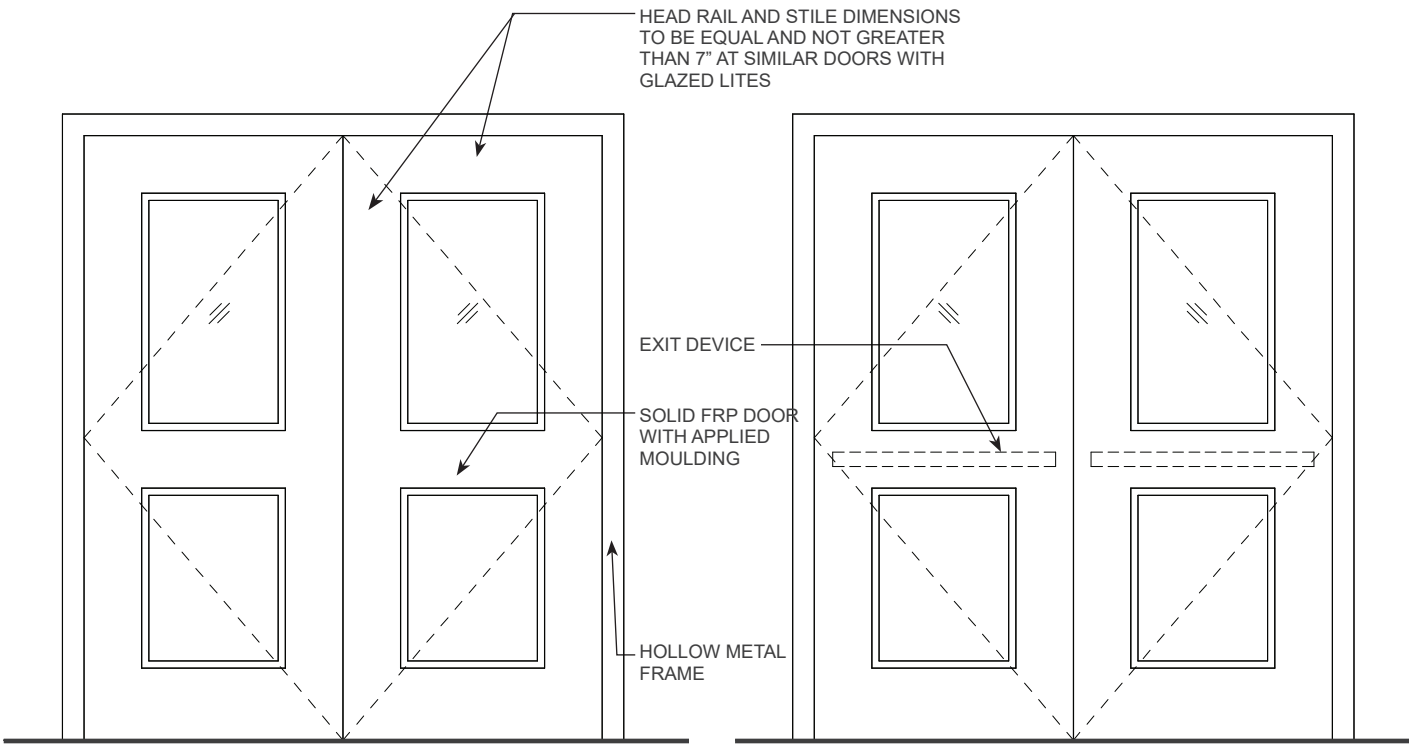
TYPICAL FRP DOOR WITH APPLIED TRIM TO BE REPLACED

* EXAMPLE OF TERTIARY ENTRANCE DOOR FOR MID-CENTURY HIGHRISE RESIDENCE HALL

R3-M

Replacement / New Door Options

EXTERIOR **INTERIOR**



*DRAWINGS NOT TO SCALE

Material:
FRP
Finish:
Smooth / Matte

Procedure For Exterior Doors

REPLACEMENT (IF EXCEPTION IS REQUIRED PER DCFS)

DEPARTMENT HEAD REQUEST

↓

PROJECT MANAGER CONSULTS DCFS

↓

APPROVAL BY ALRB CHAIR

↙ ↓ ↘

REJECTED | **NEEDS ALRB REVIEW** | **APPROVED**

↓

TECHNICAL REVIEW

Department of Public Safety
Department of Residential Facilities
Department of Facilities Management:
- Facility Planning
- Design & Construction
- Operations & Maintenance

↓

CONSTRUCTION

Submittal Review to Confirm Compliance with Guidelines

DESIGN (AT NEW BUILDINGS)

ARCHITECT CONSULTS DCFS

REVIEW WITH UMD CAPITAL PROJECTS

ALRB REVIEW

SD & DD Phases

TECHNICAL REVIEW

Department of Public Safety
Department of Residential Facilities
Department of Facilities Management:
- Facility Planning
- Design & Construction
- Operations & Maintenance

CONSTRUCTION

Submittal Review to Confirm Compliance with Guidelines

AYERS
SAINT
GROSS