



MONTGOMERY COLLEGE PROCUREMENT DEPARTMENT
RFP NO.: 626-003
MACKLIN TOWER ROOF REPLACEMENT & LIMITED HVAC UPGRADES, ROCKVILLE CAMPUS
RFP CLOSING DATE/TIME: SEPTEMBER 23, 2025 @ 2:00 PM
ADDENDUM #1
ISSUED: SEPTEMBER 18, 2025

ADDENDUM FOR THE PURPOSE OF:

- Providing answers to the Request for Clarifications. See attached.
- Making changes to the RFP documents (Price Proposal form, Specifications and Drawings).
- Including ADA Report draft by Benesch (previously Tindale Oliver) for Montgomery College Rockville Campus Gordan and Marilyn Macklin Tower (FP#20-065 dated 09.26.2023) for Contractor informational purposes.
- Including Montgomery College Sign System Manual to outline exterior and Interior sign requirements. Offerors must follow these requirements to prepare the bid prices for all signs applicable to the project.

All other specifications, terms and conditions remain unchanged.

Sections or Portions Reissued in Entirety

Price Proposal Form (revised on 9/17/2025)
Revised Specifications as attached.

Drawings

Revised Drawing Sheets as attached.

Sketches

None.

Items Issued for Informational Purposes

ADA Report Draft for Montgomery College Rockville Campus Gordan and Marilyn Macklin Tower (FP#20-065 dated 09.26.2023)

Patrick Johnson, MBA, CPPB
Director of Procurement

Please **sign** below to acknowledge receipt of this Addendum and return with the **Technical Proposal submission**. Failure to return this Acknowledgement of Addendum may deem a proposal nonresponsive.

NOTE: ACKNOWLEDGEMENT OF RECEIPT OF RFP ADDENDA WILL NOT BE ACCEPTED BY FACSIMILE OR E-MAIL.

Company Name

Authorized Signature

Date

Printed/Typed Signature

Questions and Answers

No.	Questions	Answers
1	Section 004213-5 (PDF pg41): Bid Form includes Unit Cost per SF for items 1a through 5a, but also identify the SF quantity allowance. Please advise if the Allowance amount for items 1b through 5b are to be included within the Bid Form Line Item 19 Allowances. Also advise if Items 6a \$10,000 allowance and 7b \$60,000 allowance are to be included within the Bid Form Line Item 19 Allowances.	Items 1a through 5a, as well as Item 6a (\$10,000 allowance) and Item 7b (\$60,000 allowance), are to be included under Price Proposal Form Line Item 19 – Allowances.
2	Section 012100-4 (PDF pg152): Item 3.3 Schedule of Allowance only lists the \$60,000 allowance and does not include the \$10,000 allowance noted on the Bid Form.	Section 012100-4 (PDF p.152) has been updated in Addenda #1 to include the allowances detailed in the Price Proposal Form (Items 1 through 7).
3	Section 012200-2 (PDF pg154): It appears that the Unit Prices listed on section 012200 are not in alignment with the Unit Prices listed on the Bid Form.	The schedule of unit prices in Section 012100-4 (PDF p.152) refers to Allowance #6. This schedule has been updated in Addendum #1.
4	Section 012300-2 (PDF pg156): Please advise if a brief description of the Base Bid Scope of Work and Alternate Scope of work will be provided under section 012300 as listed on the Bid Form.	The scope of the alternates is included in the drawings.
5	Section 007200-46 (PDF pg118): Article 9.1 Insurance, reads as follows “d) Builder’s Risk Insurance.....For building renovation projects, when custody of the building is turned over to the Contractor, the Builder’s Risk policy must additionally include building replacement value.” – Please advise if the College will be turning over the custody of the Building to the GC. If so, please provide the Building Replacement Value.	Montgomery College (MC) will retain possession of building.
6	Section 007200-47 (PDF pg119): Article 9.2, please advise if MC will require a Maintenance Bond.	No
7	Section 011000-2 (PDF pg142) Article 1.5.B Preceding Work indicates that the Owner will award a separate contract for the Asbestos Abatement. This note contradicts the information provided under Section 007300-1 (PDF pg127) Item 2.8 which reads “....The contractor is responsible for abatement of asbestos and removal of hazardous materials to allow for construction of the Work.”	Contractor (GC) is responsible for abatement.
8	Section 013100-1 (PDF pg171): Please advise if MC will require for the GC and its Subcontractors to perform BIM Coordination.	Yes
9	Section 015000-2 (PDF pg228) Article 2.2 Temporary Facilities, Item 2.2_B reads “Field Offices: Owner will provide conditioned interior space for field offices for duration of the Project.” – Please confirm that GC does not need to provide a Temp Office outside the Building and that MC will provide a space for the Temp Field Office within the Building.	MC will provide space after mobilization.
10	Section 015000-6 (PDF pg232) Article 3.4 Support Facilities Installation, Item I: Please confirm that existing elevators are to be used during the construction phase for transportation of equipment and materials.	Yes, but GC is responsible for protecting the elevators and to return them in the same condition to the College as the prior to start of construction.
11	Section 015000-7 (PDF pg233) Article 3.5 Security & Protection Facilities Installation, Item D: Please confirm that Pest Control requirement is applicable to this project.	Yes
12	Section 015000-7 (PDF pg233) Article 3.5 Security & Protection Facilities Installation, Item I: We have reviewed the Demolition dwgs and have not been able to identify any temporary partitions. Please advise if this is required. The Tower Floors are pretty much self-contained. It will be helpful to have a sketch of the anticipated area at Ground Floor and 1st Level where Temporary Partitions are expected.	The location of temporary partitions, if deemed necessary, will be determined prior to construction activities in conjunction with Campus Facilities and MC Public Safety.
13	Section 015639-1 (PDF pg237) Temp Tree and Plant Protection: Please advise if temp tree protection and pruning of existing trees and plants is applicable to this project. We have reviewed the Civil and Landscaping dwgs and have not been able to identify the scope of work.	Scope of work does not include Temp Tree and Plant Protection, but depending on staging area and site logistics, it may be apply.

Questions and Answers

14	Section 064116-1 (PDF pg339) Article 1.4_B Sustainable Design Submittals: Please advise if LEED requirements will be applicable to the project. Section 064116 refers to Section 018113 Sustainable Design Requirements. Section 018113 has not been included within the bid specs.	GC to conduct project as a LEED project, but MC will not pursue official LEED certification for this project. (Have HCM provide a LEED scorecard with the credits that a applicable to the project checked off: Construction Waste Management plan, Regional Materials, Recycled Content, Low VOC, Enhanced Cx....etc)
15	Section 074213.13 (PDF pg387): Item 1.2B refers to 054000 Cold-Formed Metal Framing. Section 054000 has not been included within the bid specs.	Delete Section 074213.13 in entirety. This scope (and 054000) are not required.
16	Section 081416 (PDF pg487): Item 1.2B refers to 088813 Fire-Resistant Glazing. Section 088813 has not been included within the bid specs.	Spec has been included as part of Addendum #1.
17	Section 087100 Finish Hardware: Several Door Hardware Sets (06-Alt4, 06A-Alt4, 06B-Alt4) refer to Div 28 for the electrified hardware components. Be advised that Section 281300 Electronic Access Control has not been included within the bid specs. Please advise if the GC will be responsible for the Card Readers and associated work.	Yes, GC is responsible for access control
18	Section 092900-11Gypsum Board (PDF pg575) Article 3.6 Finishing Gypsum Board, item D.5 reads "Level 5: Where indicated on Drawings" – There are no notes on the drawings regarding level 5 finish. Please review and confirm that Level 5 is not applicable to this project	Confirmed Level 5 not required for this project.
19	Section 099123-4 Interior Painting (PDF pg638) Article 2.3 Source Quality Control: Item 1 indicates that Owner will engage the services of a qualified testing agency to sample paint materials. Please confirm that this process is applicable to this project. If so, please advise the approx. time frame required for the Testing Agency to provide results. Also, advise if the GC is to provide a sample of each paint color and type, and if so – please advise quantity required for testing per color/type.	No, MC is not engaging a 3rd party to test paint. Per 2.3.A the specs the owner reserves the right to obtain testing of paint materials.
20	Section 101423 Panel Signage (PDF pg669): Please advise if Montgomery College Design Standards will be provided.	Yes. Included in Addendum #1
21	Section 024119-6 (PDF pg298) Article 3.4, Item A.9 reads "...Comply with requirements in Section 017419 Construction Waste Management and Disposal" - Section 017419 has not been included within the bid specs.	This is a carry over from the Library LEED requirement. Based on response to RFI#14, specs will be issued as part of Addendum #1.
22	Section 024119-6 (PDF pg299) Article 3.5, Item E reads "...See Section 075423 TPO Roofing for new roofing requirements" - Section 075423 has not been included within the bid specs, please advise if TPO is applicable to this project.	TPO is not applicable to this project.
23	Existing Furniture: Please confirm that Montgomery College will remove and re-install existing furniture located in the Tower offices.	MC to remove and re-install existing furniture located in the Tower Offices
24	Section 311000-3 (PDF pg 1127) Article 3.2 Temp Erosion and Sedimentation Control. Section indicates that temporary measures are to be provided. Be advised that Civil Drawings do not show any SEC scope of work, please review and advise.	There are no site-specific E&S measures. GC is however required to apply whatever measures they deem necessary and appropriate to ensure erosion and sedimentation does not leave the site or enter the storm drain system.
25	Section 312000-11 (PDF pg1141) Article 3.19 Field Quality Control. Section indicates that the Contractor is to engage a qualified special inspector to perform the special inspections. Please confirm that this is correct, usually the 3rd Party for Testing & Inspections is contracted by the Owner.	GC is required to provide all 3rd party testing.
26	Section 321313-10 (PDF pg1154) Article 3.10 Concrete Paving. Please confirm that General Contractor is to engage a Testing Agency to perform tests & inspections for this work.	GC is required to provide all 3rd party testing.
27	Structural Drawings show new concrete work, please advise if Specifications will be provided or advise if the noted on the structural drawings are sufficient. Please advise if MC & Design Team will require for the Contractor to provide Shoring Shop Drawings for Terrace 3 scope of work.	Concrete specifications will be provided. GC will be responsible for providing formwork / shoring as required to safely perform the work.

Questions and Answers

28	Drawing AD.102 shows exterior doors at existing offices 213G, 213H and 213I. Please review and confirm that there are no exterior doors along the existing Curtain Wall.	Disregard said doors in description. This is a graphics issue showing doors from Level 1 below. Drawing will be revised in Addendum.
29	Drawing A.103 Third Floor Plan shows Terrace 3 as "Not in Contract" however Structural Drawing S-230 shows Terrace 3 as Alternate # 1. Please review and advise.	Disregard "not in contract" notes on A.103. Drawings will be revised in Addendum referencing Structural & Roof replacement scope.
30	Below are the HVAC Lines shown on different drawings for your review and reference. Please review and confirm that the information provided is accurate. Dwg CD-101: 6"HWS/R, 4"HW, 1" Air, 3" Comm, 6" CHWS/CHWR (outside trench) Dwg M002: 6"CS/CR, 3" Air, 3"HS, 4"HS/HR. a) Is 1" Air feeding the 3" Air? b) Is the 4"HS/HR feeding the ETR 6" HS/HR after the valve inside the Mech Room? c) Is there a valve between the Humanities Bldg and the MT Building for the 3" HS? Dwg M003: 6"CS/CR, 3" Air, 3"HS, 4"HS/HR a) Is there a valve between the new 3" HS feeding the MT Bldg and the Humanities Bldg? b) Confirm that the new HS/HR feeding the Macklin Tower is a 4" Line. Drawing shows new 4" feeding at ETR 6" HS/HR after the valve inside the Macklin Tower Mech Rm.	M002: a) The entire air line is 3". The size listed on CD-101 is not accurate. b) Drawing will be updated to show ETR 4" after the valve. c) Unknown. The contractor will need to verify valve locations in the field. M003: a) Unknown. The contractor will need to verify valve locations in the field. b) 4" is confirmed based on available record drawings.
31	Section 002413-3, Part 1.2_g) – Subcontractor Information Form: This form requires the GC to provide up to 3 prospective key principal subcontractors. Please review and clarify on the following a) HVAC/Mechanical: Please advise if this Trade should read HVAC/Plumbing b) Interior Finishes: Please advise if Acoustical Ceiling, Flooring and Painting subs are to be listed or just the Acoustical Ceiling sub.	The prospective key subcontractors for point "a" refer only to HVAC. With regard to point "b," please provide subcontractors for Flooring, Ceiling, Gypsum Board, and Paint.
32	Existing Tower Roof Drains: There are two Roof shown on AR-401 for the Tower, Roof Area C and Roof Area B. a) Roof Area C: Please confirm that there are no roof drains in Roof Area C, none shown on drawings. b) Roof Area B: There are 4 existing roof drains, please advise the scope of work for these drains. There are no plumbing drawings showing the existing roof drains. Architectural Drawing AR-103 shows the existing drains with detail 2/AR-506 which detail does not indicate that the roof drains must be removed and re-installed or to be removed and replaced. Please review and advise on the scope of work.	a) Roof Area C does not have any drains. The roof drains to a scupper with a conductor box and downspout. b) all drains on the tower are to be replaced. Please see the bottom of each AR-500 sheet: "All items are new unless designated as existing (EX)." Since nothing is labelled "EX" on the drain detail, the contractor shall assume everything is new.
33	Drawing AR-103 Terrace 1, 2 & 3: Please review and advise if existing drains are to be replaced. Drawings show the existing drains but there are no notes indicating whether the roof drains are to be removed and replaced or removed and re-installed.	Please see the bottom of each AR-500 sheet: "All items are new unless designated as existing (EX)." Since nothing is labelled "EX" on the drain detail, the contractor shall assume everything is new.
34	Electrical Drawings: We have reviewed the documents and cannot see where the removal of the power for the existing VAVs have been identified.	VAV demolition to be indicated on ED plans as part of addendum #1. Disconnect unit and removed wiring and conduit back to source.
35	Fire Protection Drawings: Note 9 of the Fire Protection Desing Criteria reads "Heads shall be located in the center of ceiling tiles." – Please advise if the intent is to have ALL EXISTING HEADS to be relocated to the center of the tile. The ceiling plenum is tight, therefore we do not believe that head at center of the tile may be possible.	With new Grid & Lighting, recommendation is to ONLY relocate heads that conflict with new layout. Heads are permissible not in the center of tile providing all code requirements are met. Contractor to coordinate with shop drawings and provide architect markups for review.

Questions and Answers

36	Drawing MD-104: Rm 212 indicates ETR SR and ETR SA however the ductwork is shown as a dash line. Please review and advise if this ductwork and accessories is to remain or it needs to be removed. If ductwork is to be removed, please update dwg AQ012 since the GWB Bulkhead is noted as ETR.	All ductwork and air devices associated with the VAV-2-6 unit should be demolished. GWB Bulkhead will need to be removed and repaired as needed to accommodate this work.
37	Drawing E-502: General note C reads "See telecommunication drawings for additional information, equipment and requirements." – The only telecom drawing provided is E-502, please advise if additional telecom drawings will be provided. Please provide existing telecom drawing for the 6th floor, we would like to know the approx. location of the cable tray,	No additional telecom drawings are included. General note removed in Addendum #1.
38	Drawing MD-204: Existing FCUs are to be removed including piping which is located below the second floor. Be advised that 1st Floor Ceiling Plan does not show demolition or new ceilings. The 1st Floor ceiling will be impacted by the removal of the 2nd FL FCUs located in Rms 212F, 212E, 212D, 212C and 212B.	Level 1 Ceiling partial demolition & repair shall be included as part of Alternate #1 notes in Library project (FP-24-003). Coordination shall take place between contractors to prevent scope gap.
39	Drawings M104 & M105: There are two notes on these drawings, one for the Base Bid and another one for the Alternate # 2. Alternate 2 reads "reseal and reinsulate all existing to remain ductwork. Please review and advise on the following: a) Price Proposal Form does not list Alternate # 2. Review and update the form if Alternate # 2 noted on the ductwork dwgs is needed. b) Existing conditions: Seems like the existing ductwork is pretty tight to the underside of the deck and other MEP Systems. This situation requires for the existing ductwork to be removed and reinstalled to remove the existing insulation and properly seal as required by the alternate.	a) Price Proposal Form has been reissued in its entirety, and included in the Addendum 1. Please use the attached revised form for submission. Failed to do so will deem a proposal non-responsive. b) All work associated with this alternate, including removal of ductwork where needed, shall be included within the alternate price.
40	Below are the HVAC Lines shown on different drawings for your review and reference. Please review and confirm that the information provided is accurate. Dwg CD-101: 6" HWS/R, 4" HW, 1" Air, 3" Comm, 6" CHWS/CHWR (outside trench) Dwg M002: 6" CS/CR, 3" Air, 3" HS, 4" HS/HR. a) Is 1" Air feeding the 3" Air? b) Is the 4" HS/HR feeding the ETR 6" HS/HR after the valve inside the Mech Room? c) Is there a valve between the Humanities Bldg and the MT Building for the 3" HS? Dwg M003: 6" CS/CR, 3" Air, 3" HS, 4" HS/HR a) Is there a valve between the new 3" HS feeding the MT Bldg and the Humanities Bldg? b) Confirm that the new HS/HR feeding the Macklin Tower is a 4" Line. Drawing shows new 4" feeding at ETR 6" HS/HR after the valve inside the Macklin Tower Mech Rm.	See response to Item #30
41	Verify existing doors 104A, 107A, 140B, & 140C should have new mortise locks to match the ALT4 specified hardware sets quoted in the base bid to "replace knob" shown in the door schedule. Please provide pictures of both sides of the existing door showing the current hardware.	MC to provide ADA report highlighting said doors for reference.
42	Verify existing doors 104A, 107A, 140B, & 140C should have new mortise locks to match the ALT4 specified hardware sets quoted in the base bid to "replace knob" shown in the door schedule. Please provide pictures of both sides of the existing door showing the current hardware.	See response to Item #41.

Questions and Answers

43	Verify new doors, frames, and hardware should be included in the base bid at doors 212C, 212D, 212E, & 212F. Door schedule states "Base Bid: Door and Frame" but does not indicate new hardware. Verify sets 05A-ALT4 should be included as part of the base bid.	Confirmed, Doors 212C, 212D, 212E & 212F shall be replaced as part of the base bid. Base bid scope will be identical to alternate (See A.402). 05A-ALT4 confirmed for hardware in both Base & Alternate. Door schedule will be updated with Addendum.
44	The door schedule does not show any of the Alternate #4 doors to be fire rated. Verify the stairwell doors & frames should have 90 min fire labels included in the alternate #4 pricing.	ALL STAIR 1 & 2 Doors shall be 90 min rated as part of Alternate #4. Schedule will be revised in Addendum.
45	The door schedule shows the following door panel types with existing HM doors, but the Alternate #4 panel type shows them with wood doors. Verify these doors should be quoted as wood doors in Alternate #4 and not HM. 104A 104B 104C 214	Doors 104B & 104C are not on the schedule. Do you mean 104A, 140B & 140C? Scope clarification is as follows: Base Bid: All doors & frames to remain. Specific door hardware to be replaced where not ADA compliant (noted in scheduled comments & ADA report which will be provided) Alt #4: ALL DOORS, FRAMES & HARDWARE to be replaced. Frames to be PTD HM. Panels to be Wood (WD-1). Hardware to be per spec.
46	The 2 roof doors do not appear to be shown in the door schedule. a) Advise if doors should be quoted as 3'0"x7'0". b) Verify FRM.001.HM2 with 2" jambs and 2" head for each roof door. c) Advise jamb depth and verify frame should be punched and dimpled to be bolted into the existing block. d) Advise if roof doors should be flush or have a lite kit. If lite kit is required, advise which door elevation to quote. e) Advise if roof doors need a 90 min fire label. f) The hardware sets provided by the Architect in specification 087100.02 do not include door stops (either overhead or stop arm function closer), gaskets, sweeps, thresholds, or rain drips. Please advise if these hardware items should be included in the bid or if hardware should be quoted exactly as shown.	a) Based on our field measurements, 3'x7' should be close to actual conditions. Contractor to verify in field. b) The detail is scaled, please obtain frame measurements from the detail. c) Attachment is included in the specifications. d) Doors are flush, this is included in the specifications. No lites are required. e) The doors do not require a 90 min fire label. f) Door closers are specified in 087100.02. Door stops not required. Weatherstripping, sweeps, and rain drips are included in 081113. Thresholds are included in 087100.02.
47	The floor plan drawings (A101 thru A106) have notes A28 & A29 which states stainless wall rails & stainless handrail on the guardrails. Detail drawing A513 is calling out steel wall & handrails. Please confirm the desired material.	All hand and guardrails in Stair 1&2 shall be painted. Plan notes on A101 thru A106 will be updated with Addendum.
48	Room Finish Schedule for the 4th Floor, room 429B Storage calls out for LVT-4 but on the finish schedule that does not exist. Could you please provide a spec for LVT-4?	429B storage shall be LVT-2 per finish plan. Schedule will be updated in Addendum #01.
49	Could it be clarified that the new hardware set will be required on the following new doors 212C, 212D, 212F, and 212F. Door schedule notes Alt4 next to hardware set.	See response to Item #43.
50	The door schedule does not show any of the Alternate #4 doors to be fire rated. Verify the stairwell doors & frames should have 90 min fire labels included in the alternate #4 pricing.	See response to Item #44. Confirmed doors & frames to be 90min rated.

51	The 2 roof doors do not appear to be shown in the door schedule. If they could be added to the door schedule this would help to identify them. Also please see the following question. 1. Advise if doors should be quoted as 3'0"x7'0". 2. Verify FRM.001.HM2 with 2" jambs and 2" head for each roof door. 3. Advise jamb depth and verify frame should be punched and dimpled to be bolted into the existing block. 4. Advise if roof doors should be flush or have a lite kit. If lite kit is required, advise which door elevation to quote. 5. Advise if roof doors need a 90 min fire label. 6. The hardware sets provided by the Architect in specification 087100.02 do not include door stops (either overhead or stop arm function closer), gaskets, sweeps, thresholds, or rain drips. Please advise if these hardware items should be included in the bid or if hardware should be quoted exactly as shown.	See response to Item #46.
52	Where is the water source for the drip irrigation for the Terrace 1 and 2 planters? Can the architect provide details on where the water exits the building and how they would like to see it incorporated into the planters? a) Ref. Drawings and Sections: L500 and in Section 328400 Planting Irrigation	Montgomery College has confirmed that permanent irrigation shall be removed from the project; Sheet L-500 (Irrigation Plan) and Specification Section 328400 (Planting Irrigation) can be disregarded. Per Specification Section 329300 (Plants and Planting) item 1.7A, the contractor shall provide full maintenance immediately after each area is planted and continue the maintenance until completion of construction and initial acceptance; per item 3.8A, maintenance tasks include pruning, cultivating, watering, weeding, fertilizing, and resetting to proper grades or vertical position, as required to establish healthy, viable plantings. Per Specification Section 329300 (Plants and Planting) item 1.7B, the contractor shall provide the owner with a continuing maintenance proposal starting immediately after initial acceptance.
53	There isn't a section in the contract for the Cabanas or the Decorative Screening. Are there any other details needed other than the drawings? Will the back two posts of the Cabanas (closest to the parapet wall) sit on top of the parapet wall so that the Decorative Screening and the Cabana are one, or are the Cabana and the Decorative Screening Panels separate? a) Ref. Drawings: L200, L301, L303, S400, S410	As shown on the drawings, the Cabanas (1/L-303 & A-D/S-400) are separate from the Decorative Screen Panels (1,2/L-301 & A-B/S-401). The Cabanas do utilize the same type of perforated metal panels as the Decorative Screen Panels do; each cabana has (2) perforated metal panels on the top per 1B/L-303 and (2) perforated metal panels on the east side per 1E/L-303. The (3) cabanas are completely independent from parapet wall, with all cabana posts installed into the structural slab per C/S-400.
54	Drawing A102: Elevation E3/A102 shows a Metal Pin Lettering. Please review and advise if same has to be provided for 4th, 5th and 6th floors. Also advise if Numbers have to be provided at 1st and 3rd Floors.	Confirmed, lettering shall be installed at Levels 2,4, 5 & 6. Floors. Design intent will also be applicable to Levels 1 & 3 (Library Project) and will be issued in Library ASI.
55	Drawings A-101, A-102, A-103, A-104, A-105, A-106: Please review and confirm that General Note 10 is not applicable to this project.	Confirmed Floor plan general note #10 not applicable for this project.
56	Drawing P101: New plumbing is showing at North Plan Wall to be connected to new sink in Kitchenette Rm 428 a) Please review and confirm that chase wall is not required at new sink location to bring the water lines and vent piping from the ceiling to the wall. b) Please review dwg PD101, it appears that the sink location is now at the Plan North wall, no new sanitary is shown for the new sink location. Provide 3rd Floor plumbing plan to identify sanitary connection.	a) An architectural chase will be provided for piping to drop down from ceiling. See architectural drawings. Piping will run within casework to sink location. b) Extend existing sanitary from current location to serve the new sink location as shown on P101.

PRICE PROPOSAL FORM (REVISED)

To: Montgomery College

Re: RFP No.: 626-003
Macklin Tower Roof Replacement & Limited HVAC Upgrades
Rockville Campus

Attn.: Procurement Office
Montgomery College
9221 Corporate Boulevard
Rockville, Maryland 20850

From: _____
(Provide Your Company's Name)

PART 1 - Contractor must submit **one (1) original plus one photocopy**, marked "Original" or "Copy" accordingly, of the Price Proposal Form and all attachments.

PART 2 - Please read the questions, note what is requested, then provide appropriate responses. Failure to answer any of the applicable questions contained in this section will make the proposal non-responsive and be grounds for rejection of the entire proposal. **Conditional proposals will not be accepted.** In order to be considered for the award, Contractor must bid all items and fill out all the following blanks. Failure to do so may deem a Contractor non-responsive.

PART 3- Contractor acknowledges receipt of the following Addenda:

Number _____ Date _____

Number _____ Date _____

Number _____ Date _____

Number _____ Date _____

Number _____ Date _____

Number _____ Date _____

PART 4 - BASE PRICE TOTAL (State amounts in both words and numbers where indicated)

The proposed total contract amount to complete the construction services for the **Macklin Tower Roof Replacement project on the Rockville Campus**, per terms, conditions, drawings and specifications, including all costs associated with the requirements specified in the RFP documents, and having examined both the site of the Work and all matters referred to in the RFP documents, is:

(In Words): _____ Dollars

(In Numbers): \$ _____

Item #	Description	Dollar Amount (\$)
1	Division 01 General Conditions	
2	Division 02 Existing Conditions	
	- Roof Demolition	
	- Ceiling Demolition	
	- Wall Demolition	
	- Flooring Demolition	
	- Asbestos Abatement	
	- Misc. work	
3	Division 03 Concrete	
4	Division 04 Masonry	
	- Facade Repairs /Repointing	
	- Facade Vertical Control Joints	
	- Masonry Associated to Roof Work	
	- Masonry Associated to Shelf Angles through Wall Flashing	
	- Masonry Replacement	
	- Masonry Power Washing	
	- Misc. work	
5	Division 05 Metals	
	- Metal Railing – Terrace 3	
	- Steel Decking	
	- Steel Stair – RTU / Tower	
	- Prefabricated Steel Stair RTU / Library	
	- Prefabricated Safety Rail / Library	
	- Misc. work	
6	Division 06 Wood, Plastics, and Composites	
	- Roof Carpentry	
	- Millwork	
	- Misc. work	
7	Division 07 Thermal and Moisture Protection	
	- Roofing Membrane - Roofs	

	- Roofing Membrane - Terraces	
	- Roofing Insulation	
	- Roofing Flashing	
	- Roofing Coping	
	- HVAC Insulation	
	- Knee Wall Insulation	
	- Through-Wall Flashing at Façade Shelf Angles	
	- Below Grade Waterproofing	
	- Vegetated Roof – Tray Assembly	
	- Composite Wall Panels (Roof)	
	- Roof Walkways	
	- Roof Curbs	
	- Sealants - Roof	
	- Sealants - Facade	
	- Misc. work	
8	Division 08 Openings	
	- Curtainwall – 3 rd Floor Terrace / Doors Infill	
	- Curtainwall – Glass / Gaskets Replacement	
	- New Roof Doors	
	- Glazing	
	- Misc. work	
9	Division 09 Finishes	
	- Ceiling	
	- Partitions	
	- Kneewall	
	- Flooring	
	- Paint	
	- Misc. work	
10	Division 10 Specialties	
	- Signage	
	- Fire Protection	
	- Accessories / Emergency Aid Cabinets	
	- Misc. work	
11	Division 12 Furnishings	
	- Blinds	
	- Countertops	
	- Misc. work	
12	Division 21 Fire Suppression	
	- Sprinkler work	
	- Misc. work	
13	Division 22 Plumbing	

	- Plumbing Demolition	
	- Drinking Fountains / Sinks	
	- Roof Drains	
	- Misc. work	
14	Division 23 HVAC	
	- HVAC Demolition	
	- VAV Replacement	
	- Registers	
	- Duct Work	
	- Controls	
	- Testing	
	- Misc. work	
15	Division 26 Electrical	
	- Electrical Demolition	
	- Lighting	
	- Lighting controls	
	- Lightning Protection	
	- Misc. work	
16	Division 28 Electronic Safety and Security	
	- Fire Detection / Fire Alarm	
	- Misc. work	
17	Division 31 Earthwork	
	- Underground wall waterproofing	
	- Lightning protection	
	- Misc. work	
18	Division 32 Exterior Improvements	
	- Pavers / Artificial Turf	
	- Furniture / Planters	
	- Sod / Grass	
	- Misc. work	
19	Allowances	
20	Profit and Overhead	
21	Insurance, Performance & Payment Bonds	
22	Base Price Total (Sum of Item 1-21)	

PART 5 - SPECIAL PRICING REQUIREMENTS (State amounts in both words and numbers)

A. ALLOWANCES (SEE PART 5.B BELOW)

B. UNIT PRICES AND ALLOWANCES

Provide unit prices to establish a fixed basis for costs for adding or changing specified quantities of work from those indicated in the contract drawings and specifications, when directed in writing by the College to make such changes. The unit prices shall include all labor, materials, equipment, overhead, bonds, insurance and profit and shall either be added to or subtracted from the quantity of this type of work specified as the result of field conditions. Provide allowance for quantities indicated below.

1. Concrete Repair - Partial Depth Horizontal Repair - See Detail A/S-800

- a. Unit Cost per SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars.
- b. Allowance to include 2,000 SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars

2. Concrete Repair - Vertical or Overhead Patch Repair – See Detail B/S-800

- a. Unit Cost per SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars.
- b. Allowance to include 500 SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars

3. Concrete Repair – Partial Depth Overhead or Vertical - See Detail C/S-800

- a. Unit Cost per SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars.
- b. Allowance to include 50 SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars

4. Concrete Repair - Honeycomb Patch Repair - See Detail D/S-800

- a. Unit Cost per SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars.
- b. Allowance to include 100 SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars

5. Concrete Repair - Lap Splice Rebar Repair - See Detail F/S-800

- a. Unit Cost per SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars.
- b. Allowance to include 50 SF is: \$ _____ (In Numbers).
(In Words): _____ Dollars

6. Cabling and junction box supports above ceiling.

- a. Allowance to include : **\$10,000** (In Numbers).
(In Words): **Ten Thousand** Dollars

7. Replacement of BX/Armored Cable and miscellaneous deficiencies in the ceiling space.

- b. Allowance to include : **\$60,000** (In Numbers).
(In Words): **Sixty Thousand** Dollars

C. ALTERNATES

Complete scope of work on the following alternates as per terms, conditions, drawings and specifications, including all costs associated with the requirements specified in the RFP documents, and having examined both the site of the Work and all matters referred to in the RFP documents.

Alternate 1: Replacement of the structural slab at Terrace #3, including associated architectural and MEP work.

See Structural, MEP, and Architectural documents, including drawings S-230, S-810, S-811, EP-101, AD-102, AQ-102, A-102, A-1Q1, AG-010, AG-102 and A.402.

(In Words): _____ Dollars

(In Numbers): \$ _____

Alternate 2: Reseal & re-insulate ductwork in the lower M-104 & M-105.

(In Words): _____ Dollars

(In Numbers): \$ _____

Alternate 3: Replacement of the exterior underground HVAC piping.

See Civil and MEP documents, including drawings CD-101, CS-101, VF-101, M-002, M-003, and M-501

(In Words): _____ Dollars

(In Numbers): \$ _____

Alternate 4: Door & Hardware Replacement (frame/panel/hardware).

See Architectural documents - Including drawings A-601, A-602.

(In Words): _____ Dollars

(In Numbers): \$ _____

Alternate 5: Waterproofing at the Northwest Corner of the Building, at the Concrete Retention Wall. See Drawings AR-202, AR-508.

(In Words): _____ Dollars

(In Numbers): \$ _____

D. SEPARATELY IDENTIFIED PRICES – NOT USED

PART 6 - BID SURETY

A. The bid surety attached in the sum of _____ Dollars (\$ _____) is to become the property of the College in the event the Contract and Bond are not executed with the time set forth, as liquidated damages for the delay and additional expense to the College caused thereby.

B. The undersigned includes the following submissions as part of the Price Proposal Form:

- Bid Bond (AIA Document A310-2010, "Bid Bond") if the total bid amount exceeding \$100,000.
- Bonding Company Letter

PART 7 – PRICE PROPOSAL SUBMITTAL ATTACHMENTS

- A.** AIA Document A310-2010, Bid Bond or Certified Check in an amount **not less than 5%** of the Total Bid Amount, including all add alternates, but excluding all deduct alternates, if applicable.
- B.** Bonding Company Letter Guaranteeing the Required 100% Performance, Labor and Material Payment Bonds.

PART 8 – The undersigned agrees, if selected as the Contractor, to execute a Contract in accordance with the terms of this Request for Proposals and the Contract Documents, within five (5) days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the College.

PART 9 – Upon contract award, the undersigned agrees to hold prices firm for the duration of the overall contract term.

PART 10 - The undersigned acknowledges the right of the College in its sole discretion to accept any Proposal or to reject any or all Proposals.

PART 11 - The undersigned further certifies under the penalties of perjury that this proposal is in every respect bona-fide, fair and made without collusion or fraud with another person, joint venture, corporation, partnership or other business or legal entity.

PART 12 - SIGNATURES:

_____	_____
(Date)	(Company Name)

	(Address)

	(Telephone Number)

	(Facsimile Number)

By:

SEAL IF A CORPORATION

Authorized Agent & Title (Print)

Signature

(F.E.I.N.)

(Contractor License Number)

(Contact E-mail Address)

BE SURE TO SIGN YOUR BID

ADDENDUM

hord | coplan | macht

To:	Office of Facilities Ling Mei - College Architect Antonio Gomez Fortuna – Senior Architect/PM (240) 567-3139 9221 Corporate Blvd. Rockville, MD 20850	Addendum Date:	9/16/2025
		Project:	MC MTL Roof Replacement & Limited HVAC Upgrades
		Project No:	225012.00
		Addendum No:	1

This Addendum forms a part of the Contract Documents and modified the original Construction Documents dated 8/29/2025 Work not specifically deleted, modified, changed, and altered by this Addendum shall remain in effect as part of the Contract Documents.

DESCRIPTION:

The revisions included within this Addendum pertain to received BID RFI questions. See individual pages for additional comments.

REVISIONS TO PROJECT MANUAL:

- 01 21 00 ALLOWANCES
 - 1. Revised Part 3.3 Schedule of Allowances to match Bid Forms.
- 01 22 00 UNIT PRICES
 - 1. Revised Part 3.1 Schedule of Unit Prices to match Bid Forms.
- 01 41 00 SPECIAL INSPECTIONS AND TESTING LABORATORY
 - 1. New Section in entirety.
 - 2. Regarding Alternate #1. See structural drawings.
- 01 74 19 CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
 - 1. New Section in entirety.
- 03 30 00 CAST IN PLACE CONCRETE
 - 1. New Section in entirety.
 - 2. Regarding Alternate #1. See structural drawings.
- 08 88 13 FIRE RATED GLAZING
 - 1. New Section in entirety.

REVISIONS TO DRAWING SHEETS:

- AD.10G GROUND FLOOR DEMOLITION PLAN
 - 1. Clarified areaway scope. See civil drawings.
- AD.101 FIRST FLOOR DEMOLITION PLAN
 - 1. Clarified areaway scope. See civil drawings.
 - 2. Moved unisex restroom in Level 1 from Roof to Library Project.
- AD.103 THIRD FLOOR DEMOLITION PLAN
 - 1. Clarified Terrace #3 scope. See roofing drawings (AR series).

- AD.104 FOURTH FLOOR DEMOLITION PLAN
 1. Clarified roof replacement scope. See roofing drawings (AR series).
- AD.1R1 DEMOLITION PLAN - ROOF
 1. Clarified all roof, terrace & areaway scopes. See roofing, civil and landscaping drawings.
 2. Added roof replacement sequencing general notes for coordination with Library Project.
- AQ.101 FIRST FLOOR DEMO REFLECTED CEILING PLAN
 1. Moved unisex restroom in Level 1 from Roof to Library Project.
- A.10G GROUND FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
- A.101 FIRST FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
 2. Moved unisex restroom in Level 1 from Roof to Library Project.
- A.102 SECOND FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
 2. Updated door numbers to match rooms in PPHI Suite.
- A.103 THIRD FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
- A.104 FOURTH FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
 2. Clarified roof replacement scope. See roofing drawings (AR series).
- A.105 FIFTH FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
- A.106 SIXTH FLOOR PLAN
 1. Clarified the egress stair guard and handrail finishes (PTD Steel).
- A.1Q1 ROOF FLOOR PLAN
 1. Clarified all roof, terrace & areaway scopes. See roofing, civil and landscaping drawings.
 2. Added roof replacement sequencing general notes for coordination with Library Project.
- AC.101 FIRST FLOOR REFLECTED CEILING PLAN
 1. Moved Unisex restroom in Level 1 from Roof to Library Project.
 2. Added note for Level 1 ceiling coordination with Library Project.
- AG.010 ROOM FINISH SCHEDULE, LEGEND & DETAILS
 1. Added P-9A to finish schedule for egress stair railing paint.
 2. Corrected floor finish for 429B.
- A.401 ENLARGED PLANS & INTERIOR ELEVATIONS
 1. Updated bathroom accessory counts after Level 1 Unisex restroom moved to Library Project.
- A.402 ENLARGED PLANS & INTERIOR ELEVATIONS, PPHI SUITE ALTERNATE#1
 1. Updated door numbers to match rooms in the PPHI suite (-A Suffix for Alternate)
- A.601 DOOR SCHEDULES & TYPES
 1. Updated door schedule.
 2. Clarified Alternate #4 scope to include electrified hardware.

- A.602 DOOR SCHEDULES & TYPES
 - 1. Updated door schedule.
 - 2. Clarified Alternate #4 scope to include electrified hardware.
- M002 SITE PLAN - DEMOLITION
 - 1. Corrected pipe size HS/HR size from 6" to 4".
- M003 SITE PLAN – NEW WORK
 - 1. Corrected pipe size HS/HR size from 6" to 4".
- MD104 PART SECOND AND FOURTH FLOOR PLANS - HVAC - DEMOLITION
 - 1. Corrected tags specifying demolished duct and air devices as "ETR" to "RX".
 - 2. Removed errant empty room tag.
- E001 ELECTRICAL SYMBOLS AND ABBREVIATIONS
 - 1. Added symbol for demolishing fan-powered VAV.
- ED101 SECOND AND FOURTH FLOOR PLAN – ELECTRICAL - DEMOLITION
 - 1. Indicated fan-power VAV for demolition
- ED102 FIFTH AND SIXTH FLOOR PLAN – ELECTRICAL - DEMOLITION
 - 1. Indicated fan-power VAV for demolition
- E502 TELECOMMUNICATIONS GROUNDING DETAILS AND DIAGRAMS
 - 1. Removed general note "C".

Issued by:

Michael Ferraro, Associate AIA
Project Manager

Hord Coplan Macht, Inc

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Quantity allowances.
- C. Related Requirements:
 - 1. Section 012200 "Unit Prices" for procedures for using unit prices, including adjustment of quantity allowances when applicable.
 - 2. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
 - 3. Section 014000 "Quality Requirements" for procedures governing the use of allowances for field testing by an independent testing agency.

1.3 DEFINITIONS

- A. Allowance: A quantity of work or dollar amount included in the Contract, established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.5 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 QUANTITY ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.

1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.9 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, required maintenance materials, and similar margins.
 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs due to a change in the scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES --ADD-01--

- A. Unit Price No. 01: Concrete Repair - Partial Depth Horizontal Repair - See Detail A/S-800.
 - 1. Quantity Allowance: 2,000 s.f.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- B. Allowance No. 02: Concrete Repair - Vertical or Overhead Patch Repair - See Detail B/S-800.
 - 1. Quantity Allowance: 500 s.f.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- C. Allowance No. 03: Concrete Repair - Partial Depth Overhead or Vertical- See Detail C/S-800.
 - 1. Quantity Allowance: 50 s.f.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- D. Allowance No. 04: Concrete Repair - Honeycomb Patch Repair - See Detail D/S-800.
 - 1. Quantity Allowance: 100 sf.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- E. Allowance No. 05: Concrete Repair - Lap Splice Rebar Repair - See Detail F/S-800.
 - 1. Quantity Allowance: 50 s.f.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- F. Allowance No. 06: Cabling and Junction Box Supports Above Ceiling.
 - 1. Lump Sum Allowance: \$10,000.
 - 2. Coordinate quantity allowance adjustment with corresponding unit-price requirements in Section 012200 "Unit Prices."
- G. Allowance No. 07: Replacement of BX/Armored Cable and Miscellaneous Deficiencies in Ceiling Space.
 - 1. Lump-Sum Allowance: \$60,000.

END OF SECTION

SECTION 012200 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
 - 1. Section 012100 "Allowances" for procedures for using unit prices to adjust quantity allowances.
 - 2. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
 - 3. Section 014000 "Quality Requirements" for field testing by an independent testing agency.

1.3 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the Part 3 "Schedule of Unit Prices" Article contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES --ADD-01--

- A. Unit Price No. 01: Concrete Repair - Partial Depth Horizontal Repair - See Detail A/S-800.
 - 1. Unit of Measurement: Cost per square foot.
- B. Unit Price No. 02: Concrete Repair - Vertical or Overhead Patch Repair - See Detail B/S-800.
 - 1. Unit of Measurement: Cost per square foot.
- C. Unit Price No. 03: Concrete Repair - Partial Depth Overhead or Vertical- See Detail C/S-800.
 - 1. Unit of Measurement: Cost per square foot.
- D. Unit Price No. 04: Concrete Repair - Honeycomb Patch Repair - See Detail D/S-800.
 - 1. Unit of Measurement: Cost per square foot.
- E. Unit Price No. 05: Concrete Repair - Lap Splice Rebar Repair - See Detail F/S-800.
 - 1. Unit of Measurement: Cost per square foot.
- F. Unit Price No. 06: Cabling and Junction Box Supports Above Ceiling.
 - 1. Unit of measurement: Each cable support (for MC-cable and low-voltage system cable), including connection to structure, support wire or threaded rod, and J-hook/cable fastener.
 - 2. Unit of measurement: Each box cover for up to 4"x4" box.
 - 3. Unit of measurement: Each box cover up to 4"x4" box and extension ring.
 - 4. Unit of measurement: Each Box support including connection to structure, threaded rod, and connection to box.
 - 5. Unit of measurement: MC cable to junction box fitting with insulated throat.
 - 6. Unit of measurement: Threaded steel conduit coupling between conduits with insulated throat, up to 1 1/4" conduit.
 - 7. Unit of measurement: Threaded steel conduit connector between conduit and junction box with insulated throat, up to 1 1/4" conduit.
 - 8. Unit of measurement: Seal conduit / cable penetration with fire rated sealant, up to 1 1/2" penetration.

END OF SECTION

SECTION 014100 - SPECIAL INSPECTIONS AND TESTING LABORATORY

PART 1- GENERAL

1.1 SUMMARY

- A. This section includes:
 - 1. Requirements and Qualifications for Special Inspectors
 - 2. Requirements and Qualifications for Testing Agency
- B. Specific tests required for the following materials can be found in the relevant sections:
 - 1. Cast in place concrete: 033000
 - 2. Structural Steel: 051213

1.2 RELATED DOCUMENTS

- A. Conditions of Contract for Construction and General Requirements of Division 1 of these Specifications apply to Work of this Section.
- B. All testing of concrete will conform to requirements of ACI 301-010, Standard Specifications for Structural Concrete and ACI 311.5-04, Guide for Concrete Plant Inspection and Field Testing of Ready-Mixed Concrete. Specific project requirements or modifications are specified herein.
- C. All testing and inspection shall comply with the following. In case of conflict the most stringent requirements shall be met unless specifically clarified otherwise through the RFI process.
 - 1. Complex Structures Requirements of the City of Rockville.
 - 2. Requirements listed in related specification sections.
 - 3. Requirements listed in the Special Inspection Schedule.

1.3 WORK INCLUDED

- A. The Owner will employ and pay for services of a Special Inspector and an Independent Testing Laboratory approved by the Engineer to perform special inspections and testing as specified in this Section. The Testing Laboratory shall be employed through the Special Inspector.
- B. Contractor shall reimburse the Owner the cost for all re-inspections, re-tests and related engineering services which indicate that initial inspected and tested items are not in accordance with Contract Documents and for additional inspections and tests that are for his convenience.
- C. The Contractor shall organize a pre-construction / Inspection meeting with the Special Inspector, Testing Laboratory, the Owner, and the Architect / Engineer, prior to any other pre-construction meeting.

1.4 QUALITY CONTROL ADDITIONAL REQUIREMENTS:

A. Special Inspector(s)

1. An ACI certified Concrete Construction Special Inspector, qualified in accordance with ASTM E329, shall be responsible for concrete inspection services.
2. An AWS certified Welding Inspector per AWS QCI shall be responsible for welding inspection services. Inspectors performing nondestructive testing of welds other than visual shall be NDT Level II per American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A.
3. An AISC certified Structural Steel Inspector shall be responsible for structural steel inspection services.

B. Independent Testing Laboratory

1. Laboratory will meet requirements of ASTM C1077, ASTM E329, and ASTM E548.
2. Laboratory will have been inspected by an independent agency such as Cement and Concrete Reference Laboratory CCRL or AASHTO Material Reference Laboratory AMRL.
3. Laboratory will meet "Recommended Requirements for Independent Laboratory Qualification," published by American Council of Independent Laboratories.
4. Laboratory will be authorized to operate in the State of Maryland.
5. Testing lab supervisor certified as a "Concrete Laboratory Testing Technician – Level II" shall evaluate all lab testing results prior to issuance.
6. Personnel performing testing services shall be ACI certified as "Concrete Laboratory Testing Technician - Grade I".
7. An ACI certified "Concrete Field Testing Technician - Grade I" will be responsible for field testing services.
8. Technicians performing field tests will have available to them a copy of ACI SP-15(10) Field Reference Manual: Specifications for Structural Concrete for Building with Selected ACI and ASTM References.
9. Employment of Laboratory will in no way relieve Contractor's obligations to perform Work of Contract.

1.5 CONTRACTOR RESPONSIBILITIES

A. Contractor shall coordinate with Special Inspector to ensure that Special Inspector has adequate notice to be on site prior to beginning construction activities requiring special inspection.

1. In the event of a miscoordination that results in work requiring continuous inspection proceeding without said inspection, Contractor shall immediately notify Architect, Special Inspector, and design side consultants. Contractor shall be responsible for all costs and/or delays associated with the remediation plan derived, including design costs for developing the plan.

2. In the event that work requiring inspection is covered prior to inspection, Contractor shall be responsible for all costs and/or delays associated with removing the concealing materials to expose work for inspection.
- B. Contractor shall review non-compliance report on a regular basis and provide updates no less than weekly to Architect, Special Inspector(s), and all design side consultants involved.

1.6 SPECIAL INSPECTOR AND TESTING LABORATORY RESPONSIBILITIES

- A. Special Inspector and laboratory shall coordinate with Contractor in order to provide qualified personnel upon due notice.
- B. Special Inspector shall identify the qualified personnel assigned to this project during the pre-construction meeting. No personnel changes shall be made without the prior approval of the SER.
- C. All inspections shall be performed in a timely manner to ensure that all work requiring inspection is inspected and to prevent installation (or to allow for removal) of non-conforming material.
- D. Special Inspectors shall keep records of inspections and tests. The special inspector shall furnish inspection reports to the Architect / Engineer as directed in this Section. Reports shall indicate that work inspected was done in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Engineer prior to the completion of that phase of the work.
- E. All inspections and tests will be reported in writing to Contractor, Subcontractor, Supplier, Installer, etc., Architect / Engineer, Building Official, and Owner within 5 business days. Written reports of inspections shall be delivered to above parties within forty-eight (48) hours of testing by email or FAX if immediately requested. Each report will include, as a minimum, the following:
 1. Report title and number: "Special Inspection Report #XX"
 2. Date issued
 3. Project title and number
 4. Name of Contractor and Subcontractor if applicable
 5. Supplier
 6. Special Inspector's company name, address, and telephone number
 7. Special Inspector's name and signature
 8. Dates and times of inspections
 9. Record of weather conditions
 10. Identification of product and Specification Section
 11. Location of inspection in Project
 12. Type of inspection
 13. Results of inspection and compliance with Contract Documents
 14. Interpretation of inspection results when requested by Engineer
 15. Photographs of key issues
 16. Elements and Areas that were inspected.
 17. Elements within the Area that were not available for inspection.
 18. List of items found to be in non-compliance with the Contract Documents and approved shop drawings, and the reason for non-compliance.
 19. Each report shall contain the statement:

“The following structural elements were inspected and found to be in compliance with the Contract Documents and approved shop drawings with the following exceptions....”

Use of language “observed,” “appeared to be in compliance,” “general compliance,” or similar is not acceptable.

F. Non-Compliance List

The special inspector must maintain a list of non-compliance items found. The list must include at least the following:

1. All the non-compliance items found during inspections and not resolved within the day of inspection.
2. All the non-compliance items reported in Architect / Engineer’s Field Reports.
3. The Testing and Inspection Report number and A/E Field Report number that the non-compliance is reported.
4. A brief description / title of the non-compliance.
5. The date the non-compliance was resolved.
6. The type of resolution.
7. The initials of the Special Inspector.

The non-compliance list must be distributed to the Contractor at least weekly and to the Owner and the Architect / Engineer at least bi-weekly.

The A/E receives the Special Inspection Reports for record only. These reports will not be reviewed except for non-compliance items included in the non-compliance list.

1.7 DEFINITIONS

- A. “Continuous” Inspection – Full-time special inspection while the work is being executed.
- B. “Periodic” Inspection – Part-time or intermittent special inspection where the work has been or is being executed. 100% of the work / material must be inspected regardless of the frequency of inspections, unless less is permitted by the specific material specifications.

1.8 SUBMITTALS

- A. For record purposes, personnel list certification and qualifications of Special Inspector(s), Laboratory, and Laboratory Field Technicians.
- B. Upon request for record testing procedures and apparatus.

PART 2- (NOT USED)

PART 3- (NOT USED)

END OF SECTION 014100

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL --ADD-01--

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for the following:
 - 1. Recycling nonhazardous demolition construction waste.
 - 2. Disposing of nonhazardous demolition construction waste.

1.2 MATERIALS OWNERSHIP

- A. Unless otherwise indicated, demolition and construction waste becomes property of Contractor.
- B. Historic items, relics, antiques, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, and other items of interest or value to Owner that may be uncovered during demolition remain the property of Owner.

1.3 ACTION SUBMITTALS

- A. Waste Management Plan: Submit plan within 60 days of date established for the Notice to Proceed.

1.4 QUALITY ASSURANCE

- A. Waste Management Coordinator Qualifications: Experienced firm, or individual employed and assigned by General Contractor, with a record of successful waste management coordination of projects with similar requirements. Superintendent may serve as Waste Management Coordinator.
- B. Regulatory Requirements: Comply with transportation and disposal regulations of authorities having jurisdiction.
- C. Waste Management Conference(s): Conduct conference(s) at Project site. Review methods and procedures related to waste management including, but not limited to, the following:
 - 1. Review and discuss waste management plan including responsibilities of each contractor and waste management coordinator.
 - 2. Review requirements for documenting quantities of each type of waste and its disposition.
 - 3. Review and finalize procedures for materials separation and verify availability of containers and bins needed to avoid delays.
 - 4. Review procedures for periodic waste collection and transportation to recycling and disposal facilities.

5. Review waste management requirements for each trade.

1.5 WASTE MANAGEMENT PLAN

- A. General: Develop a waste management plan according to requirements in this Section. Plan shall consist of waste identification, and waste reduction work plan.
- B. Waste Identification: Indicate anticipated types and quantities of demolition and construction waste generated by the Work. Include estimated quantities and assumptions for estimates.
- C. Waste Reduction Work Plan: List each type of waste and whether it will be salvaged, recycled, or disposed of in landfill or incinerator.
 1. Recycled Materials: Include list of local receivers and processors and type of recycled materials each will accept. Include names, addresses, and telephone numbers.
 2. Disposed Materials: Indicate how and where materials will be disposed of. Include name, address, and telephone number of each landfill and incinerator facility.
 3. Handling and Transportation Procedures: Include method that will be used for separating recyclable waste including sizes of containers, container labeling, and designated location where materials separation will be performed.

PART 2 - PRODUCTS

2.1 RECYCLING RECEIVERS AND PROCESSORS

- A. Subject to compliance with requirements, available recycling receivers and processors include, but are not limited to, the following:
 1. Aspen Street Recycling, Inc., 1500 Aspen Street, Baltimore, MD 21226, 410-960-1279.
 2. Benjer, Inc., PO Box 695, White Marsh, MD 21162, 410-335-2267.
 3. Brandywine Enterprises, 5800 Sheriff Road, Fairmont Heights, MD, 301-925-8100.
 4. Key Recycling Center, 3810 Fort Armistead Road, Baltimore, MD 21226, 410-360-5263.
 5. Selective Hauling, 8040 Queenair Drive, Gaithersburg, MD 20879, 301-330-0983.
 6. TurboHaul, 6201 Robinwood Road, Baltimore, MD 21225, 888-887-2642.
 7. 1-800-GOT-JUNK, 1212 East 25 Street, Lower Level, Baltimore, MD 21218, 1-800-468-5865, www.1800gotjunk.com.

PART 3 - EXECUTION

3.1 PLAN IMPLEMENTATION

- A. General: Implement approved waste management plan. Provide handling, containers, storage, signage, transportation, and other items as required to implement waste management plan during the entire duration of the Contract.

1. Comply with operation, termination, and removal requirements in Section 015000 "Temporary Facilities and Controls."
- B. Training: Train workers, subcontractors, and suppliers on proper waste management procedures, as appropriate for the Work.
 1. Distribute waste management plan to entities when they first begin work on-site. Review plan procedures and locations established for salvage, recycling, and disposal.
- C. Site Access and Temporary Controls: Conduct waste management operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 1. Designate and label specific areas on Project site necessary for separating materials that are to be salvaged and recycled.

3.2 RECYCLING CONSTRUCTION WASTE

- A. Packaging:
 1. Cardboard and Boxes: Break down packaging into flat sheets. Bundle and store in a dry location.
 2. Polystyrene Packaging: Separate and bag materials.
 3. Pallets: As much as possible, require deliveries using pallets to remove pallets from Project site. For pallets that remain on-site, break down pallets into component wood pieces and comply with requirements for recycling wood.
 4. Crates: Break down crates into component wood pieces and comply with requirements for recycling wood.

3.3 DISPOSAL OF WASTE

- A. General: Except for items or materials to be salvaged or recycled, remove waste materials from Project site and legally dispose of them in a landfill or incinerator acceptable to authorities having jurisdiction.
 1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site.
 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. General: Except for items or materials to be salvaged or recycled, remove waste materials and legally dispose of at designated spoil areas on Owner's property.
- C. Burning: Do not burn waste materials.

END OF SECTION

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SECTION 033000 - CAST-IN-PLACE CONCRETE

PART 1- GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. Refer to Section 014100 for Special Inspections and testing Lab requirements in addition to those included in this Section.

1.2 SUMMARY

- A. This Section specifies cast-in place concrete, including formwork, reinforcement, concrete materials, mixture design, placement procedures, waterstops, sealers, and finishes.

1.3 DEFINITIONS

- A. Cementitious Materials: Portland cement alone or in combination with one or more of the following: blended hydraulic cement, fly ash and other pozzolans, ground granulated blast-furnace slag, and silica fume; subject to compliance with requirements.
- B. Refer to 014100 Special Inspections and Testing Laboratory Specifications for definitions of Continuous and Periodic Inspections.
- C. AOR: Architect Of Record.
- D. SER: Structural Engineer of Record.
- E. SCM: Supplemental Cement Material
- F. PLC: Portland Limestone Cement

1.4 SUBMITTALS

- A. Product Data: For each type of manufactured materials and product indicated.
- B. LEED Submittals:
 - 1. Product Data for Credit MR 4: For products having recycled content, documentation indicating percentages by weight of postconsumer and preconsumer recycled content. Include statement indicating cost for each product having recycled content.
 - 2. Product Data for Credit IEQ 4.3: For curing and sealing compounds, documentation including printed statement of VOC content.
 - 3. Product data for Credit MR 5: For products having regional material content, documentation indicating location of manufacture and location of extraction, recovery or harvest of primary raw materials. Include statement indicating cost of each product with regional material content.

4. Design Mixtures for Credit ID 1.1: For each concrete mixture containing fly ash as a replacement for portland cement or other portland cement replacements, and for equivalent concrete mixtures that do not contain portland cement replacements.
- C. Design Mixtures: Prepare design mixtures for each type and strength of concrete, proportioned on the basis of laboratory trial mixture or field test data, or both, according to ACI 301 and ACI 318.
 1. Submit alternate design mixtures for approval when characteristics of materials, project conditions, weather, test results, or other circumstances warrant adjustments.
 2. Use a qualified independent testing agency for preparing and reporting proposed mixture designs based on laboratory trial mixtures.
 3. Concrete mix designs must be signed by a registered Design Professional licensed to practice as a Professional Engineer in the state where the project is located, and shall be coordinated with design requirements and Contract Documents.
- D. Steel Reinforcement Shop Drawings: Placing drawings that detail fabrication, bending, and placement prepared according to ACI 315. Include bar sizes, lengths, material, grade, bar schedules, stirrup spacing, bent bar diagrams, bar arrangement, splices and laps, mechanical connections, tie spacing, hoop spacing, special reinforcing for openings and embedded items and anchors, and supports for concrete reinforcement.
- E. Formwork Shop Drawings: Prepared by or under the supervision of a qualified professional engineer detailing fabrication, assembly, and support of formwork.
 1. Shoring and Reshoring: Indicate proposed schedule and sequence of stripping formwork, shoring removal, and installing and removing reshoring.
 2. Formwork Shop Drawings must include all slab edges and openings, coordinated with other trades and dimensioned.
 3. Formwork Shop Drawings must be signed and sealed by a Professional Structural Engineer licensed in the jurisdiction where the project is located.
- F. Qualification Data: For installer and batch plant.
- G. Material Test Reports: For the following, from a qualified testing agency, indicating compliance with requirements:
 1. Aggregates. Include service record and test data indicating absence of deleterious expansion of concrete due to alkali aggregate reactivity.
- H. Material Certificates: For each of the following, signed by manufacturers certifying compliance with project requirements:
 1. Cementitious materials.
 2. Admixtures.
 3. Form materials and form-release agents.
 4. Steel reinforcement and accessories.
 5. Waterstops.
 6. Curing compounds.
 7. Floor and slab treatments.
 8. Bonding agents.
 9. Vapor retarder.
 10. Repair materials.

- I. Floor surface flatness and levelness measurements to determine compliance with specified tolerances.
- J. Field quality-control test and inspection reports.
- K. Minutes of preinstallation conference.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs on Project personnel qualified as ACI-certified Flatwork Technician and Finisher and a supervisor who is an ACI-certified Concrete Flatwork Technician.
- B. Manufacturer Qualifications: A firm experienced in manufacturing ready-mixed concrete products and that complies with ASTM C 94/C 94M requirements for production facilities and equipment.
 - 1. Manufacturer certified according to NRMCA's "Certification of Ready Mixed Concrete Production Facilities."
- C. Testing and Inspection Agency Qualifications: Inspection and Testing Agency(ies) shall be qualified in accordance with specification section 014100.
- D. Source Limitations:
 - 1. For all concrete exposed to view, obtain each type or class of cementitious material of the same brand from the same manufacturer's plant, obtain aggregate from one source, and obtain admixtures through one source from a single manufacturer.
 - 2. For all other concrete multiple sources of material are permitted, provided that submittals for the material, test data, and concrete mix designs and trial batches, are made and submitted for each and every different source of material proposed.
- E. ACI Publications: Comply with the following, as well as any others referenced therein, unless modified by requirements in the Contract Documents:
 - 1. ACI 318, "Building Code Requirements for Structural Concrete,"
 - 2. ACI 301, "Specification for Structural Concrete,"
 - 3. ACI 117, "Specifications for Tolerances for Concrete Construction and Materials,"
 - 4. ACI 237, "Self-Consolidating Concrete."
- F. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination."
 - 1. Before submitting design mixtures, review concrete design mixture and examine procedures for ensuring quality of concrete materials.
 - 2. Require representatives of each entity directly concerned with cast-in-place concrete to attend, including the following:
 - a. Contractor's superintendent.
 - b. Independent testing agency responsible for concrete design mixtures.
 - c. Ready-mix concrete manufacturer.
 - d. Concrete subcontractor.
 - 3. At a minimum, the following topics shall be reviewed at pre-construction meeting:

- a. Special inspection and testing and inspecting agency procedures for field quality control
- b. Concrete finishes and finishing
- c. Cold- and hot-weather concreting procedures
- d. Curing procedures
- e. Construction, contraction, and isolation joints
- f. Joint-filler strips and/or semirigid joint fillers
- g. Forms and form removal limitations
- h. Shoring and reshoring procedures
- i. Vapor-retarder installation
- j. Anchor rod and anchorage device installation tolerances
- k. Steel reinforcement installation
- l. Floor and slab flatness and levelness measurement
- m. Concrete repair procedures
- n. Concrete protection

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Steel Reinforcement: Deliver, store, and handle steel reinforcement to prevent bending and damage. Avoid damaging coatings on steel reinforcement.
- B. Waterstops: Store waterstops under cover to protect from moisture, sunlight, dirt, oil, and other contaminants.

PART 2- PRODUCTS

2.1 FORM-FACING MATERIALS

- A. Smooth-Formed Finished Concrete: Form-facing panels that will provide continuous, true, and smooth concrete surfaces. Furnish in largest practicable sizes to minimize number of joints.
- B. Void Forms: High Density Extruded Polystyrene with minimum compressive strength of 40 psi (275 KPa) and minimum compressive modulus of 1,400 psi (9,650 KPa).
- C. Chamfer Strips: Wood, metal, PVC, or rubber strips, 3/4 by 3/4 inch (19 by 19 mm), minimum.
- D. Form-Release Agent: Commercially formulated form-release agent that will not bond with, stain, or adversely affect concrete surfaces and will not impair subsequent treatments of concrete surfaces.
 - 1. Formulate form-release agent with rust inhibitor for steel form-facing materials.

2.2 STEEL REINFORCEMENT

- A. Recycled Content: Provide steel with minimum 90 percent total recycled content, including at least 60 percent post-consumer recycled content.
- B. Regional Materials: Provide steel products manufactured and of primary raw materials extracted or recovered within 500 mile radius of Project Site
- C. Reinforcing Bars: ASTM A 615/A 615M, Grade 60 (Grade 420), deformed.

- D. Plain-Steel Wire: ASTM A 82, as drawn.
- E. Plain-Steel Welded Wire Reinforcement: ASTM A 1064, plain, fabricated from as-drawn steel wire. Only flat sheets are permitted.

2.3 REINFORCEMENT ACCESSORIES

- A. Joint Dowel Bars: ASTM A 615/A 615M, Grade 60 (Grade 420), plain-steel bars, cut bars true to length with ends square and free of burrs.
- B. Bar Supports: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars and welded wire reinforcement in place. Manufacture bar supports from steel wire, plastic, or precast concrete according to CRSI's "Manual of Standard Practice," of greater compressive strength than concrete and as follows:
 - 1. For concrete surfaces exposed to view where legs of wire bar supports contact forms, use CRSI Class 1 plastic-protected steel wire or CRSI Class 2 stainless-steel bar supports.
- C. Reinforcing Mechanical Splices: Mechanical connection of reinforcing bars ends certified through testing that it meets ACI 318 requirements of developing the full strength of splicing bar in tension and compression.
 - 1. The mechanical connection shall be made from one of the following two systems:
 - a. Lock shear bolt couplers with serrated gripping rails manufactured from high quality steel.
Basis of design is Dayton Bar-Lock Coupler or Lenton Shear Bolt Coupler
 - b. Internally threaded couplers with tapered threads at both ends, creating a mechanical but splice of two sections of reinforcing.
Basis of design is Lenton Coupler or Dayton Taper-Lock Coupler.
 - 2. All couplers shall be installed per the manufacturer's approved procedures and be inspected on site for full torque by the Special Inspector.
- D. Reinforcing Terminators: Mechanical device that forms termination and develops a headed reinforcing bar that meets ACI 318 Section 12.6.
 - 1. Reinforcing bar terminations shall be positive locking, taper threaded type anchor manufactured from high quality steel. The bar end must be taper threaded using the manufacturer's bar threading equipment to ensure proper taper and thread engagement.
 - 2. Basis of design is Lenton Terminator or Dayton End Anchor
 - 3. Bars shall be installed to the manufacturer's requirements and be inspected on site for full torque by the Special Inspector.
- E. Reinforcing Form Saver Splice: Mechanical coupler forged from the end of the rebar, with tapered, female threads and an integral mailing flange. Coupler must be certified through testing that it meets ACI 318 requirements of developing the full strength of splicing bar in tension and compression.
 - 1. The mechanical connections shall be the positive locking, taper threaded type couplers manufactured from high quality steel. The bar ends must be taper threaded using the manufacturer's bar threading equipment to ensure proper taper and thread engagement.
 - 2. Basis of design is Dayton Taper-Lock Form Saver or Lenton Form Saver

3. All couplers shall be installed per the manufacturer's approved procedures and be inspected on site for full torque by the Special Inspector.

2.4 CONCRETE MATERIALS

- A. Cementitious Material: Use the following cementitious materials, of the same type, brand, and source, throughout Project:
 1. Portland Cement: ASTM C 150, Type I/II, gray.
 2. Supplemental Cement Material (SCM)
 - a. Fly Ash: ASTM C 618, Class F.
 - b. Ground Granulated Blast-Furnace Slag: ASTM C 989, Grade 100 or 120.
 - c. Silica Fume: ASTM C 1240, amorphous silica.
 3. Blended Hydraulic Cement:
 - a. ASTM C 595, Type IS, blast-furnace slag-modified portland cement with no more than 35% slag component.
 4. Portland Limestone Cement (PLC): ASTM C595, Type IL(10)
- B. Normal-Weight Aggregates: ASTM C 33, uniformly graded, Class 15 or better, graded.
 1. Maximum Coarse-Aggregate Size: 1 inch (25 mm) nominal.
 2. Fine Aggregate: Free of materials with deleterious reactivity to alkali in cement.
- C. Water: Potable and complying with ASTM C94 and C1602.
- D. Regional Materials: Provide aggregate products manufactured and of primary raw materials extracted or recovered within 500 mile radius of Project Site C 94/C 94M and potable.

2.5 ADMIXTURES

- A. General: Provide admixtures certified by manufacturer to be compatible with other admixtures and that will not contribute water-soluble chloride ions exceeding those permitted in hardened concrete. Do not use calcium chloride or admixtures containing calcium chloride.
- B. Air-Entraining Admixture: ASTM C 260.
- C. Water-Reducing Admixture: ASTM C 494/C 494M, Type A.
- D. High-Range, Water-Reducing Admixture: ASTM C 494/C 494M, Type F.
- E. Water-Reducing and Retarding Admixture: ASTM C 494/C 494M, Type D.
- F. Water-Reducing and Accelerating Admixture: ASTM C494, Type E.
- G. High-Range, Water-Reducing and Retarding Admixture: ASTM C 494/C 494M, Type G.
- H. Retarding Admixture: ASTM C 494/C 494M, Type B.
- I. Plasticizing and Retarding Admixture: ASTM C 1017/C 1017M, Type II.

2.6 WATERSTOPS

- A. Flexible PVC Waterstops: CE CRD-C 572, for embedding in concrete to prevent passage of fluids through joints. Factory fabricate corners, intersections, and directional changes.
 - 1. Profile: As indicated on contract documents
 - 2. Dimensions: As indicated on contract documents.
- B. Self-Expanding Butyl Strip Waterstops: Manufactured rectangular or trapezoidal strip, butyl rubber with sodium bentonite or other hydrophilic polymers, for adhesive bonding to concrete, 3/4 by 1 inch (19 by 25 mm).

2.7 FLOOR AND SLAB TREATMENTS

- A. Penetrating Liquid Floor Treatment: Clear, chemically reactive, waterborne solution of inorganic silicate or silicate materials and proprietary components; odorless; colorless; that penetrates, hardens, and densifies concrete surfaces.

2.8 CURING MATERIALS

- A. Provide Curing Materials specifically manufactured for the intended application.
Submit manufacturer's certification of compatibility with all other curing means and methods.
Submit manufacturer's certification of compatibility with all flooring applications.
- B. Evaporation Retarder: Waterborne, monomolecular film forming, manufactured for application to fresh concrete.
- C. Absorptive Cover: AASHTO M 182, Class 2, burlap cloth made from jute or kenaf, weighing approximately 9 oz./sq. yd. (305 g/sq. m) when dry.
- D. Moisture-Retaining Cover: ASTM C 171, polyethylene film or white burlap-polyethylene sheet.
- E. Water: Potable.
- F. Clear, Waterborne, Membrane-Forming Curing Compound: ASTM C 309, Type 1, Class B, dissipating.
- G. Curing Compounds applied within the building waterproofing envelope: Comply with low-emitting requirements in Division 01 Section "Indoor Air Quality Requirements."

2.9 RELATED MATERIALS

- A. Semirigid Joint Filler: Two-component, semirigid, 100 percent solids, epoxy resin with a Type A shore durometer hardness of 80 per ASTM D 2240.
- B. Bonding Agent: ASTM C 1059, Type II, non-redispersible, acrylic emulsion or styrene butadiene.

2.10 REPAIR MATERIALS

- A. Repair Underlayment: Cement-based, polymer-modified, self-leveling product that can be applied in thicknesses from 1/8 inch (3.2 mm) and that can be feathered at edges to match adjacent floor elevations.

1. Cement Binder: ASTM C 150, portland cement or hydraulic or blended hydraulic cement as defined in ASTM C 219.
 2. Primer: Product of underlayment manufacturer recommended for substrate, conditions, and application.
 3. Aggregate: Well-graded, washed gravel, 1/8 to 1/4 inch (3.2 to 6 mm) or coarse sand as recommended by underlayment manufacturer.
 4. Compressive Strength: Not less than 4100 psi (29 MPa) at 28 days when tested according to ASTM C 109/C 109M.
- B. Repair Overlayment: Cement-based, polymer-modified, self-leveling product that can be applied in thicknesses from 1/8 inch (3.2 mm) and that can be feathered at edges to match adjacent floor elevations.
1. Cement Binder: ASTM C 150, portland cement or hydraulic or blended hydraulic cement as defined in ASTM C 219.
 2. Primer: Product of topping manufacturer recommended for substrate, conditions, and application.
 3. Aggregate: Well-graded, washed gravel, 1/8 to 1/4 inch (3.2 to 6 mm) or coarse sand as recommended by topping manufacturer.
 4. Compressive Strength: Not less than 5000 psi (34.5 MPa) at 28 days when tested according to ASTM C 109/C 109M.

2.11 MISCELLANEOUS MATERIALS

- A. Structural Polystyrene used as Typical Fill
1. Material: Rigid cellular, extruded polystyrene with closed cells.
 2. Comply with ASTM C578, Type VII.
 3. Compressive Strength: 60 psi (420 KPa), ASTM D-1621.
 4. Compressive Modulus: minimum 2,200 psi (15 MPa), ASTM D-1621
 5. Flexural Strength: 75 psi (520 KPa), ASTM C-203
 6. Basis of design: FOAMULAR 600, Owens Corning; Styrofoam Highload 60, The Dow Chemical Company.

2.12 CONCRETE MIXTURES, GENERAL

- A. Prepare design mixtures for each type and strength of concrete, proportioned on the basis of laboratory trial mixture or field test data, or both, according to ACI 301.
1. Cylinders used for trial batches or field experience for mixture designs must be 4 inches by 8 inches.
- B. Cementitious Materials: Limit percentage, by weight, of cementitious materials other than portland cement in concrete as follows:
1. Fly Ash: 25 percent.
 2. Ground Granulated Blast-Furnace Slag: 35 percent.

3. Combined Fly Ash and Ground Granulated Blast-Furnace Slag: 40 percent, with fly ash or pozzolan not exceeding 15 percent.
 4. Silica Fume: 10 percent.
 5. Combined Fly Ash and Silica Fume: 35 percent with fly ash not exceeding 25 percent and silica fume not exceeding 10 percent.
 6. Combined Fly Ash, Ground Granulated Blast-Furnace Slag, and Silica Fume: 50 percent with fly ash not exceeding 15 percent and silica fume not exceeding 10 percent.
- C. Limit water-soluble, chloride-ion content in hardened concrete to 0.06 percent by weight of cement. No calcium chloride is permitted in any form.
- D. Admixtures: Use admixtures according to manufacturer's written instructions.
1. Use water-reducing or high-range water-reducing admixture in concrete, as required, for placement and workability.
 2. Use water-reducing and retarding admixture when required by high temperatures, low humidity, or other adverse placement conditions.
 3. Use water-reducing admixture in pumped concrete, concrete for heavy-use industrial slabs and garage slabs, concrete required to be watertight, and concrete with a water-cementitious materials ratio below 0.50.
- E. Moisture Control: For elements and finishing conditions where concrete moisture is critical the contractor must implement proper mix designs, curing procedures, and schedule adjustments to allow for moisture mitigation. Mix designs to implement water reducing admixtures and maximize cement content.

2.13 CONCRETE MIXTURES FOR BUILDING ELEMENTS

- A. Suspended Slabs and Building Frame Members
Proportion normal-weight concrete mixture as follows unless more stringent criteria are indicated on the drawings:
1. Minimum Compressive Strength: 5000 psi (27.6 MPa) at 28 days.
 2. Maximum Water-Cementitious Materials Ratio: 0.40.
 3. Slump Limit: 3 inches (100 mm) or 8 inches (200 mm) for concrete with verified slump of 2 to 4 inches (50 to 100 mm) before adding high-range water-reducing admixture or plasticizing admixture, plus or minus 1 inch (25 mm). Measure slump at point of discharge.
 4. Air Content: 6 percent, plus or minus 1.5 percent at point of delivery.
- B. Self Consolidating Concrete (SCC) for use in elements indicated on the drawings.
Proportion normal-weight concrete mixture as follows unless more stringent criteria are indicated on the drawings:
1. Comply with the requirements and recommendations for mixtures and testing of ACI 237 and ASTM standards referenced therein.
 2. Use admixtures that are suited for SCC concrete. Submit statement from admixture manufacturer.
 3. Slump Flow to be not less than 23 in.

4. Visual Stability Index (VSI) to be not more than 1.
5. Viscosity T20 between 3 and 8 seconds.
6. Minimum Compressive Strength: 5000 psi (27.6 MPa) at 28 days.
7. Maximum Water-Cementitious Materials Ratio: 0.40.
8. Air Content: 6 percent when using 3/4" or larger aggregate or 7 percent when using 1/2" or smaller aggregate, plus or minus 1.5 percent at point of delivery.
9. If field experience data from the SCC supplier are not available, design mix according to examples provided in ACI 237.

2.14 FABRICATING REINFORCEMENT

- A. Fabricate steel reinforcement according to CRSI's "Manual of Standard Practice."

2.15 CONCRETE MIXING

- A. Ready-Mixed Concrete: Measure, batch, mix, and deliver concrete according to ASTM C 94/C 94M, and the following:
 1. Do not add water after HRWA is added to the mix, even if water has been held back at the plant.
- B. All concrete shall be placed with 90 minutes of first mixing.
 1. When air temperature is between 85 and 90 deg F (30 and 32 deg C), reduce mixing and delivery time from 90 minutes to 75 minutes.
 2. When air temperature is above 90 deg F (32 deg C), reduce mixing and delivery time to 60 minutes.
 3. The mixing and delivery time can be extended by a max of 30 minutes provided that the following criteria and procedures are followed:
 - a. No water is added after the specified mixing and delivery time, even if any is withheld in the plant,
 - b. Slump, air content and concrete temperature are measured at the specified mixing and delivery time and at the actual start of discharge time and are still within specified criteria,
 - c. A set of standard cylinders must be taken at the specified mixing and delivery time and another set at the end of the concrete placement,
 - d. The concrete placement must be completed within the additional 30 minutes regardless of any conditions.
 4. Concrete that did not meet the above criteria of time shall be rejected. Any elements cast with such concrete shall be removed regardless of any strength results of samples, cores, etc.

PART 3- EXECUTION

3.1 FORMWORK

- A. Design, erect, shore, brace, and maintain formwork, according to ACI 301, to support vertical, lateral, static, and dynamic loads, and construction loads that might be applied, until structure can support such loads.
- B. Construct formwork so concrete members and structures are of size, shape, alignment, elevation, and position indicated, within tolerance limits of ACI 117.
- C. Limit concrete surface irregularities, designated by ACI 347R as abrupt or gradual, to Class A, 1/8 inch (3.2 mm) for smooth-formed finished surfaces.
- D. Construct forms tight enough to prevent loss of concrete mortar.
- E. Fabricate forms for easy removal without hammering or prying against concrete surfaces. Provide crush or wrecking plates where stripping may damage cast concrete surfaces. Provide top forms for inclined surfaces steeper than 1.5 horizontal to 1 vertical.
 - 1. Install keyways, reglets, recesses, and the like, for easy removal.
 - 2. Do not use rust-stained steel form-facing material.
- F. Set edge forms, bulkheads, and intermediate screed strips for slabs to achieve required elevations and slopes in finished concrete surfaces. Provide and secure units to support screed strips; use strike-off templates or compacting-type screeds.
- G. Provide temporary openings for cleanouts and inspection ports where interior area of formwork is inaccessible. Close openings with panels tightly fitted to forms and securely braced to prevent loss of concrete mortar. Locate temporary openings in forms at inconspicuous locations.
- H. Chamfer exterior corners and edges of permanently exposed concrete.
- I. Form openings, chases, offsets, sinkages, keyways, reglets, blocking, screeds, and bulkheads required in the Work. Determine sizes and locations from trades providing such items.
- J. Clean forms and adjacent surfaces to receive concrete. Remove chips, wood, sawdust, dirt, and other debris just before placing concrete.
- K. Retighten forms and bracing before placing concrete, as required, to prevent mortar leaks and maintain proper alignment.
- L. Coat contact surfaces of forms with form-release agent, according to manufacturer's written instructions, before placing reinforcement.

3.2 TOLERANCES

- A. Comply with ACI 117 with the following additional requirements:
 - 1. Tolerance for the horizontal deviation of all elements (including beams, columns, openings, edge of slab, floor edge, etc.) shall be $\pm 1/2"$. This requirement may affect tolerances for deviation from plumb etc. This is a tighter requirement than ACI-117.

3.3 EMBEDDED ITEMS

- A. Place and secure anchorage devices and other embedded items required for adjoining work that is attached to or supported by cast-in-place concrete. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.

1. Install anchor rods, accurately located, to elevations required and complying with tolerances in Section 7.5 of AISC's "Code of Standard Practice for Steel Buildings and Bridges."
2. Use templates to accurately and securely install anchor rods and similar items. Wet sticking anchor rods etc. is not permitted.
3. Install reglets to receive waterproofing and to receive through-wall flashings in outer face of concrete frame at exterior walls, where flashing is shown at lintels, shelf angles, and other conditions.
4. Install dovetail anchor slots in concrete structures as indicated.

3.4 REMOVING AND REUSING FORMS

- A. General: Formwork for sides of beams, walls, columns, and similar parts of the Work that does not support weight of concrete may be removed after cumulatively curing at not less than 50 deg F (10 deg C) for 24 hours after placing concrete, if concrete is hard enough to not be damaged by form-removal operations and curing and protection operations are maintained.
 1. Leave formwork for beam soffits, joists, slabs, and other structural elements that supports weight of concrete in place until concrete has achieved at least 75 percent of its 28-day design compressive strength. If stripping occurs within 3 days of casting, the concrete must have achieved 100 percent of its 28-day strength.
 2. Concrete strength for formwork removal purposes must be established by field cured cylinders,
 3. Remove forms only if shores have been arranged to permit removal of forms without loosening or disturbing shores.
- B. Clean and repair surfaces of forms to be reused in the Work. Split, frayed, delaminated, or otherwise damaged form-facing material will not be acceptable for exposed surfaces. Apply new form-release agent.
- C. When forms are reused, clean surfaces, remove fins and laitance, and tighten to close joints. Align and secure joints to avoid offsets. Do not use patched forms for exposed concrete surfaces unless approved by Architect.

3.5 SHORES AND RESHORES

- A. Comply with ACI 318 (ACI 318M) and ACI 301 for design, installation, and removal of shoring and reshoring.
 1. Do not remove shoring or reshoring until measurement of slab tolerances is complete.
- B. In multistory construction, extend shoring or reshoring over a sufficient number of stories to distribute loads in such a manner that no floor or member will be excessively loaded or will induce tensile stress in concrete members without sufficient steel reinforcement.
- C. Plan sequence of removal of shores and reshore to avoid damage to concrete. Locate and provide adequate reshoring to support construction without excessive stress or deflection.

3.6 STEEL REINFORCEMENT

- A. General: Comply with CRSI's "Manual of Standard Practice" for placing reinforcement.

- B. Clean reinforcement of loose rust and mill scale, earth, ice, and other foreign materials that would reduce bond to concrete.
- C. Accurately position, support, and secure reinforcement against displacement. Locate and support reinforcement with bar supports to maintain minimum concrete cover. Do not tack weld crossing reinforcing bars.
- D. Set wire ties with ends directed into concrete, not toward exposed concrete surfaces.
- E. Install welded wire reinforcement in longest practicable lengths on bar supports spaced to minimize sagging. Use sand plates, as required, under bar supports to prevent punctures of vapor retarder and to secure proper bar support elevation. Lap edges and ends of adjoining sheets at least one mesh spacing. Offset laps of adjoining sheet widths to prevent continuous laps in either direction. Lace overlaps with wire.
- F. Field bending of misplaced or damaged reinforcing:
 - 1. All bars requiring field bends shall be inspected for signs of damage prior to placement of concrete.
 - 2. Heat may be used to assist in bending bars #6 or larger, but minimum bend radius per ACI 318 must be maintained in all cases.
 - a. Do not heat bars above 1200 degrees F. Use of means to monitor heat in bars is mandatory.
 - b. Do not heat bars embedded in concrete above 500 degrees F.
 - c. Do not artificially cool heated reinforcing unless bar temperature is below 500 degrees F.
 - 3. Do not bend bars with a temperature lower than 32 degrees F.
 - 4. Twisting of bars embedded in concrete is not permitted. Bars requiring twist shall be bent to vertical and rebent to the proper orientation.
 - 5. Any bars failing inspection or showing signs of damage after bend shall be replaced with epoxy anchored bar matching the profile of the original.
- G. "Wet-Stick" placement of dowels is not permitted.
- H. Do not bend reinforcement that is embedded partially in concrete except in locations noted on the drawings or approved by SER.

3.7 JOINTS

- A. General: Construct joints true to line with faces perpendicular to surface plane of concrete.
- B. Construction Joints: Pour sizes should not require construction joints. Consult SER for appropriate details if sequencing requires their use.
- C. Doweled Joints: Install dowel bars and support assemblies at joints where indicated. Lubricate or asphalt coat one-half of dowel length to prevent concrete bonding to one side of joint.

3.8 WATERSTOPS

- A. Flexible Waterstops: Install in construction joints and at other joints indicated to form a continuous diaphragm. Install in longest lengths practicable. Support and protect exposed waterstops during progress of the Work. Field fabricate joints in waterstops according to manufacturer's written instructions.
- B. Self-Expanding Strip Waterstops: Install in construction joints and at other locations indicated, according to manufacturer's written instructions, adhesive bonding, mechanically fastening, and firmly pressing into place. Install in longest lengths practicable.

3.9 CONCRETE PLACEMENT

- A. Before placing concrete, verify that installation of formwork, reinforcement, and embedded items is complete and that required inspections have been performed.
- B. Do not add water to concrete during delivery, at Project site, or during placement unless approved by Architect.
- C. Deposit concrete continuously in one layer or in horizontal layers of such thickness that no new concrete will be placed on concrete that has hardened enough to cause seams or planes of weakness. If a section cannot be placed continuously, provide construction joints as indicated. Deposit concrete to avoid segregation.
 - 1. Deposit concrete in horizontal layers of depth to not exceed formwork design pressures and in a manner to avoid inclined construction joints.
 - 2. Consolidate placed concrete with mechanical vibrating equipment according to ACI 301.
 - 3. Do not use vibrators to transport concrete inside forms. Insert and withdraw vibrators vertically at uniformly spaced locations to rapidly penetrate placed layer and at least 6 inches (150 mm) into preceding layer. Do not insert vibrators into lower layers of concrete that have begun to lose plasticity. At each insertion, limit duration of vibration to time necessary to consolidate concrete and complete embedment of reinforcement and other embedded items without causing mixture constituents to segregate.
- D. Deposit and consolidate concrete for floors and slabs in a continuous operation, within limits of construction joints, until placement of a panel or section is complete.
 - 1. Consolidate concrete during placement operations so concrete is thoroughly worked around reinforcement and other embedded items and into corners.
 - 2. Maintain reinforcement in position on chairs during concrete placement.
 - 3. Screed slab surfaces with a straightedge and strike off to correct elevations.
 - 4. Slope surfaces uniformly to drains where required.
 - 5. Begin initial floating using bull floats or darbies to form a uniform and open-textured surface plane, before excess bleedwater appears on the surface. Do not further disturb slab surfaces before starting finishing operations.
- E. Cold-Weather Placement: Comply with ACI 306.1 and as follows, with the most stringent criteria governing. Protect concrete work from physical damage or reduced strength that could be caused by frost, freezing actions, or low temperatures.
 - 1. When average high and low temperature is expected to fall below 40 deg F (4.4 deg C) for three successive days, maintain delivered concrete mixture temperature within the temperature range required by ACI 301.

2. Protect concrete and maintain the ACI 306.1 recommended minimum temperatures for at least 2 days (not exposed) or 3 days (exposed), even if the strength gain exceeds that recommended by ACI 306.1. Continuous temperature monitoring is required until concrete temperature has stabilized.
 3. Do not use frozen materials or materials containing ice or snow. Do not place concrete on frozen subgrade or on subgrade containing frozen materials.
 4. Do not use calcium chloride, salt, or other materials containing antifreeze agents or chemical accelerators unless otherwise specified and approved in mixture designs.
- F. Hot-Weather Placement: Comply with ACI 301 and as follows:
1. Maintain concrete temperature below 90 deg F (32 deg C) at time of placement. Chilled mixing water or chopped ice may be used to control temperature, provided water equivalent of ice is calculated to total amount of mixing water. Using liquid nitrogen to cool concrete is Contractor's option.
 2. Fog-spray forms, steel reinforcement, and subgrade just before placing concrete. Keep subgrade uniformly moist without standing water, soft spots, or dry areas.

3.10 FINISHING FORMED SURFACES

- A. Smooth-Formed Finish: As-cast concrete texture imparted by form-facing material, arranged in an orderly and symmetrical manner with a minimum of seams. Repair and patch tie holes and defects. Remove fins and other projections that exceed specified limits on formed-surface irregularities.
1. Apply to bottoms and sides of all concrete slabs.

3.11 FINISHING FLOORS AND SLABS

- A. General: Comply with ACI 302.1R recommendations for screeding, restraighening, and finishing operations for concrete surfaces. Do not wet concrete surfaces.
- B. Float Finish: Consolidate surface with power-driven floats or by hand floating if area is small or inaccessible to power driven floats. Restraighten, cut down high spots, and fill low spots. Repeat float passes and restraighening until surface is left with a uniform, smooth, granular texture.
- C. Trowel Finish: After applying float finish, apply first troweling and consolidate concrete by hand or power-driven trowel. Continue troweling passes and restraighten until surface is free of trowel marks and uniform in texture and appearance. Grind smooth any surface defects that would telegraph through applied coatings or floor coverings.
1. Finish surfaces to overall values of flatness, F(F) 35; and of levelness, F(L) 25; with minimum local values of flatness, F(F) 25; and of levelness, F(L) 19. according to ACI 117 and ASTM E 1155 (ASTM E 1155M), for a randomly trafficked floor surface.

3.12 MISCELLANEOUS CONCRETE ITEMS

- A. Filling In: Fill in holes and openings left in concrete structures, unless otherwise indicated, after work of other trades is in place. Mix, place, and cure concrete, as specified, to blend with in-place construction. Provide other miscellaneous concrete filling indicated or required to complete the Work.

- B. Curbs: Provide monolithic finish to interior curbs by stripping forms while concrete is still green and by steel-troweling surfaces to a hard, dense finish with corners, intersections, and terminations slightly rounded.

3.13 CONCRETE PROTECTING AND CURING

- A. General: Protect freshly placed concrete from premature drying and excessive cold or hot temperatures. Comply with ACI 306.1 for cold-weather protection and ACI 301 for hot-weather protection during curing.
- B. Evaporation Retarder: Apply evaporation retarder to unformed concrete surfaces if hot, dry, or windy conditions cause moisture loss approaching 0.2 lb/sq. ft. x h (1 kg/sq. m x h) before and during finishing operations. Apply according to manufacturer's written instructions after placing, screeding, and bull floating or darbying concrete, but before float finishing.
- C. Formed Surfaces: Cure formed concrete surfaces, including underside of beams, supported slabs, and other similar surfaces. If forms remain during curing period, moist cure after loosening forms. If removing forms before end of curing period, continue curing for the remainder of the curing period.
- D. Unformed Surfaces: Begin curing immediately after finishing concrete. Cure unformed surfaces, including floors and slabs, concrete floor toppings, and other surfaces.
- E. Cure concrete according to ACI 308.1, by one or a combination of the following methods:
 - 1. Moisture Curing: Keep surfaces continuously moist for not less than seven days with the following materials:
 - a. Water.
 - b. Continuous water-fog spray.
 - c. Absorptive cover, water saturated, and kept continuously wet. Cover concrete surfaces and edges with 12-inch (300-mm) lap over adjacent absorptive covers.
 - 2. Moisture-Retaining-Cover Curing: Cover concrete surfaces with moisture-retaining cover for curing concrete, placed in widest practicable width, with sides and ends lapped at least 12 inches (300 mm), and sealed by waterproof tape or adhesive. Cure for not less than seven days. Immediately repair any holes or tears during curing period using cover material and waterproof tape.
 - a. Moisture cure or use moisture-retaining covers to cure concrete surfaces to receive floor coverings.
 - b. Moisture cure or use moisture-retaining covers to cure concrete surfaces to receive penetrating liquid floor treatments.
 - c. Cure concrete surfaces to receive floor coverings with either a moisture-retaining cover or a curing compound that the manufacturer certifies will not interfere with bonding of floor covering used on Project..
 - 3. Curing Compound: Apply uniformly in continuous operation by power spray or roller according to manufacturer's written instructions. Recoat areas subjected to heavy rainfall within three hours after initial application. Maintain continuity of coating and repair damage during curing period.

- a. After curing period has elapsed, remove curing compound without damaging concrete surfaces by method recommended by curing compound manufacturer.

3.14 LIQUID FLOOR TREATMENTS

- A. Penetrating Liquid Floor Treatment: Prepare, apply, and finish penetrating liquid floor treatment according to manufacturer's written instructions.
 1. Remove curing compounds, sealers, oil, dirt, laitance, and other contaminants and complete surface repairs.
 2. Do not apply to concrete that is less than 28 days old.
 3. Apply liquid until surface is saturated, scrubbing into surface until a gel forms; rewet; and repeat brooming or scrubbing. Rinse with water; remove excess material until surface is dry. Apply a second coat in a similar manner if surface is rough or porous.

3.15 JOINT FILLING

- A. Prepare, clean, and install joint filler according to manufacturer's written instructions.
 1. Defer joint filling until concrete has aged at least one month. Do not fill joints until construction traffic has permanently ceased.
- B. Remove dirt, debris, saw cuttings, curing compounds, and sealers from joints; leave contact faces of joint clean and dry.
- C. Install semirigid joint filler full depth in saw-cut joints and at least 2 inches (50 mm) deep in formed joints. Overfill joint and trim joint filler flush with top of joint after hardening.

3.16 CONCRETE REPAIRS

- A. Defective Concrete – New Construction: Defective concrete of new construction shall be repaired or removed and replaced at the discretion of the AOR and SER, at no cost to the Owner. Submit proposed repairs for any defect using the guidelines below for the review and acceptance of the Architect and SER, who may accept or modify the suggested repairs at his discretion. Remove and replace concrete that cannot be repaired and patched to Architect's approval.
- B. Defective Concrete – Existing Construction: Bring to the attention of the Owner, AOR, and SER any defect (crack, spalling, corrosion etc.) noted in existing concrete construction. The AOR and SER will evaluate and provide repair designs for the specific defect as necessary. Unless these defects are noted on the construction documents, they shall be considered as unforeseen conditions in regards to the contract.
- C. If reinforcing is completely or partially exposed due to a defect or during any repair procedure, the case must be brought to the attention of the Architect and Structural Engineer, as soon as it is discovered and prior to any repair procedure is undertaken or continued.
- D. Typical repair details have been provided within the Contract Documents. These details document materials and procedures anticipated to be required. Additional details can be provided if conditions not covered by these details are encountered.

3.17 FIELD QUALITY CONTROL

- A. Testing and Inspecting: Agencies and Individuals must be qualified in accordance with provisions in specification section 014100.
- B. Testing and Inspection Reports: Comply with provisions of 014100.
 - 1. At a minimum, all field reports shall include the following items:
 - a. Project information as specified herein
 - b. Design mix number
 - c. Design strength
 - d. Cement content
 - e. Water content
 - f. Coarse aggregate lbs/yd
 - g. Fine aggregate lbs/yd
 - h. Admixtures
 - i. Truck number and/or ticket number
 - j. Drum rotation revolution
 - k. Cubic yards
 - l. W/c ratio
 - m. Batch time
 - n. Discharge start time
 - o. Empty time
 - p. Sample time
 - q. Slump
 - r. Air content
 - s. Air temperature and concrete temperature
 - t. Location of placement and location of sample batch
 - u. Other information agreed upon at preconstruction meeting
 - 2. Submit for record laboratory test results including the following information in addition to information cited under field tests.
 - a. Cylinder identification
 - b. Date tested, concrete age
 - c. Total load
 - d. Compressive strength
 - e. Type of fracture
 - f. Method of curing
 - g. Weight of cylinder
 - 3. Submit for record concurrent graphs of laboratory test results including the following information:
 - a. Cylinder identification.
 - b. Concrete strength.
 - c. Air content.
- C. Non-Compliance List: Comply with provisions of 014100.
- D. Inspections: Comply with Special Inspections Schedule on drawings and below.
 - 1. Delivery of fresh concrete
 - a. (Periodic) Verify use of approved mix design.
 - b. (Periodic) Verify delivery time from batch plant.
 - 2. Concrete Formwork

- a. (Periodic) Inspect formwork for shape, location, and dimensions of the member being formed.
 - b. (Periodic) Verify proper application of system per approved shop drawings.
3. Steel reinforcement placement.
 - a. (Periodic) Verify reinforcing and post-tensioning tendons have been shipped, handled, and stored as specified.
 - b. (Periodic) Verify tie wire, chairing, and support systems, including location, spacing, and material.
 - c. (Periodic) Inspect all epoxy coated reinforcing to verify that coatings are free of damage, and that any damaged coating has been repaired in conformance with Contract Documents.
 - d. (Periodic) Inspect placement of mild steel reinforcing, including number, location, cover, supports, and splices.
 - e. (Periodic) Verify inserts, sleeves, and blockouts for mechanical, electrical, and plumbing work are installed at proper locations and sizes.
 - f. (Periodic) Verify expansion joint blockouts are set at proper location and size.
 - g. (Periodic) Verify all embedded items are clean, properly located, anchored to forms, and have correct anchorage into concrete.
4. Anchoring Devices
 - a. (Periodic) Verify placement of headed bolts and studs cast into concrete.
 - b. (Periodic) Inspect all mechanical splices, terminators, and anchors for proper installation and torque.
5. Concrete placement, including conveying and depositing.
 - a. (Continuous) Verify proper application and placement techniques.
 - b. (Continuous) Verify forms are clean and free of all construction debris prior to placement.
 - c. (Continuous) Verify water has not been added at the job site without specific approval as noted above.
 - d. (Continuous) Verify placement does not displace reinforcing or tendons, and that pump lines are independently supported.
 - e. (Continuous) Verify concrete has been properly consolidated to eliminate voids and honeycombing, especially in areas of reinforcing congestion and tendon anchorage. Verify that vibrators are not laid on tendons and reinforcing.
 - f. (Continuous) Verify use of appropriate hot-weather and/or cold-weather concreting practices.
6. Curing procedures and maintenance of curing temperature.
 - a. (Continuous) Verify application of approved curing methods.
 - b. (Periodic) Verify water has not been sprayed directly on concrete surface during fogging operations.

- c. (Periodic) Daily until completion of curing period, verify maintenance of proper curing procedures and temperature.
 - d. (Continuous) During cold weather concreting, install (or verify installation by contractor) appropriate sensors and monitor temperature during curing and after stripping for compliance with ACI 306.
 - e. (Continuous) For mass concrete, install (or verify installation by contractor) appropriate sensors and monitor temperature during curing and after stripping for compliance with mass concrete requirements of ACI 301.
- 7. (Continuous) Verify that finishing and jointing procedures have been followed in accordance with documents and approved joint shop drawings.
- 8. (Periodic) Verification of concrete strength before removal of shores and forms from beams and slabs.
- 9. Anchors installed into hardened concrete.
 - a. (Periodic) Inspect all mechanical anchors for type, installation procedure, and installation torque.
 - b. (Continuous) Inspect all adhesive anchors for hole cleaning, anchor type, adhesive type, and execution of manufacturer's installation procedures.
- E. Concrete Tests: Testing of composite samples of fresh concrete obtained according to ASTM C 172 shall be performed according to the following requirements:
 - 1. Testing Frequency Obtain one composite sample for each day's pour of each concrete mixture of initial 25 cu. yd. (19 cu. m) or less, plus one set for each additional 50 cu. yd. (38 cu. m) or fraction thereof.
 - a. When frequency of testing will provide fewer than five compressive-strength tests for each concrete mixture, testing shall be conducted from at least five randomly selected batches or from each batch if fewer than five are used.
 - 2. Slump: ASTM C 143/C 143M; one test at point of placement for each composite sample, but not less than one test for each day's pour of each concrete mixture. Perform additional tests when concrete consistency appears to change.
 - 3. Air Content: ASTM C 231, pressure method, for normal-weight concrete; one test for each composite sample, but not less than one test for each day's pour of each concrete mixture.
 - 4. Concrete Temperature: ASTM C 1064/C 1064M; one test hourly when air temperature is 40 deg F (4.4 deg C) and below and when 80 deg F (27 deg C) and above, and one test for each composite sample.
 - 5. Compression Test Specimens: ASTM C 31/C 31M.
 - a. A set of standard cylinders / specimens is defined as follows:
 - i. Three for 4-inch diameter x 8-inch long cylinders.
 - ii. Cylinder diameter shall not be less than three times the nominal maximum size of coarse aggregate in the mix tested.
 - b. Cast and laboratory cure two sets of standard cylinder specimens for each composite sample.

- c. Cast and field cure two sets of standard cylinder specimens for each composite sample.
Field cured cylinders must be cast, cured, and protected in a manner that is representative of and simulates the in-place concrete for the representing elements being cast. Curing field-cured cylinders in an insulated box on site is not acceptable.
- d. The contractor may request casting and testing additional sets of cylinders for testing at other concrete age, at his discretion, use, and cost.
- 6. Compressive-Strength Tests: ASTM C 39/C 39M;
 - a. Test one set of laboratory-cured specimens at 7 days and one set at 28 days.
 - b. Test one set of field-cured specimens at 7 days and one set at 28 days.
 - c. A strength test shall be the average compressive strength from a set of specimens obtained from same composite sample and tested at age indicated.
- 7. When strength of field-cured cylinders is less than 85 percent of companion laboratory-cured cylinders:
 - a. Contractor shall evaluate operations and provide corrective procedures for protecting and curing in-place concrete.
 - b. Concrete representative of the low strength field cured cylinders must be further tested and evaluated as directed or approved by the Architect.
- 8. Strength of each concrete mixture will be satisfactory if every average of any three consecutive 28-day strength tests equals or exceeds specified compressive strength and no strength test value falls below specified compressive strength by more than 500 psi (3.4 MPa).
- 9. Test results shall be reported in writing to the Architect, concrete manufacturer, and Contractor within 48 hours of testing. Reports of strength tests shall contain Project identification name and number, date of concrete placement, name of concrete testing and inspecting agency, location of concrete batch in Work, design compressive strength at 28 days, concrete mixture proportions and materials, compressive breaking strength, and type of break for both 7- and 28-day tests.
- 10. Non-destructive Testing: Windsor probes, Swiss hammer, or other nondestructive device may be permitted by Architect to establish areas of low strength, but will not be used as a basis for approval of concrete.
- 11. Additional Tests: Testing and inspecting agency shall make additional sets of specimens and other tests of concrete when test results indicate that slump, air entrainment, compressive strengths, or other requirements have not been met, and as directed by the Architect.
- 12. Testing and inspecting agency may conduct tests to determine adequacy of concrete by cored cylinders complying with ASTM C 42/C 42M or by other methods as directed by Architect.
- 13. Any additional testing, inspections, and engineering to evaluate compliance of questionable concrete with project requirements shall be at Contractor's expense.
- 14. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

15. Correct deficiencies in the Work that test reports and inspections indicate do not comply with the Contract Documents.
- F. Measure floor and slab flatness and levelness according to ASTM E 1155 (ASTM E 1155M) within 48 hours of finishing.

END OF SECTION 033000

SECTION 088813 - FIRE-RATED GLAZING --ADD-01--

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Fire-protection-rated glazing.

1.2 DEFINITIONS

- A. Fire-Protection-Rated Glazing: Glazing that prevents spread of fire and smoke and complies with requirements for rated openings; incapable of blocking radiant heat
- B. Fire-Resistance-Rated Glazing: Glazing that prevents spread of fire and smoke and radiant heat and complies with requirements for rated walls and rated openings; capable of blocking radiant heat
- C. Glass Manufacturers: Firms that produce primary glass, fabricated glass, or both, as defined in referenced glazing publications.
- D. Glass Thicknesses: Indicated by thickness designations in millimeters in accordance with ASTM C1036.

1.3 COORDINATION

- A. Coordinate glazing channel dimensions to provide necessary bite on glass, minimum edge and face clearances, and adequate sealant thicknesses, with reasonable tolerances.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Glass Samples: For each type of glass product; 12 inches square.
- C. Glazing Schedule: List glass types and thicknesses for each size opening and location. Use same designations indicated on Drawings.

1.5 INFORMATIONAL SUBMITTALS

- A. Product Certificates: For each type of glass and glazing product.
- B. Sample Warranties: For special warranties.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs glass installers for this Project who are certified under the NGA's Certified Glass Installer Program.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect glazing materials in accordance with manufacturer's written instructions. Prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.

1.8 FIELD CONDITIONS

- A. Environmental Limitations: Do not deliver or install fire-resistant glazing until spaces are enclosed and weathertight and temporary HVAC system is operating and maintaining ambient temperature conditions at occupancy levels during remainder of construction period.

1.9 WARRANTY

- A. Manufacturer's Special Warranty for Laminated Glass: Manufacturer agrees to replace laminated-glass units that deteriorate within specified warranty period. Deterioration of laminated glass is defined as defects developed from normal use that are not attributed to glass breakage or to maintaining and cleaning laminated glass contrary to manufacturer's written instructions. Defects include edge separation, delamination materially obstructing vision through glass, and blemishes exceeding those allowed by referenced laminated-glass standard.

- 1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SOURCE LIMITATIONS

- A. Glass: For each glass type, obtain from single source from single manufacturer.
- B. Glazing Accessories: For each product and installation method, obtain from single source from single manufacturer.

2.2 PERFORMANCE REQUIREMENTS

- A. General: Installed glazing systems shall withstand normal thermal movement and impact loads (where applicable) without failure, including loss or glass breakage attributable to defective manufacture, fabrication, or installation; deterioration of glazing materials; or other defects in construction.

2.3 GLASS PRODUCTS, GENERAL

- A. Glazing Publications: Comply with published recommendations of glass product manufacturers and organization below unless more stringent requirements are indicated. See these publications for glazing terms not otherwise defined in this Section or in referenced standards.
 - 1. NGA Publications: "Laminated Glazing Reference Manual" and "Glazing Manual."
- B. Safety Glazing Labeling: Where safety glazing is indicated, permanently mark glazing with certification label of the SGCC or another certification agency acceptable to authorities having jurisdiction. Label shall indicate manufacturer's name, type of glass, glass thickness, and safety glazing standard with which glass complies.

2.4 GLASS PRODUCTS

- A. Laminated Glass: ASTM C1172. Use materials that have a proven record of no tendency to bubble, discolor, or lose physical and mechanical properties after fabrication and installation.
 - 1. Construction: Laminate glass with polyvinyl butyral interlayer unless fire-protection or fire-resistance rating is based on another product.
 - 2. Interlayer Thickness: Provide thickness as needed to comply with requirements.
 - 3. Interlayer Color: Clear unless otherwise indicated.

2.5 FIRE-PROTECTION-RATED GLAZING

- A. General: Listed and labeled by a testing agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on positive-pressure testing in accordance with NFPA 257 or UL 9, including hose-stream test, and shall comply with NFPA 80.
 - 1. Fire-protection-rated glazing required to have a fire-protection rating of 20 minutes shall be exempt from hose-stream test.
- B. Fire-Protection-Rated Glazing Labeling: Permanently mark fire-protection-rated glazing with certification label of a testing agency acceptable to authorities having jurisdiction. Label shall indicate manufacturer's name; test standard; whether glazing is permitted to be used in doors or openings; if permitted in openings, whether glazing has passed hose-stream test; whether glazing meets 450 deg F temperature-rise limitation; and fire-resistance rating in minutes.
- C. Fire-Protection-Rated Laminated Ceramic Glazing: Laminated glass made from two plies of clear, ceramic glass; 8-mm total thickness; complying with 16 CFR 1201, Category II.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide TGP FirelitePLUS or comparable product by one of the following:
 - a. McGrory Glass, Inc.
 - b. Schott North America, Inc.
 - c. Technical Glass Products; an Allegion brand.
 - d. Vetrotech Saint-Gobain.

2.6 GLAZING ACCESSORIES

- A. Provide glazing gaskets, glazing sealants, glazing tapes, setting blocks, spacers, edge blocks, and other glazing accessories that are compatible with glazing products and each other and are approved by testing agencies that listed and labeled fire-resistant glazing products with which products are used for applications and fire-protection ratings indicated.
- B. Glazing Sealants for Fire-Rated Glazing Products: Neutral-curing silicone glazing sealant complying with ASTM C920, Type S, Grade NS, Class 50, Use NT. Comply with sealant and glass manufacturers' written instructions for selecting glazing sealants suitable for applications indicated.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. GE Construction Sealants; Momentive Performance Materials Inc.
 - b. The Dow Chemical Company.
 - c. Tremco Incorporated.
 - 2. Sealant shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
 - 3. Colors of Exposed Glazing Sealants: As selected by Architect from manufacturer's full range of industry colors.
- C. Back-Bedding Mastic Glazing Tapes: Preformed, butyl-based, 100 percent solids elastomeric tape; nonstaining and nonmigrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; and complying with ASTM C1281 and AAMA 800 for products indicated below:
 - 1. AAMA 806.3 tape, for glazing applications in which tape is subject to continuous pressure.
 - 2. AAMA 807.3 tape, for glazing applications in which tape is not subject to continuous pressure.
- D. Expanded Cellular Glazing Tapes: Closed-cell, PVC foam tapes; factory coated with adhesive on both surfaces; and complying with AAMA 800 for the following types:
 - 1. AAMA 810.1, Type 1, for glazing applications in which tape acts as primary sealant.
 - 2. AAMA 810.1, Type 2, for glazing applications in which tape is used in combination with a full bead of liquid sealant.

2.7 MISCELLANEOUS GLAZING MATERIALS

- A. General: Provide products of material, size, and shape complying with referenced glazing standard, recommended in writing by manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.
- B. Cylindrical Glazing Sealant Backing: ASTM C1330, Type O (open-cell material), of size and density to control glazing sealant depth and otherwise produce optimum glazing sealant performance.
- C. Perimeter Insulation for Fire-Resistance-Rated Glazing: Product that is approved by testing agency that listed and labeled fire-resistant glazing product with which it is used for application and fire-protection rating indicated.

2.8 FABRICATION OF GLAZING UNITS

- A. Fabricate glazing units in sizes required to fit openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing publications, to comply with system performance requirements.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine framing, glazing channels, and stops, with Installer present, for compliance with manufacturing and installation tolerances, including those for size, squareness, and offsets at corners, and for compliance with minimum required face and edge clearances.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings not firmly bonded to substrates.
- B. Examine glazing units to locate fire side and protected side. Label or mark units as needed so that fire side and protected side are readily identifiable. Do not use materials that leave visible marks in the completed Work.

3.3 GLAZING, GENERAL

- A. Use methods approved by testing agencies that listed and labeled fire-resistant glazing products.

- B. Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials unless more stringent requirements are indicated, including those in referenced glazing publications.
- C. Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass is glass with edge damage or other imperfections that, when installed, could weaken glass and impair performance and appearance.
- D. Apply primers to joint surfaces where required for adhesion of sealants, as determined by preconstruction testing.
- E. Install setting blocks in sill rabbets, sized and located to comply with referenced glazing publications unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead.
- F. Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.
- G. Provide spacers for glass lites where length plus width is larger than 50 inches.
 - 1. Locate spacers directly opposite each other on both inside and outside faces of glass. Install correct size and spacing to preserve required face clearances unless gaskets and glazing tapes are used that have demonstrated ability to maintain required face clearances and to comply with system performance requirements.
 - 2. Provide 1/8-inch- minimum bite of spacers on glass and use thickness equal to sealant width. With glazing tape, use thickness slightly less than final compressed thickness of tape.
- H. Provide edge blocking where indicated or needed to prevent glass lites from moving sideways in glazing channel, as recommended in writing by glass manufacturer and in accordance with requirements in referenced glazing publications.
- I. Set glass lites with proper orientation so that coatings face fire side or protected side as specified.
- J. Where wedge-shaped gaskets are driven into one side of channel to pressurize sealant or gasket on opposite side, provide adequate anchorage so gasket cannot walk out when installation is subjected to movement.
- K. Square cut wedge-shaped gaskets at corners and install gaskets in a manner recommended by gasket manufacturer to prevent corners from pulling away; seal corner joints and butt joints with sealant recommended in writing by gasket manufacturer.

3.4 TAPE GLAZING

- A. Position tapes on fixed stops so that, when compressed by glass, their exposed edges are flush with or protrude slightly above sightline of stops.

- B. Install tapes continuously, but not necessarily in one continuous length. Do not stretch tapes to make them fit opening.
- C. Cover vertical framing joints by applying tapes to heads and sills first and then to jambs. Cover horizontal framing joints by applying tapes to jambs and then to heads and sills.
- D. Place joints in tapes at corners of opening with adjoining lengths butted together, not lapped. Seal joints in tapes with compatible sealant approved by tape manufacturer.
- E. Do not remove release paper from tape until right before each glazing unit is installed.
- F. Apply heel bead of elastomeric sealant.
- G. Center glass lites in openings on setting blocks and press firmly against tape by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings.
- H. Apply cap bead of elastomeric sealant over exposed edge of tape.

3.5 GASKET GLAZING (DRY)

- A. Cut compression gaskets to lengths recommended by gasket manufacturer to fit openings exactly, with allowance for stretch during installation.
- B. Insert soft compression gasket between glass and frame or fixed stop, so it is securely in place with joints miter cut and bonded together at corners.
- C. Installation with Drive-in Wedge Gaskets: Center glass lites in openings on setting blocks and press firmly against soft compression gasket by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings.
- D. Install gaskets so they protrude past face of glazing stops.

3.6 SEALANT GLAZING (WET)

- A. Install continuous spacers, or spacers combined with cylindrical sealant backing, between glass lites and glazing stops to maintain glass face clearances. Secure spacers or spacers and backings in place and in position to control depth of installed sealant relative to edge clearance for optimum sealant performance.
- B. Force sealants into glazing channels to eliminate voids and to ensure complete wetting or bond of sealant to glass and channel surfaces.
- C. Tool exposed surfaces of sealants to provide a substantial wash away from glass.

3.7 CLEANING AND PROTECTION

- A. Immediately after installation, remove nonpermanent labels and clean surfaces.
- B. Protect glass from contact with contaminating substances resulting from construction operations. Examine glass surfaces adjacent to or below exterior concrete and other masonry surfaces at frequent intervals during construction, but not less than once a month, for buildup of dirt, scum, alkaline deposits, or stains.
 - 1. If, despite such protection, contaminating substances do contact with glass, remove substances immediately as recommended in writing by glass manufacturer.
- C. Remove and replace glass that is damaged during construction period.
- D. Wash glass on both exposed surfaces not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended in writing by glass manufacturer.

END OF SECTION

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NOTE	
AD3	DEMO (E) DOOR(S) AND FRAMES, SALVAGE DOWR HARDWARE AND RETURN TO OWNER.
AD6	DEMO (E) FLOOR FINISHES, WALL BASE, AND ADHESIVES DOWR TO THE STRUCTURAL SLAB BELOW FOR EXISTING CHANGING TO RESUME PROPOSED FINISHES.
AD7	DEMO (E) FLOOR MOUNTED GUARDRAIL AND WALL MOUNTED HANDRAIL.
AD13	DEMO (E) DRINKING FOUNTAIN CAP AND SEAL CONNECTIONS.
AD14	DEMO (E) WALLS.
AD16	DEMO (E) DRYWALL & WOOD TRIMMING ON EXTERIOR KNEE WALL UNDER CURTAINWALL SILL.
AD17	PREPARE FOR NEW WORK, SEE A-503.
AD27	DEMO (E) DRYSWALL AND PREPARE CAP FOR INSULATION AND FURRING. SEE A-503.
AD39	REMOVE (E) COLUMN CAP CAREFULLY & TEMPORARILY STORE FOR MODIFICATION AND REINSTALLATION.
AD40	REMOVE (E) ALUM WALL PARTITION DOWR CAP CAREFULLY & TEMPORARILY STORE FOR MODIFICATION AND REINSTALLATION.
AD42	DEMO (E) DRINKING FOUNTAIN CAP IN PREPARATION OF REPLACEMENT DRINKING FOUNTAIN.

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AREAS NOT IN CONTRACT

GENERAL CONTRACTOR TO COORDINATE SCHEDULING ALL WORK WITH OWNER.

2. WORK LABELED IN(1) OR OTHERWISE NOT NOTED IS NOT IN CONTRACT FOR ANY ARCHITECTURAL IMPROVEMENTS.

3. THE GENERAL CONTRACTOR AND THEIR SUBCONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS WITH CONDITIONS SHOWN IN THE CONTRACT DOCUMENTS AND SHALL REPORT ANY DEVIATIONS, DISCREPANCIES AND/OR CONFLICTS TO ARCHITECT AND OWNER.

4. THE GENERAL CONTRACTOR & SUBCONTRACTOR SHALL TAKE EXTREME CARE DURING DEMOLITION NOT TO DAMAGE OR DISTURB ANY EXISTING CONDITIONS THAT ARE TO REMAIN. REMOVAL OF ANY ITEM OR SUBCONTRACTOR SHALL REPAIR ANY DAMAGE OR DISTURBANCE TO EXISTING CONDITIONS AT NO COST TO THE OWNER.

5. PROVIDE PROTECTION FOR FLOORS, WALLS, CEILING & BUILT-IN FURNITURE AT ALL EXISTING CONDITIONS TO REMAIN, INCLUDING TRAFFIC AREA FOR DEMOLITION REMOVAL, IN COMMON BUILDING AREAS & FREIGHT ELEVATORS. DAMAGED FLOORS, WALLS, CEILINGS & BUILT-IN FURNITURE WILL BE REPLACED @ NO COST TO OWNER.

6. REMOVE ALL WALLS, DOORS AND OTHER ITEMS SHOWN DASHED - FIELD VERIFY CONSTRUCTION ON ALL WALLS TO BE REMOVED - PROVIDE SHORING AND BRACINGS AS REQUIRED.

7. ALL ITEMS WITHIN WALLS TO BE REMOVED ARE NOT SHOWN - FIELD VERIFY EXISTING CONDITIONS AND TEMPORARILY OR PERMANENTLY REMOVE ITEMS AS NECESSARY FOR NEW CONSTRUCTION.

8. REMOVE ALL EXISTING POWER AND ASSOCIATED CONDUIT AND OTHER MISCELLANEOUS ITEMS WHERE INDICATED ON EXISTING WALLS TO BE REUSED. IF REMOVAL WILL DISRUPT CONSTRUCTION OF ANY ITEM OR SUBCONTRACTOR SHALL REPAIR ANY DAMAGE AND ENSURE PROPER FUNCTION IS RESTORED.

9. GENERAL CONTRACTOR TO COORDINATE ABOVEMENT CONSULTANT FOR ANY CONTAMINATED MATERIALS TO BE REMOVED BEFORE WORK TO BEGIN IN THIS AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE REMOVAL OF HAZARDOUS MATERIALS AS REQUIRED TO COMPLETE THE NEW WORK, AND SHALL COORDINATE THESE ACTIVITIES WITH THE OWNER'S REPRESENTATIVE.

10. COORDINATE DEMOLITION AND CONSTRUCTION ACTIVITIES WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF NORMAL DAILY FUNCTIONS WITH OCCUPIED AREAS.

11. KEEP NOISE LEVELS IN HIGH. USE NORMAL NOISE WILL NEED TO BE CONDUCTED DURING OFF HOURS.

12. INSTALL TEMPORARY BARRICADES AND PARTITIONS TO PREVENT INJURY TO PERSONS IN AND AROUND DEMOLITION AND CONSTRUCTION AREAS IN ACCORDANCE WITH OSHA REQUIREMENTS. COORDINATE LOCATIONS AND INSTALLATION WITH OWNER'S REPRESENTATIVE.

13. INSTALL DUST PARTITIONS IN ACCORDANCE WITH FIRE PROTECTION AND EGRESS REQUIREMENTS AND COORDINATE LOCATIONS AND INSTALLATION WITH THE OWNER'S REPRESENTATIVE.

14. UPON REMOVAL OF TEMPORARY PARTITIONS, PATCH DISTURBED EXISTING AREAS TO MATCH EXISTING ADJACENT CONSTRUCTION. IF PAINTING IS REQUIRED, REPAINT ENTIRE WALL TO AVOID MISMATCH OF COLOR.

15. REFER TO SPECIFICATIONS REGARDING: EXISTING CONDITIONS, CUTTING AND PATCHING AND SELECTIVE DEMOLITION REQUIREMENTS THAT APPLY TO ALL WORK KEY NOTES DESCRIBED ON THIS SHEET.

16. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, LANDSCAPE, ETC.) DEMOLITION DRAWINGS FOR ADDITIONAL ITEMS.

17. EXISTING FIRE & SMOKE DETECTION SYSTEMS ARE TO BE PROTECTED FROM DUST AND CONTAMINANT IN AND AROUND THE DEMOLITION AREA.

18. OWNER SHALL REMOVE AND STORE FURNITURE AND MOBILE EQUIPMENT PRIOR TO START OF DEMOLITION. AREAS OF DEMOLITION SHALL BE FREE OF FURNITURE AND MOBILE EQUIPMENT AND ACCESSORIES PRIOR TO START OF WORK.

19. REMOVE STAPLES, NAILS AND SCREWS FROM WALLS TO REMAIN, TEMPORARY THROUGHOUT.

20. REMOVE ALL FLOORING INCLUDING ADHESIVES, SETTING MATERIALS, TRANSITION MATERIALS, ETC. AND RUBBER WALL BASE. PROTECT WALLS FROM DAMAGE.

21. DASHED LINES INDICATE WALLS AND ITEMS TO BE REMOVED. REFER TO A-10 FOR A GRAPHIC LEGEND.

22. THE ITEMS IDENTIFIED TO BE REMOVED REPRESENT THE MAJOR ITEMS ONLY AND IN NO WAY TRY TO PROTECT IDENTIFY ALL PIECES AND PARTS ASSOCIATED TO BE CAUTION.

23. PROTECT EXISTING CONSTRUCTION SHOWN AS REMAINING. USE REMOVED WHEN REMOVING PARTITIONS, CEILINGS, AND OTHER CONSTRUCTION ADJACENT TO COLUMNS, BEAMS, AND OTHER STRUCTURAL ELEMENTS. AVOID DAMAGE TO THE EXISTING STRUCTURE TO REMAIN. REPAIR DAMAGE TO THE EXISTING CONSTRUCTION CAUSED BY WORK UNDER THIS CONTRACT.

24. PROTECT EXISTING ITEMS: EQUIPMENT, DOORS, ETC. INDICATED TO REMAIN IN PLACE FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.

25. THE OWNER SHALL RETAIN SLABAGE THAT IS OF VALUE AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE WILL DIRECT THE CONTRACTOR AS TO THE LOCATIONS OF STORAGE AREA FOR VARIOUS ITEMS.

26. REMOVE WALLS INDICATED TO BE DEMOLISHED FROM FLOOR TO STRUCTURE ABOVE AND INCLUSIVE OF ALL MARKING, ELECTRICAL, EQUIPMENT, ETC. PREPARE ALL DISTURBED AREAS FOR NEW CONSTRUCTION.

27. WHERE PARTIAL DEMOLITION OF A WALL IS REQUIRED, COORDINATE EXTENT AND LOCATION OF REMOVED PORTION WITH NEW CONSTRUCTION PLAN AND FIELD CONDITIONS.

28. AT POINTS OF CONSTRUCTION ACCESS, PROVIDE LABOR AND MATERIALS TO REPAIR ALL DISTURBED ELEMENTS.

29. CLOSE OFF AND PATCH OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION. EQUIPMENT IN RATED DISJUNCTION ELECTRICAL DEVICES, ETC. TO MAINTAIN PROPER FIRE RATING IN PIPING ASSEMBLY. PREPARE PATCHES TO RECEIVE NEW FINISHES AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.

30. FIRESTOP PENETRATIONS IN FIRE RATED AND SMOKE PARTITIONS. IN NON-FIRE-RATED AND SMOKE PARTITIONS, SEAL PENETRATIONS WITH ACOUSTICAL SEALANT AND FILL WITH SOUND ATTENUATION BLANKETS.

31. REVIEW EXISTING WALLS TO REMAIN THAT ARE FIRE-RATED OR SMOKE-TIGHT, AND NOTIFY THE TEAM LEAD OF ANY PENETRATIONS WITHOUT APPROPRIATE CLOSURE ASSEMBLIES OR DUCTS WITHOUT FIRE-SMOKE DAMPERS.

32. COORDINATE WITH MEP REQUIREMENTS FOR CONDITIONS THAT WILL DISTURB EXISTING CONDITIONS AND WHICH WILL REQUIRE SELECTIVE DEMOLITION, CUTTING AND PATCHING, AND FINISHING OUTSIDE OF THAT SHOWN ON THE DRAWINGS.

33. REMOVE PORTIONS OF WATER DAMAGED WALLS AND CEILINGS AS REQUIRED TO ALIGN WITH PROPOSED OR EXISTING ADJACENT FINISHES AS DESCRIBED IN CONTRACT DOCUMENTS.

34. COORDINATE WITH OWNER TO IDENTIFY WHICH FURNITURE WILL BE REMOVED TO STORE AND WHICH WILL BE TO DISPOSE.

35. ALL CURTAIN WALL-COLUMN GLASS CAPS ARE ETR. UNO. REMOVE AND REINSTALL WHERE NEEDED.

36. FOR DEMOLITION OF DOORS ON ALTERNATE #4. SEE DOOR SCHEDULE ON SHEET A-601 & A-602

NUM.	NOTE
AD3	DEMO (E) DOOR(S) AND FRAMES. SALVAGE DOOR HARDWARE AND RETURN TO OWNER.

Checked By: MF

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A-201	AD.1R1	1/8" = 1'-0"
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- Roofing Contractor to partially remove and patch at temp wall along the new crestory. Library project CMAR will provide a temporary structure around the new crestory opening to set the new Monumental Stair and to build the New Crestory.
- Roofing Contractor to partially remove and patch around the new AHU-L1 Roof Curb. Library project CMAR will furnish and install the new roof curb to support the new Library project unit. Roofing Replacement Contractor to remove and patch existing roof to allow for installation of the new unit.
- Roofing Contractor to partially remove and patch around new MEP Curb and patch at new MEP Curb.
- Roofing Contractor to partially remove and patch around new Roof Drains serving the Library. New roof drains will need to be installed before the entire Library Roof is replaced.

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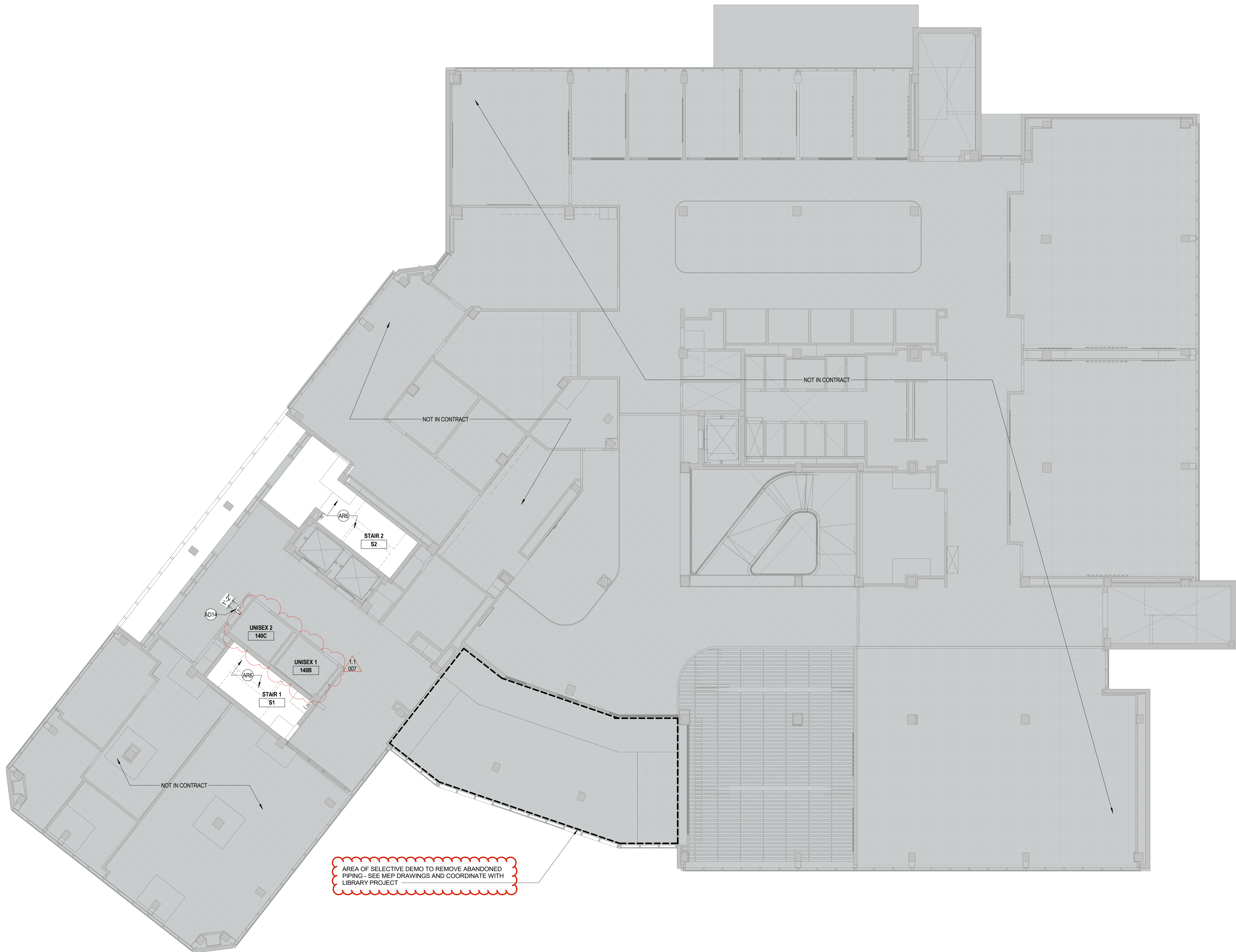
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E

THE LINE SHOWN ABOVE IS
EXACTLY ONE INCH LONG AT THE
SHRINKY OVERLAY PAGE SIZE.

THE SQUARES ABOVE ARE COLOR WITH BLACK
AND WHITE LETTERS. IF PRINTED CORRECTLY

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A-201	AQ.101	1/8" = 1'-0"
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A

 AREAS NOT IN CONTRACT

1. DIMENSIONS INDICATED ARE TO FACE OF GYPSUM BOARD OF PARTITION OR WALL AND GRID LINES, UNO.
2. ALL DOOR FRAMES TO BE LOCATED 4" FROM PERPENDICULAR WALL, UNO.
3. ALL INTERIOR STUD PARTITIONS TO BE TYPE M&G UNO WITH A 26 GAUGE STUD UNO. ALL INTERIOR STUD PARTITIONS GO UP TO STRUCTURE WITH AN EXPANSION HEAD UNO. CONCRETE COLUMN FURNISH TO BE EACH UNO. ALL WALL ANGLES ARE 90° TO EACH OTHER UNO.
4. REFER TO FINISH PLANS FOR FLOOR FINISH PATTERNS.
5. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
6. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
7. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
8. PROVIDE STRAP STEEL METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK ETC.
9. PROVIDE PAINTED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS/VALVES, CONTROLS, SWITCHES AND ANY OTHER ITEM THAT REQUIRES ACCESS. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
10. AT GANGE TOILETS, SET FLOOR DRAIN IN A 24" HAW TROVELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION, 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION. VERIFY FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
11. SLOPE & COORDINATE ALL REQUIREMENTS FOR OWNERS FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFERE WITH SUCH ITEMS.
12. PROVIDE PAINTED HINGED ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GO TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.
13. ASSUME NEW ADA COMPLIANT ROOM SIGNAGE AT ALL NEW DOOR LOCATIONS TO MATCH COLLEGE STANDARDS.
14. WALLS TO BE ASSOCIATED AS REQUIRED FOLLOWING PIPING OR CONDUIT INSTALLATION AND REPAIRS TO PENETRATIONS, INCLUDING AREAS DESIGNATED AS "NOT IN CONTRACT" - REFER TO CONSULTANT DRAWINGS FOR SPECIFIC LOCATIONS.
15. FOR DOORS ON ALTERNATE #4, SEE DOOR SCHEDULE O (SHEET A601 & A.602).

NUM.	NOTE
A	ARCHITECTURAL PLAN NOTE
A28	CONTINUOUS WALL-MOUNTED PTD STL HANDRAIL
A29	CONTINUOUS PTD STL TUBE GUARDRAIL AND PTD STL HANDRAIL
A30	PATCH & REPAIR WALL. ALIGN TO EXISTING AND MATCH FINISH.

Project Number:	225012.00
Drawn By:	FT
Checked By:	MF

08/29/2025
PERMIT & BID SET

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A-201	A.10G	1/8" = 1'-0"
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4

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AREAS NOT IN CONTRACT

1. DIMENSIONS INDICATED ARE TO FACE OF GYPSUM BOARD OF PARTITION OR WALL AND GRID LINES, UNO.
2. ALL DOOR FRAMES TO BE LOCATED 4" FROM PERPENDICULAR WALL, UNO.
3. ALL INTERIOR STUD PARTITIONS TO BE TYPE M&G STUD WITH A 25 GAUGE STUD UNO. ALL INTERIOR STUD PARTITIONS GO UP TO 2" STRUCTURE WITH AN EXPANSION HEAD UNO. CONCRETE COLUMN FURNISHING TO BE MOFC UNO. ALL ANGLES ARE 90° TO EACH OTHER UNO.
4. REFER TO FINISH PLANS FOR FLOOR FINISH PATTERNS.
5. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
6. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
7. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
8. PROVIDE STRAP SHEET METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
9. PROVIDE PAINTED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS (W/YES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
10. AT GANG TOLLETS, SET FLOOR DRAIN IN A 24" HAND TROWELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION, 14" BELOW SURROUNDING TOP OF SLAB ELEVATION. SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOLLET PARTITIONS.
11. VERIFY & COORDINATE ALL REQUIREMENTS FOR FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFERE WITH SUCH ITEMS.
12. PROVIDE PAINTED HINGED ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS WALL CONTROL SWITCHES, AND OTHER ITEMS THAT REQUIRES ACCESS. GO TO DETERMINE ACCESS PANEL LOCATION W/ ARCHITECT PRIOR TO INSTALLATION.
13. ASSUME NEW ADA COMPLIANT ROOM SIGNAGE AT ALL NEW DOOR LOCATIONS TO MATCH COLOR STANDARDS.
14. WALLS TO BE PREPARED AS REQUIRED FOLLOWING PIPING OR CONDUIT INSTALLATION AND ASSOCIATED PENETRATIONS, INCLUDING AREAS DESIGNATED AS "NOT IN CONTRACT." REFER TO CONSULTANT DRAWINGS FOR SPECIFIC LOCATIONS.
15. FOR DOORS ON ALTERNATE 4A, SEE DOOR SCHEDULE ON SHEET A.601 & A.602.

NUM.	NOTE
A	ARCHITECTURAL PLAN NOTE 009
A28	CONTINUOUS WALL-MOUNTED PTD STL HANDRAIL
A29	CONTINUOUS PTD STL TUBE GUARDRAIL AND PTD STL HANDRAIL
A30	PATCH & REPAIR WALL. ALIGN TO EXISTING AND MATCH FINISH.
A31	PATCH & REPAIR CMU WALL. MATCH FINISH OF WALL TO ADJACENT WALL WITH RAILING INSTALLATION. TYP.

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A-201	A.101	1/8" = 1'-0"
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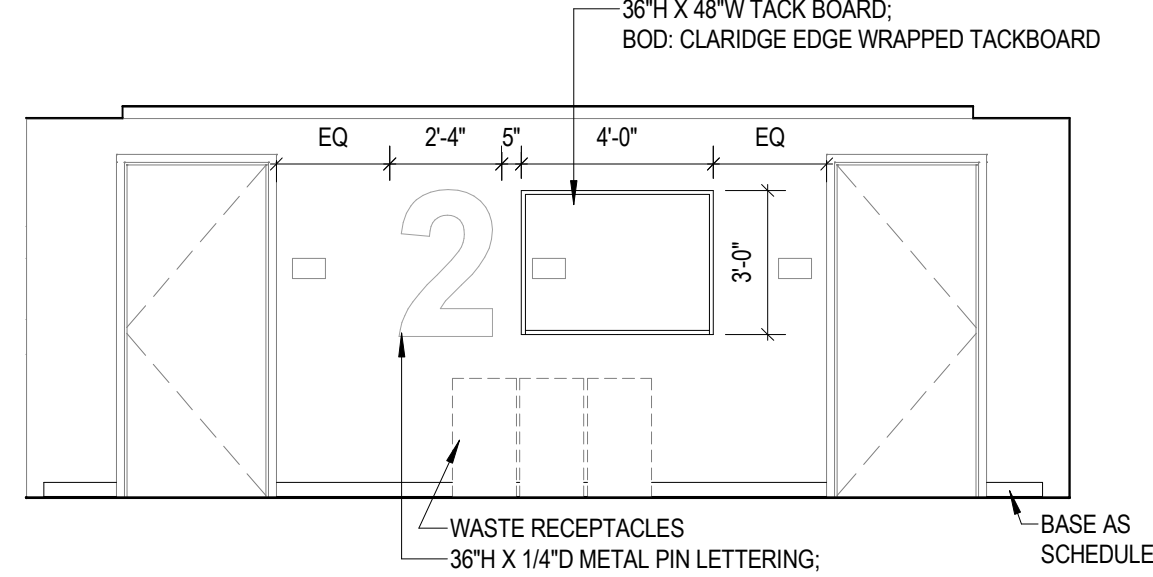
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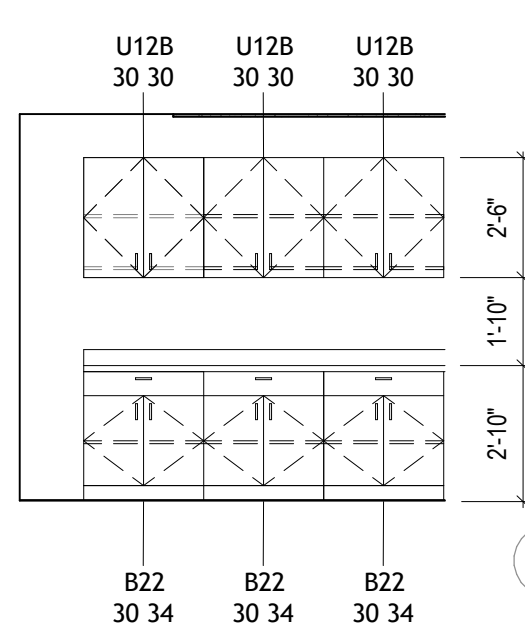
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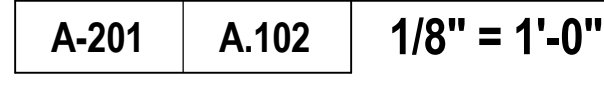
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A.102	A.102	$1/4" = 1'-0"$
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A.102	A.102	1/4" = 1'-0"
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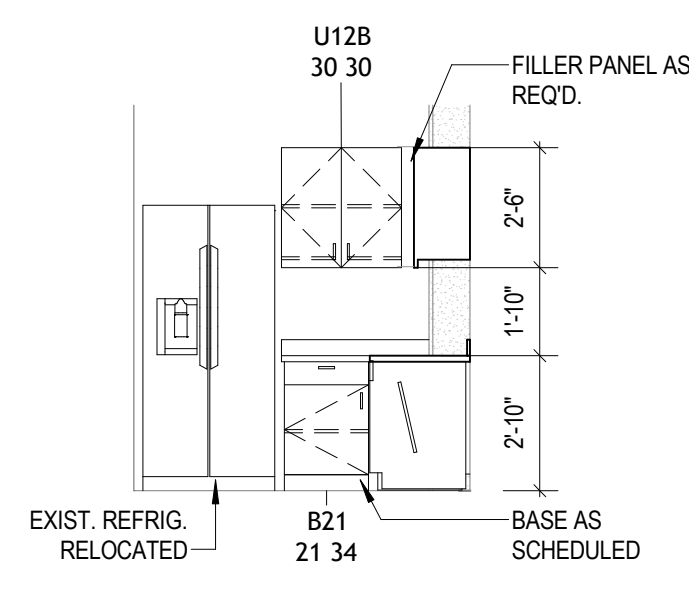
AREAS NOT IN CONTRACT

1. DIMENSIONS INDICATED ARE TO FACE OF GYPSUM BOARD OF PARTITION OR WALL, AND GRID LINE, UNDO.
2. ALL DOOR FRAMES TO BE LOCATED 4" FROM PERPENDICULAR WALL, UNDO.
3. ALL INTERIOR STUD PARTITIONS TO BE TYPE M&G UNDO, WITH A 25 GAUGE STUD UNDO. ALL INTERIOR STUD PARTITIONS GO UP TO STRUCTURE WITH AN EXPANSION HEAD UNDO. CONCRETE COLUMN FURNISHING TO BE MFCP UNDO, ALL WALL ANGLES ARE 90° TO EACH OTHER UNDO.
4. REFER TO FINISH PLANS FOR FLOOR FINISH PATTERNS.
5. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
6. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
7. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
8. PROVIDE STRAP STEEL METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
9. PROVIDE PANTIED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS (VALVES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS). COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
10. AT GANGE TOILETS, SET FLOOR DRAINS IN A 24" HAND TROWELED DEPRESSION WITH DRAIN ASSEMBLY. LOCATIONS TO BE DETERMINED, 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION, SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
11. PROVIDE A COORDINATE ALL REQUIREMENTS FOR OWNER FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK THAT MAY INTERFERE WITH SUCH ITEMS.
12. PROVIDE PANTIED (UNDO) ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS SO TO DETERMINE ACCESS PANEL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
13. ASSUME NEW, ADA COMPLIANT ROOM SIGNAGE AT ALL NEW DOOR LOCATIONS TO MATCH COLORWAY STANDARDS.
14. WALLS TO BE REPAIRED AS REQUIRED FOLLOWING PLOWING PIPING OR CONDUNIT INSTALLATION AND ASSOCIATED PENETRATIONS, INCLUDING AREAS DESIGNATED AS "NOT IN CONTRACT" - REFER TO CONSULTANT DRAWINGS FOR SPECIFIC LOCATIONS.
15. FOR DOORS ON ALTERNATE #4, SEE DOOR SCHEDULE ON SHEET A-601 & A-602.

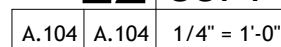
NUM.	NOTE
A6	PROVIDE BLOCKING WITHIN PARTITION WALL AT EQUIPMENT MOUNTING HEIGHT. SEE A-054
A17	MODIFY EXISTING EXTRUDED ALUMINUM COLUMN/WALL TO MULTILION GAP-CAP TO FIT AROUND KNEE-WALL & SILL CAP. SEE D1/A-503
A25	KNEE-WALL WITH INSULATION. SEE A3/A-503
A28	CONTINUOUS WALL-MOUNTED PTD STL HANDRAIL
A29	CONTINUOUS PTD STL TUBE GUARDRAIL AND PTD STL HANDRAIL
A32	REFER TO SHEET A-402 FOR ALTERNATE #4.
A33	MOVE UP EXIST. DROP BOX TO 48" AFF. TO MEET ADA.

Checked By: MF

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E2 COPY ROOM 428 - REF. WALL



A

F THE SQUARES ABOVE ARE COLOR, WITH BLACK AND WHITE LETTERS, IF PRINTED CORRECTLY

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS

A-201	A.104	1/8" = 1'-0"
-------	-------	--------------

6

AREAS NOT IN CONTRACT

1. DIMENSIONS INDICATED ARE TO FACE OF GYPSUM BOARD FOR PARTITION OR WALL AND GRID LINES, UNLESS NOTED.
2. ALL DOOR FRAMES TO BE LOCATED 4" FROM PERPENDICULAR WALL, UNLESS NOTED.
3. ALL INTERIOR STUD PARTITIONS TO BE TYPE M&G UNLESS WITH A 26 GAUGE STUD UNLESS NOTED. ALL INTERIOR PARTITIONS 80' UP TO 10' TO STRUCTURE WITH A EXPANSION HEAD UNLESS NOTED. CONCRETE COLUMN FURNISHING TO BE MFC UNLESS NOTED. ALL WALL ANGLES ARE 90° TO EACH OTHER UNLESS NOTED.
4. REFER TO FINISH PLANS FOR FLOOR FINISH PATTERNS.
5. REFER TO FINISH PLANS FOR VISUAL DISPLAY UNIT TYPES, SIZES, AND LOCATIONS.
6. REFER TO FLOOR DIMENSION PLANS FOR PARTITION IDENTIFICATION AND DIMENSIONS.
7. PROVIDE WOOD BLOCKING AT WALL MOUNTED GRAB BARS AND HAND RAILS.
8. PROVIDE STRAP SHEET METAL BLOCKING AT ALL OTHER WALL MOUNTED ACCESSORIES, EQUIPMENT, CASEWORK, ETC.
9. PROVIDE PARTITIONED ACCESS PANELS IN WALLS & GYPSUM BOARD CEILINGS AT CONCEALED ITEMS: VALVES, CONTROLS, SWITCHES, AND ANY OTHER ITEM THAT REQUIRES ACCESS. COORDINATE LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
10. AT GARG TOILETS, SET FLOOR DRAIN IN A 24" HAWM TROWELED DEPRESSION WITH DRAIN ASSEMBLY IN CENTER OF DEPRESSION, 1/4" BELOW SURROUNDING TOP OF SLAB ELEVATION. SLOPE FLOOR AT DEPRESSION TO ROOMS SO AS NOT TO HAVE DRAINS DIRECTLY UNDER LEGS OF TOILET PARTITIONS.
11. VERIFY & COORDINATE ALL REQUIREMENTS FOR OWNER FURNISHED ITEMS PRIOR TO PERFORMANCE OF WORK TO MAKE SURE THEY WILL INTERFACE WITH SUCH ITEMS.
12. PROVIDE PARTITIONED HINGED ACCESS PANELS IN WALLS & CEILINGS AT CONCEALED ITEMS, SUCH AS VALVES, CONTROLS, SWITCHES OR ANY OTHER ITEMS THAT REQUIRES ACCESS. GO TO DETERMINE ACCESS PANEL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
13. ASSUME NEW ADA COMPLIANT ROOM SIGNAGE AT ALL NEW DOOR LOCATIONS TO MATCH COLLEGE STANDARDS.
14. WALLS TO BE REPAIRED AS REQUIRED FOLLOWING PIPING OR CONDUNIT INSTALLATION AND ASSOCIATED PENETRATIONS, INCLUDING AREAS DESIGNATED AS NOT IN CONTRACT - REFER TO CONSULTANT DRAWINGS FOR SPECIFIC LOCATIONS.
15. FOR DOORS ON ALTERNATE #4, SEE DOOR SCHEDULE L (SEE SHEET A.1 AND A.6.2).

NUM.	NOTE
A5	MILL/WORK
A6	PROVIDE BLOCKING WITHIN PARTITION WALL AT EQUIPMENT MOUNTING HEIGHT. SEE A-054
A17	PROVIDE EXISTING EXTRUDED ALUMINUM COLUMN/WALL TO MILLION GAP-CAP AT FLOOR KNEE-WALL & SILL CAP. SEE D1/A-603
A25	KNEE-WALL WITH INSULATION. SEE A3/A-503
A28	CONTINUOUS WALL-MOUNTED PTD STL HANDRAIL
A29	CONTINUOUS PTD STL TUBE GUARDRAIL AND PTD STL HANDRAIL

STRUCTURAL ENGINEER
A + F ENGINEERS, INC.
1112 16TH ST NW UNIT 520
WASHINGTON, DC 20036
202.628.1600

FPME ENGINEER
JAMES POSEY ASSOCIATES INC
11156 RED RUN BLVD,
OWINGS MILLS, MD 21117
410.265.6100

AVI / ITI ACOUSTICS ENGINEER
CTDG, INC.
6501 YORK ROAD
BALTIMORE, MD 21212
410.532.2396

MC PROJECT # FP24-021 / BUILDING # 206

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER: _____
EXPIRATION DATE: _____

Checked By: MI

NOT FOR CONSTRUCTION

08/29/2025
PERMIT & BID SET

©Hard Core Law, Inc.

A

 AREAS NOT IN CONTRACT

1. TAPERED INSULATION REQUIRED AROUND ALL ROOF TOP EQUIPMENT
2. WALK WAY PADS TO BE PROVIDED AROUND ALL MECHANICAL ITEMS THAT REQUIRE SERVICE AND BETWEEN ROOF MATCHES AND ROOF LADDERS
3. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL ROOF EQUIPMENT AND PENETRATIONS.
4. 5" CONCRETE HOUSEKEEPING PAD AT RTU, REF. MECH FOR LOCATION
5. ROOFING CONTRACTOR TO PARTIALLY REMOVE AND PATCH AT TEMPORARY WALLS AROUND THE NEW CRESTORY LIBRARY PROJECT CMAR WILL PROVIDE A TEMPORARY STRUCTURE AROUND THE NEW CRESTORY OPENING TO SET THE NEW MONUMENTAL STAIR AND TO BUILD THE NEW CRESTORY
6. ROOFING CONTRACTOR TO PARTIALLY REMOVE AND PATCH AROUND THE NEW AHU-1 ROOF CURB. THE ROOFING PROJECT CMAR WILL FURNISH AND INSTALL THE NEW ROOF CURB TO SUPPORT THE NEW LIBRARY PROJECT AHU-1. ROOFING REPLACEMENT CONTRACTOR TO REMOVE AND PATCH EXISTING ROOF TO ALLOW FOR INSTALLATION OF THE NEW UNIT.
7. ROOFING CONTRACTOR TO PARTIALLY REMOVE AND PATCH AT NEW MEP CURBS
8. ROOFING CONTRACTOR TO PARTIALLY REMOVE AND PATCH AROUND NEW ROOF DRAINS SURROUNDING THE NEW LIBRARY. NEW ROOF DRAINS WILL NEED TO BE INSTALLED BEFORE THE ENTIRE LIBRARY ROOF IS REPLACED.

NUM.	
A	ARCHITECTURAL PLAN NOTE

MC PROJECT # FP24-021 / BUILDING # 206

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

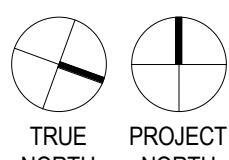
PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NUMBER:
EXPIRATION DATE:

[illegible]

NOT FOR CONSTRUCTION

PERMIT & BID SET

© Hord Coplan Macht, Inc.



A-201	A.1Q1	1/8" = 1'-0"
-------	-------	--------------

- Roofing Contractor to partially remove and patch at new wall along the new crestory. Library project CMAR will provide a temporary structure around the temporary opening to set the new Monumental Stair and to build the New Crestory.
- Roofing Contractor to partially remove and patch around the new AHU-1 Roof Curb. Library project CMAR will furnish and install the new roof curb to support the new Library project unit. Roofing Contractor to remove and patch existing roof to allow for installation of the new unit.
- Roofing Contractor to partially remove and patch at new MEP Curb.
- Roofing Contractor to partially remove and patch around new Roof Drains serving the Library. New roof drains will need to be installed before the entire Library Roof is replaced.

A5		TYPICAL RESTROOM - WALL
A.401		1/4" = 1'-0"



A1 PPHI SUITE DEMOLITION PLAN - ALTERNATE #1

1

A3 PPHI SUITE FLOOR PLAN - ALTERNATE #1



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PN USED	FR USED
TYPE	TYPE
PNL.F.HM	ETR
PNL.F.WD	FRM.001.HM1
PNL.FG.AL	FRM.201.HM1
PNL.FG.HM	
PNL.FG.WD	
PNL.L.WD	
PNL.NP	
PNL.VI.WD	

MARK	THICKNESS	TYPE
GL-1B	DOUBLE PANE	TRANSLUCENT INSULATED GLAZING
GL-2B	DOUBLE PANE	TRANSLUCENT LAMINATED ACOUSTIC INSULATED GLAZING (STC 42+)
GL-1T	SINGLE PANE	CLEAR TEMPERED GLAZING

BASE BID:
EXISTING DOOR PANEL, FRAME & HARDWARE TO REMAIN. SEE ADA REPORT. NON-COMPLIANT HARDWARE TO BE REPLACED.

ALTERNATE #4:
NEW DOOR PANELS, FRAME AND HARDWARE.
SEE HARDWARE SPECIFICATIONS FOR DOORS TO RECEIVE NEW ELECTRIFIED HARDWARE, TO BE INSTALLED IN SAME LOCATIONS IN-KIND.
PATCH & REPAIR ADJACENT DRYWALL AS REQUIRED.

THESE DIMENSIONS AND MATERIALS ARE BASED ON THE ASSUMPTIONS OF THE ARCHITECT AND THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND MATERIALS BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCIES OR CHANGES SHALL BE NOTED AND APPROVED BY THE ARCHITECT BEFORE PROCEEDING.

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ROOM		FIRE RATING (MIN)	SINGLE / PAIR	PANEL TYPE		PANELS				FINISH		FRAME		FINISH		DETAILS		NUMBER	CURRENT REV	GATE FRAME HEIGHT	ALTERNATE #4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NUMBER	NAME			PANEL 1	PANEL 2	WIDTH		TOTAL		THICKNESS	UNDERCUT	PANEL	GLAZING / LOUVER	FRAME	DIMENSIONS		FINISH				GLAZING / LOUVER	HW SET	COMMENTS	TYPE	FINISH	TYPE	FINISH	HW SET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
						PANEL 1	PANEL 2	HEIGHT	WIDTH						HEIGHT	FACE													DEPTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
GROUND LEVEL		90	S	PNL.V1.WD		3'-0"	7'-0"	3'-0"	7'-0"	1 3/4"	0"	ETR	GL-1	ETR	2"	2"	10 5/8"	WHITE PTD HM	NONE		ETR	BASE BID: EXISTING TO REMAIN.	GS1		PNL.V1.WD	WD-1	FRM.001.HM1	BLACK PTD HM	02-ALT4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Revisions:

1) 08/28/2017 - Replaced 'Silkscreened' with 'Frisket Painting' - Huijun Shang

2) 10/10/2019 - Updated fonts - Yuling Mei

3) 02/20/2023 - Added parking lot type "P" signs - Yuling Mei

4) 12/6/2023 - Revised mounting height of signs - Yuling Mei

5) 8/22/2024 - Revised B2 sign and added H6a sign to comply with Clean Indoor Air Act. Signs say "No Smoking or Vaping" - Yuling Mei

6) 9/21/2024 - Retired sign types H4b and H4c, room dedication sign types. - Yuling Mei

7) 4/7/2025 - Added sign type Q1 & H8c; clarified H3, H4d & H9; added "All Gender" symbol - Yuling Mei

8) 5/21/2025 - Revised sign type Q1. Added sign type H4e.

Montgomery College

SIGN SYSTEM MANUAL

Construction intent drawings and specifications outlining exterior and interior sign requirements for the Montgomery College Germantown, Rockville, and Takoma Park/Silver Spring Campuses.

CHAPTER 1

SYSTEM OVERVIEW

- 1.1 Exterior Parking Garage
- 1.2 Interior Parking Garage
- 1.3 Exterior Building
- 1.4 Interior Building

CHAPTER 2

DESIGN STANDARDS

- 2.1 Material Specifications
- 2.5 Color Specifications
- 2.6 Typography
- 2.7 Symbols

CHAPTER 3

SIGN TYPE SPECIFICATIONS

Parking

- 3.01 Sign Type M1
- 3.05 Sign Type M2
- 3.08 Sign Type N1, N2, N3
- 3.10 Sign Type P1
- 3.12 Sign Type P2
- 3.14 Sign Type Q1
- 3.17 Sign Type Q2a, Q2b
- 3.20 Sign Type Q3
- 3.22 Sign Type R1
- 3.24 Sign Type S1
- 3.27 Sign Type R2, S2a
- 3.29 Sign Type S2b
- 3.31 Sign Type T1a, T1b, T1c
- 3.33 Sign Type T2a, T2b
- 3.34 Sign Type U1

Exterior Building

- 3.35 Sign Type A1
- 3.38 Sign Type A2
- 3.40 Sign Type B1
- 3.42 Sign Type B2, B3
- 3.44 Sign Type C1
- 3.47 Sign Type E1a
- 3.50 Sign Type E1b
- 3.53 Sign Type E1c
- 3.57 Sign Type E2
- 3.60 Sign Type E3
- 3.63 Sign Type E3b
- 3.66 Sign Type E4
- 3.69 Sign Type E5

Interior Building

- 3.71 Sign Type H1
- 3.72 Sign Type H2a
- 3.73 Sign Type H2b
- 3.74 Sign Type H3
- 3.75 Sign Type H4a
- 3.76 Sign Type H4b
- 3.77 Sign Type H4c
- 3.78 Sign Type H4d
- 3.79 Sign Type ~~H5~~ H6
- 3.80 Sign Type ~~H6~~ H7
- 3.82 Sign Type H8a
- 3.83 Sign Type H8b
- 3.84 Sign Type H9
- 3.85 Sign Type H10
- 3.86 Sign Type H11
- 3.87 Sign Type J1
- 3.88 Sign Type K1
- 3.89 Sign Type K2
- 3.90 Sign Type L1
- 3.91 Sign Type L2

Montgomery College
SYSTEM OVERVIEW

MONTGOMERY
COLLEGE
TAKOMA PARK/SILVER SPRING

M1 - College ID (Garage Facade)
Scale: 1/8" = 1'

MONTGOMERY COLLEGE
TAKOMA PARK/SILVER SPRING

M2 - College ID (Facing Train Tracks)
Scale: 1/8" = 1'

ENTRANCE
CLEARANCE 6'-6"

N1 - Garage Entrance ID
Scale: 1/2" = 1'



N2 - Exit ID
Scale: 1/2" = 1'



N3 - Pedestrian Entrance ID
Scale: 1/2" = 1'



P1 - Parking Symbol Flag
Scale: 1/2" = 1'

Garage Hours

Mon - Thur	6am-11pm
Fri - Sun	6am-6pm
Sun & Holidays	CLOSED

Registered & Visitor
Permit Parking ONLY

Permits are available in
Student Services Center 117

Violators will be towed at
owner's expense

TELEPHONE: (240) 567-1600

P2 - Large Regulatory
Scale: 1/2" = 1'



Q1 - Vehicular Overhead Directional (Large)
Scale: 1/4" = 1'



Q2a - Vehicular Overhead Directional (Stop Sign)
Scale: 1/4" = 1'



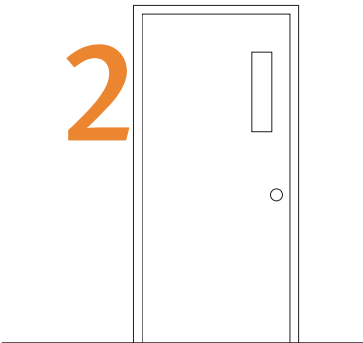
Q2b - Vehicular Overhead Directional (Small)
Scale: 1/4" = 1'



Q3 - Elevator and Stair Area ID
Scale: 1/4" = 1'



R1 - Elevator and Stair ID (Wall Graphic)
Scale: 1/4" = 1'



R2 - Wall Level ID (Occupancy Side)
Scale: 1/4" = 1'



S1 - Level ID and Pedestrian Directional
Scale: 3/4" = 1'



S2a - Stair ID, Occupancy Side
Scale: 3/4" = 1'



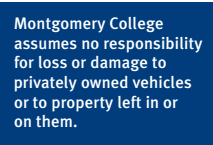
S2b - Stair ID, Stair Side
Scale: 3/4" = 1'



T1a - Parking Area ID (Column Mount)
T1b - Parking Area ID (Fence Mount)
T1c - Parking Area ID (Beam Mount)
Scale: 3/4" = 1'



T2a - Accessible Parking ID (Wall Mount)
T2b - Accessible Parking ID (Fence Mount)
Scale: 3/4" = 1'



U1 - Medium Regulatory
Scale: 3/4" = 1'

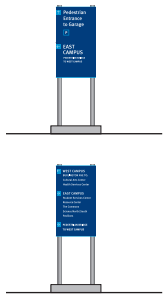
MONTGOMERY
COLLEGE

TAKOMA PARK / SILVER SPRING

A1 - Facade Mounted College ID (Illuminated)
Scale: 1/8" = 1'



C1 - Information Kiosk
Scale: 1/4" = 1'



E3 - Pedestrian Campus Directional
Scale: 1/8" = 1'



E1a - Vehicular Campus Directional
Scale: 1/8" = 1'

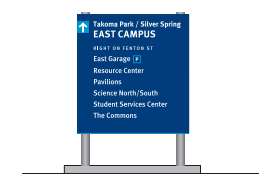


E3b - Pedestrian Campus Directional (L-Shaped)
Scale: 1/8" = 1'

MONTGOMERY
COLLEGE

THE MORRIS & GWENDOLYN
CAFRTZ
FOUNDATION
ARTS CENTER

A2 - Building ID and Campus Name (Non-Illuminated)
Scale: 1/8" = 1'



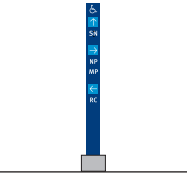
E1b - Vehicular Campus Directional, Small
Scale: 1/8" = 1'



E4 - Small Building Directional
Scale: 1/8" = 1'



E1c - Vehicular Campus Directional, Small (L-Shaped)
Scale: 1/8" = 1'



E5 - ADA Pedestrian Directional
Scale: 1/4" = 1'



B2 - Building Entrance ID
Scale: 3/4" = 1'

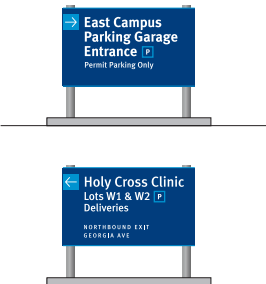


B3 - Building Entrance ID, ADA Directional
Scale: 3/4" = 1'

SCIENCE
SOUTH
BUILDING

THE
COMMONS

B1 - Facade Mounted Building ID Letters
Scale: 1/4" = 1'



E2 - Vehicular Building ID and Directional
Scale: 1/8" = 1'



P1 - Parking Lot ID



P2 - Reserved Parking



P3 - Tobacco Free



P4 - Wi-Fi Sign

Added Feb 20, 2023
Yuling Mei

Add April 21, 2023
Yuling Mei

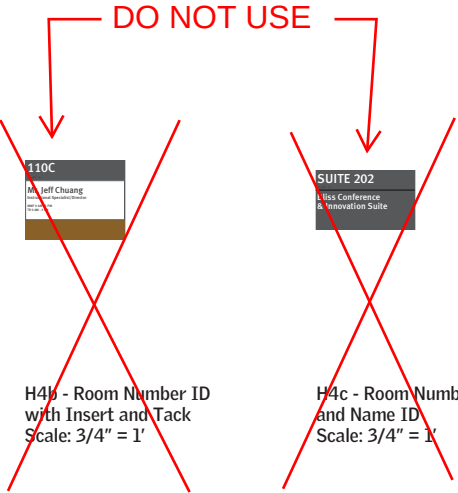
CHARLENE R. NUNLEY

STUDENT SERVICES CENTER

G1 - Interior Building ID (Wall Mounted)
Scale: 1/2" = 1'



H4a & H4e
H4a - Room Number ID with Insert
Scale: 3/4" = 1'



H4b - Room Number ID with Insert and Tack
Scale: 3/4" = 1'

H4c - Room Number and Name ID
Scale: 3/4" = 1'

H2a - Overhead Room ID (Wall Mount)
Scale: 3/4" = 1'



Add for meeting spaces, assembly spaces, event spaces, and spaces with 50 code occupants or more. In addition to H4a



H4d - Exit ID/Room Number ID
Scale: 3/4" = 1'



H6
H5 - Occupancy
Scale: 3/4" = 1'



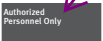
H6a - No Smoking or Vaping

Hang perpendicular to corridor is preferred



H2b - Overhead Room ID (Ceiling Mount)
Scale: 3/4" = 1'

Add for MEP, IDF, MDF and jan closets. In addition to H4a



H7
H6 - Restricted Area
Scale: 3/4" = 1'



H8a - Stair ID, Occupancy Side
Scale: 3/4" = 1'



H8b - Stair ID, Stair Side
Scale: 3/4" = 1'



H3 - Service Flag ID
Scale: 3/4" = 1'



H9 - Restroom ID, ADA
Scale: 3/4" = 1'



H10 - Emergency Egress
Scale: 3/4" = 1'



H8c - ADA Stair ID

Sign type H8C
Has raise letters and braille identifying floor level and stairway



H11 - Emergency Egress (Map Insert)
Scale: 3/4" = 1'

CM	THE COMMONS
110	Social Sciences Computer Center
110B	Tutor
110C	Director
112	Classroom
113	Classroom
114	Classroom
116	Classroom
200	Bliss Conference & Innovation Suite
202	Social Sciences Computer Center

J1 - Building Directory
Scale: 3/4" = 1'



K1 - Room Directional
Scale: 3/4" = 1'



K2 - Flag Directional
Scale: 3/4" = 1'



L1 - Room Dedication (Overhead)
Scale: 3/4" = 1'



L2 - Room Dedication (Wall Mount)
Scale: 3/4" = 1'

Dedication and/or donor signage to be designed on case by case basis



Q1 - Fire Extinguisher, AED, Bleed Control

Montgomery College
DESIGN STANDARDS

1.0 DEFINITIONS

For the purpose of this document the following definitions shall apply:

- A Owner shall mean Montgomery College, Maryland
- B Sign Contractor shall mean the individual, firm or corporation executing the contract and performing the work under the terms of these Construction Documents.
- C General Contractor shall mean the individual, firm or corporation responsible for the construction of the building, interior, site and parking areas on and within which the work which forms the subject of this contract is to be installed.
- D Adhesive shall mean any liquid, aerosol, sheet, tape or foam tape adhesive or solvent bonding system.
- E Artwork shall mean electronic or camera-ready reproducible artwork for any specific graphic components of individual signs, symbols, logotypes, line drawings, etc. to be provided in a scale of at least one-quarter full size.
- F Construction Documents shall mean all construction intent drawings, message schedules, specifications and other items comprising the contract.
- G Date of Substantial Completion shall mean the date upon which the work which is the subject of this contract is sufficiently complete to enable the Owner to use it for the purpose and in the manner in which it was intended.
- H Graphic Components shall mean all typography, illustrations, line drawings, maps, charts, etc. forming part of a sign.
- I Sign shall mean any sign, graphic work to be applied to an architectural component, or other element described or specified in the Contract Documents.
- J Character shall mean any visual element of a sign, including letters, numerals, punctuation marks, symbols, etc.
- K Paint fill shall mean any paint, ink, dye, varnish or other coating material used to fill engraved, etched, or incised characters.

2.0 MATERIALS AND CONSTRUCTION

2.1 ACRYLIC SHEET

Acrylic sheet shall be premium quality as manufactured by Rohm and Haas (Plexiglas), Du Pont (Lucite), American Cyanamid, or approved equal.

The edges of acrylic sheet components and any drilled holes shall be smooth and free of saw marks, chips, cracks or other blemishes and shall be square to the face. All visible edges are to be hand or machine polished unless specified otherwise. Flame polishing shall not be permitted.

Where acrylic sheet is 'glazed' or contained in a frame it shall be cut to allow for expansion and contraction.

Laminated sheets and welded joints shall be free of gaps and bubbles and shall be continuously sealed and clear.

Use special care in the fabrication and installation of acrylic sheets to prevent scratching, staining or other imperfections.

When there is no possibility of danger from other work to be performed, remove all protective coverings on acrylic sheet and remove any scratches using an approved acrylic polish. Remove all internal and external dust and other dirt and treat all surfaces with an anti-static polish on completion.

Provide Owner with complete cleaning instructions recommended by acrylic manufacturer for safe cleaning of acrylic sheets.

2.2 ACRYLIC SHEET, NON-GLARE

Non-glare acrylic sheet shall be premium quality such as manufactured by Rohm and Haas, Du Pont, American Cyanamid or approved equal.

2.3 ALUMINUM

Aluminum extrusions shall be ASTM B209, 6063-TS alloy, shop primed. Extrusions shall be of best quality with no die lines or other imperfections.

Aluminum sheet and plate shall be ASTM B209, 3003 alloy, shop primed. Sheet and plate shall be of best architectural quality; stretcher leveled and visually flat.

Aluminum Castings: Provide aluminum castings of alloy and temper recommended by the aluminum producer and finisher for the casting process used and for the use and finish indicated.

Anodized Aluminum: Provide Mill 5005 alloy (anodized quality) aluminum with clear, anodized coating of .2 mil. th.

2.4 GLASS

Glass shall be fully tempered and color of glass is to be consistent for all requirements as defined in Contract Documents, unless otherwise noted.

2.5 PHOTOPOLYMER

Photopolymer: Provide sheet photopolymer Nova Polymers Inc. NovAcryl PT Series PT-236 or approved equal, in size and type specified in Sign Program bid documents.

Aluminum-Backed Photopolymer: Provide sheet photopolymer Jet USA Corp. LS1-175-AB Alum. or approved equal, in size and type specified in Sign Program bid documents.

Provide moisture resistant polyamide nylon or exterior grade photopolymer resin with minimum face relief of .032" and maximum face of .040" in compliance with ADA regulations and specifications. Photopolymer material to be of single piece construction using only clear, recyclable PETG or cellulose-based phenolic in specified base thickness. Laminated photopolymers are not acceptable.

Process to factory specifications to be approved methods, equipment, and fabrication techniques. Use only computer generated, professional grade film. Vellum film is not acceptable. Matthews or Carbit automotive grade acrylic polyurethane finishes to be used. Lacquer-based finishes are not acceptable.

2.6 STAINLESS STEEL

Stainless Steel Plate, Sheet and Strip: Provide stainless steel plate, sheet, or strip, ANSI Type 316, complying with the requirements of ASTM A 167. The finish for all Stainless Steel is to be No. 4, except where specifically noted.

2.7 DIGITAL HIGH PRESSURE LAMINATE

Provide exterior grade high pressure plastic laminate as manufactured by IZone, 2526 Charter Oak Drive, Suite 100, Temple, Texas, 76502, U.S.A. 888.464.9663. Finish and color combination to match selection from manufacturer's standards. Non-ferrous metal or galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance and to prevent staining of surrounding surfaces.

2.8 FASTENERS AND HARDWARE

All exposed screws shall be countersunk, unless otherwise noted.

2.9 ADHESIVES

Adhesives required in fabrication and installation shall be compatible with the materials to be laminated or adhered.

Adhesives shall be used in accordance with the recommendations of the manufacturer of the adhesives and the material to be laminated or adhered.

Surfaces on which adhesives are to be applied shall be smooth, clean and free of dust, dirt, grease, fingerprints or other foreign matter.

Adhesives shall be guaranteed not to deteriorate, discolor, delaminate or fail in adhesion for any reason including exposure to heat, sunlight, weathering or other environmental conditions.

Adhesives shall not change the color of, or in any way deteriorate, the materials to which they are being applied.

Visible joints shall be even and free from air bubbles and other defects.

Adhesive foam mounting tapes for permanent installation shall be premium quality double-coated acrylic foam tape such as manufactured by 3M (VHB Tape) or approved equal. Urethane foam tapes will not be allowed.

		Montgomery College
2.2 MATERIAL SPECIFICATIONS		DESIGN STANDARDS
2.9 ADHESIVES <i>CONTINUED</i>	Unless otherwise indicated, when used for permanent installation, adhesive foam mounting tape shall be 1/2" wide and 1/16" thick. Coverage shall be at least one continuous strip of tape at four inch intervals. No tape shall be closer than 1/2" from the edge of any component.	
	Silicone adhesives shall be clear, ready-to-use, high performance, premium quality materials, such as manufactured by General Electric (GE 1200), or approved equal.	
	Epoxy adhesives shall be two-component, thermal-setting, premium quality materials such as manufactured by Devcon (Two-Ton Epoxy), or approved equal.	
2.10 PAINT, INK AND VARNISHES	All colors shall be exactly reproduced as specified and shall match submitted samples.	
	Paint Manufacturer: Duron Paints and Wall Coverings, Matthews Paint Company, or approved equal.	
	All paint shall be applied using a high pressure spray in dust-free conditions and shall be allowed to dry or cure properly before being moved.	
	Painted surfaces and other applied finishes shall have a smooth, even finish and be free of imperfections, marks, scratches, embedded dirt, wave patterns or other irregularities.	
	Paint required in fabrication, including paint for lettering, screened copy, subsurface copy, etc. shall be compatible with the materials to which it is applied and shall be guaranteed not to cause discoloration, deterioration or de-lamination for any reason, including exposure to heat, sunlight, weathering or other environmental conditions.	
	Paints shall be precisely identified on the shop drawings and submitted samples. Prime coats or other surface pre-treatments, where recommended by the manufacturer of the paint, shall be included in the work.	
2.11 FINISHES	Colors and Surface Textures: For exposed sign material that requires selection of materials with integral or applied colors, surface textures or other characteristics related to appearance, provide color matches indicated, or if not indicated, as selected by the Owner.	
	Metal: Comply with NAAMM "Metal Finishes Manual" for finish designations and applications recommendations. All finishes are to be measured by Sign Contractor with a Glossimeter to assure reasonable compliance with the Americans with Disabilities Act, 1992.	
	Glass: Non-glare Aluminum: Anodized, Powder-coated Paint: Satin	
2.12 ETCHED GLASS/ACRYLIC	Graphics shall be etched evenly into the glass by a high pressure spray of sand, carborundum grit, or metal bead to the depth specified in Contract Documents. Protect all adjacent surfaces from over spray.	
	Rubber friskets are to be used only for flat surfaces and are to be used only once per sign.	
2.13 SILK SCREEN	to be replaced by Frisket Painting, typical Silk screens shall be made using photographic film positives. Hand cut positives may not be used except in exceptional circumstances and only with the Owner's prior approval in writing. If hand cut positives are allowed, they shall be of equivalent quality to photographic film.	
	Ink finish shall be non-glare, 'eggshell' or semi-matte, unless otherwise specified.	
2.14 STENCIL-CUT GRAPHICS, INFILL CHARACTERS	Glass/Acrylic infill characters shall be individually cut from glass/acrylic sheet with a roused shoulder cut to nest against the stencil-cut opening or shall be cut from acrylic sheet and solvent-fused to a diffuser back-up panel.	
	For exterior applications, all infill characters shall be bonded to the stencil-cut surface with a continuous bead of silicone to assure a weather tight seal.	
	Provide required space between stencil-cut edge and any infill characters to compensate for temperature expansion and contraction.	
2.15 DIMENSIONAL LETTERS AND NUMBERS	Letters and Numbers: Fabricated and laser-cut letters/numbers. Comply with requirements indicated for finish, style, and size.	
	Metal: Aluminum, as indicated on drawings.	
	Acrylic: as indicated on drawings.	
2.16 APPLIED COPY	Die-cut copy characters from vinyl film with pressure-sensitive adhesive backing. Apply copy to the exposed face of the sign panel or other surface as specifically noted.	
2.17 VINYL	Non-reflective film: Provide opaque, non-reflective vinyl film with repositionable adhesive backing. Adhesive shall be positionable and pressure activated.	
	Minimum application temperature to be 40° F (4° C). Maximum application temperature to be 100° F (38° C). When applied in accordance with manufacturers recommended procedures, the film is to have an exterior exposure life of 7 years.	
	Properties: Thickness .003" - .004" Tensile strength: 5 lbs./in. at 73° F Dimensional stability: 1/64" Temperature Range: -40° F to +200° F Resistance: no effect at -73° F and 40° F Adhesion to etched aluminum: 7.0 lbs/in.	
	Vinyl Film: Provide opaque non-reflective vinyl film, 0.0035" minimum thickness, with pressure sensitive adhesive backing, suitable for exterior as well as interior applications.	
2.18 REMOVABLE REFLECTIVE FILM	Provide adhesive coated, opaque, reflective vinyl film with easy release liner intended for production of removable messages. This sheeting to remain totally reflective even when wet by rain.	
	Properties: Observation angle: .2° to .5° Entrance angle: -4/35° to 18/40° 7 to 4.5 Thickness: .010" Dimensional stability: .010" Applied temperature: -30° F to +200° F Flexibility: no cracking Removability: up to 18 months Adhesion on etched aluminum: 2.5 lbs/in.	
2.19 NON-REMOVABLE REFLECTIVE FILM	Provide adhesive coated, opaque, non-reflective vinyl film with strong permanent adhesion.	
	Properties: Observation angle: .2° to .5°/40° 7 to 4.5 Thickness: .010" Dimensional stability: .010" Applied temperature: -30° F to +200° F Flexibility: no cracking Removability: up to 18 months Adhesion on etched aluminum: 2.5 lbs/in.	
2.20 PIN MOUNTS	Pin mounts shall be fabricated from threaded studs permanently fixed to the component to be mounted. All studs shall be square to the face of the component Epoxied or welded studs shall be fabricated with no distortion or discoloration of the face of the component or any other exposed surfaces.	
	Holes drilled into plastic or wood cut component shall be fabricated with no distortion or other visible effect on face or other exposed surfaces.	
	There shall be a minimum of four studs on plaques, two studs on individual typographic characters and one stud on punctuation marks.	
	Silicone adhesive shall be used to install pin mounts in walls or other supporting surfaces. Receiving hole shall be of sufficient size to allow positioning, and shall have clean edges and neat appearance.	
	Support components with foam tape or other mechanical means that does not damage surrounding surfaces, until permanent adhesives are set.	
2.21 ATTACHMENTS	Wall Mounted Panel Signs: Attach panel signs to wall surfaces using the methods indicated below and as specified by manufacturer:	
	Vinyl-Tape Mounting: Use double-sided foam tape, of thickness indicated, to mount signs to smooth, nonporous surfaces. Do not use this method for vinyl-covered or rough surfaces.	
2.2 MATERIAL SPECIFICATIONS		2.2 MATERIAL SPECIFICATIONS PAGE 9

		Montgomery College
2.3 MATERIAL SPECIFICATIONS		DESIGN STANDARDS
2.21 ATTACHMENTS <i>CONTINUED</i> Silicone-Adhesive Mounting: Use liquid silicone adhesive recommended by the sign manufacturer to attach sign units to irregular, porous, or vinyl-covered surfaces. Use double-sided vinyl tape where recommended by the sign manufacturer to hold the sign in place until the adhesive has fully cured. Mechanical and Shim Plate Mounting: Provide concealed aluminum shim plates 1/8" thick, with pre-drilled and countersunk holes, at locations indicated and where other mounting methods are not practicable. Attach the plate with fasteners and anchors suitable for secure attachment to the substrate. Attach panel sign units to the plate using the method specified above. Bracket-Mounted Units: Provide the manufacturer's standard brackets, fittings, and hardware as appropriate for mounting signs that project at right angles from walls and ceilings. Attach brackets and fittings securely to walls or ceilings with concealed fasteners and anchoring devices to comply with manufacturer's directions. Dimensional Letters, Numbers, and Panels: Mount letters, numbers, and panels using standard fastening methods recommended by the manufacturer, or custom methods as indicated, for letterform or panel type mounting, wall construction, and conditions of exposure indicated. Provide heavy paper template to establish letter spacing and to locate holes for fasteners. Flush Mounting: Mount letters with backs in contact with the wall surface. Projected Mounting: Mount letter at the indicated projection distance from the wall surface. Direct Applications: Provide silk-screened or frisket painted signs over coated panels with clear, non-yellowing protective coating. The manufacturer has the option of selecting either process indicated above. 2.22 CONCRETE FOOTINGS Sign Contractor shall provide shop drawings and engineering calculations prepared and sealed by a registered professional engineer, licensed in project jurisdiction. Formwork design/engineer qualifications shall be under direct supervision of a register professional engineer, licensed in project jurisdiction. Regulatory requirements shall conform to local laws, codes, and regulations. Sign Contractor shall submit formwork drawings, calculations, and other data to local authorities as they may require. Typical formwork shall be plywood, metal, or other panel-type materials providing continuous smooth surfaces, non-reactive with form release agent or water. Formwork shall be furnished in largest practicable sizes to minimize number of joints. Provide form material with sufficient thickness to withstand pressure of newly placed concrete without bow or deflection. Conform to joint system indicated on drawings or accepted shop drawings. Form ties shall be factory-fabricated, adjustable-length, removable or snap-off metal form ties designed to prevent form deflection and to prevent spilling of concrete upon removal. Sign Contractor shall provide ties that will leave no metal closer than 37mm (1 - 1/2") from face of exposed concrete surface, and, when removed, will leave holes not larger than 25mm (1") diameter in concrete surfaces.		Form release agent shall be colorless material, with maximum volatile organic compounds (VOCs) of 350 gm per liter; non-staining; which will not bond with or adversely affect concrete surfaces and which will be compatible with subsequent treatments of concrete surfaces. Fabricate formwork to prevent leakage of cement paste during concrete placement. Solidly butt joints and provide back-up material at joints. Minimize joints. Provide removable panels at bottom of column, pier, wall, and other forms where necessary to facilitate cleaning and inspection. Fabricate forms for easy removal without hammering or prying against concrete surfaces. Install forms in accordance with ACI 301, except for more stringent requirements of specifications or the formwork design engineer. Brace formwork to ensure stability. Tolerances, unless otherwise indicated, shall conform to requirements of ACI 117. Irregularities in formed surfaces shall conform to requirements of ACI 347, as follows: Class A: For concrete surfaces exposed to view. Class C: For other concrete surfaces Sign Contractor shall provide formed concrete, and concrete slab edges, that are maximum +/- 12mm (1/2") from designated design plane in any location. Application of form release agent shall be applied in accordance with manufacturer's instructions. Apply prior to placing reinforcing steel, anchoring devices, and embedded items. Do not apply where concrete surfaces are scheduled to receive finishes, which may be affected by agent. Soak surfaces of untreated forms with clean water. Keep surfaces wet prior to placing concrete. Inserts, embedded items, and openings shall be provided with formed openings where required for work embedded in or passing through concrete. Coordinate work of other sections in forming and setting openings, slots, recesses, chases, sleeves, bolts, anchors, and other inserts. Adjustments to formwork shall be checked before placing reinforcements and continuously during concrete placement to verify that work will be within specified tolerances. Conform to requirements of ACI 347. Correct excessive settlement or distortion of forms during concrete placement. Retighten forms during concrete placement if required to eliminate mortar leaks. Form removal shall occur after concrete has sufficient strength to support its own weight and construction, design, or other loads that may be imposed upon it. Remove formwork that does not support loads when the following conditions are met: Concrete has cumulatively cured at not less than 10°C (50°F) for 24 hours. Concrete is sufficiently hard that form removal will not damage it. Curing and protection operations are maintained. Remove formwork supporting loads when concrete has attained stripping strength specified by formwork designer. Do not remove formwork until slab finishing tolerances have been measured. Remove formwork progressively so no unbalanced loads are imposed on structure. Do not damage concrete surfaces during form removal. Clean forms to remove foreign matter as erection proceeds. Use compressed air to remove foreign matter. Ensure that water and debris drain to exterior through clean-out ports. During cold weather, remove ice and snow from forms. Do not use deicing salts. Do not use water to clean out completed forms unless formwork and construction proceed within heated enclosure.
		2.3 MATERIAL SPECIFICATIONS PAGE 10

3.0 GRAPHICS/DRAWINGS

3.1 GENERAL REQUIREMENTS

- A Drawings are for concept only. Sign Contractor shall be responsible for providing a product which meets the requirements of both the specifications and the drawings, and which works effectively, efficiently and safely.
- B Written dimensions on the Drawings shall take precedence over scaled dimensions. Sign Contractor shall be responsible for all dimensioning and must notify Owner of any discrepancies, to await clarification, prior to proceeding
- C Failure to request clarification of any inadequacy, omission or conflict will not relieve the Contractor of responsibility.

3.2 BRAILLE

- A Provide all Grade 2 Braille translations, as required to conform to American National Standards ICC/ANSI A117.1, 2003, as referenced in section 1.10.

4.0 FABRICATION

- A Field measure all conditions prior to fabrication.
- B All work shall be constructed as complete systems, including all stiffeners, fasteners, welding, sealants, jointing, miscellaneous pieces and material thicknesses, etc.
- C Confer with the Owner regarding all critical items before shop drawings are started, and advise the Owner of any significant discrepancies in field measurements or operational difficulties prior to fabrication. Obtain the Owner’s written approval for any resulting deviations from the specifications and/or drawings that may become necessary.
- D Work shall be performed by competent workmen and shall be of the best quality, free from defects impairing strength, durability and appearance. All items shall be made of new materials.
- E Connections, angles, shapes and details are for intent only and are to be sized, reinforced and detailed as required for their particular application. Details not shown are to be at least equal in quality to those detailed.
- F Methods of fabrication, joining, finishing and installation of all components and work shall be according to the manufacturer’s instructions for the use of any products, materials, fittings and equipment used in their construction.
- G All details of construction are to be engineered with appropriate strength materials and finished to withstand the potential rigors of their installed locations.
- H Installed work shall be accurately reproduced from the artwork. Characters with rounded positive or negative corners, nicked, cut or ragged edges, etc., will not be accepted.
- I All work shall be uniform in detail design and finish.

5.0 INSTALLATION

- A General: Locate sign units and accessories where indicated, using mounting methods of the type described and in compliance with the manufacturer’s instructions. For signs installed at exterior locations, include all elements recommended by manufacturers and good practice to insure weatherproofing for internal and external parts and materials.
- B Install the work in a well organized and timely manner. Whenever possible, the work shall be installed as one continuous activity. The installation process shall be coordinated to accommodate the needs of the Owner.
- C Inform Owner, at least two weeks in advance, of any intended installation and arrange, at the Owner’s convenience to have all patterns in place, and initial signs of each type ready for installation and approval by the Owner on site before proceeding with the rest of the installation. It is important that such approval processes be organized efficiently so that approvals can take place in a timely manner.
- D Sign locations detailed in Contract Documents are estimated. Sign Contractor shall be responsible for confirming all locations in field based on direction in Contract Documents. Where variances occur from Documents or conditions are not as anticipated, Sign Contractor to notify Owner immediately, and await direction prior to proceeding.
- F Follow recommendations and instructions for installation as provided by component manufacturers. Notify the Owner in writing if such installation will not provide permanent, rigid installation within site conditions.
- G No installation procedures or materials shall be used that will in any way change the visual quality or in any manner have an adverse effect on adjacent materials and surfaces.
- H Protect all adjacent surfaces from damage during installation. Restore or replace any damaged surfaces to original condition and appearance.
- I Install all signs at the locations and heights specified in the Contract Documents. All signs shall be installed level, plumb, and perpendicular to the surface upon which they are mounted, unless otherwise specified.
- J Coordinate all scheduling and installation procedures with the Owner, General Contractor and others to avoid delays or additional costs.
- K Where appropriate, notify Owner in writing of any visual or physical conflicts, to await clarification, prior to proceeding
- L All work shall be provided with suitable protective coverings during shipment and installation. Remove and replace protective coating for inspection when requested. Final removal of protective coatings shall take place only when there is no danger of damage from further work, and all protective coatings shall be removed simultaneously from similarly finished items to prevent uneven oxidation or discoloration.

6.0 CLEANING AND PROTECTION

- A Remove packing and construction materials from the site. Leave premises broom clean and ready for work under other contracts or ready for use Vacuum any carpets and spot clean where if necessary.
- B At completion of the installation, clean soiled sign surfaces in accordance with the manufacturer’s instructions. Protect units from damage until acceptance by the Owner.

MATERIAL	TO MATCH
M1	Frisket painting Color
M2	Reflective Vinyl
M3	Powder Coated Aluminum
M4	Painted Aluminum
M5	Glass Specification TBD
M6	30/30 Acrylic with Polished Returns
M7	Etched and Paint-filled Letters
M8	Painted Photopolymer
M9	Applied Vinyl
M10	Painted Stainless Steel

COLOR	TO MATCH
C1	Duron Standard - SW7005 - Pure White
C2	Matthews Paint - MP56089 - Blue Satin Finish
C3	Matthews Paint - MP15024 - Red Dragon
C4	Matthews Paint - MP15184 - Ophios Green
C5	Duron Standard - SW6789 - Blue Mosque
C6	Duron Standard - SW6893 - Kid's Stuff
C7	Duron Standard - SW6719 - Gecko
C8	Duron Standard - SW6869 - Stop
C9	Duron Standard - SW6832 - Impulsive Purple
C10	Duron Standard - SW6786 - Cloudless
C11	Duron Standard - SW6888 - Pizzaz Peach
C12	Duron Standard - SW6716 Dancing Green
C13	Duron Standard - SW6873 Coral Bead
C14	Duron Standard - SW68229 Magical
C15	Drylac Powdercoat 38/91020 - Post Gray
C16	Duron Standard - SW6868 Real Red
C17	Matthews Paint - MP09133 - Process Cyan U
C18	Duron Standard - SW6258 - Tricorn Black
C19	Duron Standard - SW6947 Tempo Teal
C20	Duron Standard - SW6924 Belize
C21	Duron Standard - SW1237 - Shale Gray
C22	Natural Satin Anodized Aluminum
C23	Non-glare Clear Acrylic

T1: ~~Meta Plus LF Bold~~ Meta Bold LF Roman

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

T2: ~~Meta Plus LF Medium~~ Meta Medium LF Roman

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Meta Bold LF Roman

Meta Plus LF Bold	Kerning Value	Sign Types
Upper Case	+400	A1 A2 B1
Upper Case	+150	M2
Upper Case	+125	M1
Upper Case	+100	A1 A2 H1 N1 N2 N3
Upper Case	+75	M2
Upper Case	+50	M1
Upper Case	+25	S2a S2b
Upper Case	+10	P2 S1 E3 E3b
Upper Case	0	C1 E1a E1b E1c

Meta Bold LF Roman

Meta Plus LF Bold	Kerning Value	Sign Types
Upper/Lower Case	+10	P2
Upper/Lower Case	0	C1 E1a E1b E1c E2 E4 S1 S2a S2b

Meta Medium LF Roman

Meta Plus LF Medium	Kerning Value	Sign Types	
Upper Case	+180	E1a E1b E1c E2	
Upper Case	+150	L1 L2	
Upper Case	+50	T1a T1b T1c	
Upper Case	+25	E3 E3b S2a H8a	H8b H9 Q3
Upper Case	+10	P2	
Upper Case	0	B2 E3 E3b H4a H4b H4c	H4d H6 H10 J1
Meta Medium LF D			

Meta Medium LF Roman

Meta Plus LF Medium	Kerning Value	Sign Types	
Upper/Lower Case	+25	Q3 K1	
Upper/Lower Case	+10	B2	H2b
		B3	H4c
		E1a	H6
		E1b	H7
		E1c	H8a
		E2	H8b
		E3	H10
		E3b	K3
		E4	P2
		H2a	U1
Upper/Lower Case	0	B2 E2 E3 E3b	E5 Q1 Q2a Q2b

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.



S1: Women
[Mon_Col_Women.eps]



S2: Men
[Mon_Col_Men.eps]



S3: Accessible
[Mon_Col_Accessible.eps]



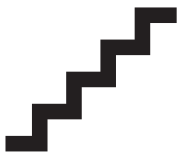
S4: Women Accessible
[Mon_Col_WomenAccessible.eps]



S5: Men Accessible
[Mon_Col_MenAccessible.eps]



S16: Unisex
[Mon_Col_MenAccessible.eps]



S6: Stair
[Mon_Col_Stair.eps]



S7: No Smoking
[Mon_Col_NoSmoking.eps]



S8: Do Not Enter
[Mon_Col_DoNotEnter.eps]



S9: Fire Safety
[Mon_Col_FireSafety.eps]



S10: Parking
[Mon_Col_Parking.eps]



S11: Stop
[Mon_Col_Stop.eps]



S12: Motorcycle
[Mon_Col_Motorcycle.eps]



S13: Arrow Left
[Mon_Col_Arrow.eps]



S13: Arrow Right
[Mon_Col_Arrow.eps]



S13: Arrow Up
[Mon_Col_Arrow.eps]



S13: Arrow Down
[Mon_Col_Arrow.eps]



S14: Double Arrow
[Mon_Col_DoubleArrow.eps]



S15: Water Fountain
[Mon_Col_Water.eps]



S17: Information
[Mon_Col_Info.eps]



S18: All Gender
[Mon_Col_All Gender.eps]



S19: All Gender Accessible
[Mon_Col_AllGenderAccessible.eps]



S20: Fire Extinguisher
[Mon_Col_FireExtinguisher.eps]



S21: AED & Heart
[Mon_Col_AEDHeart.eps]



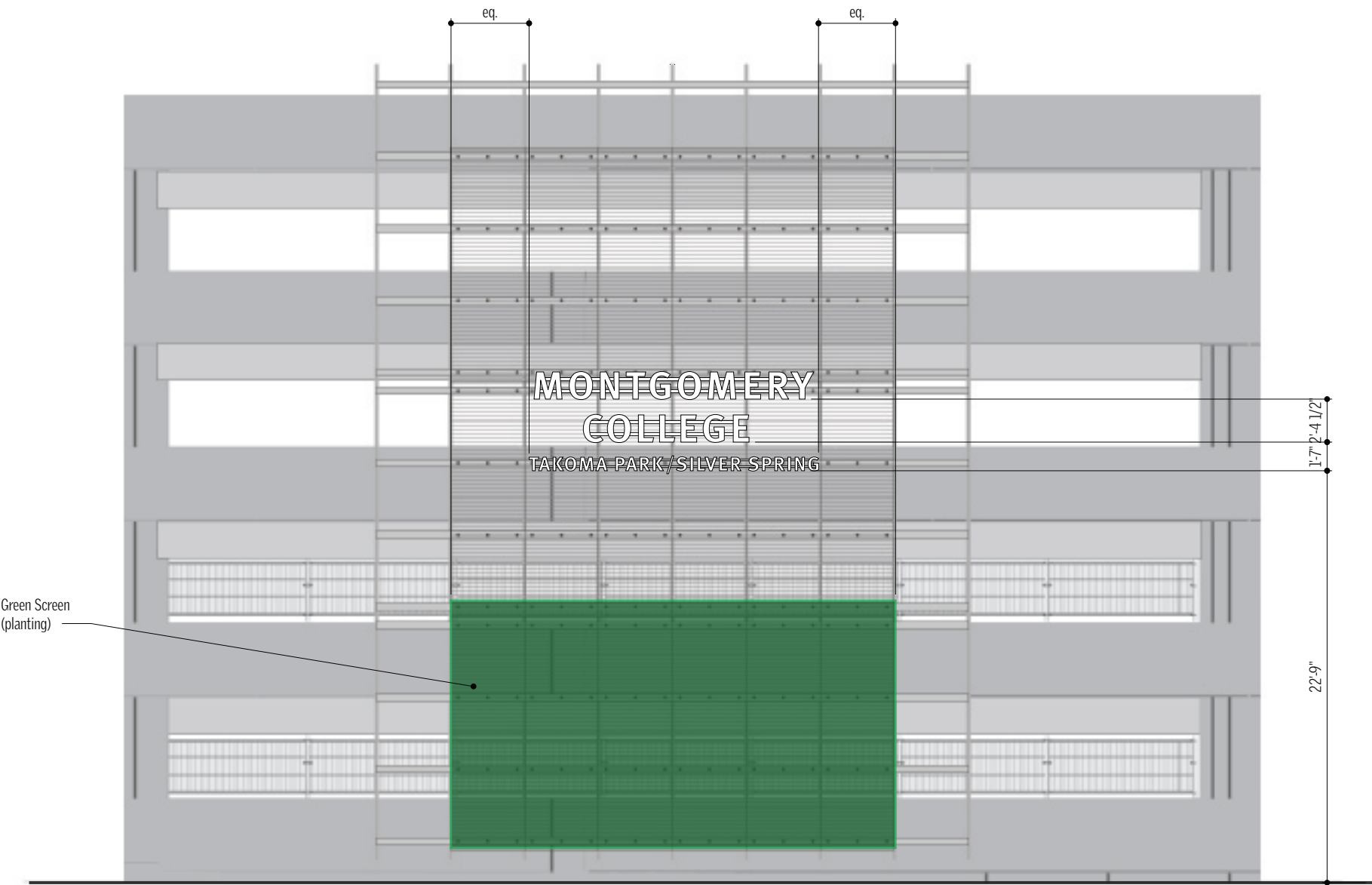
S22: Bleed Control
[Mon_Col_BleedControl.eps]

Montgomery College
SIGN TYPE SPECIFICATIONS

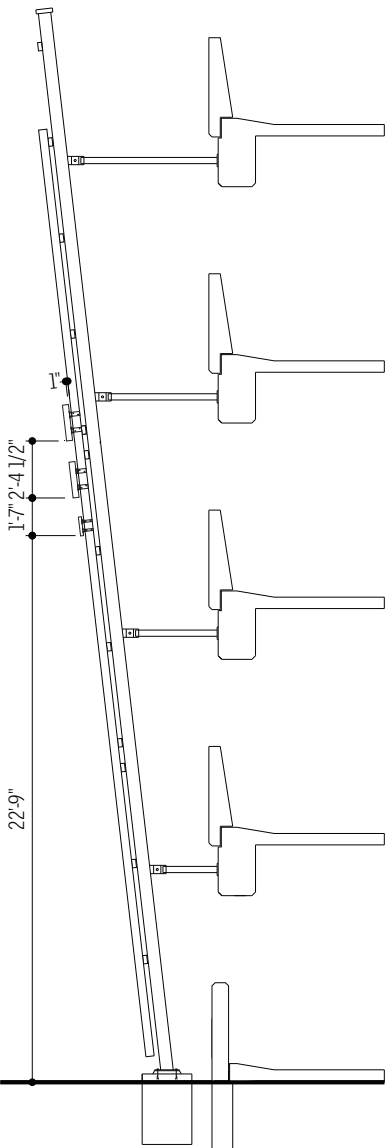
3.01 SIGN TYPE M1

SIGN TYPE SPECIFICATIONS

M1
COLLEGE ID (GARAGE FACADE)



1 Installation Elevation - Sign Type M1
1/8" = 1'-0"



2 Section - Sign Type M1
1/8" = 1'-0"

3.02 SIGN TYPE M1

SIGN TYPE SPECIFICATIONS

M1
COLLEGE ID (GARAGE FACADE)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

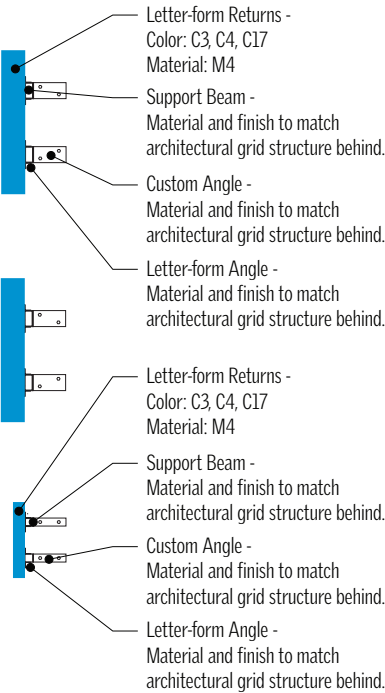
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case) Primary: +125
T1 (Upper Case) Secondary: +50

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Silver Spring/Takoma Park: C17



1 Graphic Layout - Sign Type M1
1/2" = 1'-0"



2 Side View - Sign Type M1
1/2" = 1'-0"



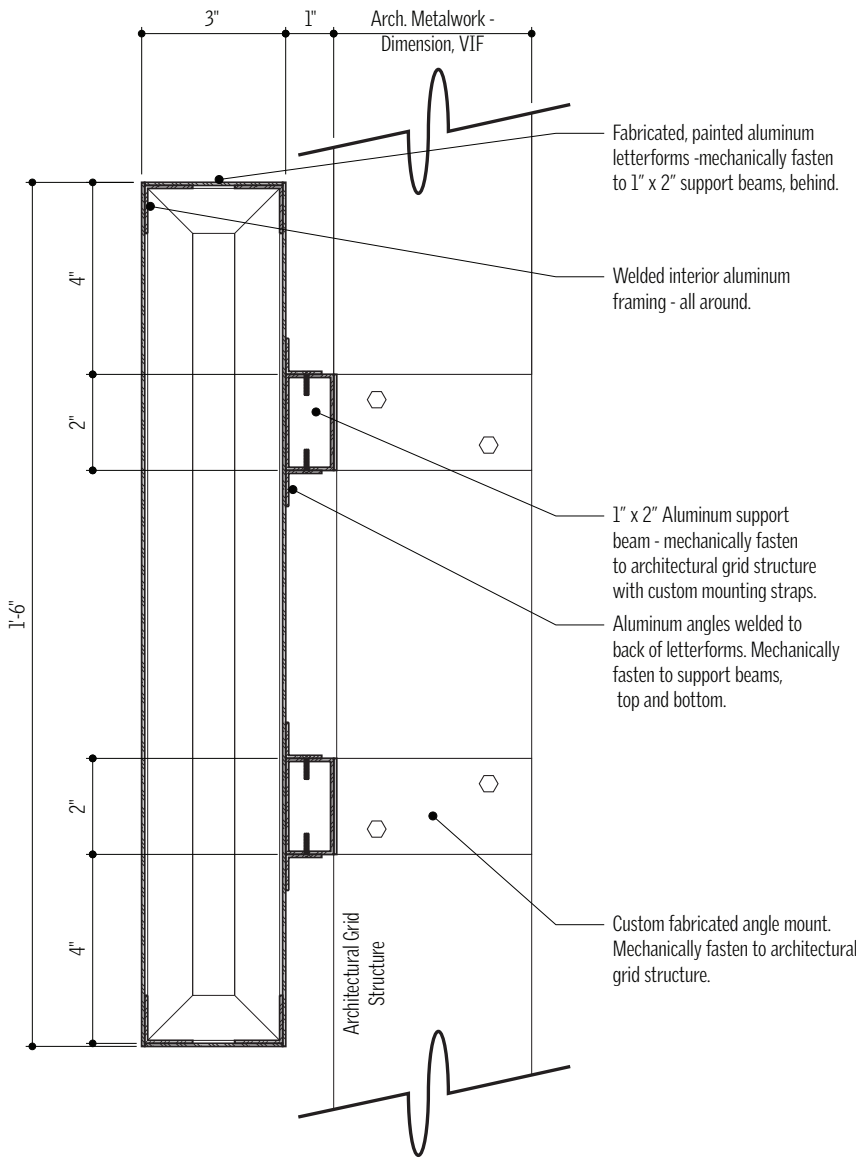
3 Elevation - Sign Type M1
1/2" = 1'-0"

3.03 SIGN TYPE M1

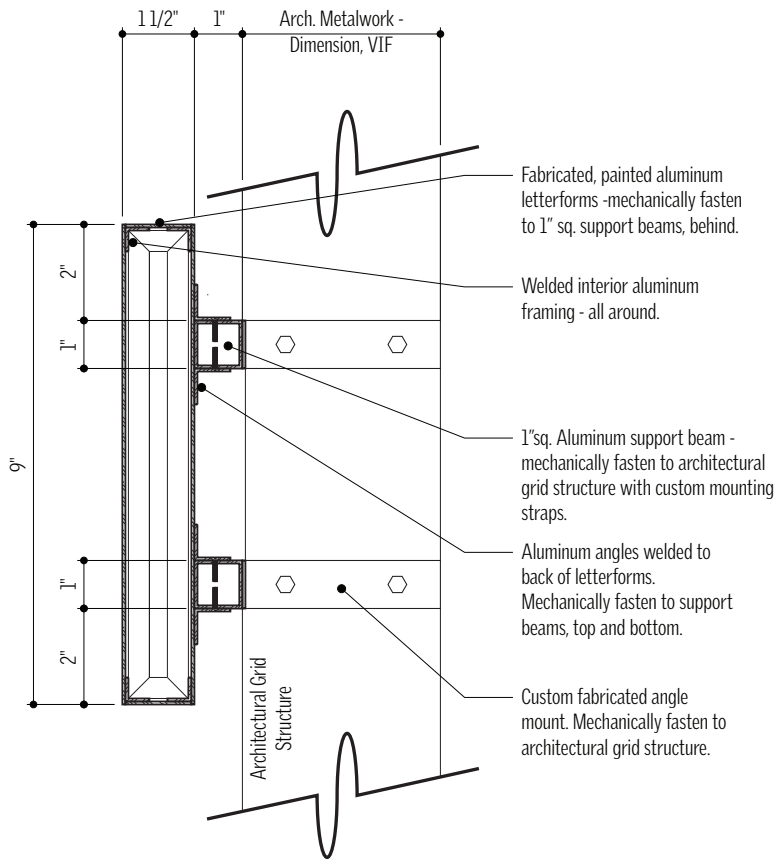
SIGN TYPE SPECIFICATIONS

M1
COLLEGE ID (GARAGE FACADE)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

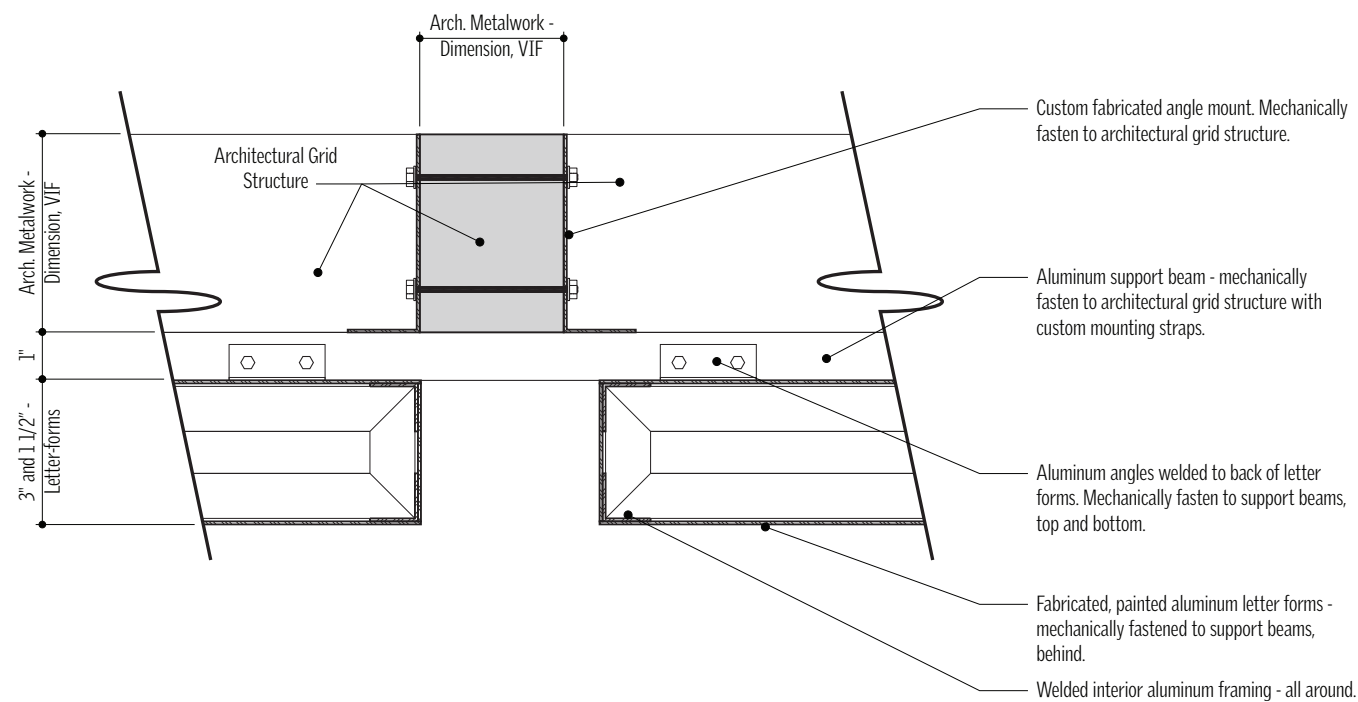


1 Detail Section - Sign Type M1
1 1/2" = 1'-0"



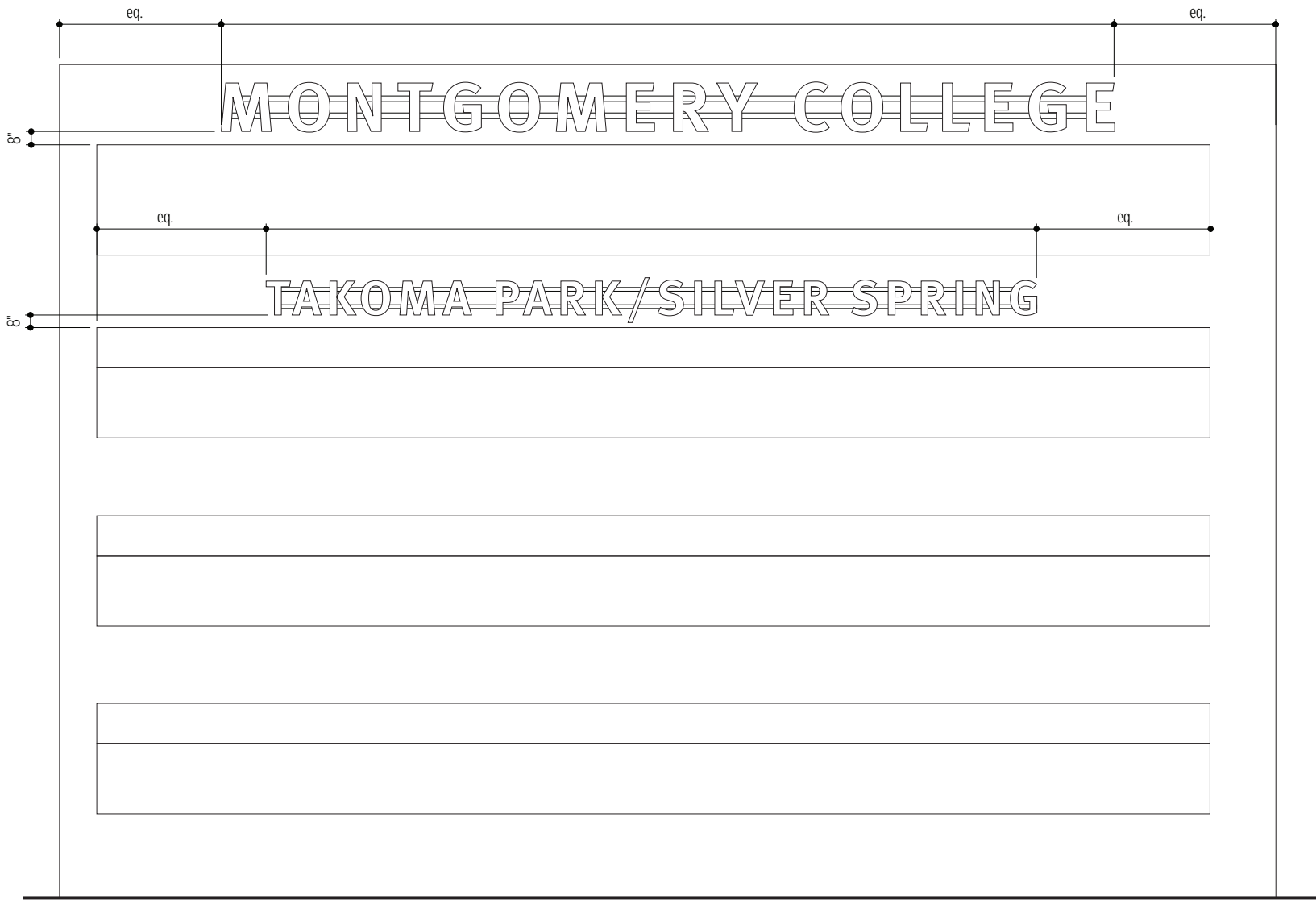
2 Detail Section - Sign Type M1
1 1/2" = 1'-0"

M1
COLLEGE ID (GARAGE FACADE)

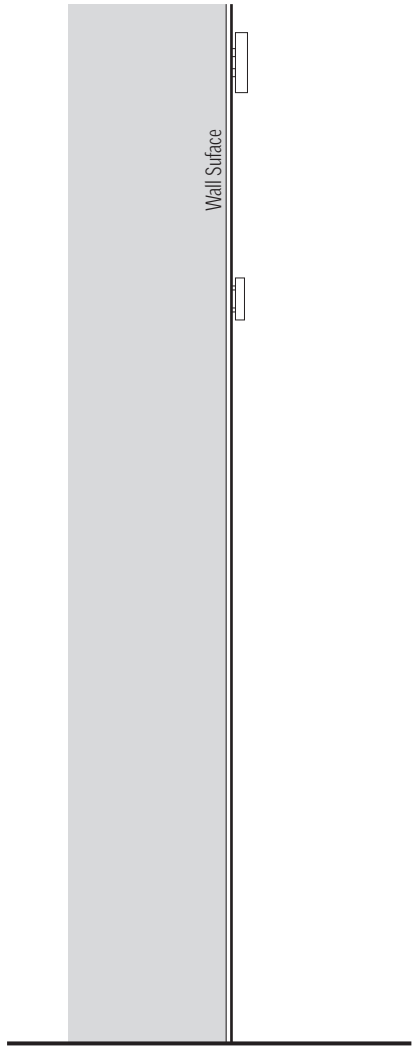


1 Detail Plan Section
3" = 1'-0"

M2
COLLEGE ID (FACING TRAIN TRACKS)



1 Installation Elevation - Sign Type M2
1/8" = 1'-0"



2 Side View - Sign Type M2
1/8" = 1'-0"

3.06 SIGN TYPE M2

SIGN TYPE SPECIFICATIONS

M2
COLLEGE ID (FACING TRAIN TRACKS)

COLOR SCHEDULE
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP10524 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

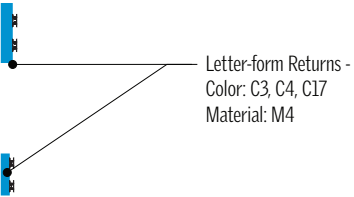
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case) Primary: +150
T2 (Upper/Lower Case) Secondary: +75

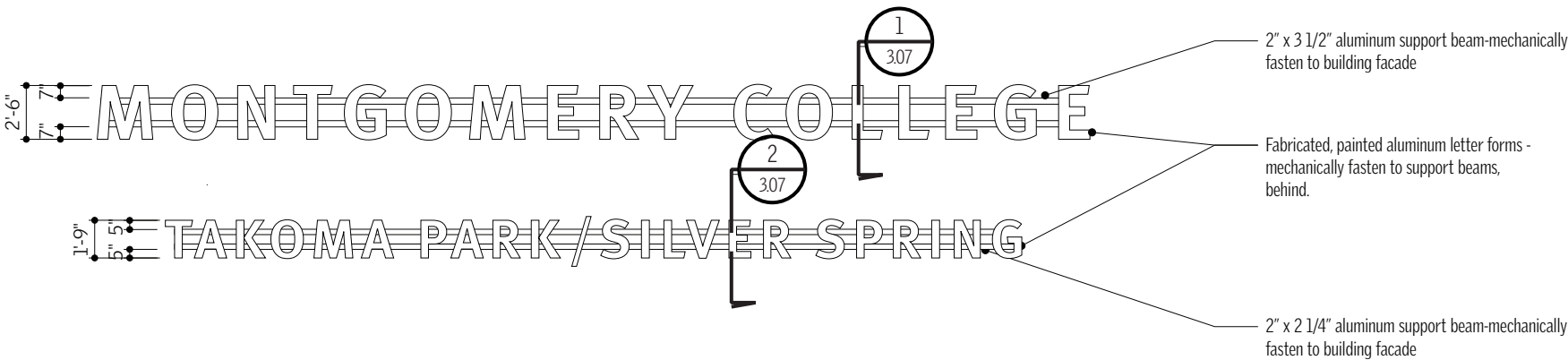
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Silver Spring/Takoma Park: C17



1 Graphic Layout - Sign Type M2
1/8" = 1'-0"



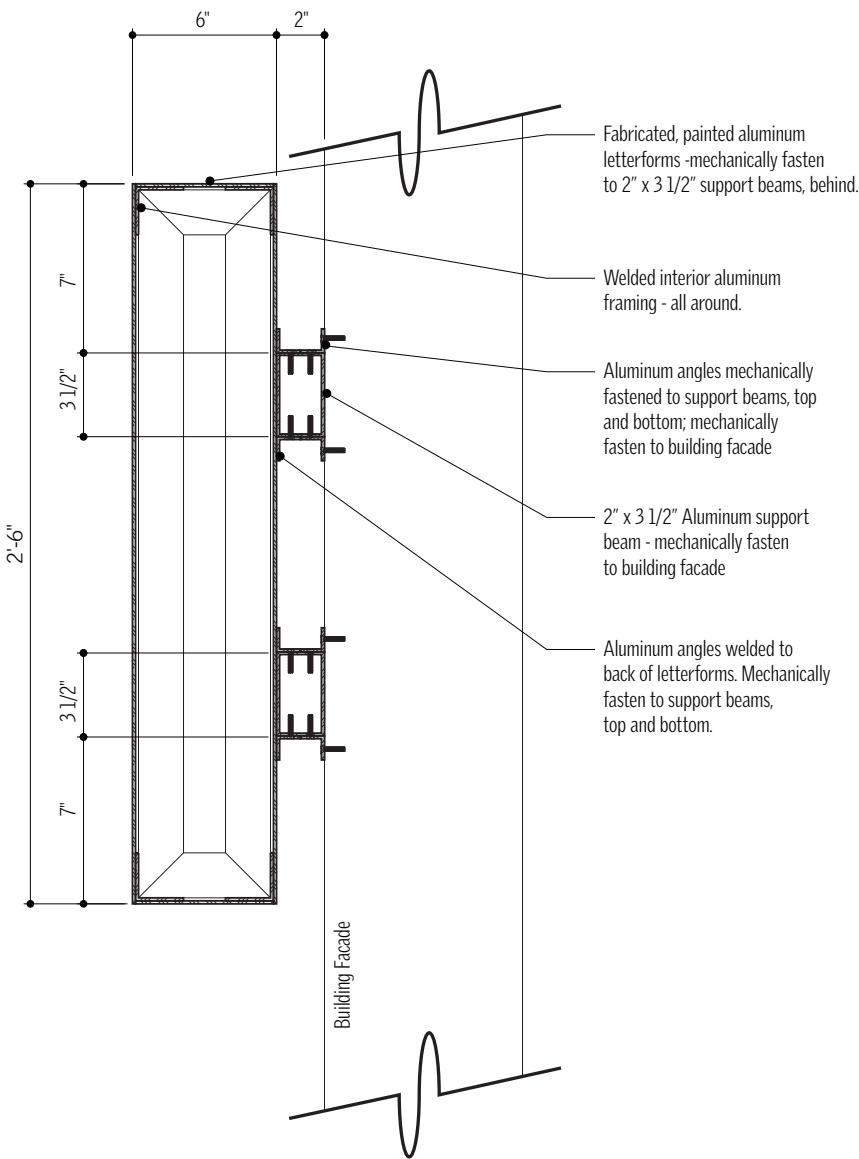
2 Side View - Sign Type M2
1/8" = 1'-0"



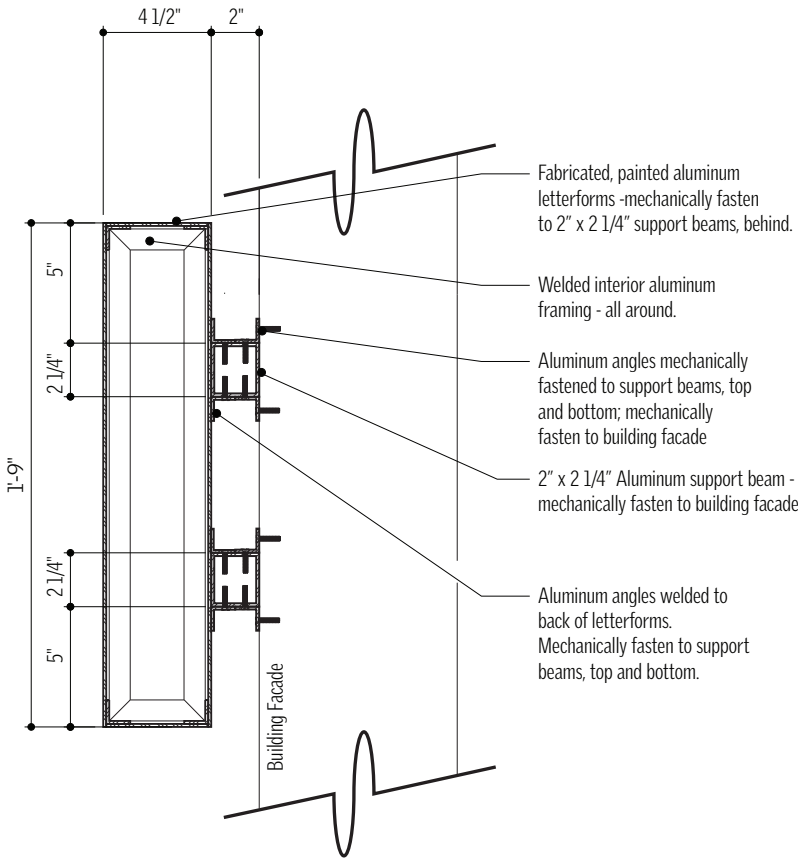
3 Elevation - Sign Type M2
1/8" = 1'-0"

M2
COLLEGE ID (FACING TRAIN TRACKS)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



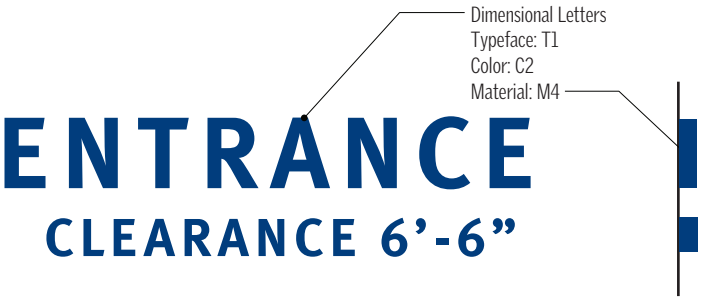
1 Detail Section - Sign Type M2
3/4" = 1'-0"



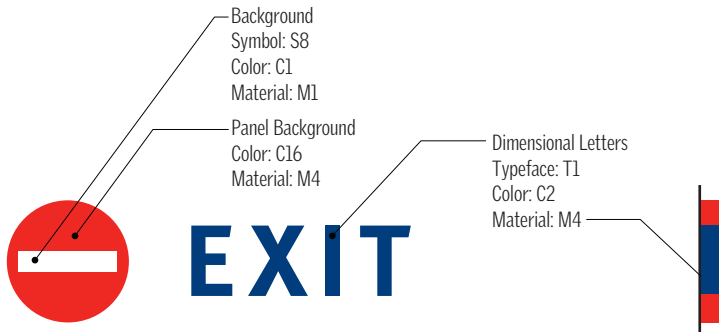
2 Detail Section - Sign Type M2
3/4" = 1'-0"

3.08 SIGN TYPES N1, N2, N3

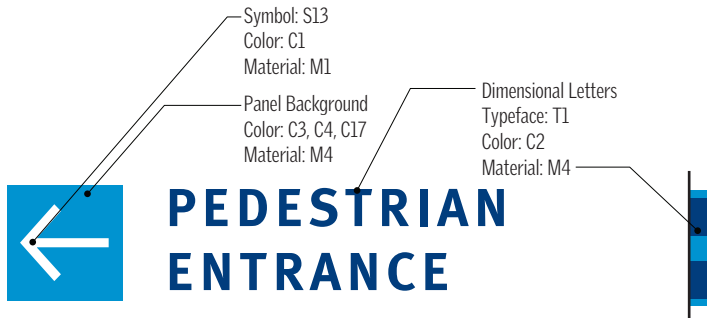
SIGN TYPE SPECIFICATIONS



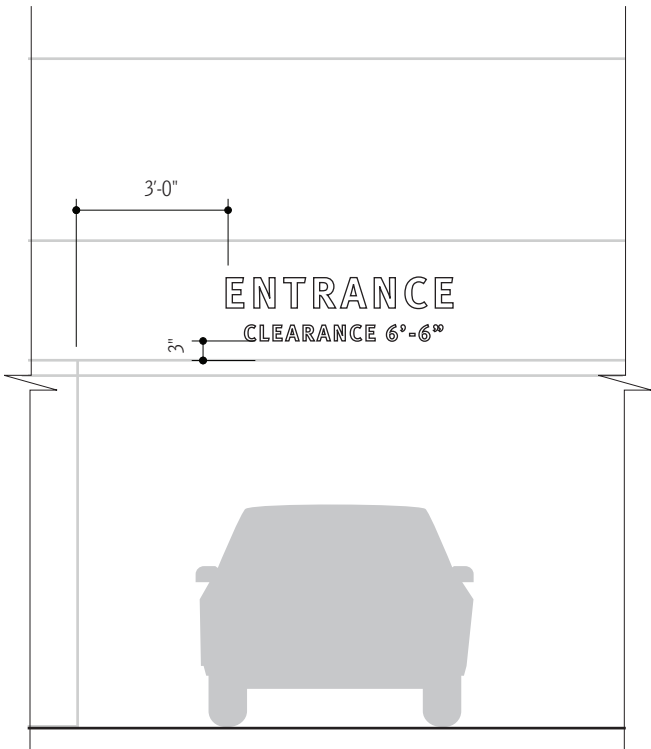
1 Graphic Layout - Sign Type N1
1/2" = 1'-0"



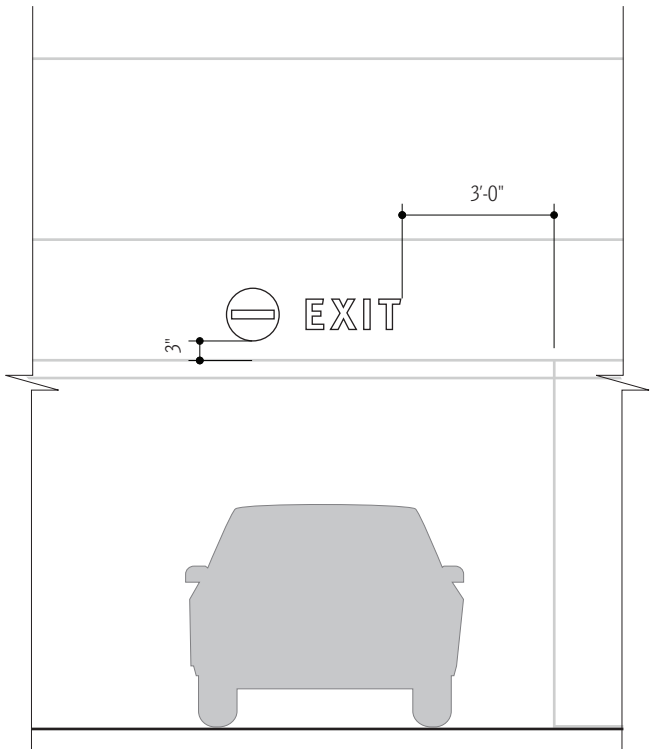
2 Graphic Layout - Sign Type N2
1/2" = 1'-0"



3 Graphic Layout - Sign Type N3
1/2" = 1'-0"



4 Installation Elevation - Sign Type N1
1/4" = 1'-0"



5 Installation Elevation - Sign Type N2
1/4" = 1'-0"

N1
GARAGE ENTRANCE ID

N2
EXIT ID

N3
PEDESTRIAN ENTRANCE ID

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Green Ophios
C16: Duron Standard SW6868 Real Red
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +100

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S8: [Mon_Col_DoNotEnter.eps]
S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Silver Spring/Takoma Park: C17

3.09 SIGN TYPES N1, N2 N3

SIGN TYPE SPECIFICATIONS

N1
GARAGE ENTRANCE ID

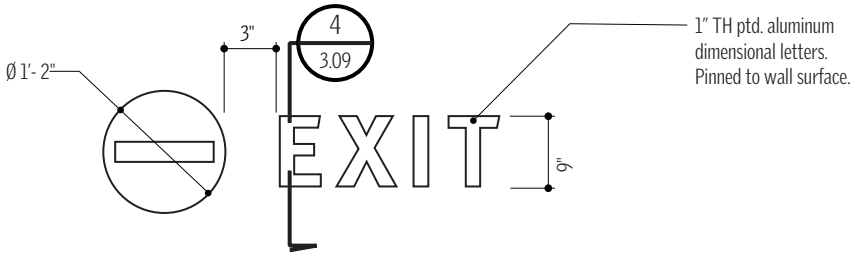
N2
EXIT ID

N3
PEDESTRIAN ENTRANCE ID

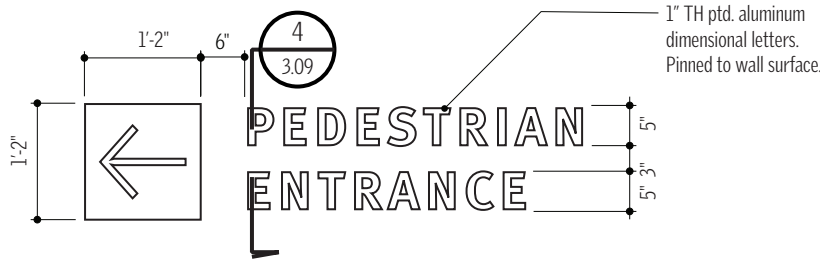
GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



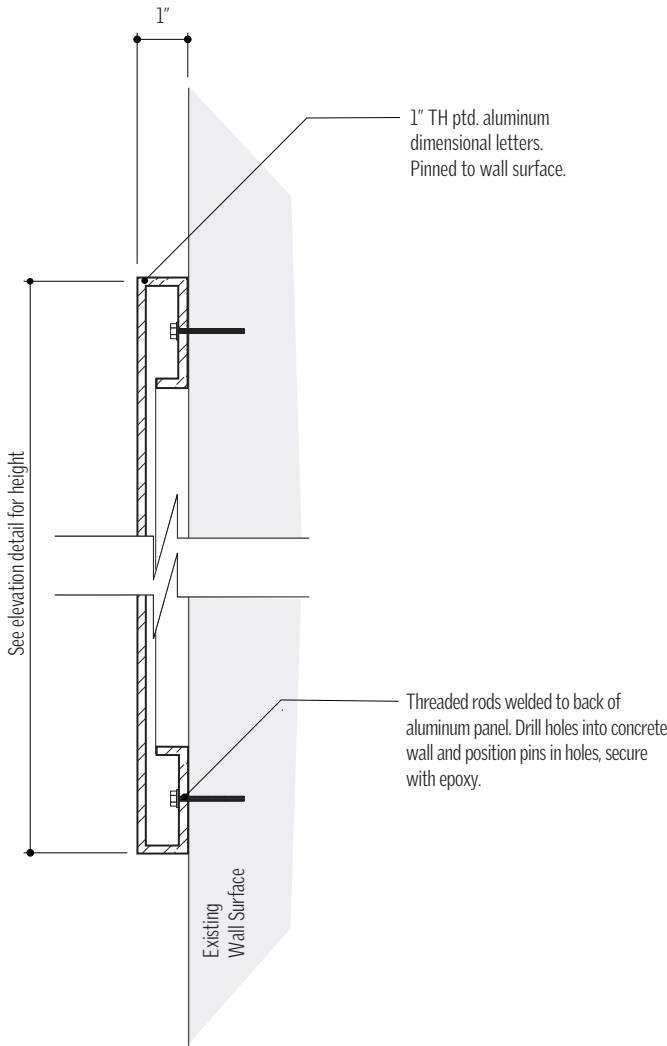
1 Elevation - Sign Type N1
1/2" = 1'-0"



2 Elevation - Sign Type N2
1/2" = 1'-0"



3 Elevation - Sign Type N3
1/2" = 1'-0"



4 Detail Section - Sign Types N1, N2, N3
3" = 1'-0"

3.10 SIGN TYPE P1

SIGN TYPE SPECIFICATIONS

P1
PARKING SYMBOL FLAG

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Green Ophios
C17*: Matthews Paint MP09133 Process Cyan U

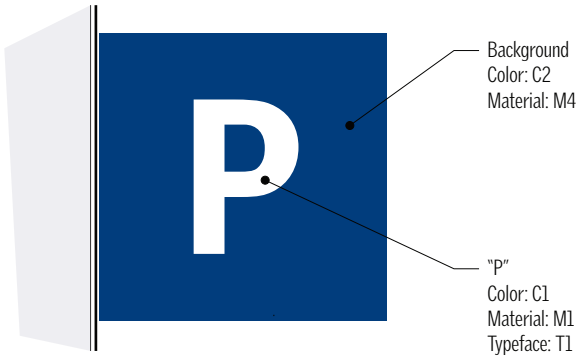
MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

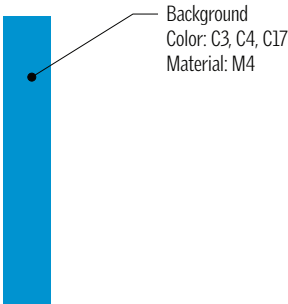
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Silver Spring/Takoma Park: C17



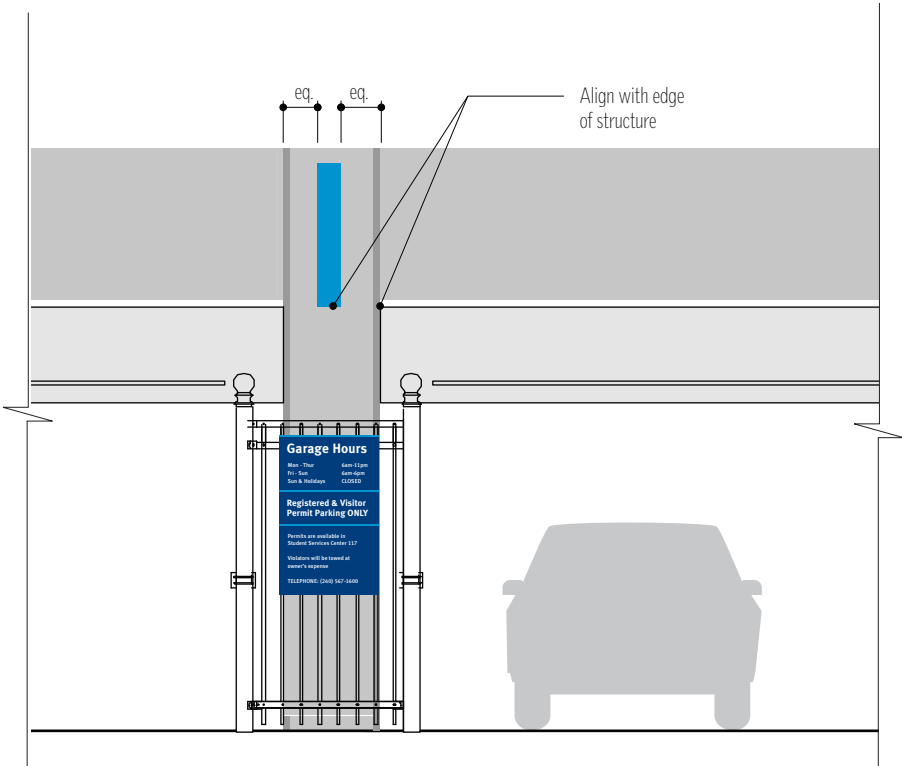
1 Plan View - Sign Type P1
1/2" = 1'-0"



2 Graphic Layout - Sign Type P1
1/2" = 1'-0"



3 Side View - Sign Type P1
1/2" = 1'-0"



4 Installation Elevation - Sign Type P1
1/4" = 1'-0"

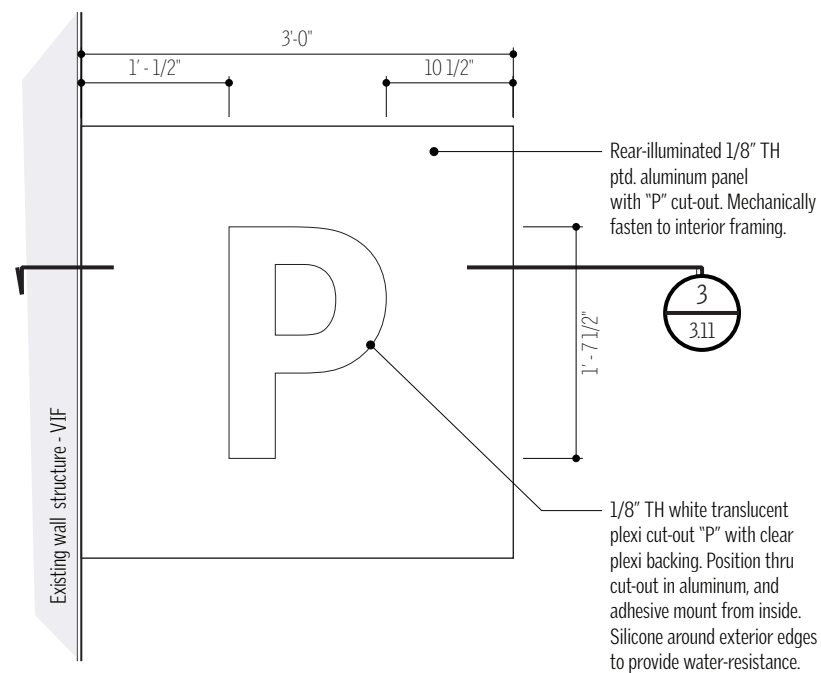
3.11 SIGN TYPE P1

SIGN TYPE SPECIFICATIONS

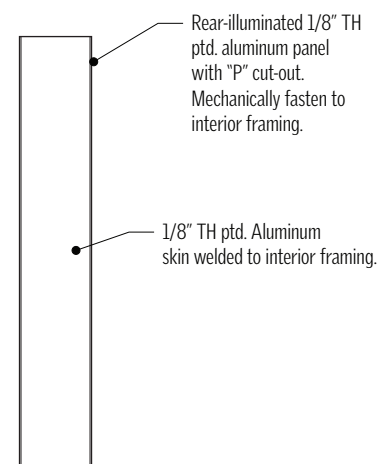
P1
PARKING SYMBOL FLAG

GENERAL NOTE

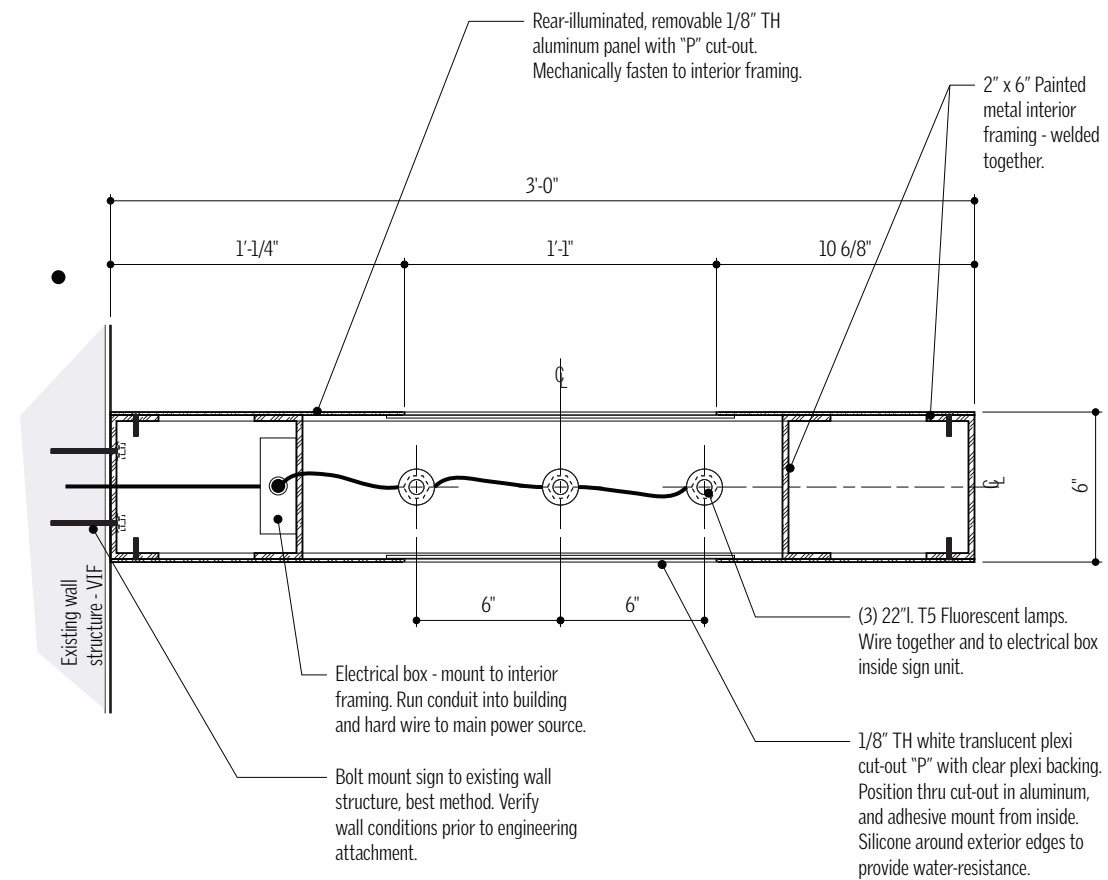
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type P1
3/4" = 1'-0"



2 Side View - Sign Type P1
 $3/4" = 1'-0"$



3 Detail Section - Sign Type P1
1 1/2" = 1'-0"

3.12 SIGN TYPE P2

SIGN TYPE SPECIFICATIONS

P2
LARGE REGULATORY

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP115184 Ophios Green
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M2: Reflective Vinyl
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

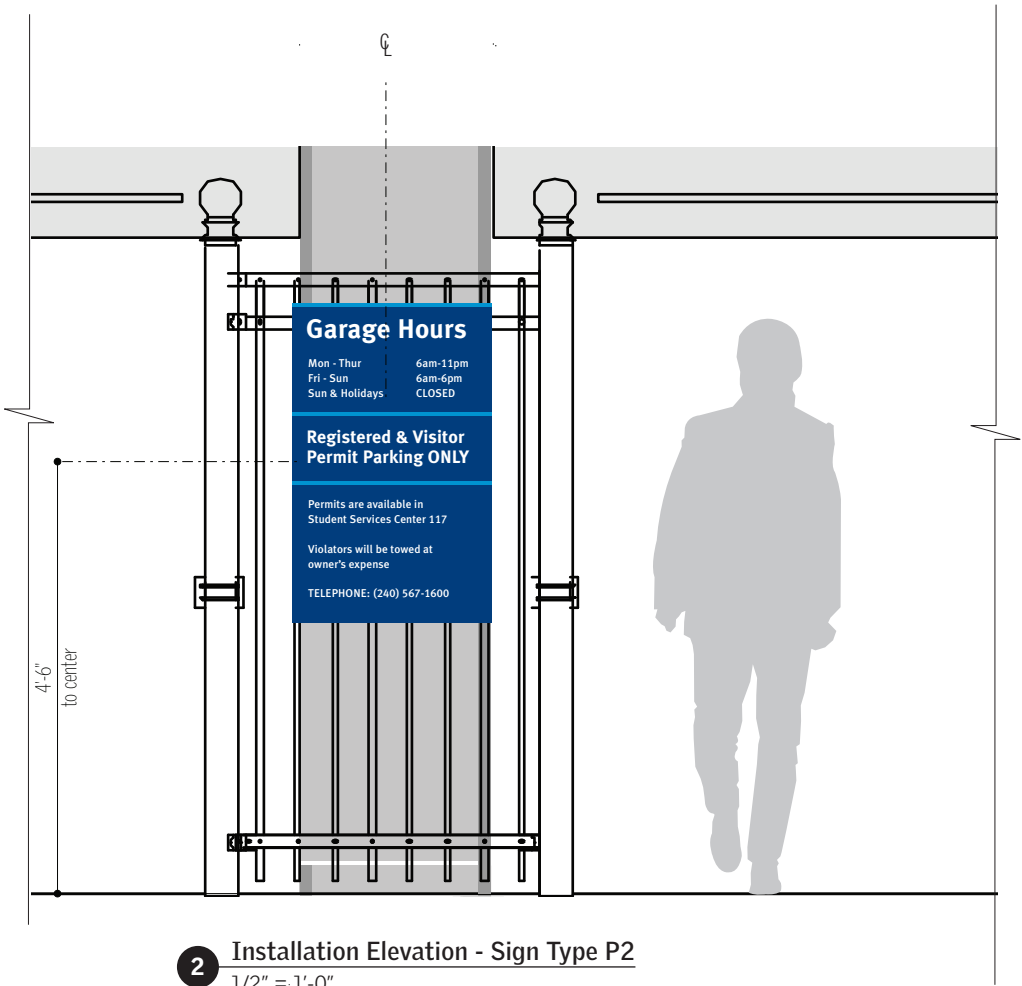
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+10
T1 (Upper/Lower Case):	+10
T2 (Upper Case):	+10
T2 (Upper/Lower Case):	+10

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Silver Spring/Takoma Park: C17



1 Graphic Layout - Sign Type P2
1 1/2" = 1'-0"



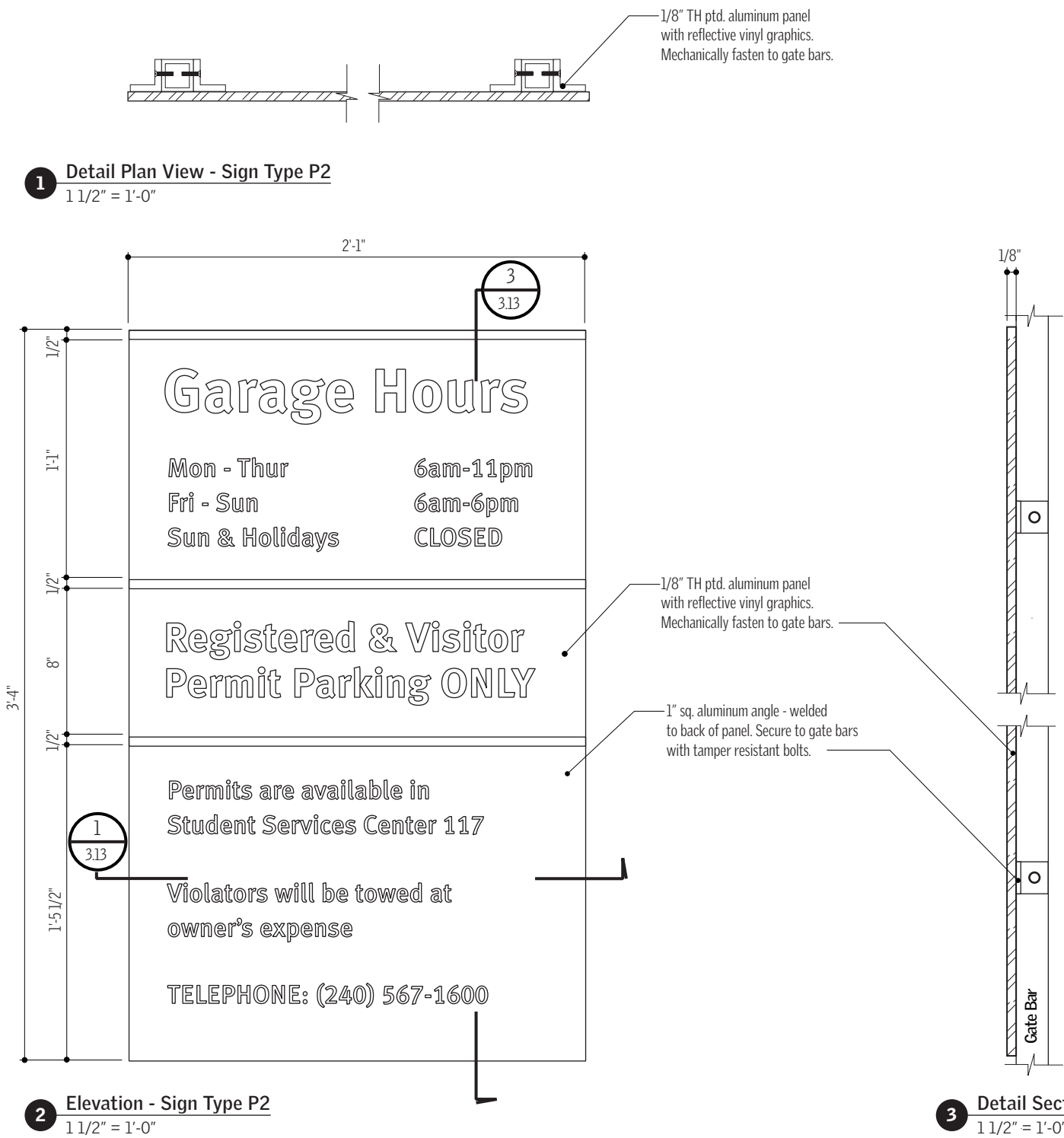
2 Installation Elevation - Sign Type P2
1/2" = 1'-0"

3.13 SIGN TYPE P2

SIGN TYPE SPECIFICATIONS

P2
LARGE REGULATORY

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.14 SIGN TYPE Q1

SIGN TYPE SPECIFICATIONS

Q1
VEHICULAR OVERHEAD DIRECTIONAL
(LARGE)

- COLOR SCHEDULE
- C1: Duron Standard SW7005 Pure White
 - C2: Matthews Paint MP56089 Blue Satin Finish
 - C5*: Duron Standard SW6789 Blue Mosque
 - C6*: Duron Standard SW6893 Kid's Stuff
 - C7*: Duron Standard SW6719 Gecko
 - C8*: Duron Standard SW6869 Stop
 - C9*: Duron Standard SW6832 Impulsive Purple
 - C19* Duron Standard SW6947 Tempo Teal

- MATERIAL SCHEDULE
- M1: Frisket Painting Color
 - M2: Reflective Vinyl
 - M3: Powder Coated Aluminum
 - M4: Painted Aluminum

- TYPEFACE SCHEDULE
- T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case): +0

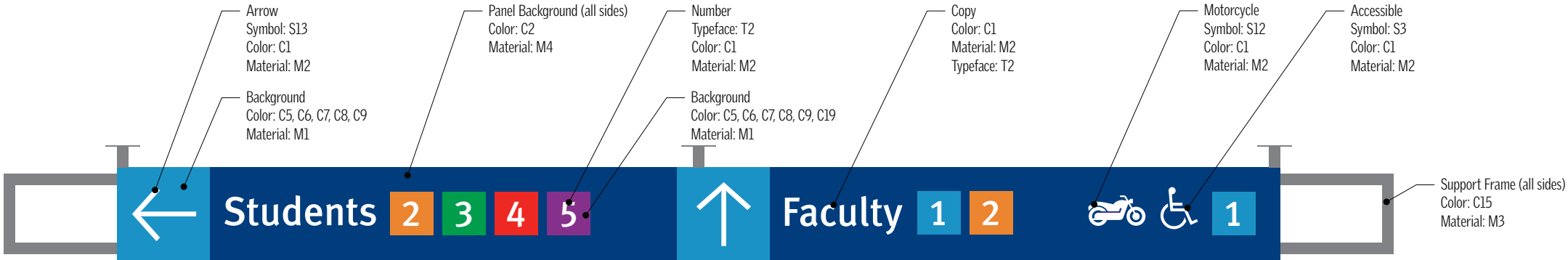
SYMBOL SCHEDULE

Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

- S3: [Mon_Col_Accessible.eps]
- S12: [Mon_Col_Motorcycle.eps]
- S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to level designation:

- Level 1: C5
- Level 2: C6
- Level 3: C7
- Level 4: C8
- Level 5: C9
- Level 6: C19



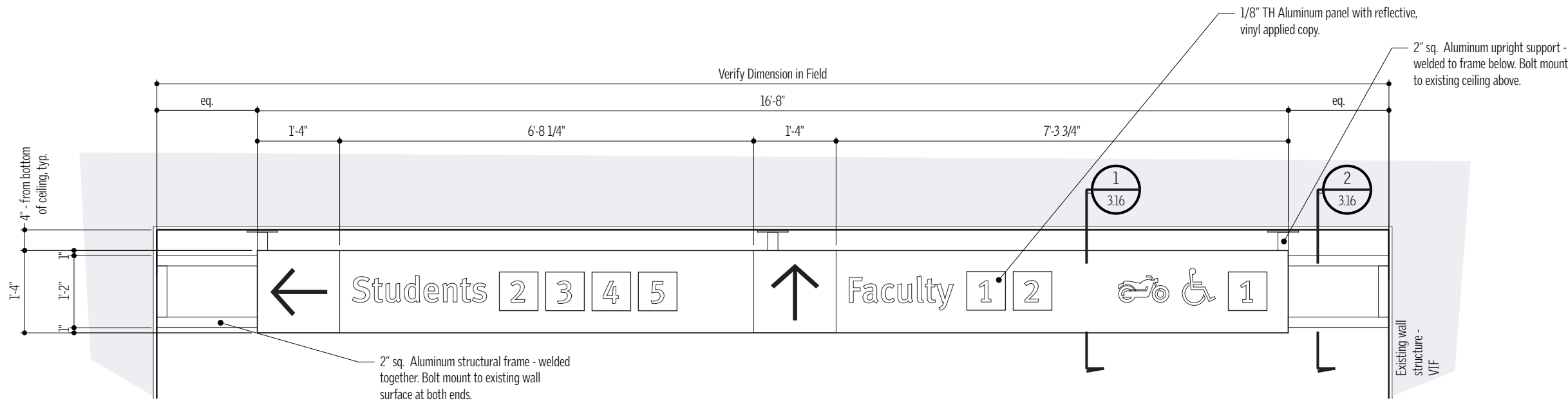
1 Graphic Layout - Sign Type Q1
1/2" = 1'-0"

3.15 SIGN TYPE Q1

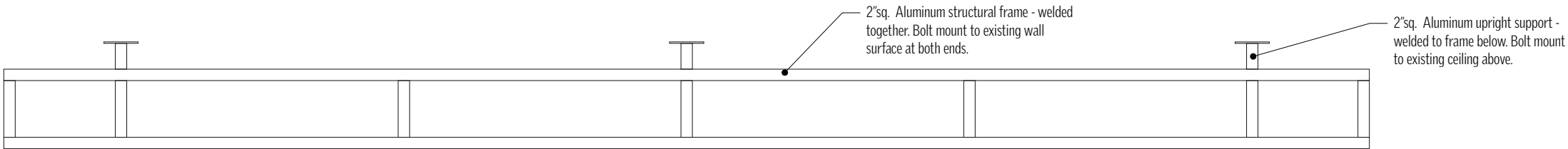
SIGN TYPE SPECIFICATIONS

Q1
VEHICULAR OVERHEAD DIRECTIONAL
(LARGE)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Panel - Sign Type Q1
1/2" = 1'-0"



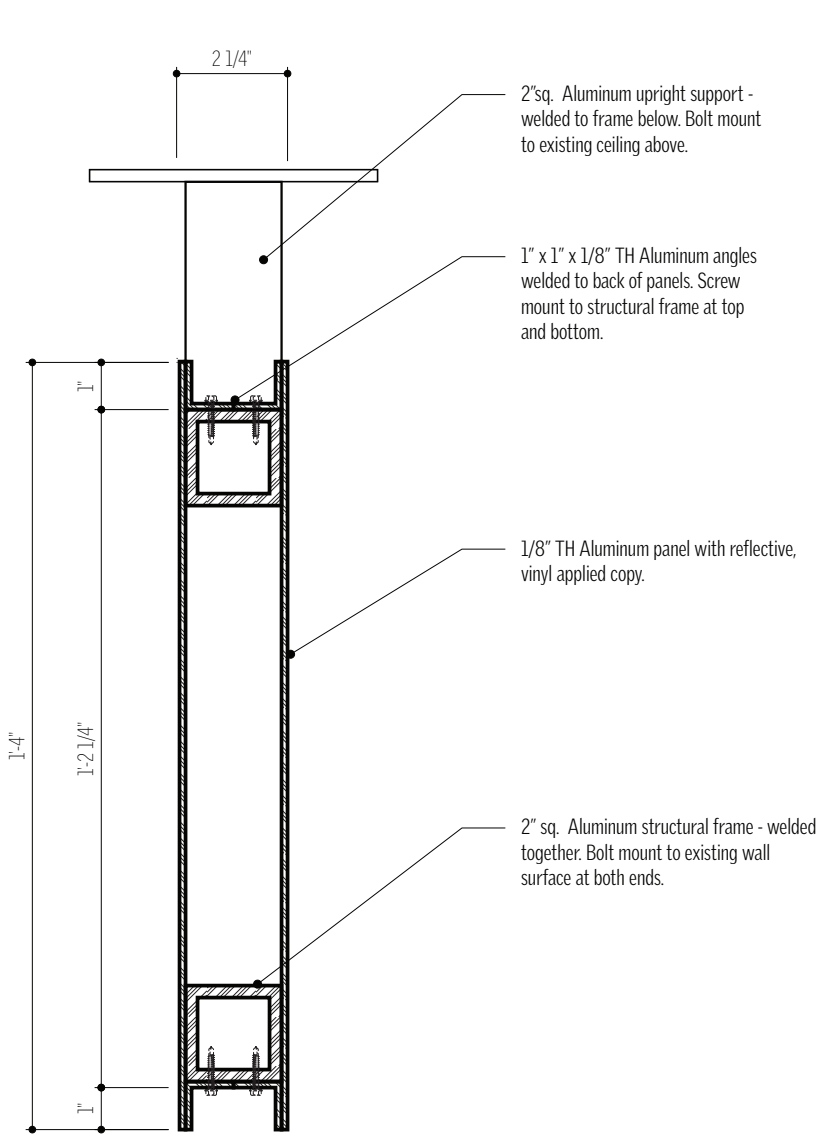
2 Elevation - Frame - Sign Type Q1
1/2" = 1'-0"

NOTE:
Fabricator to coordinate with structural designer all materials and sizes.

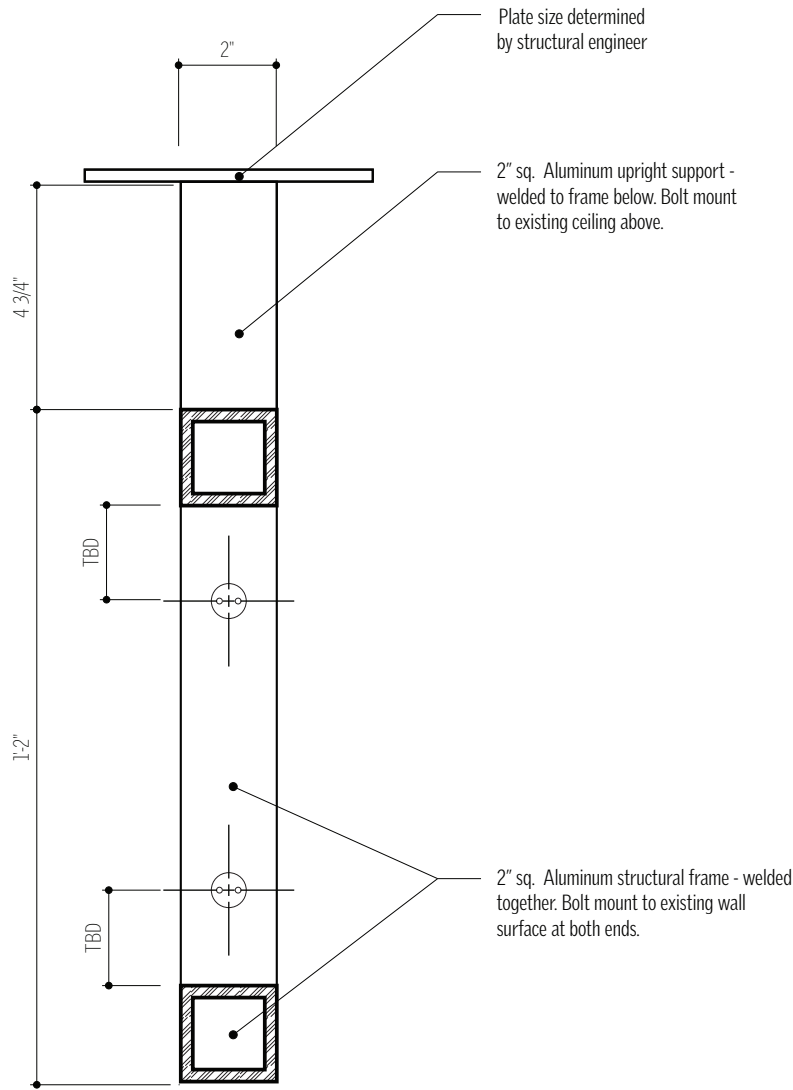
3.16 SIGN TYPE Q1

SIGN TYPE SPECIFICATIONS

Q1
VEHICULAR OVERHEAD DIRECTIONAL
(LARGE)



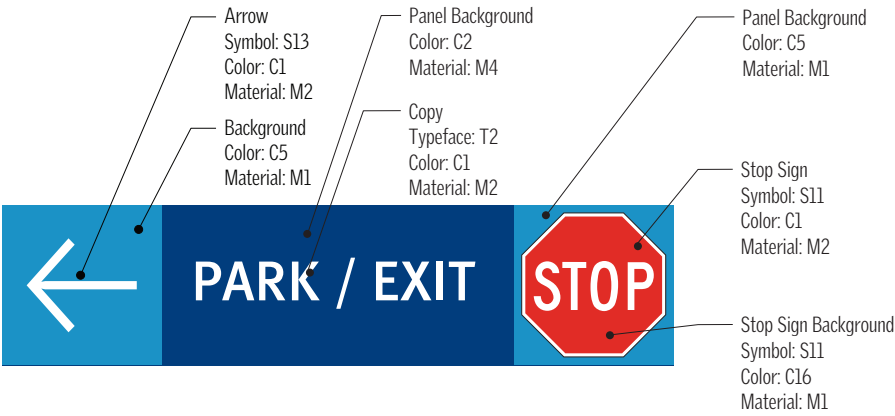
1 Detail Section - Panel and Frame - Sign Type Q1
3" = 1'-0"



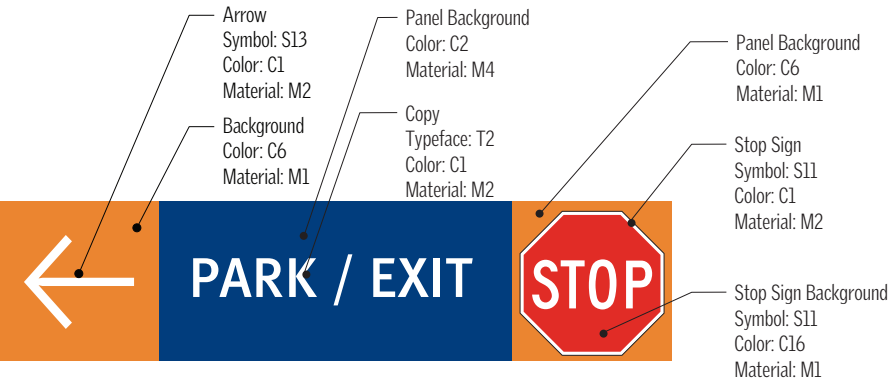
2 Detail Section - Frame - Sign Type Q1
3" = 1'-0"

3.17 SIGN TYPE Q2A

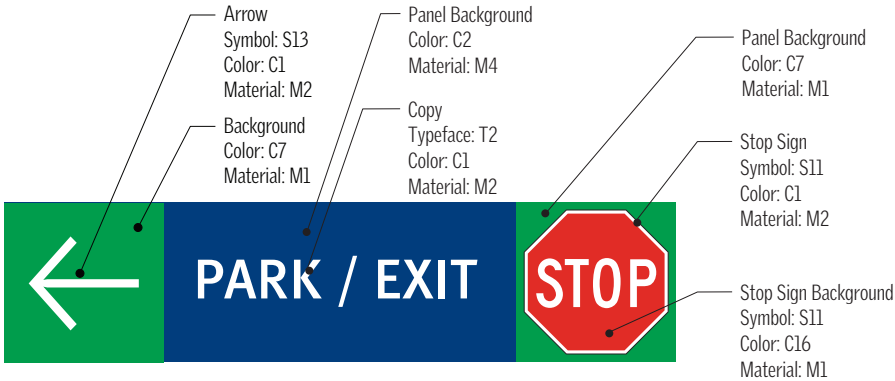
SIGN TYPE SPECIFICATIONS



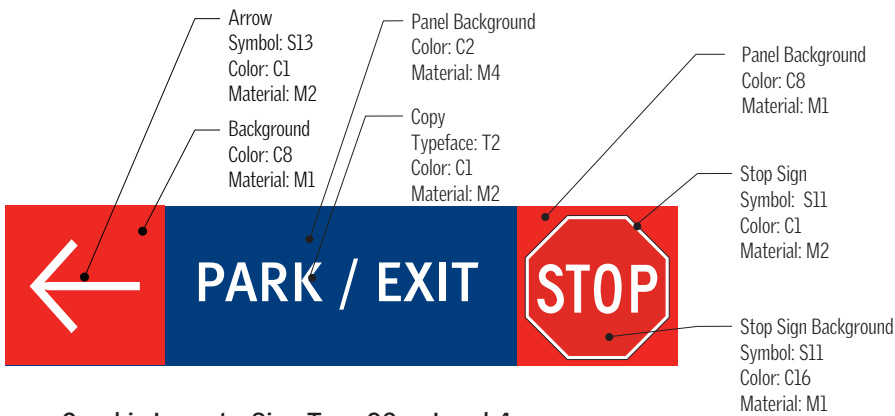
1 Graphic Layout - Sign Type Q2a - Level 1
1/2" = 1'-0"



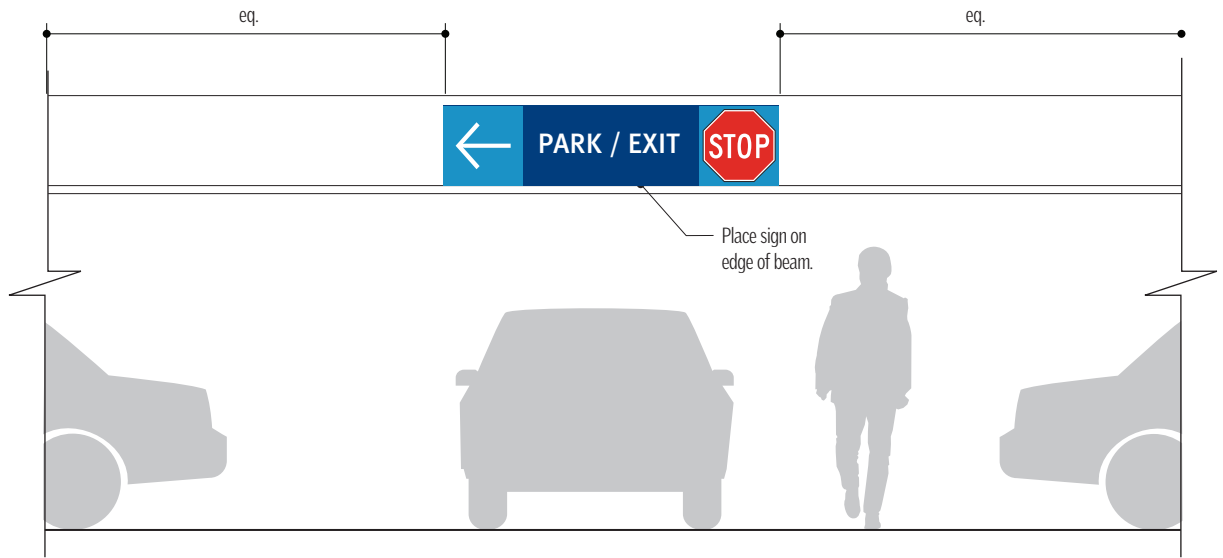
2 Graphic Layout - Sign Type Q2a - Level 2
1/2" = 1'-0"



3 Graphic Layout - Sign Type Q2a - Level 3
1/2" = 1'-0"



4 Graphic Layout - Sign Type Q2a - Level 4
1/2" = 1'-0"



5 Installation Elevation - Sign Type Q2a - Level 1
1/4" = 1'-0"

Q2A
VEHICULAR OVERHEAD DIRECTIONAL
(STOP SIGN)

COLOR SCHEDULE

C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C5*: Duron Standard SW6799 Blue Mosque
C6*: Duron Standard SW6893 Kid's Stuff
C7*: Duron Standard SW6719 Gecko
C8*: Duron Standard SW6869 Stop
C9*: Duron Standard SW6832 Impulsive Purple
C16: Duron Standard SW6868 Real Red
C19* Duron Standard SW6947 Tempo Teal

MATERIAL SCHEDULE

M1: Frisket Painting Color
M2: Reflective Vinyl
M4: Painted Aluminum

TYPEFACE SCHEDULE

T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0

SYMBOL SCHEDULE

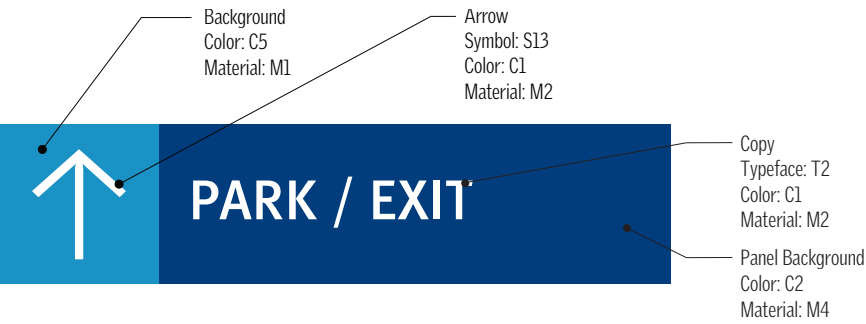
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S11: [Mon_Col_Stop.eps]
S13: [Mon_Col_Arrow.eps]

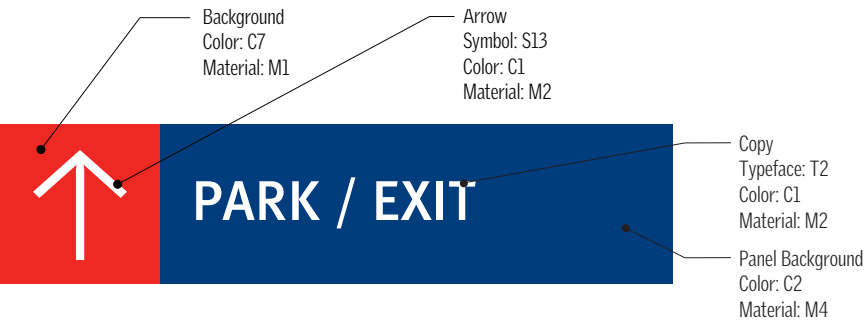
*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19

3.18 SIGN TYPE Q2B

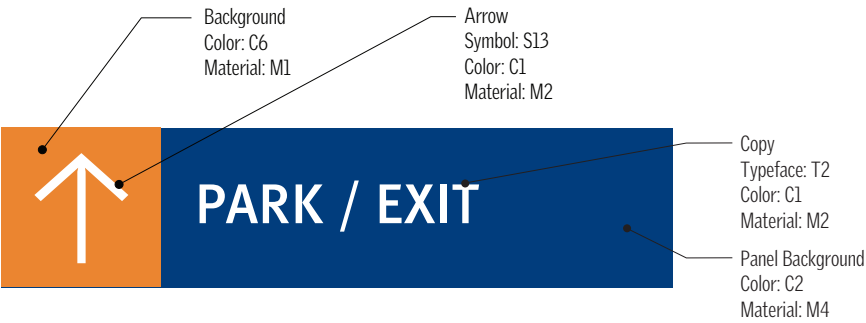
SIGN TYPE SPECIFICATIONS



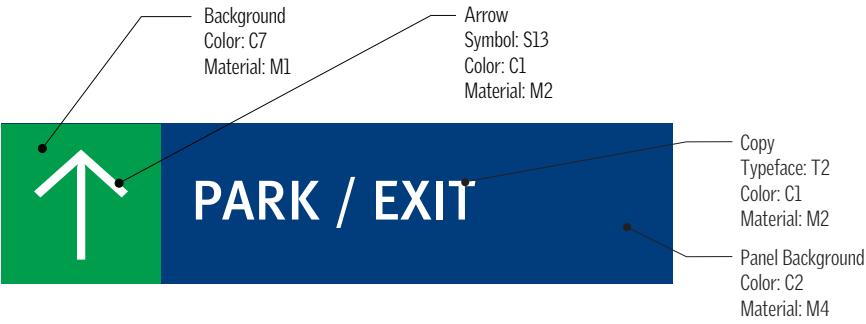
1 Graphic Layout - Sign Type Q2b - Level 1
1/2" = 1'-0"



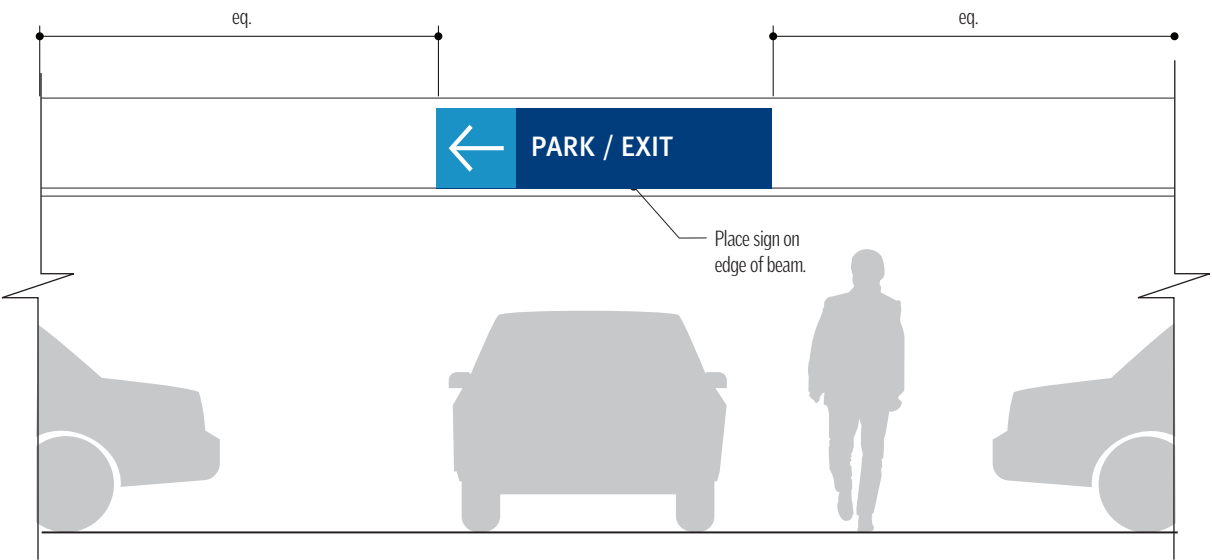
4 Graphic Layout - Sign Type Q2b - Level 4
1/2" = 1'-0"



2 Graphic Layout - Sign Type Q2b - Level 2
1/2" = 1'-0"



3 Graphic Layout - Sign Type Q2b - Level 3
1/2" = 1'-0"



5 Installation Elevation - Sign Type Q2b - Level 1
1/4" = 1'-0"

Q2B
VEHICULAR OVERHEAD DIRECTIONAL
(SMALL)

- COLOR SCHEDULE**
- C1: Duron Standard SW7005 Pure White
 - C2: Matthews Paint MP56089 Blue Satin Finish
 - C5*: Duron Standard SW6799 Blue Mosque
 - C6*: Duron Standard SW6893 Kid's Stuff
 - C7*: Duron Standard W6719 Gecko
 - C8*: Duron Standard SW6869 Stop
 - C9*: Duron Standard SW6832 Impulsive Purple
 - C19* Duron Standard SW6947 Tempo Teal

- MATERIAL SCHEDULE**
- M1: Frisket Painting Color
 - M2: Reflective Vinyl
 - M3: Painted Aluminum

- TYPEFACE SCHEDULE**
- T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0

SYMBOL SCHEDULE

Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to level designation:

- Level 1: C5
- Level 2: C6
- Level 3: C7
- Level 4: C8
- Level 5: C9
- Level 6: C19

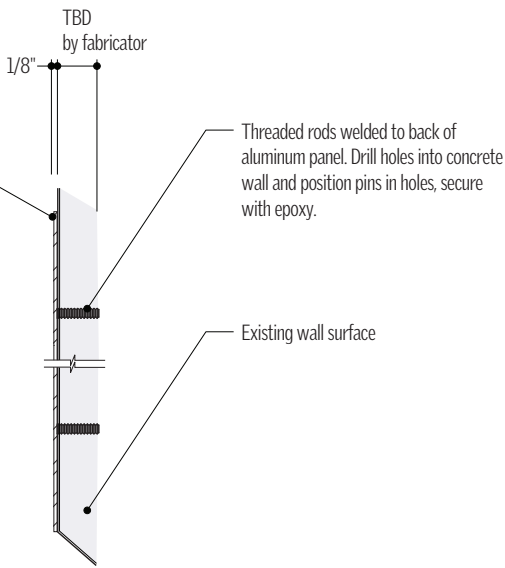
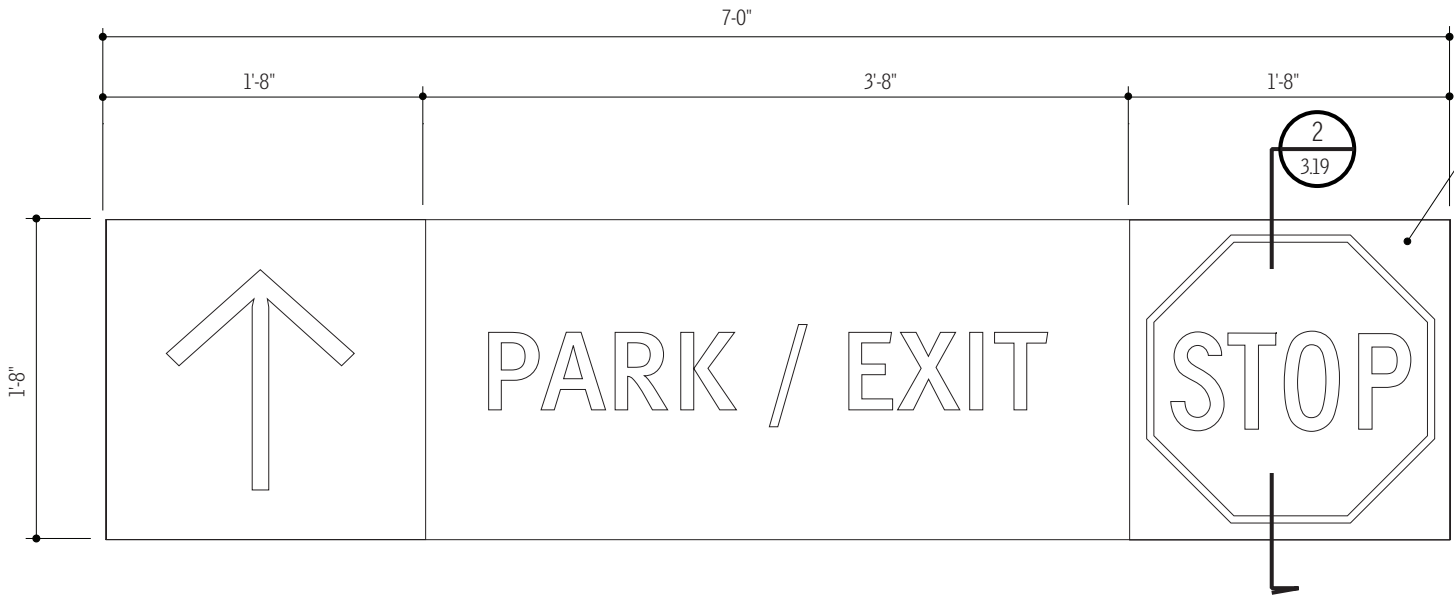
3.19 SIGN TYPE Q2A, Q2B

SIGN TYPE SPECIFICATIONS

Q2A
VEHICULAR OVERHEAD DIRECTIONAL
(STOP SIGN)

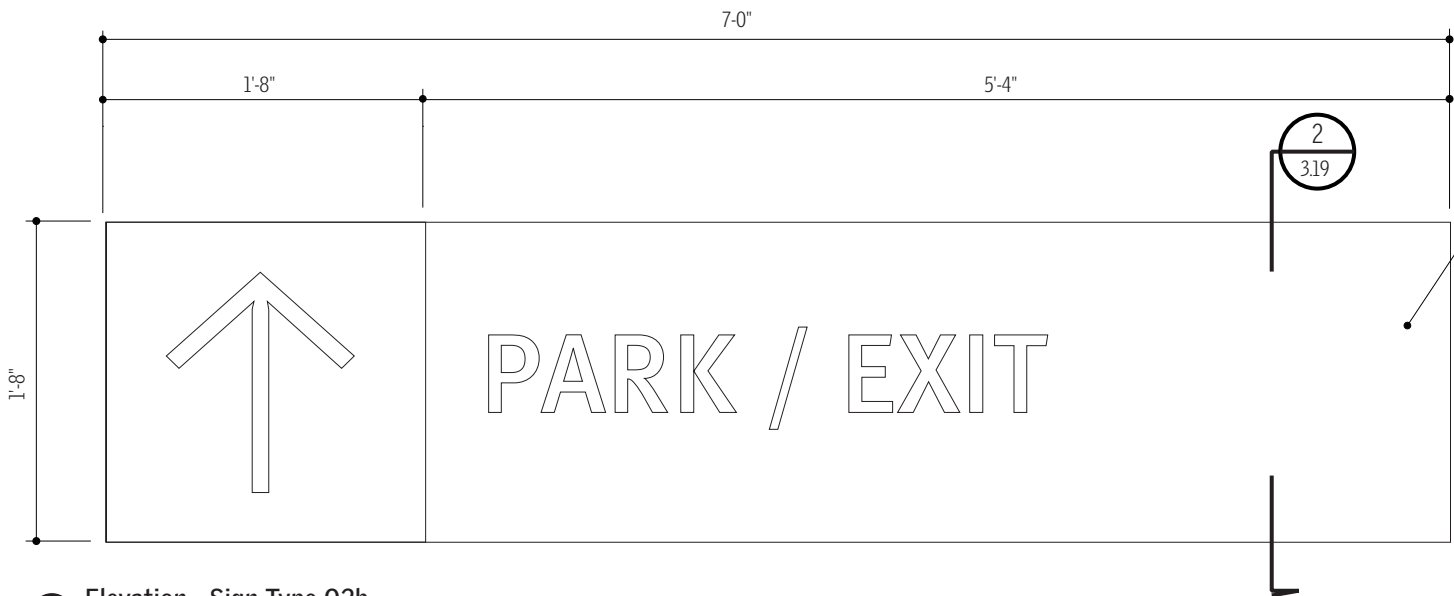
Q2B
VEHICULAR OVERHEAD DIRECTIONAL
(SMALL)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type Q2a
1" = 1'-0"

2 Detail Section - Sign Types Q2a, Q2b
1" = 1'-0"



3 Elevation - Sign Type Q2b
1" = 1'-0"

3.20 SIGN TYPE Q3

SIGN TYPE SPECIFICATIONS

Q3
ELEVATOR AND STAIR AREA ID

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish

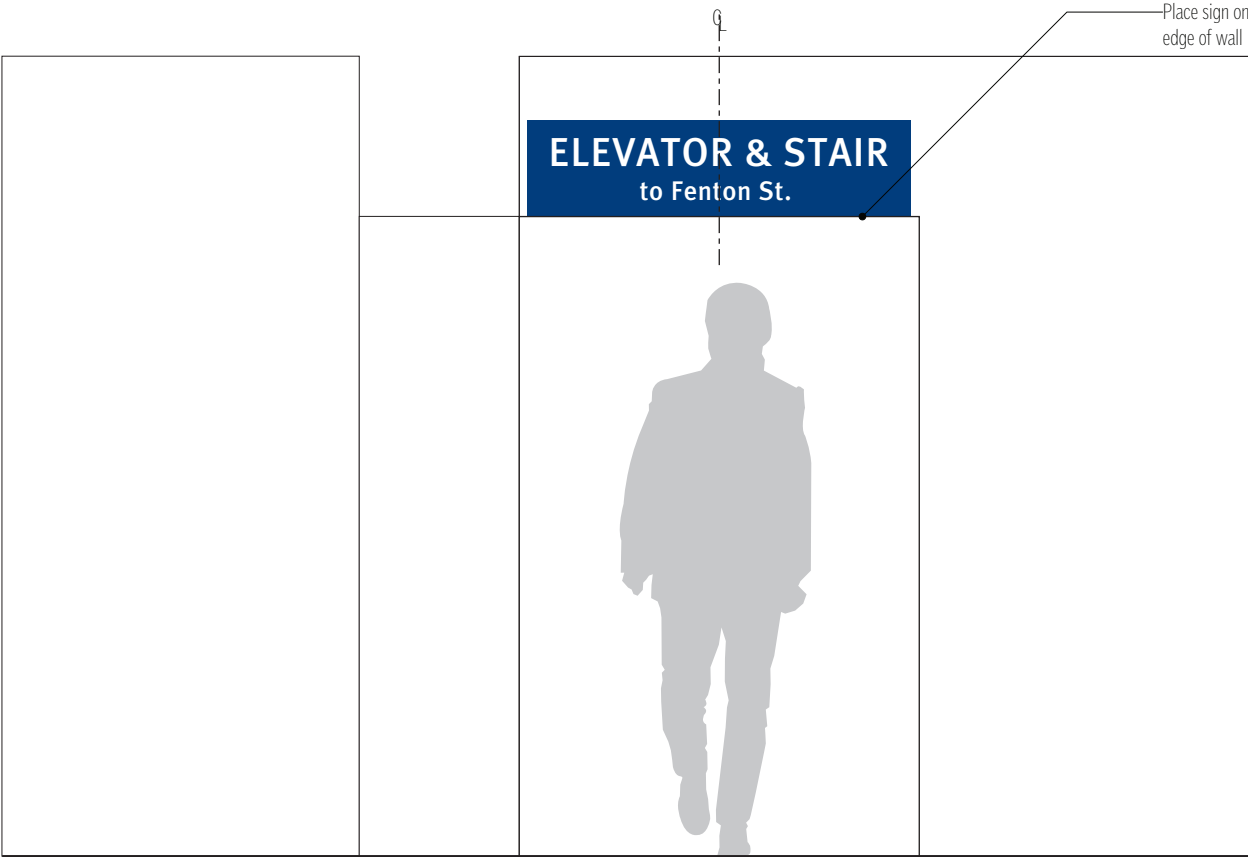
MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.
T2 (Upper Case): +25
T2 (Upper/Lower Case): +25



1 Graphic Layout - Sign Type Q3
1" = 1'-0"



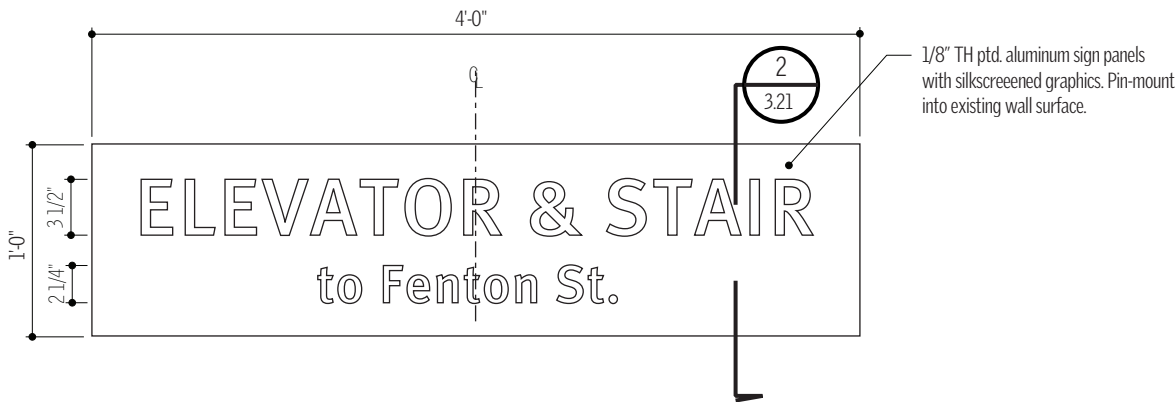
2 Installation Elevation - Sign Type Q3
1/2" = 1'-0"

3.21 SIGN TYPE Q3

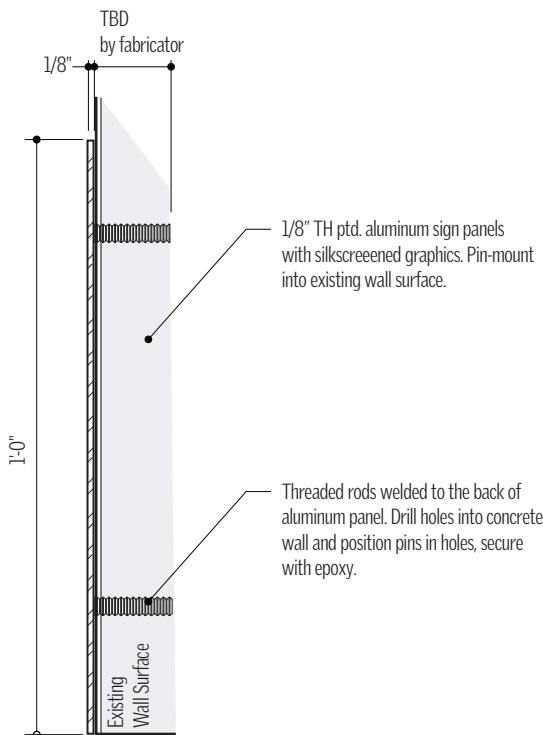
SIGN TYPE SPECIFICATIONS

Q3
ELEVATOR AND STAIR AREA ID

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



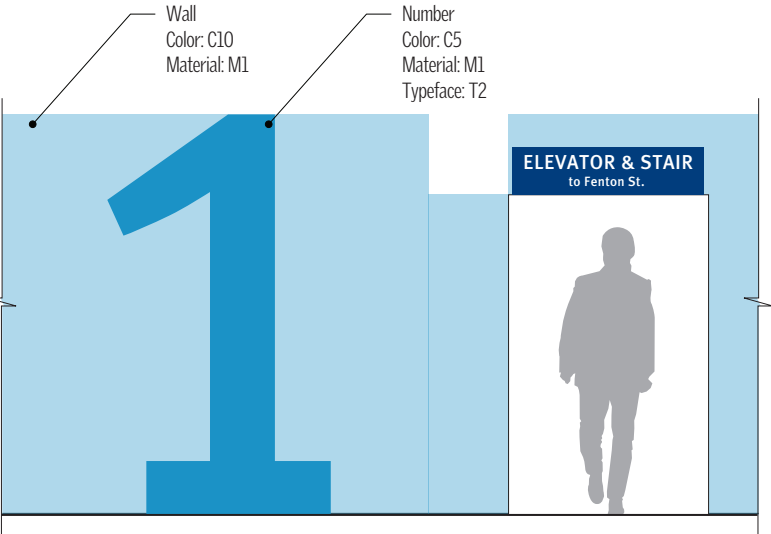
1 Elevation - Sign Type Q3
1" = 1'-0"



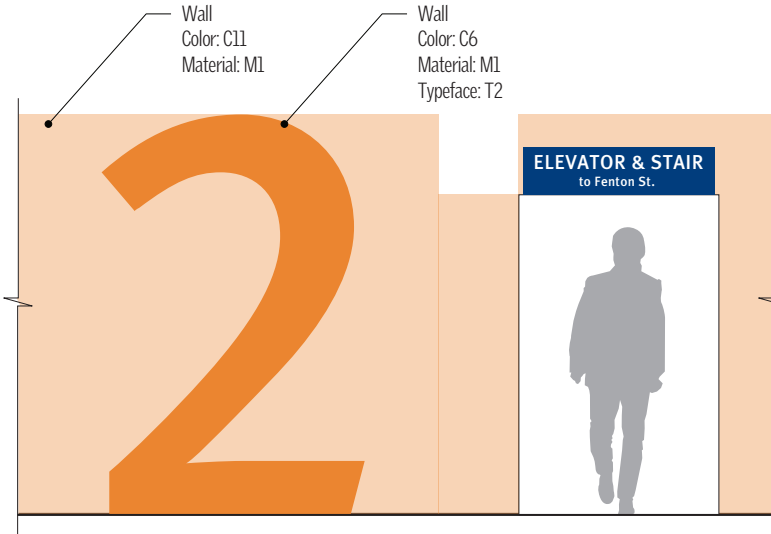
2 Detail Section - Sign Type Q3
3" = 1'-0"

3.22 SIGN TYPE R1

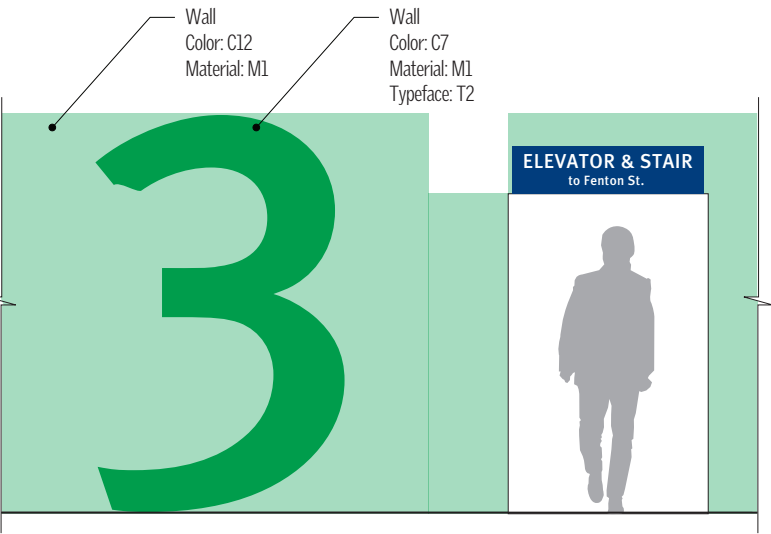
SIGN TYPE SPECIFICATIONS



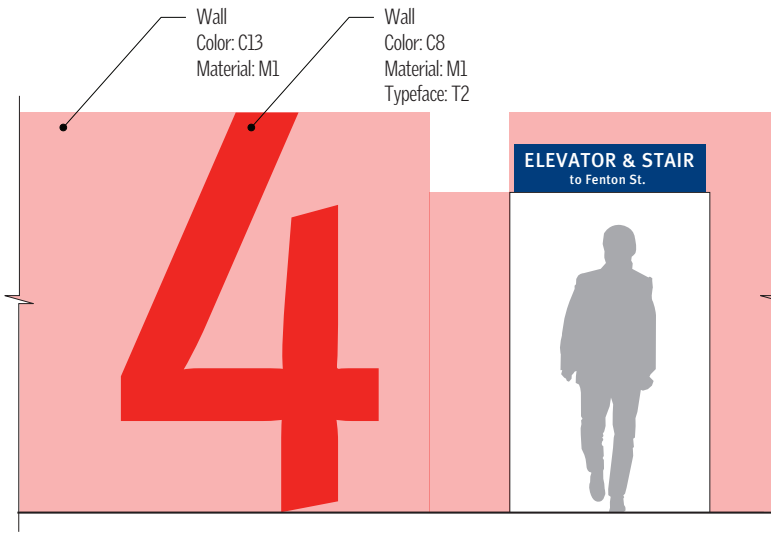
1 Graphic Layout - Sign Type R1 - Level 1
1/4" = 1'-0"



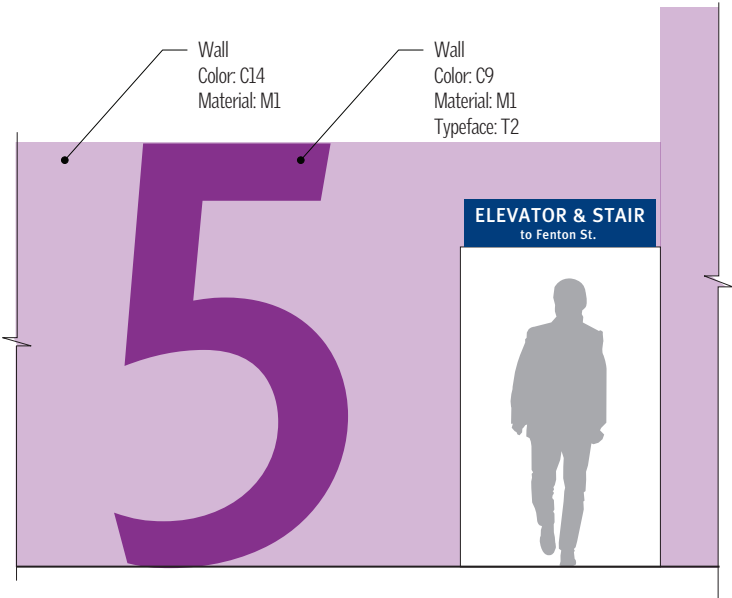
2 Graphic Layout - Sign Type R1 - Level 2
1/4" = 1'-0"



3 Graphic Layout - Sign Type R1 - Level 3
1/4" = 1'-0"



4 Graphic Layout - Sign Type R1 - Level 4
1/4" = 1'-0"



5 Graphic Layout - Sign Type R1 - Level 5
1/4" = 1'-0"

R1
ELEVATOR AND STAIR ID
(WALL GRAPHIC)

COLOR SCHEDULE

- C1: Duron Standard SW7005 Pure White
- C2: Matthews Paint MP56089 Blue Satin Finish
- C5*: Duron Standard SW6799 Blue Mosque
- C6*: Duron Standard SW6893 Kid's Stuff
- C7*: Duron Standard SW6719 Gecko
- C8*: Duron Standard SW6869 Stop
- C9*: Duron Standard SW6832 Impulsive Purple
- C10*: Duron Standard SW6782 Cloudless
- C11*: Duron Standard SW6888 Pizzaz Peach
- C12*: Duron Standard SW6716 Dancing Green
- C13*: Duron Standard SW6873 Coral Bead
- C14*: Duron Standard SW6829 Magical
- C19* Duron Standard SW6947 Tempo Teal
- C20*: Duron Standard SW6925 Belize

MATERIAL SCHEDULE

- M1: Frisket Painting Color

TYPEFACE SCHEDULE

- T2: MetaPlus LF Medium

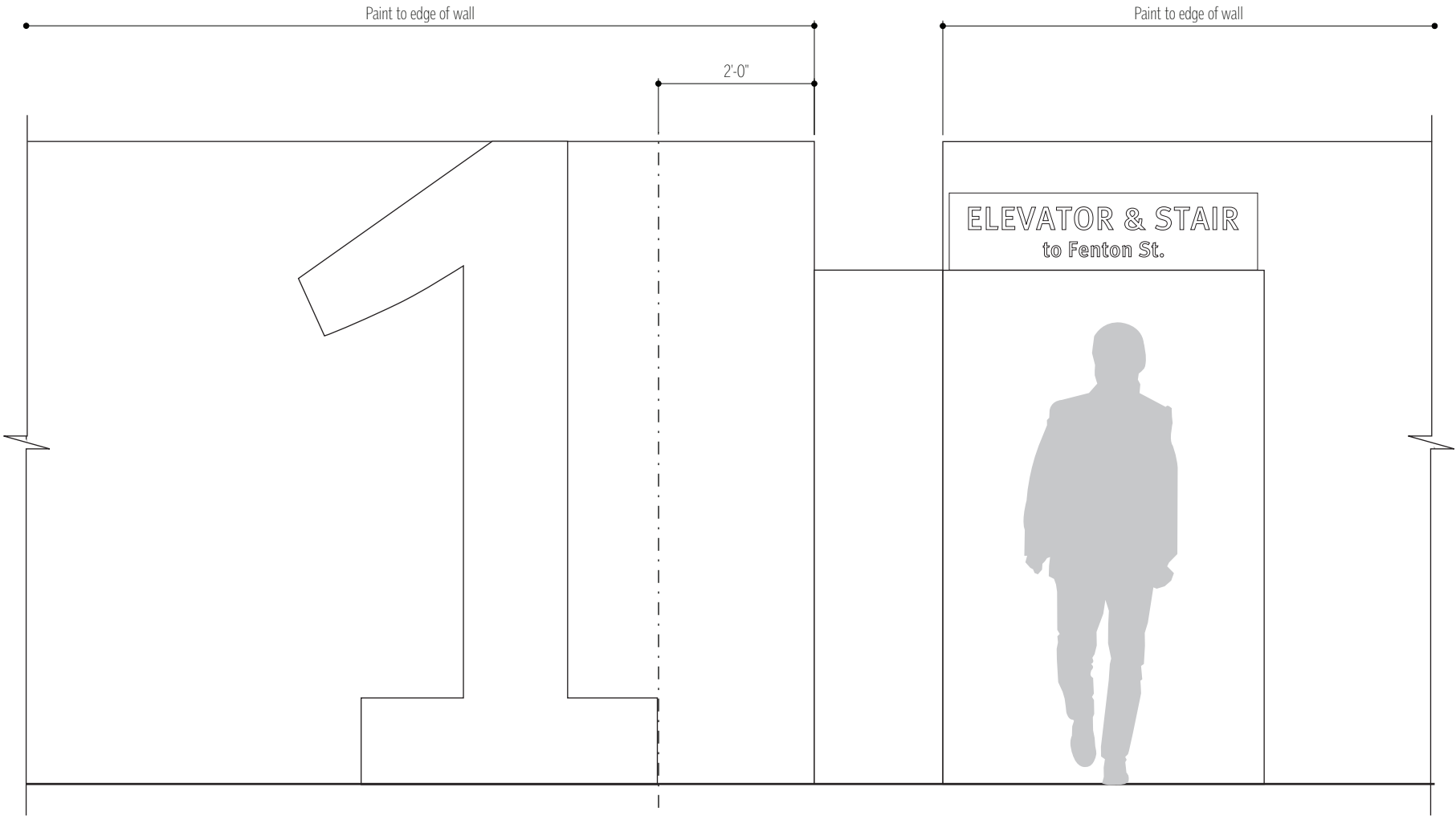
*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19

3.23 SIGN TYPE R1

SIGN TYPE SPECIFICATIONS

R1
ELEVATOR AND STAIR ID
(WALL GRAPHIC)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Installation Elevation - Sign Type R1
1/2" = 1'-0"

3.24 SIGN TYPE S1

SIGN TYPE SPECIFICATIONS

S1
LEVEL ID AND PEDESTRIAN DIRECTIONAL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C5*: Duron Standard SW6799 Blue Mosque C6*: Duron Standard SW6893 Kid's Stuff
C7*: Duron Standard SW6719 Gecko
C8*: Duron Standard SW6869 Stop
C9*: Duron Standard SW6832 Impulsive Purple
C19* Duron Standard SW6947 Tempo Teal

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

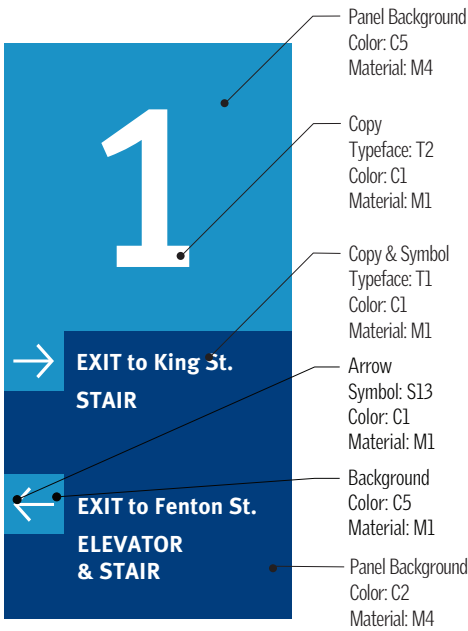
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +10
T1 (Upper/Lower Case): +0

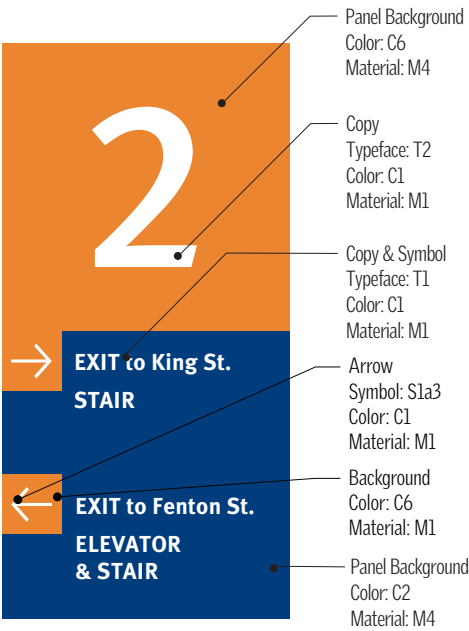
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S13: [Mon_Col_Arrow.eps]

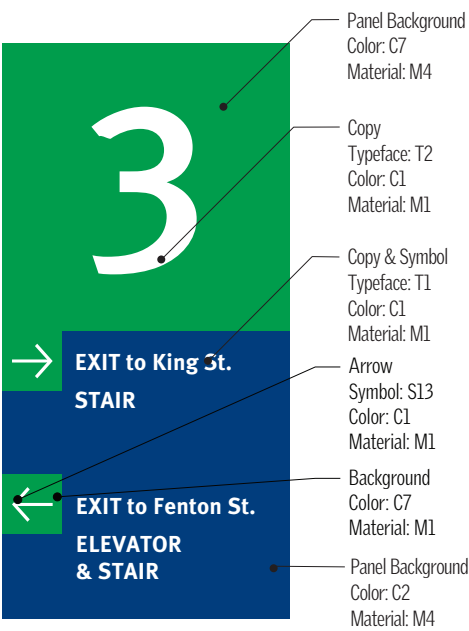
*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19



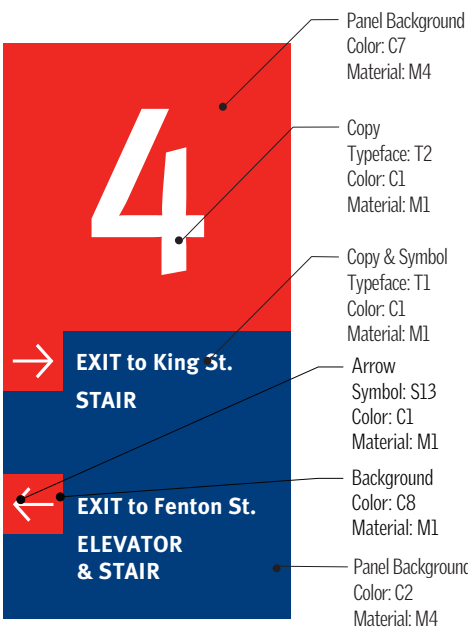
1 Graphic Layout - Sign Type S1 - Level 1
1 1/2" = 1'-0"



2 Graphic Layout - Sign Type S1 - Level 2
1 1/2" = 1'-0"



3 Graphic Layout - Sign Type S1 - Level 3
1 1/2" = 1'-0"



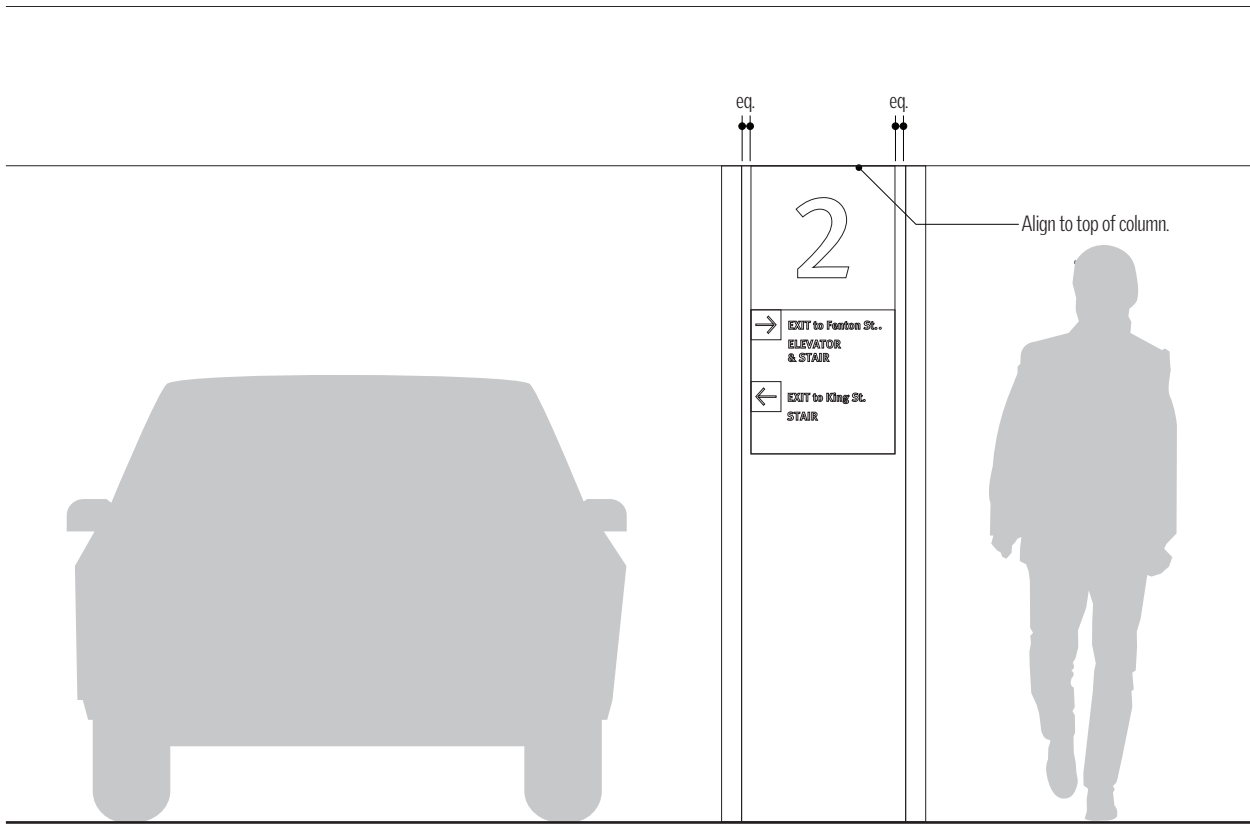
4 Graphic Layout - Sign Type S1 - Level 4
1 1/2" = 1'-0"

3.25 SIGN TYPE S1

SIGN TYPE SPECIFICATIONS

S1
LEVEL ID AND PEDESTRIAN DIRECTIONAL

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

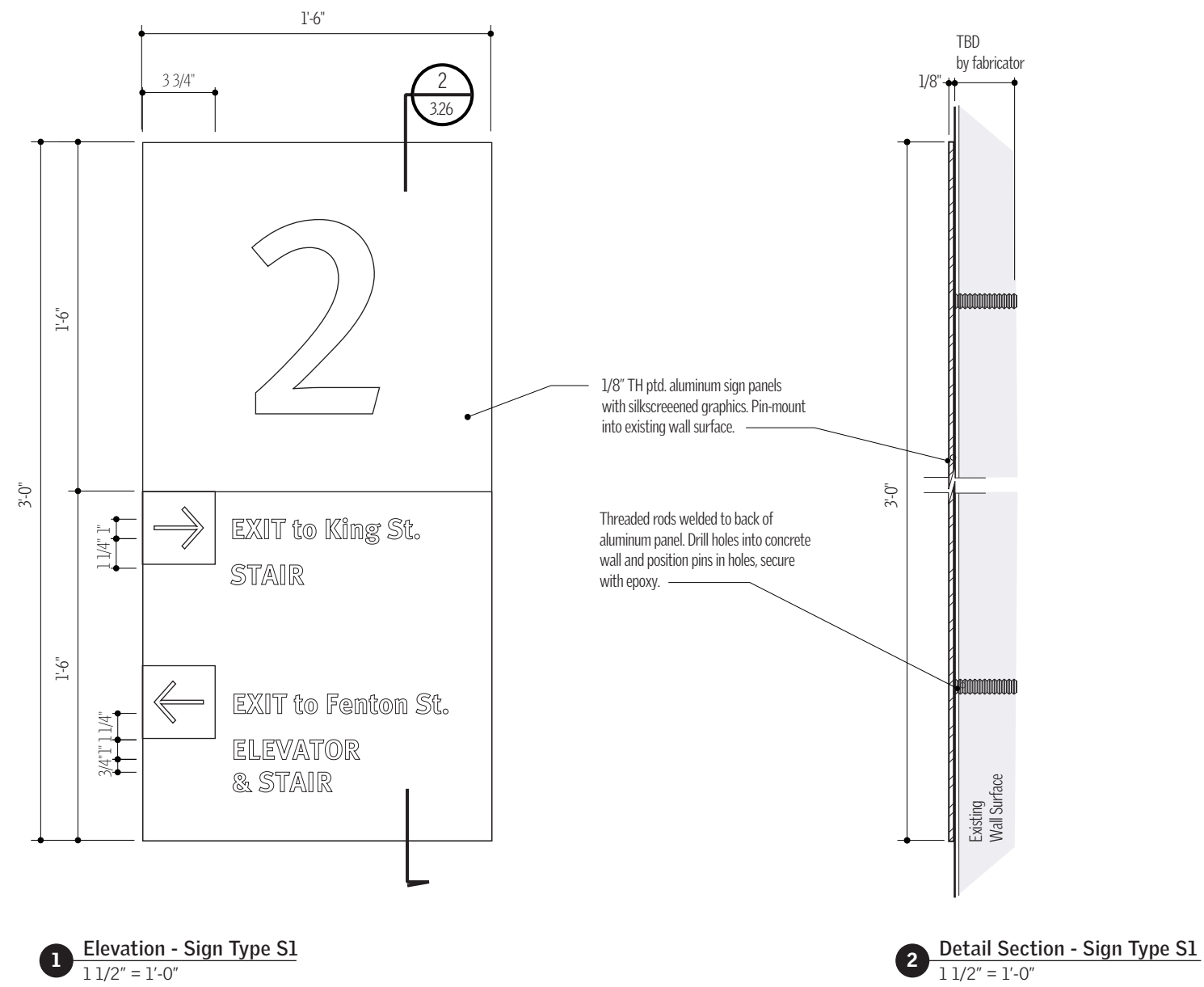


1 Installation Elevation - Sign Type S1
1/2" = 1'-0"

3.26 SIGN TYPE S1

SIGN TYPE SPECIFICATIONS

S1
LEVEL ID AND PEDESTRIAN DIRECTIONAL



3.27 SIGN TYPES R2, S2A

SIGN TYPE SPECIFICATIONS

R2
WALL LEVEL ID OCCUPANCY SIDE

S2A
STAIR ID, OCCUPANCY SIDE

COLOR SCHEDULE

- C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C5*: Duron Standard SW6799 Blue Mosque C6*: Duron Standard SW6893 Kid's Stuff
C7*: Duron Standard SW6719 Gecko
C8*: Duron Standard SW6869 Stop
C9*: Duron Standard SW6832 Impulsive Purple
C10*: Duron Standard SW6782 Cloudless
C11*: Duron Standard SW6888 Pizzaz Peach
C12*: Duron Standard SW6716 Dancing Green
C13*: Duron Standard SW6873 Coral Bead C14*: Duron Standard SW6829 Magical
C16: Duron Standard SW6868 Real Red
C19* Duron Standard SW6947 Tempo Teal

MATERIAL SCHEDULE

- M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE

- T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

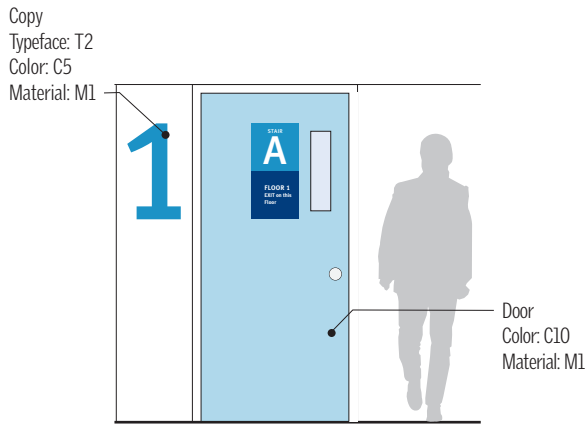
- T1 (Upper Case): +25
T1 (Upper/Lower Case): +0
T2 (Upper Case): +25

SYMBOL SCHEDULE

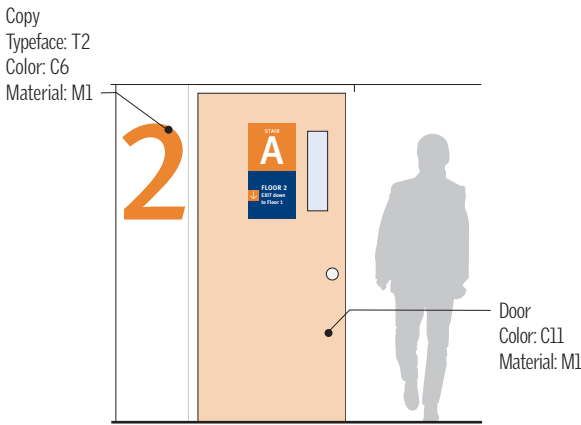
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

- S13: [Mon_Col_Arrow.eps]

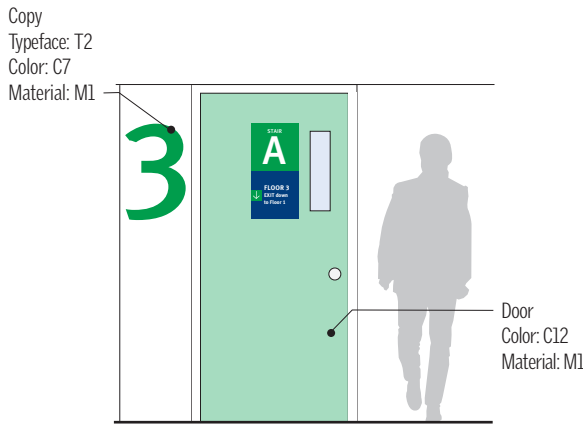
*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19



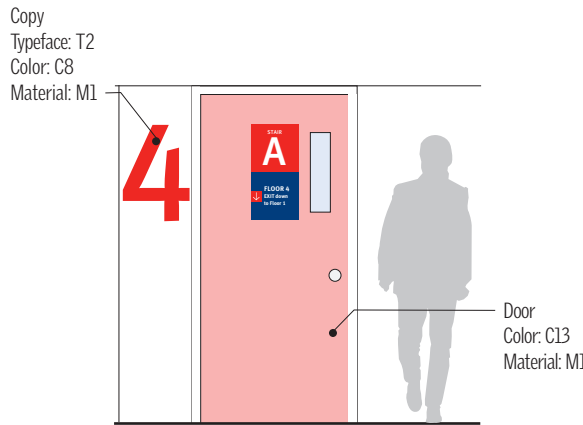
1 Graphic Layout - Sign Type R2- Level 1
1/4" = 1'-0"



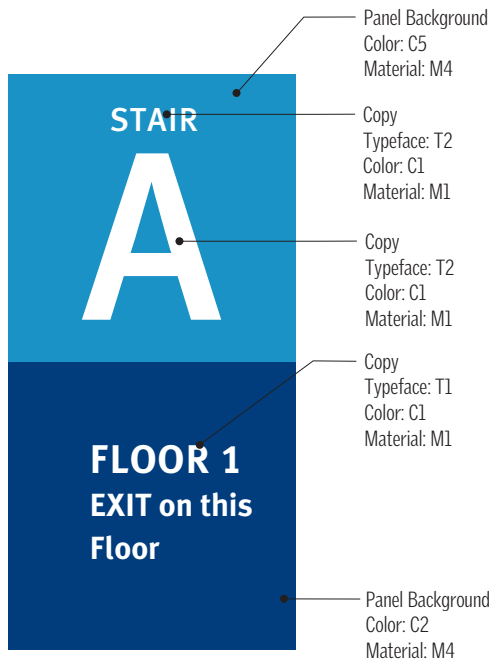
2 Graphic Layout - Sign Type R2- Level 2
1/4" = 1'-0"



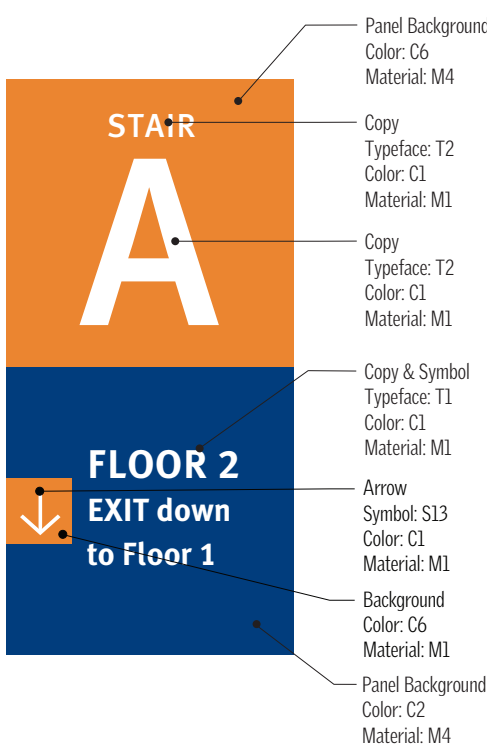
3 Graphic Layout - Sign Type R2- Level 3
1/4" = 1'-0"



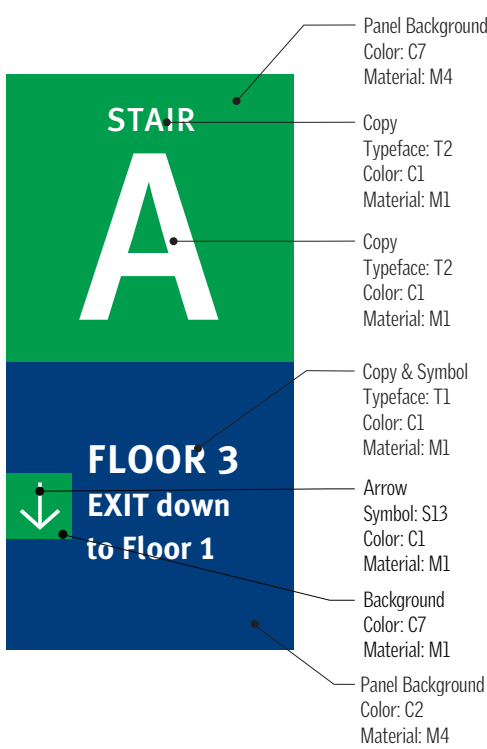
4 Graphic Layout - Sign Type R2- Level 4
1/4" = 1'-0"



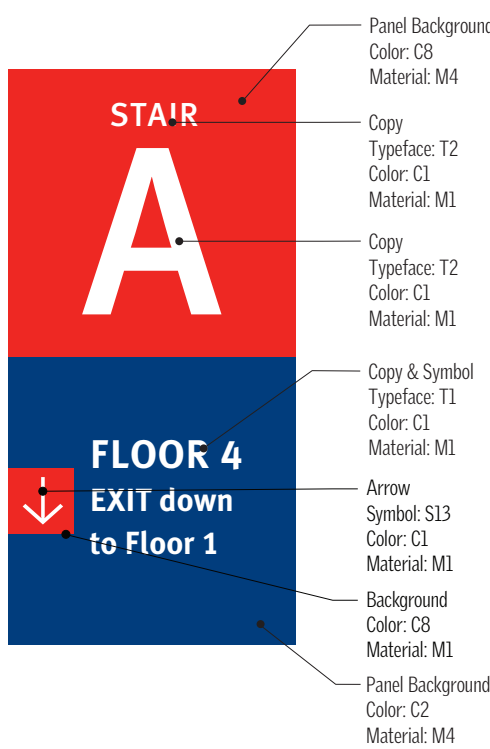
5 Graphic Layout - Sign Type S2a- Level 1
1 1/2" = 1'-0"



6 Graphic Layout - Sign Type S2a- Level 2
1 1/2" = 1'-0"



7 Graphic Layout - Sign Type S2a- Level 3
1 1/2" = 1'-0"



8 Graphic Layout - Sign Type S2a- Level 4
1 1/2" = 1'-0"

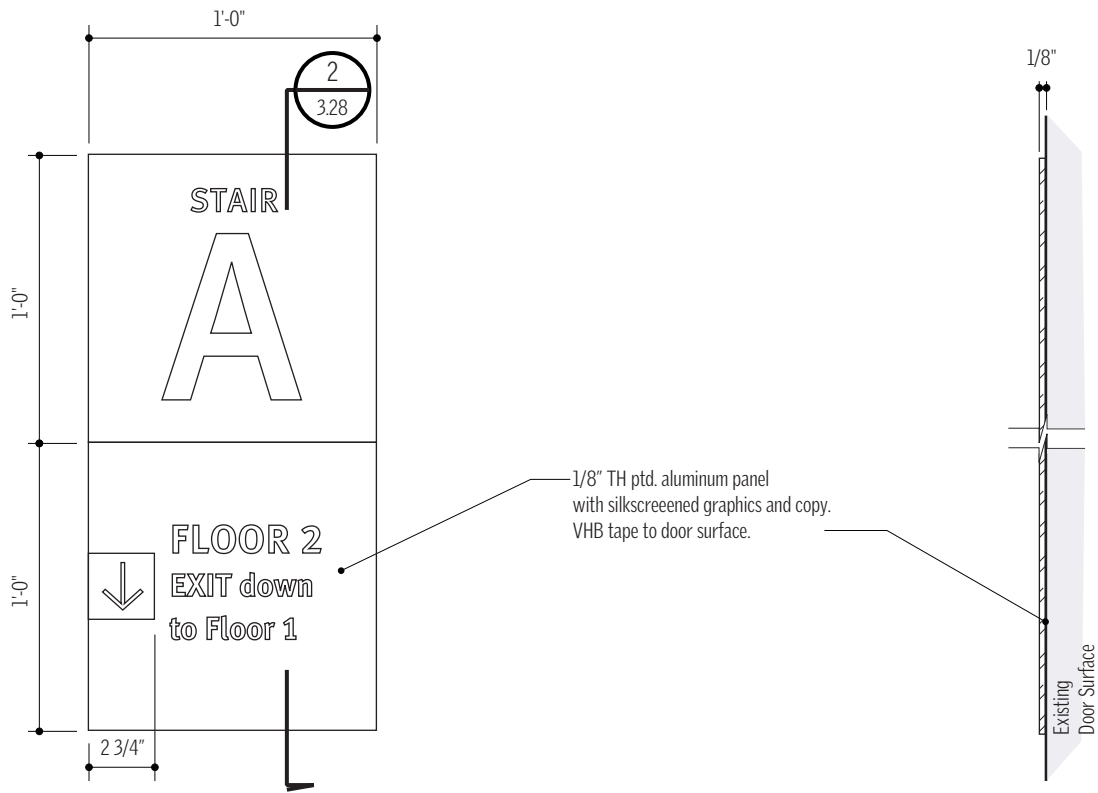
3.28 SIGN TYPES R2, S2A

SIGN TYPE SPECIFICATIONS

R2
WALL LEVEL ID OCCUPANCY SIDE

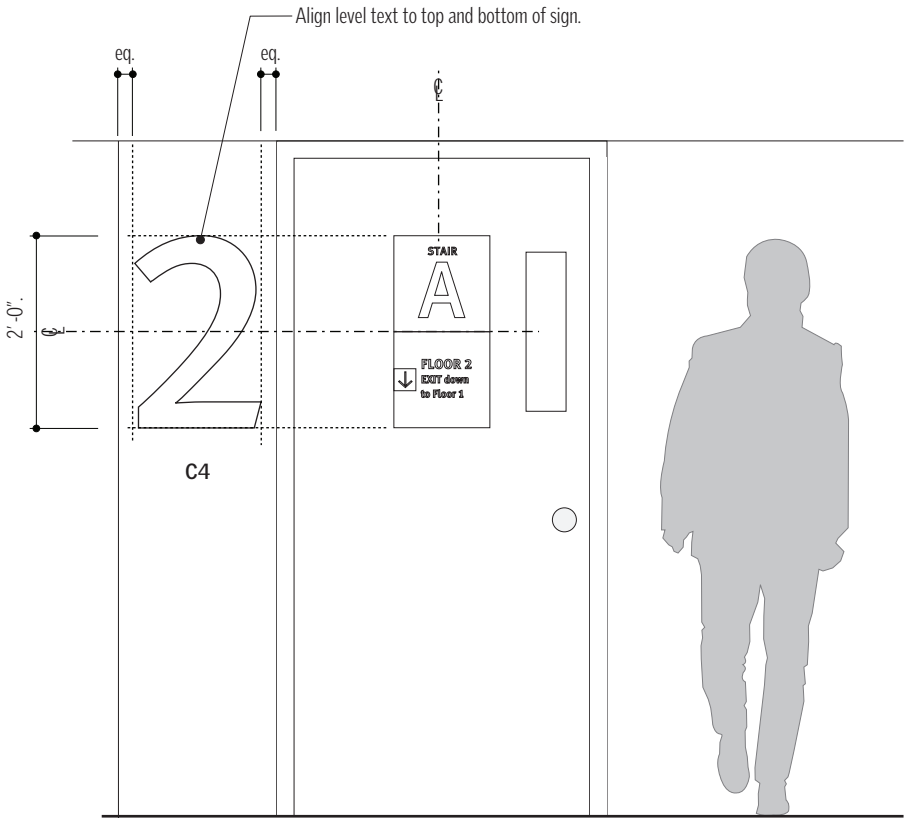
S2A
STAIR ID, OCCUPANCY SIDE

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type S2a
1 1/2" = 1'-0"

2 Detail Section - Sign Type S2a
1 1/2" = 1'-0"



3 Installation Elevation - Sign Types R2, S2a
1/2" = 1'-0"

3.29 SIGN TYPE S2B

SIGN TYPE SPECIFICATIONS

S2B
STAIR ID, STAIR SIDE

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C5*: Duron Standard SW6799 Blue Mosque C6*:
Duron Standard SW6893 Kid's Stuff
C7*: Duron Standard SW6719 Gecko
C8*: Duron StandardW6869 Stop
C9*: Duron Standard SW6832 Impulsive Purple
C19* Duron Standard SW6947 Tempo Teal

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

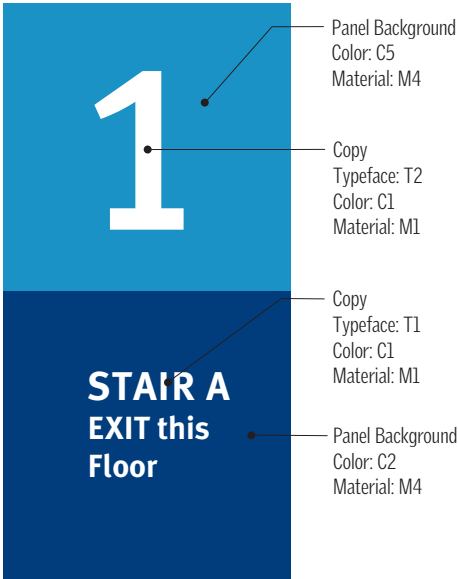
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +25
T1 (Upper/Lower Case): +0

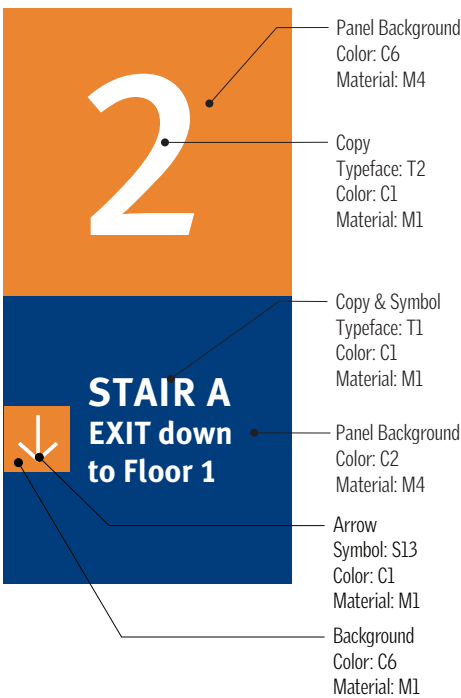
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S13: [Mon_Col_Arrow.eps]

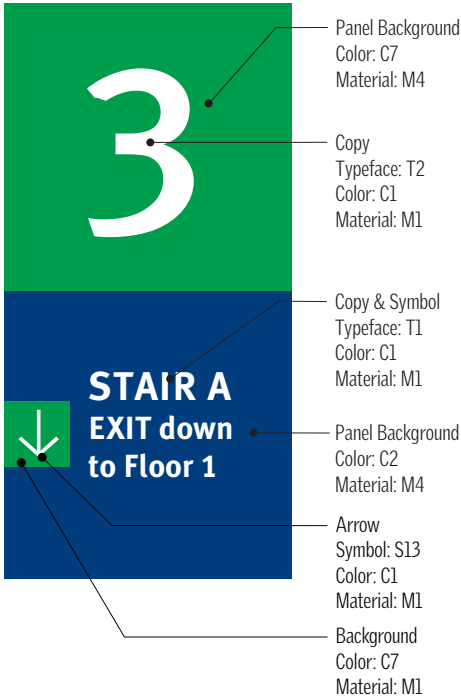
*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19



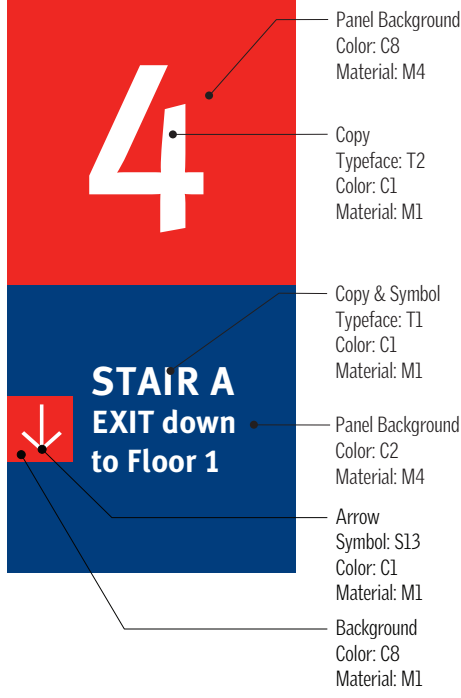
1 Graphic Layout - Sign Type S2b - Level 1
1 1/2" = 1'-0"



2 Graphic Layout - Sign Type S2b - Level 2
1 1/2" = 1'-0"



3 Graphic Layout - Sign Type S2b - Level 3
1 1/2" = 1'-0"



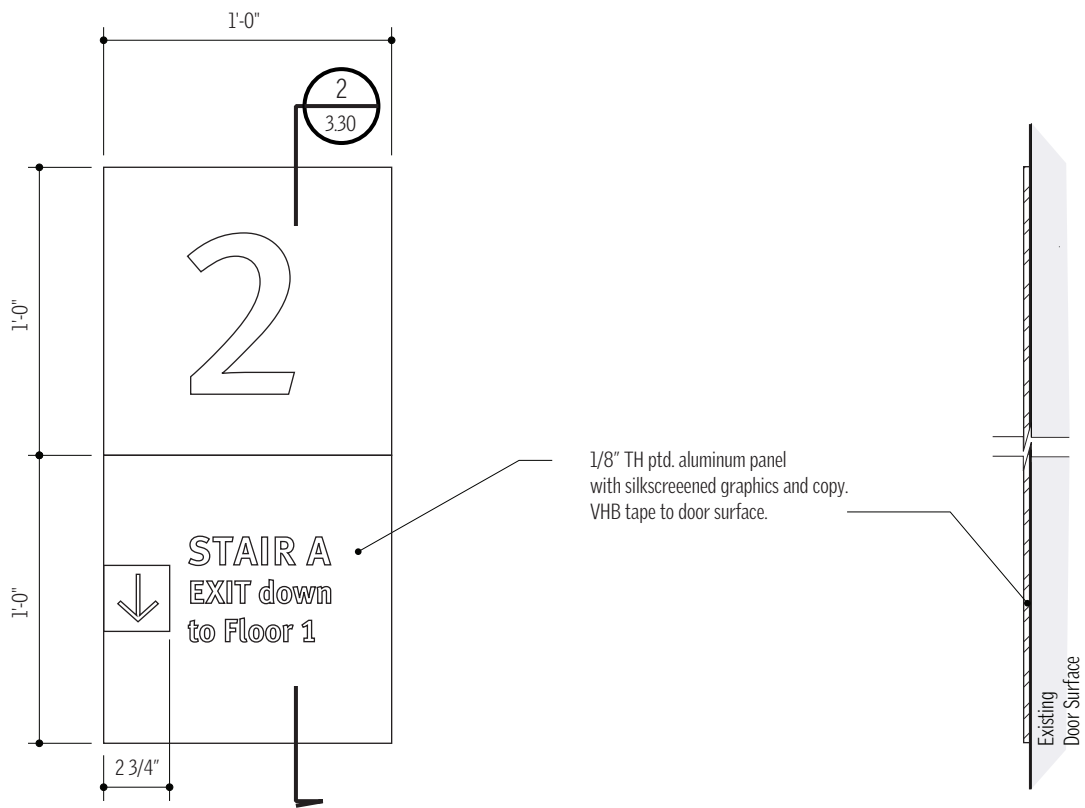
4 Graphic Layout - Sign Type S2b - Level 4
1 1/2" = 1'-0"

3.30 SIGN TYPE S2B

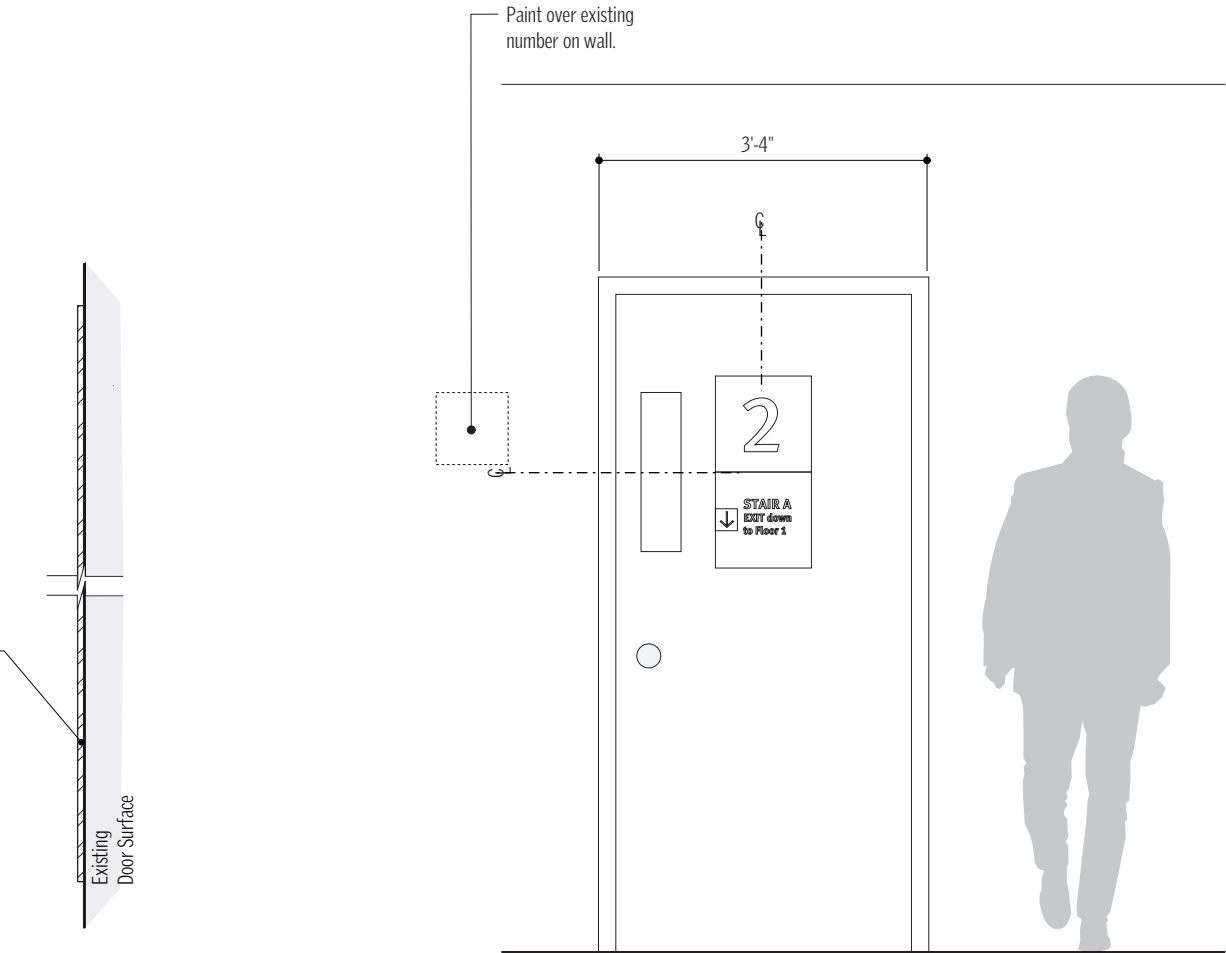
SIGN TYPE SPECIFICATIONS

S2B
STAIR ID, STAIR SIDE

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type S2b
1 1/2" = 1'-0"

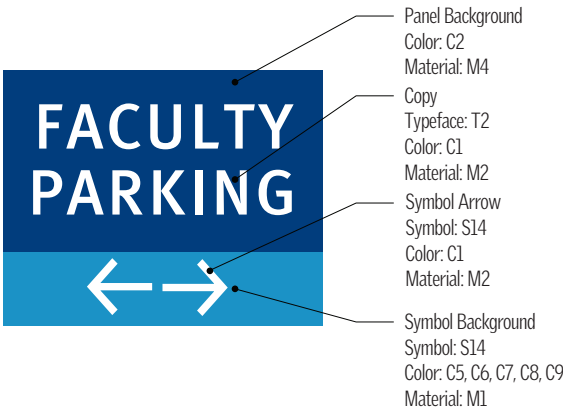


2 Detail Section - Sign Type S2b
1 1/2" = 1'-0"

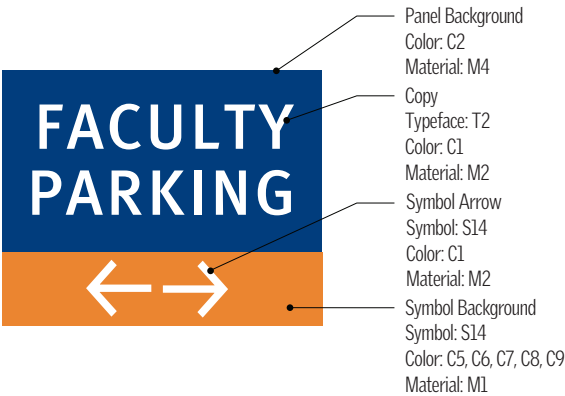
3 Installation Elevation - Sign Type S2b
1/2" = 1'-0"

3.31 SIGN TYPE T1A, T1B, T1C

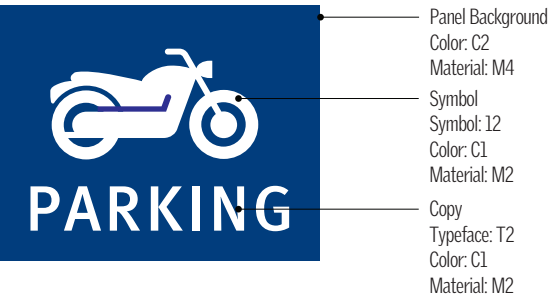
SIGN TYPE SPECIFICATIONS



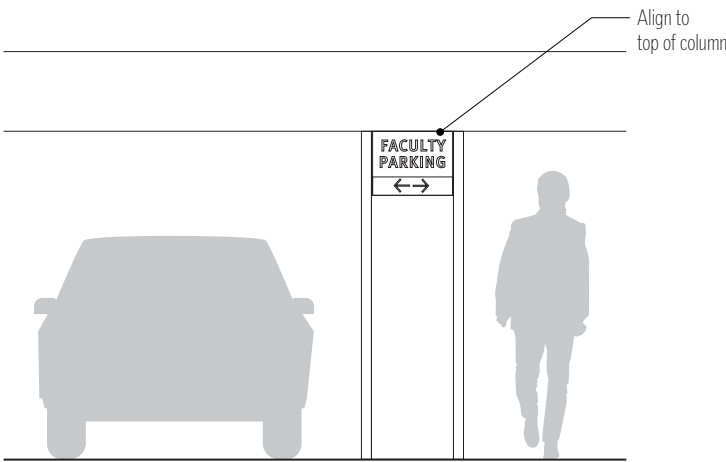
1 Graphic Layout - Sign Types T1a, T1b, T1c
1" = 1'-0"



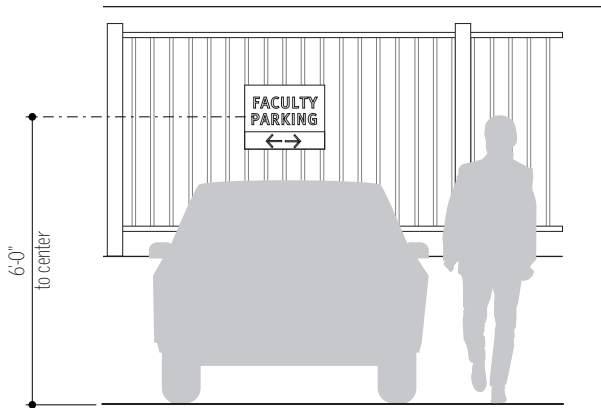
2 Alternate Graphic Layout - Sign Types T1a, T1b, T1c
1" = 1'-0"



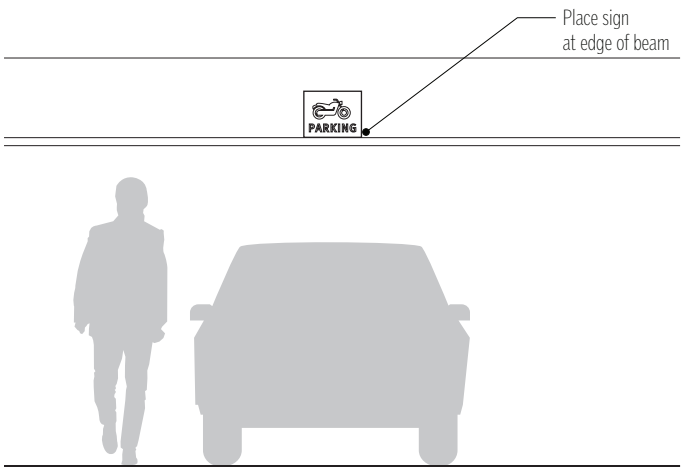
3 Alternate Graphic Layout - Sign Types T1a, T1b, T1c
1" = 1'-0"



4 Installation Elevation - Sign Type T1a - Column Mount
1/4" = 1'-0"



5 Installation Elevation - Sign Type T1b - Gate Mount
1/4" = 1'-0"



6 Installation Elevation - Sign Type T1c - Beam Mount
1/4" = 1'-0"

T1A
PARKING AREA ID (COLUMN MOUNT)

T1B
PARKING AREA ID (FENCE MOUNT)

T1C
PARKING AREA ID (BEAM MOUNT)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C5*: Duron Standard SW6799 Blue Mosque
C6*: Duron Standard SW6893 Kid's Stuff
C7*: Duron Standard SW6719 Gecko
C8*: Duron Standard SW6869 Stop
C9*: Duron Standard SW6832 Impulsive Purple
C19* Duron Standard SW6947 Tempo Teal

MATERIAL SCHEDULE
M1: Frisket Painting Color
M2: Reflective Vinyl
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +50

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S12: [Mon_Col_Motorcycle.eps]
S14: [Mon_Col_Double.eps]

*NOTE: Highlight color to correspond to level designation:
Level 1: C5
Level 2: C6
Level 3: C7
Level 4: C8
Level 5: C9
Level 6: C19

3.32 SIGN TYPES T1A, T1B, T1C

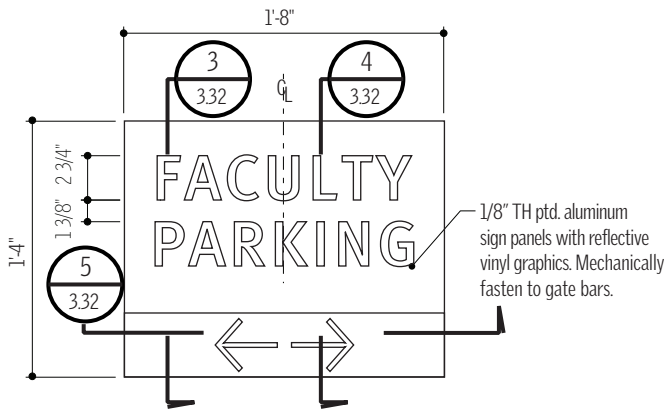
SIGN TYPE SPECIFICATIONS

T1A
PARKING AREA ID (COLUMN MOUNT)

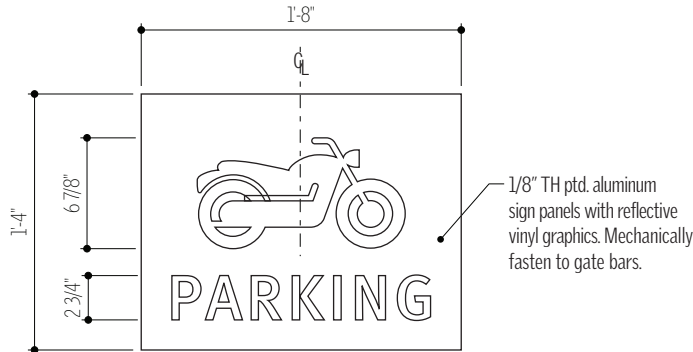
T1B
PARKING AREA ID (FENCE MOUNT)

T1C
PARKING AREA ID (BEAM MOUNT)

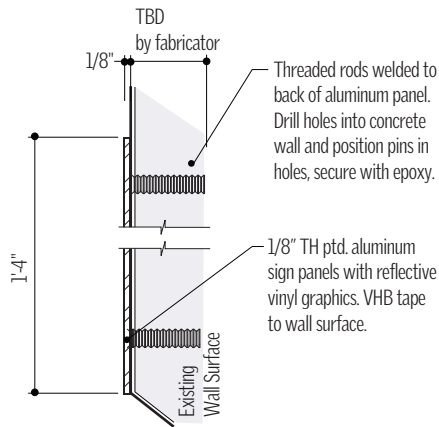
GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



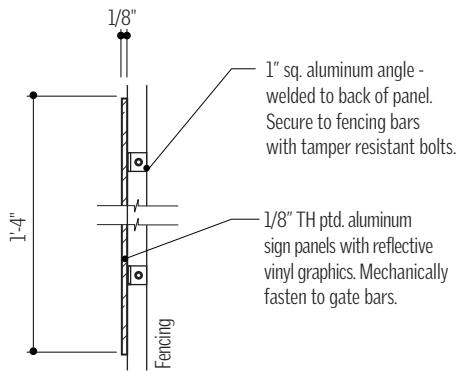
1 Elevation - Sign Types T1a, T1b, T1c
1" = 1'-0"



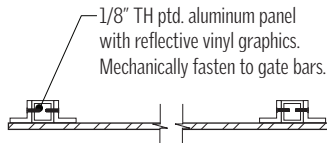
2 Alternate Elevation - Sign Types T1a, T1b, T1c
1" = 1'-0"



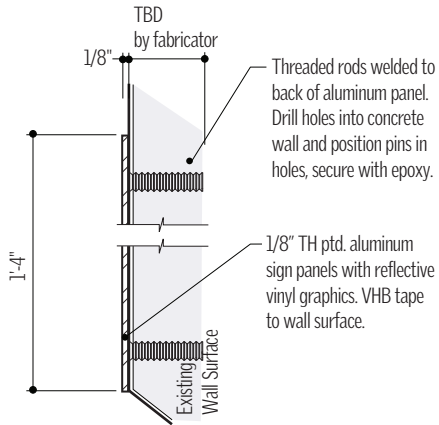
3 Detail Section - Sign Type T1a
1" = 1'-0"



4 Detail Section - Sign Type T1b
1" = 1'-0"



5 Detail Plan View - Sign Type T1b
1" = 1'-0"



6 Detail Section - Sign Type T1c
1" = 1'-0"

3.33 SIGN TYPE T2A, T2B

SIGN TYPE SPECIFICATIONS

T2A
ACCESSIBLE PARKING ID (WALL MOUNT)

T2B
ACCESSIBLE PARKING ID (FENCE MOUNT)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish

MATERIAL SCHEDULE
M2: Reflective Vinyl
M4: Painted Aluminum

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

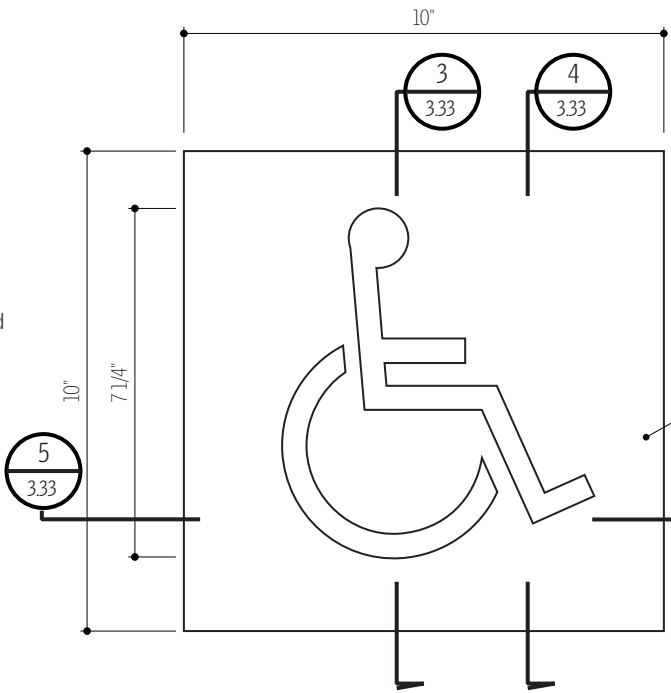
S3: [Mon_Col_Accessible.eps]

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

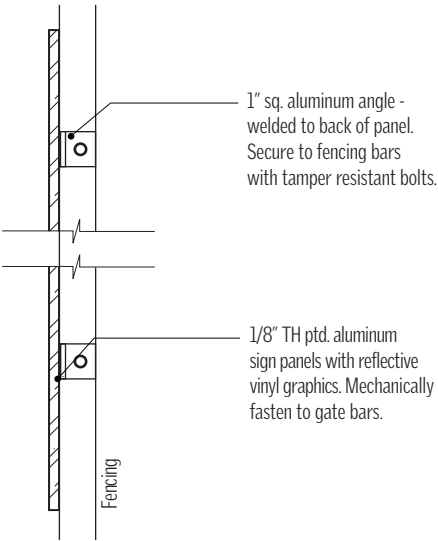
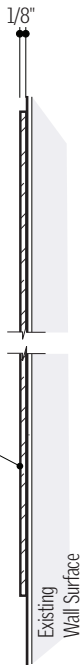


Panel Background
Color: C2
Material: M4

Accessible
Symbol: S3
Color: C1
Material: M2



1/8" TH ptd. aluminum
sign panels with reflective
vinyl graphics. VHB tape
to wall surface.

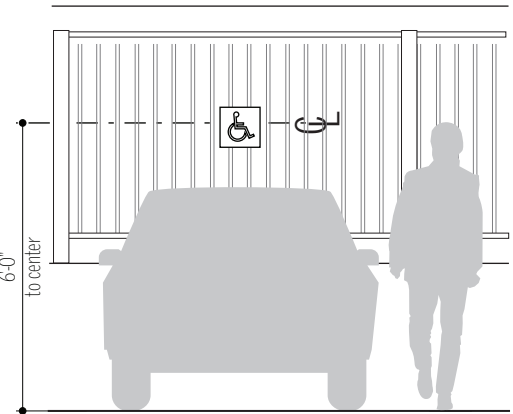
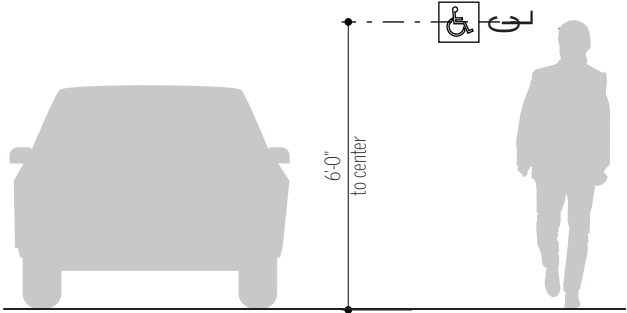
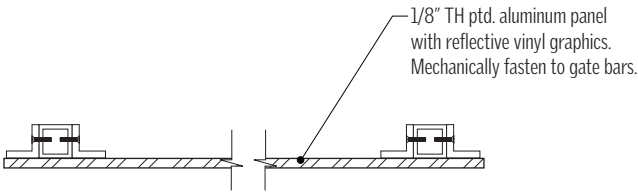


1 Graphic Layout - Sign Type T2a, T2b
3" = 1'-0"

2 Elevation - Sign Type T2a, T2b
3" = 1'-0"

3 Detail Section - Sign Type T2a
3" = 1'-0"

4 Detail Section - Sign Type T2b
3" = 1'-0"



5 Detail Plan View - Sign Type T2b
3" = 1'-0"

6 Installation Elevation - Sign Type T2a
1/4" = 1'-0"

7 Installation Elevation - Sign Type T2b
1/4" = 1'-0"

3.34 SIGN TYPE U1

SIGN TYPE SPECIFICATIONS

U1
MEDIUM REGULATORY

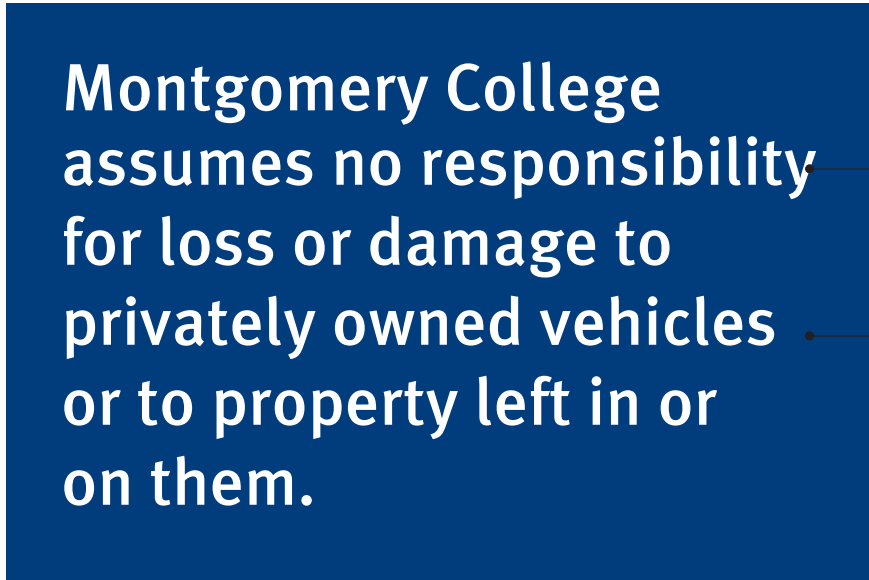
COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

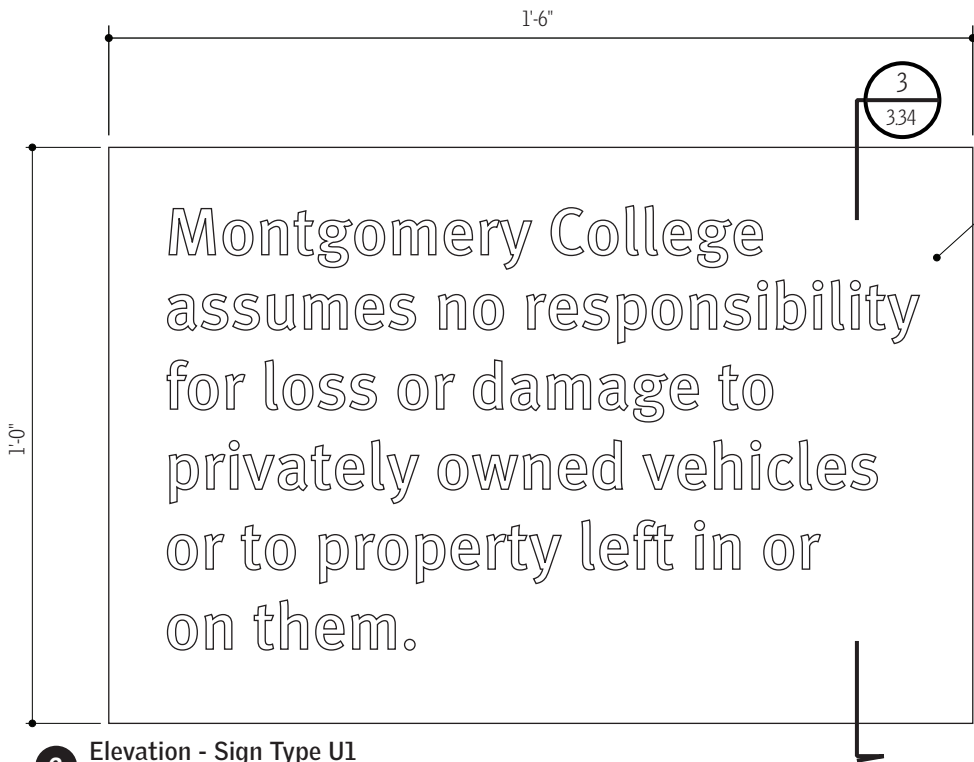
TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.
T2 (Upper/Lower Case): +10

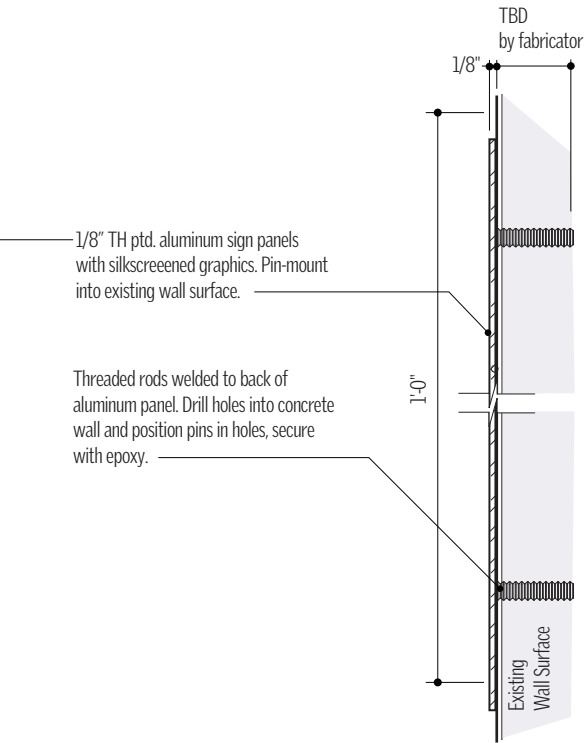
GENERAL NOTE
All construction, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



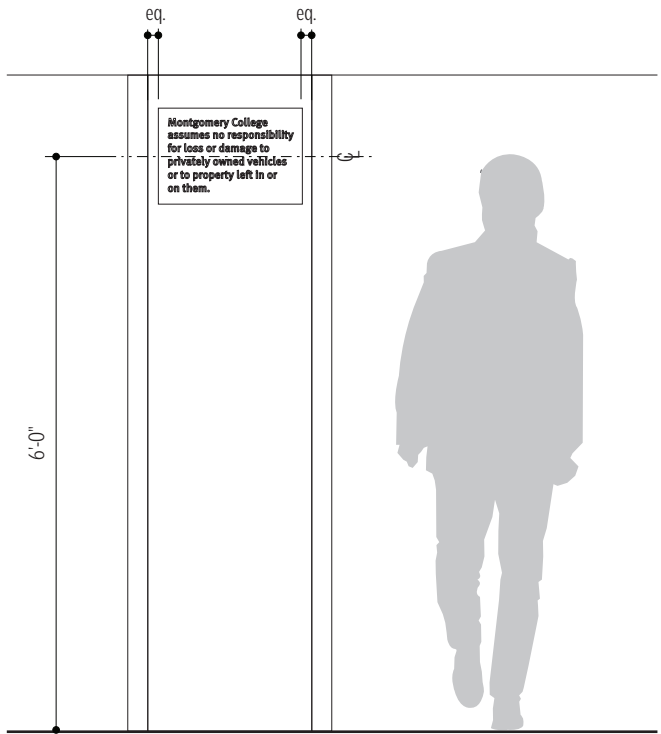
1 Graphic Layout - Sign Type U1
3" = 1'-0"



2 Elevation - Sign Type U1
3" = 1'-0"

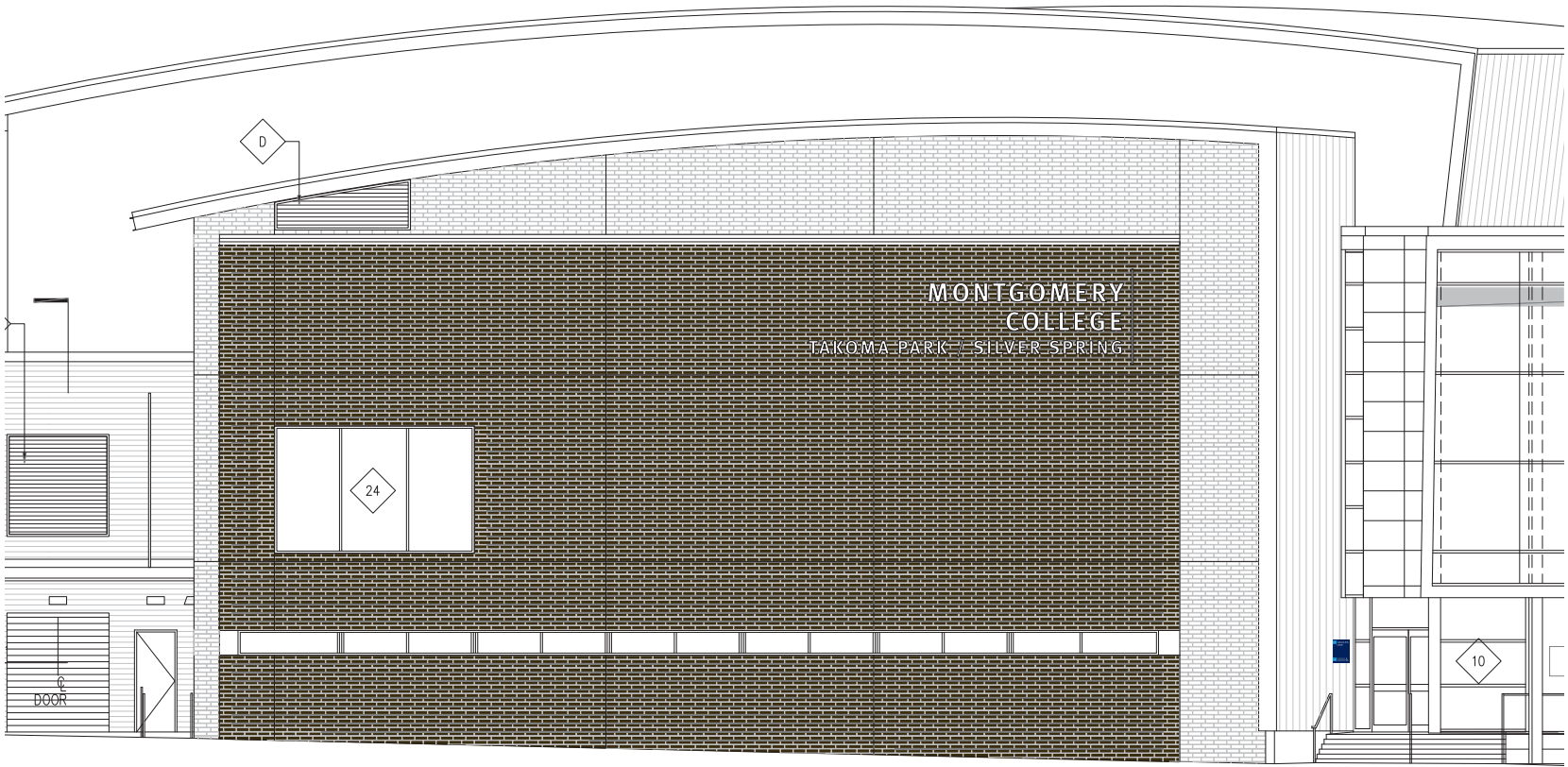


3 Detail Section - Sign Type U1
3" = 1'-0"



4 Installation Elevation - Sign Type U1
3" = 1'-0"

A1
FACADE MOUNTED COLLEGE ID,
(ILLUMINATED)

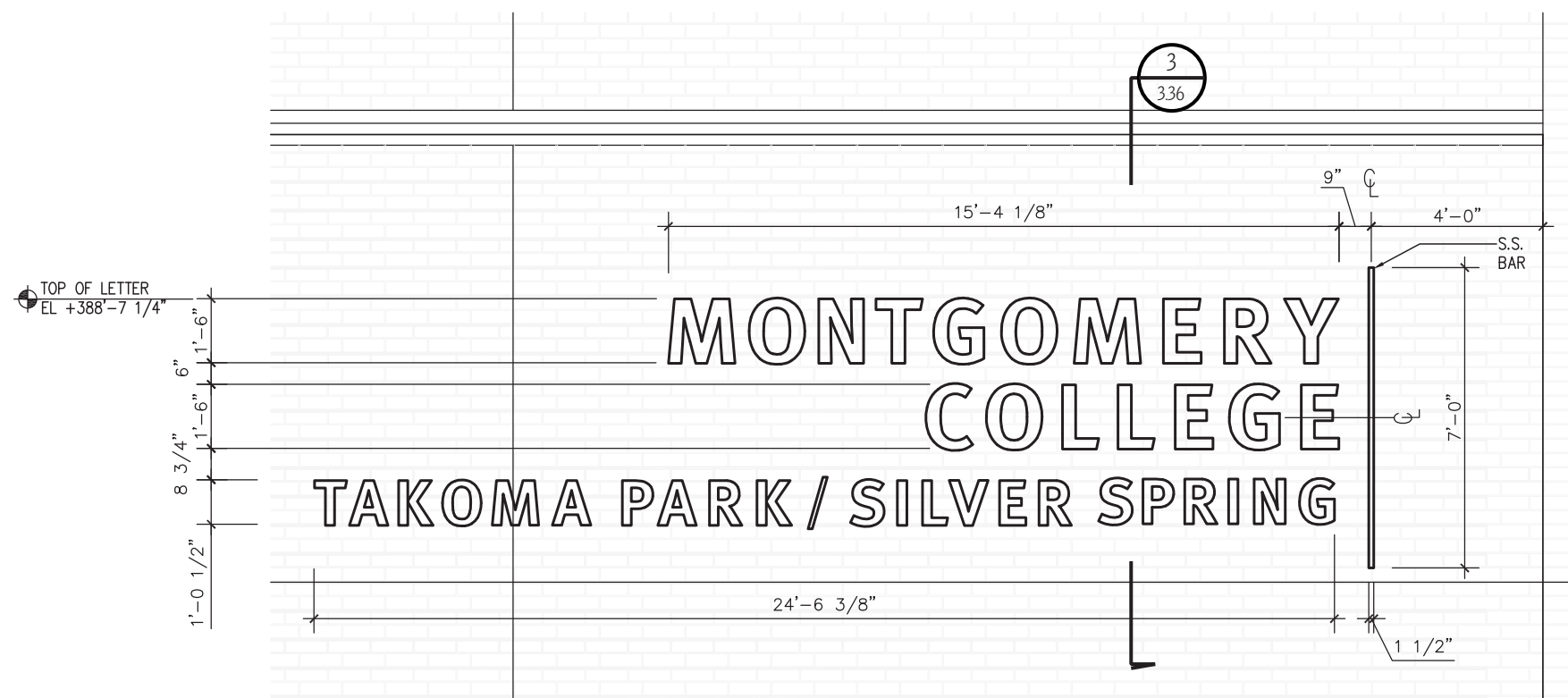


1 Installation Elevation - Sign Type A1
1/16" = 1'-0"

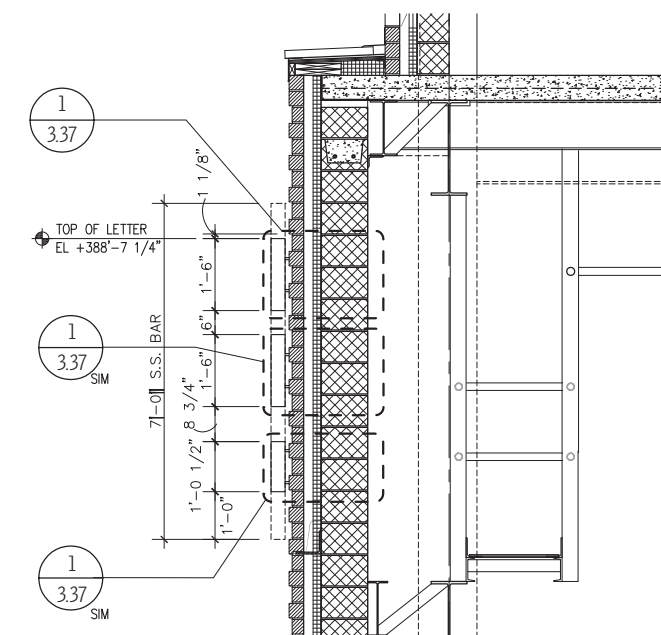
SIGN TYPE SPECIFICATIONS



1 Graphic Layout - Sign Type A1
1/4" = 1'-0"



2 Elevation - Sign Type A1
1/4" = 1'-0"



3 Section - Sign Type A1
1/4" = 1'-0"

A1
FACADE MOUNTED COLLEGE ID,
(ILLUMINATED)

COLOR SCHEDULE

C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP151840phios Green
C17*: Matthews Paint MP09133 Process Cyan U

TYPEFACE SCHEDULE

T1: MetaPlus LF Bold

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+400
T1 (Upper Case) Secondary	+100

NOTE

Fabrication: (1x) set of 3 1/2" deep brushed stainless steel letters (non-directional finish). Each letter will have clear acrylic backs and white LED lights within for illumination to back facade. Letters will be stud mounted 1" offset from the building's brick facade w/ spacers and bolts into double expansion shields.

The letters reading, "Montgomery College" & Vertical line are to have white LED lights with clear backs. The letters reading, "Takoma Park/ Silver Spring" also will have white LED lights, but the clear acrylic returns will be painted to match MP09133 1" deep.

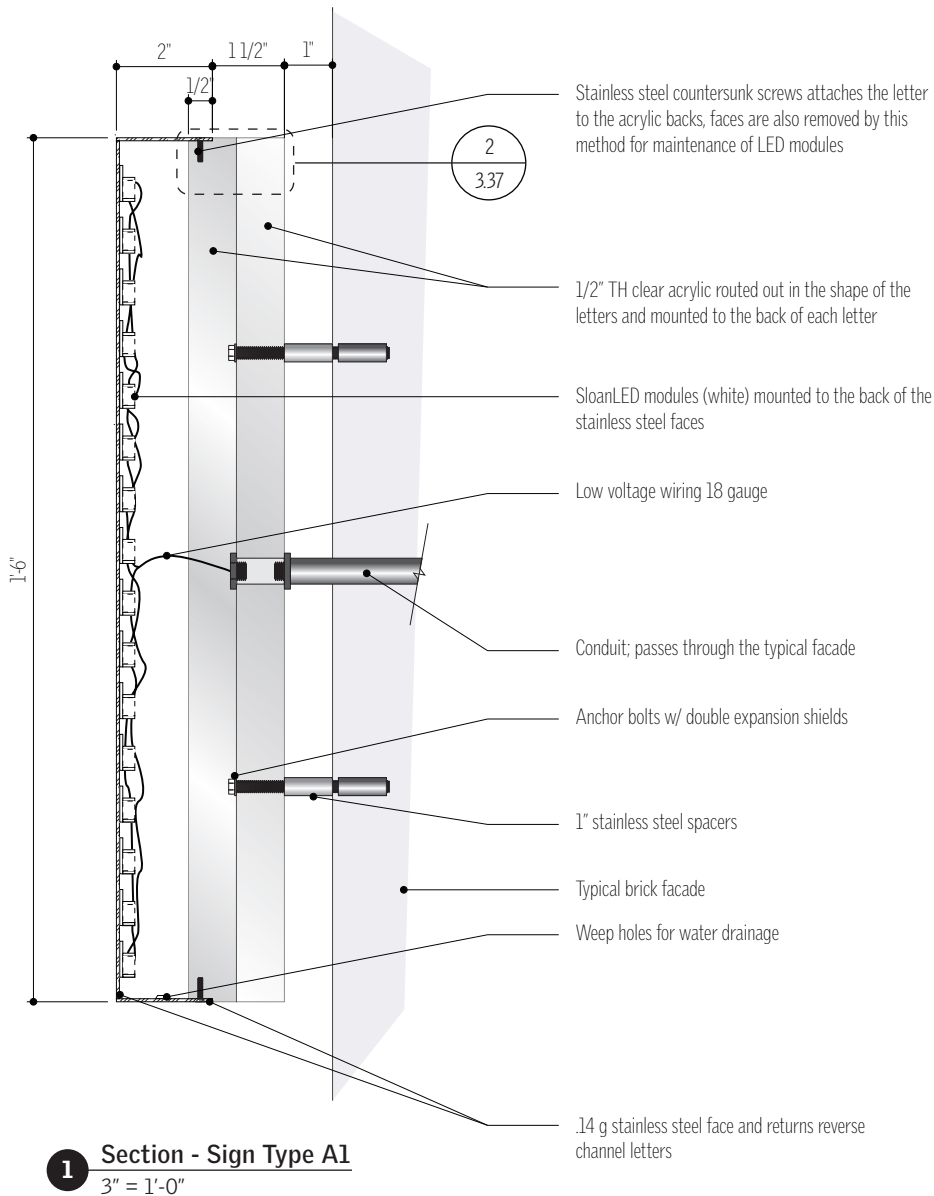
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17

3.37 SIGN TYPE A1

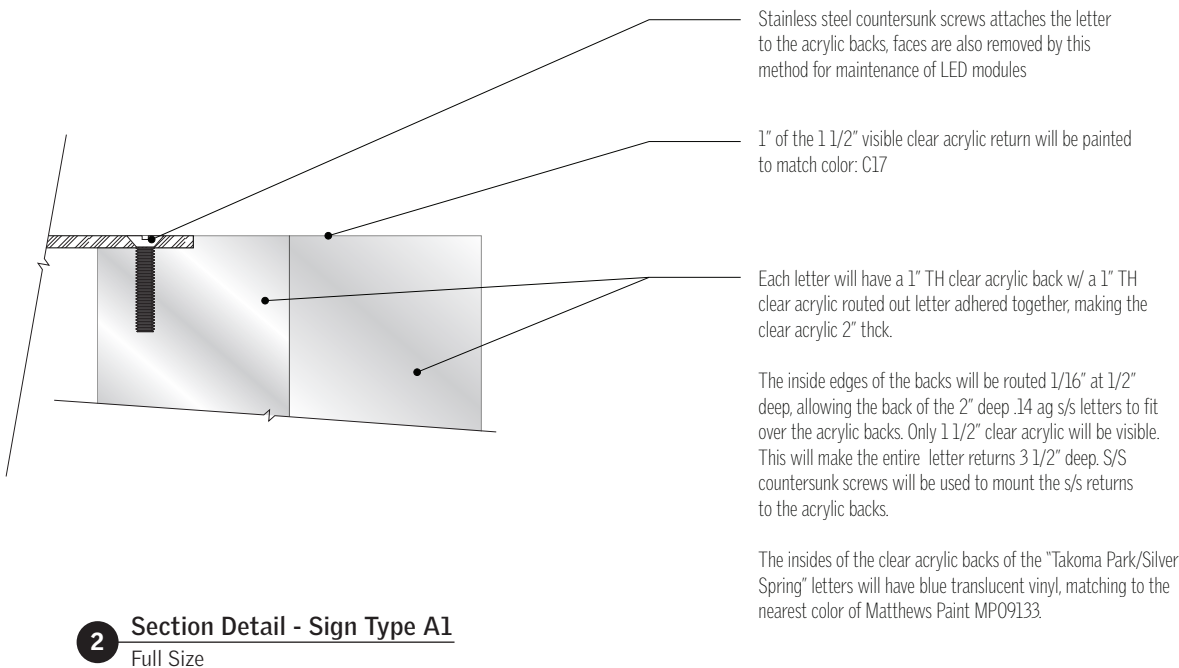
SIGN TYPE SPECIFICATIONS

A1
FACADE MOUNTED COLLEGE ID,
(ILLUMINATED)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Section - Sign Type A1
3" = 1'-0"

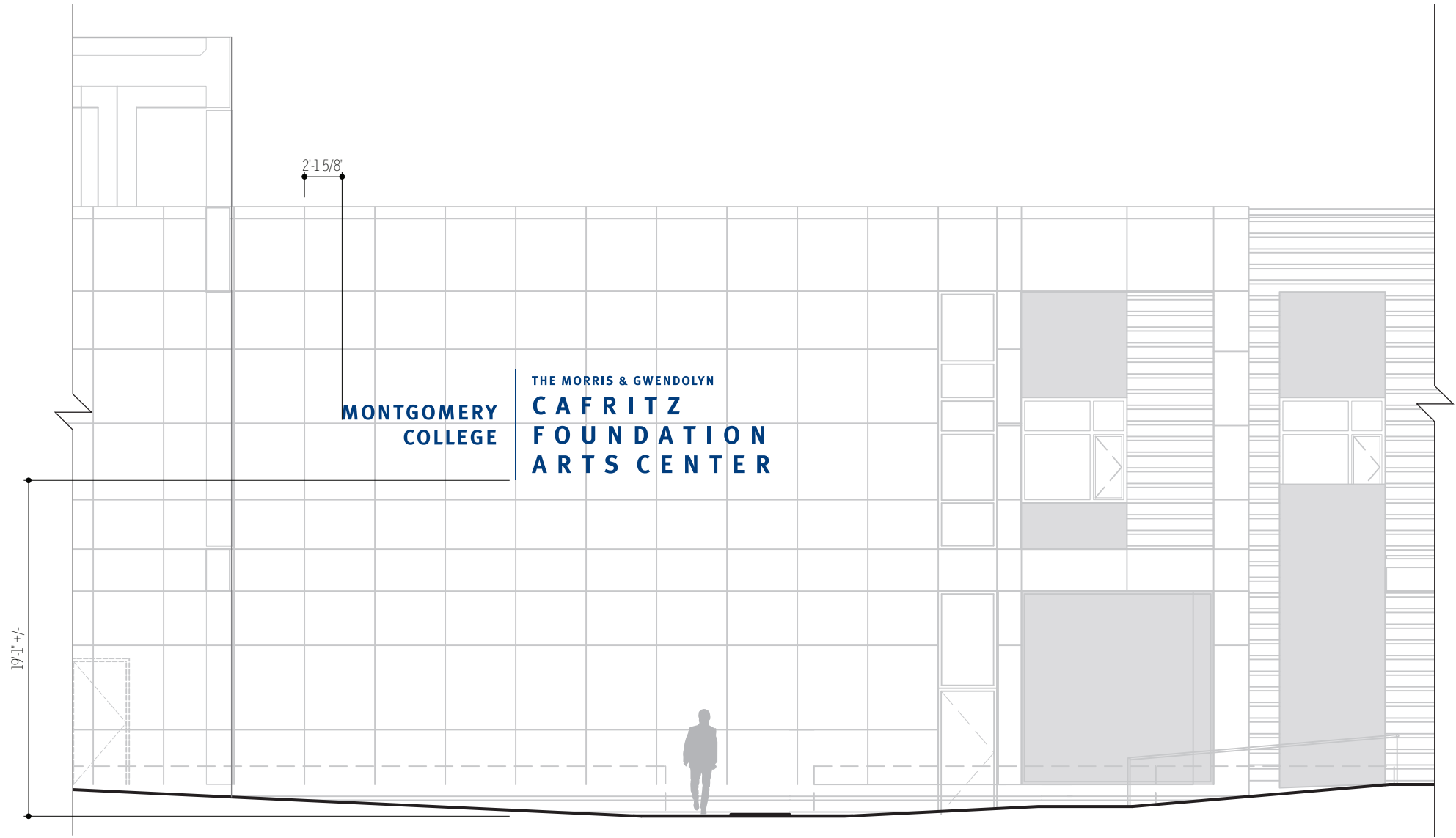


2 Section Detail - Sign Type A1
Full Size

3.38 SIGN TYPE A2

SIGN TYPE SPECIFICATIONS

A2
BUILDING ID AND CAMPUS NAME
(NON ILLUMINATED)



1 Elevation - Sign Type A2
1/8" = 1'-0"

SIGN TYPE SPECIFICATIONS

A2
BUILDING ID AND CAMPUS NAME
(NON ILLUMINATED)

COLOR SCHEDULE

C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE

M9: Applied Vinyl
M10: Painted Stainless Steel

TYPEFACE SCHEDULE

T1: MetaPlus LF Bold

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case)	:	+400
T1 (Upper Case) Secondary		+100

GENERAL NOTE

All construction, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

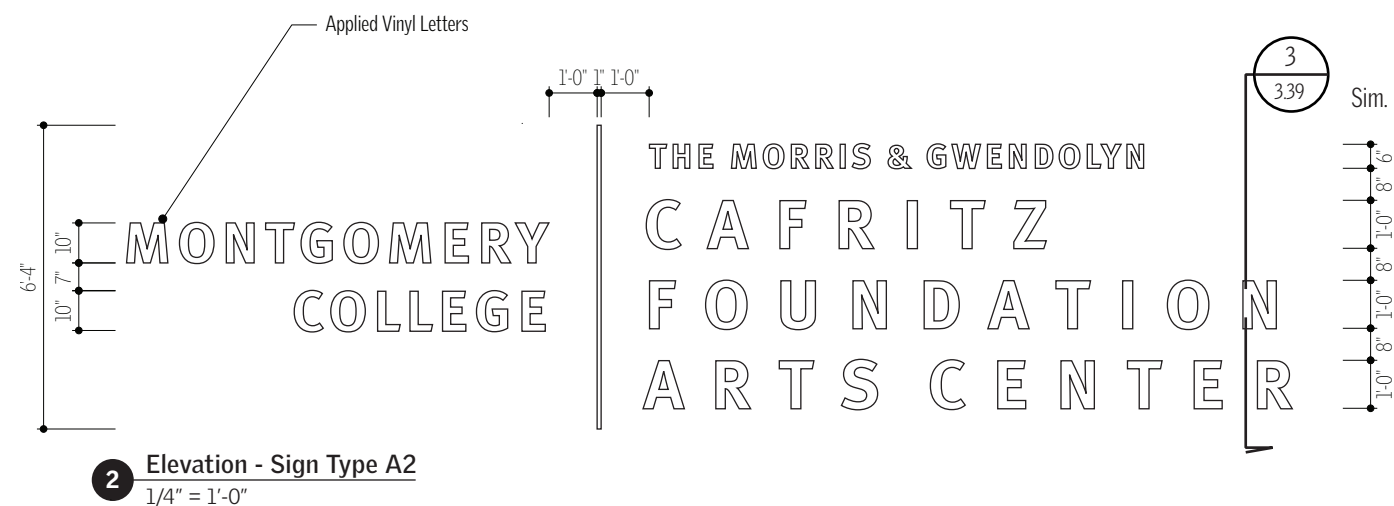
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17

3.39 SIGN TYPE A2

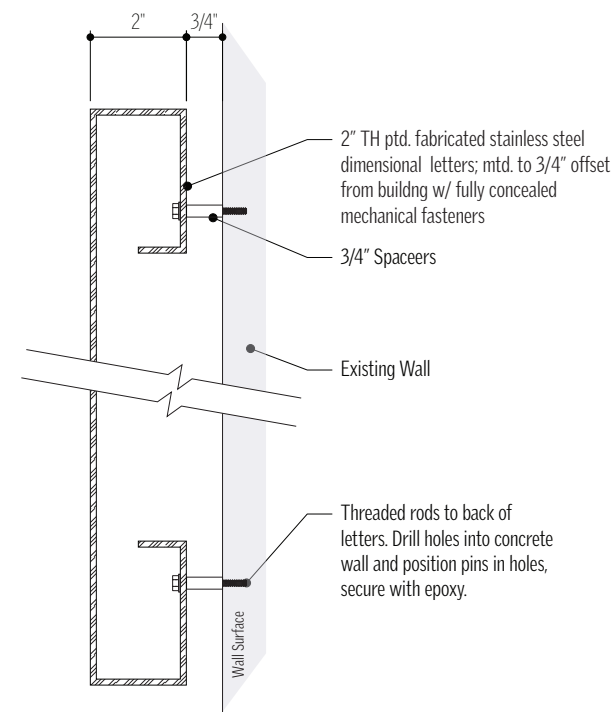
PAGE 54



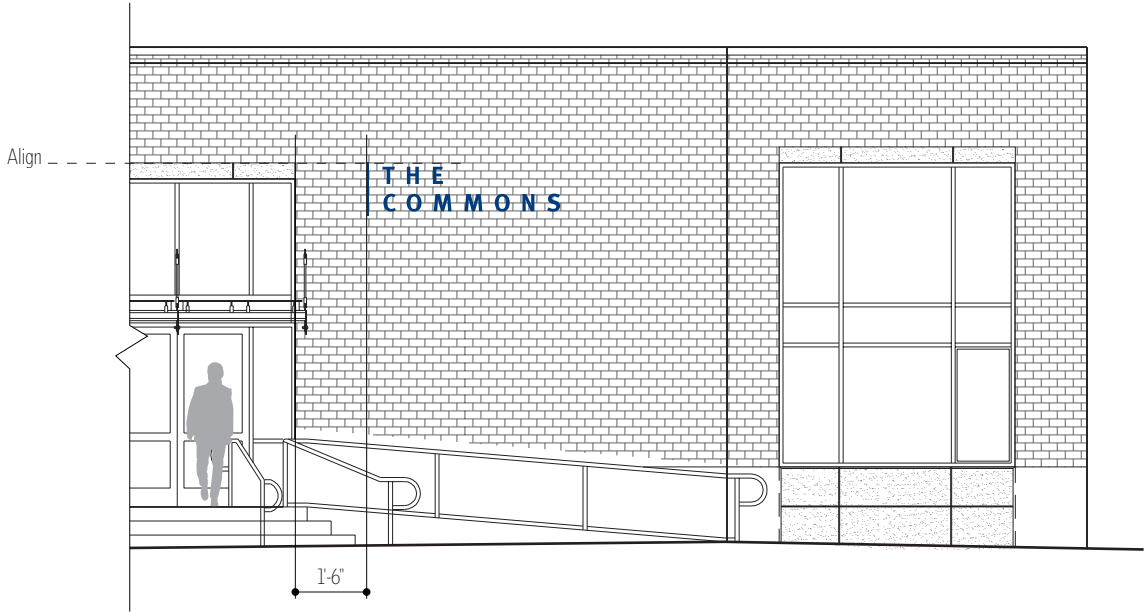
1 Graphic Layout - Sign Type A2
1/4" = 1'-0"



3 Section - Sign Type A2
3" = 1'-0"



B1
FACADE MOUNTED BUILDING ID LETTERS



1 Installation Elevation - Sign Type B1
1/4" = 1'-0"

3.41 SIGN TYPE B1

SIGN TYPE SPECIFICATIONS

B1
FACADE MOUNTED BUILDING ID LETTERS

COLOR SCHEDULE
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M4: Painted Aluminum

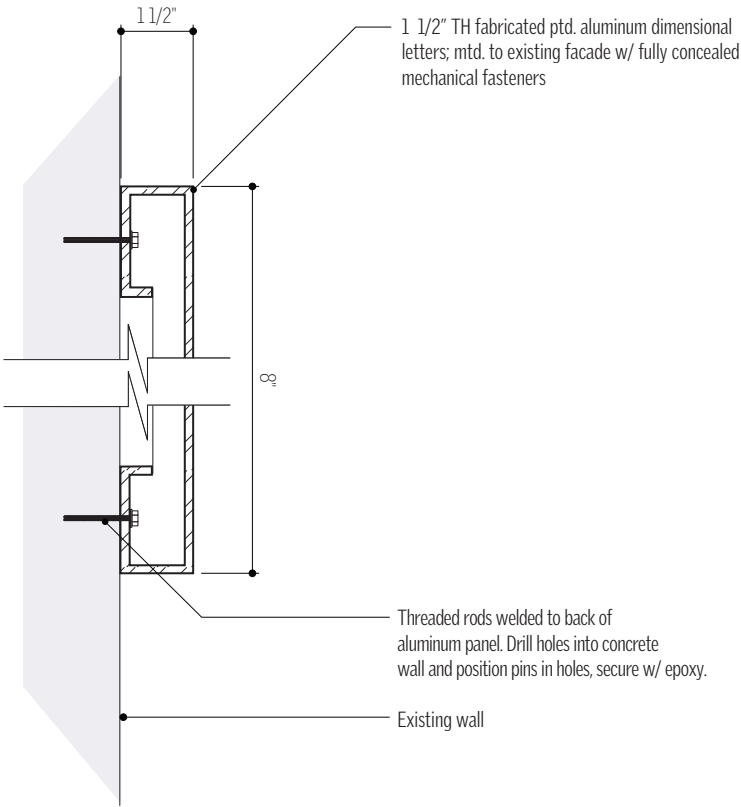
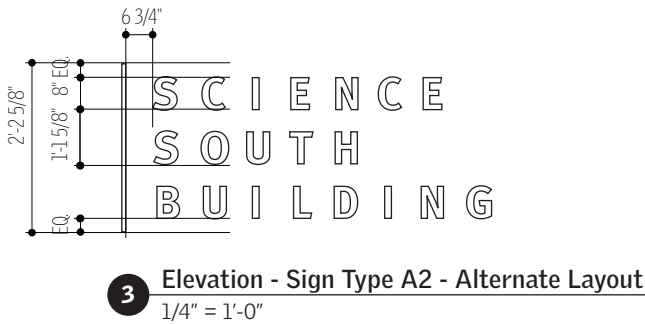
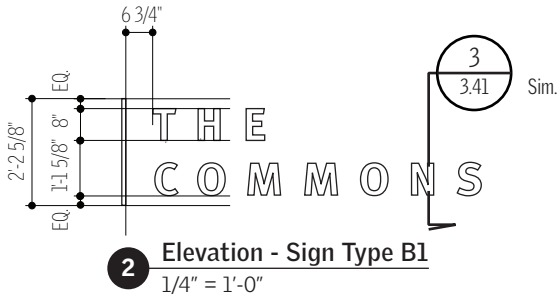
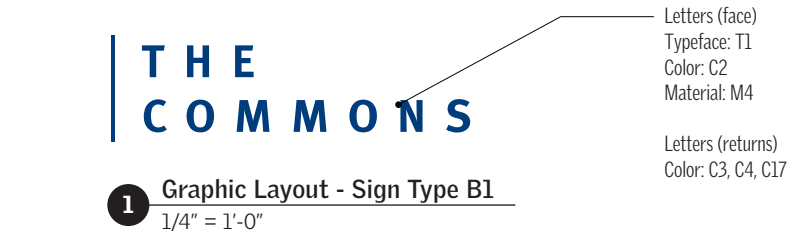
TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +400

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



3.42 SIGN TYPE B2, B3

SIGN TYPE SPECIFICATIONS

B2
BUILDING ENTRANCE ID

B3
BUILDING ENTRANCE ID,
ADA DIRECTIONAL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon C4*:
Matthews Paint MP15184 Ophios Green C17*:
Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

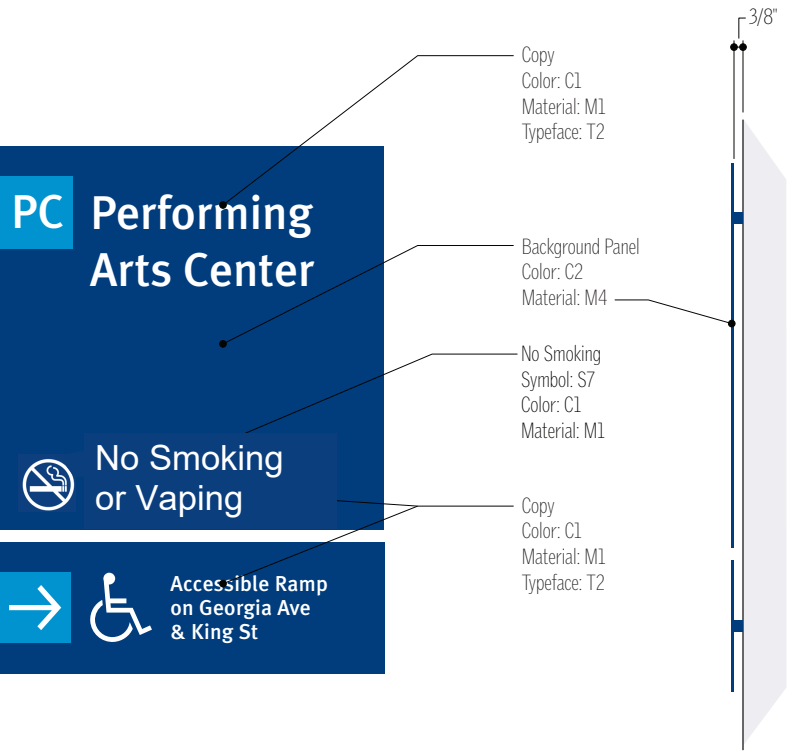
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0
T2 (Upper/Lower Case): +10
T2 (Upper/Lower Case) Tobacco: +0

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

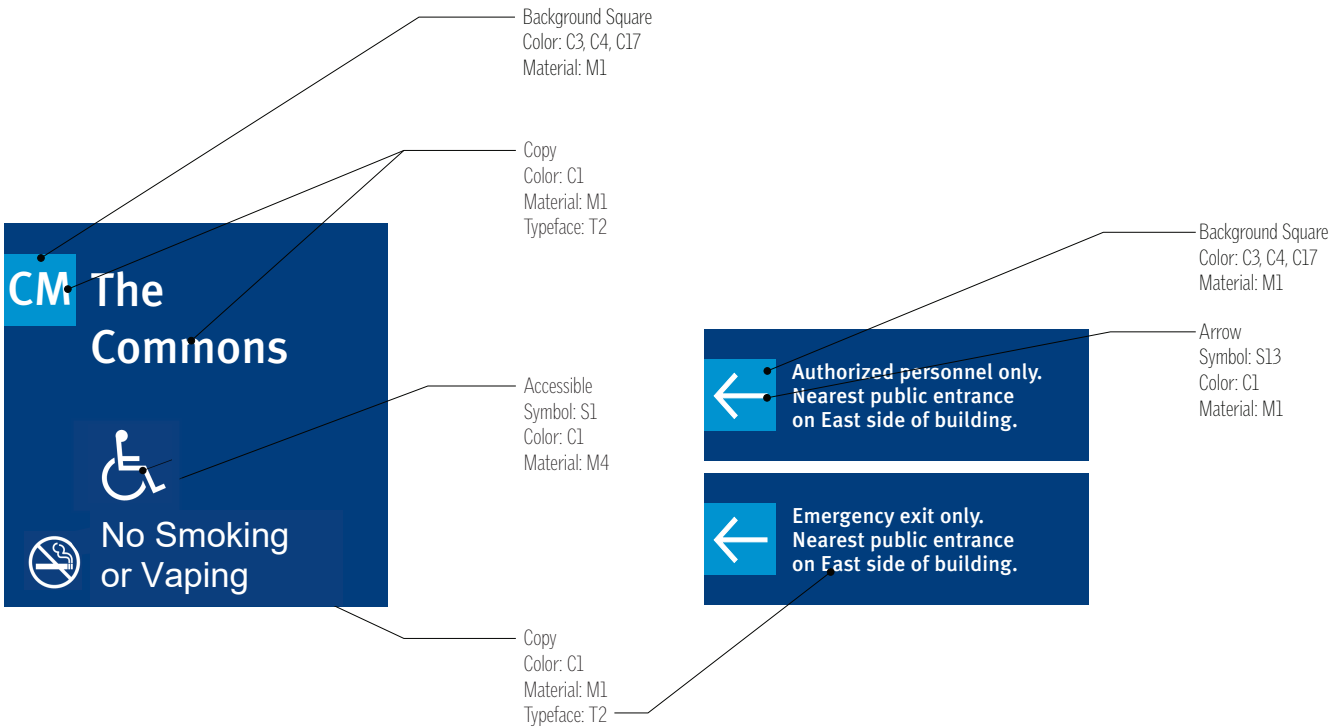
S3: [Mon_Col_Accessible.eps]
S7: [Mon_Col_NoSmoking.eps]
S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



1 Graphic Layout - Sign Type B2, B3
1 1/2" = 1'-0"

2 Side View - Sign Type B2, B3
1 1/2" = 1'-0"



3 Graphic Layout - Sign Type B2, B3 - Alternate Message
1 1/2" = 1'-0"

Frisket Painting Color

3.43 SIGN TYPE B2, B3

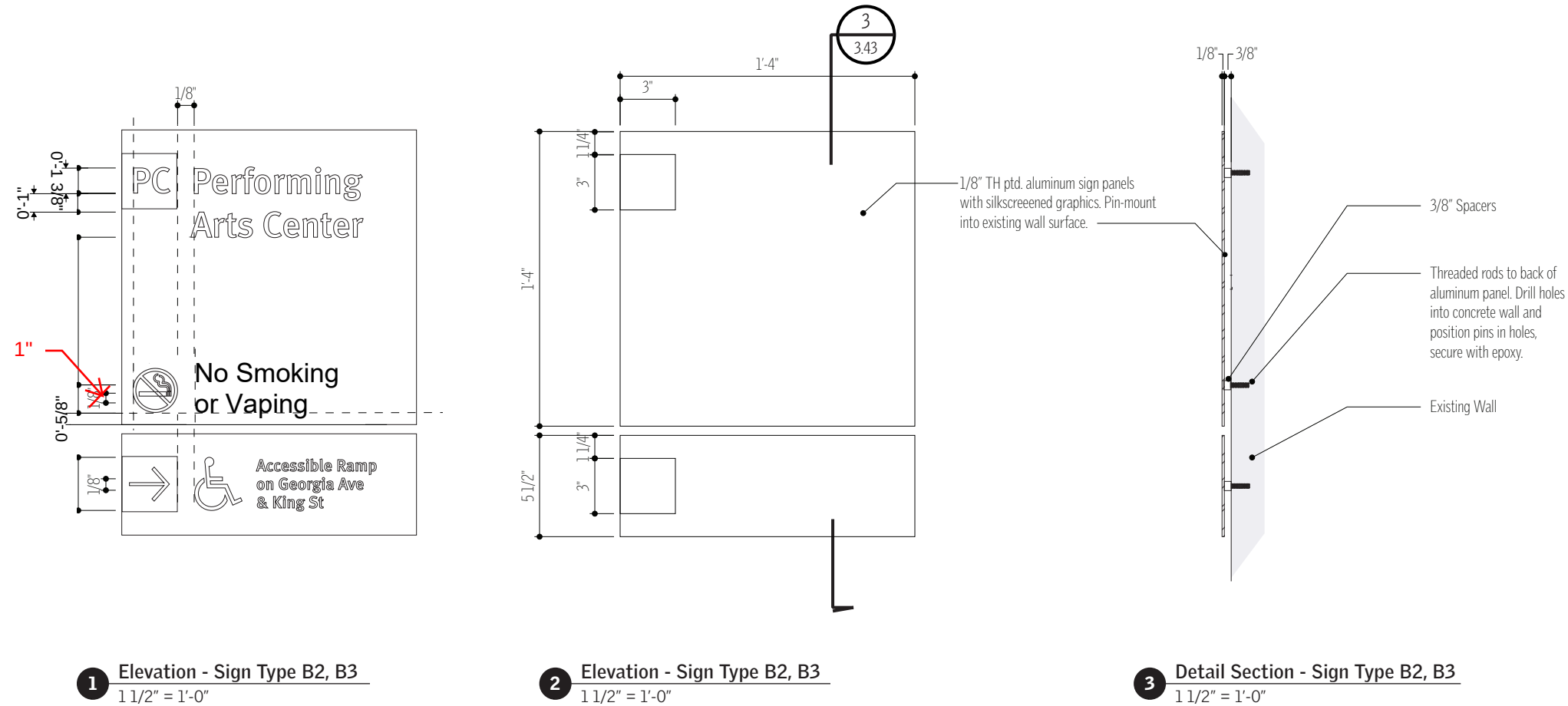
SIGN TYPE SPECIFICATIONS

B2	BUILDING ENTRANCE ID
----	----------------------

B3
BUILDING ENTRANCE ID,
ADA DIRECTIONAL

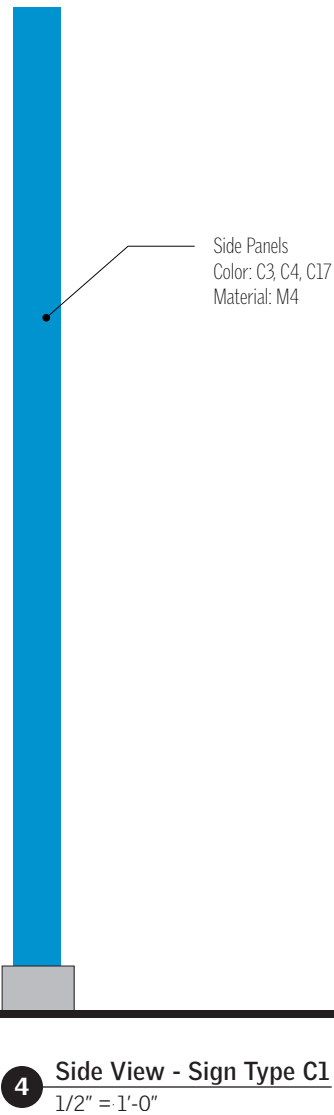
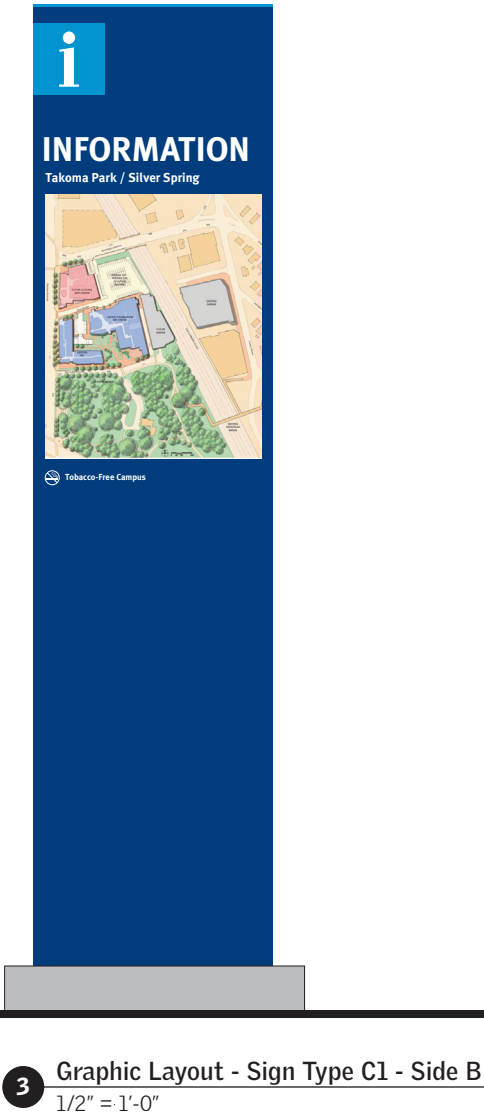
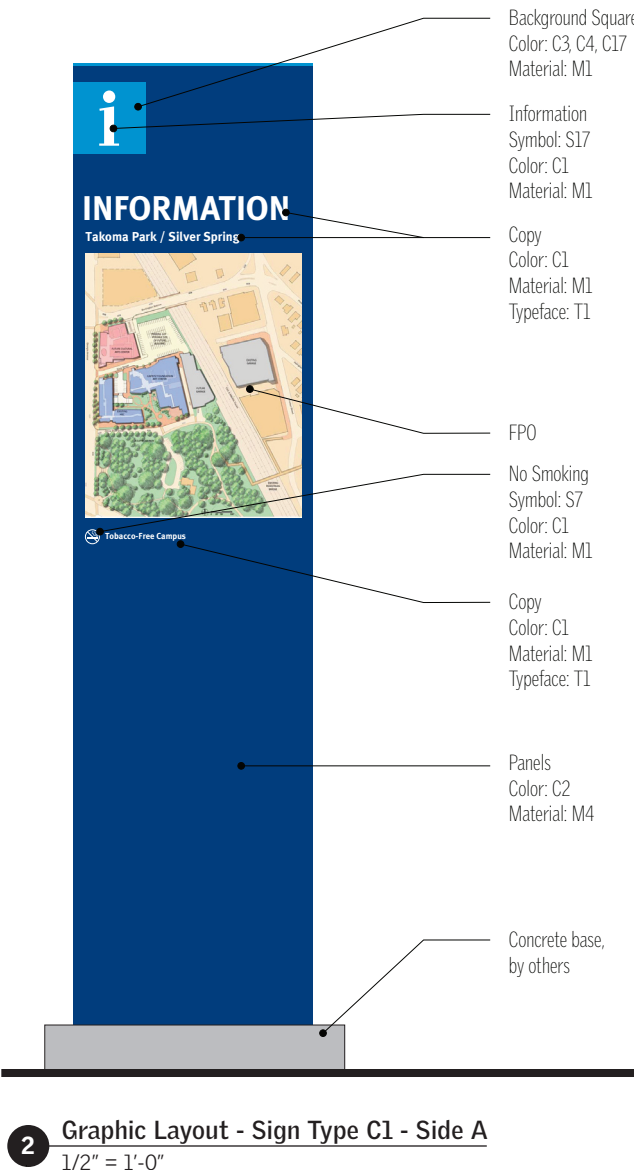
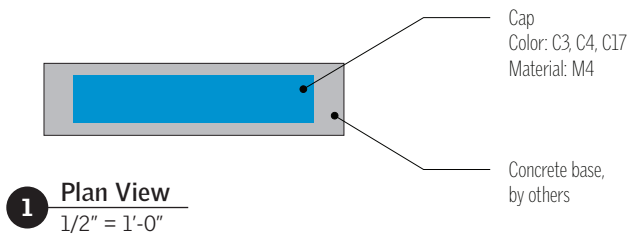
GENERAL NOTE

All construction, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.44 SIGN TYPE C1

SIGN TYPE SPECIFICATIONS



C1
INFORMATION KIOSK

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon C4*:
Matthews Paint MP15184 Ophios Green C17*:
Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +0
T1 (Upper/Lower Case): +0

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.
S7: [Mon_Col_NoSmoking.eps]
S17: [Mon_Col_Info.eps]

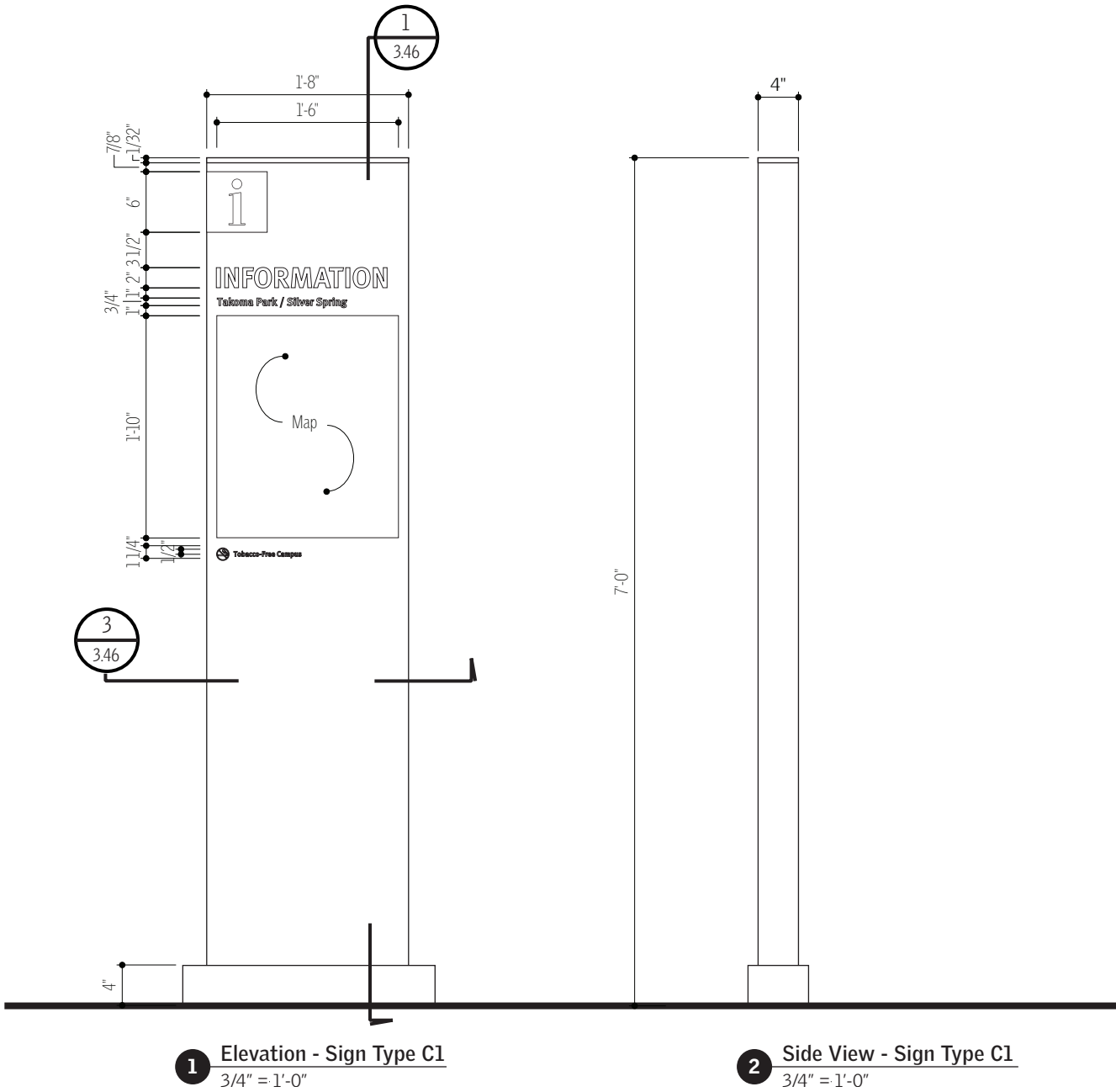
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17

3.45 SIGN TYPE C1

SIGN TYPE SPECIFICATIONS

C1
INFORMATION KIOSK

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

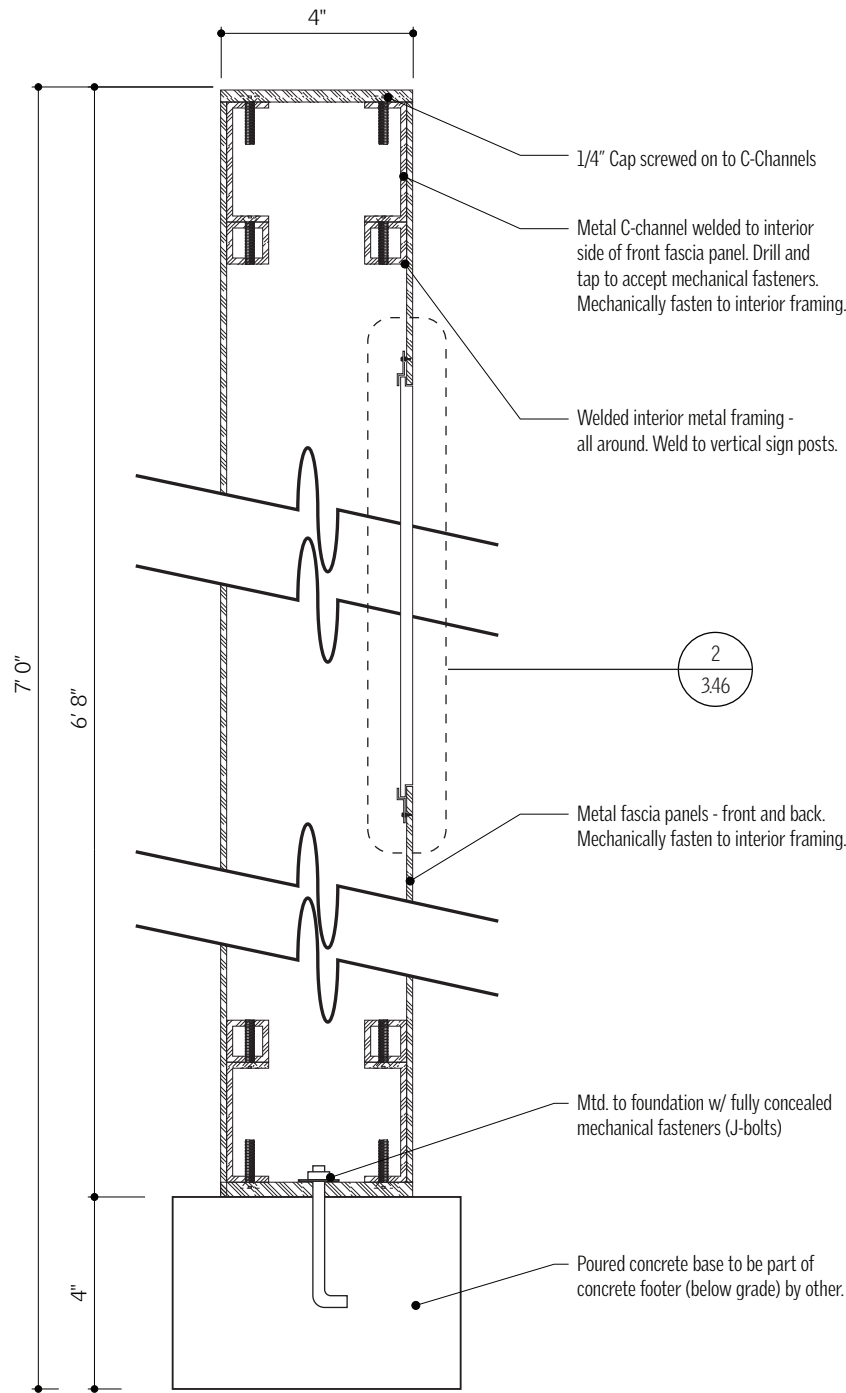


3.46 SIGN TYPE C1

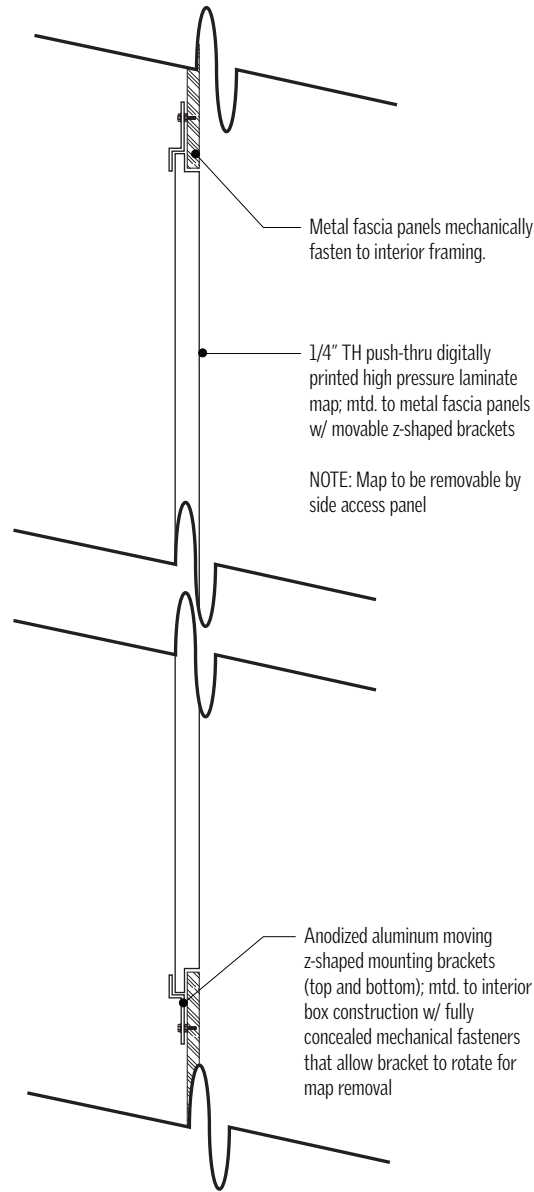
SIGN TYPE SPECIFICATIONS

C1
INFORMATION KIOSK

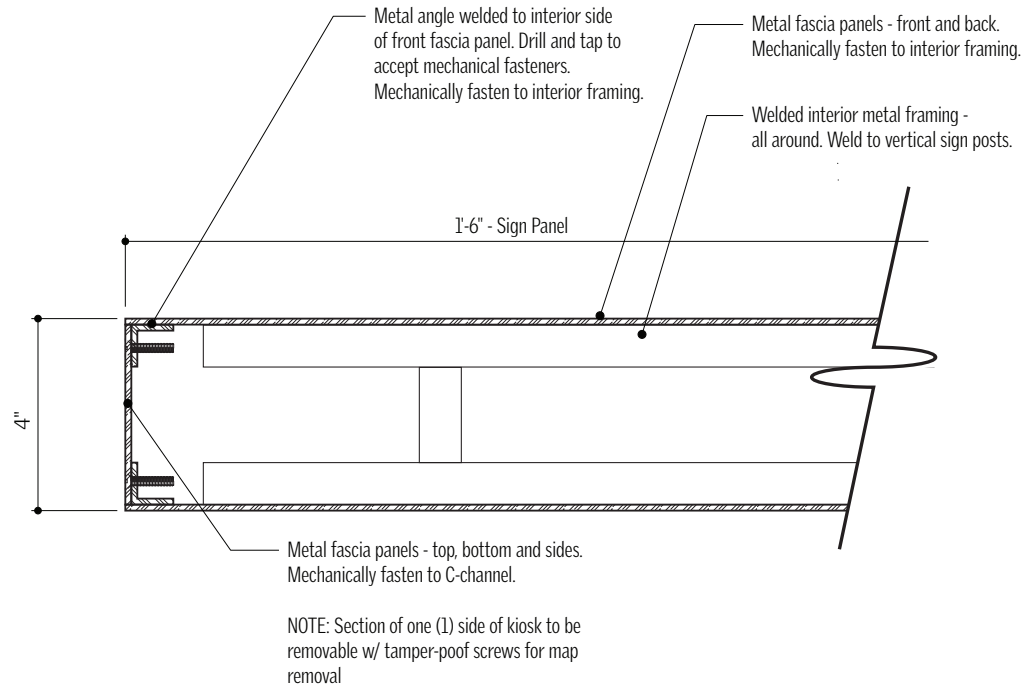
TBD



1 Section - Sign Type C1
3" = 1'-0"



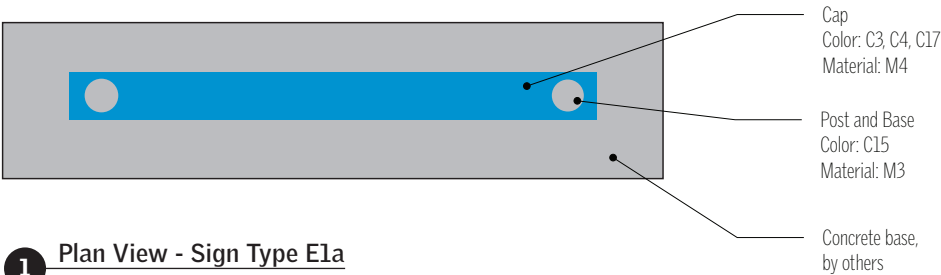
2 Detail Section - Sign Type C1
Half Full



3 Detail Plan View - Sign Type C1
3" = 1'-0"

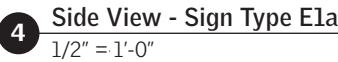
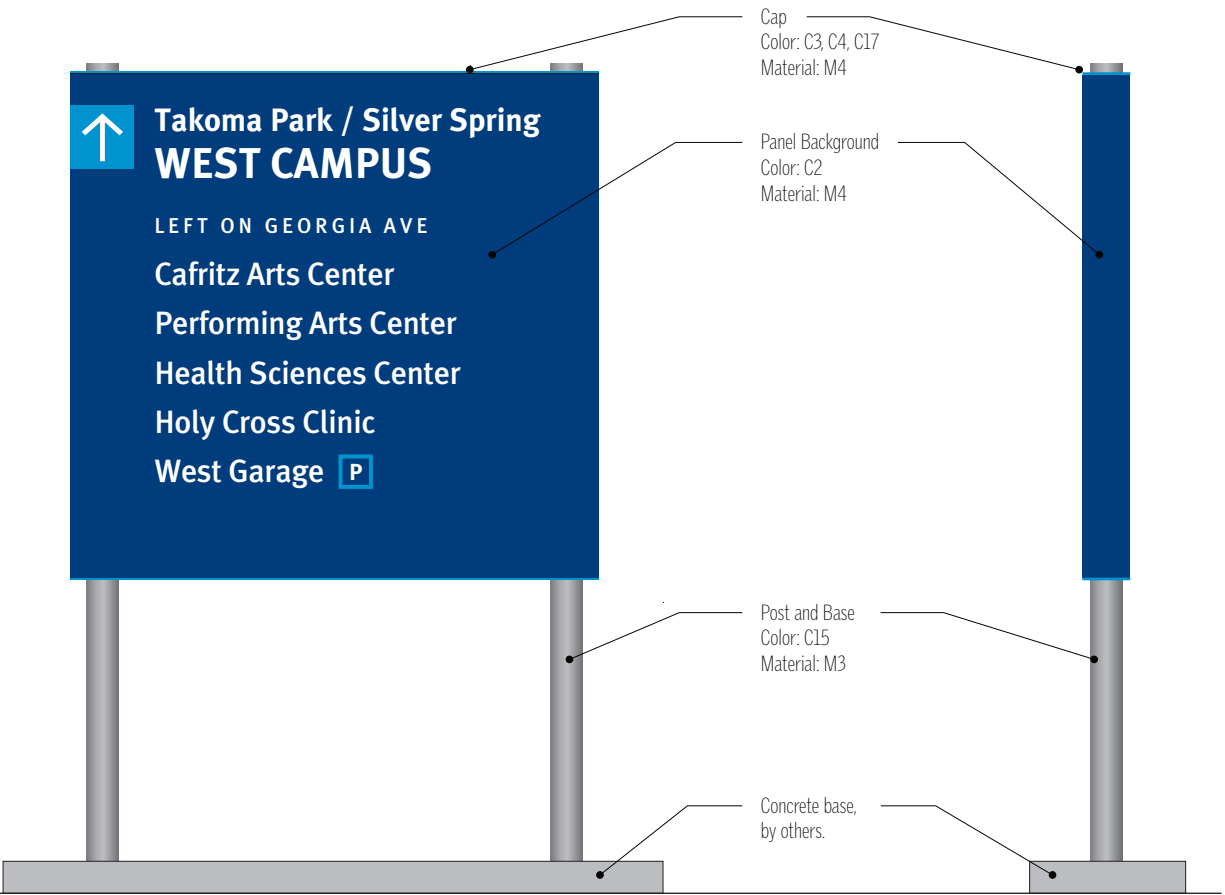
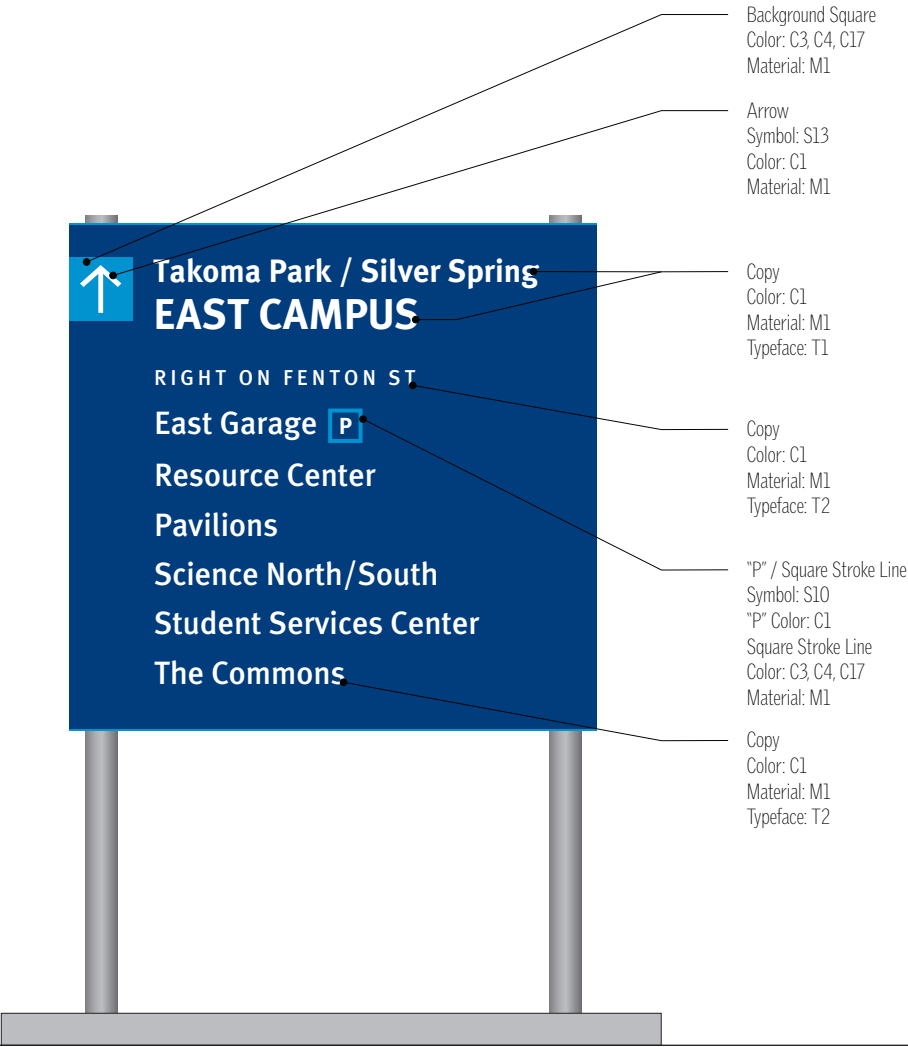
3.47 SIGN TYPE E1A

SIGN TYPE SPECIFICATIONS



NOTE:

Raised bases should only be used when signs are installed on non-concrete surfaces. When installed on paved surfaces, directly embed posts without a base.



E1A
VEHICULAR CAMPUS DIRECTIONAL

- COLOR SCHEDULE
- C1: Duron Standard SW7005 Pure White
 - C2: Matthews Paint MP56089 Blue Satin Finish
 - C3*: Matthews Paint MP15024 Red Dragon
 - C4*: Matthews Paint MP15184 Ophios Green
 - C15: Drylac Powdercoat 23/91020
 - C17*: Matthews Paint MP09133 Process Cyan U

- MATERIAL SCHEDULE
- M1: Frisket Painting Color
 - M3: Powder Coated Aluminum
 - M4: Painted Aluminum

- TYPEFACE SCHEDULE
- T1: MetaPlus LF Bold
 - T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+0
T1 (Upper/Lower Case):	+0
T2 (Upper Case):	+180
T2 (Upper/Lower Case):	+10

SYMBOL SCHEDULE

Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

- S10: [Mon_Col_Parking.eps]
- S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17

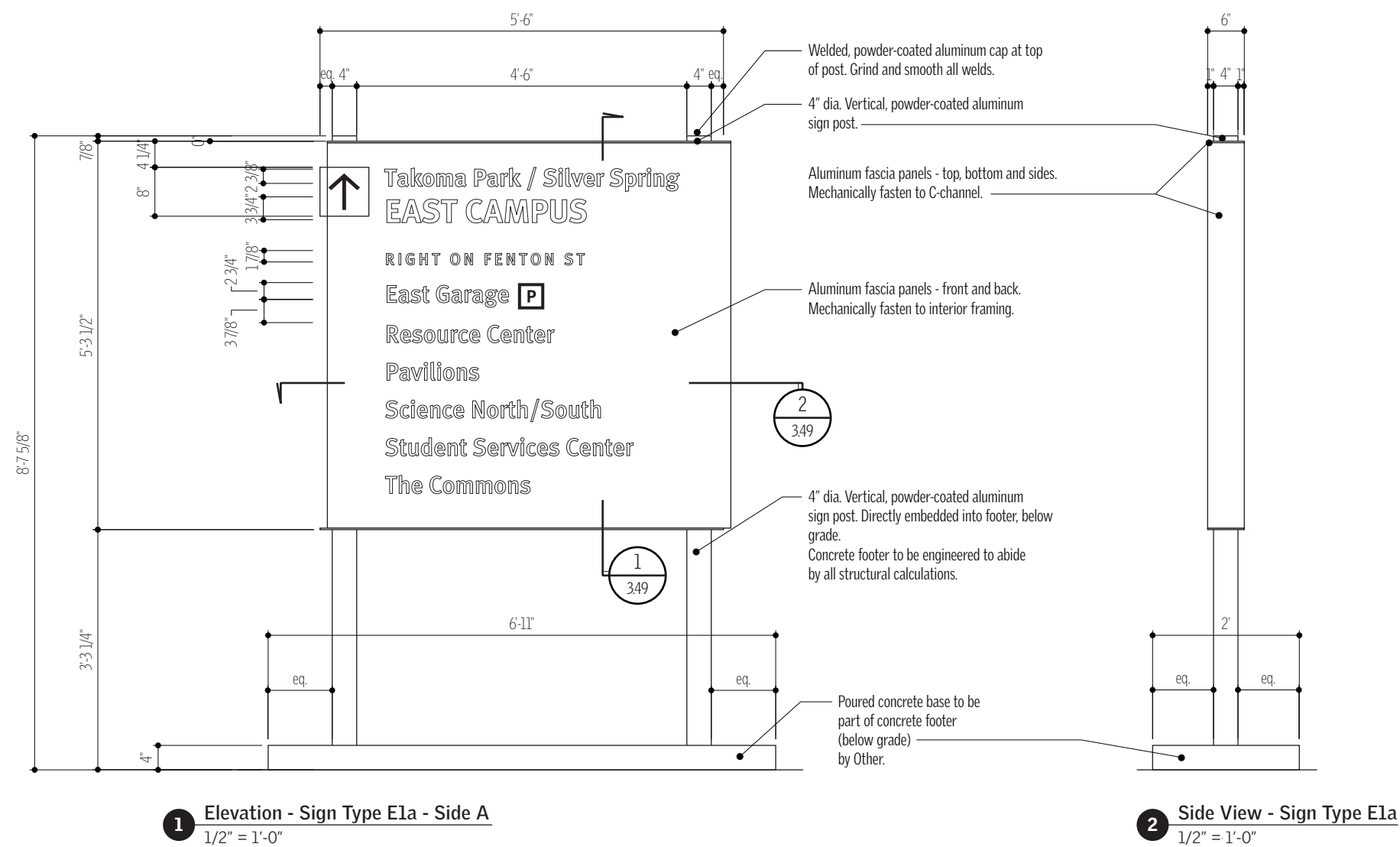
SIGN TYPE SPECIFICATIONS

E1A

VEHICULAR CAMPUS DIRECTIONAL

GENERAL NOTE

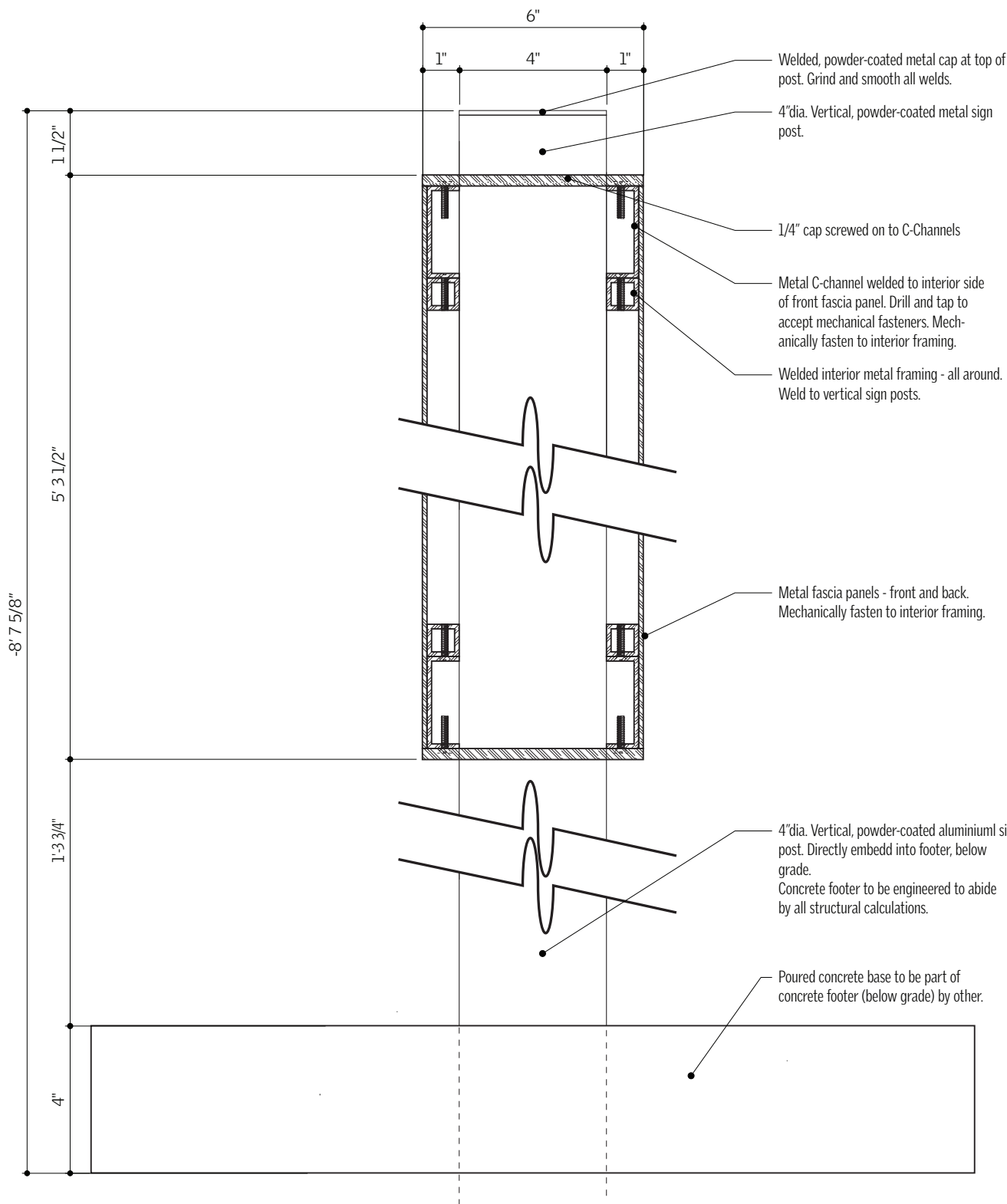
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



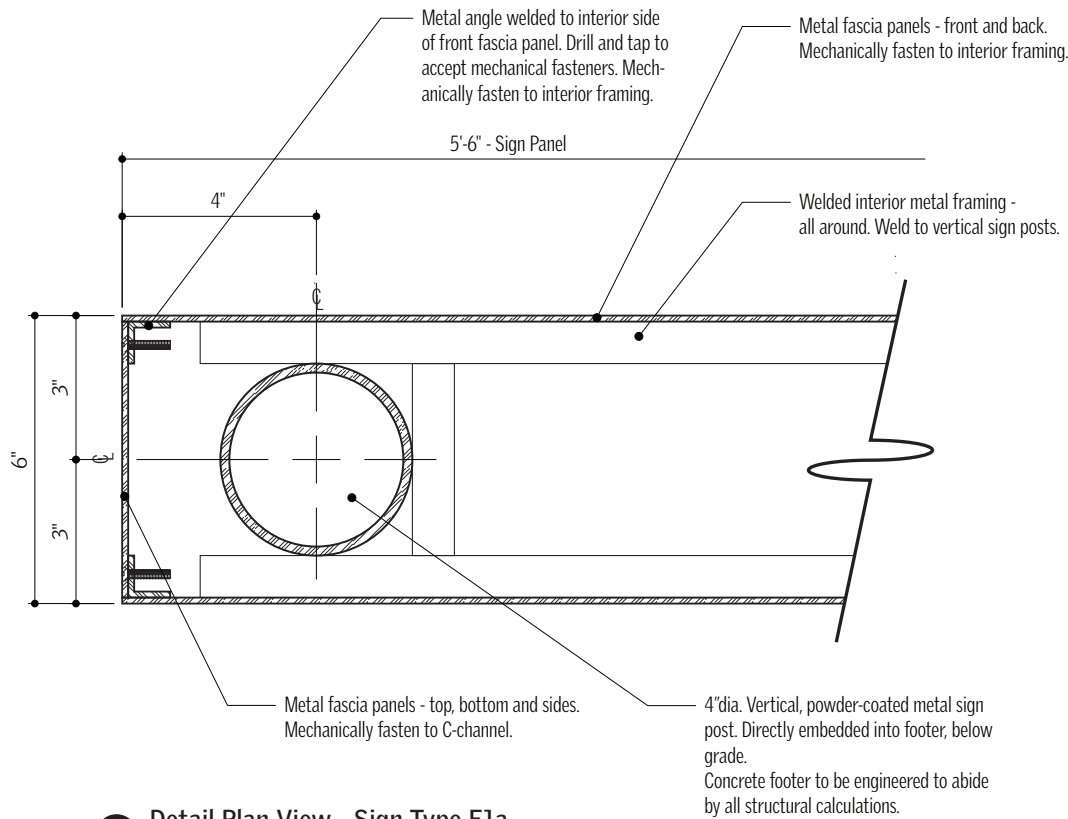
3.49 SIGN TYPE E1A

SIGN TYPE SPECIFICATIONS

E1A
VEHICULAR CAMPUS DIRECTIONAL



1 Detail Section - Sign Type E1a
3" = 1'-0"



2 Detail Plan View - Sign Type E1a
3" = 1'-0"

3.50 SIGN TYPE E1B

SIGN TYPE SPECIFICATIONS

E1B
VEHICULAR CAMPUS DIRECTIONAL,
SMALL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C15: Drylac Powdercoat 23/91020
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M3: Powder Coated Aluminum
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

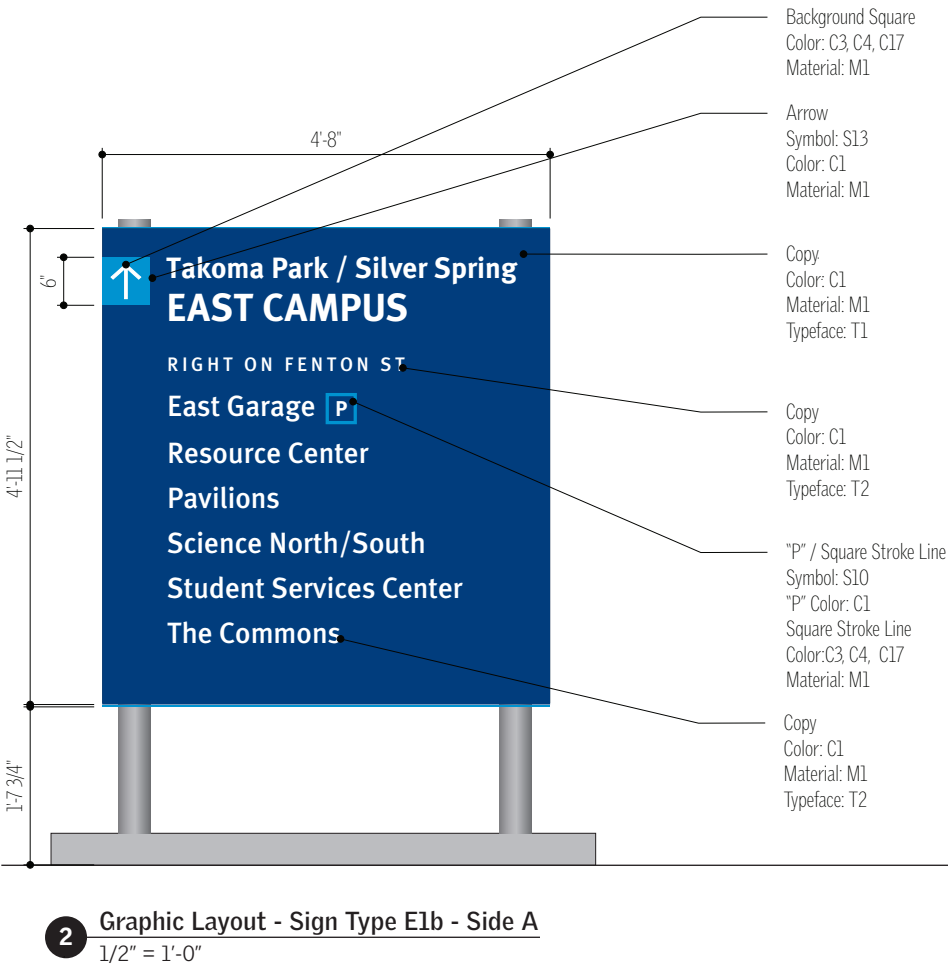
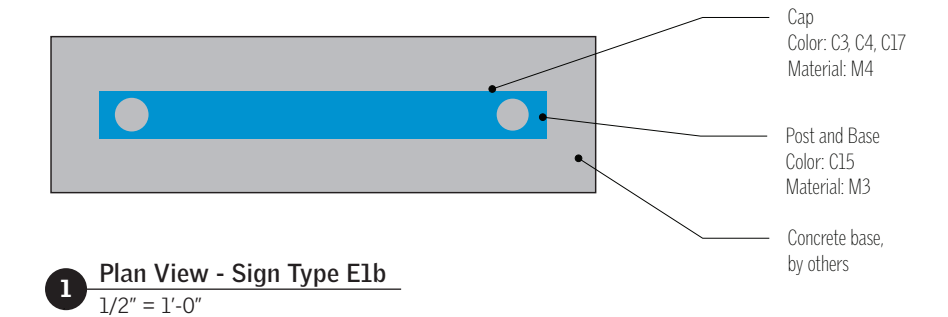
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+0
T1 (Upper/Lower Case):	+0
T2 (Upper Case):	+180
T2 (Upper/Lower Case):	+10

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

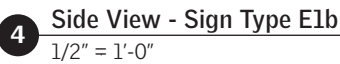
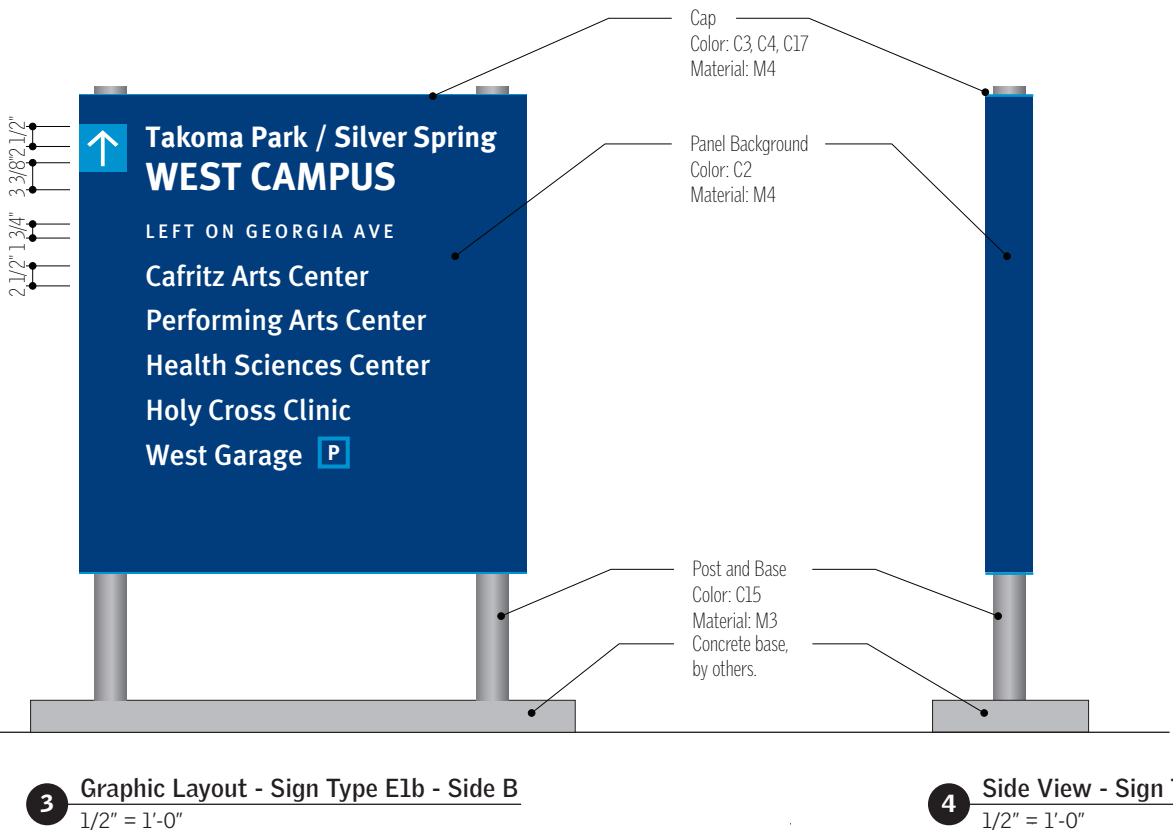
S10: [Mon_Col_Parking.eps]
S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



NOTE:

Raised bases should only be used when signs are installed on non-concrete surfaces. When installed on paved surfaces, directly embed posts without a base.

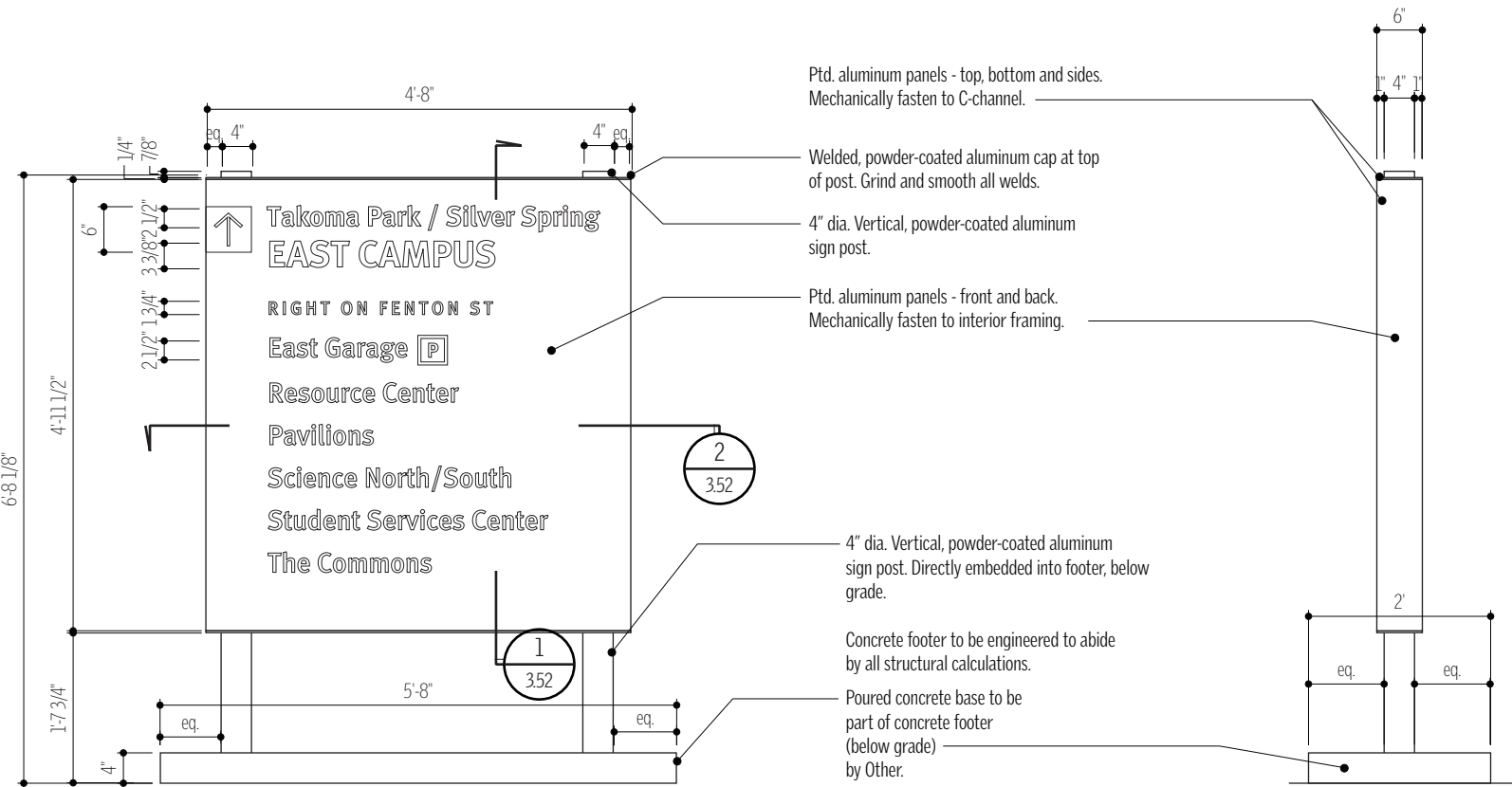


3.51 SIGN TYPE E1B

SIGN TYPE SPECIFICATIONS

E1B
VEHICULAR CAMPUS DIRECTIONAL,
SMALL

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



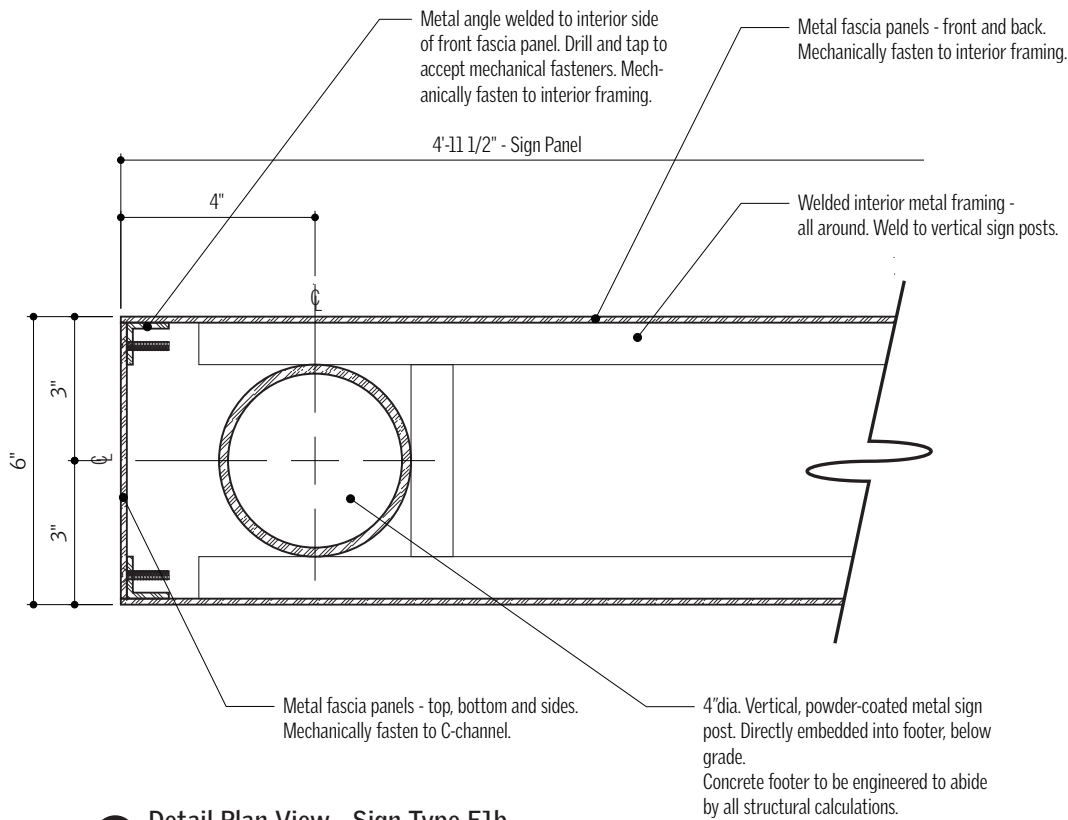
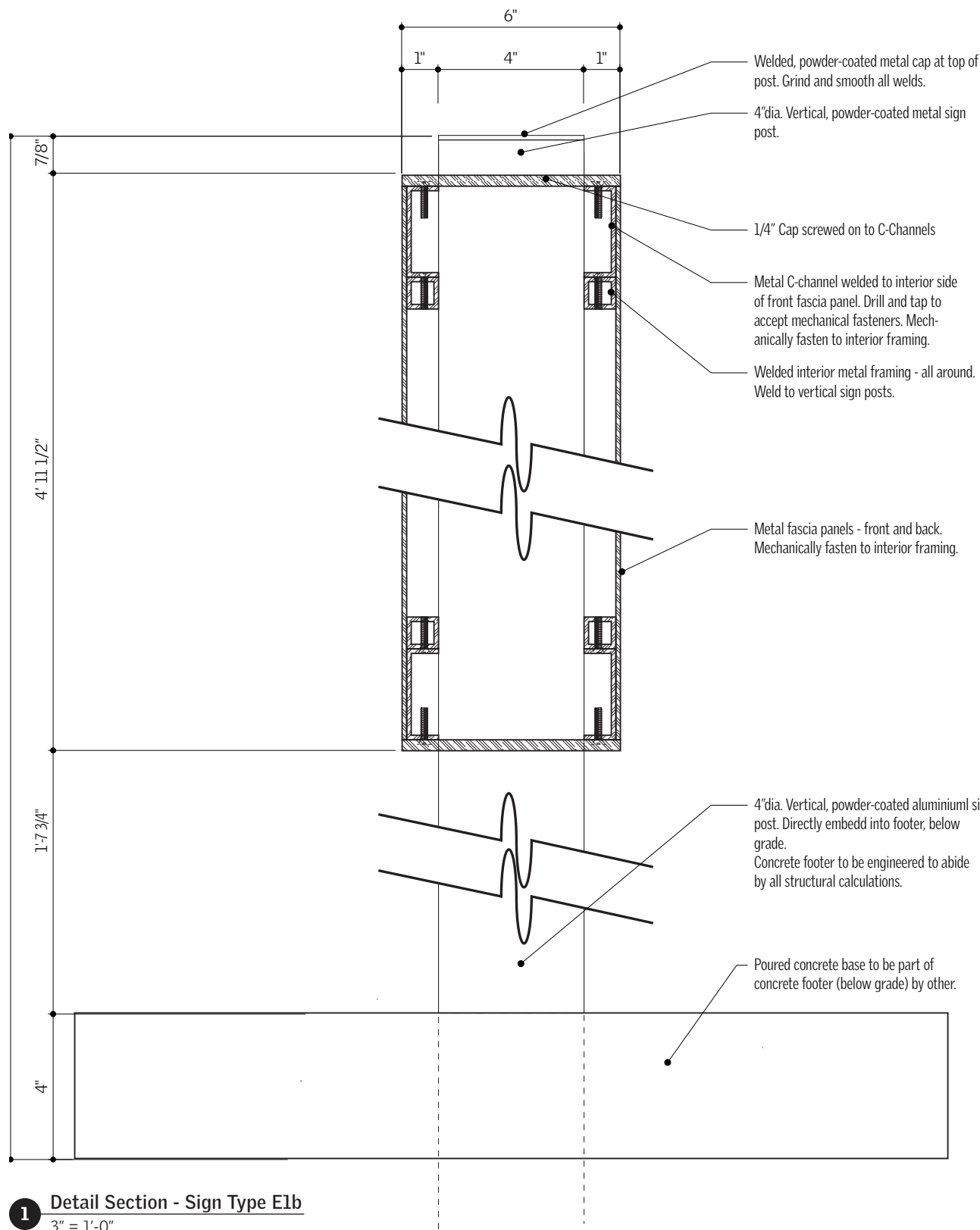
1 Elevation - Sign Type E1b - Side A
1/2" = 1'-0"

2 Side View - Sign Type E1b
1/2" = 1'-0"

3.52 SIGN TYPE E1B

SIGN TYPE SPECIFICATIONS

E1B
VEHICULAR CAMPUS DIRECTIONAL,
SMALL



3.53 SIGN TYPE E1C

SIGN TYPE SPECIFICATIONS

E1C
VEHICULAR CAMPUS DIRECTIONAL,
SMALL (L-SHAPED)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15204 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C15: Drylac Powdercoat 23/91020
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M3: Powder Coated Aluminum
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

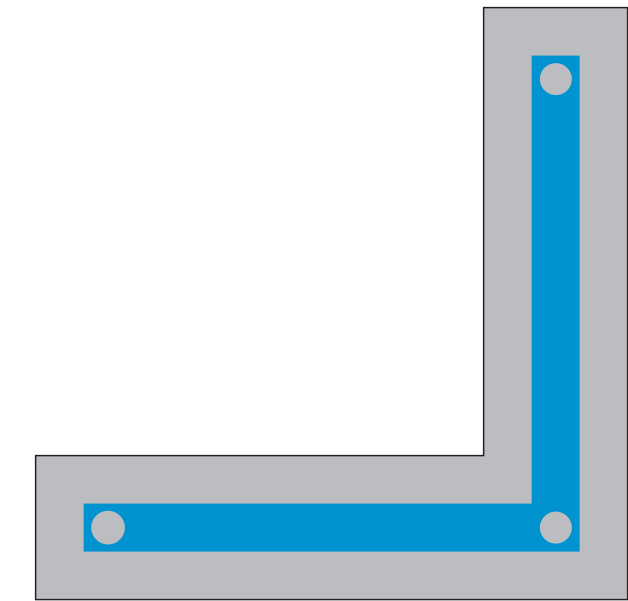
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+0
T1 (Upper/Lower Case):	+0
T2 (Upper Case):	+180
T2 (Upper/Lower Case):	+10

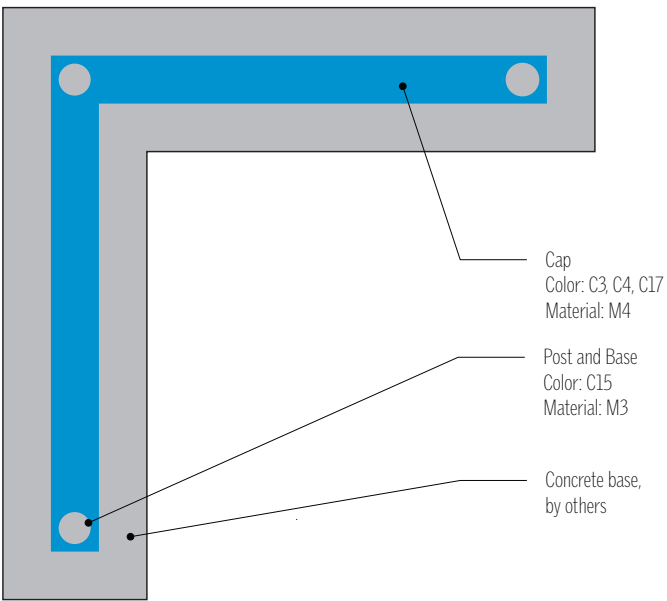
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S10:	[Mon_Col_Parking.eps]
S13:	[Mon_Col_Arrow.eps]

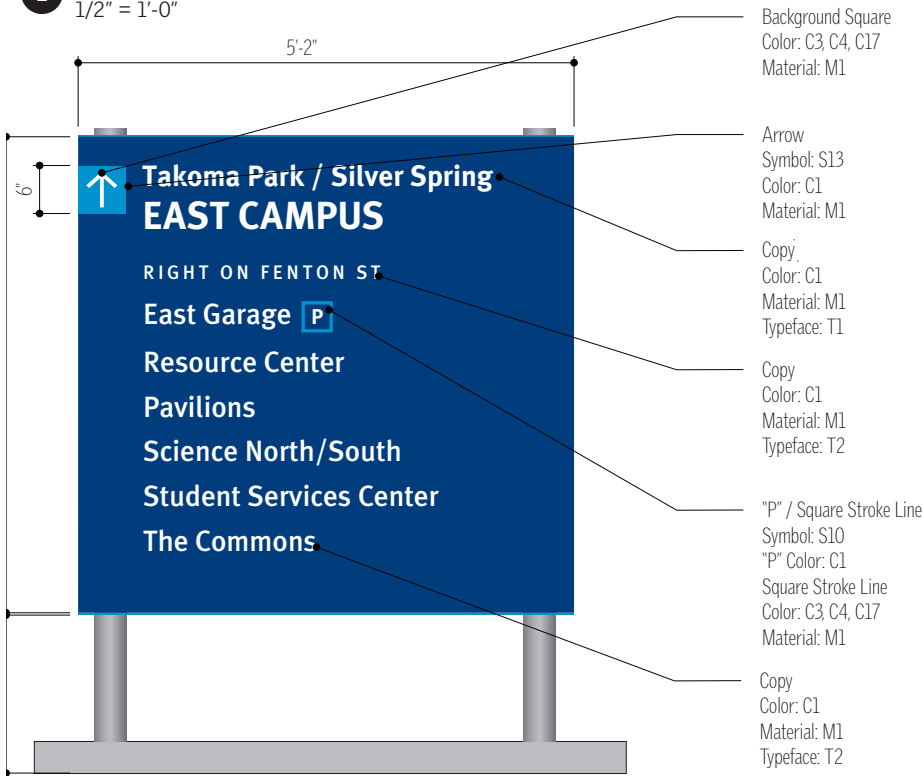
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



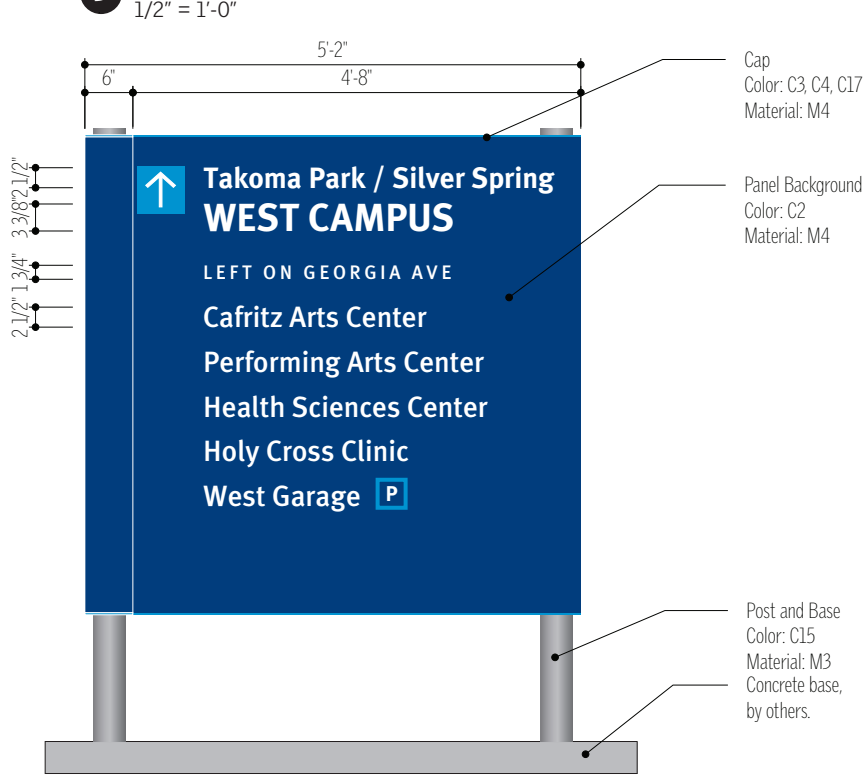
1 Plan View - Sign Type E1c
1/2" = 1'-0"



3 Plan View - Sign Type E1c
1/2" = 1'-0"



2 Graphic Layout - Sign Type E1c
1/2" = 1'-0"



4 Graphic Layout - Sign Type E1c
1/2" = 1'-0"

NOTE:
Raised bases should only be used when signs are installed on non-concrete surfaces. When installed on paved surfaces, directly embed posts without a base.

3.54 SIGN TYPE E1C

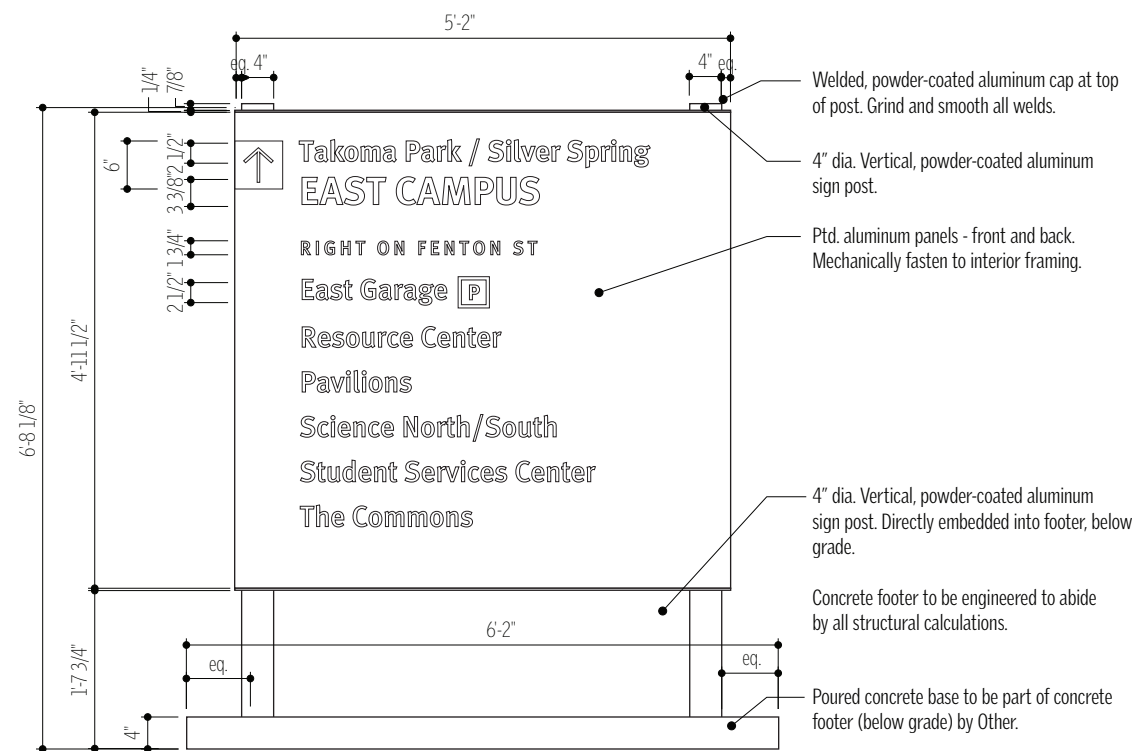
SIGN TYPE SPECIFICATIONS

E1C

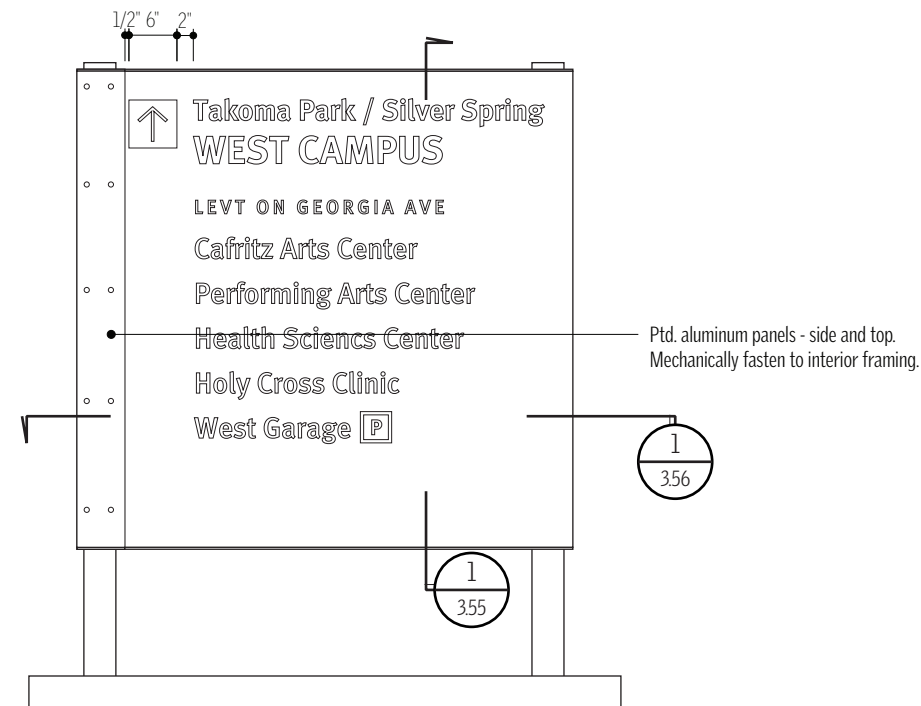
VEHICULAR CAMPUS DIRECTIONAL, SMALL (L-SHAPED)

GENERAL NOTE

All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type Elc - Side A
1/2" = 1'-0"

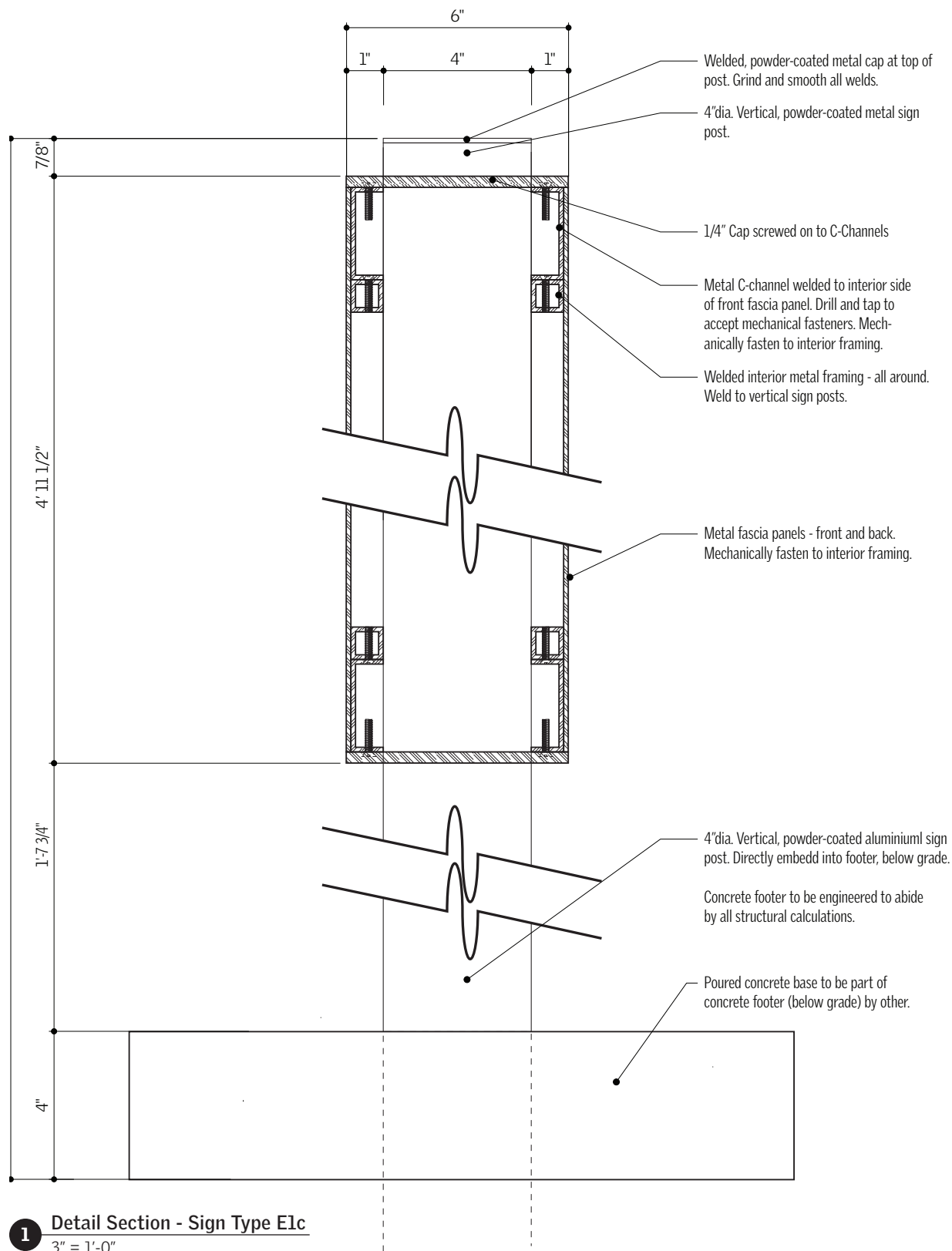


1 Elevation - Sign Type Elc - Side B
1/2" = 1'-0"

3.55 SIGN TYPE E1C

SIGN TYPE SPECIFICATIONS

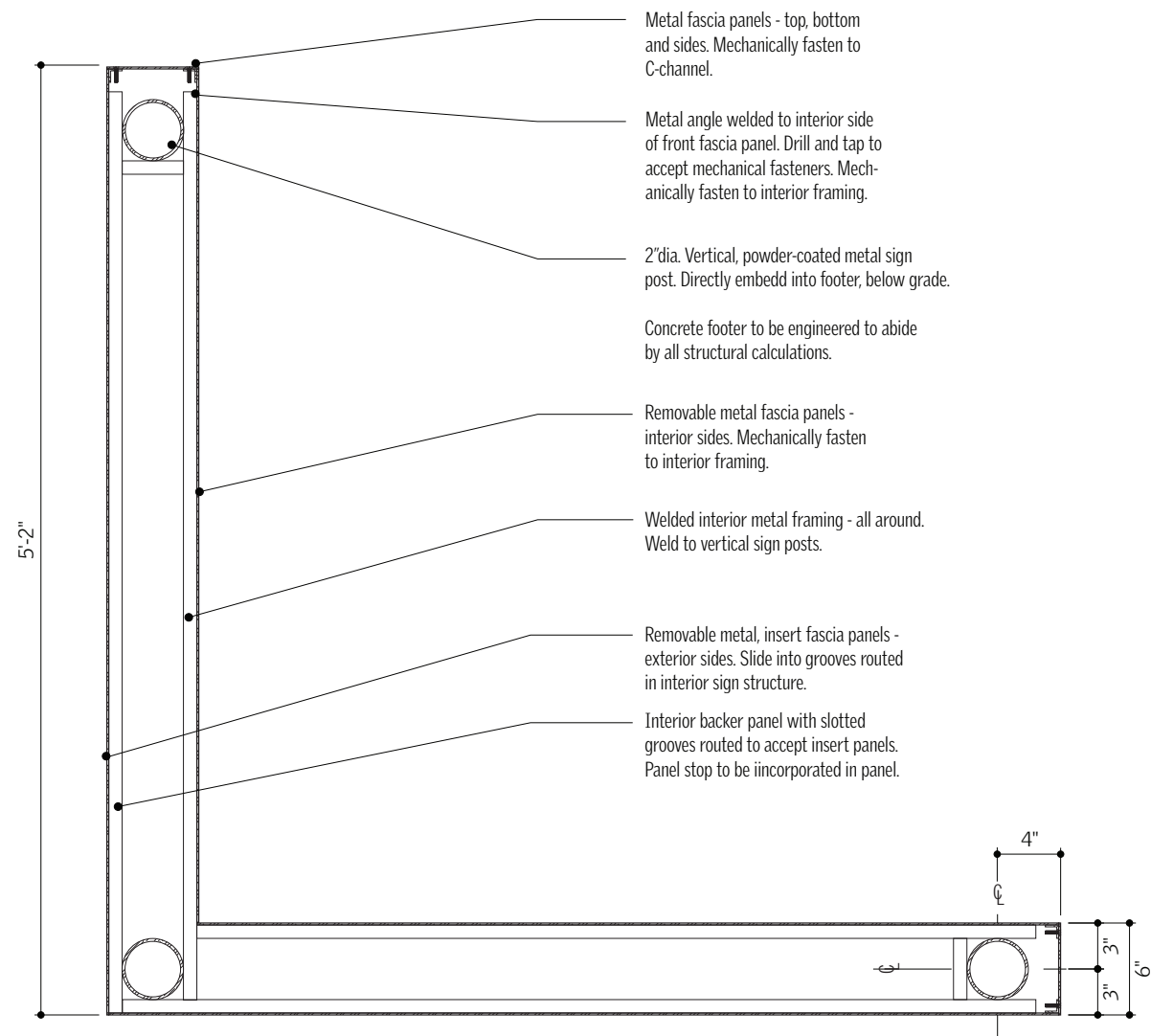
E1C
VEHICULAR CAMPUS DIRECTIONAL,
SMALL (L-SHAPED)



3.56 SIGN TYPE E1C

SIGN TYPE SPECIFICATIONS

E1C
VEHICULAR CAMPUS DIRECTIONAL,
SMALL (L-SHAPED)



1 Horizontal Section - Sign Type E1c
1" = 1'-0"

3.57 SIGN TYPE E2

SIGN TYPE SPECIFICATIONS

E2
VEHICULAR BUILDING ID AND
DIRECTIONAL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Green Ophios
C15: Drylac Powdercoat 23/91020
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M3: Powder Coated Aluminum
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

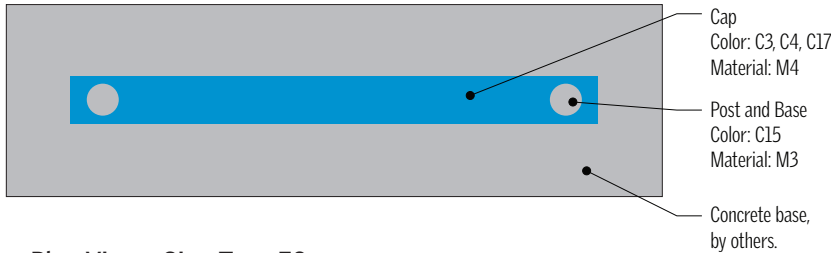
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper/Lower Case): +0
T2 (Upper Case): +180
T2 (Upper/Lower Case) Primary: +10
T2 (Upper/Lower Case) Secondary: +0

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S10: [Mon_Col_Parking.eps]
S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



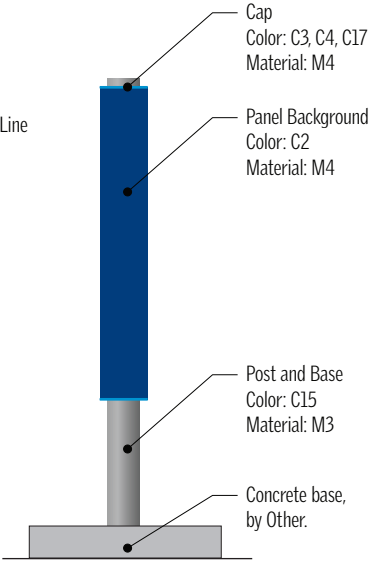
1 Plan View - Sign Type E2
1/2" = 1'-0"



2 Graphic Layout - Sign Type E2
1/2" = 1'-0"



3 Graphic Layout - Sign Type E2 - Alternate Message
1/2" = 1'-0"



4 Side View - Sign Type E2
1/2" = 1'-0"

3.58 SIGN TYPE E2

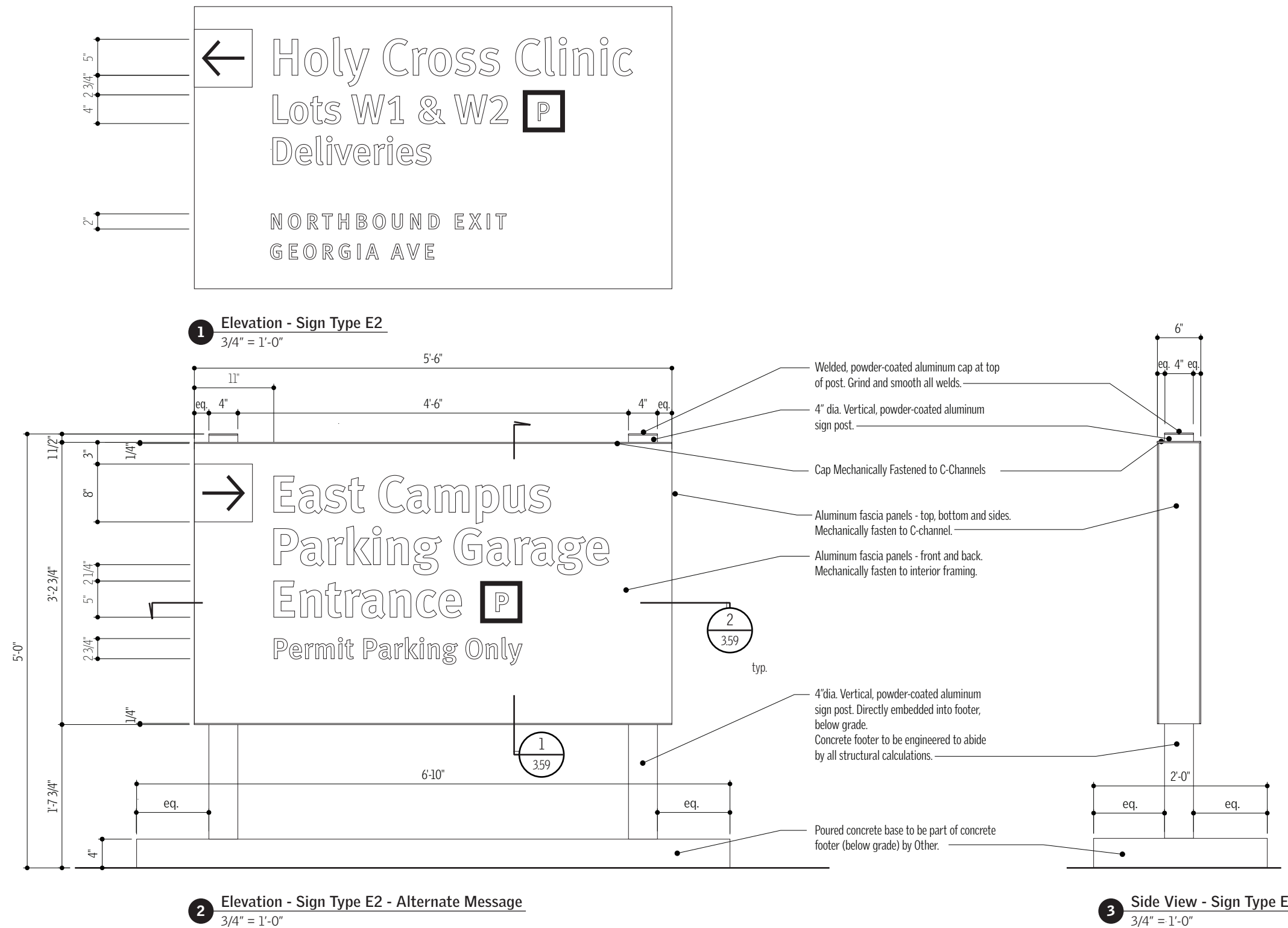
SIGN TYPE SPECIFICATIONS

E2

VEHICULAR BUILDING ID AND DIRECTIONAL

GENERAL NOTE

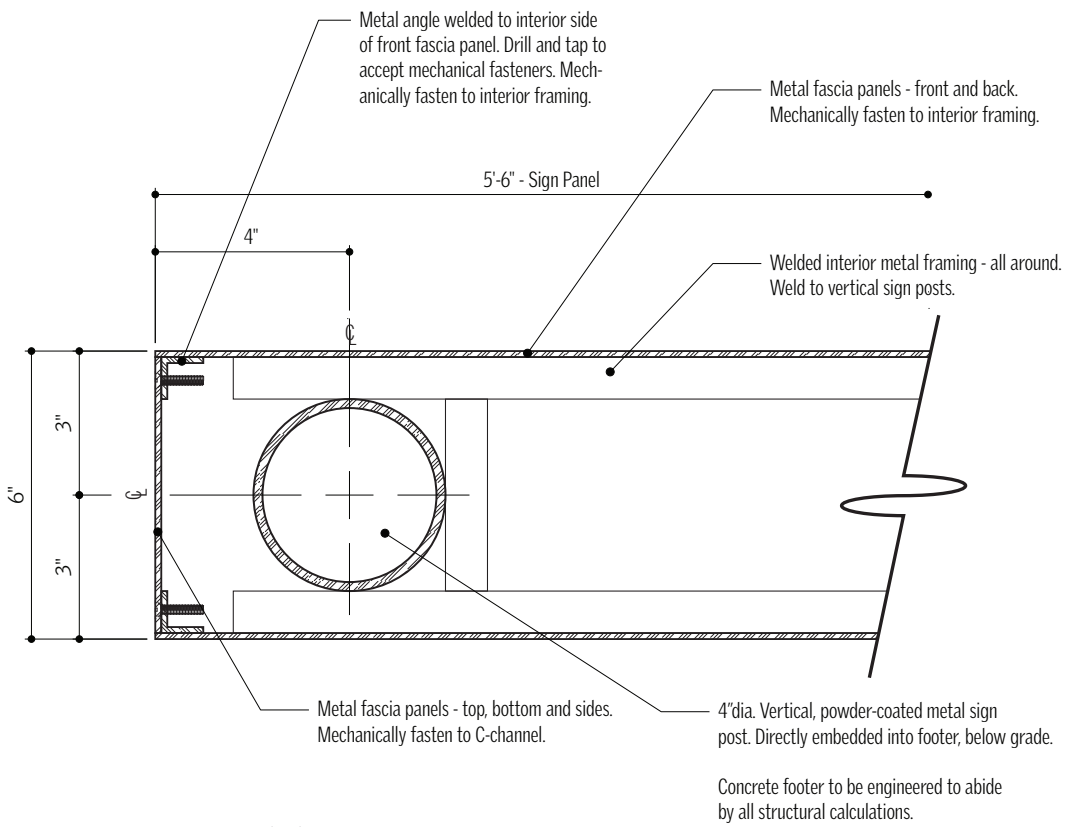
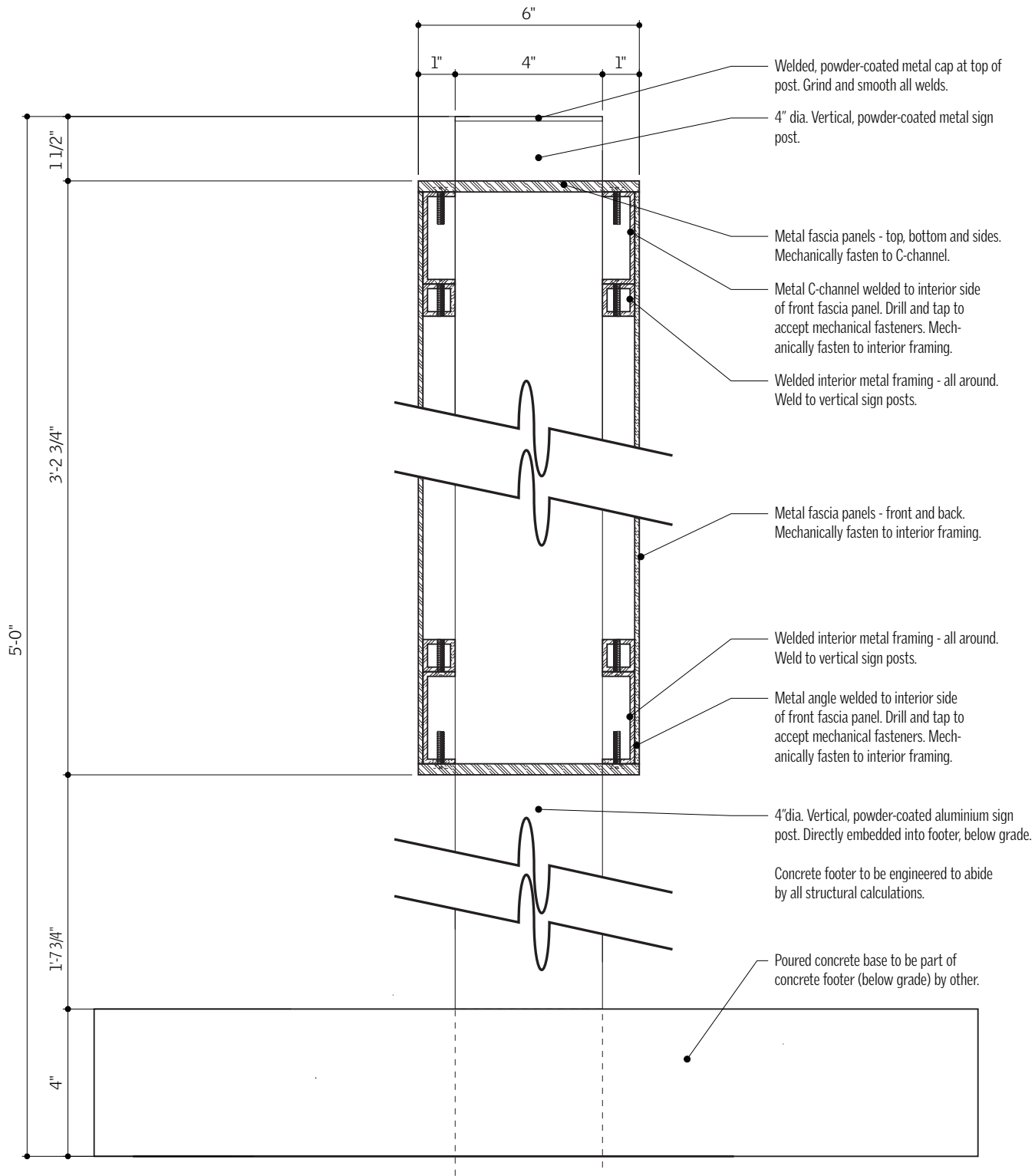
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.59 SIGN TYPE E2

SIGN TYPE SPECIFICATIONS

E2
BUILDING ID AND DIRECTIONAL



3.60 SIGN TYPE E3

SIGN TYPE SPECIFICATIONS

E3
PEDESTRIAN CAMPUS DIRECTIONAL

- COLOR SCHEDULE
- C1: Duron Standard SW7005 Pure White
 - C2: Matthews Paint MP56089 Blue Satin Finish
 - C3*: Matthews Paint MP15024 Red Dragon
 - C4*: Matthews Paint MP15184 Ophios Green
 - C15: Drylac Powdercoat 23/91020
 - C17*: Matthews Paint MP09133 Process Cyan U

- MATERIAL SCHEDULE
- M1: Frisket Painting Color
 - M3: Powder Coated Aluminum
 - M4: Painted Aluminum

- TYPEFACE SCHEDULE
- T1: MetaPlus LF Bold
 - T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

- | | |
|----------------------------------|-----|
| T1 (Upper Case): | +10 |
| T2 (Upper Case) Primary: | +0 |
| T2 (Upper Case) Secondary: | +25 |
| T2 (Upper/Lower Case) Primary: | +0 |
| T2 (Upper/Lower Case) Secondary: | +10 |

SYMBOL SCHEDULE

Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

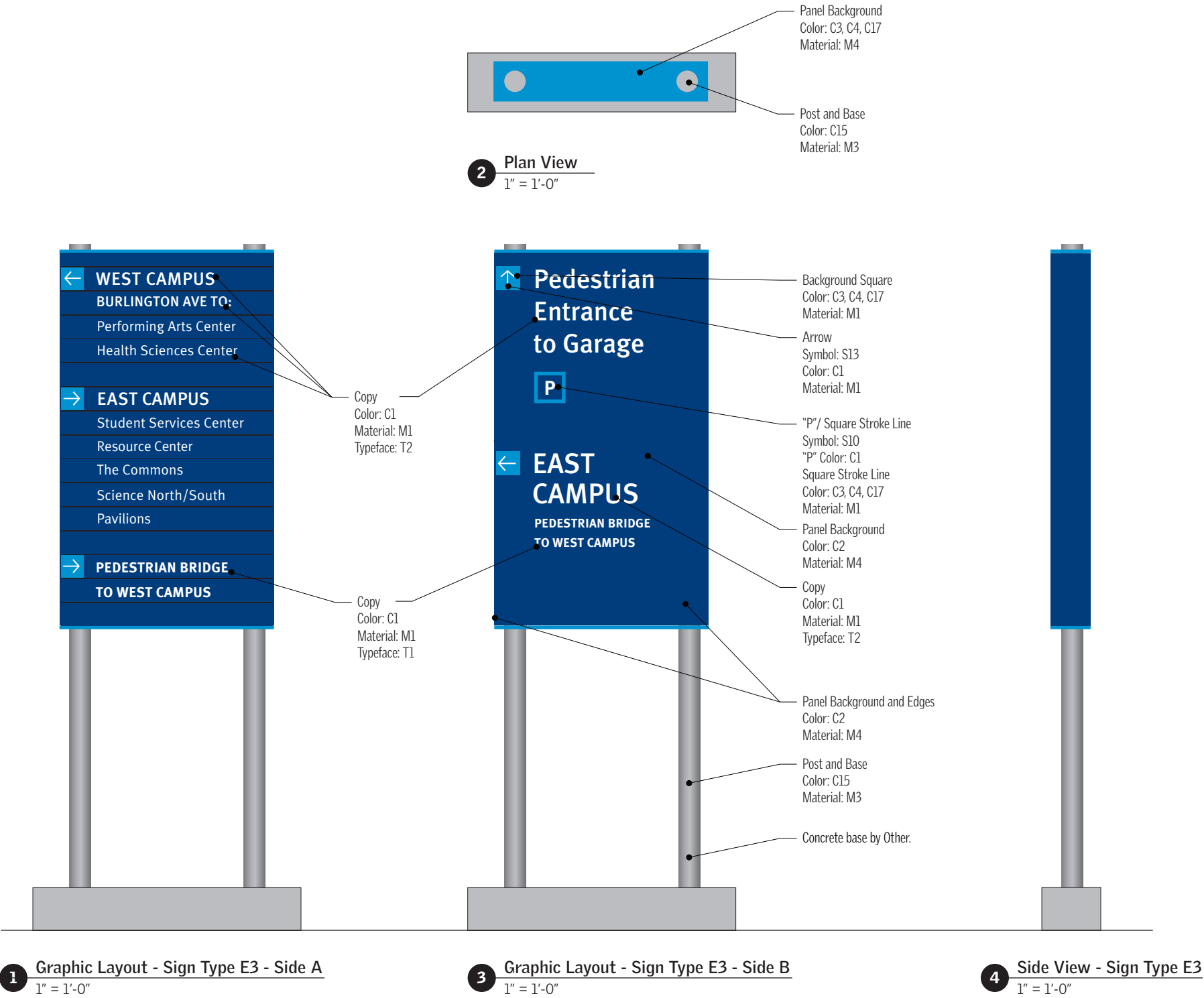
- S10: [Mon_Col_Parking.eps]
- S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:

Rockville: C3

Germantown: C4

Takoma Park/Silver Spring: C17

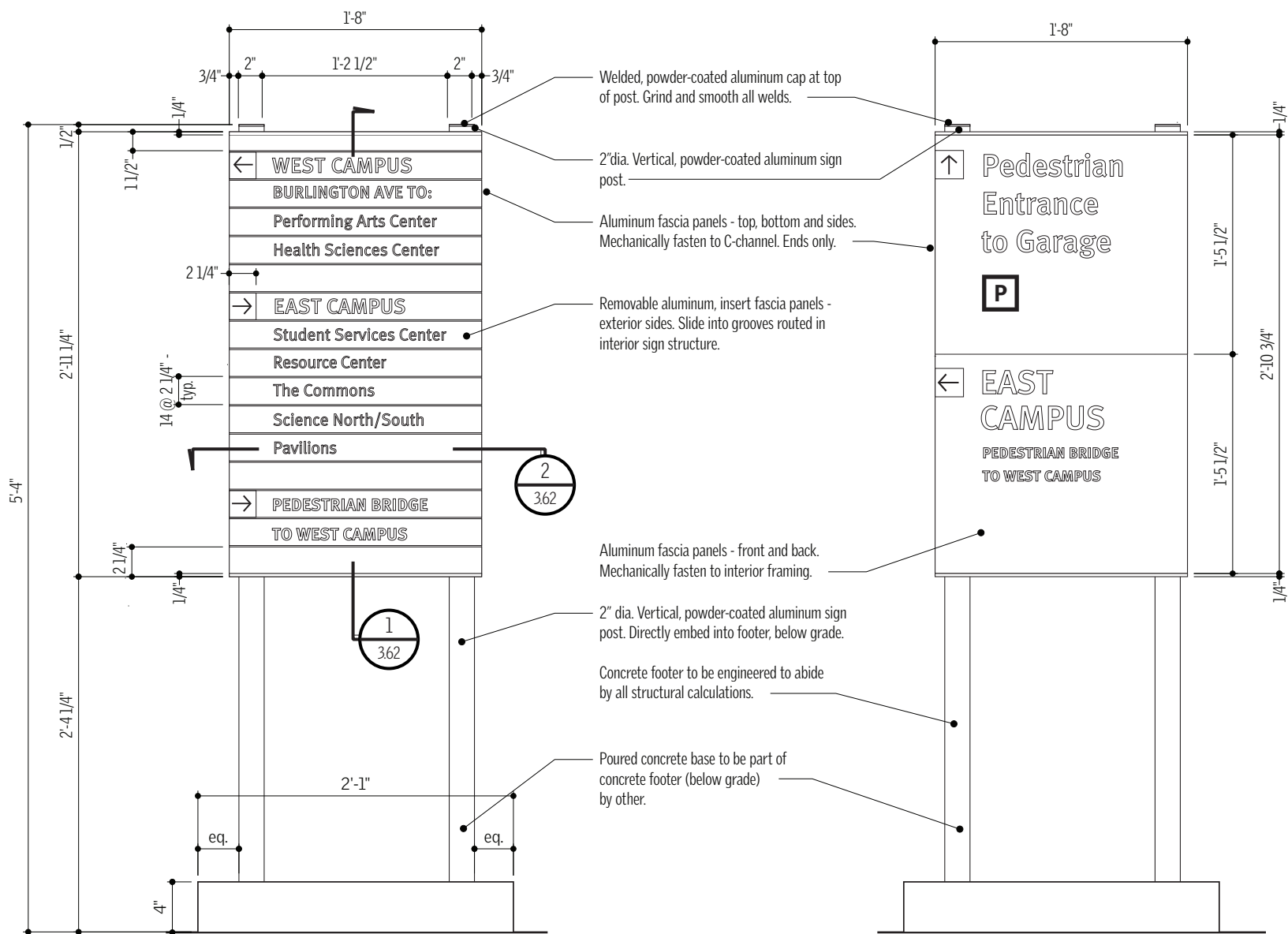


3.61 SIGN TYPE E3

SIGN TYPE SPECIFICATIONS

E3
PEDESTRIAN CAMPUS DIRECTIONAL

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



1 Elevation - Sign Type E3 - Side A
1" = 1'-0"

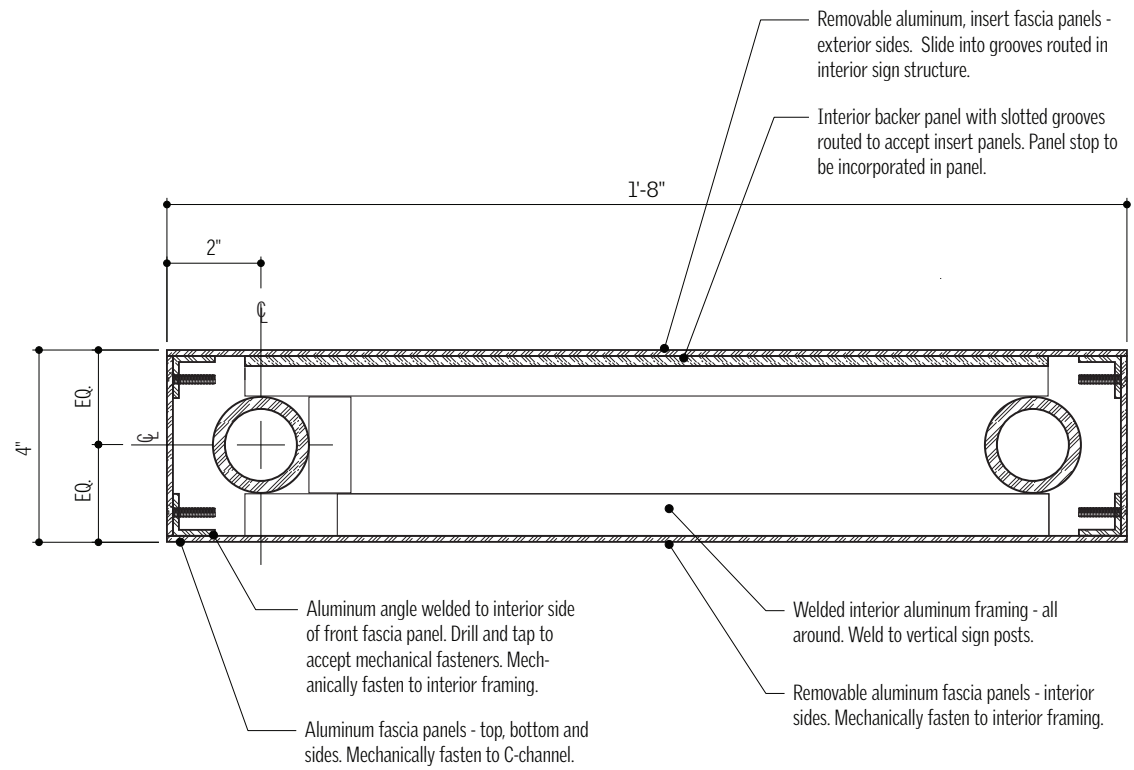
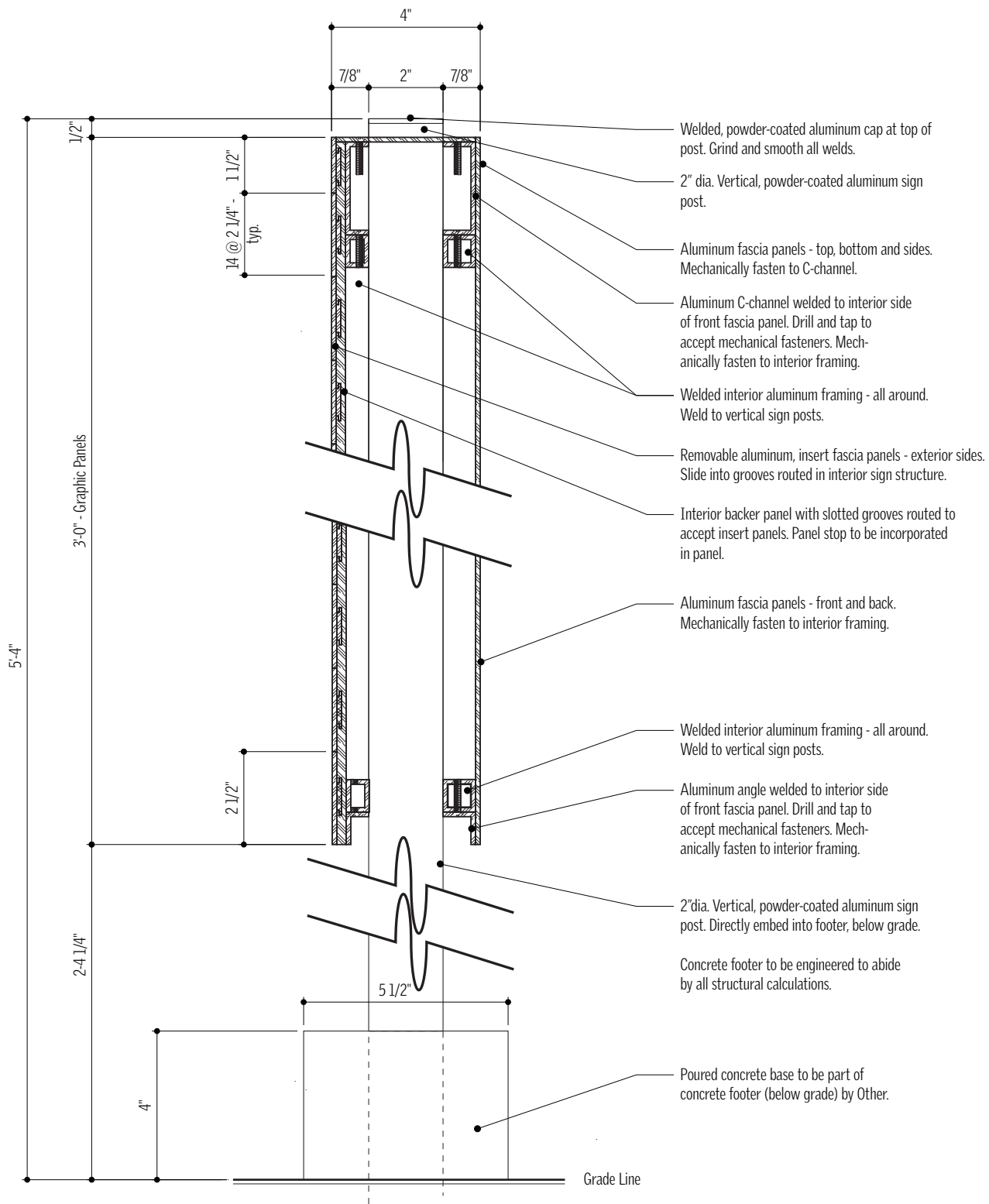
2 Elevation - Sign Type E3 - Side B
1" = 1'-0"

NOTE:
All exposed fastening hardware (set screws, etc.), should be tamper resistant, square drive screws with interior pin inside socket and painted to match background properties. Use non-corrosive fastening hardware.

3.62 SIGN TYPE E3

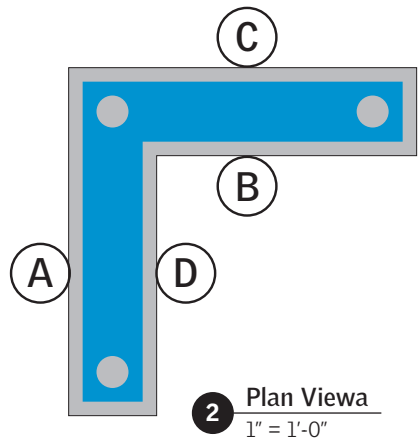
SIGN TYPE SPECIFICATIONS

E3
PEDESTRIAN CAMPUS DIRECTIONAL

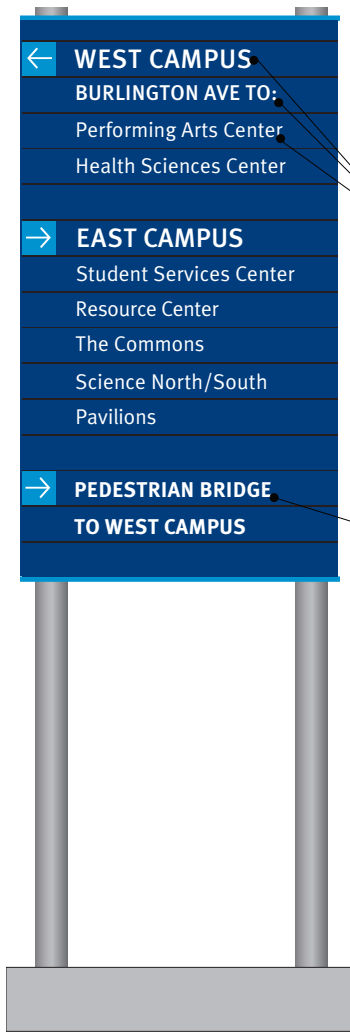


3.63 SIGN TYPE E3B

SIGN TYPE SPECIFICATIONS



2 Plan View
1" = 1'-0"



1 Graphic Layout - Sign Type E3b - Side A
1" = 1'-0"



3 Graphic Layout - Sign Type E3b - Side B
1" = 1'-0"

Background Square
Color: C3, C4, C17
Material: M1

Arrow
Symbol: S13
Color: C1
Material: M1

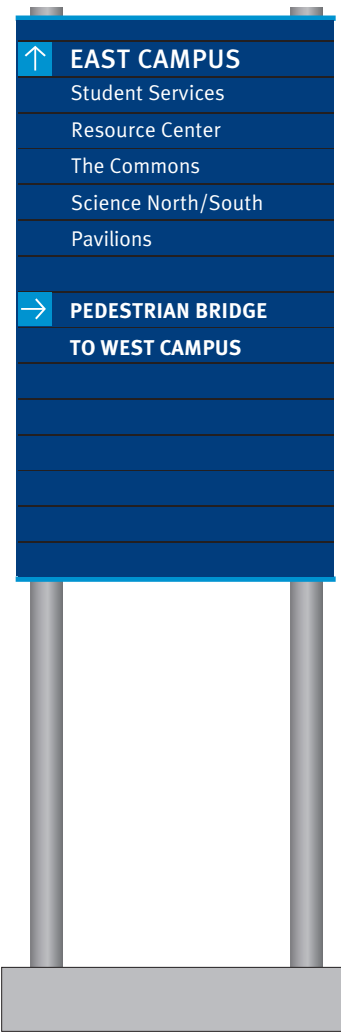
"P"/ Square Stroke Line
Symbol: S10
"P" Color: C1
Square Stroke Line
Color: C3, C4, C17
Material: M1

Copy
Color: C1
Material: M1
Typeface: T2

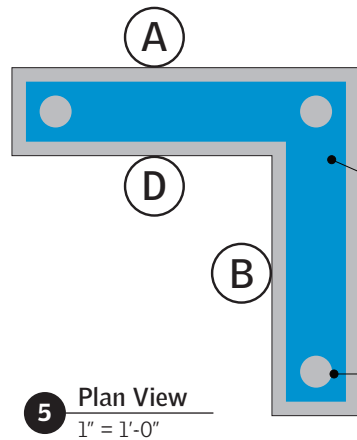
Panel Background
and Edges
Color: C2
Material: M4

Post and Base
Color: C15
Material: M3

Concrete base by Other.



4 Graphic Layout - Sign Type E3b - Side C
1" = 1'-0"



5 Plan View
1" = 1'-0"

Panel Background
Color: C3, C4, C17
Material: M4

Post and Base
Color: C15
Material: M3



6 Graphic Layout - Sign Type E3b - Side D
1" = 1'-0"

E3B
PEDESTRIAN CAMPUS DIRECTIONAL
(L-SHAPED)

COLOR SCHEDULE

C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon
C4*: Matthews Paint MP15184 Ophios Green
C15: Drylac Powdercoat 23/91020
C17*: Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE

M1: Frisket Painting Color
M3: Powder Coated Aluminum
M4: Painted Aluminum

TYPEFACE SCHEDULE

T1: MetaPlus LF Bold
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case):	+10
T2 (Upper Case) Primary:	+0
T2 (Upper Case) Secondary:	+25
T2 (Upper/Lower Case) Primary:	+0
T2 (Upper/Lower Case) Secondary:	+10

SYMBOL SCHEDULE

Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S10: [Mon_Col_Parking.eps]
S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17

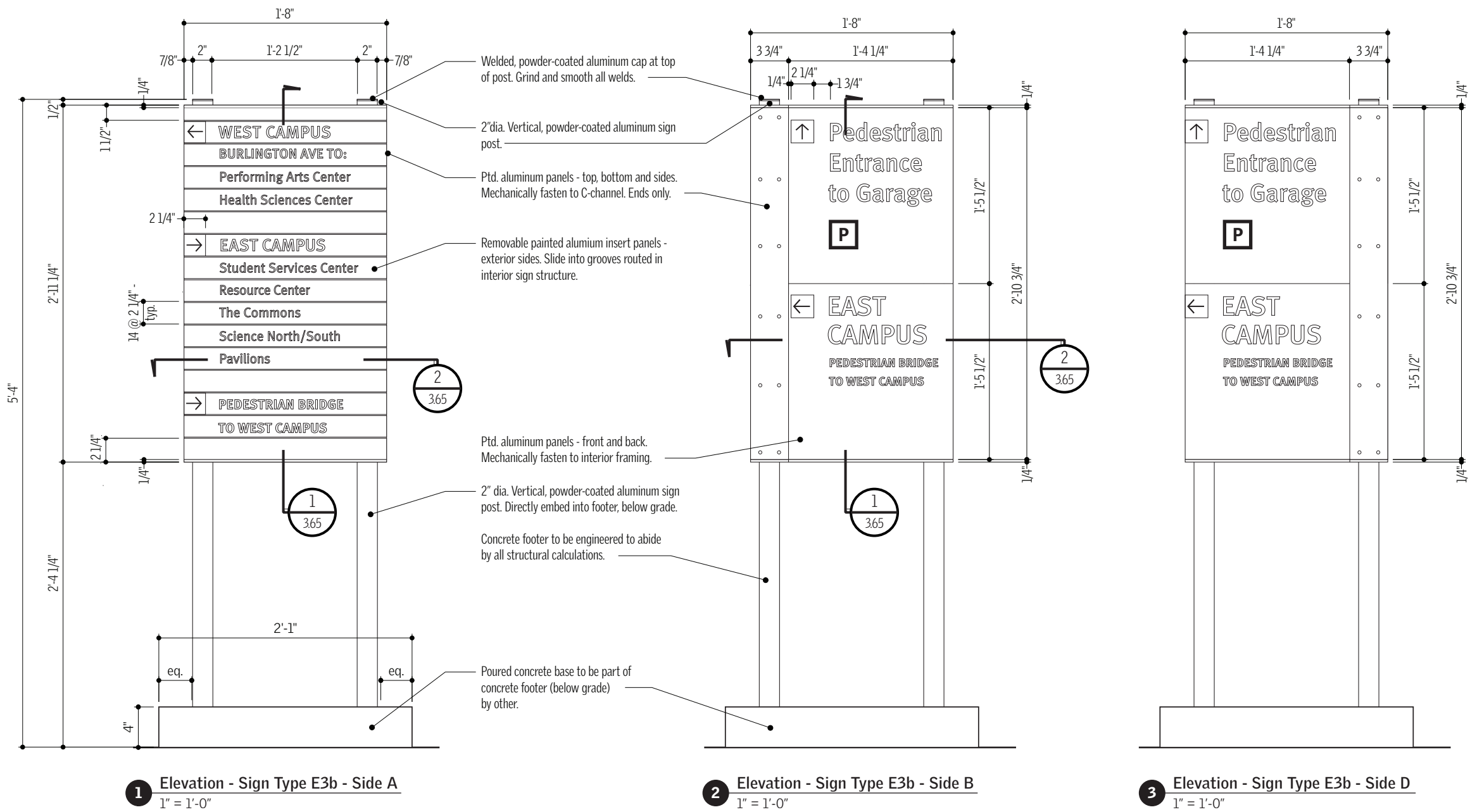
3.64 SIGN TYPE E3B

SIGN TYPE SPECIFICATIONS

E3B
PEDESTRIAN CAMPUS DIRECTIONAL
(L-SHAPED)

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

NOTE:
All exposed fastening hardware (set screws, etc.), should be tamper resistant, square drive screws with interior pin inside socket and painted to match background properties. Use non-corrosive fastening hardware.

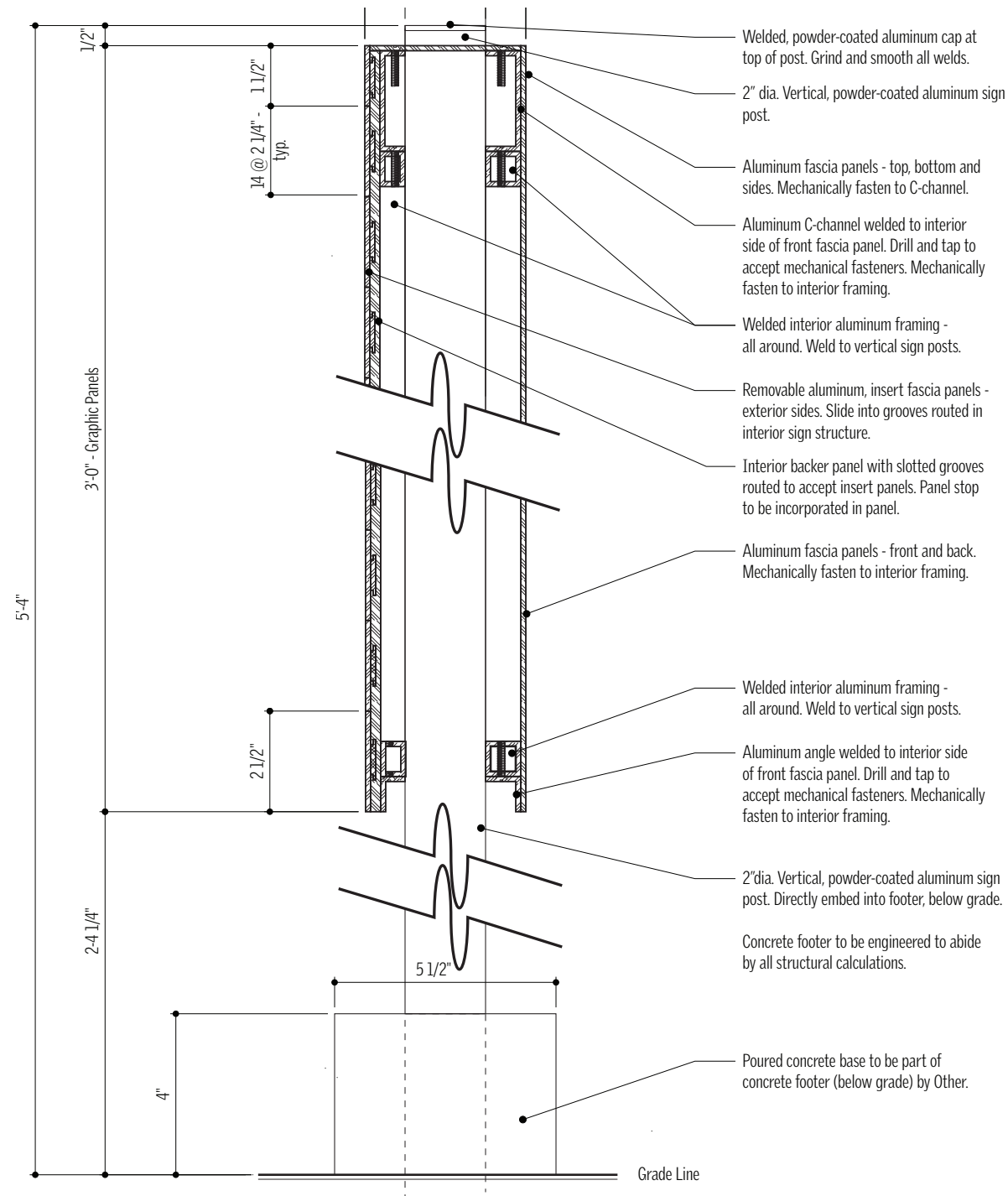


3.65 SIGN TYPE E3B

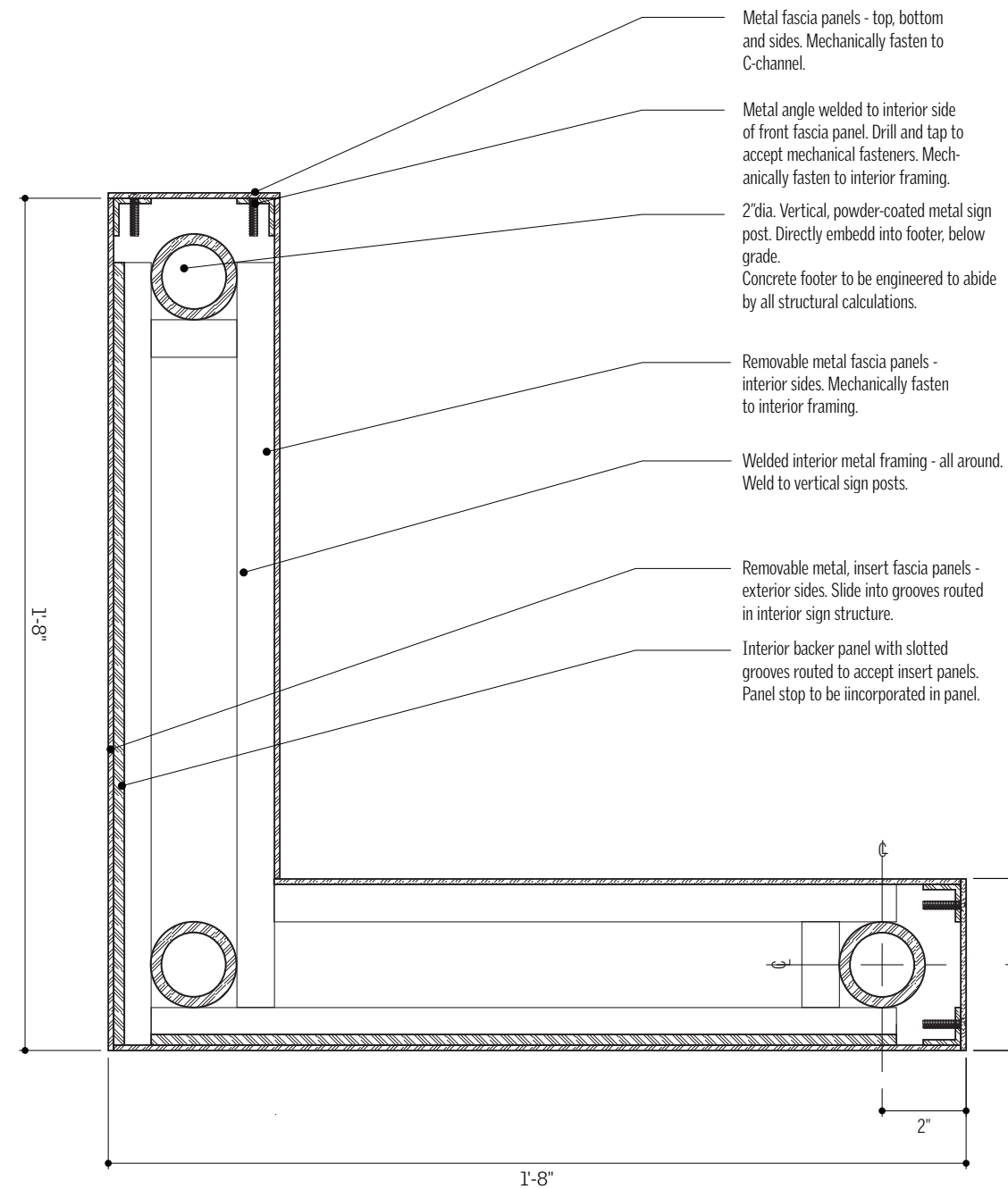
SIGN TYPE SPECIFICATIONS

E3B

PEDESTRIAN CAMPUS DIRECTIONAL
(L-SHAPED)



1 Detail Section - Sign Type E3b
3" = 1'-0"



2 Detail Plan View - Sign Type E3b
3" = 1'-0"

3.66 SIGN TYPE E4

SIGN TYPE SPECIFICATIONS

E4
SMALL BUILDING DIRECTIONAL

- COLOR SCHEDULE
- C1: Duron Standard SW7005 Pure White
 - C2: Matthews Paint MP56089 Blue Satin Finish
 - C3*: Matthews Paint MP15024 Red Dragon
 - C4*: Matthews Paint MP15184 Ophios Green
 - C15: Drylac Powdercoat 23/91020
 - C17*: Matthews Paint MP09133 Process Cyan U

- MATERIAL SCHEDULE
- M1: Frisket Painting Color
 - M3: Powder Coated Aluminum
 - M4: Painted Aluminum

- TYPEFACE SCHEDULE
- T1: MetaPlus LF Bold
 - T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

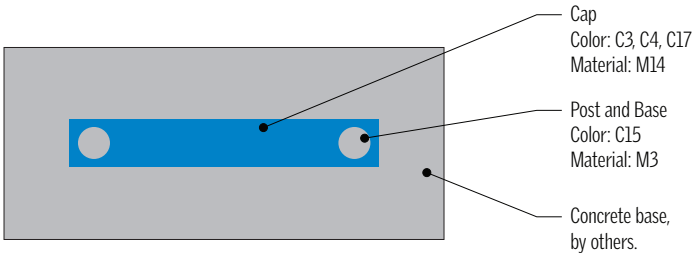
- T1 (Upper/Lower Case): +0
- T2 (Upper/Lower Case) Secondary: +10

SYMBOL SCHEDULE

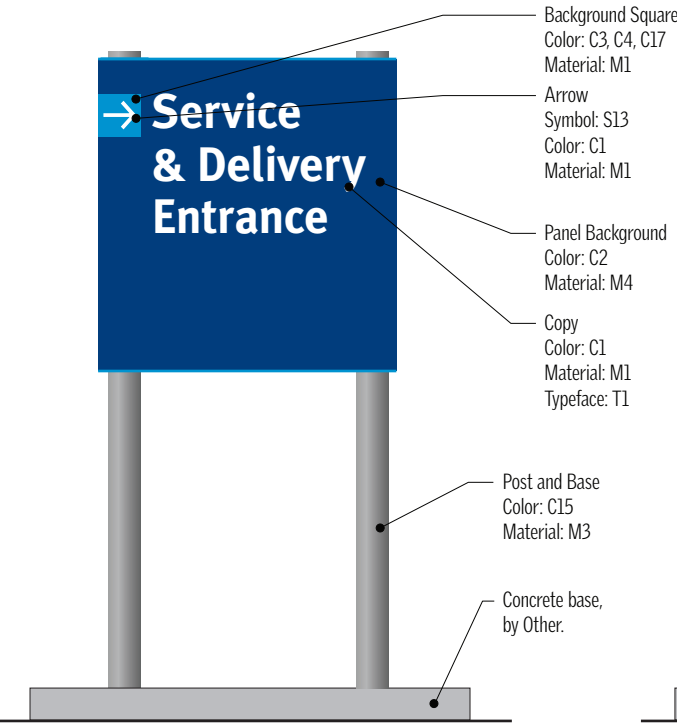
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

- S10: [Mon_Col_Parking.eps]
- S13: [Mon_Col_Arrow.eps]

*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



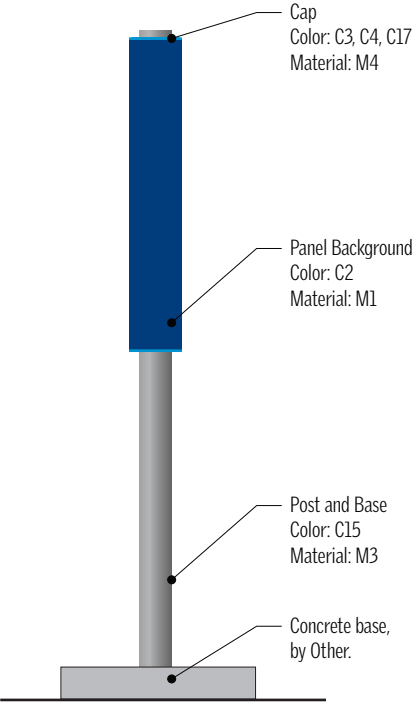
1 Plan View - Sign Type E4
1/2" = 1'-0"



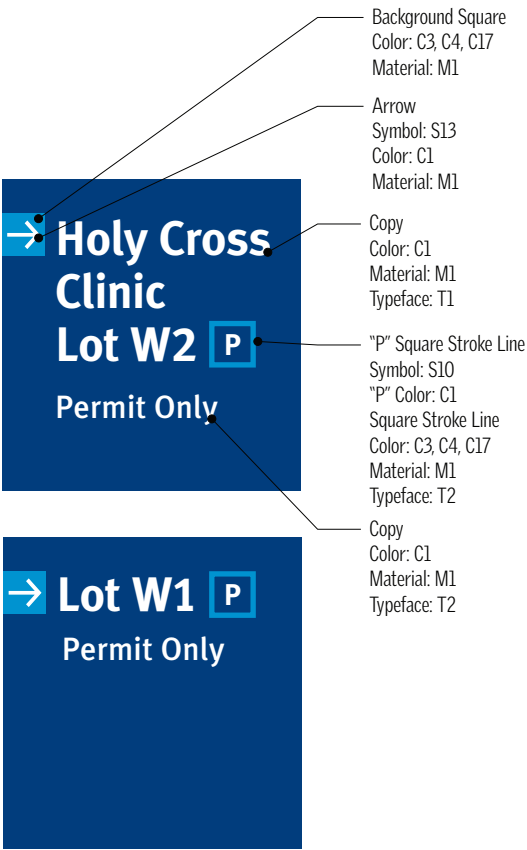
2 Graphic Layout - Sign Type E4 - Side A
1/2" = 1'-0"



3 Graphic Layout - Sign Type E4 - Side B
1/2" = 1'-0"



4 Side View - Sign Type E4
1/2" = 1'-0"



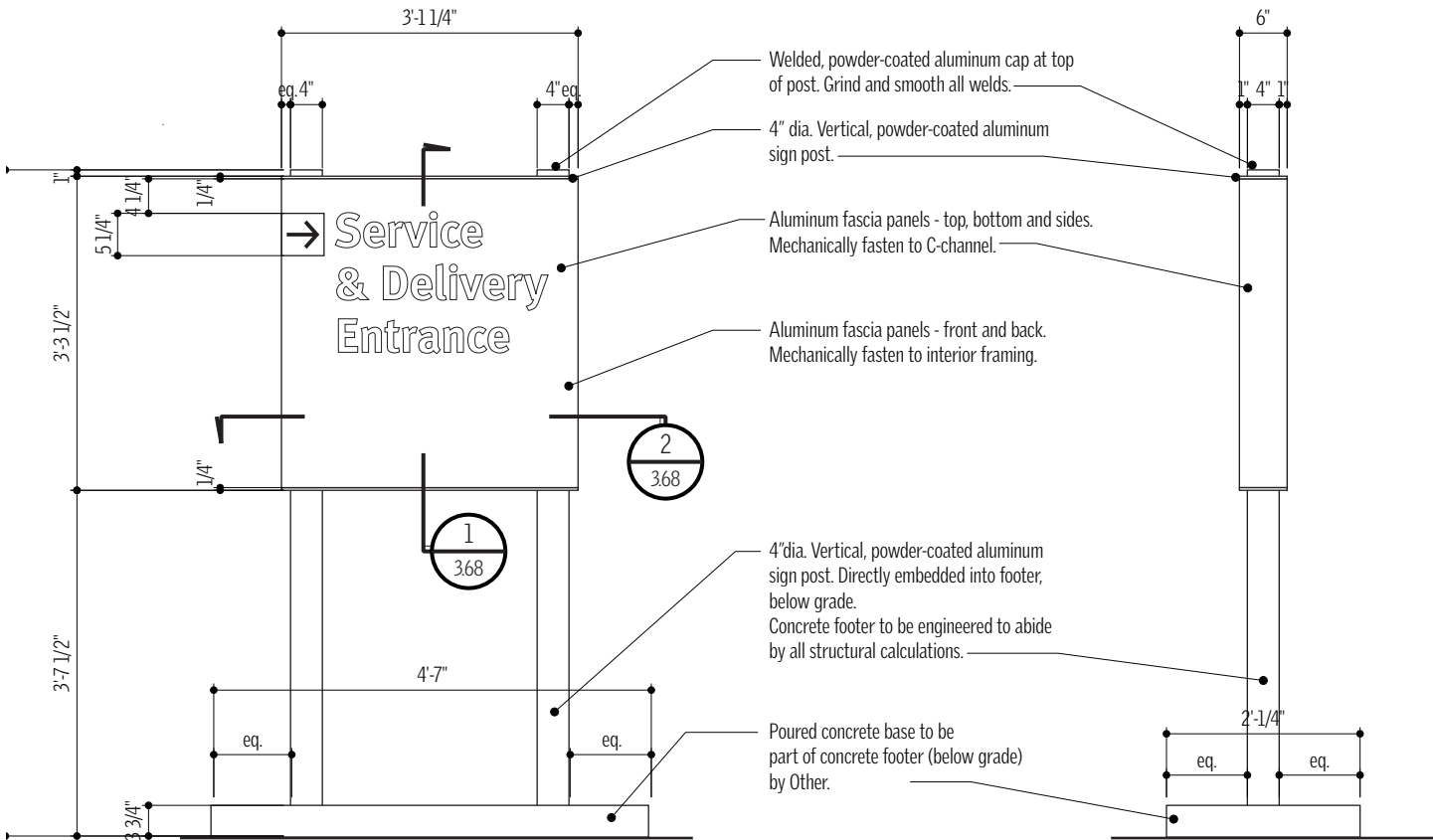
5 Graphic Layout - Sign Type E4 - Alternate Messages
1/2" = 1'-0"

3.67 SIGN TYPE E4

SIGN TYPE SPECIFICATIONS

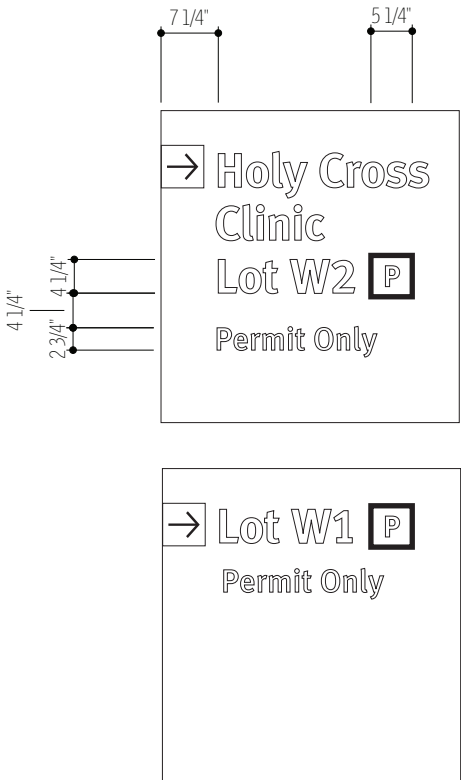
E4
SMALL BUILDING DIRECTIONAL

GENERAL NOTE
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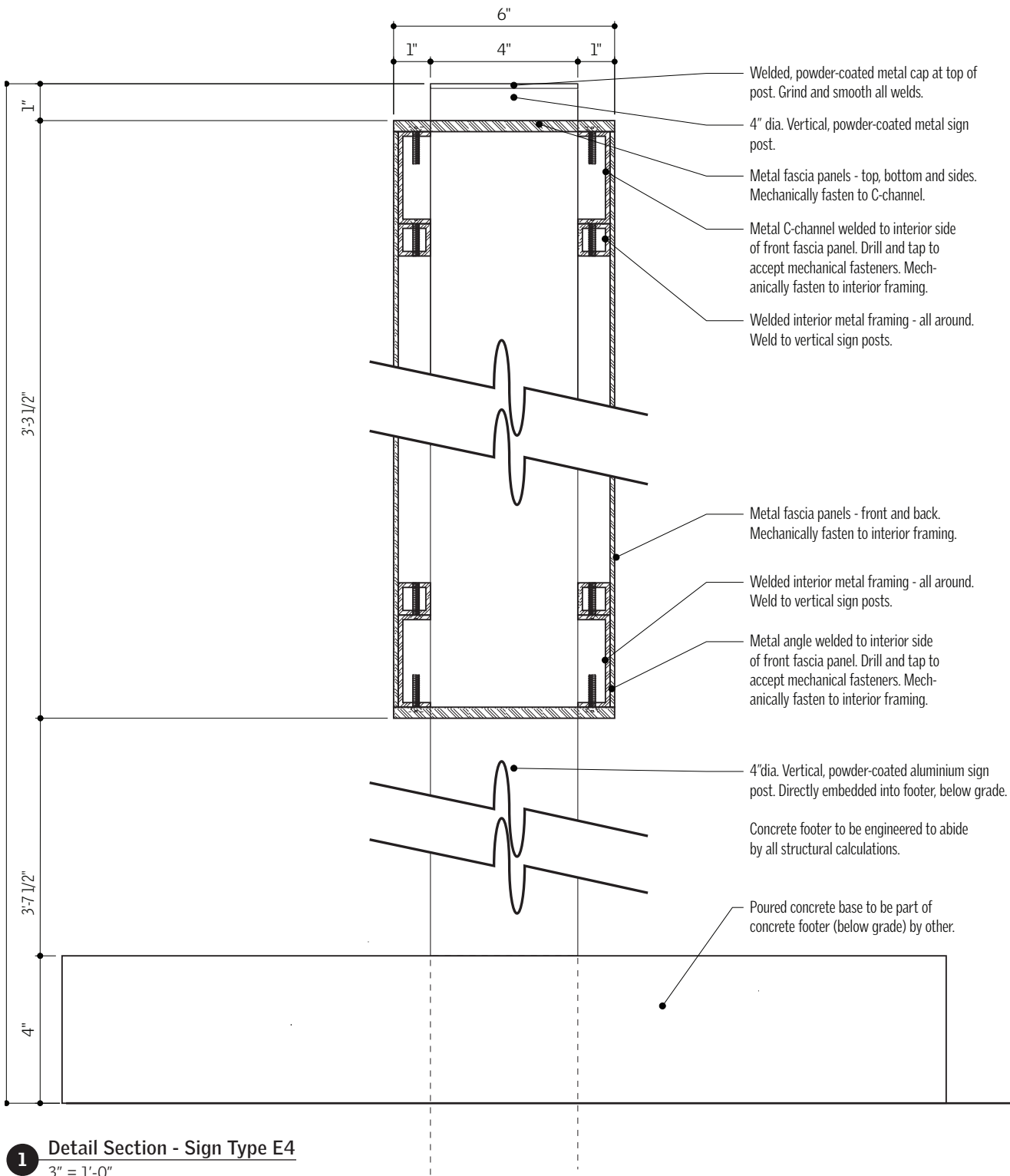
1 Elevation - Sign Type E4 - Side A
1/2" = 1'-0"

2 Side View - Sign Type E4
1/2" = 1'-0"

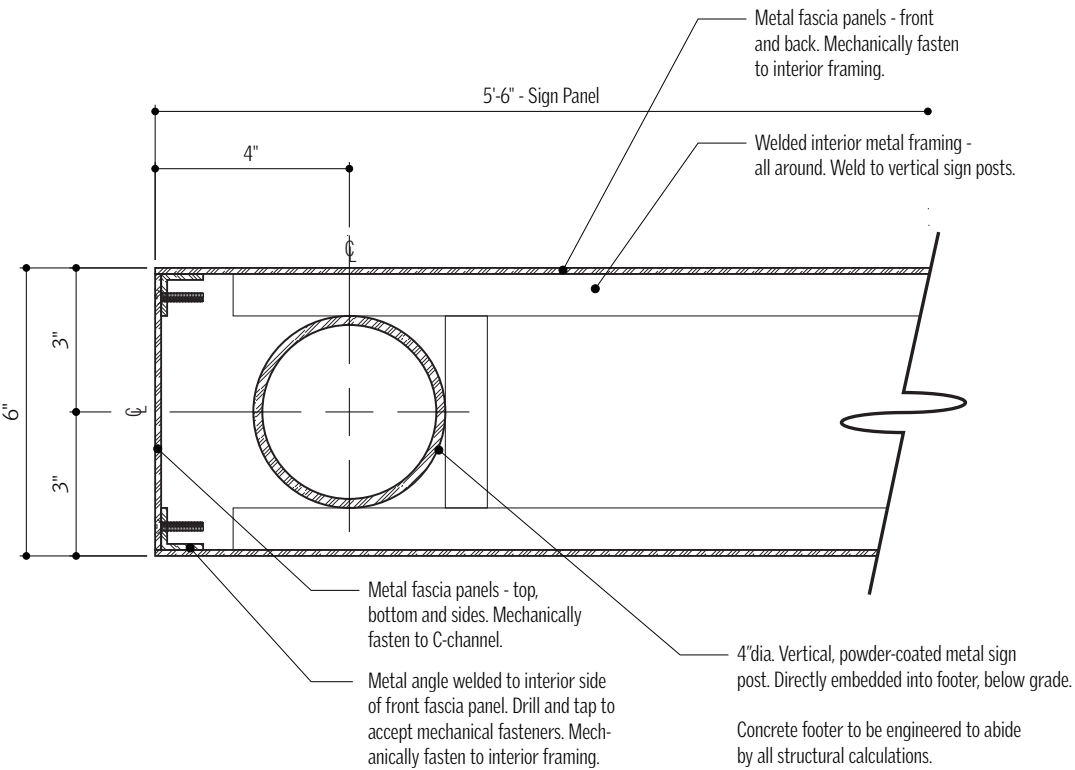


3 Elevation - Sign Type E4 - Alternate Messages
1/2" = 1'-0"

E4
SMALL BUILDING DIRECTIONAL



1
Detail Section - Sign Type E4
3" = 1'-0"



2
Detail Plan View - Sign Type E4
3" = 1'-0"

3.69 SIGN TYPE E5

SIGN TYPE SPECIFICATIONS

E5
ADA PEDESTRIAN DIRECTIONAL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C2: Matthews Paint MP56089 Blue Satin Finish
C3*: Matthews Paint MP15024 Red Dragon C4*:
Matthews Paint MP15184 Ophios Green C17*:
Matthews Paint MP09133 Process Cyan U

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

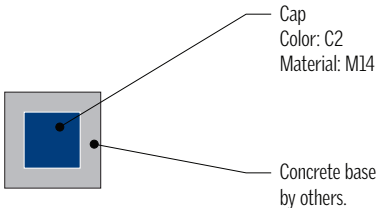
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case) Secondary: +0

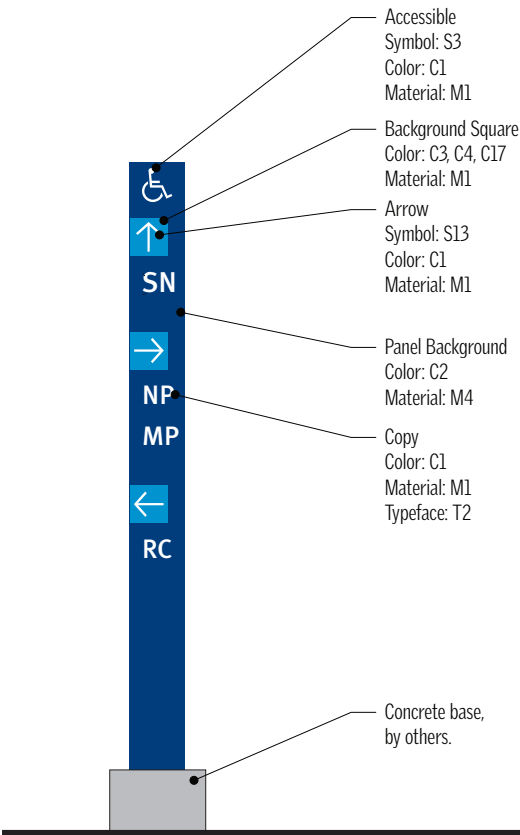
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S3: [Mon-Col_Accessible.eps]
S10: [Mon_Col_Parking.eps]
S13: [Mon_Col_Arrow.eps]

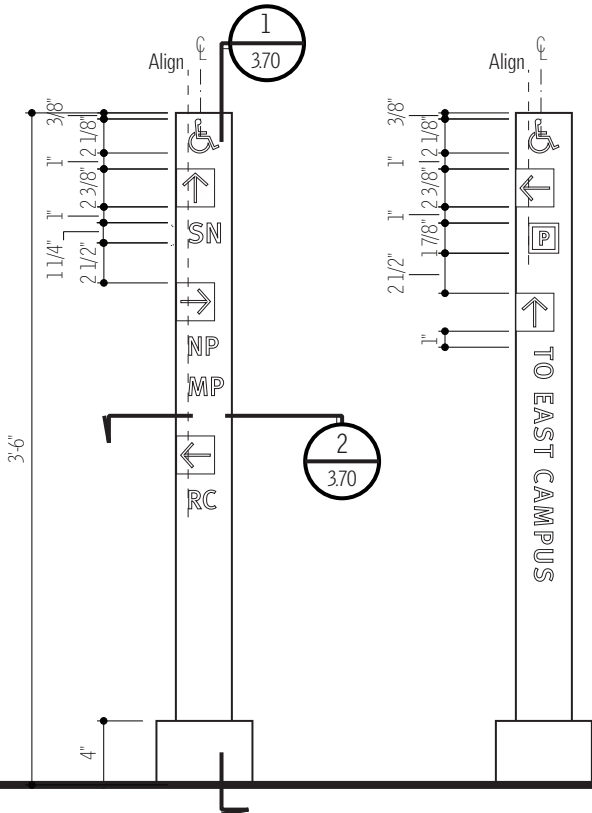
*NOTE: Highlight color to correspond to campus designation:
Rockville: C3
Germantown: C4
Takoma Park/Silver Spring: C17



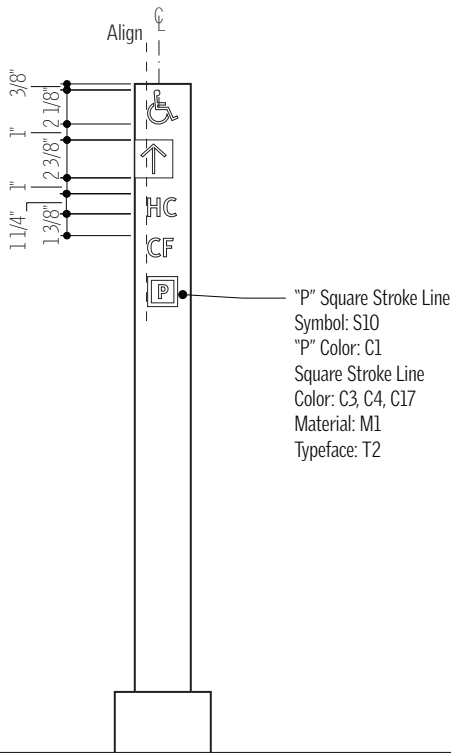
1 Plan View - Sign Type E5
1" = 1'-0"



2 Graphic Layout - Sign Type E5 - Side A
1" = 1'-0"



3 Elevation - Sign Type E5 - Alternate Messages
1" = 1'-0"



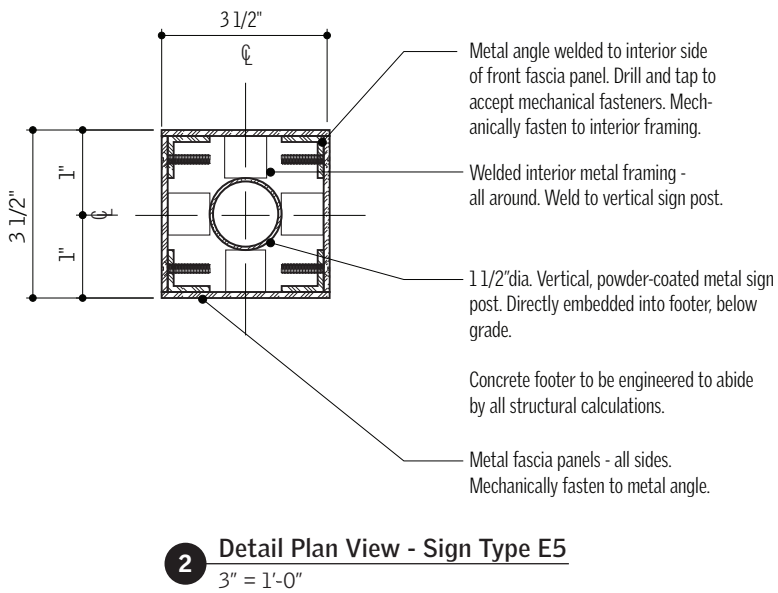
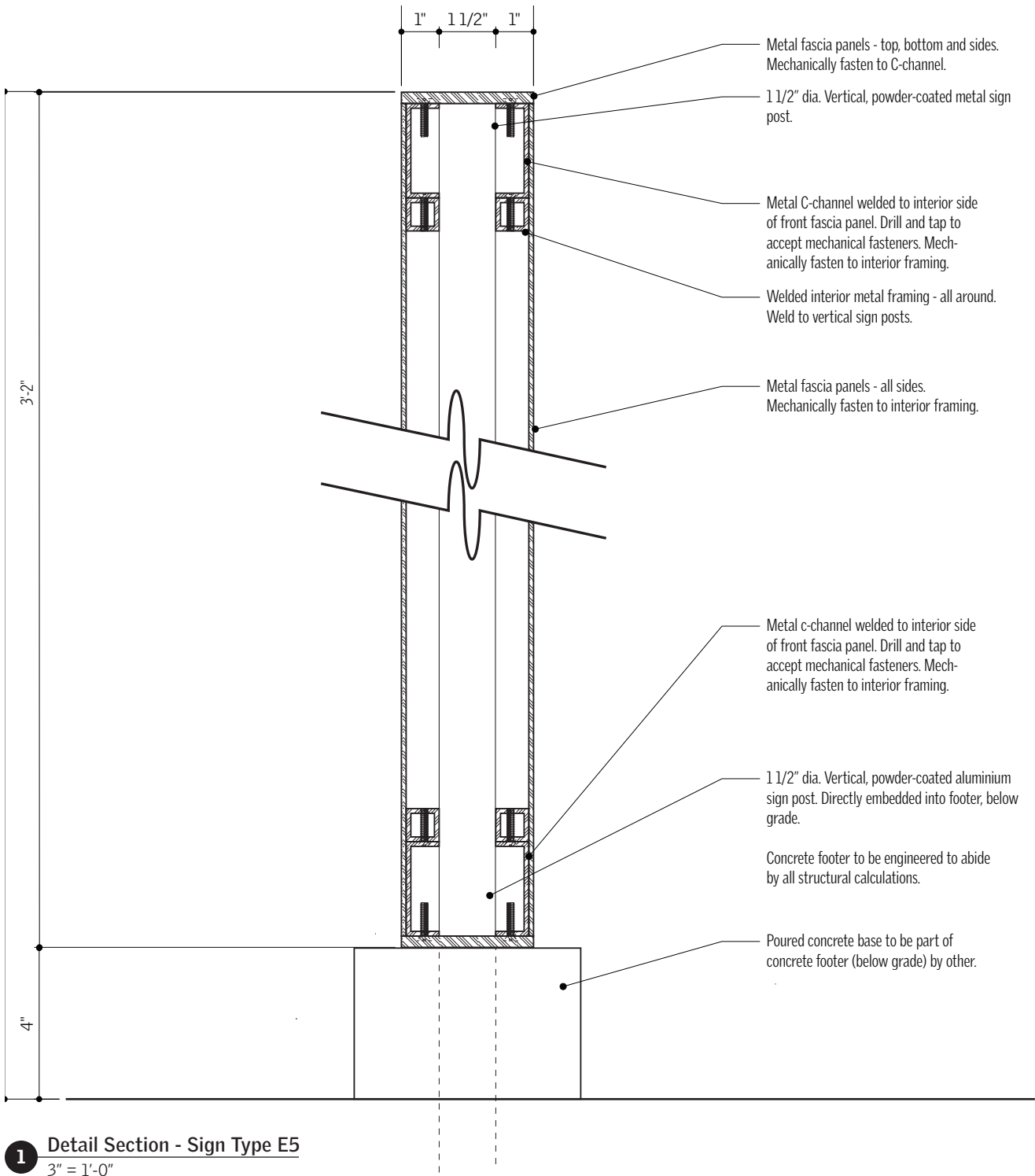
4 Side View - Sign Type E5
1" = 1'-0"

3.70 SIGN TYPE E5

SIGN TYPE SPECIFICATIONS

E5
ADA PEDESTRIAN DIRECTIONAL

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.71 SIGN TYPE H1

SIGN TYPE SPECIFICATIONS

H1
INTERIOR BUILDING ID (WALL MOUNTED)

COLOR SCHEDULE
C21: Duron Standard SW1237 Shale Gray

MATERIAL SCHEDULE
M4: Painted Aluminum

TYPEFACE SCHEDULE
T1: MetaPlus LF Bold

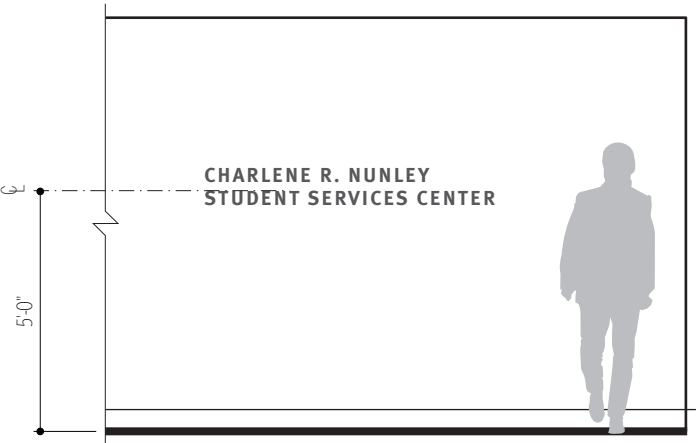
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T1 (Upper Case): +100

GENERAL NOTE
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CHARLENE R. NUNLEY
STUDENT SERVICES CENTER

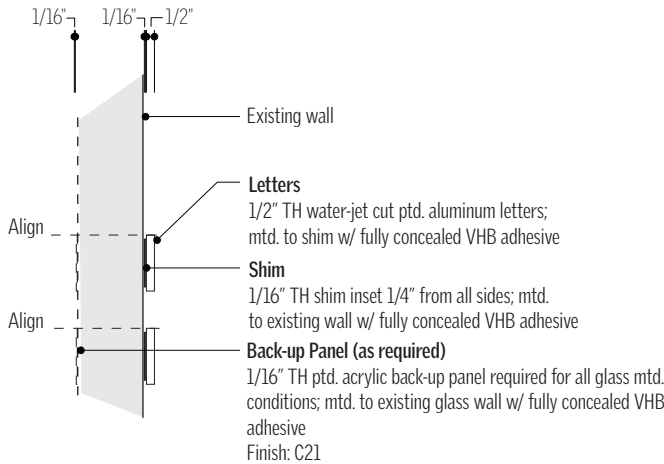
1 Graphic Layout - Sign Type H1
1" = 1'-0"



4 Installation Elevation - Sign Type H1
1/4" = 1'-0"

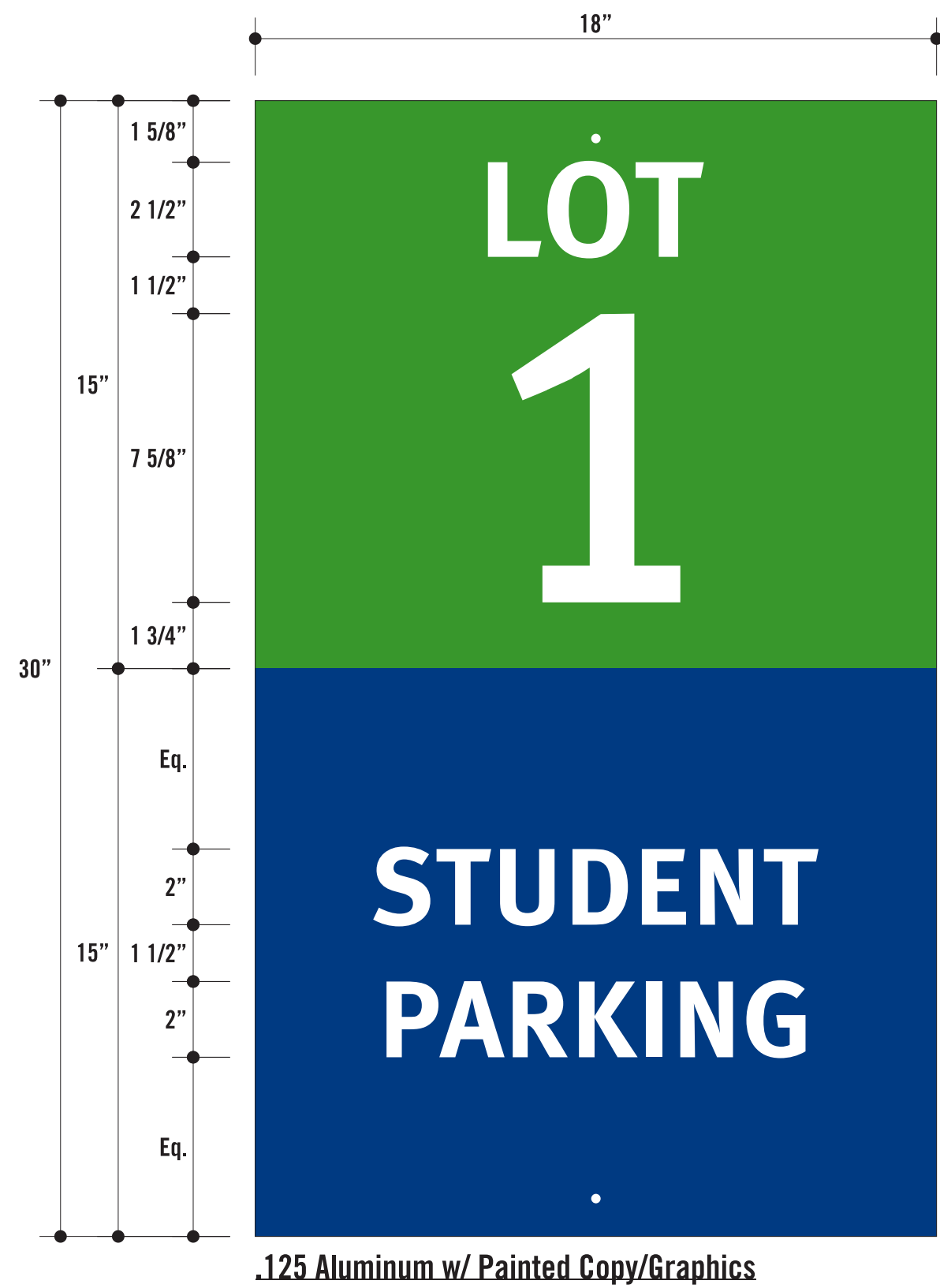


2 Elevation - Sign Type H1
1" = 1'-0"

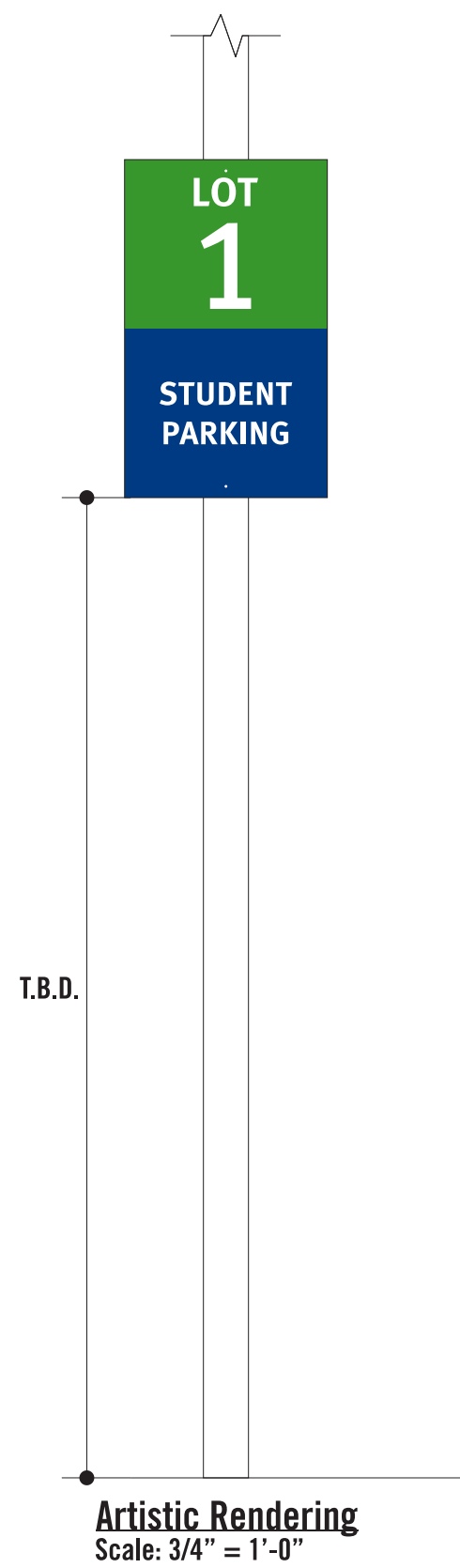


3 Section - Sign Type H1
Half Scale

P1: PARKING LOT ID

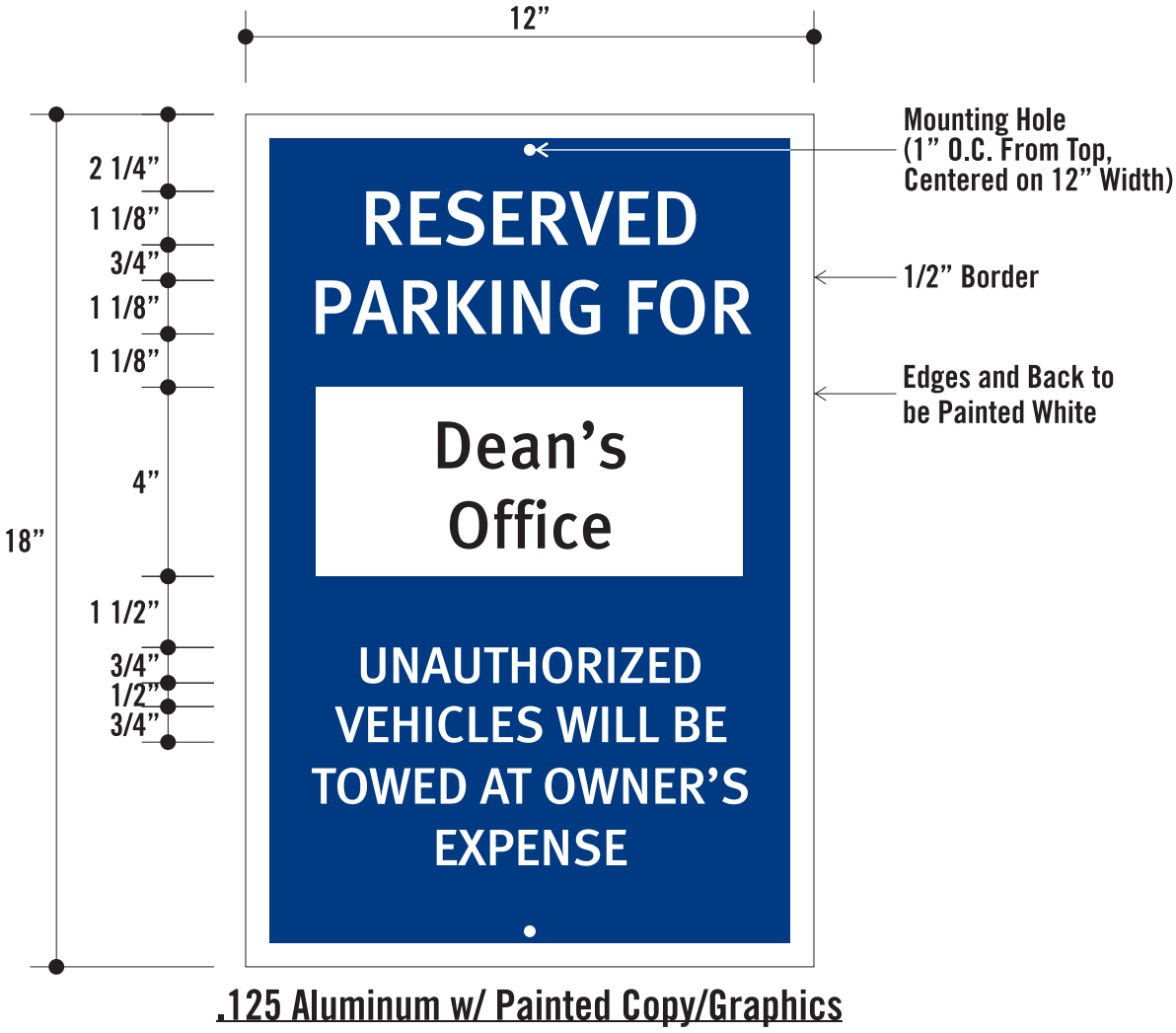


BAND-IT Single Bolt Flared
Leg Brack-It
D02189

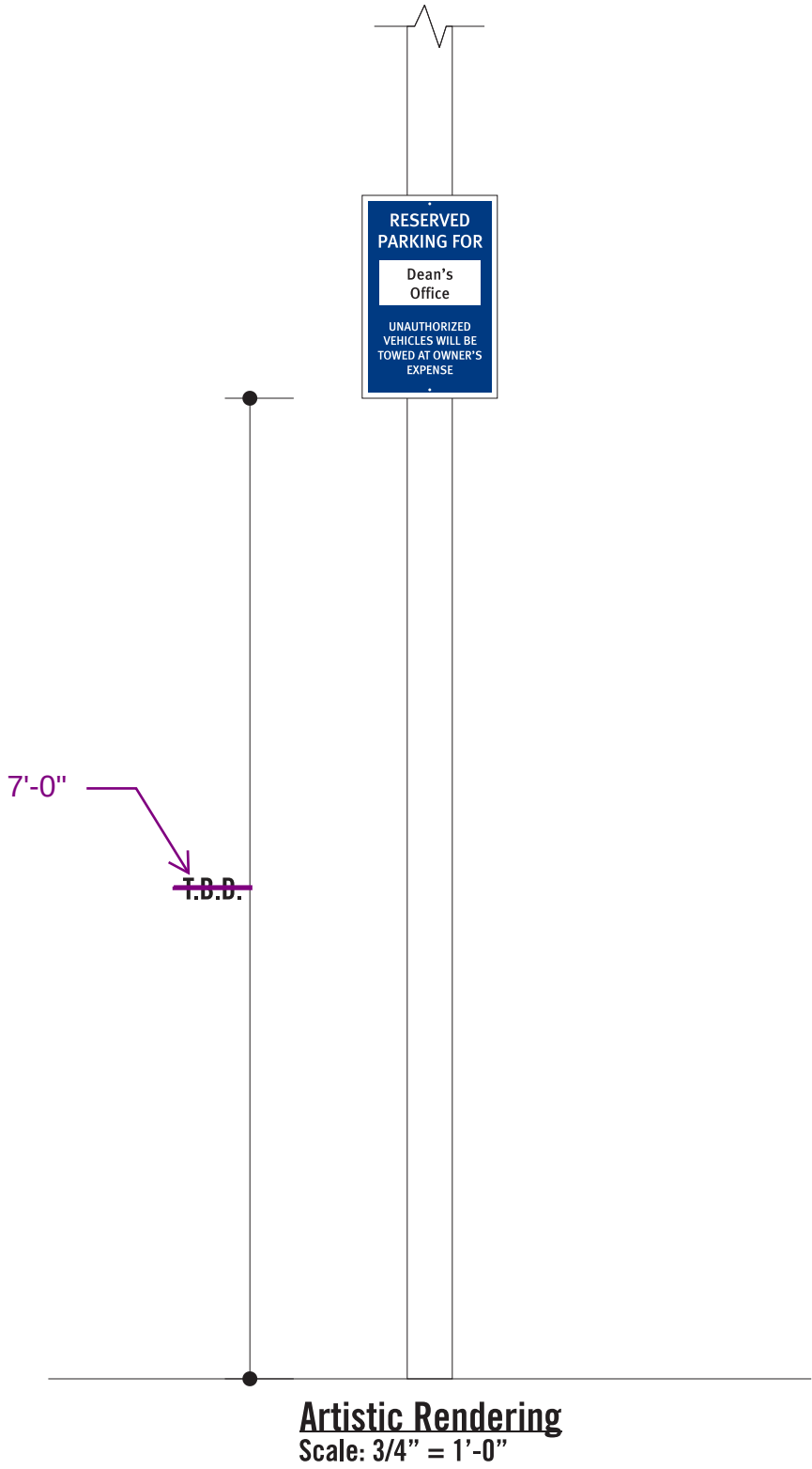


Matthews Paint MP15184 Ophios Green (for Germantown Campus)
Matthews Paint MP15024 Red Dragon (for Rockville Campus)
Matthews Paint MP09133 Process Cyan U (for Takoma Park/Silver
Spring Campus)

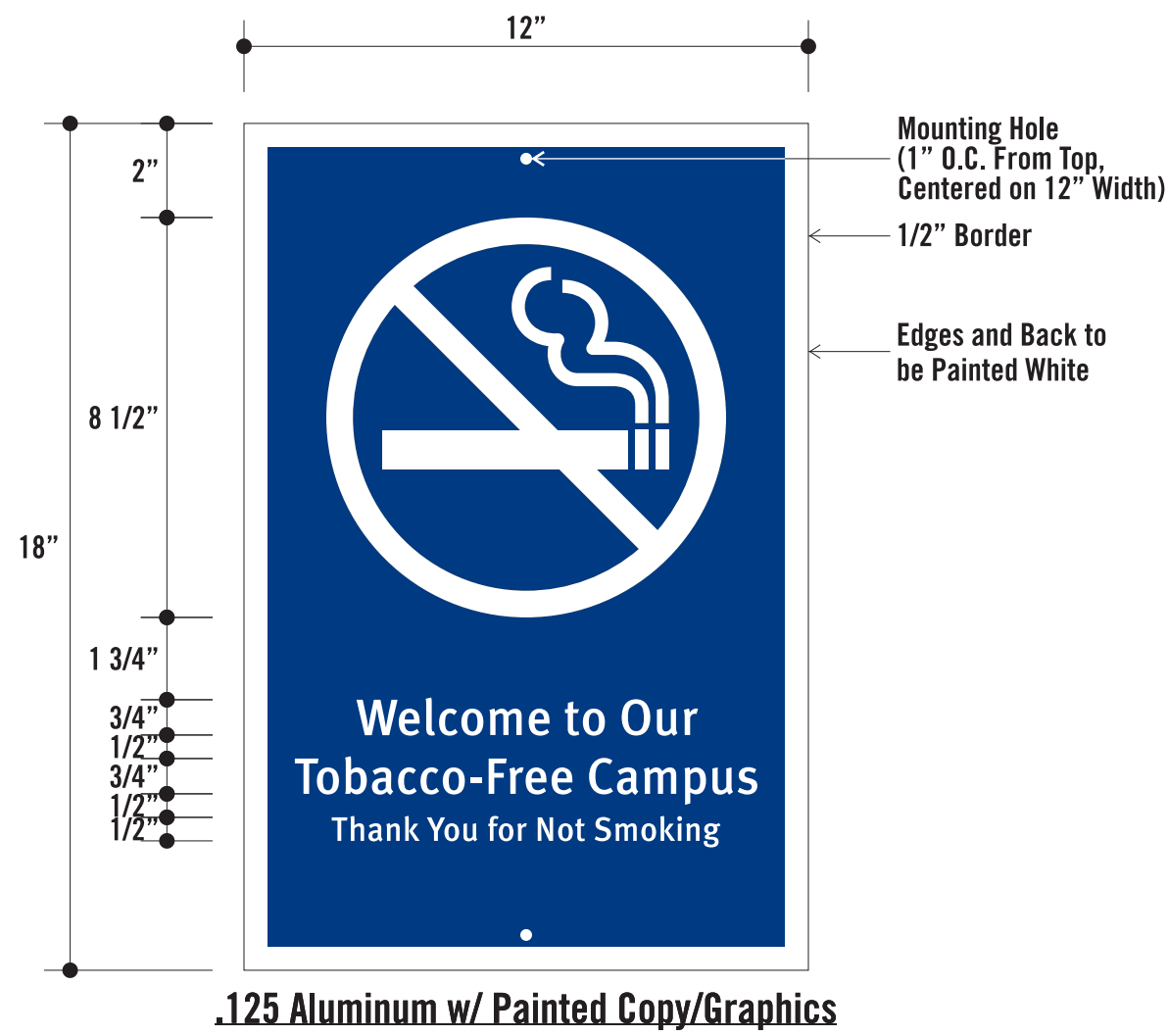
P2: RESERVED PARKING



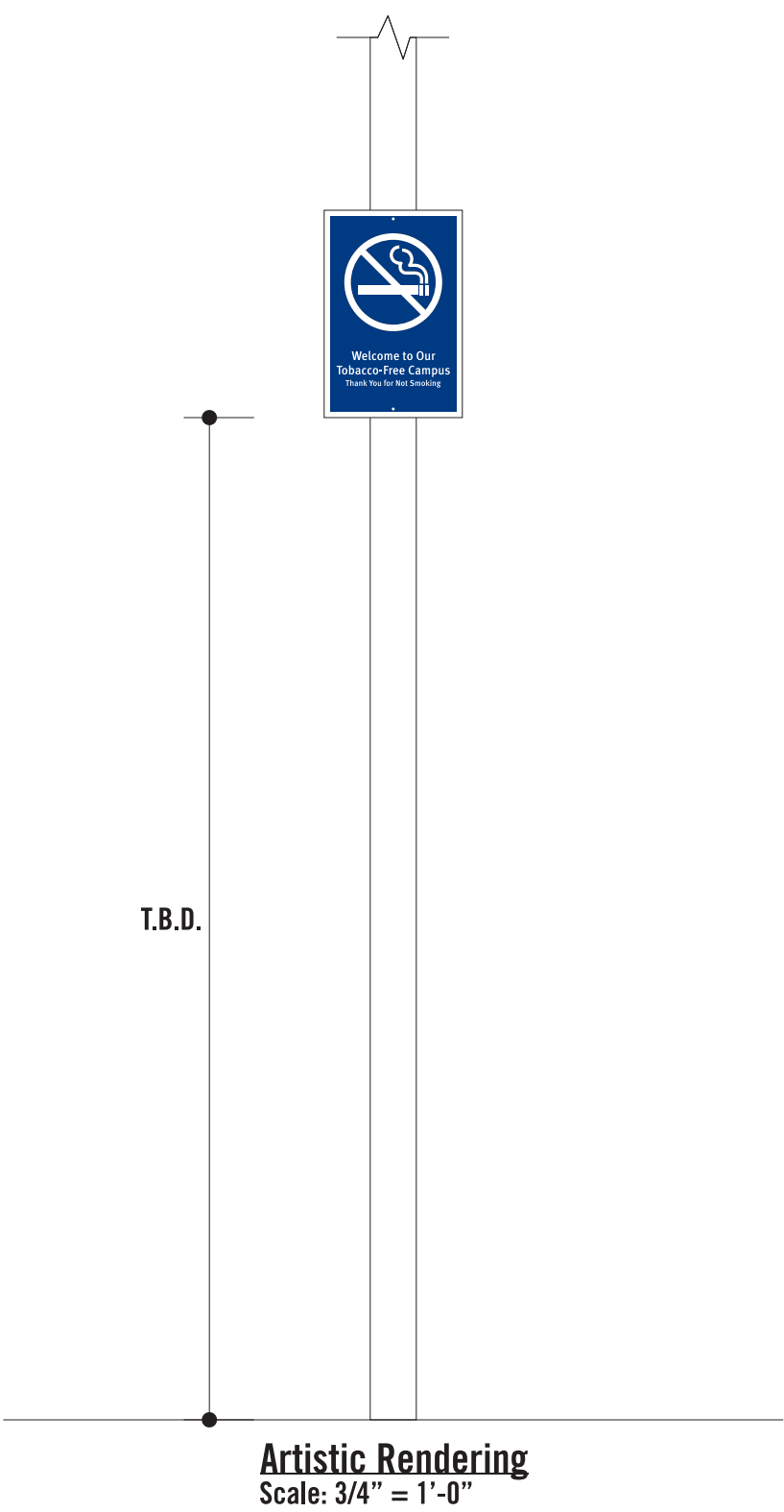
BAND-IT Single Bolt Flared
Leg Bracket
D02189



P3: TOBACCO-FREE



BAND-IT Single Bolt Flared
Leg Brack-It
D02189



P4: Wi-Fi Sign

Size: 18”x 15”

Material: 3M-IJ35 Vinyl + Matte Laminate + 3mm ACM

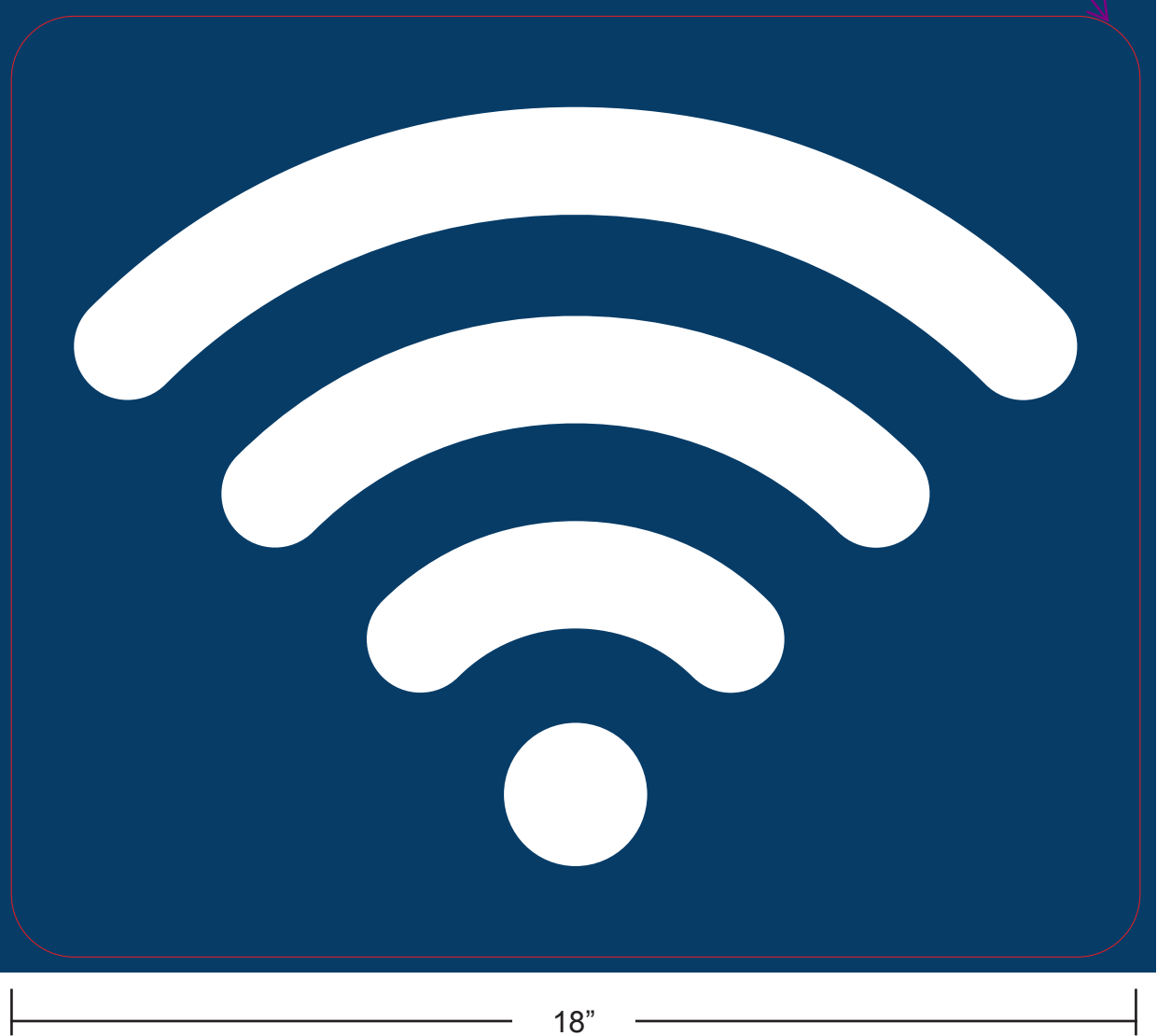
Finishing: Mount to 3mm ACM + Trim to shape (Red FPO line) + Drill holes on 137 (Green FPO)

Blue prints Pantone 294C (4c equivalent to Matthews Paint #MP56089)

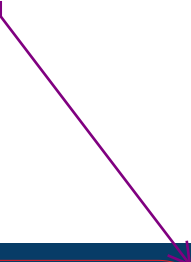
Install with Band-it Brackets to poles



Install with VHB tape in Garage



This sign type has rounded corners



3.72 SIGN TYPE H2A

SIGN TYPE SPECIFICATIONS

H2A
OVERHEAD ROOM ID (WALL MOUNT)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray

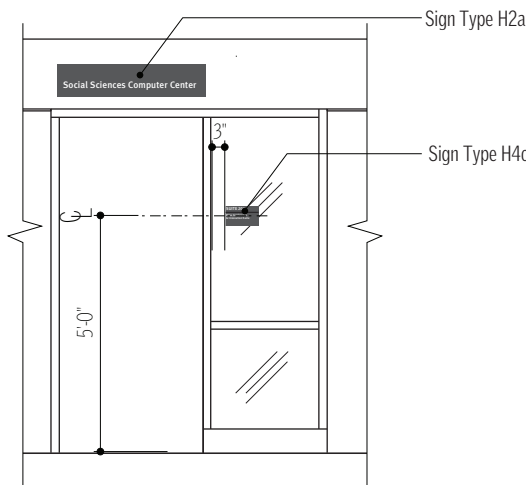
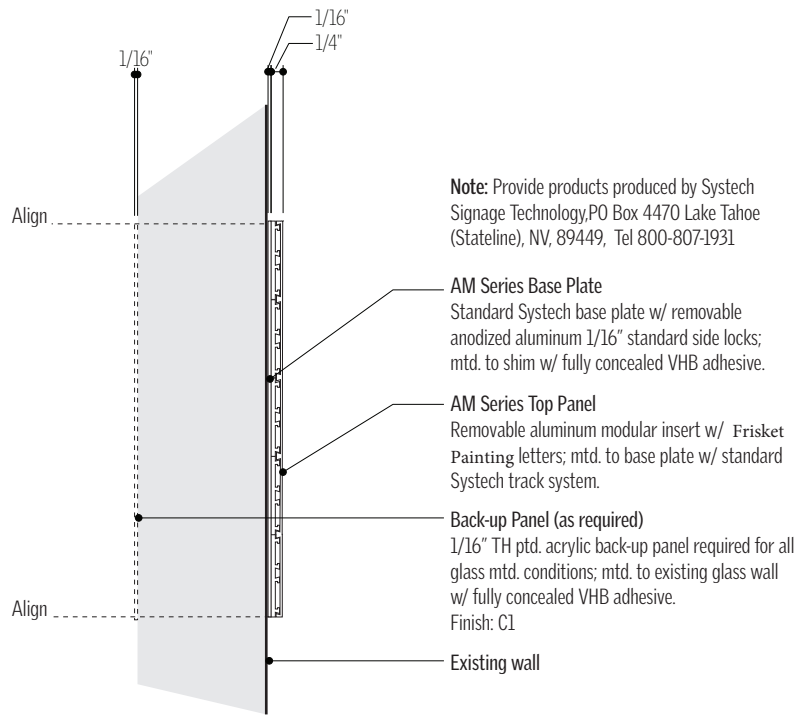
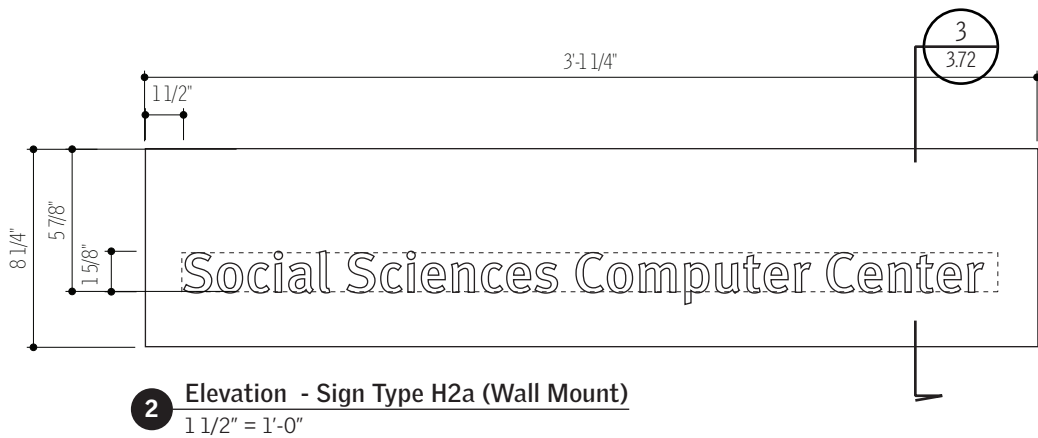
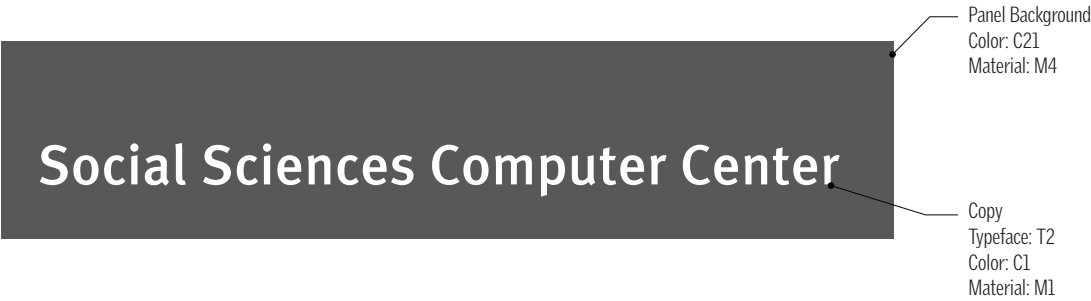
MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case): +10

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.73 SIGN TYPE H2B

SIGN TYPE SPECIFICATIONS

H2B
OVERHEAD ROOM ID (CEILING MOUNT)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

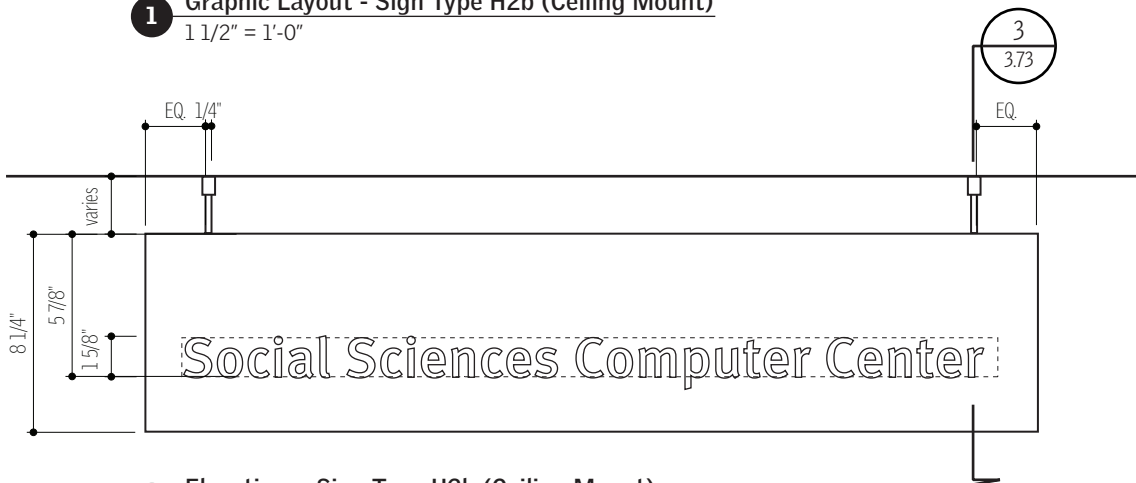
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case): +10

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

Social Sciences Computer Center

1 Graphic Layout - Sign Type H2b (Ceiling Mount)
1 1/2" = 1'-0"

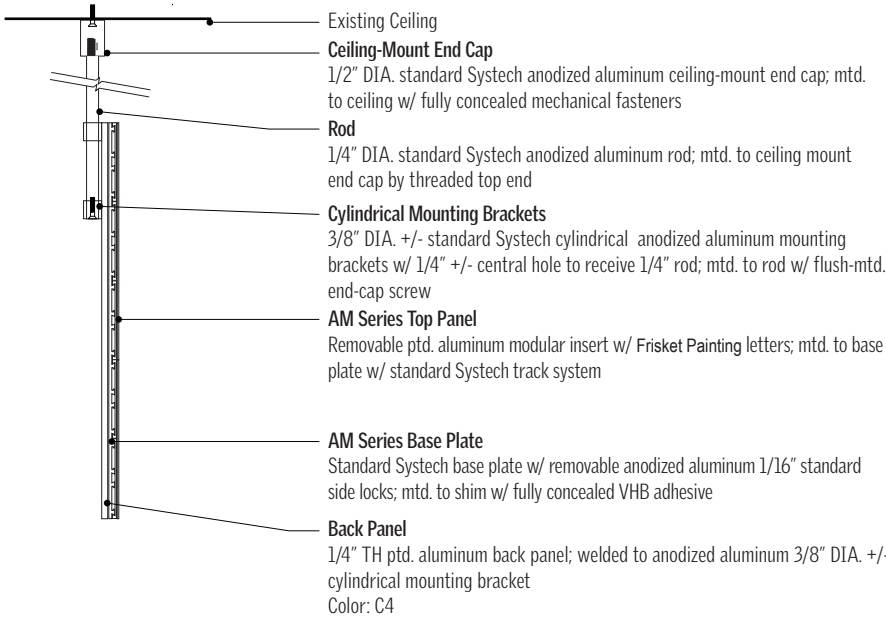


2 Elevation - Sign Type H2b (Ceiling Mount)
1 1/2" = 1'-0"

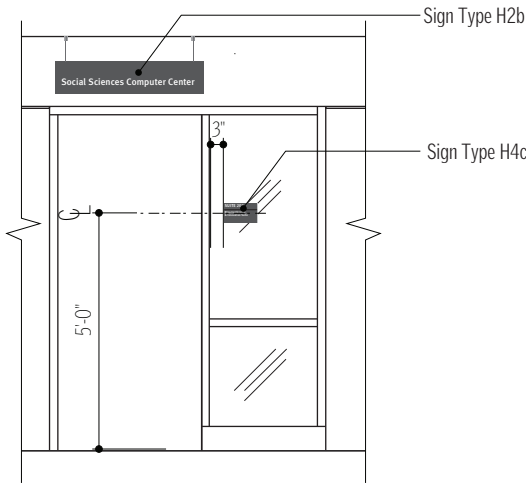
Panel Background
Color: C21
Material: M4

Copy
Typeface: T2
Color: C1
Material: M1

Note: Provide products produced by Systech Signage Technology,
PO Box 4470 Lake Tahoe (Stateline), NV, 89449, Tel 800-807-1931



3 Section - Sign Type H2b (Ceiling Mount)
3" = 1'-0"



4 Installation Elevation - Sign Types H2b, H4c
1/4" = 1'-0"

3.74 SIGN TYPE H3

SIGN TYPE SPECIFICATIONS

H3
SERVICE FLAG ID

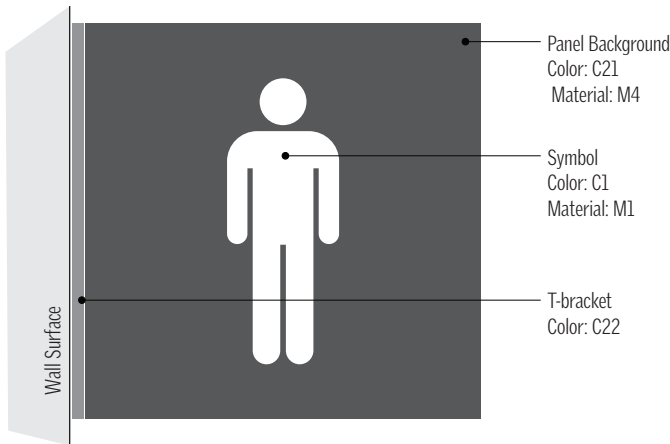
COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

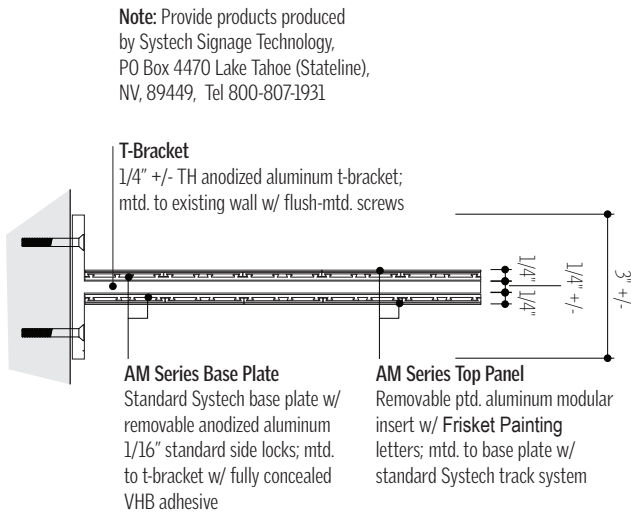
- S1: [Mon_Col_Men.eps]
- S2: [Mon_Col_Women.eps]
- S4: [Mon_Col_MenAccessible.eps]
- S5: [Mon_Col_WomenAccessible.eps]
- S16: [Mon_Col_Unisex.eps]

GENERAL NOTE
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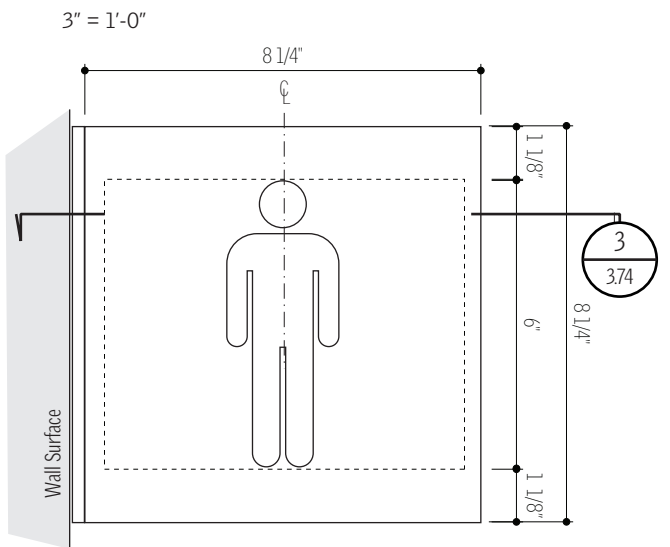


1 Graphic Layout - Sign Type H3
3" = 1'-0"

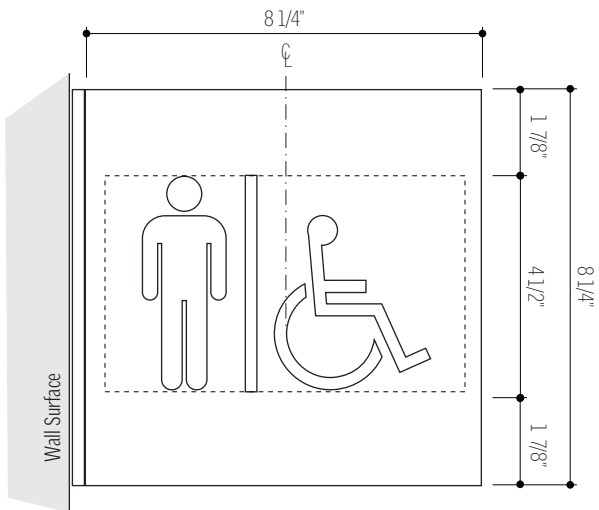
Signage Type H3a - Men
Signage Type H3b - Women
Signage Type H3c - All Gender
Signage Type H3d - Family



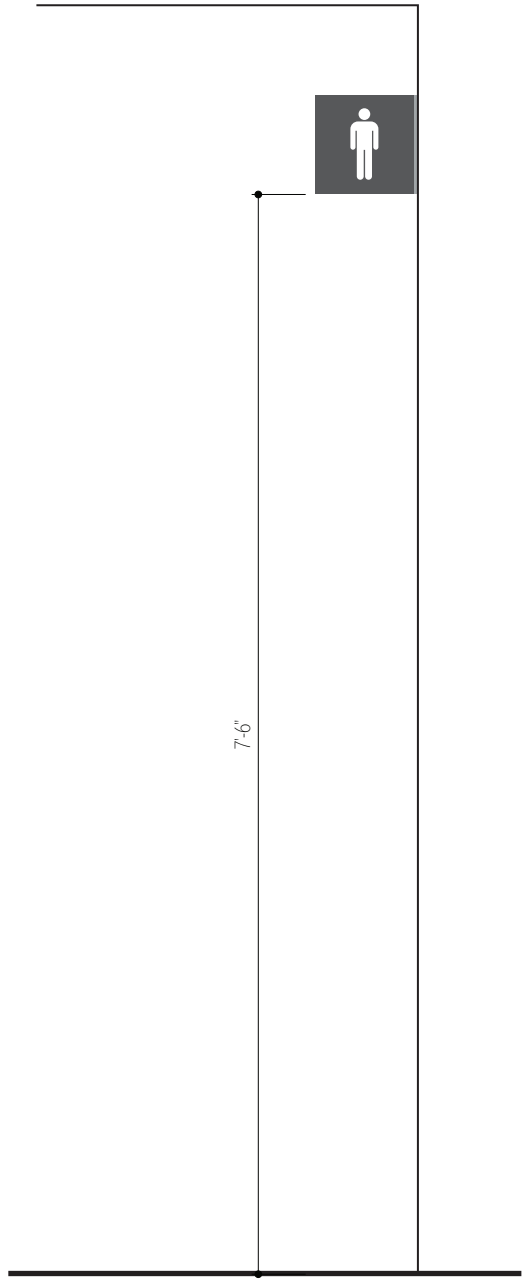
2 Plan Section - Sign Type H3
3" = 1'-0"



3 Elevation - Layout 1 - Sign Type H3
3" = 1'-0"



4 Elevation - Layout 2 - Sign Type H3
3" = 1'-0"



5 Installation Elevation - Sign Type H3
3/4" = 1'-0"

3.75 SIGN TYPE H4A and H5A

SIGN TYPE SPECIFICATIONS

H4A
ROOM NUMBER ID WITH INSERT

COLOR SCHEDULE

C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum
C23: Non-glare clear acrylic

MATERIAL SCHEDULE

M1: Frisket Painting Color
M8: Painted Photopolymer

TYPEFACE SCHEDULE

T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case):+0

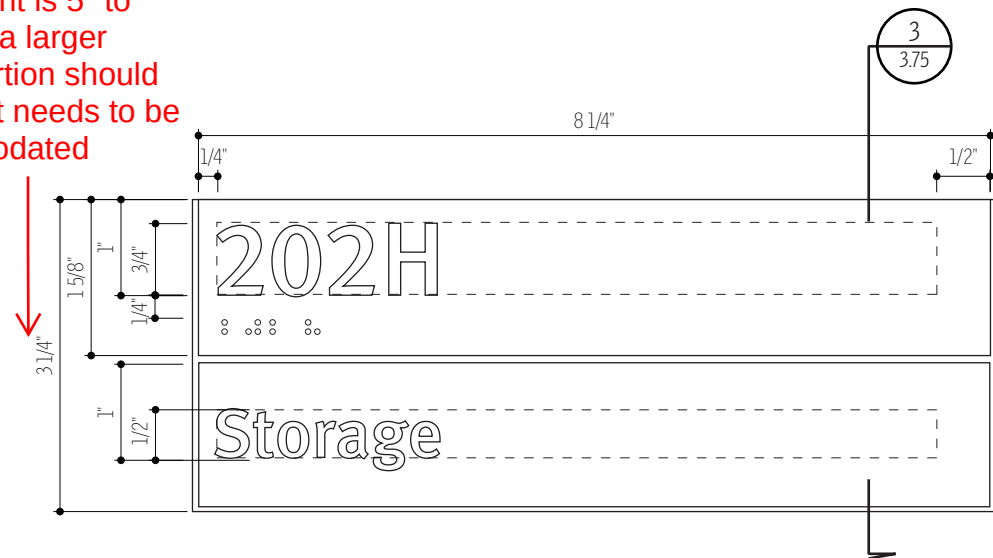
GENERAL NOTE

All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

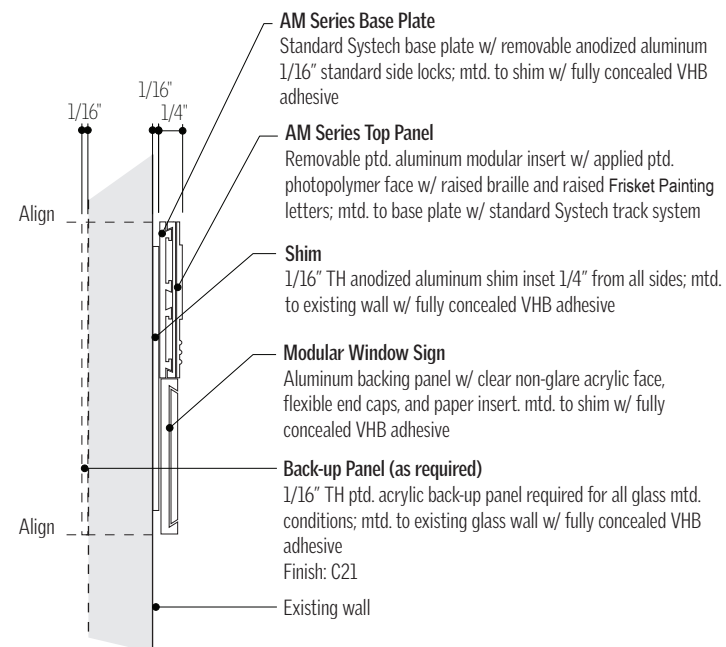


Note: Provide products produced by Systech Signage Technology, PO Box 4470 Lake Tahoe (Stateline), NV, 89449, Tel 800-807-1931

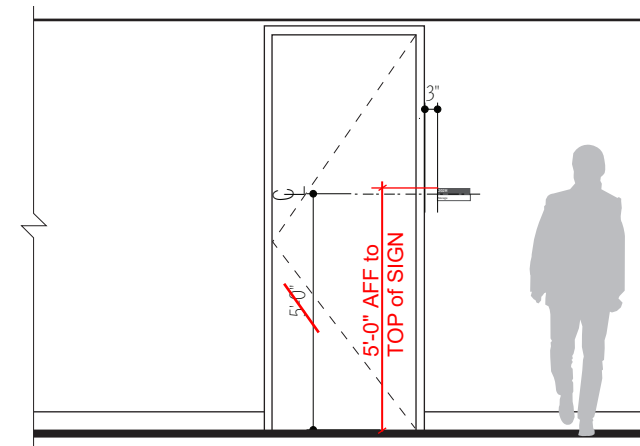
1 Graphic Layout - Sign Type H4a



2 Elevation - Sign Type H4a
Half Scale

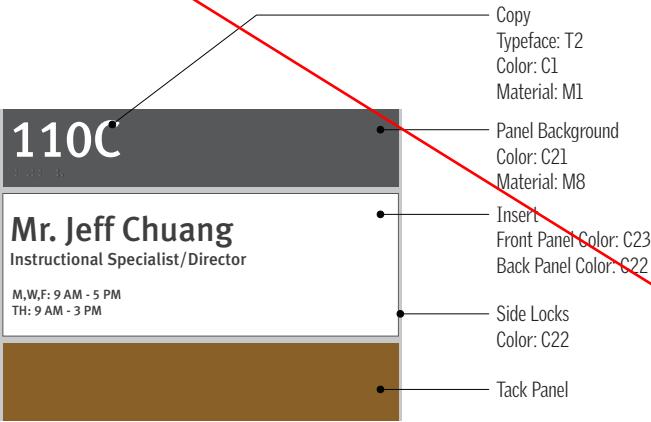


3 Section - Sign Type H4a
Half Scale

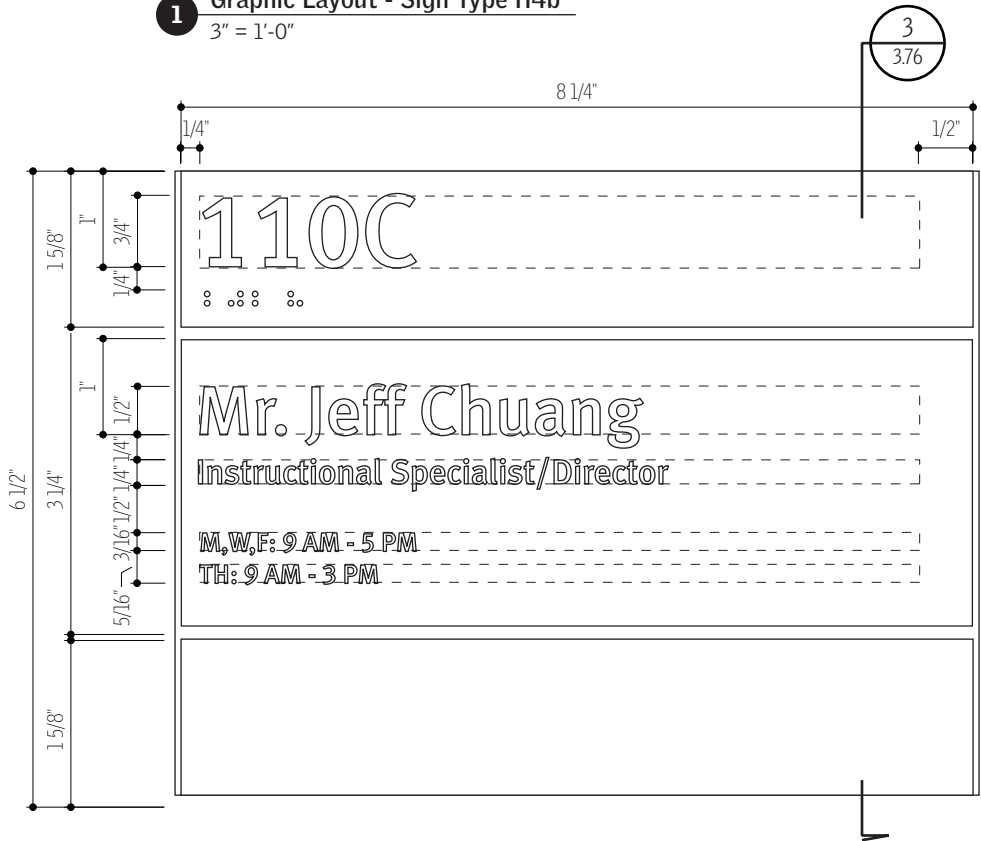


4 Installation Elevation - Sign Type H4a

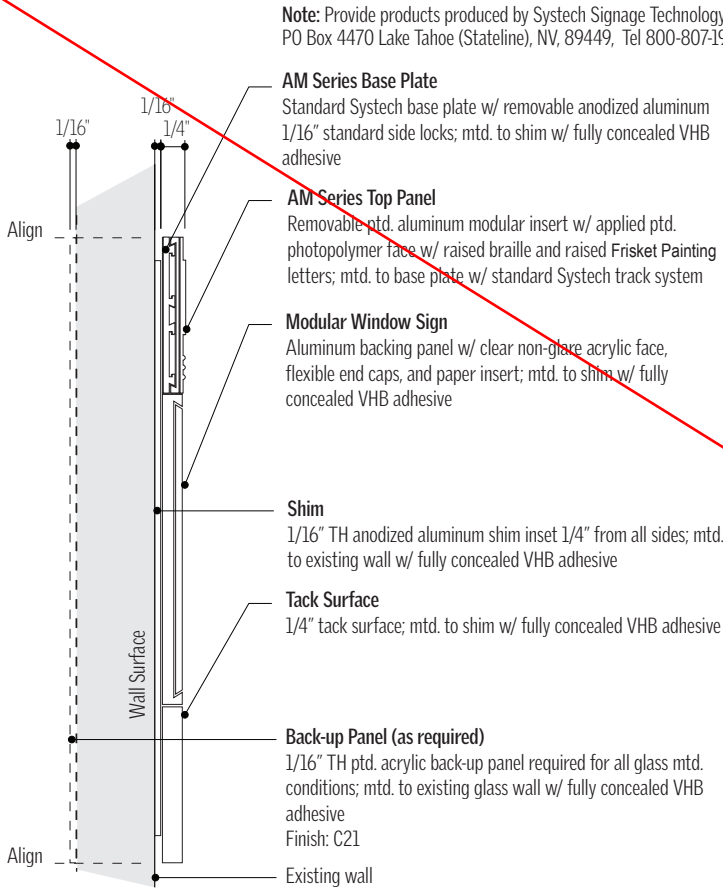
DO NOT USE



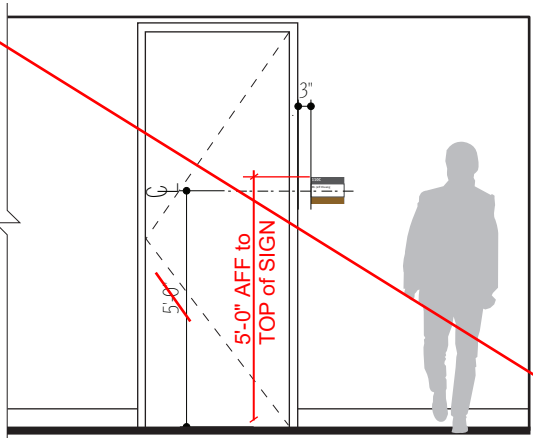
1 Graphic Layout - Sign Type H4b
3" = 1'-0"



2 Elevation - Sign Type H4b
Half Scale



3 Section - Sign Type H4b
Half Scale



4 Installation Elevation - Sign Type H4b
1/4" = 1'-0"

H4B
ROOM NUMBER ID WITH INSERT AND
TACK

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum
C23: Non-glare clear acrylic

MATERIAL SCHEDULE
M1: Frisket Painting Color
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to
match the examples in the Sign System Manual
which were prepared in Adobe Illustrator CS3,
Version 13.0.0, with the following numeric value(s)
in the kerning/letter spacing option(s). Sign
Contractor shall compare their resulting kerning/
letter spacing with the examples provided and
adjust accordingly.

T2 (Upper Case): +0

GENERAL NOTE
All constructional, engineering and anchoring
details indicated on the drawings are meant as
suggestions for design intent only. The Sign
Contractor shall take full responsibility for the cor-
rect and safe engineering of all sign types and the
way in which they are supported and anchored,
and shall submit in the shop drawings any alterna-
tive details which are necessary to result in a satis-
factory and safe final product. The Sign Contractor
shall indemnify and hold harmless the Owner and
Design Consultant against any claim resulting from
failure of, or damage caused by, the installed signs.

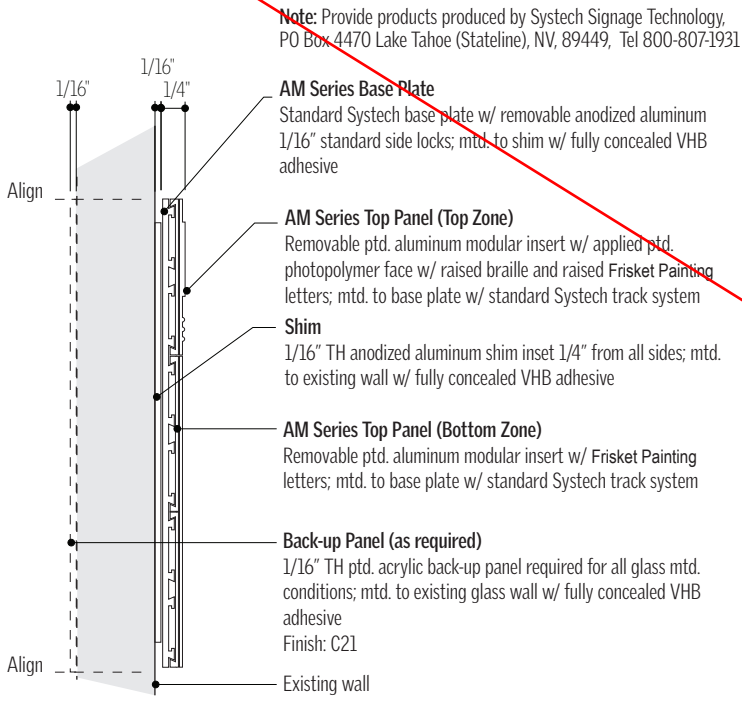
DO NOT USE



1 Graphic Layout - Sign Type H4c
Half Scale

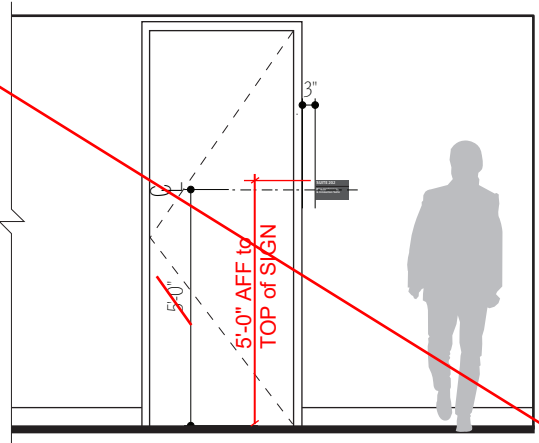


2 Elevation - Sign Type H4c
Half Scale



3 Section - Sign Type H4c
Half Scale

Note: Provide products produced by Systech Signage Technology,
PO Box 4470 Lake Tahoe (Stateline), NV, 89449, Tel 800-807-1931



4 Installation Elevation - Sign Type H4c
1/4" = 1'-0"

H4C
ROOM NUMBER AND NAME ID

COLOR SCHEDULE

C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum
C23: Non-glare clear acrylic

MATERIAL SCHEDULE

M1: Frisket Painting Color
M4: Painted Aluminum
M8: Painted Photopolymer

TYPEFACE SCHEDULE

T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE

Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0
T2 (Upper/Lower Case): +10

GENERAL NOTE

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Note: Intent of this sign is to satisfy ADA 2010 section 216.4.1
Exit Doors, Doors at exit passageways, exit discharge, and exit stairways shall be identified by tactile signs complying with 703.1, 703.2 and 703.5

3.78 SIGN TYPE H4D

SIGN TYPE SPECIFICATIONS

H4D
EXIT ID/ROOM NUMBER ID

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

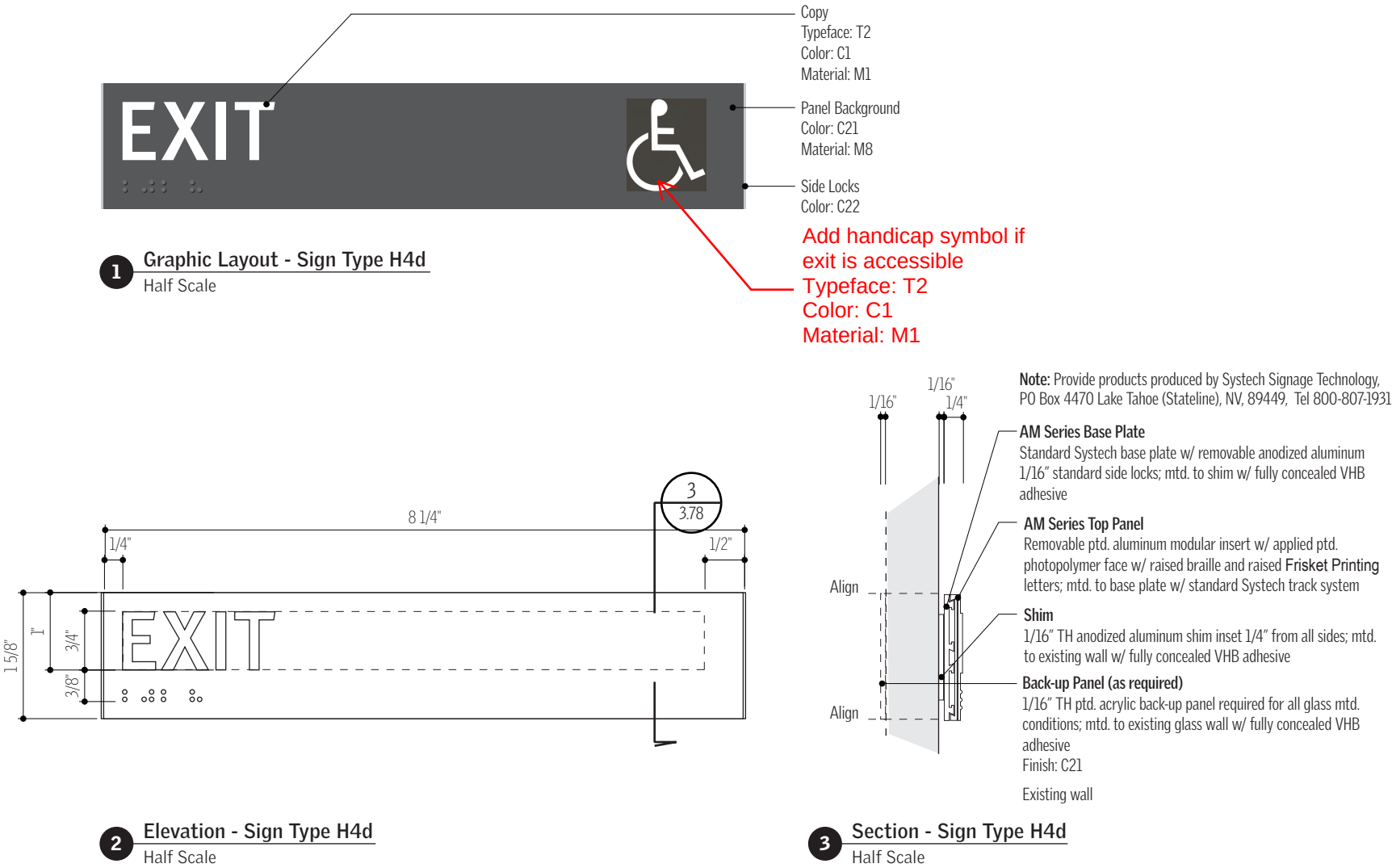
MATERIAL SCHEDULE
M1: Frisket Painting Color
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.79 SIGN TYPE H6

SIGN TYPE SPECIFICATIONS

H6
OCCUPANCY

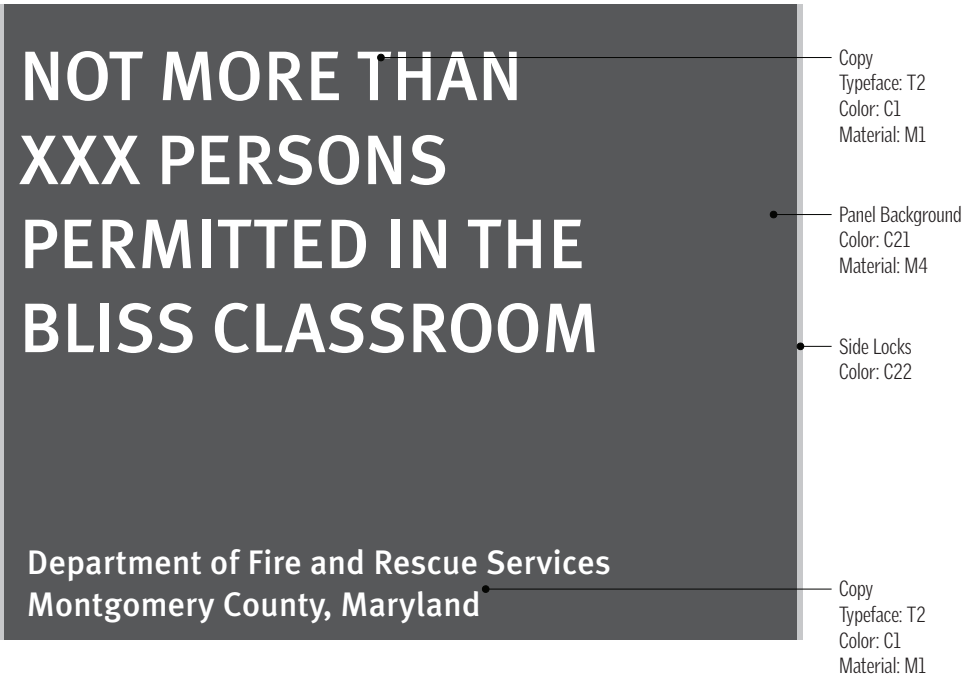
COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

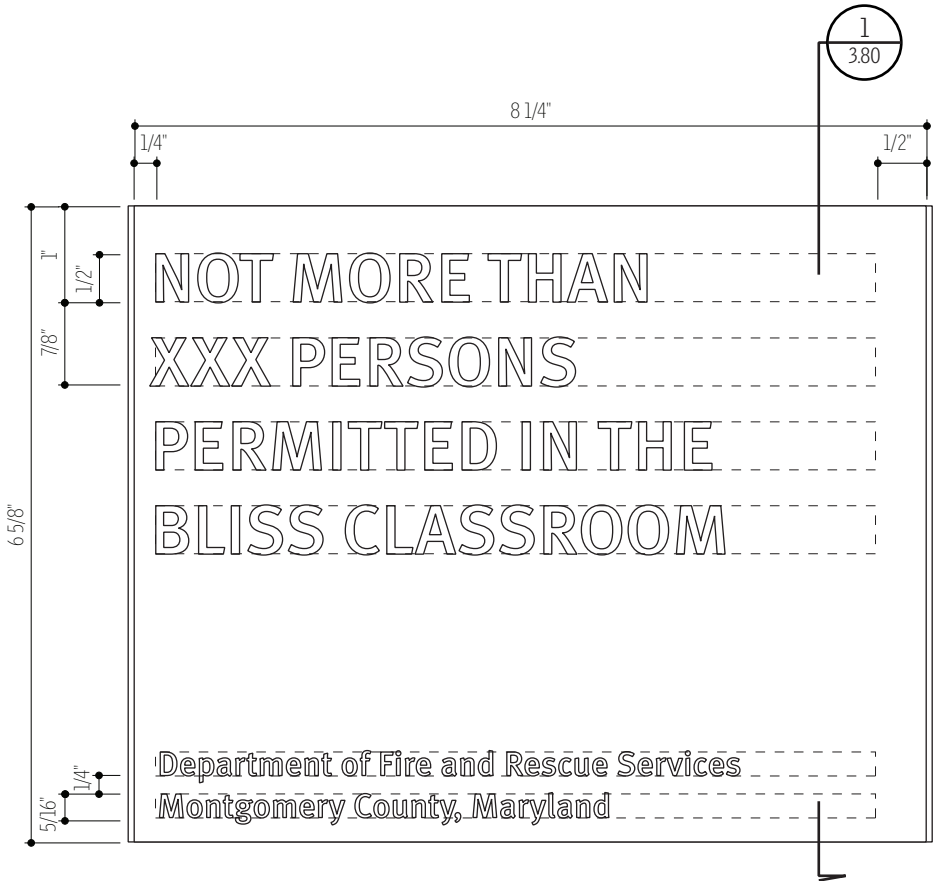
TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0
T2 (Upper/Lower Case): +10



1 Graphic Layout - Sign Type H6
Half Scale



2 Elevation - Sign Type H6
Half Scale

H6a
NO SMOKING OR
VAPING

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21:
Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to
match the examples in the Sign System Manual
which were prepared in Adobe Illustrator CS3,
Version 13.0.0, with the following numeric value(s)
in the kerning/letter spacing option(s). Sign
Contractor shall compare their resulting kerning/
letter spacing with the examples provided and
adjust accordingly.

T2 (Upper Case): +0
T2 (Upper/Lower Case): +10



1 Graphic Layout - Sign Type H6
Half Scale



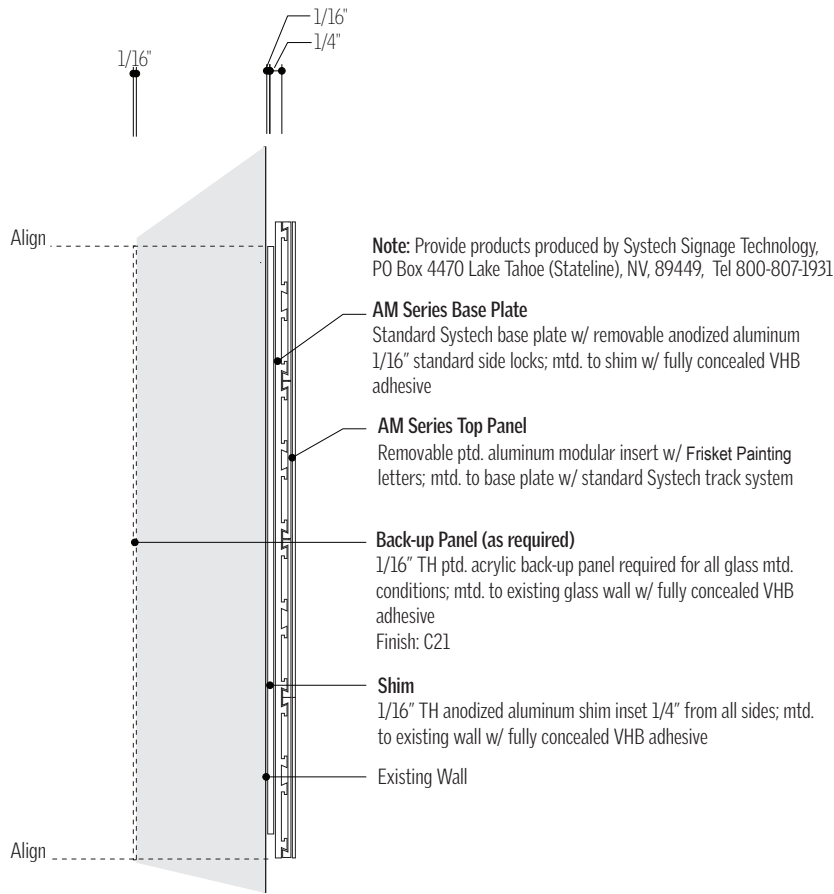
2 Elevation - Sign Type H6
Half Scale

3.80 SIGN TYPE H6
and H6a

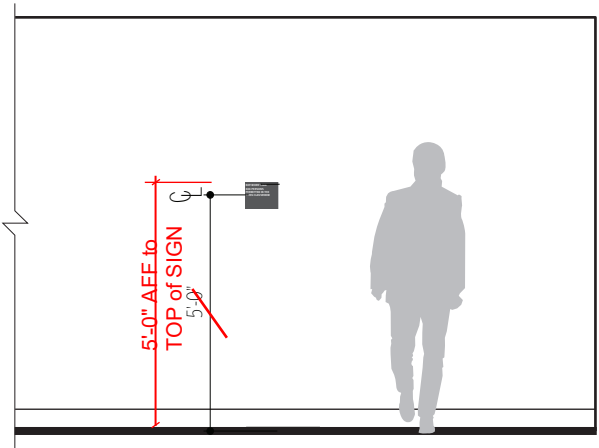
SIGN TYPE SPECIFICATIONS

H6 & H6a
OCCUPANCY

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



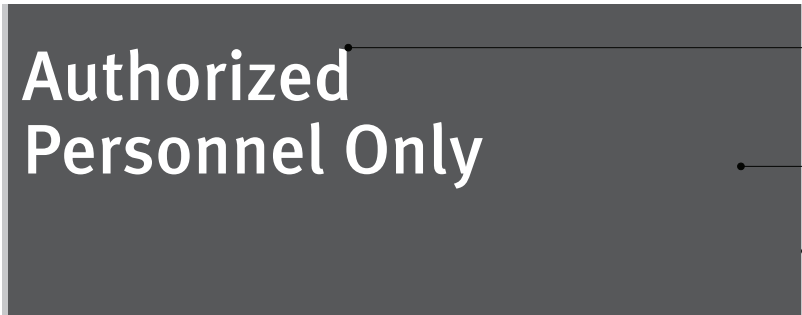
1 Section - Sign Type H6
Half Full



2 Installation Elevation - Sign Type H6
1/4" = 1'-0"

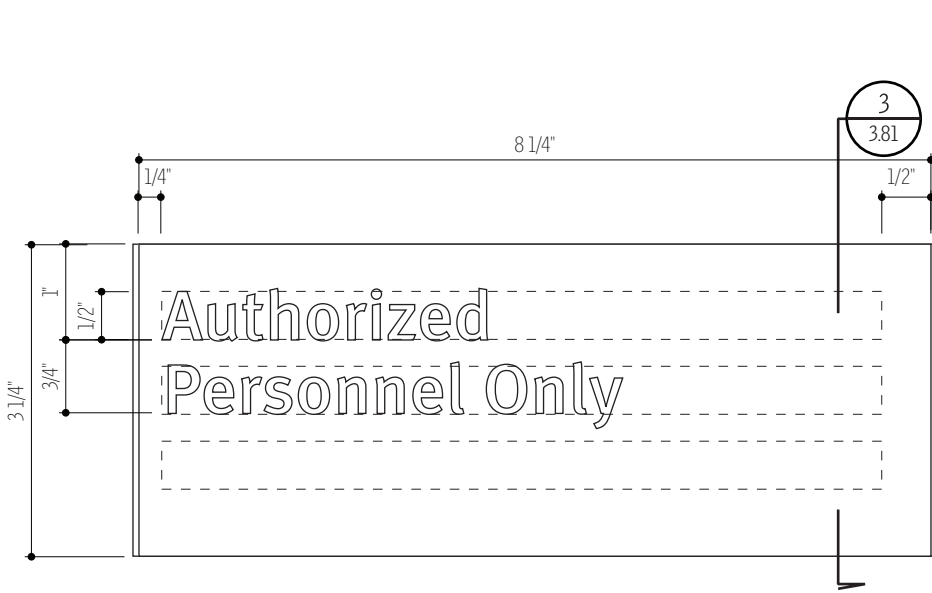
3.81 SIGN TYPE H7

SIGN TYPE SPECIFICATIONS

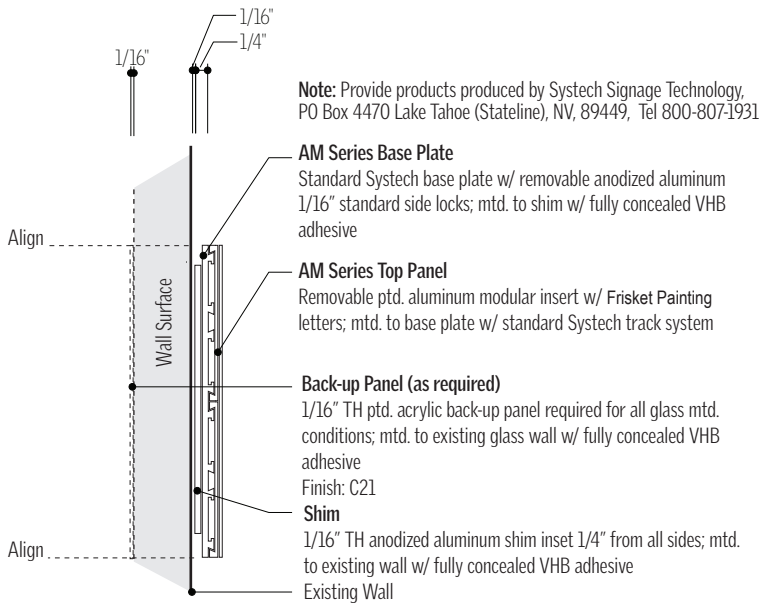


- Copy
Typeface: T2
Color: C1
Material: M1
- Panel Background
Color: C21
Material: M4
- Side Locks
Color: C22

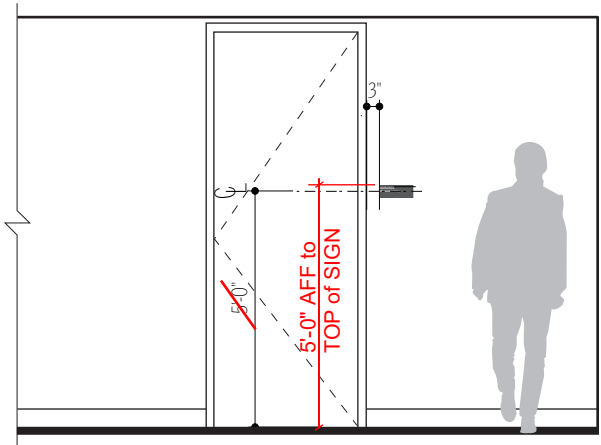
1 Graphic Layout - Sign Type H7
Half Scale



2 Elevation - Sign Type H7
Half Scale



3 Section - Sign Type H7
Half Scale



4 Installation Elevation - H7
1/4" = 1'-0"

H7
RESTRICTED AREA

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21: Duron Standard SW1237 Shale Gray C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case): +10

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

3.82 SIGN TYPE H8A

SIGN TYPE SPECIFICATIONS

H8A
STAIR ID, OCCUPANCY SIDE

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

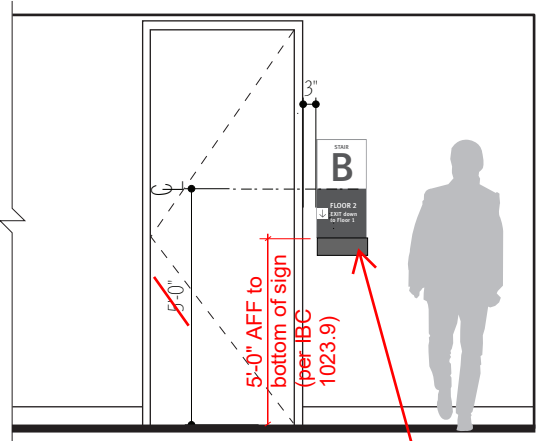
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +25
T2 (Upper/Lower Case): +10

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

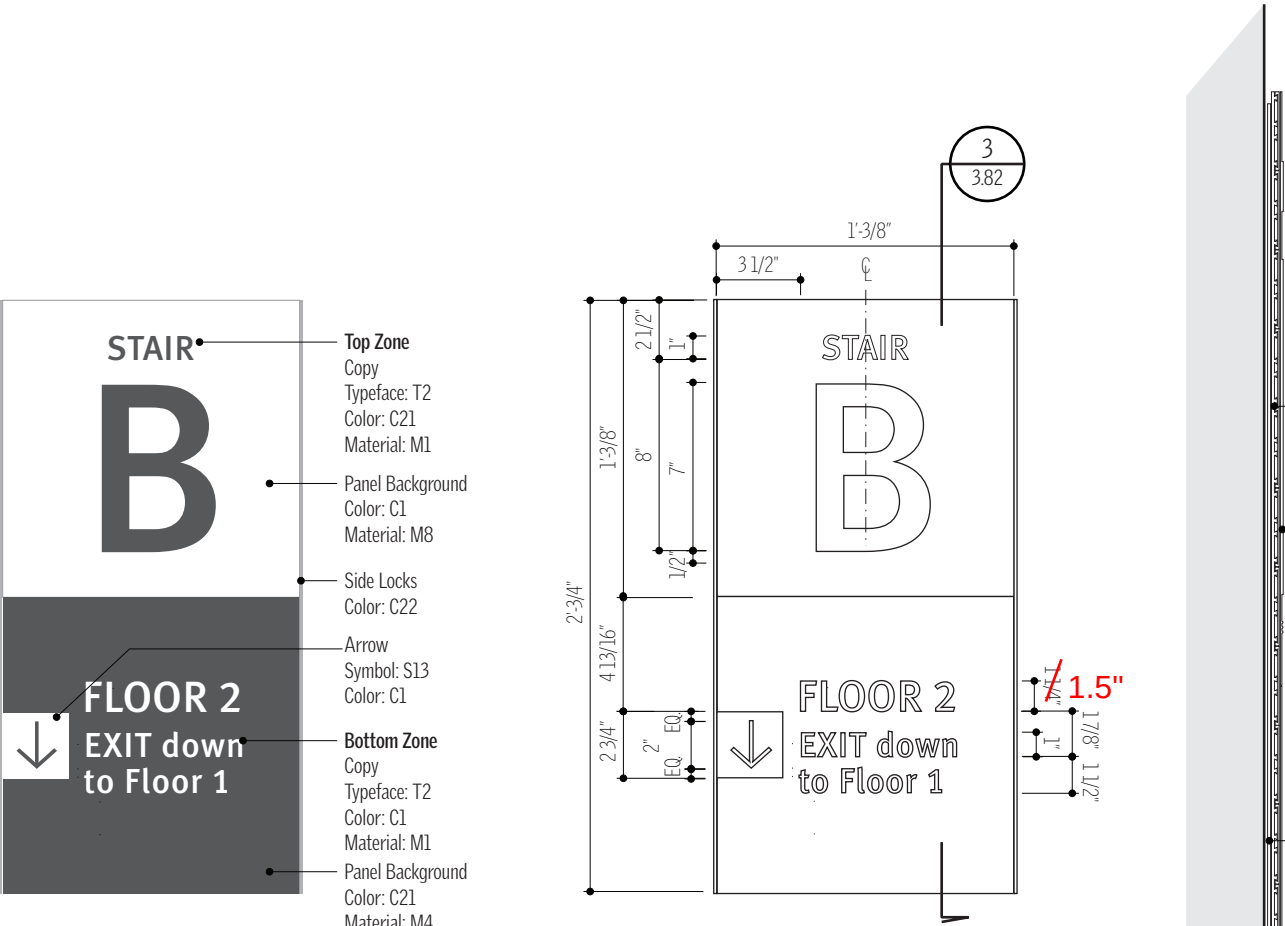
S13: [Mon_Col_Arrow.eps]

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



4 Installation Elevation - H8a
1/4" = 1'-0"

Sign type H8C
Has raise letters and braille
identifying floor level and
stairway



1 Graphic Layout - Sign Type H8a
1 1/2" = 1'-0"

2 Elevation - Sign Type H8a
1 1/2" = 1'-0"

3 Section - Sign Type H8a
3" = 1'-0"

Note: Provide products produced by Systech Signage Technology, PO Box 4470 Lake Tahoe (Stateline), NV, 89449, Tel 800-807-1931

AM Series Base Plate
Standard Systech base plate w/ removable anodized aluminum 1/16" standard side locks; mtd. to shim w/ fully concealed VHB adhesive

AM Series Top Panel (Top Zone)
Removable ptd. aluminum modular insert w/ applied ptd. photopolymer face w/ raised braille and raised Frisket Painting letters; mtd. to base plate w/ standard Systech track system

Shim
1/16" TH anodized aluminum shim inset 1/4" from all sides; mtd. to existing wall w/ fully concealed VHB adhesive

AM Series Top Panel (Bottom Zone)
Removable ptd. aluminum modular insert w/ Frisket Painting letters; mtd. to base plate w/ standard Systech track system

As req'd
1'-3/8"
1"H Copy
Typeface: T2
Color: C1
Material: M1
Sign Type H8c - ADA
Stair ID
Braille

3.83 SIGN TYPE H8B

SIGN TYPE SPECIFICATIONS

H8B
STAIR ID, STAIR SIDE

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

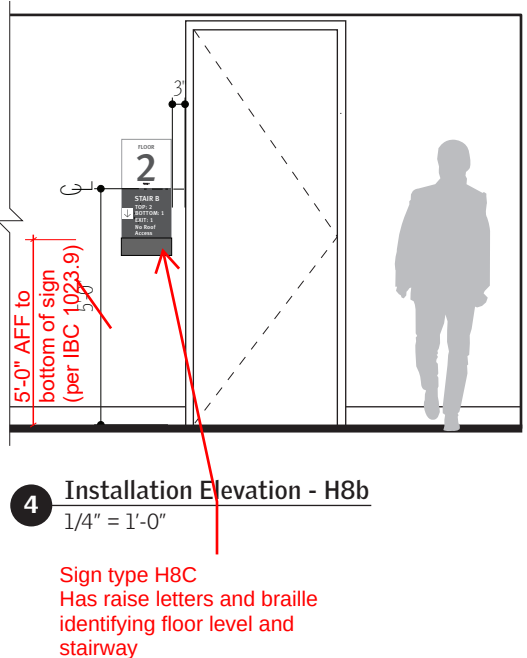
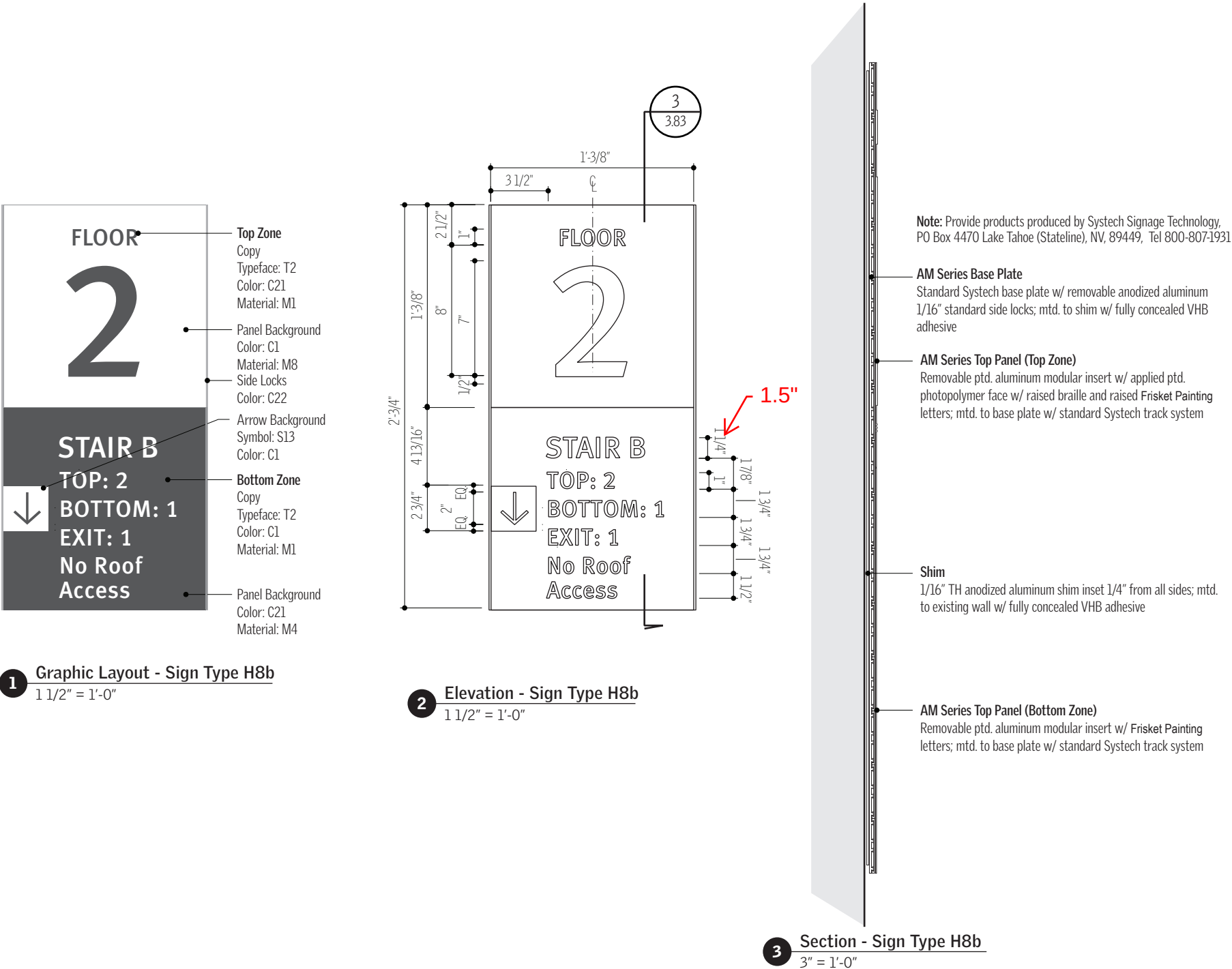
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +25
T2 (Upper/Lower Case): +10

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S13: [Mon_Col_Arrow.eps]

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



3.84 SIGN TYPE H9

SIGN TYPE SPECIFICATIONS

H9
RESTROOM ID, ADA

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

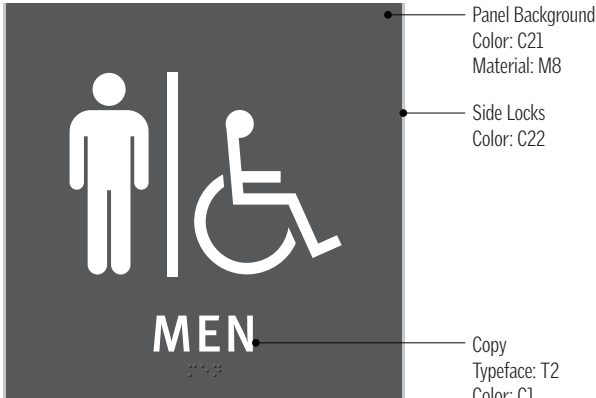
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +25

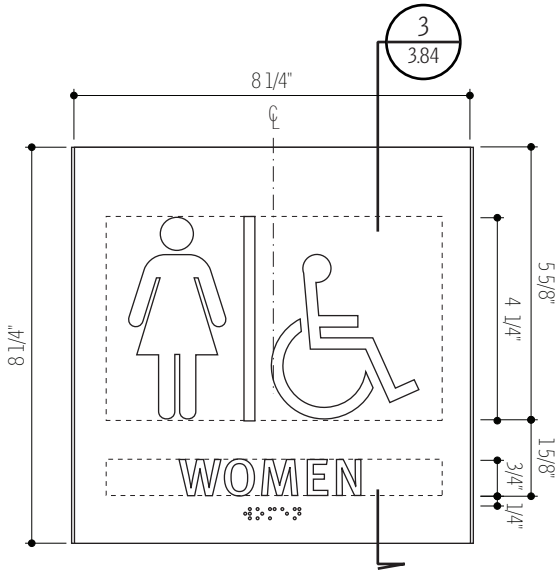
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S1: [Mon_Col_Men.eps]
S2: [Mon_Col_Women.eps]
S4: [Mon_Col_MenAccessible.eps]
S5: [Mon_Col_WomenAccessible.eps]
S16: {Mon_Col_Unisex.eps}

GENERAL NOTE
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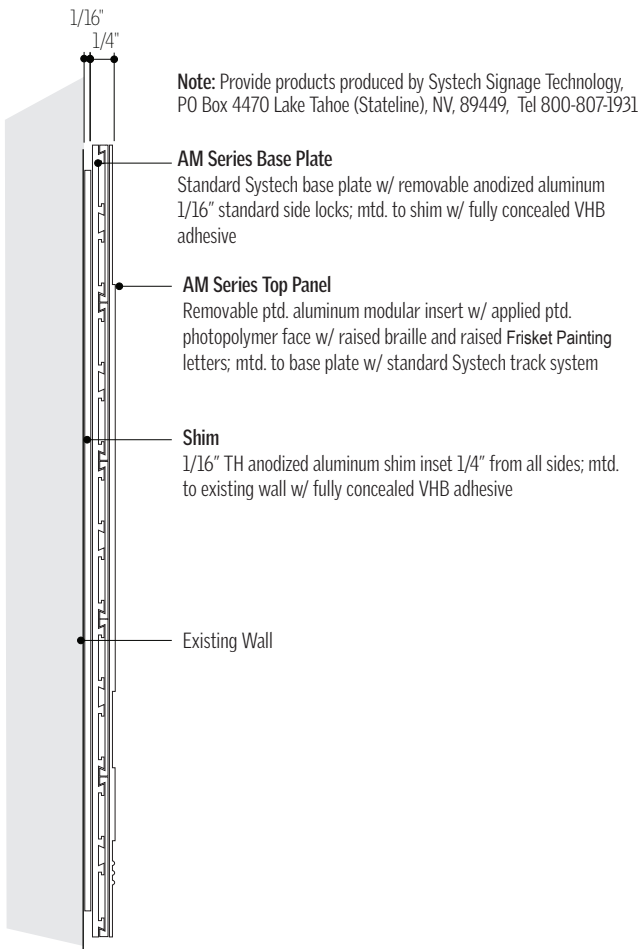


1 Graphic Layout - Sign Type H9
3" = 1'-0"

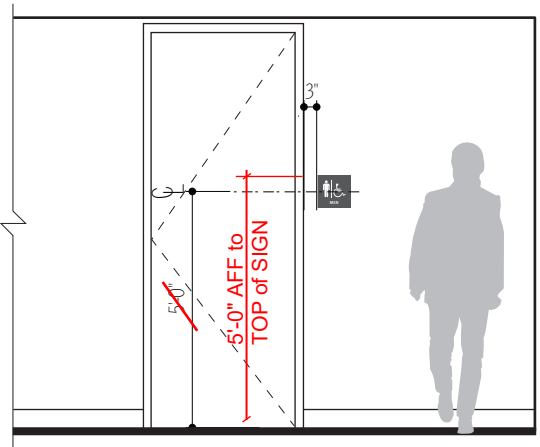


2 Elevation - Sign Type H9
3" = 1'-0"

Signage Type H9a - Men
Signage Type H9b - Women
Signage Type H9c - All Gender
Signage Type H9d - Family



3 Section - Sign Type H9
Half Full Scale



4 Installation Elevation - Sign Type H9
3/4" = 1'-0"

3.85 SIGN TYPE H10

SIGN TYPE SPECIFICATIONS

H10
EMERGENCY EGRESS

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum
M8: Painted Photopolymer

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

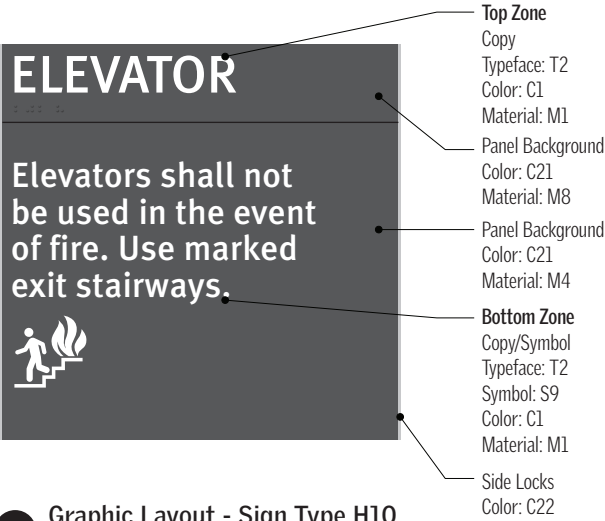
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0
T2 (Upper/Lower Case): +10

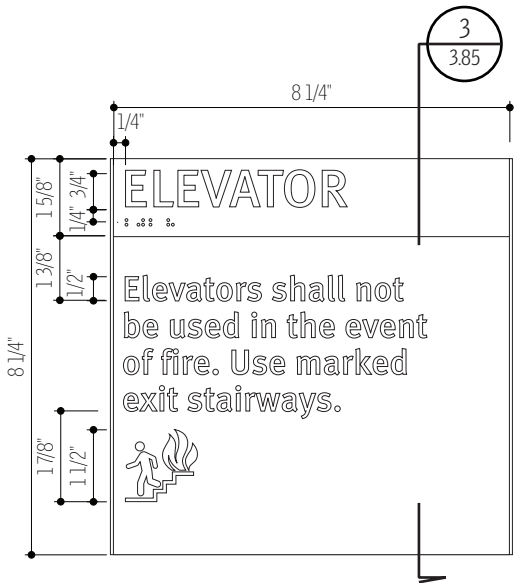
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S9: [Mon_Col_FireSafety.eps]

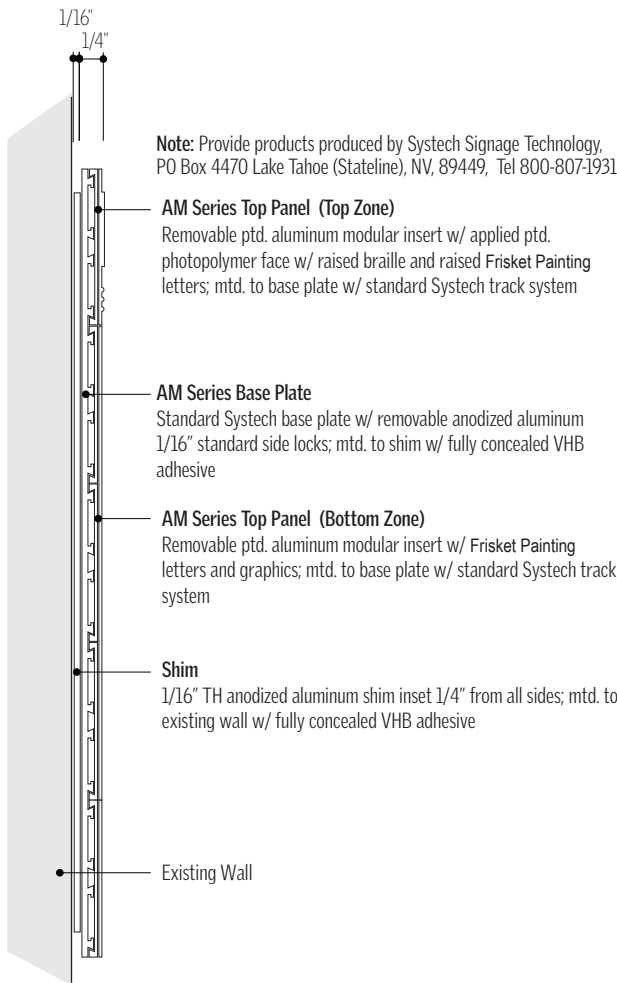
GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



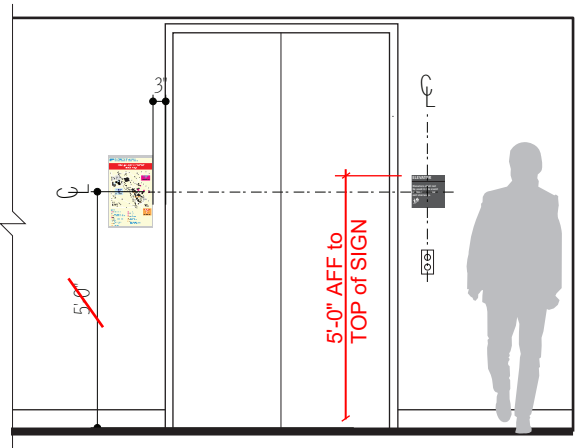
1 Graphic Layout - Sign Type H10
3" = 1'-0"



2 Elevation - Sign Type H10
3" = 1'-0"



3 Section - Sign Type H10
Half Full Scale



4 Installation Elevation - Sign Types H10, H11
1/4" = 1'-0"

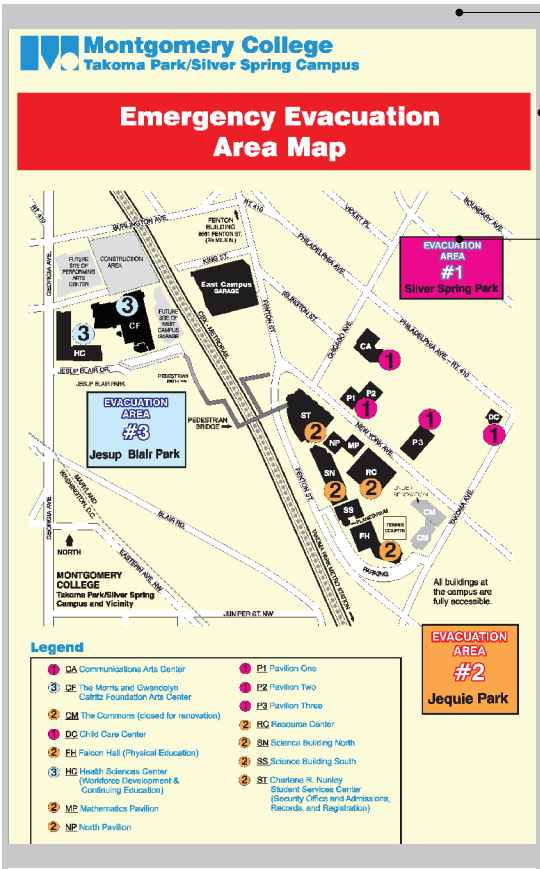
3.86 SIGN TYPE H11

SIGN TYPE SPECIFICATIONS

H11
EMERGENCY EGRESS, (MAP INSERT)

COLOR SCHEDULE
C22: Natural Satin Anodized Aluminum
C23: Non-glare Clear Acrylic

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

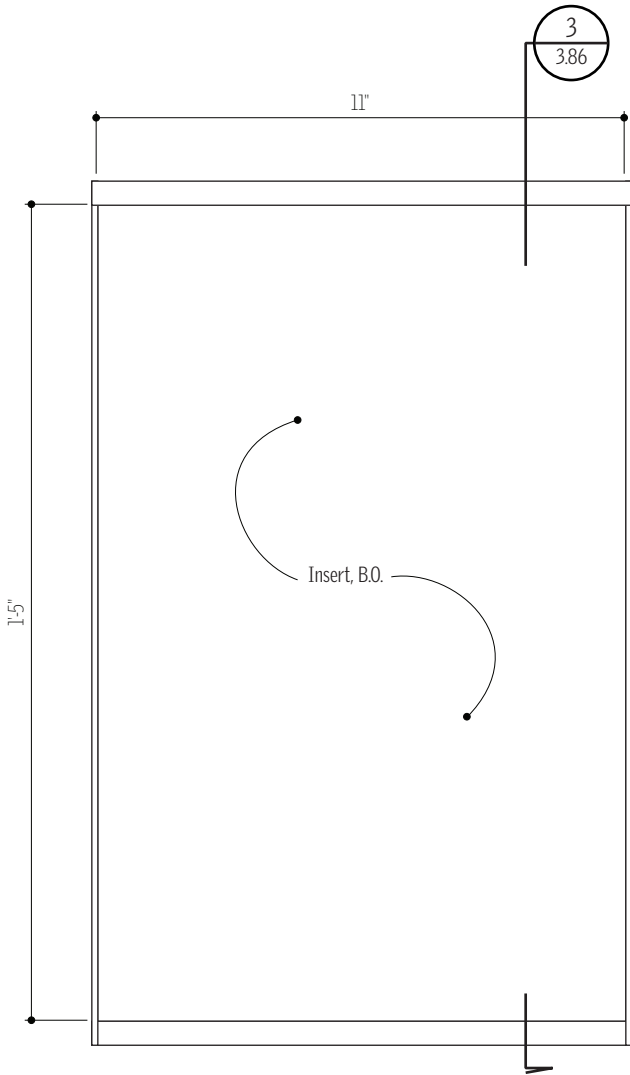


1 Graphic Layout - Sign Type H11
3" = 1'-0"

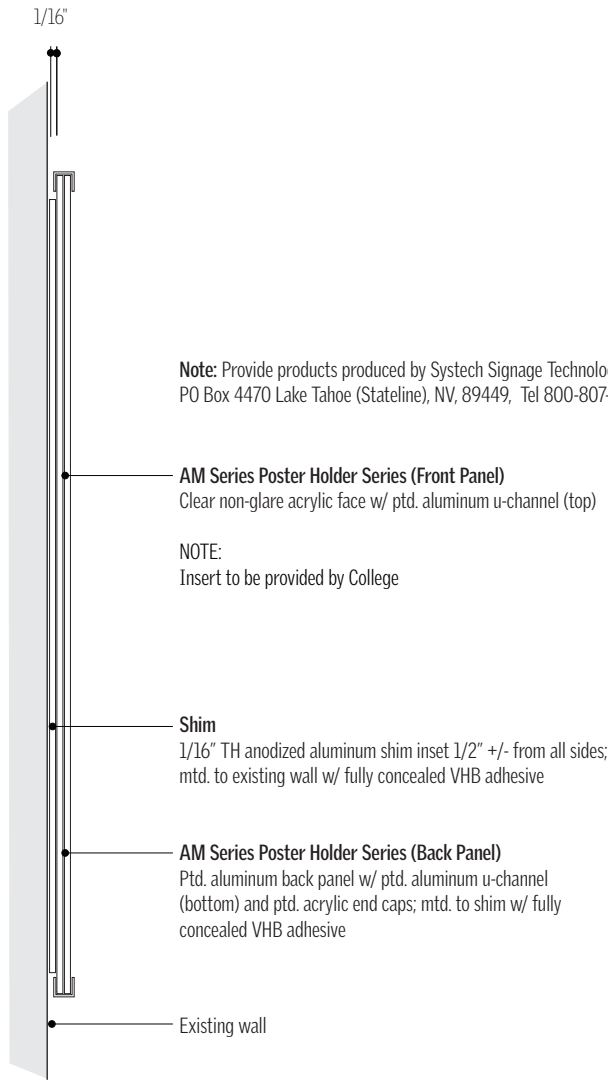
U-Channel (Top & Bottom)
Color: C22

End Caps
Color: C22

Insert
Front Panel Color: C23
Back Panel Color: C22



2 Elevation - Sign Type H11
3" = 1'-0"



3 Section - Sign Type H11
3" = 1'-0"

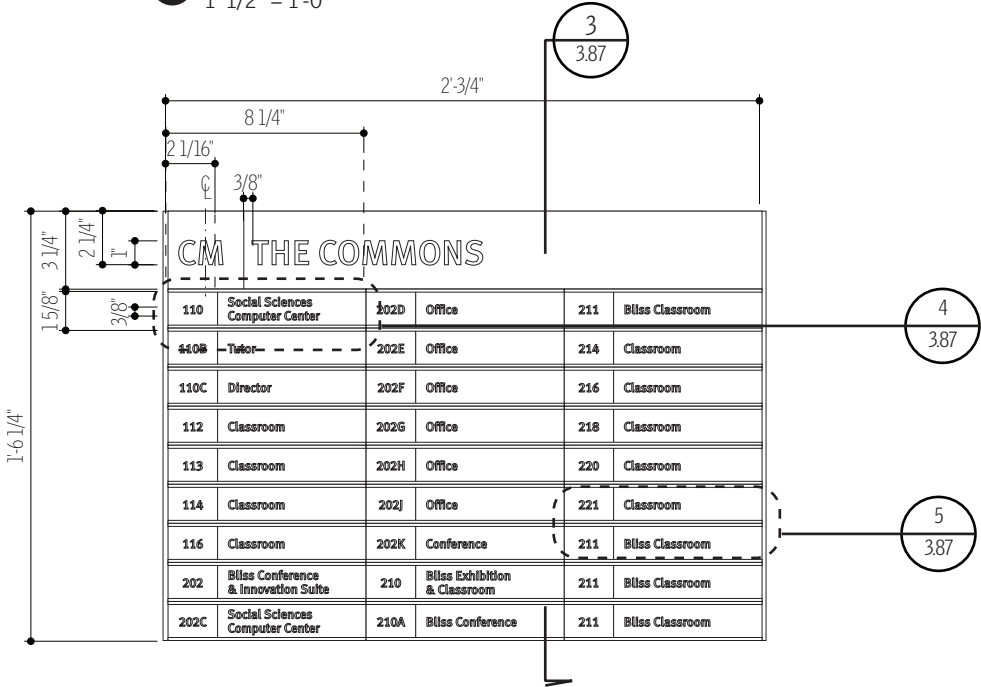
3.87 SIGN TYPE J1

SIGN TYPE SPECIFICATIONS

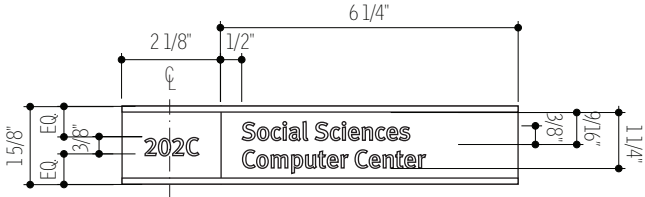
CM THE COMMONS				
110	Social Sciences Computer Center	202D	Office	211 Bliss Classroom
110B	Tutor	202E	Office	214 Classroom
110C	Director	202F	Office	216 Classroom
112	Classroom	202G	Office	218 Classroom
113	Classroom	202H	Office	220 Classroom
114	Classroom	202J	Office	221 Classroom
116	Classroom	202K	Conference	
202	Bliss Conference & Innovation Suite	210	Bliss Exhibition & Classroom	
202C	Social Sciences Computer Center	210A	Bliss Conference	

- Panel Background Color: C21 Material: M4
- Copy Typeface: T2 Color: C1 Material: M1
- Insert Front Panel Color: C23 Back Panel Color: C22
- Side Locks Color: C22

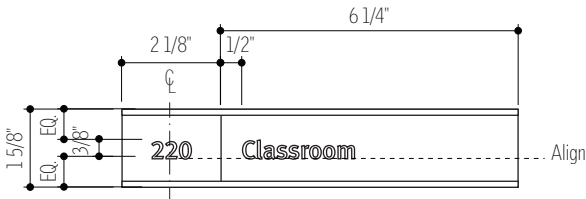
1 Graphic Layout - Sign Type J1
1 1/2" = 1'-0"



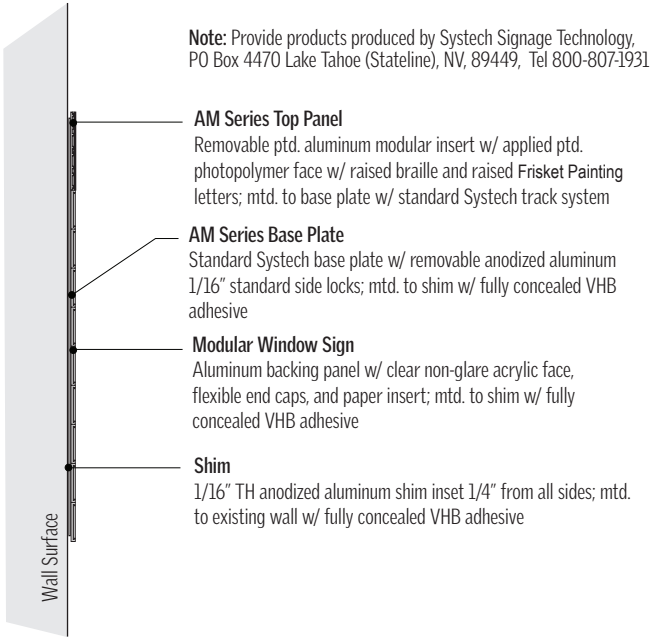
2 Elevation - Sign Type J1
1 1/2" = 1'-0"



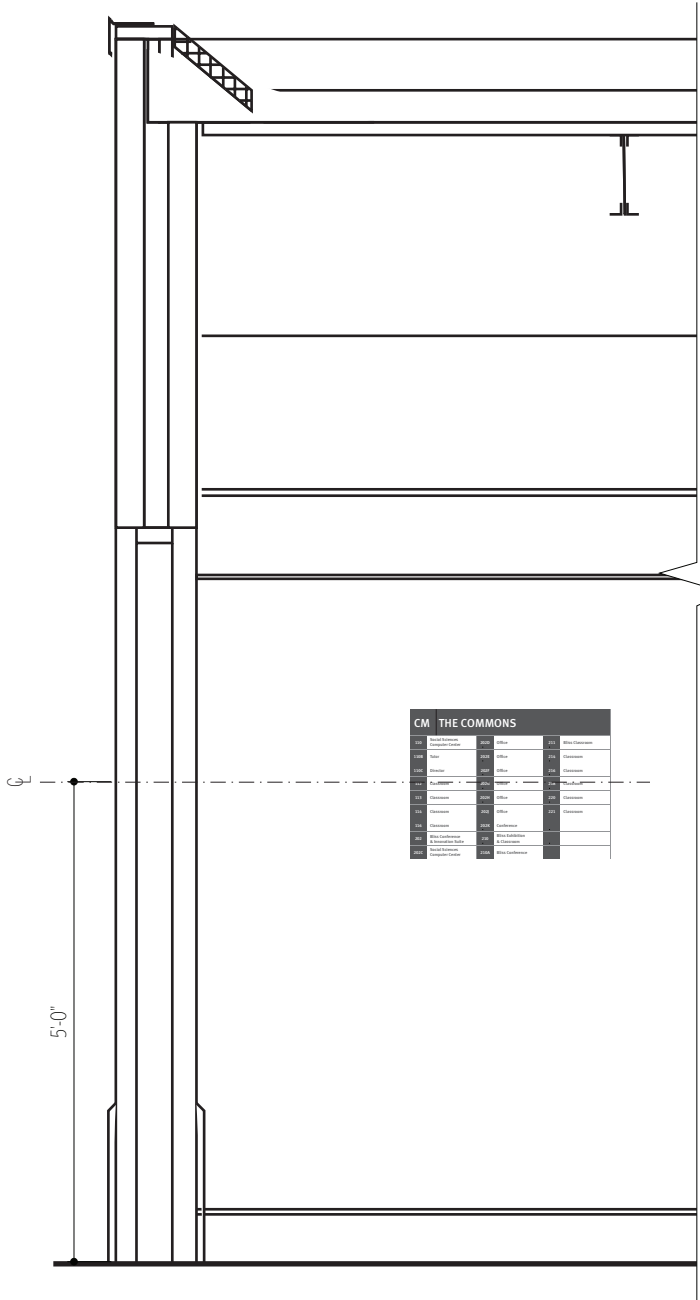
4 Graphic Details - 2 Line Message - Sign Type J1
3" = 1'-0"



5 Graphic Details - 1 Line Message - Sign Type J1
3" = 1'-0"



3 Section - Sign Type J1
1 1/2" = 1'-0"



6 Installation Elevation - Sign Type J1
1/2" = 1'-0"

J1 BUILDING DIRECTORY

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum
C23: Non-glare acrylic

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

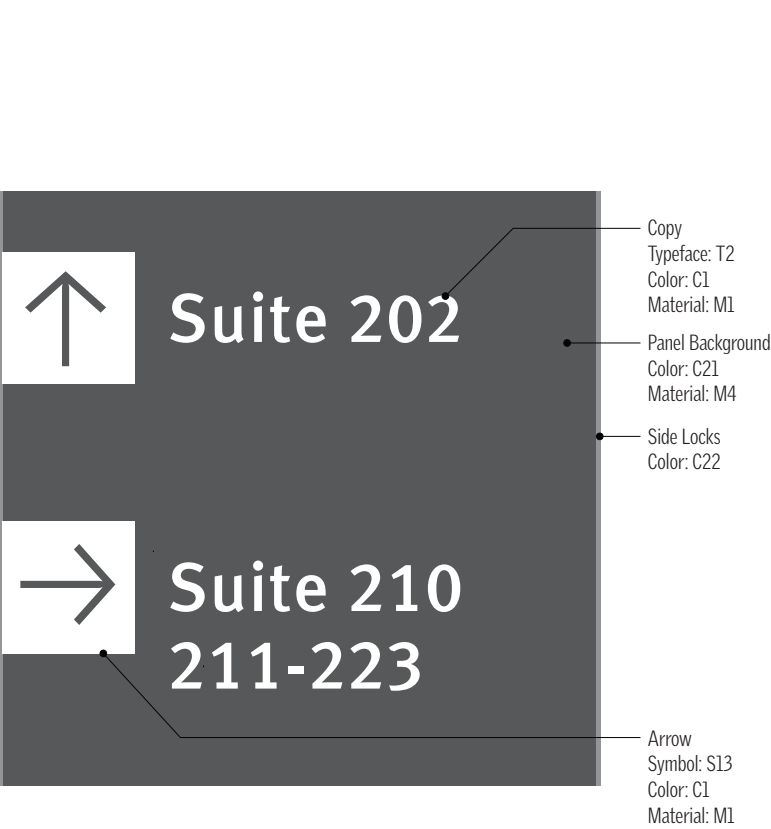
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +0

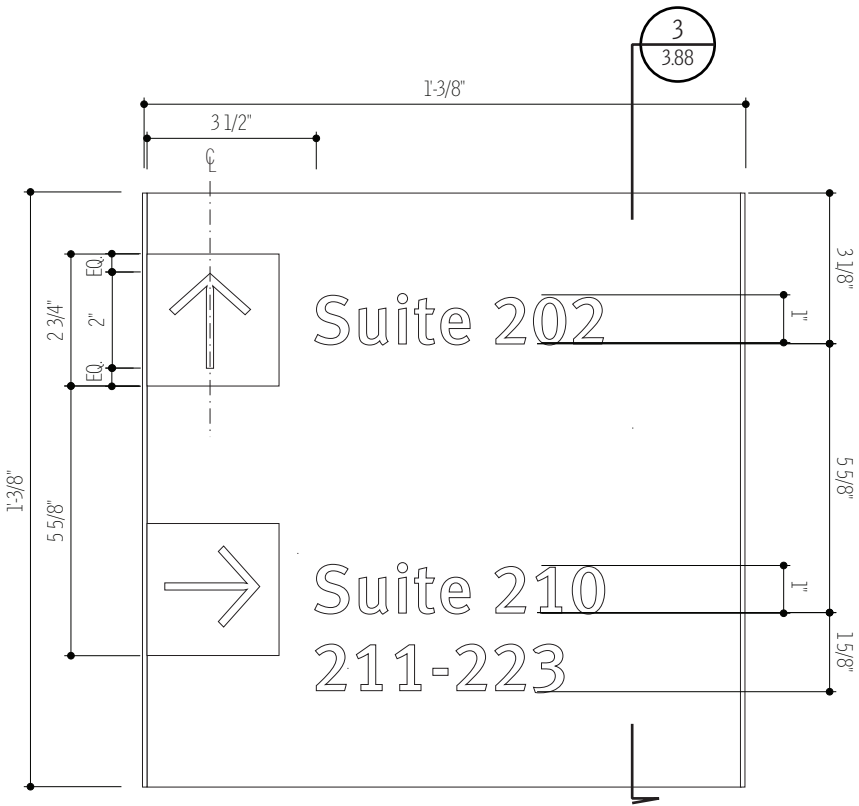
GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

3.88 SIGN TYPE K1

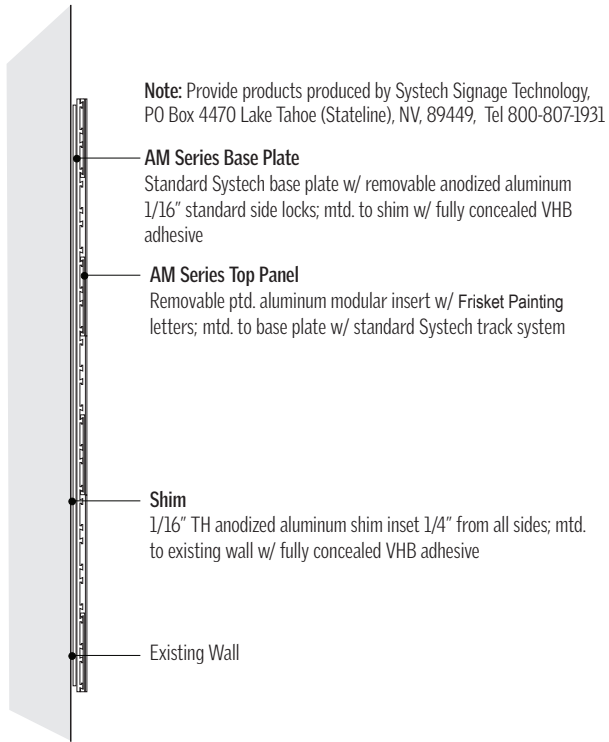
SIGN TYPE SPECIFICATIONS



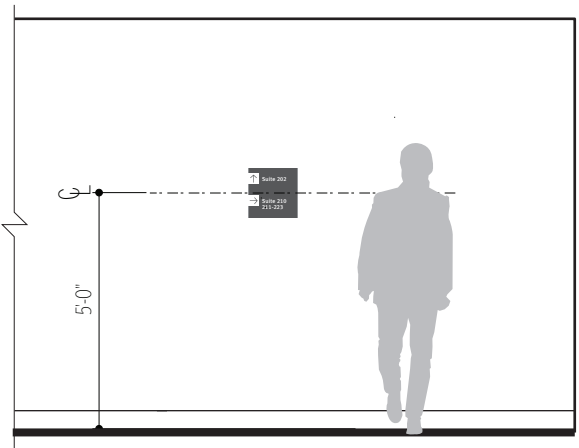
1 Graphic Layout - Sign Type K1
3" = 1'-0"



2 Elevation - Sign Type K1
3" = 1'-0"



3 Section - Sign Type K1
3" = 1'-0"



1 Installation Elevation - Sign Type K1
3/4" = 1'-0"

K1
ROOM DIRECTIONAL

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21:
Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper/Lower Case): +25

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S13: [Mon_Col_Arrow.eps]

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

3.89 SIGN TYPE K2

SIGN TYPE SPECIFICATIONS

K2
FLAG DIRECTIONAL

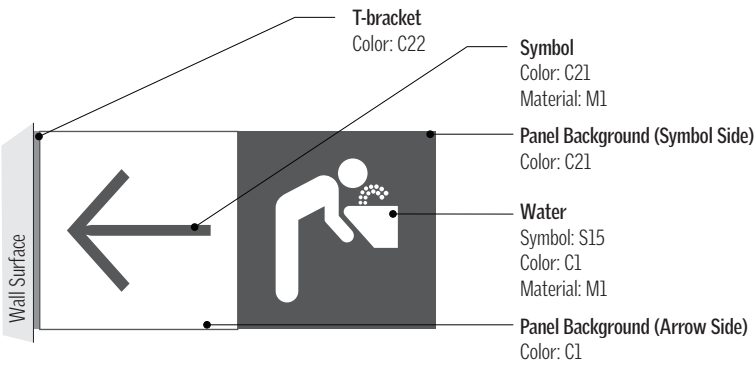
COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

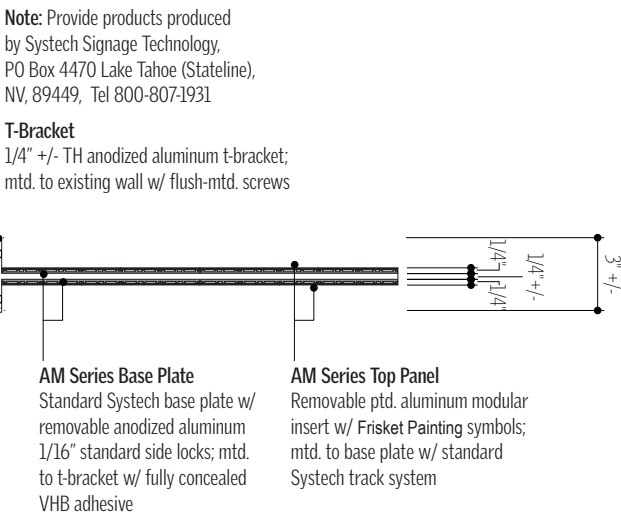
SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

- S1: [Mon_Col_Women.eps.]
- S2: [Mon_Col_Men.eps.]
- S4: [Mon_Col_WomenAccessible.eps.]
- S5: [Mon_Col_MenAccessible.eps.]
- S13: [Mon_Col_Arrow.eps]
- S15: [Mon_Col_Water.eps]
- S16: {Mon_Col_Unisex.eps}

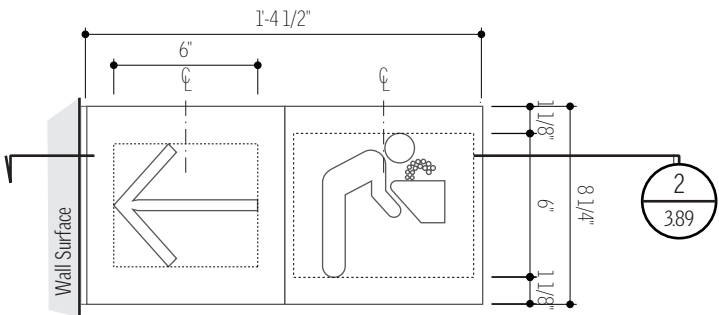
GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



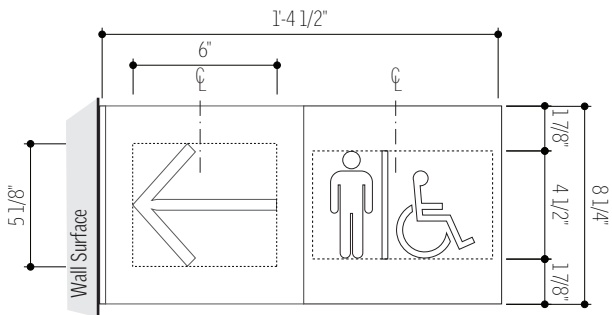
1 Graphic Layout - Sign Type K2
1 1/2" = 1'-0"



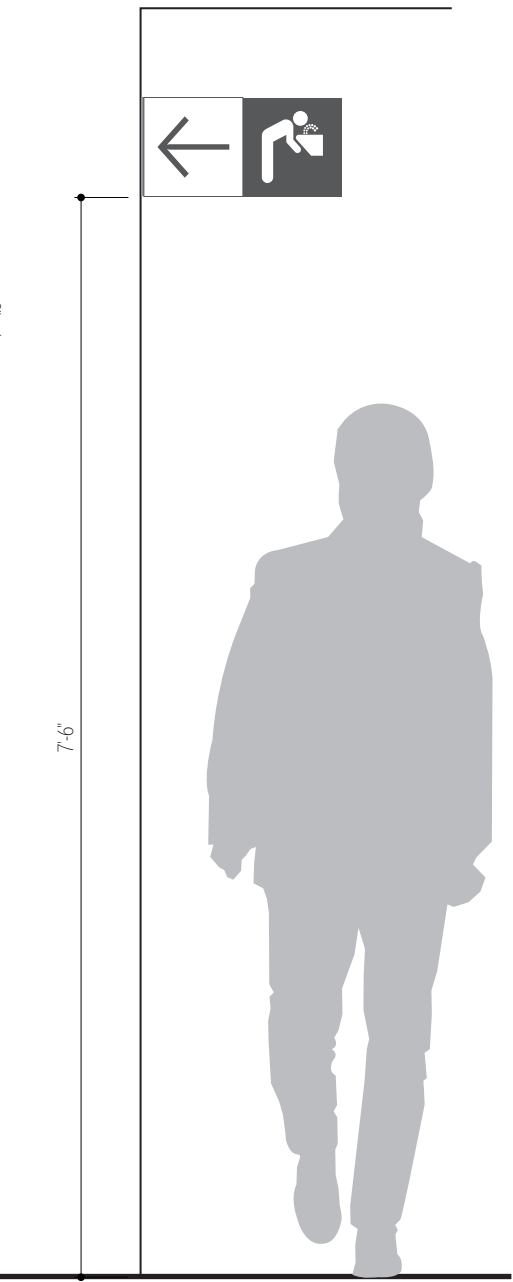
2 Plan Section - Sign Type K2
1 1/2" = 1'-0"



3 Elevation - Sign Type K2
1 1/2" = 1'-0"



4 Elevation - Sign Type K2 - Alternate Message
1 1/2" = 1'-0"



5 Installation Elevation - Sign Type K2
3/4" = 1'-0"

3.90 SIGN TYPE L1

SIGN TYPE SPECIFICATIONS

L1
ROOM DEDICATION (OVERHEAD)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White C21: Duron Standard SW1237 Shale Gray C22: Natural Satin Anodized Aluminum

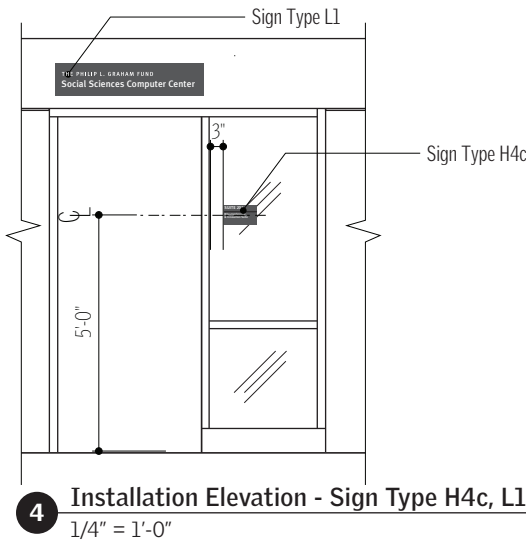
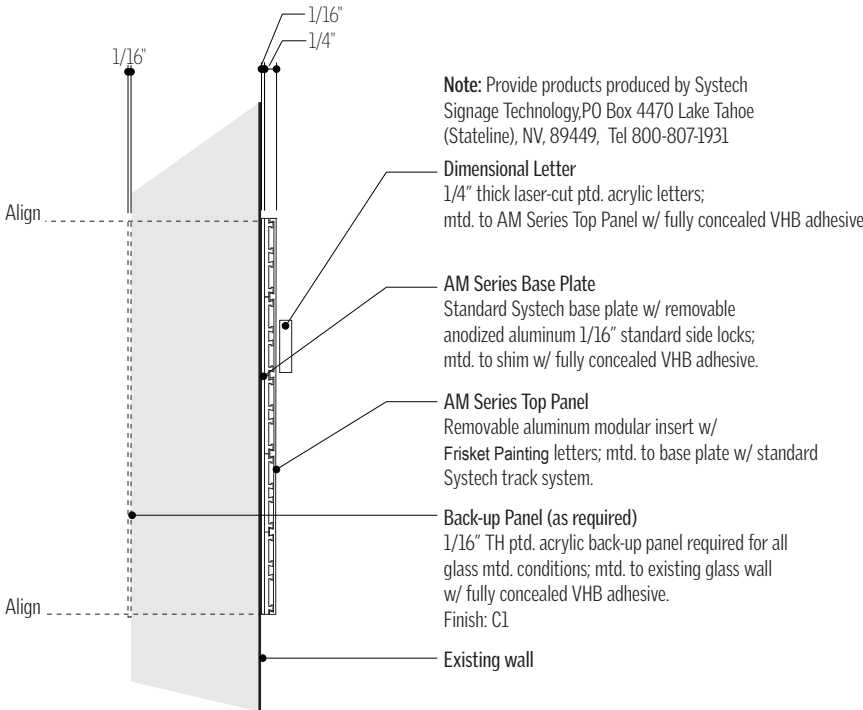
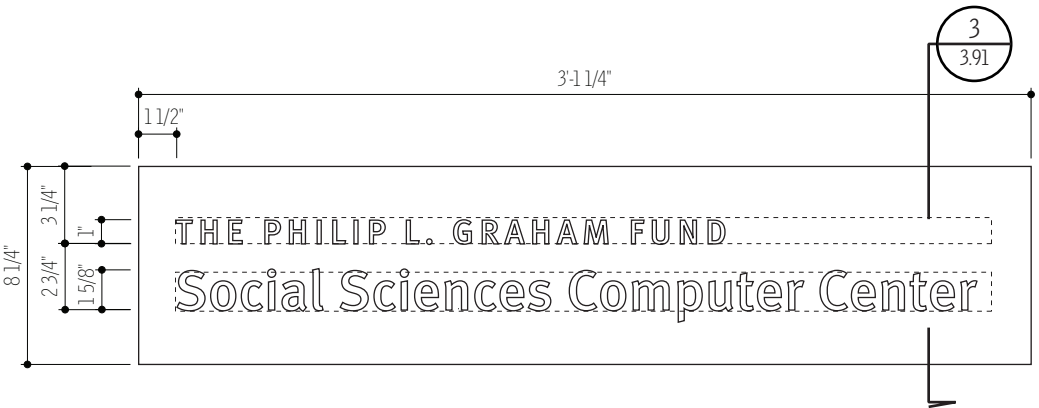
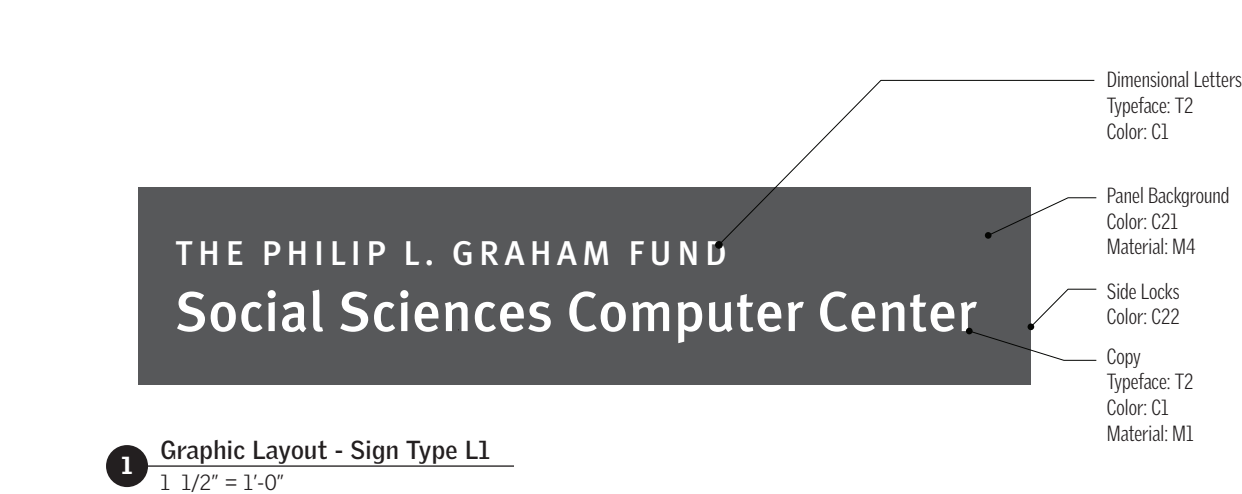
MATERIAL SCHEDULE
M1: Frisket Painting Color M4: Painted Aluminum

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

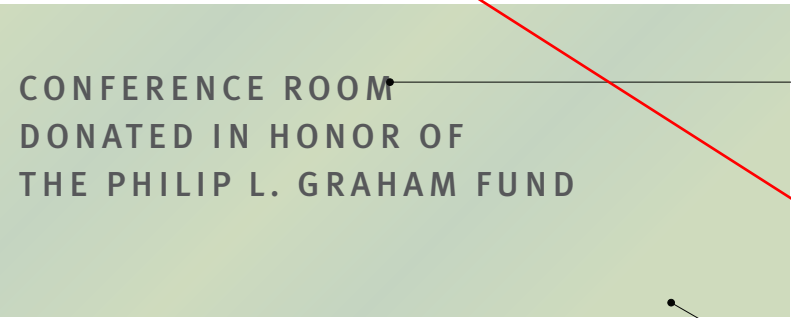
KERNING/LETTER SPACING SCHEDULE
Kerning/letter spacing of all typography is to match the examples in the Sign System Manual which were prepared in Adobe Illustrator CS3, Version 13.0.0, with the following numeric value(s) in the kerning/letter spacing option(s). Sign Contractor shall compare their resulting kerning/letter spacing with the examples provided and adjust accordingly.

T2 (Upper Case): +150

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.



DO NOT USE
Dedication and/or donor
signage to be designed on case
by case basis



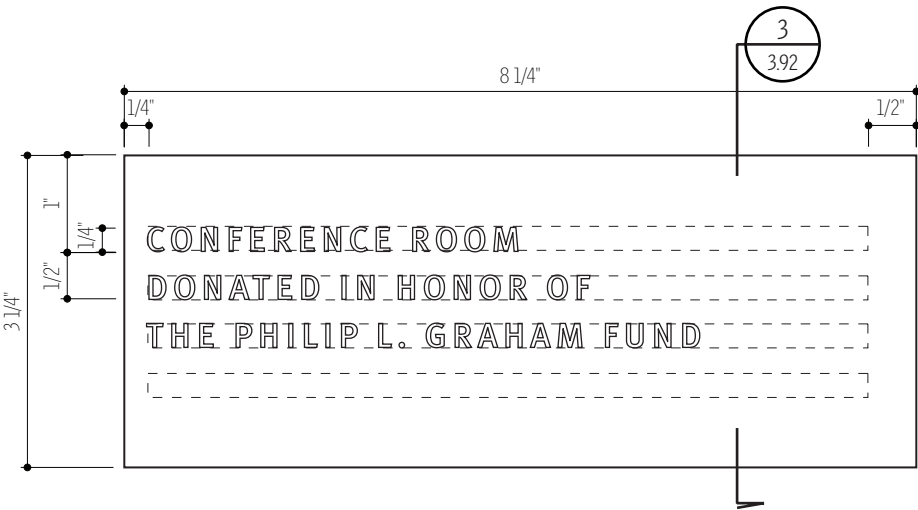
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Half Scale

Copy
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Color: C21

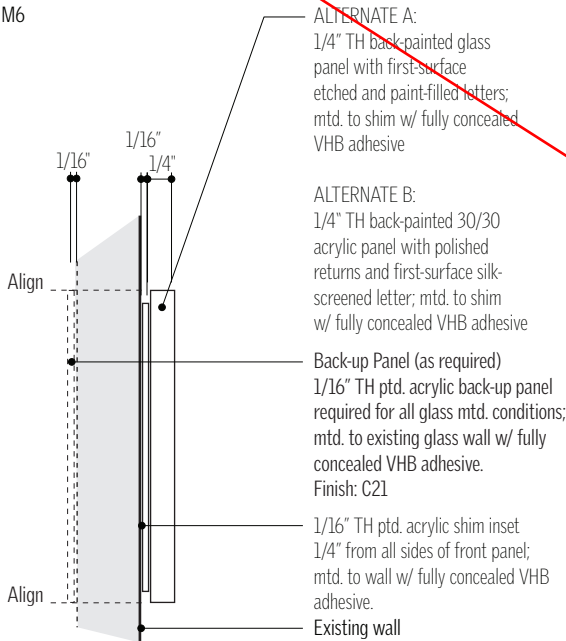
Alternate B:
Color: C21
Material: M1 (First-surface)

Panel Background
Alternate A:
Material: M5

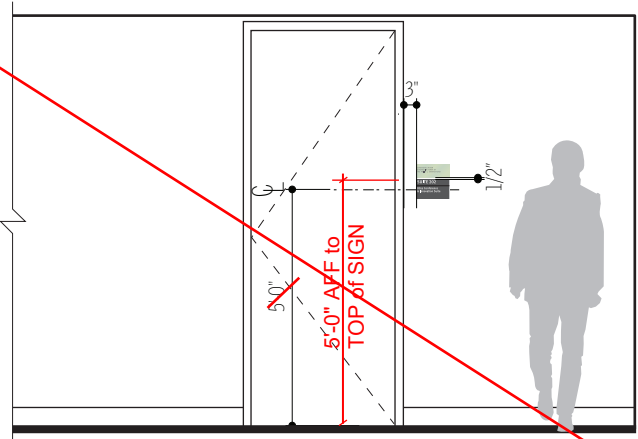
Alternate B:
Material: M6



2 Elevation - Sign Type L2
Half Scale



3 Section - Sign Type L2
Half Scale



4 Installation Elevation - Sign Type L2, H4c
3/4" = 1'-0"

L2
ROOM DEDICATION (WALL MOUNT)

COLOR SCHEDULE
C1: Duron Standard SW7005 Pure White
C21: Duron Standard SW1237 Shale Gray
C22: Natural Satin Anodized Aluminum

MATERIAL SCHEDULE
(Alternate A)
M7: Etched and Paint Filled Letters
M5: Glass Specification TBD

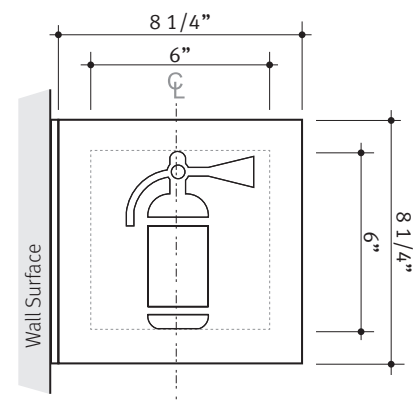
(Alternate B)
M1: Frisket Painting Color
M6: 30/30 Acrylic with Polished Returns

TYPEFACE SCHEDULE
T2: MetaPlus LF Medium

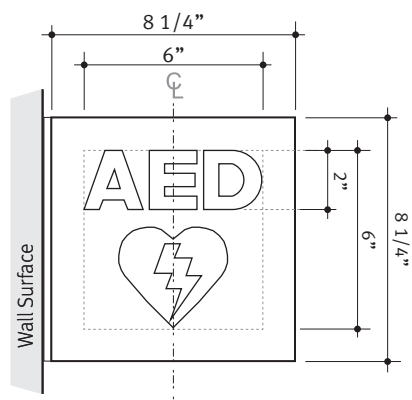
KERNING/LETTER SPACING SCHEDULE
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T2 (Upper Case): +150

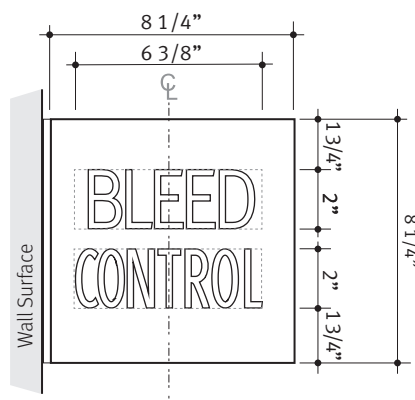
GENERAL NOTE
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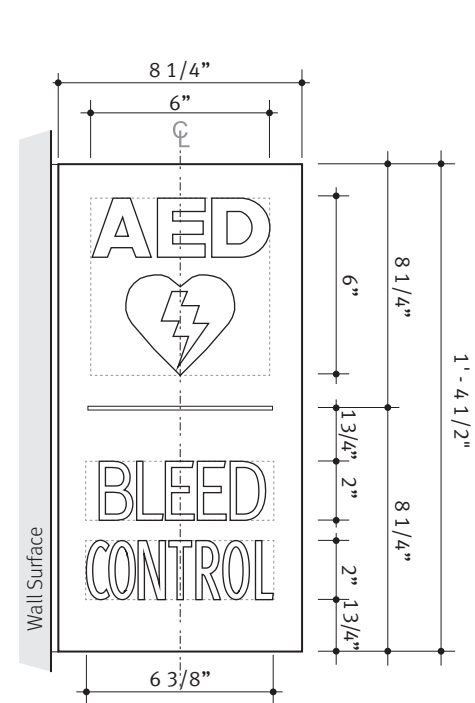
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1 1/2" = 1'-0"



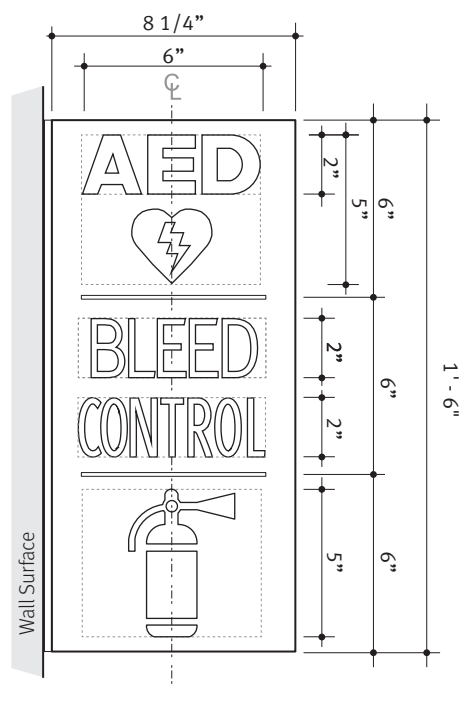
2 Elevation - Sign Type Q1B
1 1/2" = 1'-0"



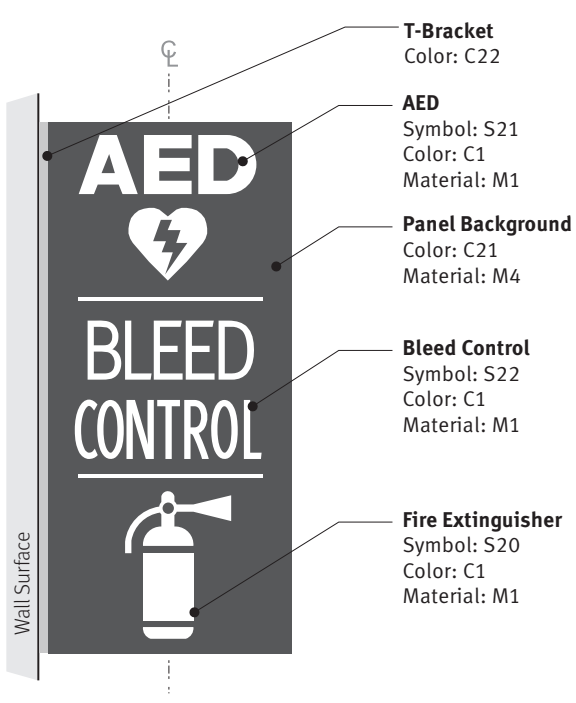
3 Elevation - Sign Type Q1C
1 1/2" = 1'-0"



4 Elevation - Sign Type Q1D
1 1/2" = 1'-0"

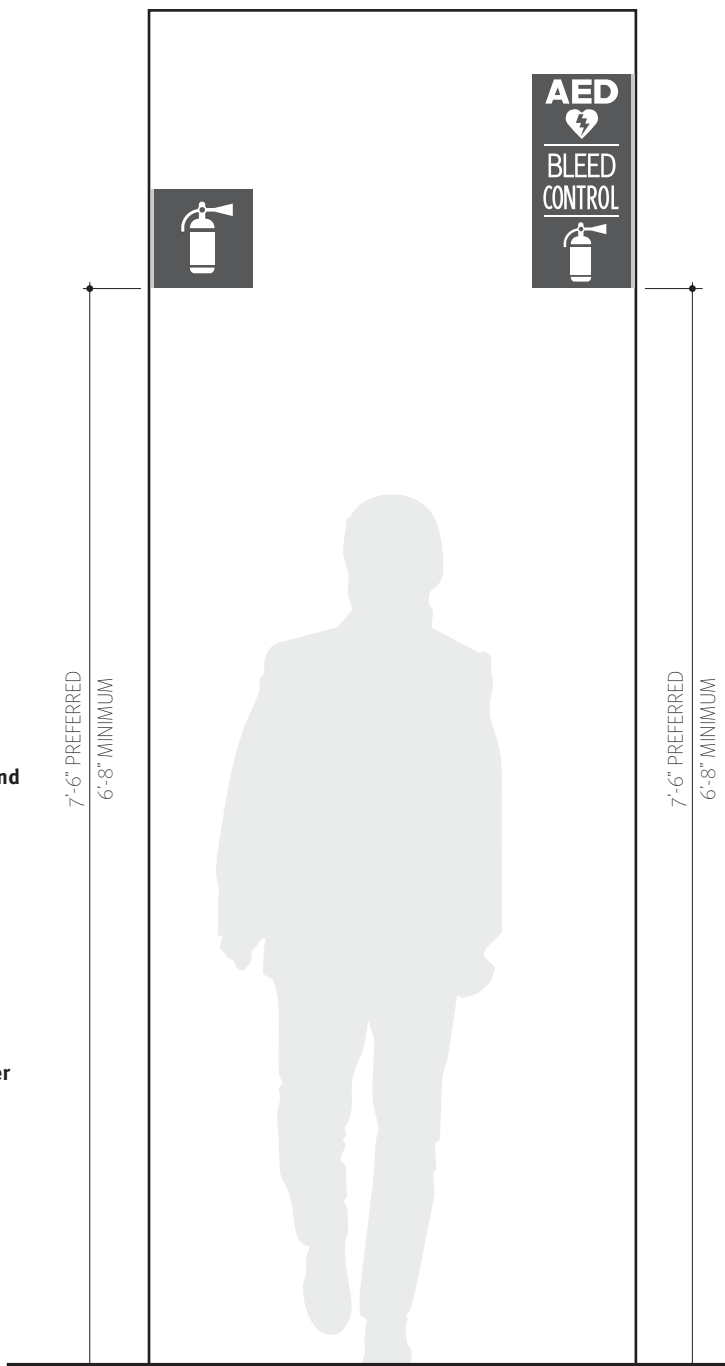


5 Elevation - Sign Type Q1E
1 1/2" = 1'-0"



6 Graphic Layout - Sign Type Q1E
1 1/2" = 1'-0"

NOTE:
Do not use sign type **Q1E**, if the ceiling height is less than 8'-2". In order to comply with Section 307 of the ADA standards for accessible design.



7 Installation Elevation - Sign Type Q1
3/4" = 1'-0"

Q1
Fire Extinguisher, AED, Bleed Control

COLOR SCHEDULE
C1: DURON STANDARD SW7005 PURE WHITE
C21: DURON STANDARD SW1237 SHALE GRAY
C22: NATURAL SATIN ANODIZED ALUMINUM

MATERIAL SCHEDULE
M1: Frisket Painting Color
M4: Painted Aluminum

SYMBOL SCHEDULE
Electronic artwork for all symbols to be provided by Owner to Sign Contractor prior to fabrication.

S20: FIRE EXTINGUISHER
S21: AED & HEART
S22: BLEED CONTROL

GENERAL NOTE
All constructional, engineering and anchoring details indicated on the drawings are meant as suggestions for design intent only. The Sign Contractor shall take full responsibility for the correct and safe engineering of all sign types and the way in which they are supported and anchored, and shall submit in the shop drawings any alternative details which are necessary to result in a satisfactory and safe final product. The Sign Contractor shall indemnify and hold harmless the Owner and Design Consultant against any claim resulting from failure of, or damage caused by, the installed signs.

Montgomery College

ROCKVILLE CAMPUS

GORDAN AND MARILYN

MACKLIN TOWER

Draft Report #T021-MC022

FP# 20-065

09.26.2023

Prepared by

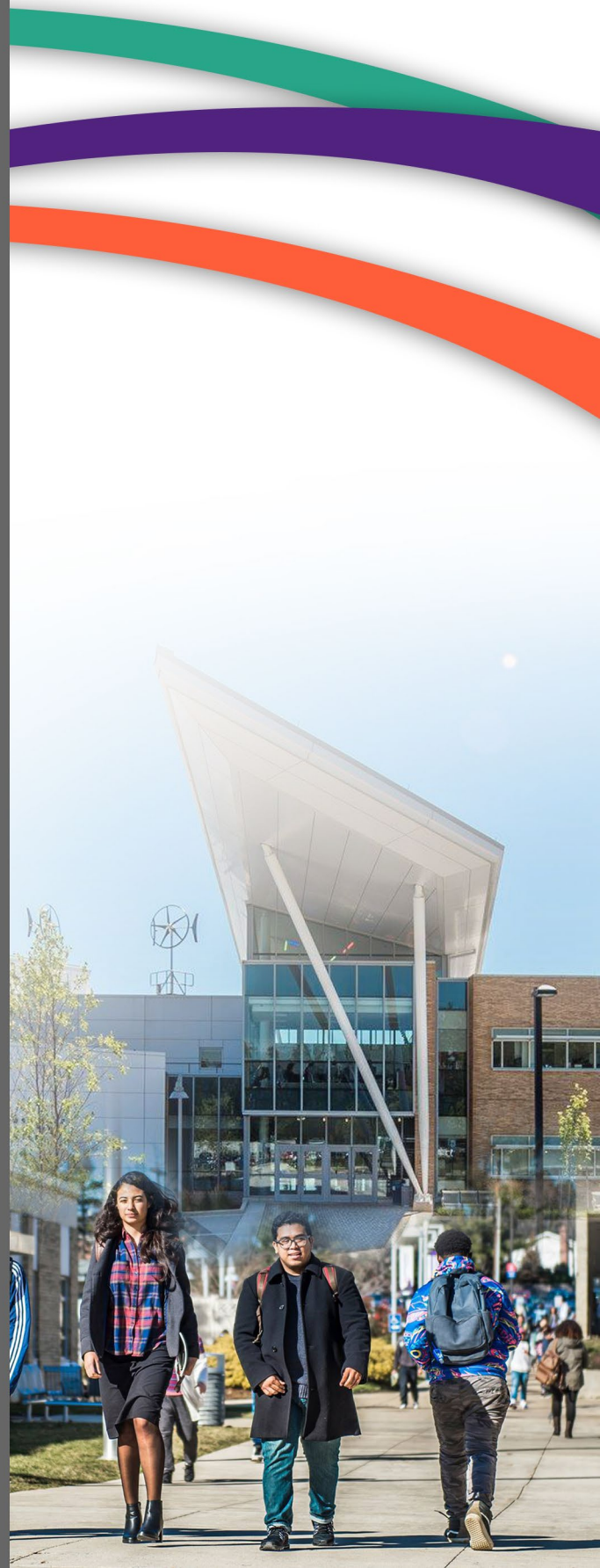


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1.0 Introduction and Location Overview

Introduction

The Americans with Disabilities Act (ADA) of 1990 is a civil rights statute that prohibits discrimination against people with disabilities. The ADA states that designing and constructing facilities for public use that are not accessible to people with disabilities could constitute discrimination. The ADA applies to all facilities, including those built before and after 1990, and public entities are required to perform a self-evaluation of their infrastructure and identify all barriers to accessibility. An ADA Transition Plan shall then be developed to address all ADA related deficiencies.

The ADA Transition Plan is intended to achieve the following:

- Identify physical barriers that limit the accessibility of the facility to individuals with disabilities,
- Describe the methods to be used to make the facility accessible,
- Provide a schedule for removing the barriers to accessibility, and
- Identify the name of the official responsible for the plan's implementation.

To improve access, safety, and accessibility of Montgomery College students, staff and employees with disabilities, the College is conducting an ADA Self-Evaluation and developing an ADA Transition Plan. This will include a thorough assessment of College facilities and campus grounds, as well as a review of policies, programs, and activities. To ensure that the College facilities are accessible for persons with disabilities, Benesch's review includes facility parking, entrances, and exits, accessible routes, curb ramps, handrails, existing indoor and outdoor facilities, doors, restrooms, signage, as well as other amenities.

This report documents the assessment and includes a comprehensive inventory of the Humanities building and identifies and prioritizes improvements to address deficiencies. Information relating to the accessibility of this facility has been collected. The purpose of these data is to improve staff understanding of accessibility issues pertaining to the ADA, the Maryland Building Performance Standards (MBPS) and the Code of Maryland Regulations (COMAR) requirements—specifically, how these regulations relate to individual facilities and how to identify elements and facilities that are in compliance with the ADA and those that are not. This document serves as the ADA Transition Plan's summary report outlining the development of the facility inventory and database of the barriers to accessibility and the prioritization/phasing plan of the improvements. A separate appendix document has been prepared that includes a detailed summary of each violation and recommendation.

Location Overview

The Gordan and Marilyn Macklin Tower (MT) is a total of 117,282 square feet building that was originally constructed in 1971 and was renovated in 2006. The facility is located on the west side of Rockville Campus, off West Campus Drive, adjacent to Science Center West. MT is home to one of Montgomery College's libraries and the business institute.



Figure 1-1 Photo of The Gordan and Marilyn Macklin Tower
(Source: Google Maps)

2.0 Deficiencies and Recommendations

Assessment Process

A walk-thru and assessment of building elements for compliance with applicable accessibility standards was conducted on March 18, 2021, and July 13, 2023, by a Benesch team member, certified by the International Code Council as Accessibility Inspectors/Plans Examiner (AI/PE).

The facility survey addressed each accessible element and space within and external to the facility and included applicable elements such as facility entrances/exits, parking, sidewalks, accessible routes, curb ramps, handrails, signage, existing indoor and outdoor facilities, doors, restrooms, and all other elements covered by the Americans with Disabilities Act Accessibility Guidelines (ADAAG), COMAR and MBPS.

The survey included physical measurements and counts for components or systems. Survey findings were collected and recorded on Benesch's custom Android-based ADA compliance checklist application using a digital tablet. Photos were taken with the tablet of each area of the facility for familiarization and were later referenced to illustrate deficiency findings. A smart-level, measuring wheel, and a tape measure were used to evaluate physical features.

The digital data and photos were then uploaded to a database on Benesch's secure servers for backup. Where appropriate, photos are included in this Accessibility Assessment Report (AAR), as shown in Appendix A, to illustrate issues or deficiencies. The facility survey consisted of non-intrusive visual observations, which allowed for a readily-accessible and easily-visible components and systems assessment of the facility, which included measurements of space and clearance dimensions, slope, walkway widths, reach ranges, maneuverability measurements, etc.

General

The use and occupancy of the Humanities building dictates egress and accessible route requirements consistent with ADAAG regulations. Because the general public regularly accesses the facility, and in the interest of establishing an accessibility compliance baseline condition report of the facility, a full accessibility assessment was conducted. Where deficiencies in compliance with ADAAG, COMAR or MBPS exist, descriptions of the deficiency, regulatory requirement(s) pertinent to the deficiency, a photo showing the deficient element, and recommendations for remediation of the deficiency are shown in Appendix A.

The following sections generally describe and illustrate common barriers to accessibility found throughout the facility and described in detail in Appendix A.

Accessible Routes

Interior Accessible Routes

The requirements listed below also apply to all internal accessible routes used by the public as they navigate the internal corridors of the building, as described in §301 and §401 of the 2010 ADA Standards for Accessible Design.

Standards:

- The surface must be firm, stable, and slip resistant (wet or dry).
- Shall be a 36" minimum wide continuous unobstructed path.
 - The accessible route is allowed to decrease to a width of 32" for a maximum distance of 24", as shown in Figure 2-1.
- Shall have 60"x60" passing spaces at 200' intervals minimum.
- The running slope (parallel to direction of travel) must be equal to or less than 5% (>5% = ramp) for an accessible route. However, a sidewalk is permitted to have a running slope greater than 5% if it follows the slope of the adjacent roadway.
- The cross slope (perpendicular to direction of travel) must be less than or equal to 2%.
- Changes in level between 1/4" and 1/2" must be beveled at 1:2 slope.
- Changes in level greater than 1/2" are not allowed or must be ramped (beveled at a 45-degree slope).
- Gaps in gratings must be no greater than 1/2" wide and openings must be aligned perpendicular to travel.
- Objects with edges between 27" and 80" above the floor are considered protruding objects, as shown in Figure 2-2, if their edges protrude more than 4" horizontally into the circulation path.

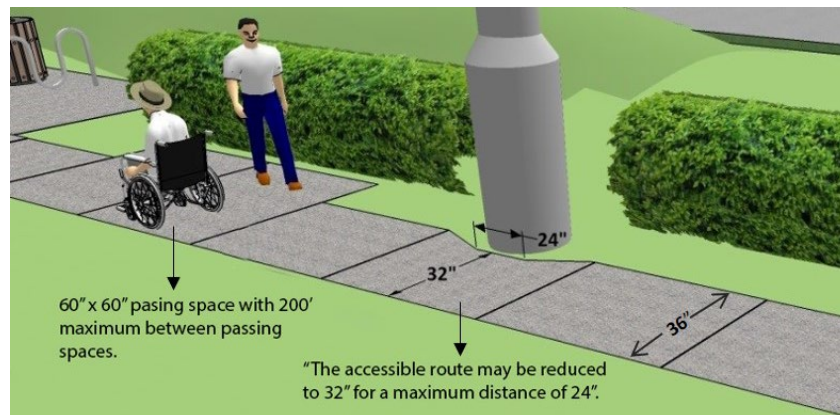


Figure 2-1 Accessible Route Standards Diagram

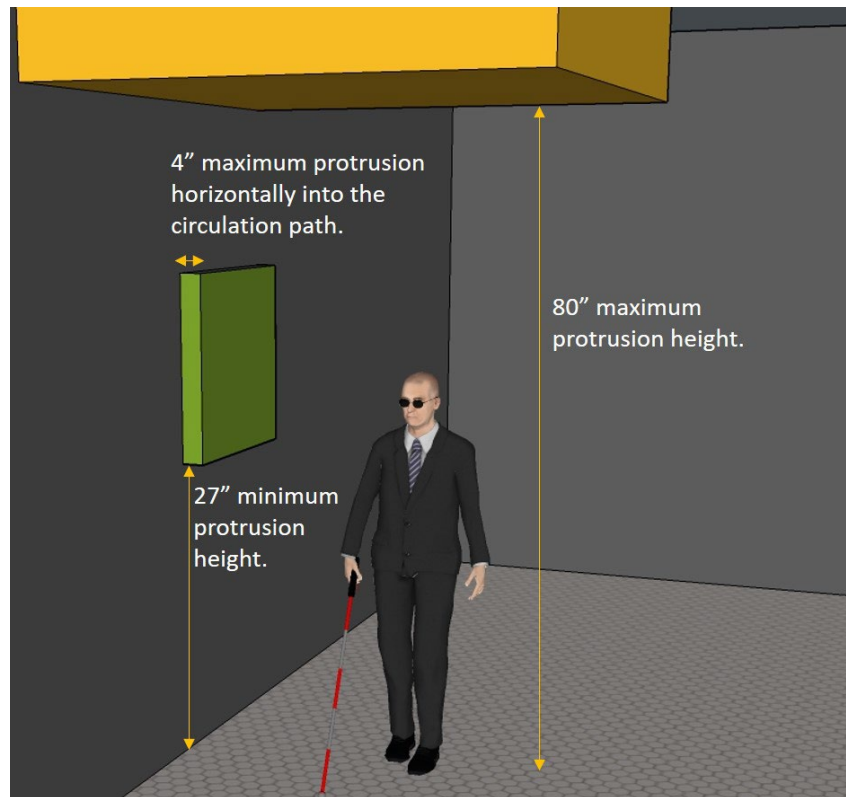


Figure 2-2 Protruding Objects

Ramps

The requirements for a ramp are more stringent than those of an accessible route, as listed in §405 of the 2010 ADA Standards for Accessible Design and described below.

Standards:

- Shall have a minimum of a 36" wide continuous unobstructed path.
- The running slope (parallel to direction of travel) must not be steeper than 8.3%.
- The cross slope (perpendicular to direction of travel) must be 2% or less.
- The rise shall be 30" maximum.
- Landings must be located at the top and bottom of all ramp runs and must be a minimum of 60" long and at least the width of the ramp.
 - Ramps that do not have level landings at changes in direction can create a compound slope. Curvilinear ramps continually change direction and cannot, by their nature, meet the requirements for accessible routes.
- Ramp runs with a rise greater than 6" shall have handrails and edge protection.

Handrails

Handrails along ramps and stairs shall comply with §405.8 and §505 of the 2010 ADA Standards for Accessible Design.

Standards:

- Handrails must be provided along ramps and stairs. Where handrails are required, they must be installed on both sides of the ramp or stairs.
- Handrail gripping surfaces shall be installed at a height of 34" minimum and 38" maximum above the walking surface, stair nosing, and ramp surface.
- The clearance between handrail and adjacent surface shall be 1 ½" minimum.
- Ramp handrails shall extend 12" minimum beyond the top and bottom of ramp runs. Extensions shall be continuous and return to a wall or be continuous to the handrail of an adjacent ramp run.
- At the top of the stairs, handrails shall extend horizontally 12" minimum directly above the stair riser and shall return to the wall or guard, as shown in Figure 2-3.
- At the bottom of the stairs, handrails shall extend a distance at least equal to one tread depth beyond the last riser and return to the wall or guard, as shown in Figure 2-3.

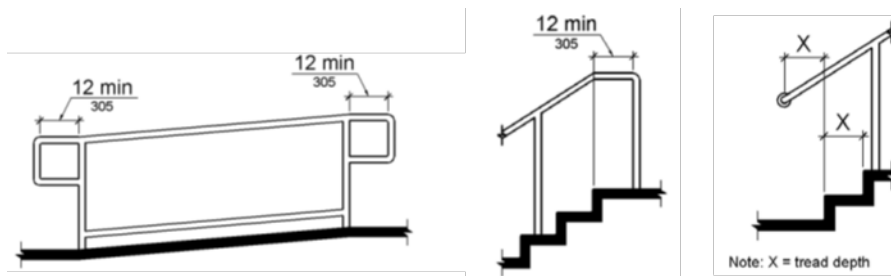


Figure 2-3 Handrails

Doors and Doorways

Doors and doorways that are part of accessible routes and shall comply with §404 of the 2010 ADA Standards for Accessible Design.

Standards:

- Sixty percent (60%) of all public entrances shall be accessible. Directional signs shall be provided to guide users to the nearest accessible means of egress.
- Accessible doors shall have a clear width of 32" minimum measured between the face of the door and the stop.
- If thresholds are provided, they shall be ½" high maximum.
- The distance between two doors in series shall be 48" minimum plus the width of the door swinging into the space.
- The maneuvering clearance varies depending on type of door and direction of approach. The most commonly used door with a front approach, requiring the user to pull to it, shall have a 60" maneuvering clearance perpendicular to doorway and 18" parallel to doorway, as shown in Figure 2-4.
- Operable parts such as door handles, pulls, latches and locks shall be located 34" minimum and 48" maximum above the floor.
- The door closing speed from a 90-degree open position to 12 degrees shall be 5 seconds minimum.

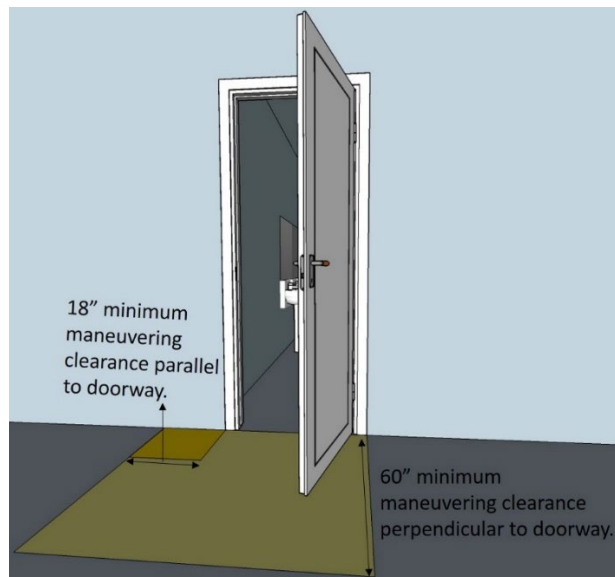


Figure 2-4 Accessible Maneuvering Clearance at Doorway

Amenities

Reach Range

Reach range standards, as described below and shown in Figures 2.6, 2.7, and 2.8, were used to determine if an amenity can be accessed by a person in a wheelchair. Reach range requirements shall comply with §308 of the 2010 ADA Standards for Accessible Design.

Standards:

- A level, 30"x48", firm, stable, and slip-resistant clear floor space must be present adjacent to the amenity.
- Forward Approach:
 - The unobstructed minimum vertical reach range is 15" and maximum is 48" above the floor, as shown in Figure 2.5.
 - The obstructed reach range is 48" maximum above the floor if the horizontal obstruction depth is 20" maximum, and 44" maximum if the horizontal depth is between 20"-25", as shown in Figure 2.6.
- Side Approach:
 - The unobstructed side reach range is 15" minimum and 48" maximum above the floor. These same dimensions are permitted where an obstruction depth is 10" maximum, as shown in Figure 2.7.
 - Where the side reach is over an obstruction, the height of the obstruction is 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.

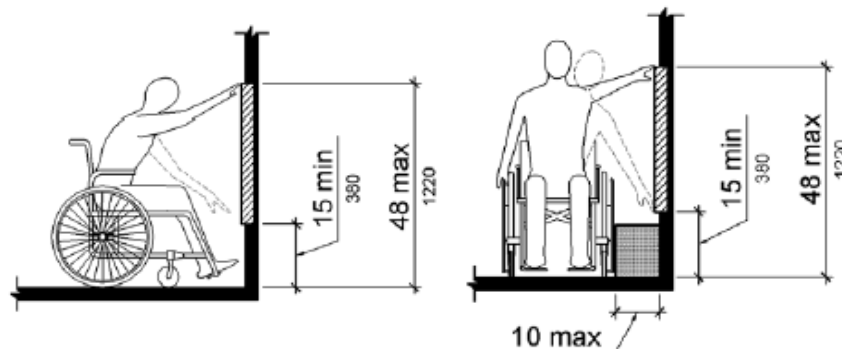


Figure 2-5 Unobstructed Reach Range

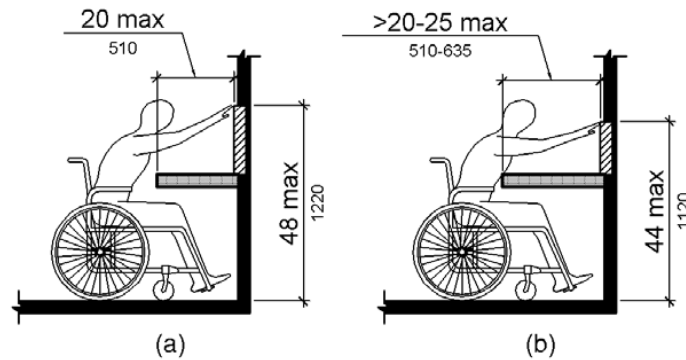


Figure 2-6 Obstructed Reach Range

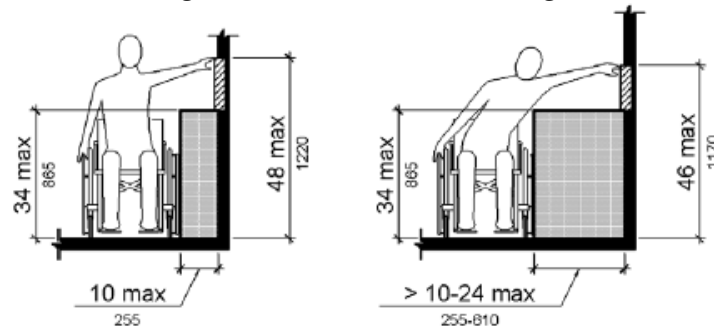


Figure 2-7 Side Obstructed Reach Range

Care should always be taken when designing or improving an accessible route within a building to keep the path free of obstructions. Amenities such as benches, garbage cans, and drinking fountains must be placed to not interfere with the accessible path but, at the same time, must be located on an accessible route, within reach range, and not act as a protruding object. Not only can these obstructions prevent visitors from accessing and using the amenities, but they can also present a potential safety concern.

It should be stressed that amenities that are located off the accessible path are considered inaccessible. For items to be accessible, they must be located on, adjacent to, or within reach of a firm, stable, and slip-resistant surface, as shown in Figure 2.8.



Figure 2-8 Accessible Garbage Can

To help clear existing accessible paths from obstructions and to identify those features that are currently inaccessible, data on infrastructure were collected in the field to determine if they present an obstruction or are inaccessible. Based on the data collected, the difficulty level of remediating a barrier to accessibility could range from moving a bench to an accessible location to designing and installing a new accessible route to an amenity.

Drinking Fountains

Drinking fountains, like all amenities, must be accessible, as described in §602 of the 2010 ADA Standards for Accessible Design.

Standards:

- Drinking fountains shall be connected to an accessible route.
- The clear floor space, positioned for a forward approach, adjacent to the drinking fountain shall:
 - Be a minimum of 30"x48" in size.
 - Not have any slope greater than 2%.
 - Have a firm, stable, and slip resistant surface.
- Where drinking fountains are provided, there shall be at least two.
 - For a low fountain, the waterspout height shall be 36" maximum above the floor.
 - For standing persons, the waterspout height shall be 38" minimum and 43" maximum above the floor.
- The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit.

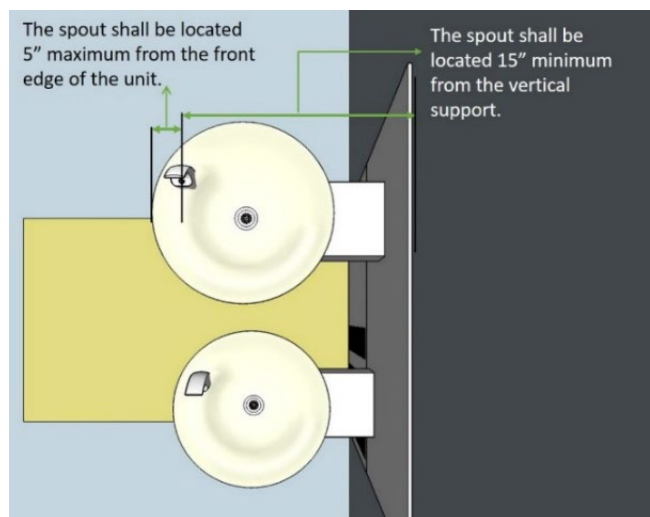


Figure 2-9 Drinking Fountain Location

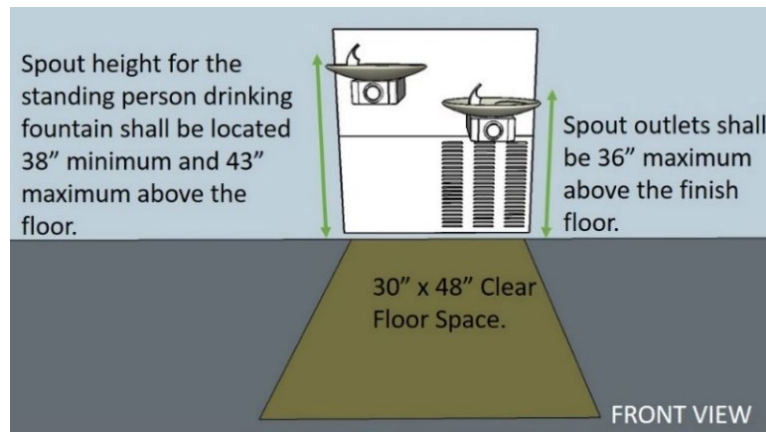


Figure 2-10 Drinking Fountain Specifications

Service Counters

Service and sales counters, like all amenities, must be accessible, as described in §904.4 of the 2010 ADA Standards for Accessible Design.

Standards:

- The accessible portion of the countertop shall extend the same depth as the sales or service countertop.
- For a parallel approach, a portion of the counter surface that is 36" long minimum and 36" high maximum above the finish floor shall be provided.
 - A clear floor or ground space complying with §305 shall be positioned for a parallel approach adjacent to the 36" minimum length of counter.
- For a forward approach, a portion of the counter surface that is 30" long minimum and 36" high maximum shall be provided.
 - Knee and toe clearance shall be provided under the counter.
 - Toe clearance shall extend a minimum of 17" to a maximum of 25" under the counter.
 - The clearance under the element shall be 9".
 - Knee clearance shall extend a minimum of 11" to a maximum of 25" under an element at 9" above the floor.
 - A clear floor or ground space complying with §305 shall be positioned for a forward approach to the counter.

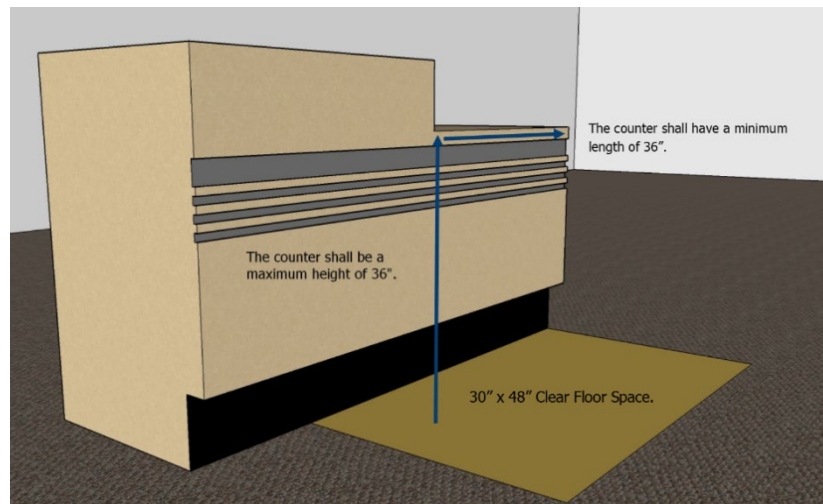


Figure 2-11 Parallel Approach Service Counter

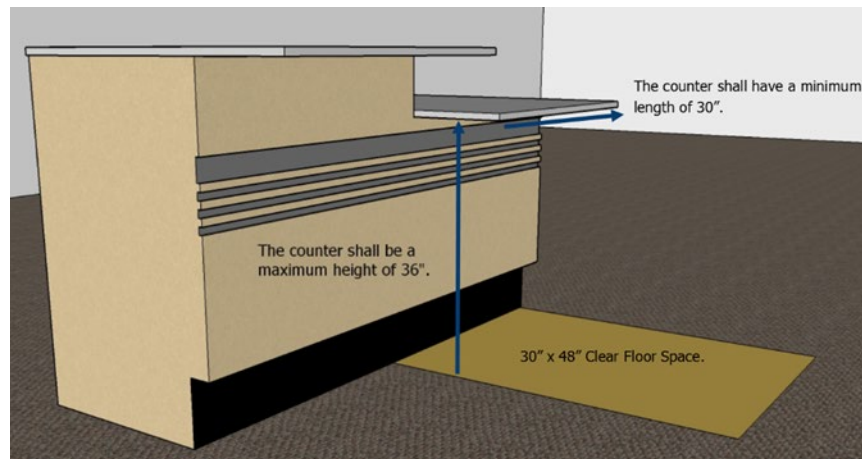


Figure 2-12 Forward Approach Service Counter

Dining and Work Surfaces

Dining and work surfaces must be accessible as described in §902 of the 2010 ADA Standards for Accessible Design.

Standards:

- Clear floor space complying with §305 positioned for a forward approach shall be provided.
- The tops of dining surfaces and work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground.
- Accessible dining surfaces and work surfaces for children's use shall comply with §902.4.



Counter Height: 34" maximum
height above the finish floor.

Figure 2-13 Accessible Dining and Work Surface

Restrooms and Locker Rooms

Toilet Compartments

Restrooms are not required by the ADA. However, if provided, then accessible restrooms must also be available per §604 of the 2010 ADA Standards for Accessible Design.

Standards:

- Toilet compartment:
 - The toilet compartment shall be 56" minimum measured from the back wall and 60" minimum measured from the side wall for wall hung water closets.
 - The toilet shall be located 16" minimum to 18" maximum from the sidewall for wheelchair accessible stalls, as shown in Figure 2-14.
 - Seat heights shall be 17" minimum to 19" maximum above the floor.
 - A 60" wide turning space shall be provided within the room. Turning space, clear floor space, and clearance at fixtures shall be permitted to overlap. Doors shall be permitted to swing into the turning space but shall not swing into the clear floor space or clearance at fixtures.
 - Flush controls shall be hand-operated or automatic. Flush controls shall be located on the open side of the toilet.
- Urinals shall be installed at a maximum height of 17" above the floor and a minimum depth of 13 ½" measured from the outer surface of the urinal to the back wall.

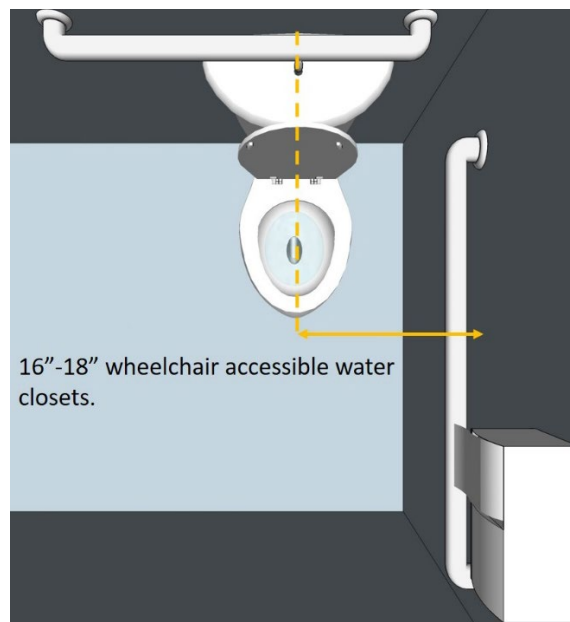


Figure 2-14 Toilet Location

Toilet Paper Dispenser

Issues with toilet paper dispenser placement must comply with §604.7 of the 2010 ADA Standards for Accessible Design, as described below:

Standards:

- Dispensers shall be installed at a height of 7" minimum to 9" maximum in front of the toilet measured to the centerline of the dispenser.
- The outlet shall be within the reach range of 15" minimum and 48" maximum above the floor.
- The toilet paper dispenser shall not be located behind grab bars.
- There shall be a 1 ½" minimum clearance below the grab bar. Dispensers shall not be the type that controls delivery or that does not allow continuous paper flow.

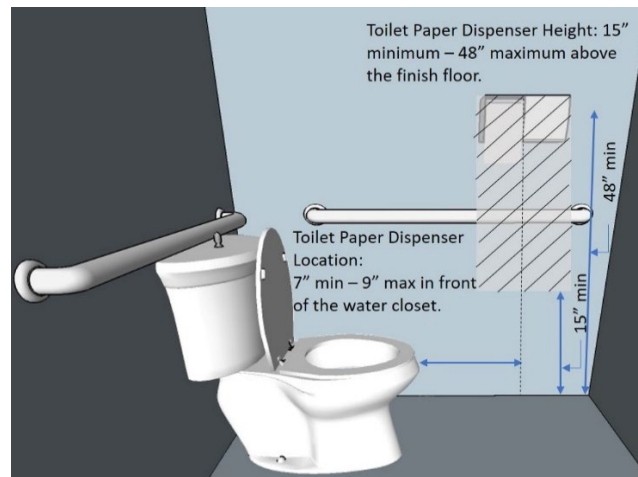


Figure 2-15 Toilet Paper Dispenser

Grab Bars

Grab bars in restrooms must comply with §604.5 of the 2010 ADA Standards for Accessible Design.

Standards:

- Toilet compartment:
 - The sidewall grab bar shall be 42" long minimum, installed at 12" maximum from the back wall.
 - The back-wall grab bar shall be 36" long minimum and extend 12" minimum from the centerline of the toilet on one side and 24" minimum on the other side.
 - The top gripping surface of the grab bars must be 33" minimum and 36" maximum above the floor.

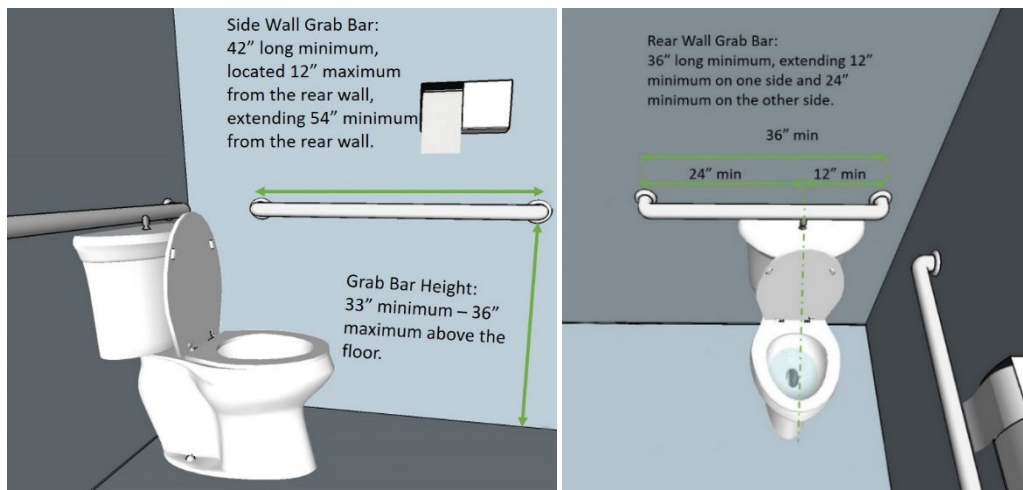


Figure 2-16 Grab Bars

Sink and Mirror

Standards:

- Sinks shall be installed at a maximum height of 34" above the floor.
 - Pipes shall be insulated and configured to prevent contact.
- Mirrors located above sinks shall be installed at a maximum height of 40" above the floor, measured at the bottom of the reflecting surface.
- Coat hooks and shelves shall be located at a minimum reach range of 15" and maximum 48" above the floor.
 - Shelves shall be located 40" minimum and 48" maximum above the floor.

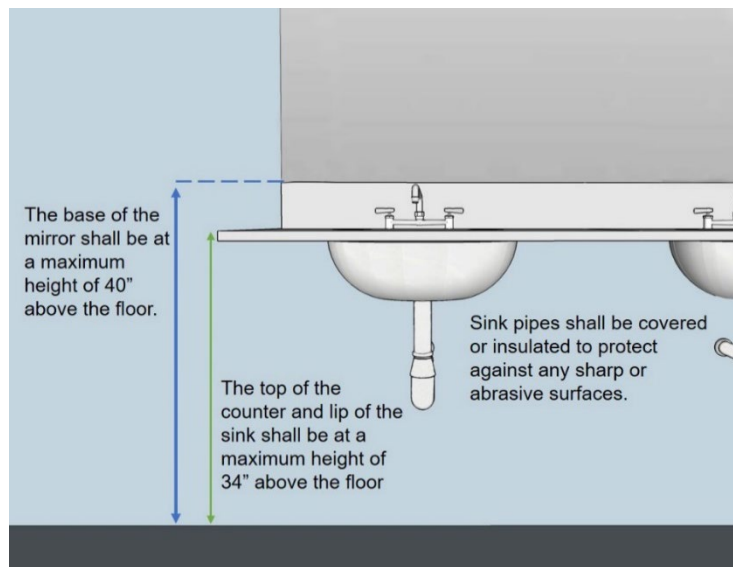


Figure 2-17 Bathroom Sink and Mirror

Room Signage

Signs are required to designate permanent rooms and places, per §701 of the 2010 ADA Standards for Accessible Design. In addition, exit doors must be identified by tactile (raised characters and Braille) signs.

Standards:

- Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side.
- Signs containing tactile characters shall be located so that a clear floor space of 18" by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing.
- Signs shall be installed 48" minimum above the floor, measured from the lowest character, and 60" maximum above the floor measured from the highest character.
- Signage characters and their background shall have a non-glare finish. The characters shall be high contrast compared to their background.

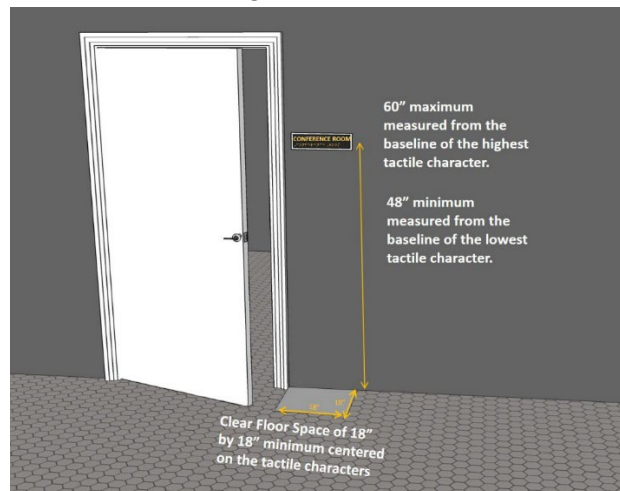


Figure 2-18 Room Signage

3.0 Prioritization

The barriers to accessibility were prioritized on a 10-point scale, as defined in Table 3.1. This prioritization methodology has been developed by Benesch to assist Montgomery College in determining how the barriers to accessibility can be prioritized based on the severity of the non-compliant item, the existing level of accessibility, and the basic level of accessibility each remediated item will provide.

Priority	Criteria
High	1 Major safety issues (dangerously steep slopes, large protruding objects, etc.)
	2 - New construction built out of compliance - Older construction severely out of compliance (accessible routes, ramps, etc.) - Alterations that did not bring required elements into compliance
	3 - Non-compliant accessible route from parking to building entrances (bad slopes, gravel surface, etc.) - No accessible route to adjacent sidewalk system, when provided - No accessible restroom stalls - No accessible parking, insufficient number of spaces, or severely non-compliant parking (bad slopes, gravel surface, extremely narrow, etc.) - Severely non-compliant accessible route (structural solution) - No tactile signage identifying exits and permanent rooms
	4 - Non-compliant parking (structural solution) - Non-compliant counter heights (break room, multipurpose rooms) - No directional signage provided to accessible amenity (interior and exterior) - No detectable warnings present at curb ramps
Medium	5 - Non-compliant exterior or interior door clearances (width issues, protruding objects) - Protruding objects obstructing clear pathway (fire extinguishers, AED units) - Non-compliant restroom amenities (sink, water closet, urinal, mirror) - Non-compliant public access spaces (conference rooms, classrooms)
	6 - No accessible drinking fountains (missing a high or low fountain) - Non-compliant door hardware (doorknob that requires twisting or pinching) - Non-compliant showers/changing areas (locker rooms)
	7 - Non-compliant amenities (picnic tables, benches, vending machines, etc.) - Accessible route with moderate access issues (level changes that can be ground down) - Non-compliant detectable warnings at curb ramps (high contrast, inadequate length)
Low	8 - Non-compliant reach ranges (vending machines, garbage cans, AED units) - Non-compliant tactile signage at doorways or elevators (height, placement) - Accessible seating is not integrated, on a minor sloped area, or inaccessible
	9 Non-compliant parking (faded striping, signage)
	10 - Minor level changes, gaps, or cracks in accessible route - Non-compliant drinking fountains

Table 3-1 Prioritization Designations

4.0 Implementation and Financial Plan

As identified in Appendix A, improvements required to bring facilities into full compliance were identified. The next step in the process is the development of an Implementation and Financial Plan for improvements. This was undertaken through the following efforts:

- Preparing cost estimates for the required improvements
- Reviewing the specific improvements in more detail and categorizing them into two separate groups:
 - Short-term (quick fix) improvements
 - Long-term improvements that require more time, effort, and/or funding

Development of Costs

For the Implementation and Financial Plan, unit costs for each type of improvement were developed. These unit costs were based on local and state data, recent experiences with other agencies and, when available, standard industry costs when local data were not available. **It is important to note that the unit costs include across-the-board assumptions that will need to be reviewed prior to the actual improvement being completed.**

Table 4.1 provides a summary of the total improvement costs, based on their associated priority, as well as the total estimate of probable cost by improvement type. Note that the costs included in the table are planning-level estimates; once the projects progress through design, the actual construction opinions of cost will become more refined.

It should be noted that the estimates are intended to reflect the order-of-magnitude costs for the College's overall facility improvement needs over the timeframe of the plan; for specific projects nearing implementation, it may be necessary for the College to conduct a more detailed cost assessment.

Category	Estimate of Cost
High	\$34,350
Medium	\$79,000
Low	\$20,300
Total	\$133,650
<i>Quick-Fixes</i>	<i>\$47,850</i>

Table 4-1 Cost Summary

Implementation Plan

The Implementation and Financial Plan was developed to identify when the improvements should occur based on the relative priority of the improvements and anticipated level of funding that will be available to address them.

It would be ideal if the College could take advantage of “piggybacking” needed improvements with other planned facility improvement and renovation projects. This would permit the College to benefit either because the project directly addresses some or all the needed improvements or the project allows the College to reduce its improvement costs due to concurrent construction activities. The amount of implementation costs that could potentially be saved by completing the improvements concurrent with planned projects is not known at this time. Therefore, potential cost savings through fund leveraging are not included in the Implementation and Financial Plan at this time. In the future, should the College desire to estimate the amount of costs that could be reduced through fund leveraging, the cost of the improvements for those impacted improvements may be adjusted.

To develop the initial plan, as listed in Appendix A, the list of improvements was sorted by priority. Quick-fix items were assumed to be completed within the current year. High priority items were generally planned to be completed the following year, followed by Medium and Low priority items. However, it should be noted that some of these items will also get fixed in the short-term by the contractor before the College officially takes ownership of the facility.

It should be stressed that the Implementation and Financial Plan serves as a general guide for the planning of improvements and that several factors will influence the timing for implementation of specific improvements and the overall cost of the program, including:

- Opportunities for partnering with other agencies or organizations on implementing improvements.
- Specific site conditions at individual locations, including landscaping, utilities, drainage, which can have a significant impact on the type of improvements required and the associated cost.
- Contracting opportunities, including awarding a unit price contract for the implementation of improvements at multiple locations.
- Additional opportunities to relocate or consolidate individual amenities.

On an annual basis, the College’s ADA Coordinating team will supervise the revisions to the ADA Transition Plan and the list of needed improvements will be reviewed against the funding that is available that year to develop a specific work program. As previously mentioned, this will involve development of more detailed cost estimates based on a review of site conditions at individual locations.

Appendix A presents an example of the phased implementation plan by listing the improvements and their proposed priority and associated probable costs. It should be stressed that the costs are good faith estimates of probable cost, with the ultimate costs dependent upon how the work is undertaken, site conditions at individual locations, and material and labor prices in future years. The number of items that are consolidated, modified, relocated, or removed will also be an important variable, as will be the amount of work that will be the responsibility of other entities.

Due to the unknown level of funding currently available for accessibility improvements, current renovation schedule, and the completion of the quick-fix improvement list, the items recommended for improvement for each year of the program are not necessarily the highest-ranking items on the priority list. However, as the improvement program progresses, high-ranking items that were not initially improved should be included in future years.

It should be noted that the prioritization rankings/implementation plan is just a guide. The number of items improved each year and the specific locations chosen for improvement may vary due to factors such as actual costs of the improvement. As such, the improvements will need to be reviewed and a work program developed specifying the improvements that will be undertaken on an annual basis. The improvements would be undertaken through task orders. It is envisioned that the effort could focus on implementation of improvements within specific sections of the building or would occur with groups of similar improvements throughout campuses both of which could enable improvements to be implemented more quickly.

It should be stressed that this plan is presented as an overall guide to the implementation of improvements. College staff will need to review the needed improvements and the available funding on an annual basis to develop the annual improvement program.

Montgomery College

ROCKVILLE CAMPUS

GORDAN AND MARILYN

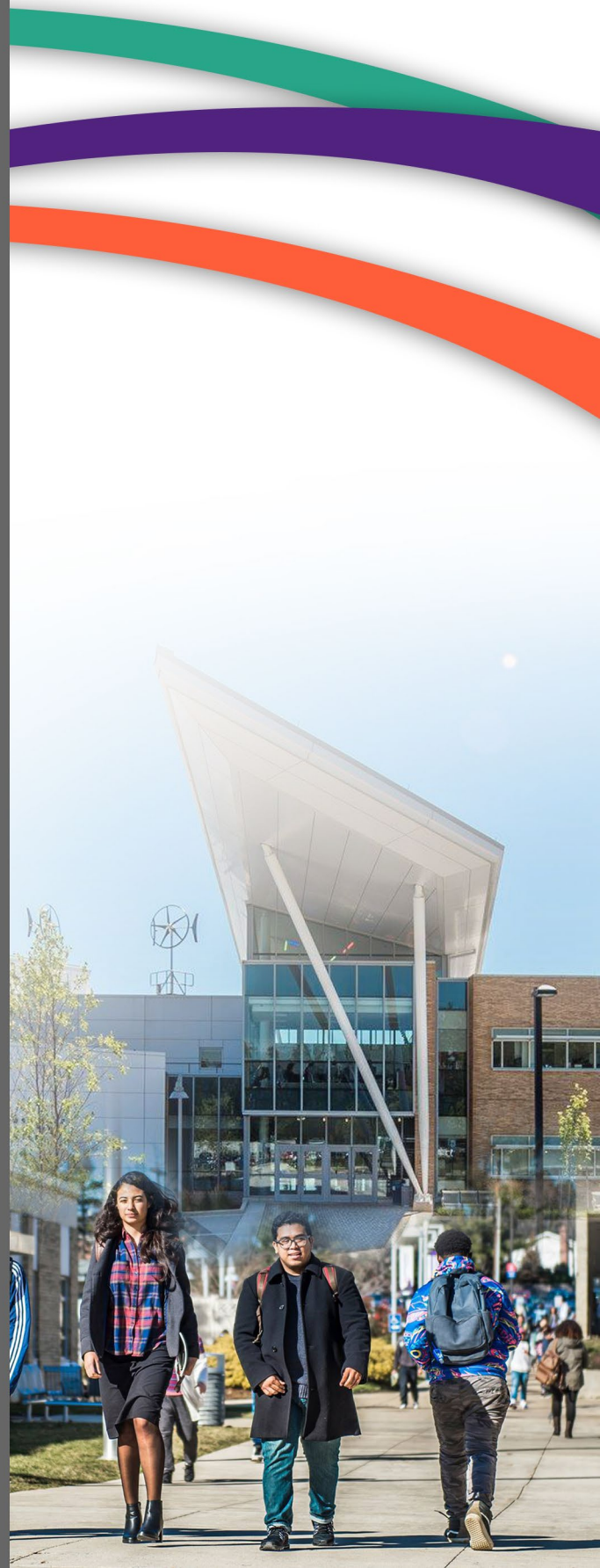
MACKLIN TOWER

Draft Report #T021-MC022

FP# 20-065

09.26.2023

Prepared by





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 201A, 202B, 202A, and 202C-E

Schedule: 2023

Estimated Cost \$600.00

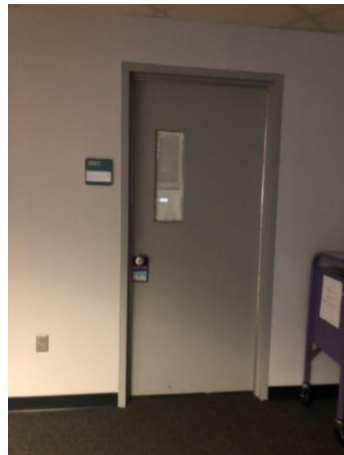
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knobs require twisting of the wrist.

RECOMMENDATIONS

Replace the door knobs with lever handles that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 301A, 304A, and 304B

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knobs require twisting of the wrist.

RECOMMENDATIONS

Replace the door knobs with lever handles that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 301C and 301B

Schedule: 2023

Estimated Cost \$200.00

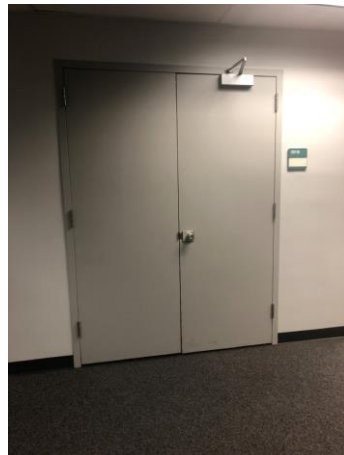
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knobs require twisting of the wrist.

RECOMMENDATIONS

Replace the door knobs with lever handles that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305C-E - Offices

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knobs require twisting of the wrist.

RECOMMENDATIONS

Replace the door knobs with lever handles that can be operated with a closed fist and without the twisting the wrist.



ID:
3236

Facility:
MT

Campus:
Rockville

Priority Score 6



Quick Fix: Yes

Built before ADA: Yes

Location: Room 306B - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 203A - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirrors are too high to be accessible.

RECOMMENDATIONS

Lower the mirrors so the bottom edges are a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 203B - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirrors are too high to be accessible.

RECOMMENDATIONS

Lower the mirrors so the bottom edges are a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305A - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirrors are too high to be accessible.

RECOMMENDATIONS

Lower the mirrors so that the bottom edges are a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §606.5

The pipes under the sink are not covered.

RECOMMENDATIONS

Wrap the pipes beneath the sink with soft protective wrap or plastic.





Location: Room 201 - Mechanical Stair 5

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

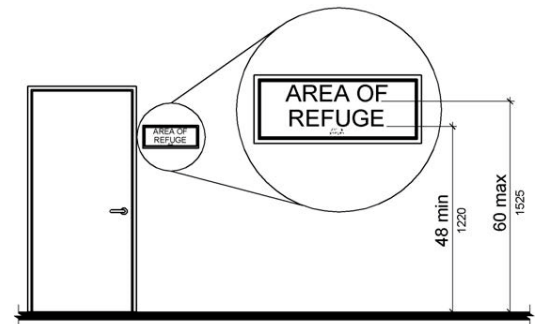
2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 301 - Library

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

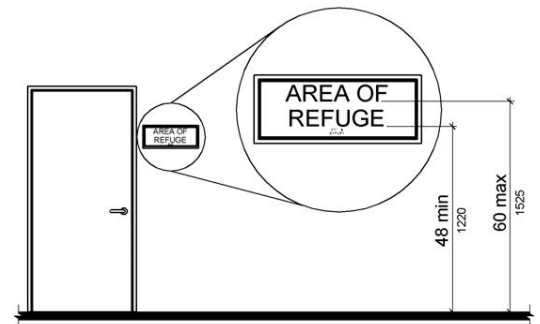
2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes
Built before ADA: Yes

Location: Stair 4

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

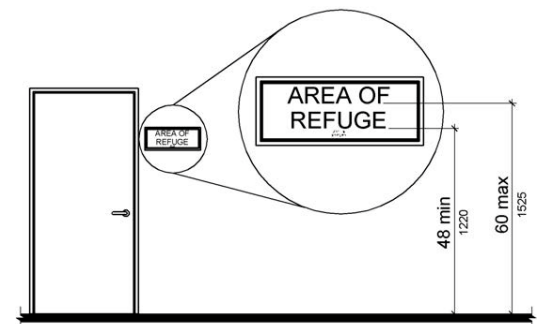
2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Stair 3 & 4

Schedule: 2023

Estimated Cost \$100.00

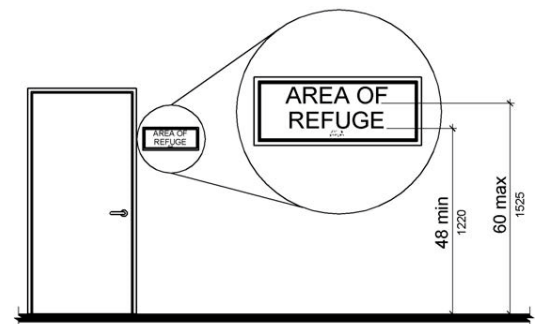
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors. Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the





Quick Fix: Yes

Built before ADA: Yes

Location: Room 202A - Mechanical

Schedule: 2023

Estimated Cost \$100.00

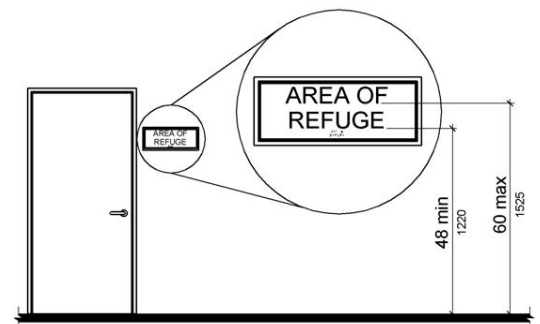
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Quick Fix: No

Built before ADA: Yes

Location: Rooms 202C-E, 226, 201A, 202B, and 202A

Schedule: 2025

Estimated Cost \$700.00

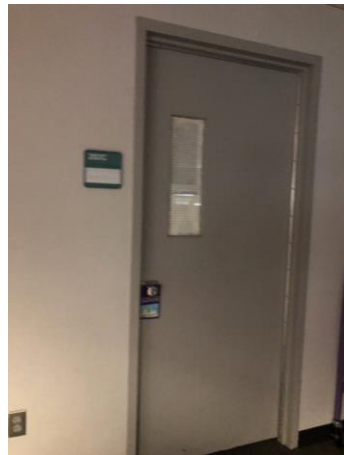
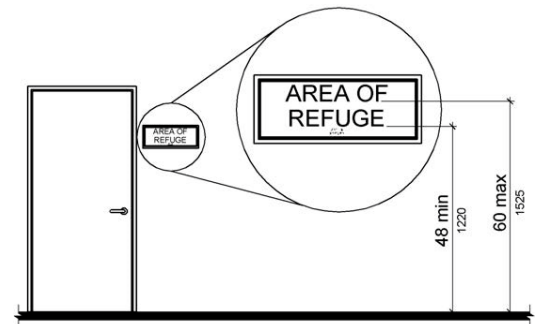
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 203A - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

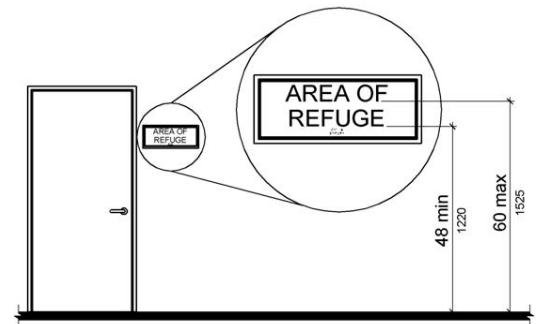
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number. Signs shall be Braille with raised lettering and should be plac





Quick Fix: Yes
Built before ADA: Yes

Location: Room 203B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

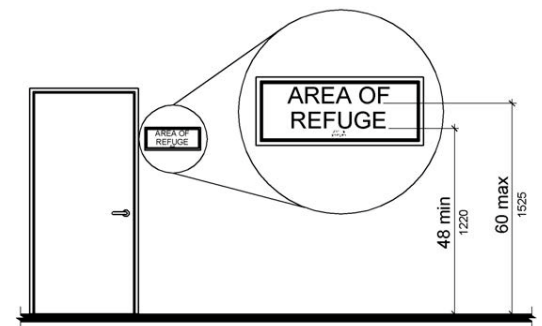
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 209C

Schedule: 2023

Estimated Cost \$100.00

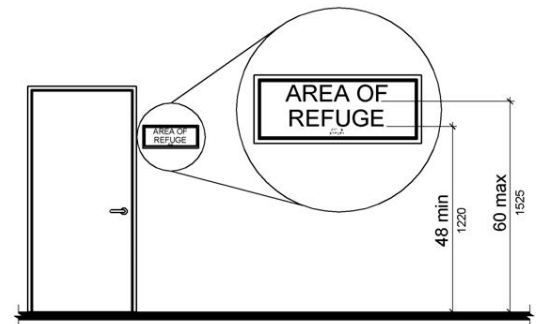
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Location: Rooms 214A-B - Offices

Schedule: 2023

Estimated Cost \$200.00

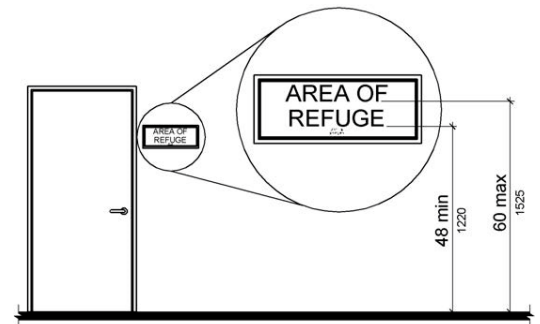
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct locations at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 218A-G - Offices

Schedule: 2023

Estimated Cost \$700.00

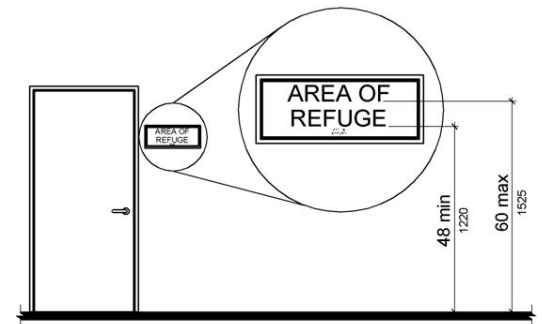
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 218H-I - Offices

Schedule: 2023

Estimated Cost \$200.00

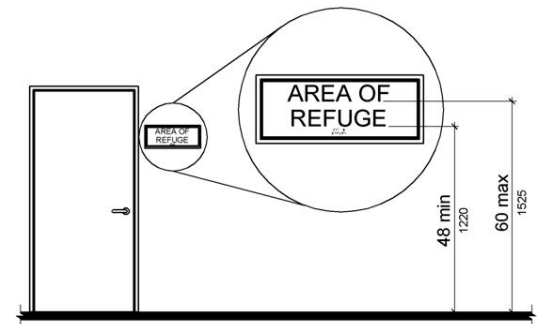
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct locations.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 227A, 218, 212G, 216, 215A, and 214

Schedule: 2023

Estimated Cost \$600.00

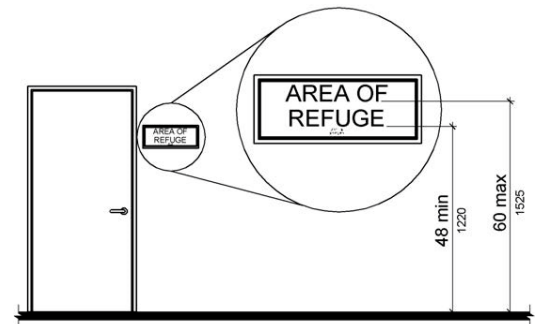
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227D - Telephone

Schedule: 2023

Estimated Cost \$100.00

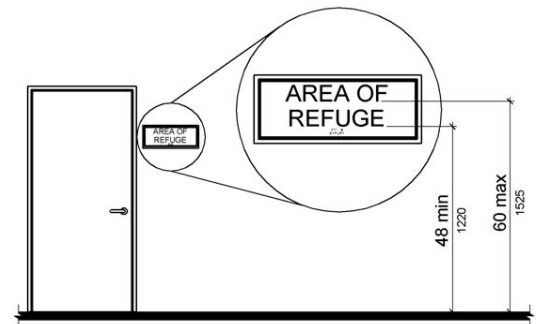
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 301B - Mechanical

Schedule: 2023

Estimated Cost \$100.00

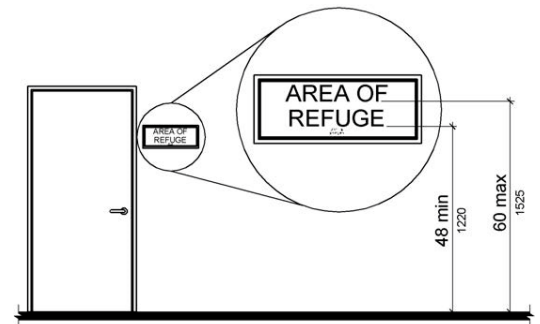
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 301C - Electric

Schedule: 2023

Estimated Cost \$100.00

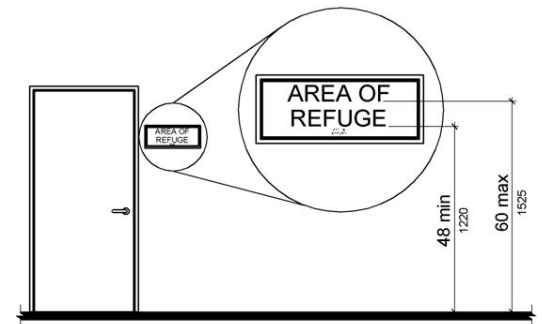
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

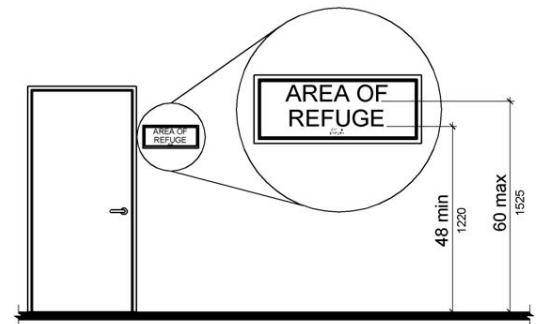
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 303A - Telephone

Schedule: 2023

Estimated Cost \$100.00

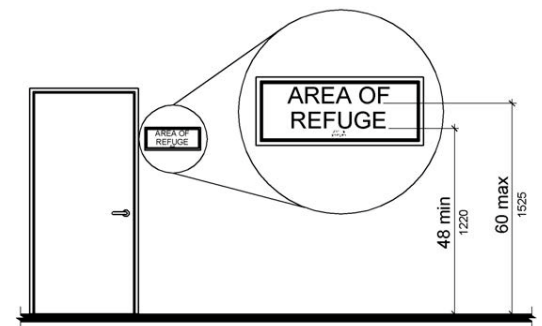
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 303H - Office

Schedule: 2023

Estimated Cost \$100.00

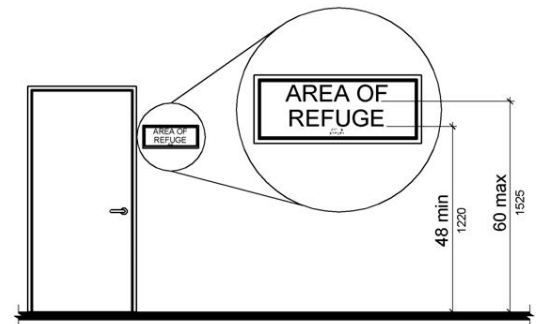
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Location: Room 303J - Office

Schedule: 2023

Estimated Cost \$100.00

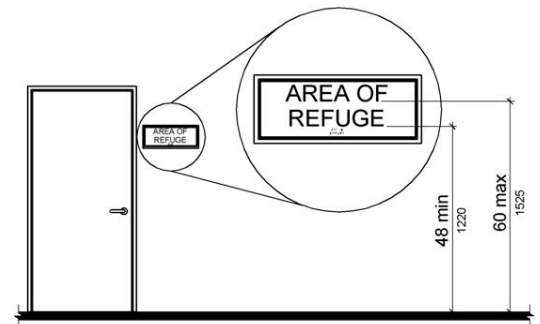
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 303N - Office

Schedule: 2023

Estimated Cost \$100.00

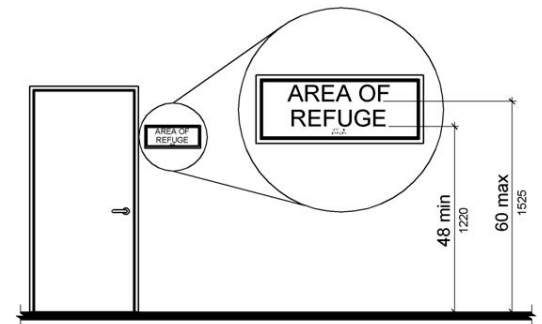
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: 3rd Floor - Corridor

Schedule: 2023

Estimated Cost \$700.00

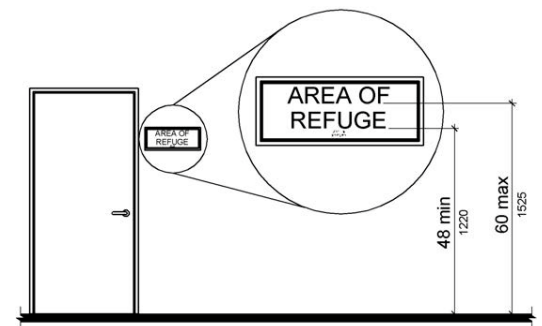
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor. Rooms 302A, 303B, 303C, 303D, 303E, 303F, and 303S.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 304B - Mechanical

Schedule: 2023

Estimated Cost \$100.00

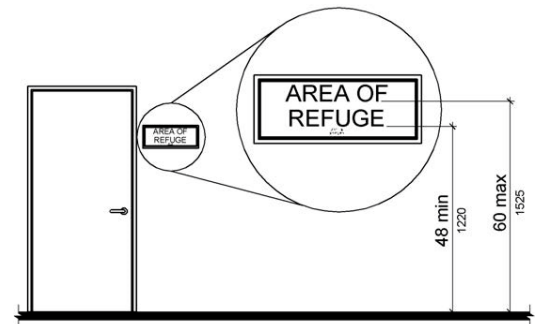
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

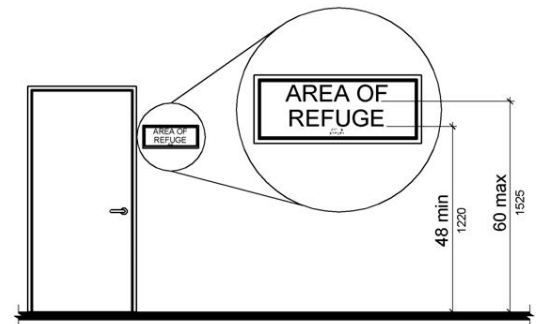
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

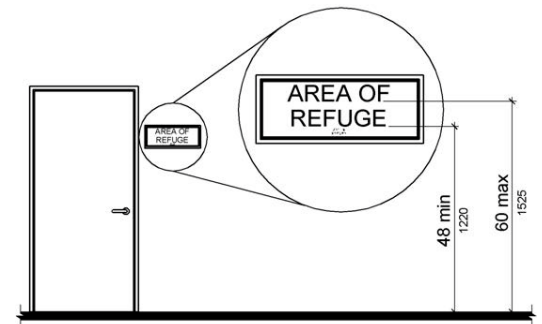
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 402 - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

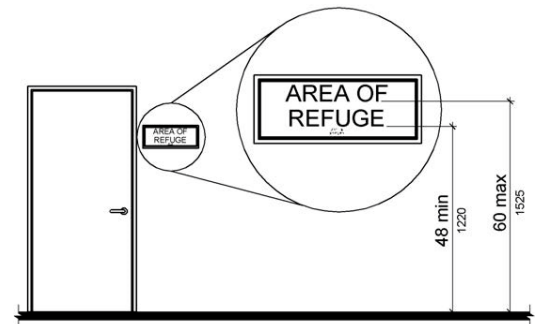
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 428 - Kitchen

Schedule: 2023

Estimated Cost \$100.00

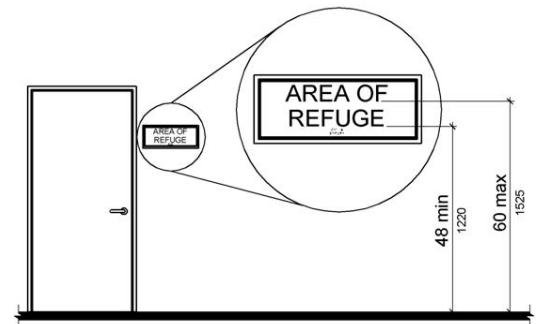
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 430A - Telephone

Schedule: 2023

Estimated Cost \$100.00

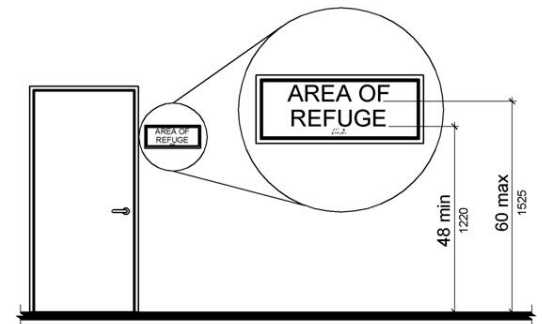
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 433A - Custodial

Schedule: 2023

Estimated Cost \$100.00

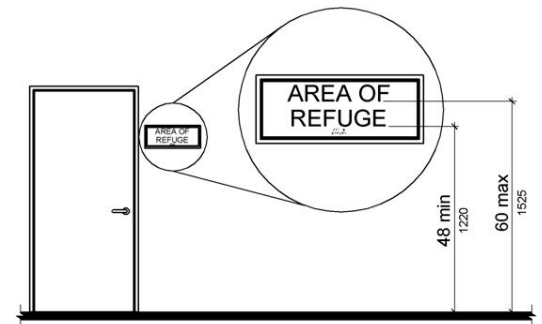
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 624 and 610

Schedule: 2023

Estimated Cost \$200.00

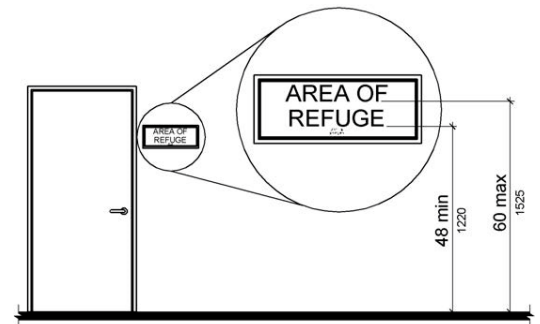
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Quick Fix: Yes
Built before ADA: Yes

Location: Rooms 624-603, 600C, and 615

Schedule: 2023

Estimated Cost \$1,500.00

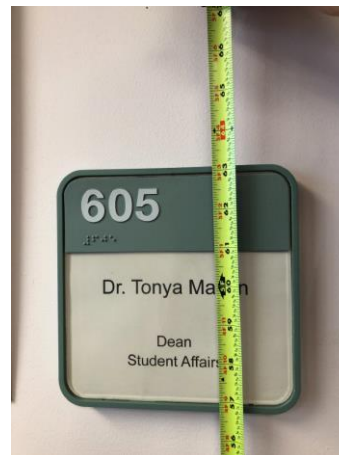
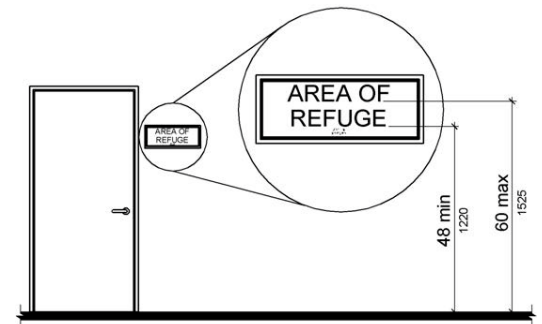
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 201 - Library

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

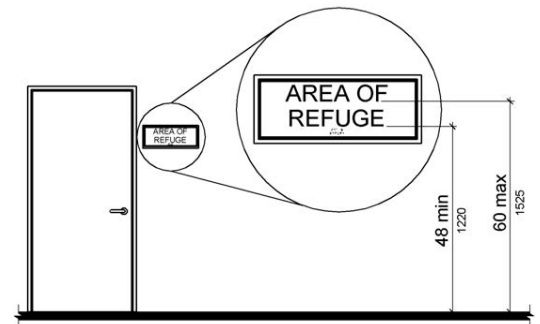
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 205A - Computer Lab

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

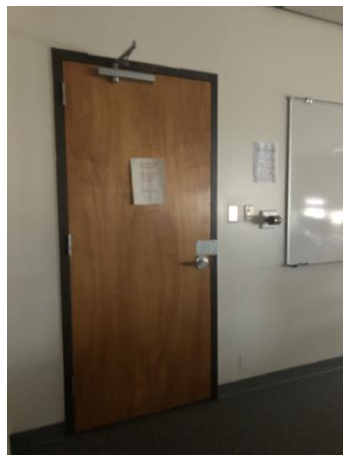
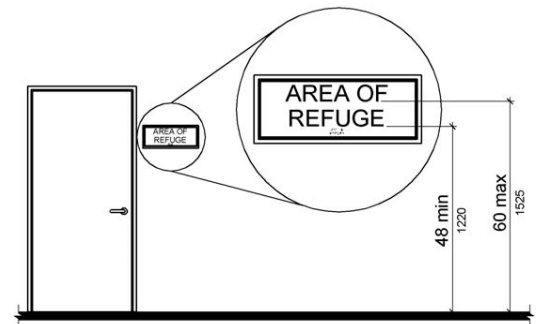
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Location: Room 212 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

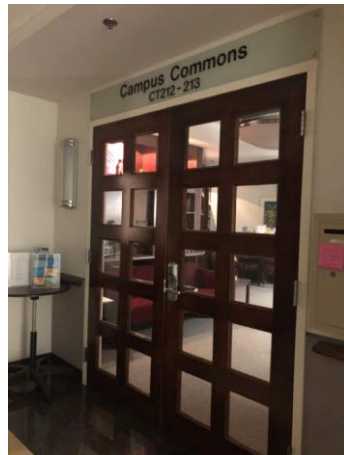
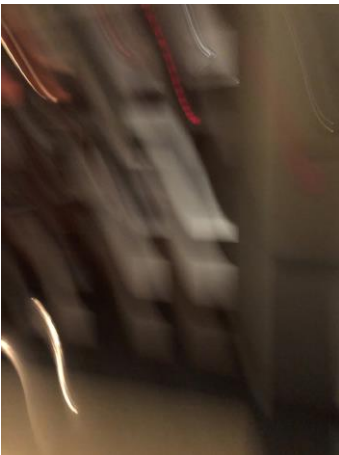
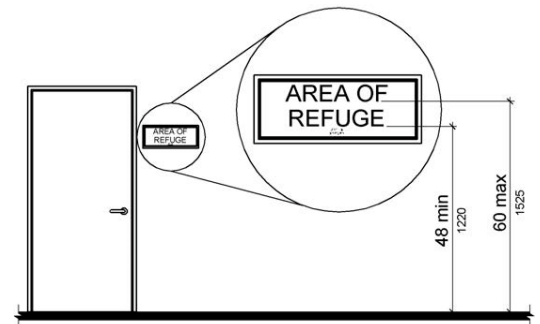
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 212B - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

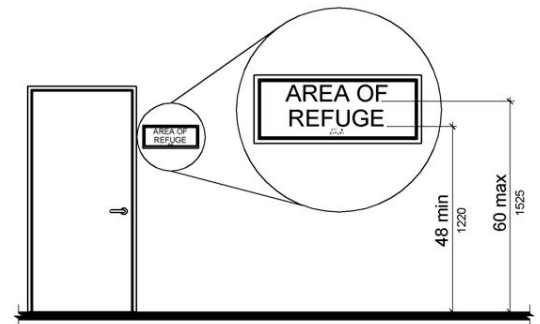
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 213 - Conference

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

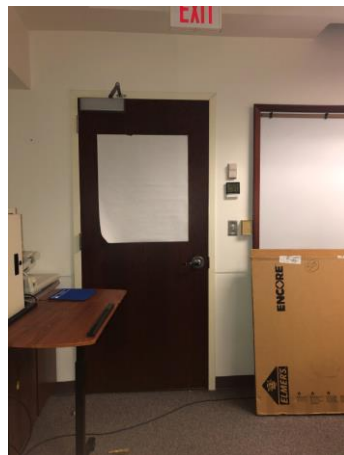
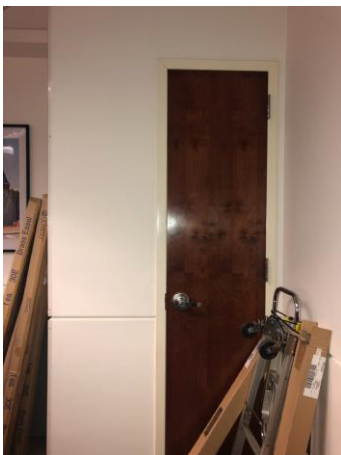
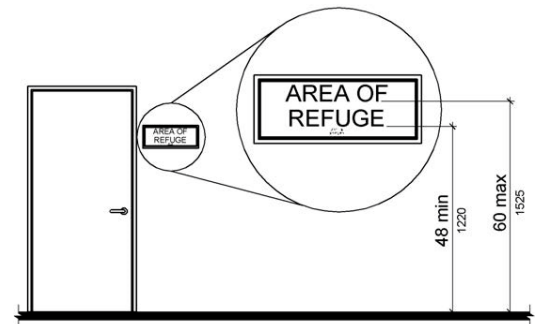
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 213 - Conference

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

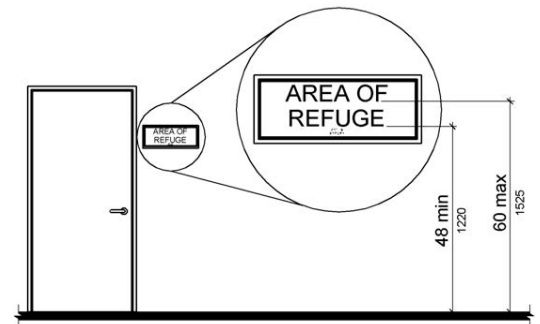
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the inactive leaf at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 218 - Office

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

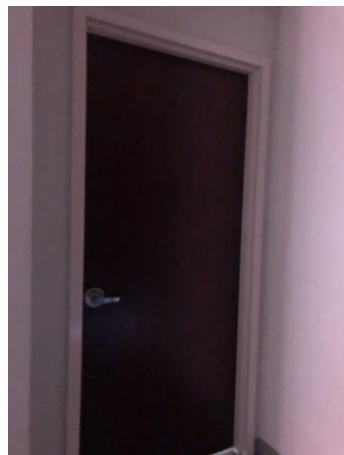
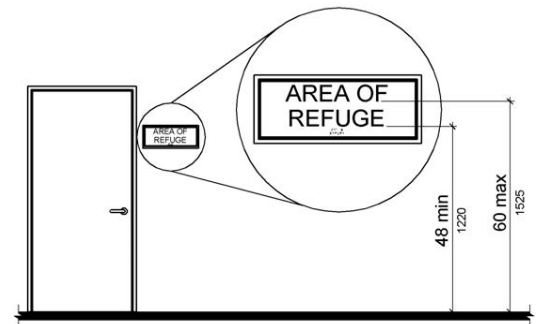
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 226 - Media Productions

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

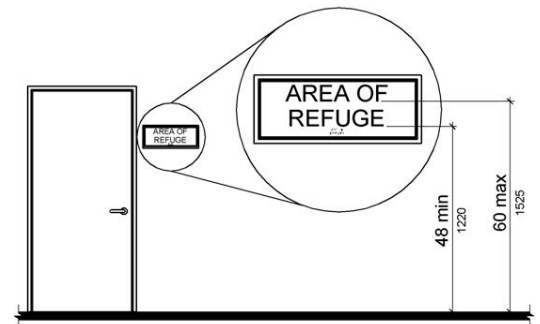
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 226C - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

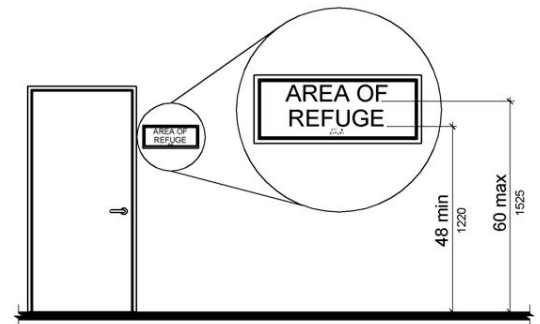
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Location: Room 307 - Lounge

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

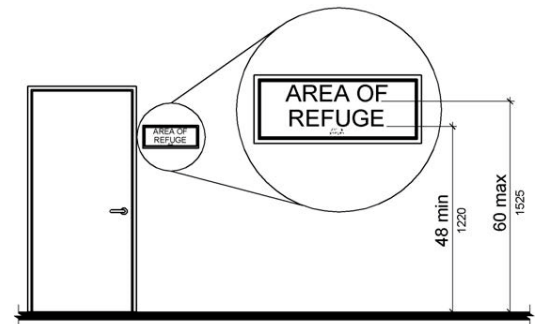
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 307 - Lounge

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

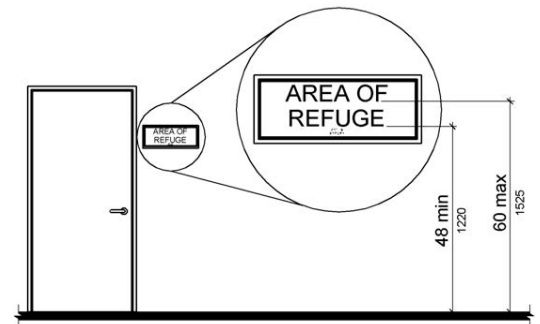
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 410 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

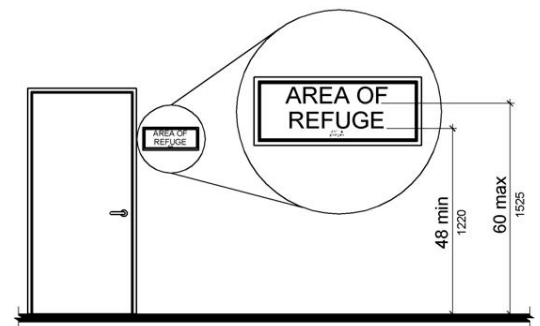
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 419B - Storage

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

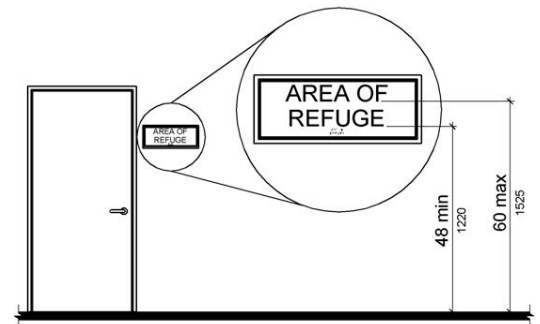
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Location: Room 526C - Pantry

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

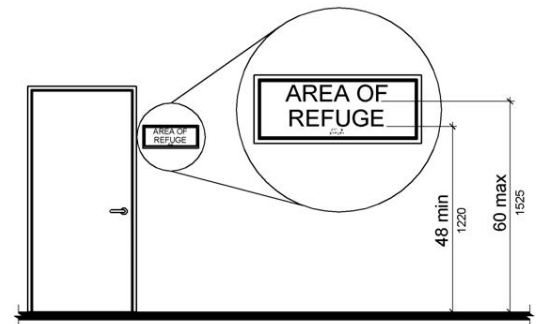
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

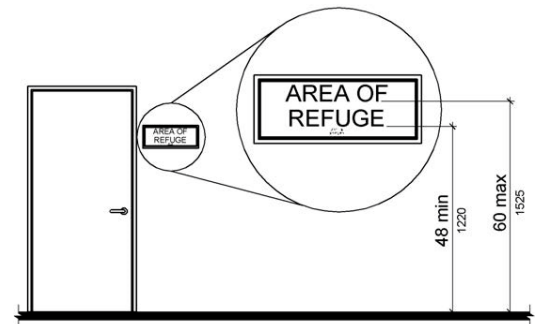
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Stair 1 & 2 3rd floor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

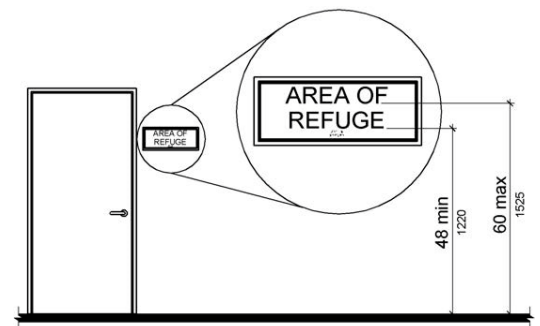
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Stair 1 & 2 5th floor

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

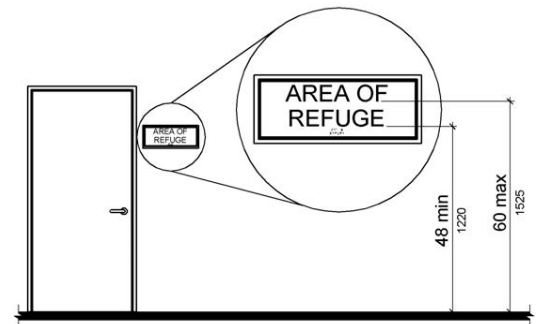
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There are no tactile signs identifying the permanent rooms.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Stair 1 & 2 6th floor

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

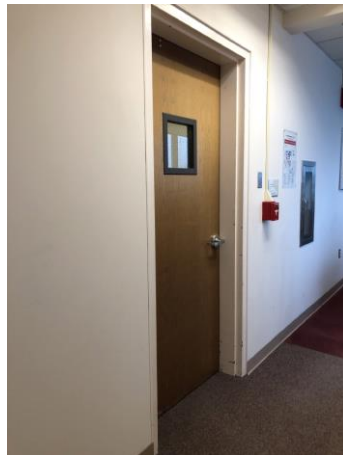
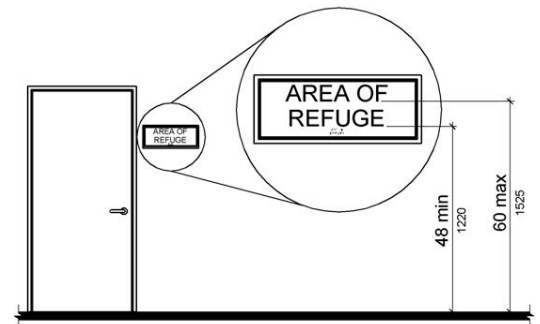
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There are no tactile signs identifying the permanent rooms.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Location: Stair 1 & 2 4th floor

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

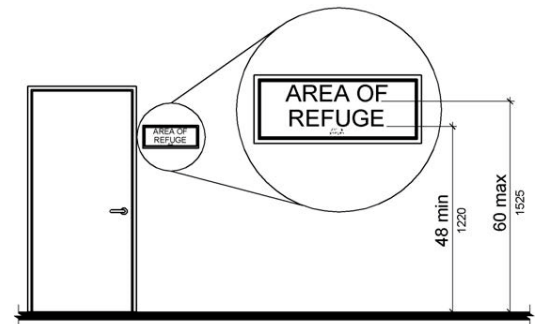
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There are no tactile signs identifying the permanent rooms.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: No
Built before ADA: Yes

Location: Room 106 - Conference

Schedule: 2024

Estimated Cost \$2,000.00

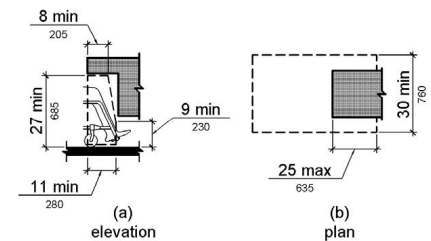
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §306.3.3, §606.3

The sink is 36" above the floor.
The sink counter does not have knee clearance.

RECOMMENDATIONS

Lower the sink to a height of 34" above the floor.
Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: 1st Floor

Schedule: 2023

Estimated Cost \$500.00

VIOLATIONS

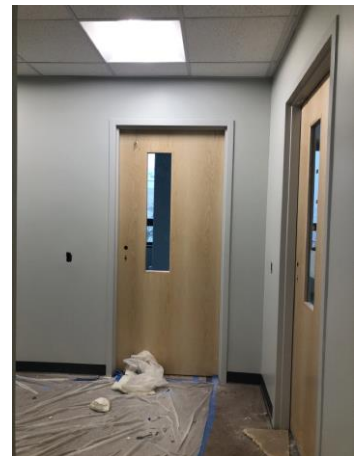
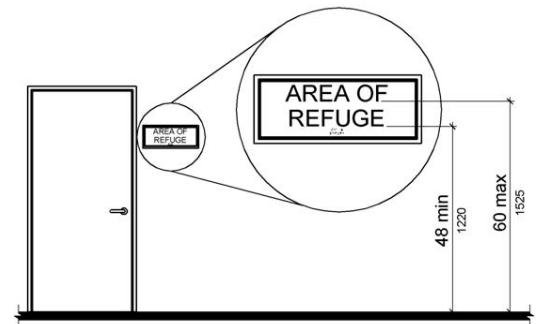
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There are no tactile signs identifying the permanent rooms.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: No

Built before ADA: Yes

Location: Room 201 - Library

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §707

The interactive touch screen does not have any sound or tactile components. Therefore, a visually impaired person would not be able to access the information provided by the kiosk.

RECOMMENDATIONS

Audio instructions must be provided that guide the user through all functions of the machine. Tactile instructions must be provided informing the user on the method of activating the audio instructions.

Controls to operate the kiosk must comply with §707. Or an alternative accessible printer/kiosk must be provided.





Quick Fix: No

Built before ADA: Yes

Location: Room 203A - Women's Restroom

Schedule: 2024

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.8.1.1

The toilet compartment size is too small.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: No

Built before ADA: Yes

Location: Room 203A - Women's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.3

The door is recessed 12".

RECOMMENDATIONS

Make sure the clear width is 32" minimum and that the maneuvering clearance is 60" from the door.





Quick Fix: No

Built before ADA: Yes

Location: Room 203B - Men's Restroom

Schedule: 2024

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.8.1.1

The toilet compartment size is too small.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: No
Built before ADA: Yes

Location: Room 203B - Men's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

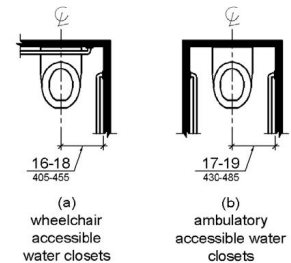
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.2

The toilet is 19" from the side wall.

RECOMMENDATIONS

Reposition the toilet to be 16" to 18" from the side wall to its center.





Quick Fix: No

Built before ADA: Yes

Location: Room 203B - Men's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.3

The door is recessed 12".

RECOMMENDATIONS

Make sure the clear width is 32" minimum and that the maneuvering clearance is 60" from the door.





Quick Fix: No
Built before ADA: Yes

Location: Room 204 - Library

Schedule: 2024

Estimated Cost \$1,500.00

VIOLATIONS

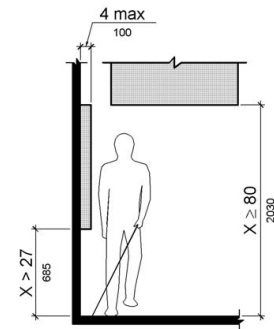
2010 ADA Standards for Accessible Design Codes: §211.2, §602.7, §307.2

The drinking fountain protrudes into the circulation path.
There is only one drinking fountain provided and the spout is 36" above the floor.

RECOMMENDATIONS

Place a drinking fountain skirt at this location to provide cane detectability.

Install an additional drinking fountain at a minimum spout height of 38" and maximum of 43" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 205 - IT Training Center

Schedule: 2023

Estimated Cost \$100.00

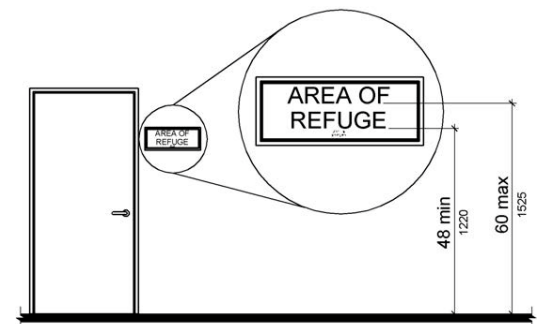
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located on the inactive leaf.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 206 - IT Training Center

Schedule: 2023

Estimated Cost \$100.00

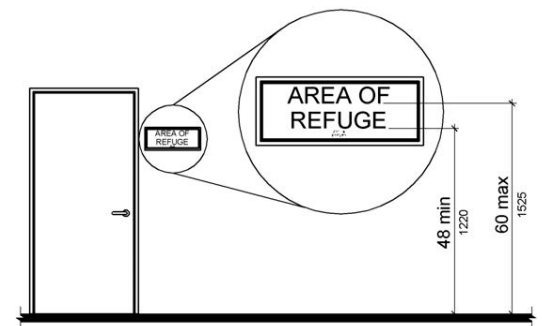
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located on the inactive leaf.





Quick Fix: No
Built before ADA: Yes

Location: Room 212 - Office

Schedule: 2024

Estimated Cost \$2,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §606.3, §902.3, §306.3.3, §305.2

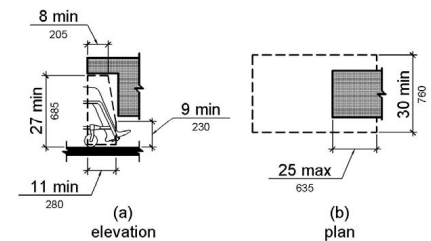
The refrigerator is blocking the clear floor space to access the sink. There is no knee clearance underneath the sink.

The sink is greater than 34" above the floor. The dining and work surface counter height exceeds the maximum height of 34".

RECOMMENDATIONS

Relocate the refrigerator. Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.

Lower the sink to a height of 34" above the floor. A 30" portion of the dining and work surface must be no higher than 34" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 212 - Office

Schedule: 2023

Estimated Cost \$100.00

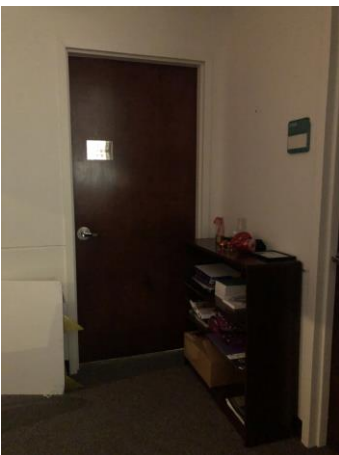
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

The corridor width itself meets ADA requirements, but the maneuvering clearances is insufficient to be considered accessible.

RECOMMENDATIONS

Relocate the cabinet.





Location: Room 212 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

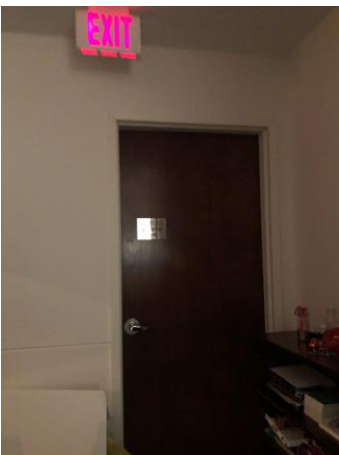
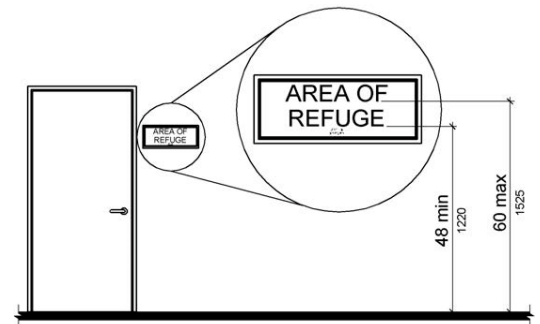
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 212A - Office

Schedule: 2023

Estimated Cost \$100.00

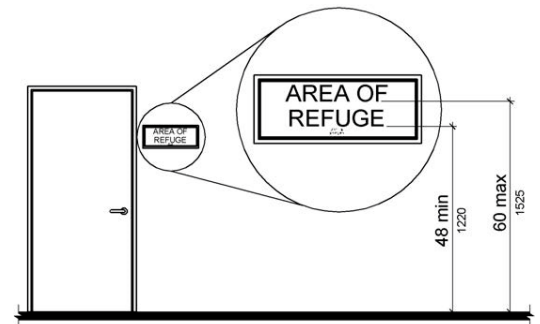
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Location: Rooms 212C-F - Offices

Schedule: 2023

Estimated Cost \$400.00

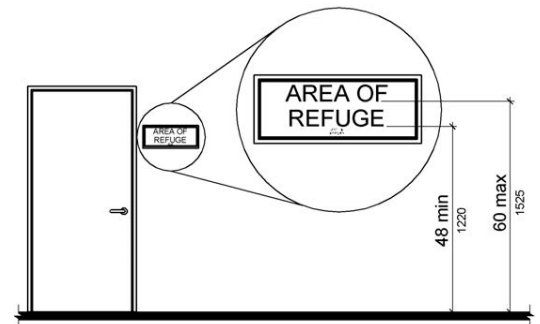
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 213A - Storage

Schedule: 2023

Estimated Cost \$100.00

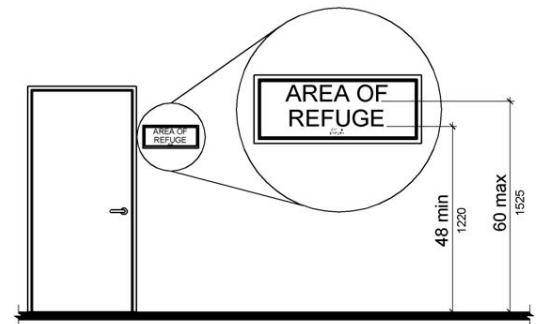
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 226 - Media Productions

Schedule: 2023

Estimated Cost \$100.00

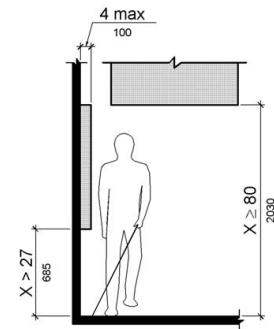
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The cabinet is protruding 18" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 226 - Media Productions

Schedule: 2023

Estimated Cost \$100.00

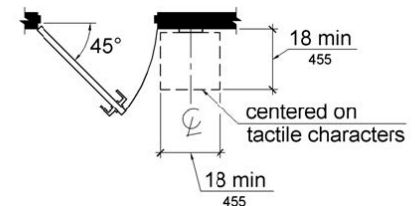
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2

The sign does not have clear floor space.

RECOMMENDATIONS

Relocate the storage item that is obstructing the 18"x18" clear floor space.





Location: Rooms 219-226

Schedule: 2023

Estimated Cost \$100.00

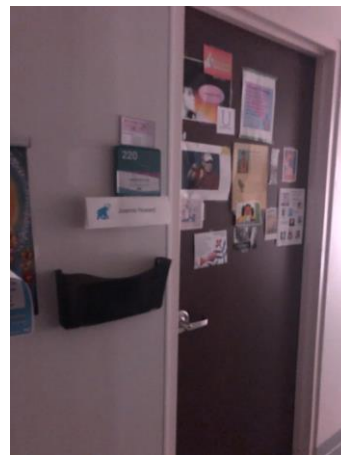
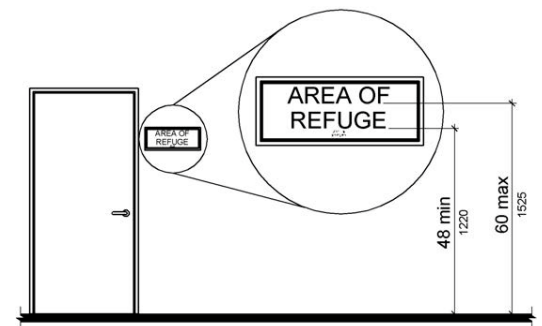
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 226A - Storage

Schedule: 2023

Estimated Cost \$100.00

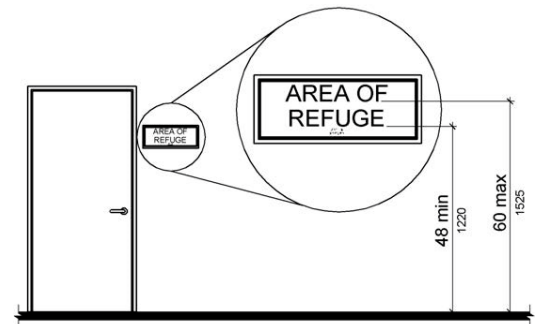
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 226B - MPS Service

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

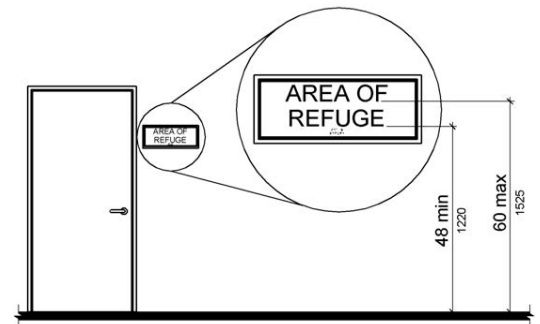
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

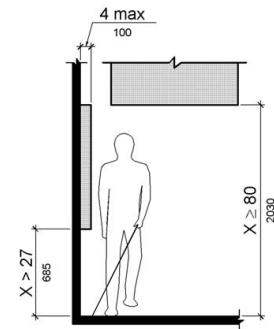
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The shelf is protruding 5" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it, lowering it so the bottom edge is 27" maximum above the floor, or providing cane detectability by placing an object underneath.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

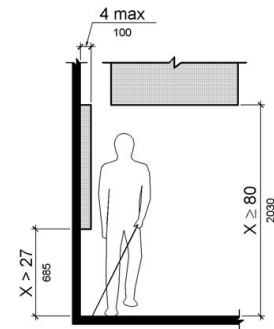
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer and paper towel dispenser are protruding 6" and 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating them or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

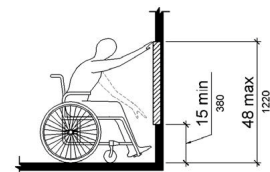
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 70" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

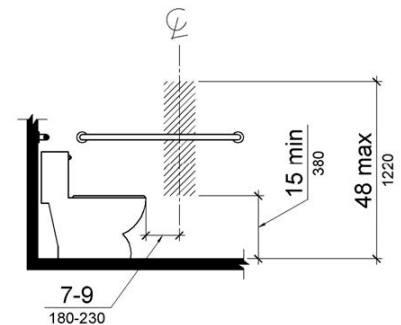
2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser so that its centerline is located 7" minimum to 9" maximum in front of the toilet.

Ensure that the height is within the acceptable reach range of 15" minimum to 48" maximum above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$500.00

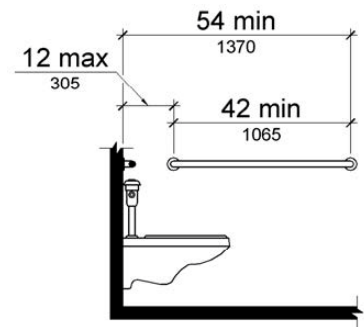
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: No
Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

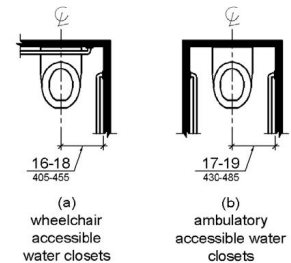
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.2

The toilet is 18.5" from the side wall.

RECOMMENDATIONS

Reposition the toilet to be 16" to 18" from the side wall to its center.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

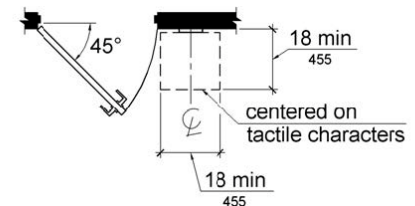
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2

The display case is blocking the clear floor space for the tactile sign.

RECOMMENDATIONS

Relocate the display case to ensure that there is a minimum of an 18"x18" clear floor space centered on the room signage.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

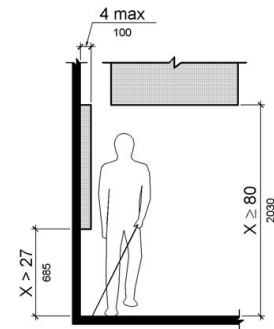
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer and paper towel dispenser are protruding 6" and 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating them or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

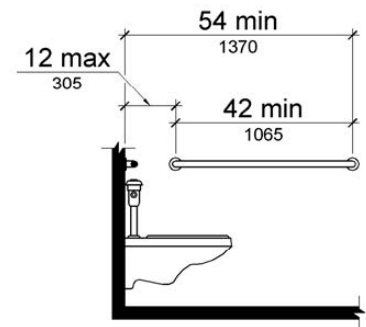
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

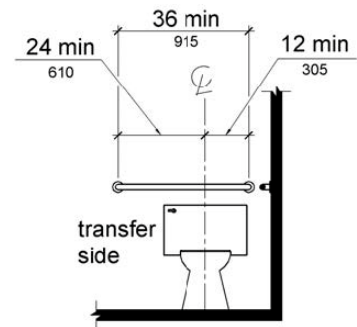
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.2

The rear grab bar is too close to the sidewall.

RECOMMENDATIONS

Relocate the rear grab bar an additional 1" away from the sidewall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

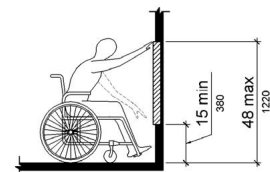
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hooks are 64" above the floor.

RECOMMENDATIONS

Lower at least one of the coat hooks to 48" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 227C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

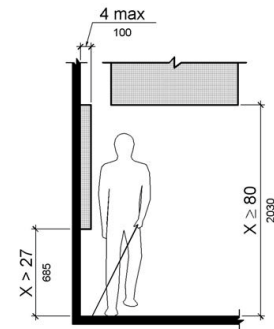
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The shelf is protruding 5" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: No

Built before ADA: Yes

Location: Room 291 - South Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There is only one drinking fountain provided and the spout is 41" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 292 - North Corridor

Schedule: 2023

Estimated Cost \$100.00

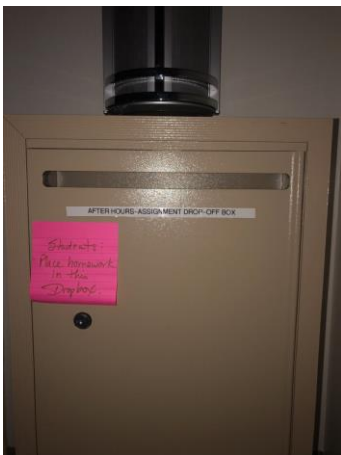
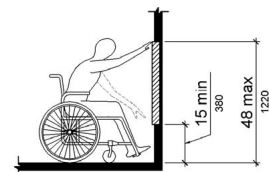
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The drop-off box is 54" above the floor.

RECOMMENDATIONS

Lower the drop-off box to 48" above the floor.





Quick Fix: No

Built before ADA: Yes

Location: Room 301 - Library

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There is only one drinking fountain provided and the spout is 38" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 301 - Library

Schedule: 2023

Estimated Cost \$100.00

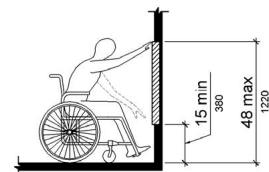
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The hand sanitizer is 54" above the floor.

RECOMMENDATIONS

Lower the hand sanitizer to 48" above the floor.





Quick Fix: No

Built before ADA: Yes

Location: Room 301 - Library

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §707

The interactive touch screen does not have any sound or tactile components. Therefore, a visually impaired person would not be able to access the information provided by the kiosk.

RECOMMENDATIONS

Audio instructions must be provided that guide the user through all functions of the machine. Tactile instructions must be provided informing the user on the method of activating the audio instructions.

Controls to operate the kiosk must comply with §707. Or an alternative accessible printer/kiosk must be provided.





Quick Fix: No

Built before ADA: Yes

Location: Room 301 - Library

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There is only one drinking fountain provided and the spout is 42" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 301A and 304A

Schedule: 2023

Estimated Cost \$200.00

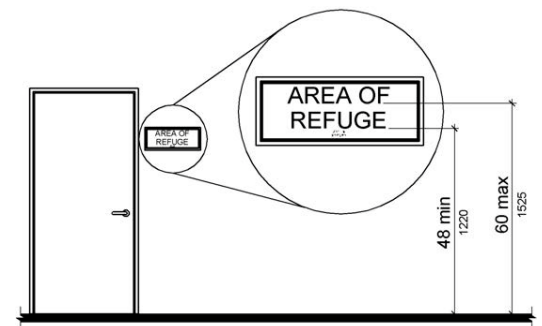
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: No
Built before ADA: Yes

Location: Room 301C - Electric

Schedule: 2024

Estimated Cost \$1,500.00

VIOLATIONS

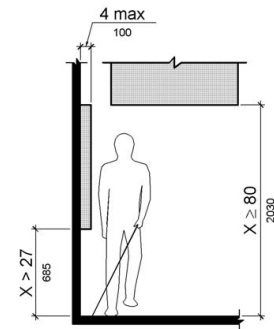
2010 ADA Standards for Accessible Design Codes: §211.2, §602.7, §307.2

The drinking fountain protrudes into the circulation path.
There is only one drinking fountain provided and the spout is 36" above the floor.

RECOMMENDATIONS

Place a drinking fountain skirt at this location to provide cane detectability.

Install an additional drinking fountain at a minimum spout height of 38" and maximum of 43" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

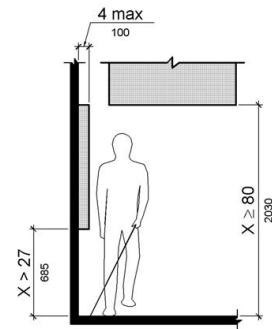
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand dryer are protruding 6" to 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

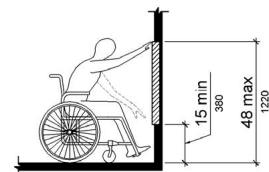
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$500.00

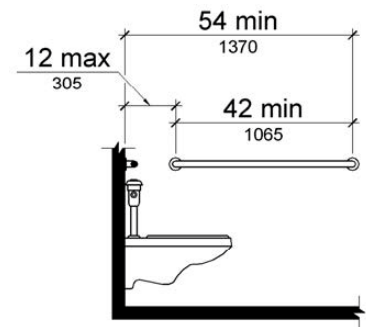
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

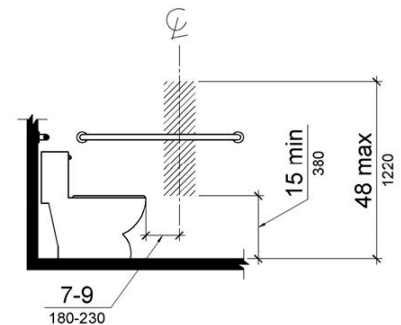
2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser so that its centerline is located 7" minimum to 9" maximum in front of the toilet.

Ensure that the height is within the acceptable reach range of 15" minimum to 48" maximum above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 302C - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

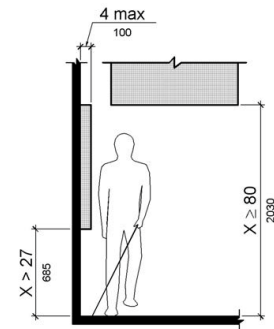
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer and paper towel dispenser is protruding 6" to 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating them or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

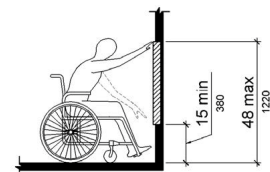
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302C - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

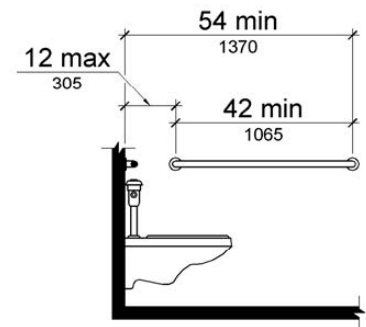
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 302C - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

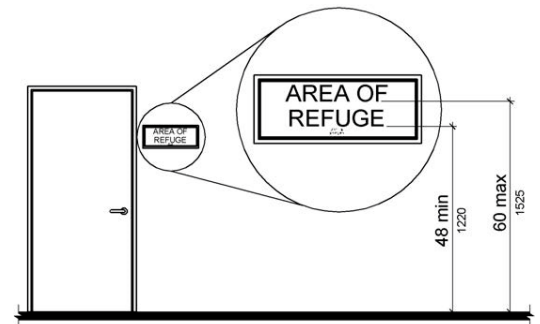
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 303I - Conference Room

Schedule: 2023

Estimated Cost \$100.00

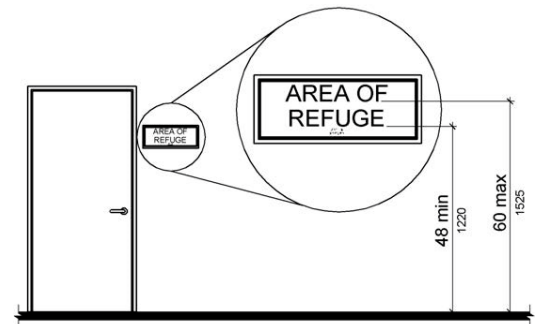
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor and 24" from the door.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 303Q - Corridor

Schedule: 2023

Estimated Cost \$100.00

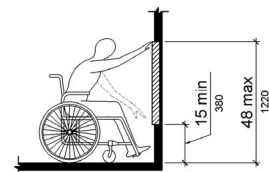
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The hand sanitizer is 51" above the floor.

RECOMMENDATIONS

Lower the hand sanitizer to 48" above the floor.





Quick Fix: No

Built before ADA: Yes

Location: Room 303Q - Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There is only one drinking fountain provided and the spout is 41" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 303Q - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

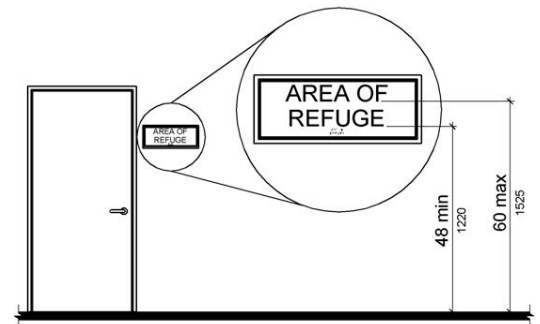
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: No

Built before ADA: Yes

Location: Room 305A - Women's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.3

The door is recessed 12".

RECOMMENDATIONS

Make sure the clear width is 32" minimum and that the maneuvering clearance is 60" from the door.





Quick Fix: No

Built before ADA: Yes

Location: Room 305A - Women's Restroom

Schedule: 2023

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

The corridor width itself meets ADA requirements, but the maneuvering clearances is insufficient to be considered accessible.

RECOMMENDATIONS

Remove the wall.





Location: Room 305A - Women's Restroom

Schedule: 2023

Estimated Cost \$5,000.00

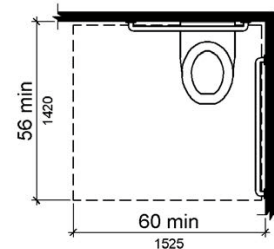
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.3.1

The clearance around the water closet is less than 60"x56" when measured perpendicular from the side wall and rear wall.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305A - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

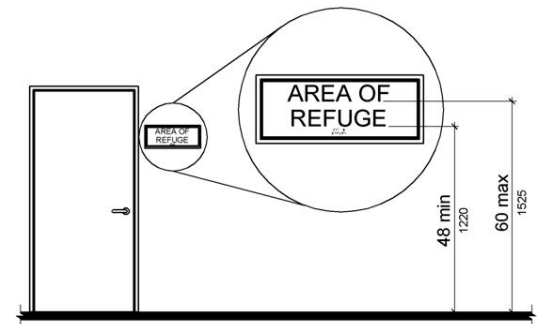
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Location: Room 305B - Men's Restroom

Schedule: 2023

Estimated Cost \$5,000.00

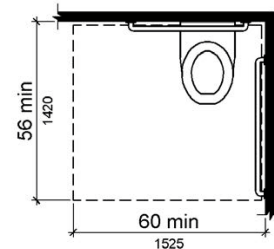
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.3.1

The clearance around the water closet is less than 60"x56" when measured perpendicular from the side wall and rear wall.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: No
Built before ADA: Yes

Location: Room 305B - Men's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

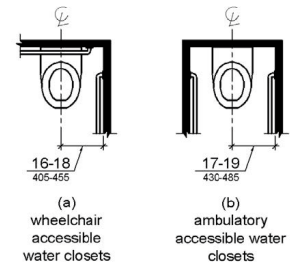
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.2

The toilet is 19" from the side wall.

RECOMMENDATIONS

Reposition the toilet to be 16" to 18" from the side wall to its center.





Quick Fix: No

Built before ADA: Yes

Location: Room 305B - Men's Restroom

Schedule: 2023

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

The corridor width itself meets ADA requirements, but the maneuvering clearances is insufficient to be considered accessible.

RECOMMENDATIONS

Remove the wall.





Quick Fix: No

Built before ADA: Yes

Location: Room 305B - Men's Restroom

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.3

The door is recessed 12".

RECOMMENDATIONS

Make sure the clear width is 32" minimum and that the maneuvering clearance is 60" from the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 305C-E - Offices

Schedule: 2023

Estimated Cost \$300.00

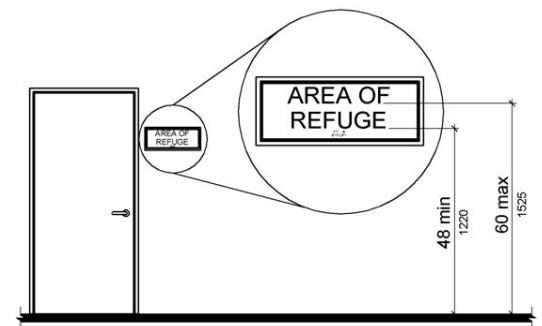
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 306 - Library

Schedule: 2023

Estimated Cost \$100.00

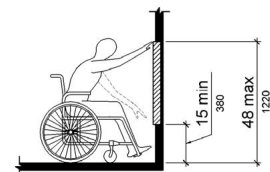
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The book shelves are 72" above the floor.

RECOMMENDATIONS

Ensure that the library has a policy that provides assistance to employees and volunteers reaching for shelves that are located beyond 48" above the floor.





Location: Rooms 306A and 306B - Offices

Schedule: 2023

Estimated Cost \$200.00

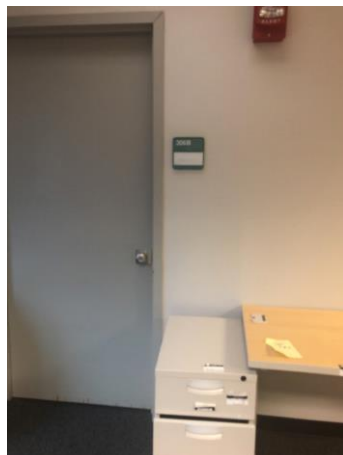
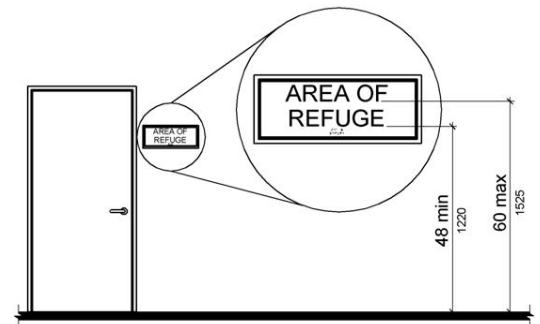
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 306B - Office

Schedule: 2023

Estimated Cost \$100.00

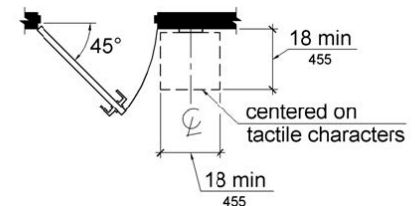
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2

The sign does not have clear floor space.

RECOMMENDATIONS

Relocate the storage item that is obstructing the 18"x18" clear floor space.





Quick Fix: No

Built before ADA: Yes

Location: Room 307 - Lounge

Schedule: 2023

Estimated Cost \$5,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §302.1, §303.2, §404.2.5

There is a step on the exterior of the doorway rendering the entrance inaccessible.
There are tripping hazards throughout the exterior lounge area.

RECOMMENDATIONS

Resurface the entrance pathways to allow for a level entrance with a maximum step of 0.25".

Resurface the exterior lounge area to remove cracks, bumps, and other possible tripping hazards.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

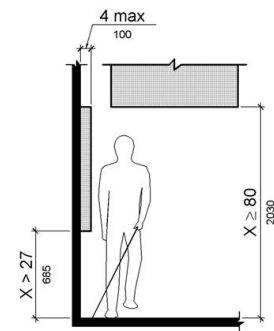
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand sanitizer and paper towel dispenser is protruding 6" and 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

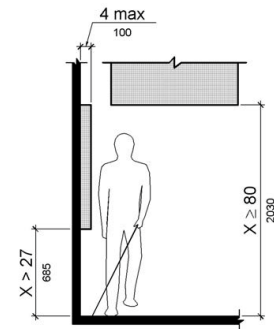
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The shelf is protruding 5" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

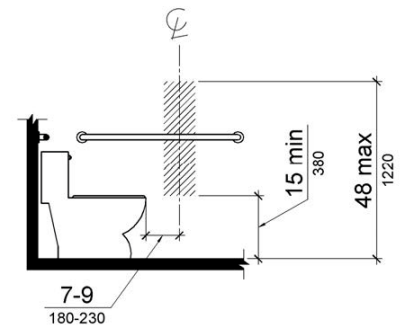
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser so that its centerline is located 7" minimum to 9" maximum in front of the toilet. Ensure that the height is within the acceptable reach range of 15" minimum to 48" maximum above the toilet.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

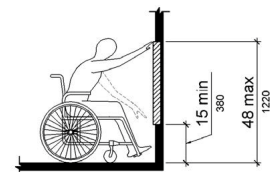
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 401 - Men's Restroom

Schedule: 2023

Estimated Cost \$500.00

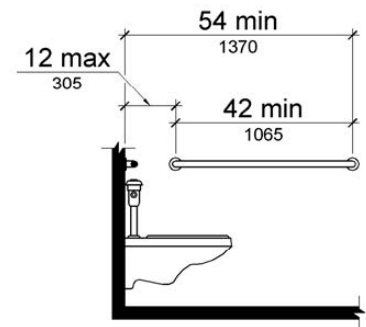
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 402 - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

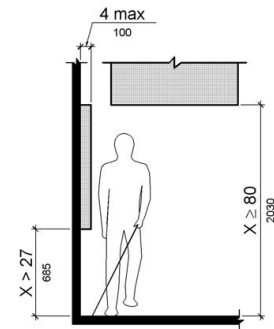
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The shelf is protruding 5" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 402 - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

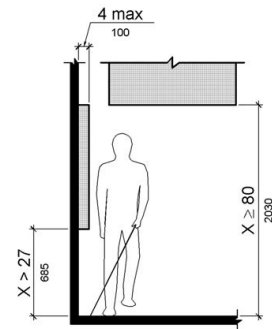
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand sanitizer is protruding 6" to 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 402 - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

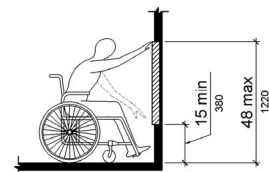
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 66" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 402 - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

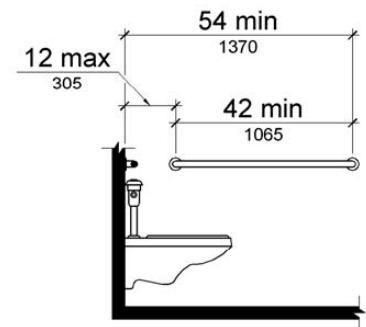
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 428 - Kitchen

Schedule: 2023

Estimated Cost \$100.00

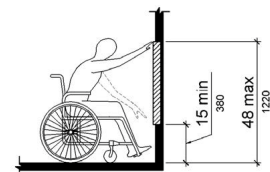
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The paper towel dispenser is 58" above the floor.

RECOMMENDATIONS

Lower the paper towel dispenser to 48" above the floor.





Quick Fix: No
Built before ADA: Yes

Location: Room 428 - Kitchen

Schedule: 2024

Estimated Cost \$2,000.00

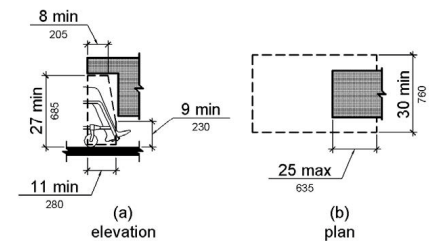
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §306.3.3, §606.3

The sink is 36" above the floor.
There is no knee clearance underneath the sink.

RECOMMENDATIONS

Lower the sink to a height of 34" above the floor.
Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 428A - Storage

Schedule: 2023

Estimated Cost \$100.00

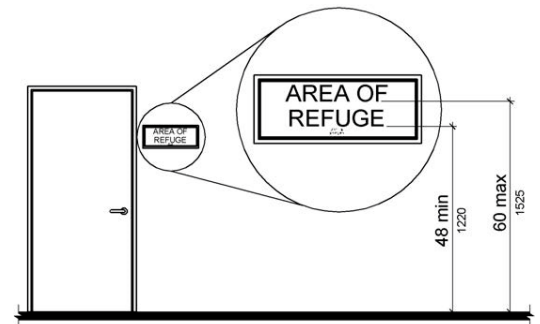
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 65" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 433B - IT Mechanical

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

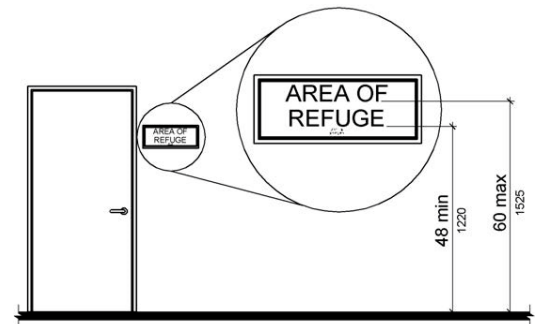
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: No

Built before ADA: Yes

Location: Room 491 - South Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There are two drinking fountains provided and the spout is 41" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor or lower one of the existing drinking fountains to a maximum spout height of 36" above the floor.





Quick Fix: No

Built before ADA: Yes

Location: Room 491 - South Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

Both of the drinking fountains are too high.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor or lower an existing drinking fountain.





Quick Fix: Yes

Built before ADA: Yes

Location: 4th Floor South & North Corridor

Schedule: 2023

Estimated Cost \$3,400.00

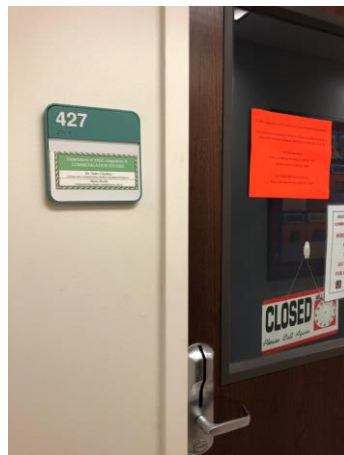
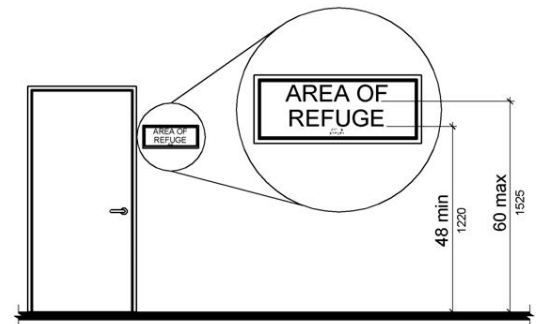
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor. Rooms 403-409, 411-429, 430A, 431A, 431B, 431C, 431D, 433A, 433B, 434A.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 500A - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

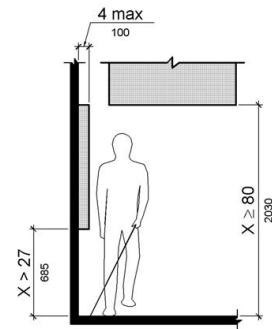
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand dryer are protruding 6" and 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 500A - Men's Restrom

Schedule: 2023

Estimated Cost \$100.00

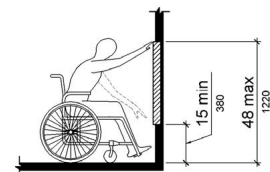
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 500A - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

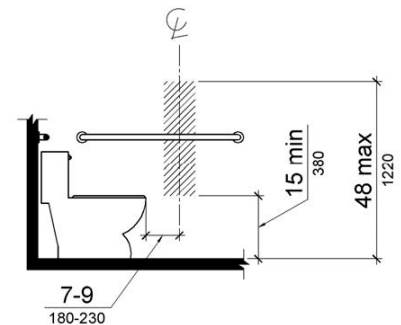
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser so that its centerline is located 7" minimum to 9" maximum in front of the toilet. Ensure that the height is within the acceptable reach range of 15" minimum to 48" maximum above the toilet.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 500A - Men's Restrom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 500A - Men's Restrom

Schedule: 2023

Estimated Cost \$500.00

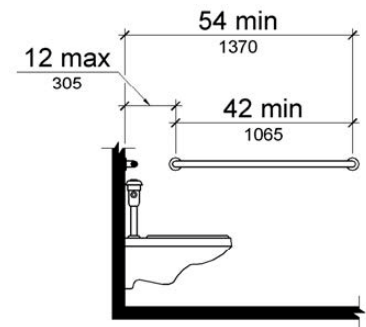
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 500B - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

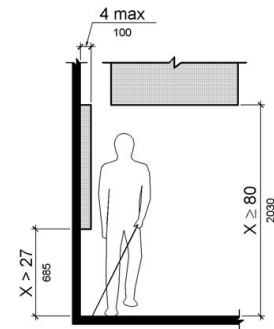
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand dryer are protruding 6" to 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating it or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 500B - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

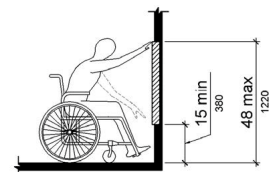
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 500B - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 500B - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

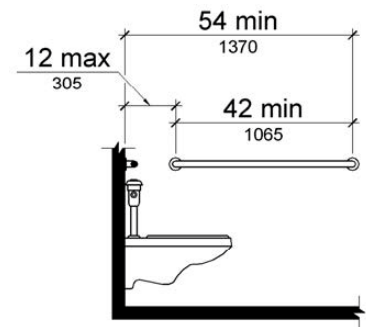
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 501-504

Schedule: 2023

Estimated Cost \$100.00

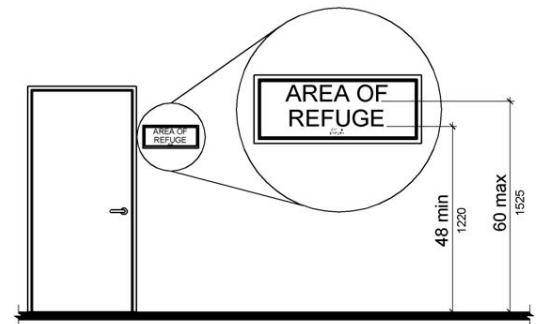
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The centerline of the tactile characters is 12" from the edge of the door.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 512A - Office

Schedule: 2023

Estimated Cost \$100.00

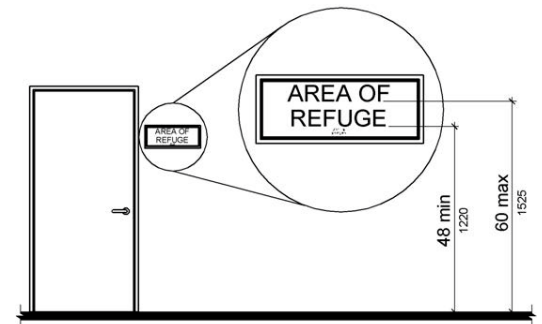
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 512B - Office

Schedule: 2023

Estimated Cost \$100.00

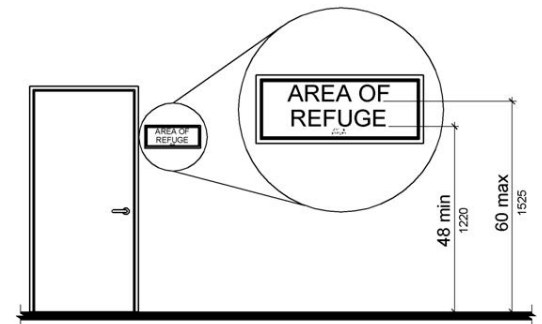
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 513 - Storage

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

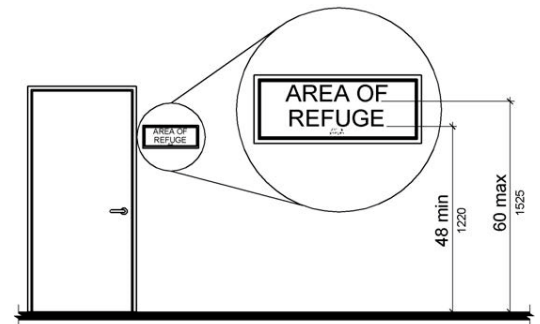
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 517, 518, and 534A

Schedule: 2023

Estimated Cost \$300.00

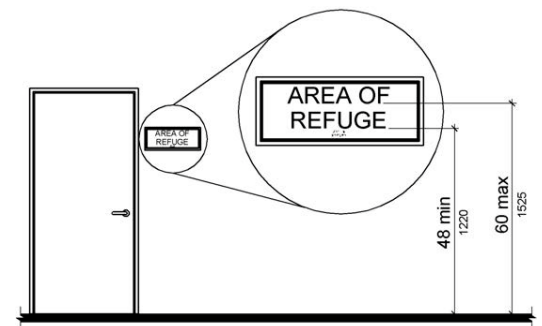
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 512 - North Suite Entry

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

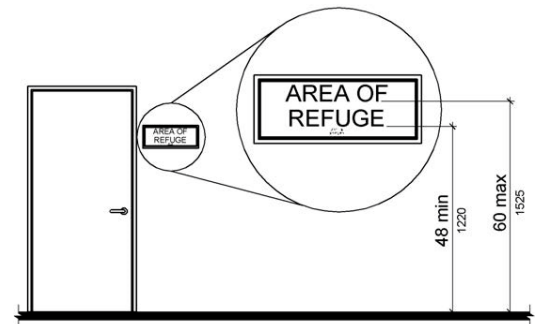
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 526 - English Department

Schedule: 2023

Estimated Cost \$200.00

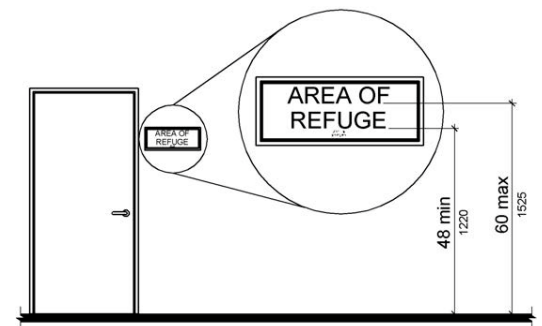
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 526B - Storage

Schedule: 2023

Estimated Cost \$200.00

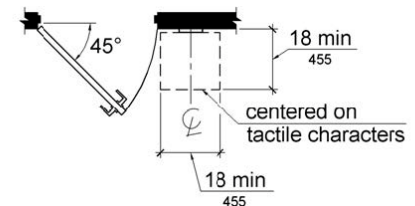
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2

The signs do not have clear floor space.

RECOMMENDATIONS

Relocate the storage items that are obstructing the 18"x18" clear floor spaces.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 528 - Copy/Fax

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

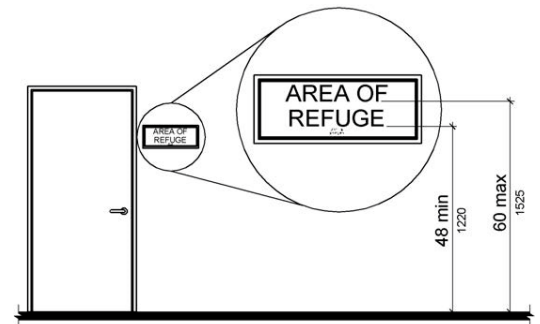
2010 ADA Standards for Accessible Design Codes: §216.2, §703

The sign is broken and is 18" from the door.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 528 - Copy/Fax

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

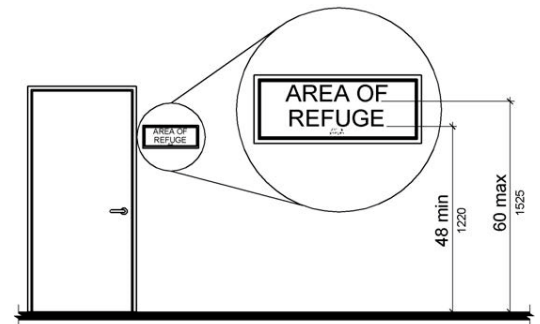
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 530 - South Suite Entry

Schedule: 2023

Estimated Cost \$500.00

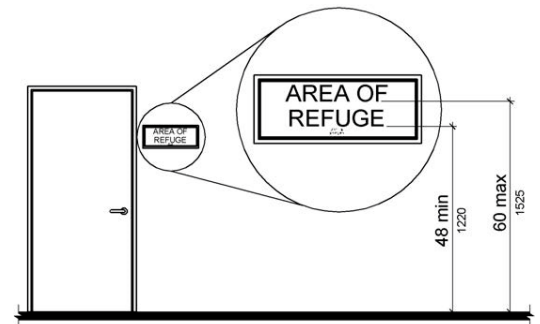
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 531A - Telephone

Schedule: 2023

Estimated Cost \$100.00

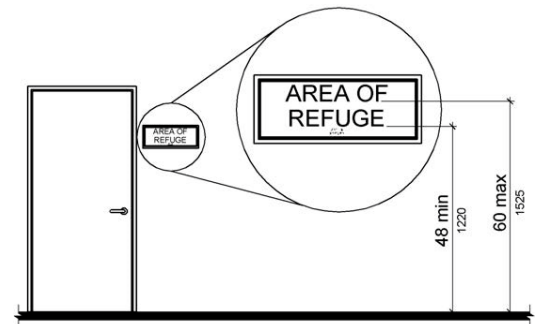
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location 31" from the edge of the double door.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door. Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 534A - Mechanical

Schedule: 2023

Estimated Cost \$100.00

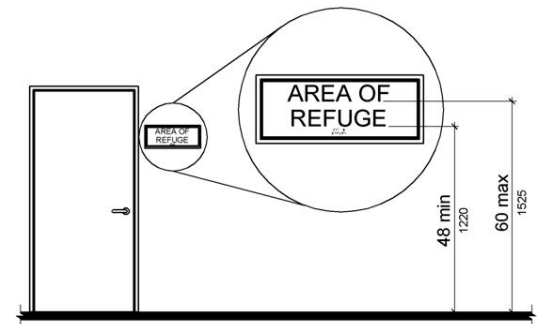
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive door.





Quick Fix: No
Built before ADA: Yes

Location: Room 591 - South Corridor

Schedule: 2024

Estimated Cost \$1,500.00

VIOLATIONS

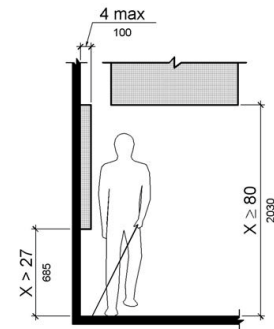
2010 ADA Standards for Accessible Design Codes: §211.2, §602.7, §307.2

The drinking fountain protrudes into the circulation path.
There is only one drinking fountain provided and the spout is 36" above the floor.

RECOMMENDATIONS

Place a drinking fountain skirt at this location to provide cane detectability.

Install an additional drinking fountain at a minimum spout height of 38" and maximum of 43" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 591 - South Corridor

Schedule: 2023

Estimated Cost \$1,100.00

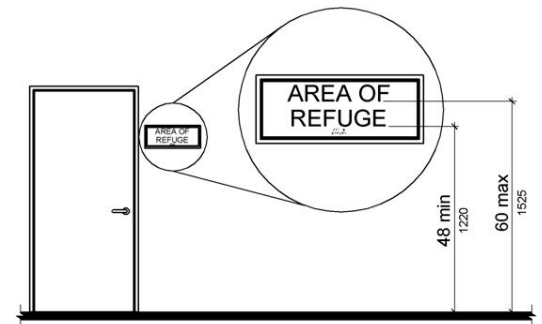
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Location: Rooms 520-527, 535A, 534B, and 513

Schedule: 2023

Estimated Cost \$1,000.00

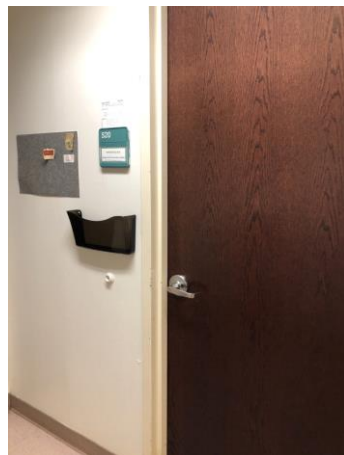
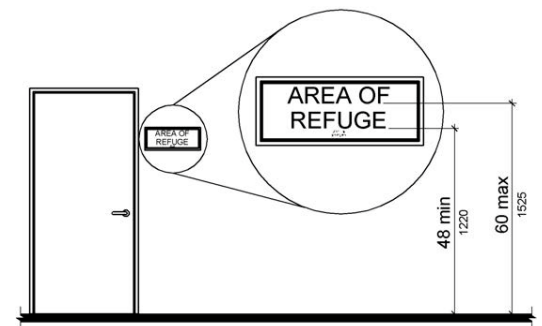
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct locations at 62" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: No

Built before ADA: Yes

Location: Room 595 - North Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4

There is only one drinking fountain provided and the spout is 40" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 600A - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

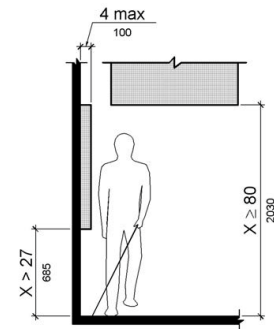
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand dryer are protruding 6" and 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating them or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600A - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

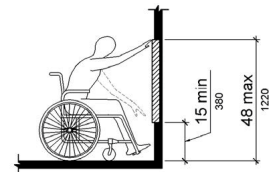
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600A - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

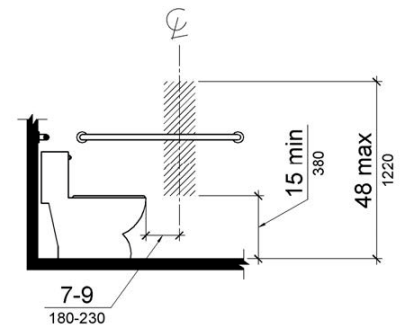
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser so that its centerline is located 7" minimum to 9" maximum in front of the toilet. Ensure that the height is within the acceptable reach range of 15" minimum to 48" maximum above





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600A - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600A - Men's Restroom

Schedule: 2023

Estimated Cost \$500.00

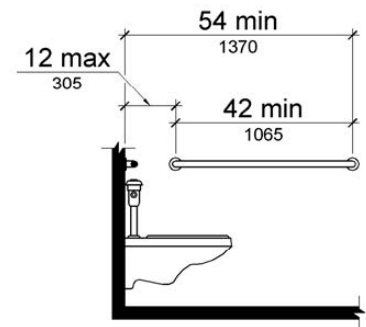
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600B - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

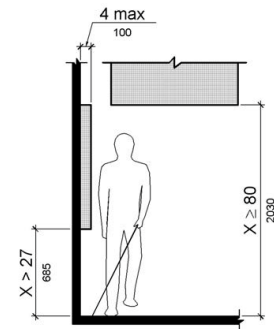
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer and paper towel dispenser are protruding 6" to 7" into the circulation path.

RECOMMENDATIONS

Reduce the protrusion depth to a maximum of 4" by relocating them or providing cane detectability by placing an object underneath.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600B - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

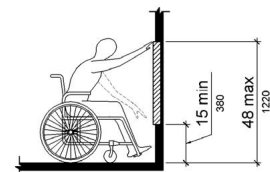
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The coat hook is 64" above the floor.

RECOMMENDATIONS

Lower the coat hook to 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600B - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 600B - Women's Restroom

Schedule: 2023

Estimated Cost \$500.00

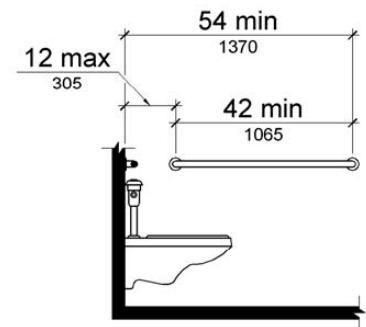
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.5.1

The side grab bar is 13" from the rear wall.

RECOMMENDATIONS

Relocate the side grab bar 12" away from the rear wall.





Quick Fix: No
Built before ADA: Yes

Location: Room 608 - Pantry

Schedule: 2024

Estimated Cost \$2,000.00

VIOLATIONS

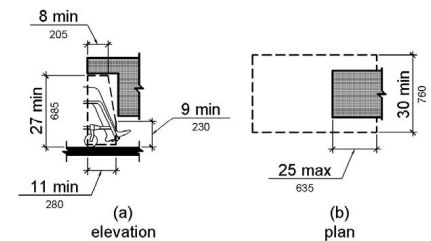
2010 ADA Standards for Accessible Design Codes: §606.3, §902.3, §306.3.3

The dining and work surface counter height exceeds the maximum height of 34".
The sink is 36.5" above the floor. There is no knee clearance underneath the sink.

RECOMMENDATIONS

A 30" portion of the dining and work surface must be no higher than 34" above the floor.

Lower the sink to a height of 34" above the floor. Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 625 - Suite Hallway

Schedule: 2023

Estimated Cost \$100.00

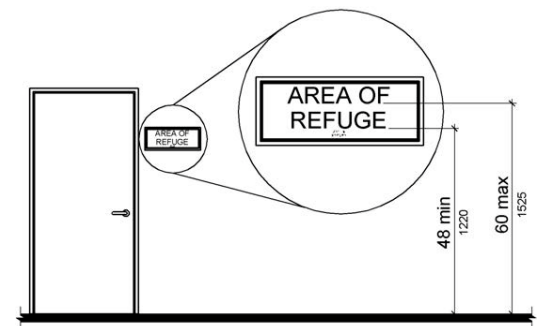
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the inactive leaf.





Quick Fix: No

Built before ADA: Yes

Location: Room 625 - Suite Hallway

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.7

There is only one drinking fountain provided and the spout is 36" above the floor.

RECOMMENDATIONS

Install an additional drinking fountain at a minimum spout height of 38" and maximum of 43" above the floor.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 625 - Suite Hallway

Schedule: 2023

Estimated Cost \$100.00

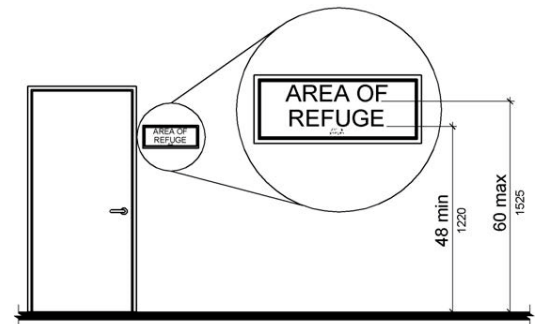
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

The tactile sign identifies the 6th Floor and not the Office of the Dean.

RECOMMENDATIONS

Replace the tactile sign to identify the Office of the Dean.





Quick Fix: Yes
Built before ADA: Yes

Location: Basement

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

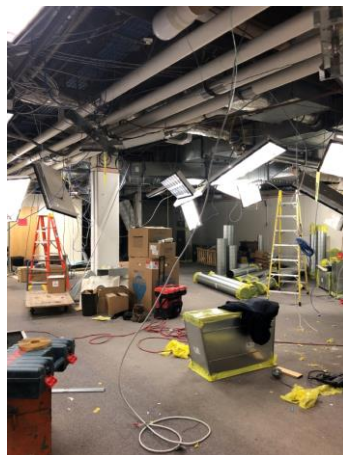
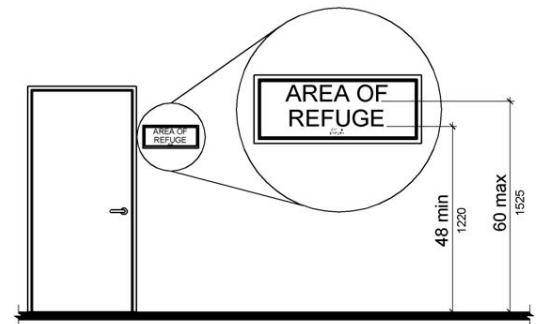
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Stair 1

Schedule: 2023

Estimated Cost \$600.00

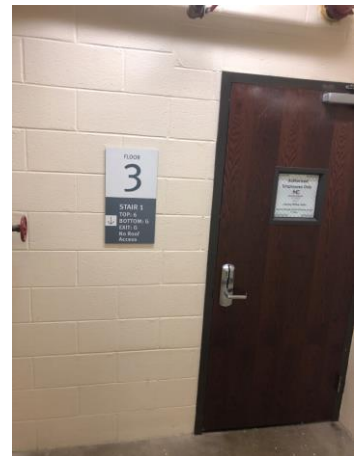
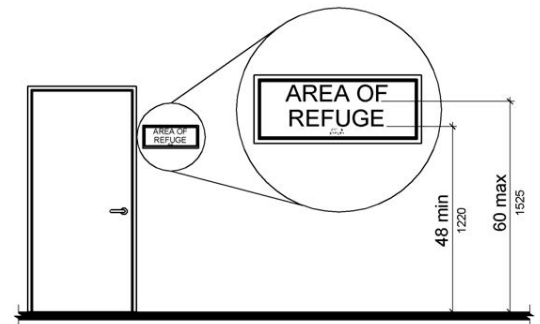
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location at 61" above the floor.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character. Signs shall be located alongside the latch side of the door.





Quick Fix: No
Built before ADA: Yes

Location: Stair 1 & 2

Schedule: 2024

Estimated Cost \$1,000.00

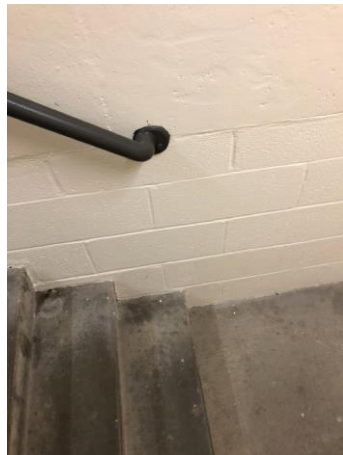
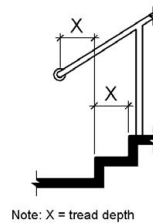
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §505.10.2, §505.10.3

There are no handrail extensions at the top or bottom of the stairs.

RECOMMENDATIONS

Install new handrails with extensions that extend at least 12" horizontally above the landing beginning directly above the first stair riser nosing and extend for a horizontal distance at least equal to one tread depth beyond the last riser nosing.





Quick Fix: No
Built before ADA: Yes

Location: Stair 5

Schedule: 2024

Estimated Cost \$1,000.00

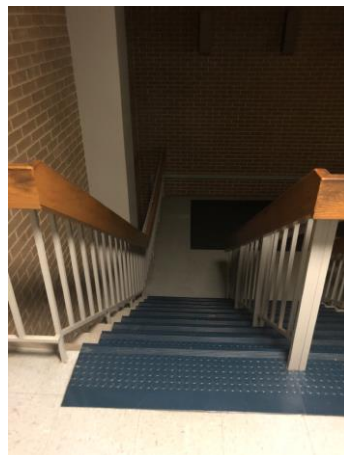
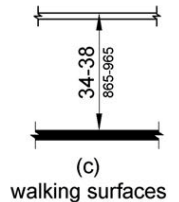
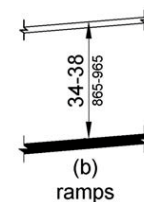
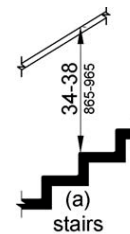
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §505.2

There are no handrails.

RECOMMENDATIONS

Install an additional handrail to the wall side of the ramp at a height between 34" minimum and 38" maximum. Make sure there are adequate handrail extensions both at the top and bottom of the handrail.





Quick Fix: Yes
Built before ADA: Yes

Location: Stair 5 3rd floor & 2nd floor

Schedule: 2023

Estimated Cost \$500.00

VIOLATIONS

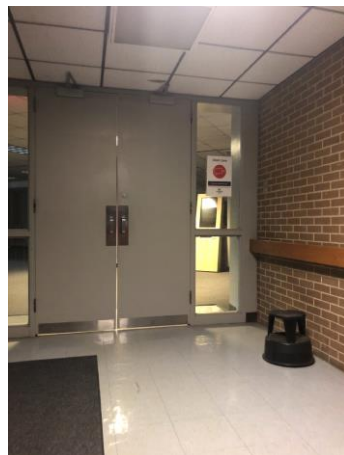
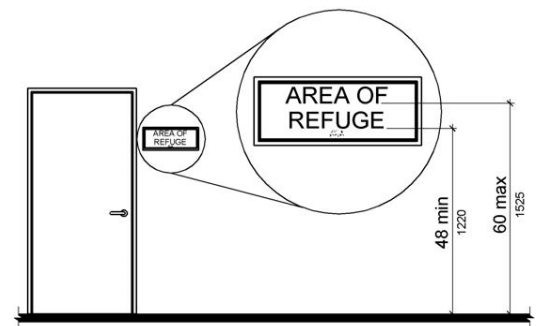
2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent rooms at each landing.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name or room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 026 - Master Control Room

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the inactive leaf at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 023 - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.9, §404.2.8.1

The closing speed of the door is too fast.

The opening and closing force of the door exceeds the maximum force of 5 pounds.

RECOMMENDATIONS

Adjust the resistance on the door so that it allows the door to be continuously opened at a force not exceeding 5 pounds and to ensure that closure takes 5 or more seconds.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 025 - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.8, §404.2.9

The closing speed of the door is too fast.

The opening and closing force of the door exceeds the maximum force of 5 pounds.

RECOMMENDATIONS

Adjust the resistance on the door so that it allows the door to be continuously opened at a force not exceeding 5 pounds and to ensure that closure takes 5 or more seconds.



ID:
6216

Facility:
MT

Campus:
Rockville

Priority Score10



Quick Fix: Yes

Built before ADA: Yes

Location: Room 022 - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: General Guidance

The unisex restroom is not marked as accessible.

RECOMMENDATIONS

Provide signage indicating that the restrooms are accessible at a minimum height of 48" and a maximum height of 60" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 022 - Unisex Restroom

Schedule: 2023

Estimated Cost \$250.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.9, §404.2.8

The opening and closing force of the door exceeds the maximum force of 5 pounds. The closing speed of the door is too fast.

RECOMMENDATIONS

Adjust the resistance on the door so that it allows the doors to be continuously opened at a force not exceeding 5 pounds.

Adjust the closing speed of the door to ensure that closure takes 5 or more seconds.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 015 - Break Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The wipes holder protrudes into the circulation space.

RECOMMENDATIONS

Recess the wipes holder so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: No

Built before ADA: Yes

Location: Room 015 - Break Room

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §306.3.3

The sink counter does not have knee clearance.

RECOMMENDATIONS

Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 008 - Storage

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located on the inactive leaf.





Quick Fix: Yes

Built before ADA: Yes

Location: Room E3 - Elevator Cab 3

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the elevator is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 096 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room SD - Stair 4

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located to the right of the right hand door.





Quick Fix: No

Built before ADA: Yes

Location: Room 020 - Writing Center

Schedule: 2023

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §707

The interactive touch screen does not have any sound or tactile components. Therefore, a visually impaired person would not be able to access the information provided by the kiosk.

RECOMMENDATIONS

Audio instructions must be provided that guide the user through all the functions of the machine. Tactile instructions must be provided informing the user on the method of activating the audio instructions or ensure there is an accessible alternative print station.





Quick Fix: No
Built before ADA: Yes

Location: Room 020 - Writing Center

Schedule: 2023

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §904.4.1

The counter height exceeds the maximum height of 36".

RECOMMENDATIONS

A portion of the service counter must be lowered to be no higher than 36" above the floor for a horizontal distance of 36".

An alternative would be to provide a supplementary table or extension that is a maximum of 36" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 017 - Conference Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 092 - Vestibule

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 010 - Field Equipment Charging

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located on the inactive leaf.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 098 - Loading Dock

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.4, §703

Door serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the base





Quick Fix: Yes

Built before ADA: Yes

Location: Basement

Schedule: 2023

Estimated Cost \$400.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 096 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: No
Built before ADA: Yes

Location: Room 009D - Audio Booth

Schedule: 2024

Estimated Cost \$2,500.00

VIOLATIONS

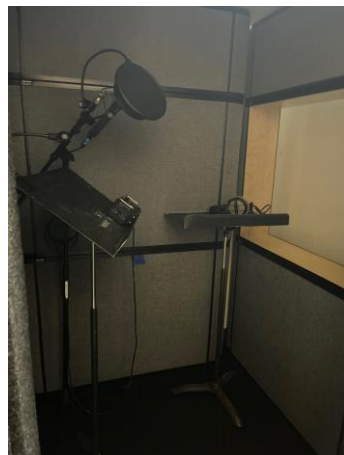
2010 ADA Standards for Accessible Design Codes: §404.2.5, §404.2

The threshold at the doorway exceeds the maximum allowable threshold of 0.5". The doorway is not wide enough for a wheelchair to fit through.

RECOMMENDATIONS

Reduce the lip on the door to no more than 1/2" to 3/4" if beveled on each side.

Increase the door width to a minimum of 32" or ensure an accessible alternative audio booth is available for wheelchair users.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 009 - Hallway

Schedule: 2023

Estimated Cost \$100.00

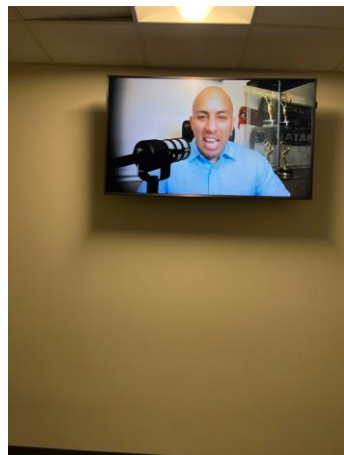
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 009A, 009P, and 010 - Editing Suites, Audio Booth, and Field Equipment Charging

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 095 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 090 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 009, 001C ,001B - Hallway, Electrical, and Mechanical

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms E1 and E2 - Elevator Cab 1 and 2

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 002 - Swing Space

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001D - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser protrudes into the circulation space.

RECOMMENDATIONS

Recess the paper towel dispenser so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001D - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2, §308.2.1

The hand dryer protrudes into the circulation space.

RECOMMENDATIONS

Recess the hand dryer so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001E - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser protrudes into the circulation space.

RECOMMENDATIONS

Recess the paper towel dispenser so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001E - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer protrudes into the circulation space.

RECOMMENDATIONS

Recess the hand dryer so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001E - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001E - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The lock controls are not operable with one hand, without grasping, pinching or twisting of the wrist.

RECOMMENDATIONS

Replace the door lock with one that can be operated with one hand, requiring less than 5 pounds of force to operate.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001E - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.8.1.2

The door is not self-closing.

RECOMMENDATIONS

Install a self closing door hinge on the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001D - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: No

Built before ADA: Yes

Location: Room 090 - Corridor

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §211.2, §602.4, §307.2

There is only one drinking fountain provided and the spout is 38" above the floor. The drinking fountain protrudes 8" into the circulation path.

RECOMMENDATIONS

Install an additional drinking fountain at a maximum spout height of 36" above the floor. Place a drinking fountain skirt at this location to provide cane detectability.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001 - Vending/Lounge

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The pipes protrude into the circulation space.

RECOMMENDATIONS

Recess the pipes so they protrude a maximum of 4", lower it so the bottom edge is 27" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 002 - Swing Space

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 001A - Custodial

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes
Built before ADA: Yes

Location: Room 090 - Corridor

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

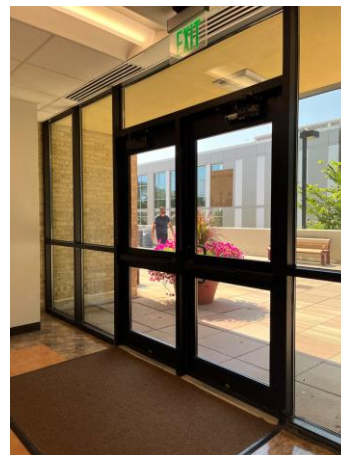
2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room SA - Stair 1

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 102 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2, §404.2.4.1

The wipe holder protrudes into the circulation space and causes there to in insufficient maneuvering clearance at the door.

RECOMMENDATIONS

Recess the wipe holder so it protrudes a maximum of 4" or relocate it away from the doorway.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 102 - Office

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Left Bathroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.8

The closing speed of the door is too fast.

RECOMMENDATIONS

Adjust the closing speed of the door to ensure that closure takes 5 or more seconds.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 104C and 104B - Unisex Restrooms

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The locks are 50" above the floor.

RECOMMENDATIONS

Lower the locks to a height between 15" and 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

The corridor width itself meets ADA requirements, but the maneuvering clearances is insufficient to be considered accessible.

RECOMMENDATIONS

Add an automatic door opener to make the doorway/corridor accessible and relocate the changing table and hand dryer to ensure there is a minimum of 60" perpendicular to the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser protrudes into the circulation space.

RECOMMENDATIONS

Recess the paper towel dispenser so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The hand dryer protrudes into the circulation space.

RECOMMENDATIONS

Recess the hand dryer so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$100.00

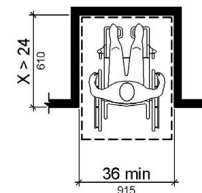
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §305.7.1

There is insufficient maneuvering clearance in a forward approaching sink.

RECOMMENDATIONS

Recess the paper towel dispenser or relocate it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104C - Unisex Bathroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The lock on the door requires pinching of the fingers to operate.

RECOMMENDATIONS

Replace the lock on the door with one that does not require tight grasping, pinching, or twisting of the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104B - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

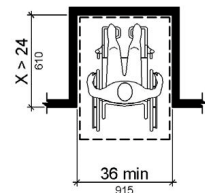
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §305.7.1

There is insufficient maneuvering clearance in a forward approaching alcove due to the cabinet.

RECOMMENDATIONS

Relocate the cabinet.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104B - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirror is too high to be accessible.

RECOMMENDATIONS

Lower the mirror so that its bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104B - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

There is not adequate maneuvering clearance to operate the door.

RECOMMENDATIONS

Reocate the cabinet.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104B - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The lock on the door requires pinching of the fingers to operate.

RECOMMENDATIONS

Replace the lock on the door with one that does not require tight grasping, pinching, or twisting of the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104B - Unisex Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.8

The closing speed of the door is too fast.

RECOMMENDATIONS

Adjust the closing speed of the door to ensure that closure takes 5 or more seconds.





Quick Fix: Yes

Built before ADA: Yes

Location: Room SB - Stair 2

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room SB - Stair 2

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 190 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The bleed control unit protrudes into the circulation space.

RECOMMENDATIONS

Recess the bleed control unit so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 190 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The AED protrudes into the circulation space.

RECOMMENDATIONS

Recess the AED so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104D - Telephone

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 104B and 104C - Unisex Restrooms

Schedule: 2023

Estimated Cost \$200.00

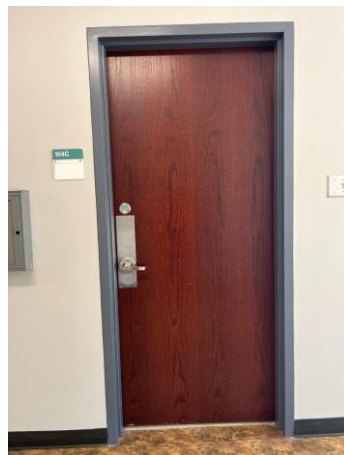
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: General Guidance

The accessible restrooms on the first floor are not marked as accessible.

RECOMMENDATIONS

Provide signage indicating that the restrooms are accessible at a minimum height of 48" and a maximum height of 60" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 104A - Elevator Machine

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 104A-104C - Elevator and Restrooms

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

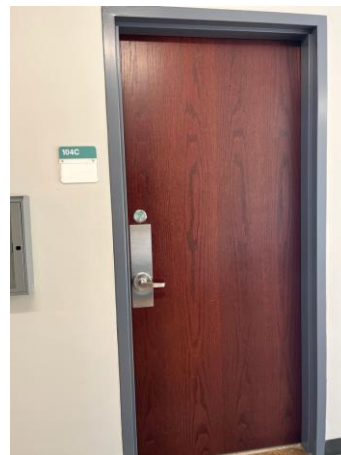
2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 190 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage to the right of the right hand door at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Location: Room 190 - Corridor

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign to the right of the right hand door, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 107A - Mechanical

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 107A, 108, and 109 - Mechanical, Office, and Lounge

Schedule: 2023

Estimated Cost \$300.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 109 - Lounge

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The paper towel dispenser is 60" above the floor.

RECOMMENDATIONS

Lower the paper towel dispenser to a height between 15" and 48" above the floor.





Quick Fix: No
Built before ADA: Yes

Location: Room 109 - Lounge

Schedule: 2024

Estimated Cost \$2,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §306.3.3, §902.3

There is no knee clearance underneath the sink.
The counter and sink height exceeds the maximum height of 34".

RECOMMENDATIONS

Provide knee clearance underneath the counter at the sink that is a minimum of 11" deep at 9" above the floor and 8" deep at 27" above the floor.

A 30" portion of the dining and work surface must be no higher than 34" above the floor. Lower the sink to a height of 34" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 108, 109, and 111 - Offices and Lounge

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix:

Built before ADA: Yes

Location: Room 111 - Office

Schedule: 2024

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the sign at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix:

Built before ADA: Yes

Location: Room 111 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

There is not adequate maneuvering clearance to operate the door.

RECOMMENDATIONS

Relocate the copier.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112 - Library

Schedule: 2023

Estimated Cost \$400.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The display cabinets protrude into the circulation space.

RECOMMENDATIONS

Place a cane detectable object beneath the display cabinets to ensure they are cane detectable.





Quick Fix: No

Built before ADA: Yes

Location: Room SE - Stair 5

Schedule: 2024

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §505.7.2

The handrails do not have a compliant non-circular cross section.

RECOMMENDATIONS

Install new handrails with a non-circular cross section diameter of 4" minimum and 6.25" maximum.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113A - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.8

The closing speed of the door is too fast.

RECOMMENDATIONS

Adjust the closing speed of the door to ensure that closure takes 5 or more seconds.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113A - Women's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser protrudes into the circulation space.

RECOMMENDATIONS

Recess the paper towel dispenser so it protrudes a maximum of 4" or place a cane detectable object beneath it.





Quick Fix: No

Built before ADA: Yes

Location: Room 113A - Women's Restroom

Schedule: 2024

Estimated Cost \$5,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §213.3.1, §604.8.2.1

There is not a wheelchair accessible stall in the restroom.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113A - Women's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirrors are too high to be accessible.

RECOMMENDATIONS

Lower at least one of the mirror so that the bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.8

The closing speed of the door is too fast.

RECOMMENDATIONS

Adjust the closing speed of the door to ensure that closure takes 5 or more seconds.





Quick Fix: No

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2024

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2.4.1

There is not adequate maneuvering clearance to operate the door.

RECOMMENDATIONS

Change the direction that the door swings or add an automatic door opener.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The paper towel dispenser and hand dryer protrude into the circulation space.

RECOMMENDATIONS

Recess the paper towel dispenser and hand dryer so they protrude a maximum of 4" or place a cane detectable object beneath them.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §604.7

The toilet paper dispenser is not located in an accessible position.

RECOMMENDATIONS

Remount the toilet paper dispenser on the sidewall at 7" minimum and 9" maximum in front of the water closet measured to the centerline of the dispenser.





Quick Fix: No

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2024

Estimated Cost \$5,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §213.3.1, §604.8.2.1

There is not a wheelchair accessible stall in the restroom.

RECOMMENDATIONS

Combine the two non-accessible stalls into one 60" wide wheelchair accessible toilet stall, complying with §604.8.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 113B - Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §603.3

The mirrors are too high to be accessible.

RECOMMENDATIONS

Lower at least one of the mirrors so that the bottom edge is a maximum height of 40" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 113A and 113B - Women's and Men's Restroom

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112B - Mechanical

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112B - Mechanical

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located on the inactive leaf.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 110A and 112A - Custodial and Mechanical

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile signs identifying the rooms are not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Rooms 110A - Custodial

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2

The tactile sign identifying the room does not have an 18"x18" clear floor space.

RECOMMENDATIONS

Relocate the garbage can to ensure that there is a minimum of an 18"x18" clear floor space centered on the room signage.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 110A - Custodial

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 110 - Library Service

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.2, §703

There is no tactile sign identifying the permanent room.

RECOMMENDATIONS

Install tactile signage on the latch side of the doorway at a height of 48" minimum to 60" maximum above the floor, complying with §703 to identify each permanent room by name and room number.

Signs shall be Braille with raised lettering and should be placed in the center of an 18"x18" clear floor space.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 111A - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112 - Library

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1, §307.2

The wipes holder protrudes 5" into the circulation space.

The wipes holder is outside of the unobstructed forward reach range.

RECOMMENDATIONS

Recess the wipes holder so it protrudes a maximum of 4" or place a cane detectable object beneath it.

Lower the wipes holder to a height between 15" and 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 111B - Technology Services

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: No
Built before ADA: Yes

Location: Room 112 - Library

Schedule: 2023

Estimated Cost \$2,500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §707

The interactive touch screen does not have any sound or tactile components. Therefore, a visually impaired person would not be able to access the information provided by the kiosk.

RECOMMENDATIONS

Audio instructions must be provided that guide the user through all the functions of the machine. Tactile instructions must be provided informing the user on the method of activating the audio instructions. Controls to operate the kiosk must meet the requirements in §707. Or ensure an accessible printer is available.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112C - Group Study Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112C - Group Study Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112D - Group Study Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2

The TV protrudes into the circulation space.

RECOMMENDATIONS

Recess the TV so it protrudes a maximum of 4", raise it so the bottom edge is 80" maximum above the floor, or place a cane detectable object beneath it.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112D - Group Study Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2, §308.2.1

The wipes holder protrudes into the circulation space.
The wipes holder is outside of the unobstructed forward reach.

RECOMMENDATIONS

Recess the wipes holder so it protrudes a maximum of 4" or place a cane detectable object beneath it.
Lower the wipes holder to a height between 15" and 48" above the floor.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 112D - Group Study Room

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4.2, §703.4

The tactile sign identifying the room does not have an 18"x18" clear floor space.
The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Relocate the wipes holder to ensure that there is a minimum of an 18"x18" clear floor space centered on the room signage.

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room SC - Stair 3

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

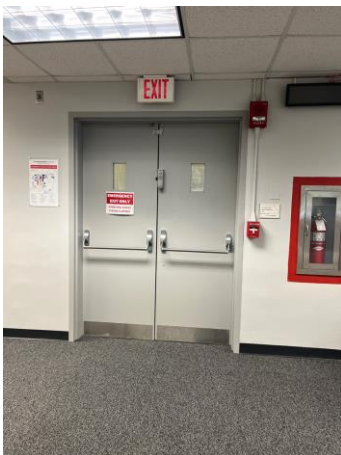
2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 114A - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

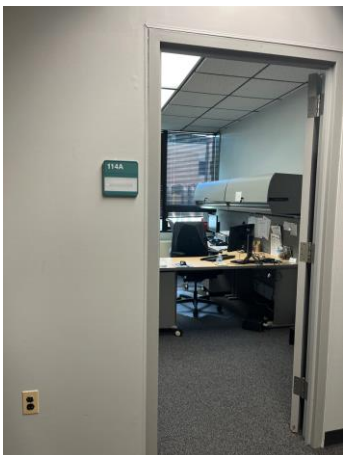
2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 114 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4

The tactile sign identifying the room is not in the correct location.

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 114 and 114A - Offices

Schedule: 2023

Estimated Cost \$200.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knobs require twisting of the wrist.

RECOMMENDATIONS

Replace the door knobs with lever handles that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: No

Built before ADA: Yes

Location: Room 113 - Library

Schedule: 2024

Estimated Cost \$1,000.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §404.2

The doorways on the cubicles are not wide enough for a wheelchair to fit through.

RECOMMENDATIONS

Increase the door width on one of the cubicles to a minimum of 32".
Ensure at least 5% of the cubicles are accessible with a larger door opening and interior space or ensure an alternative work space is provided.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 116 - Library

Schedule: 2023

Estimated Cost \$100.00

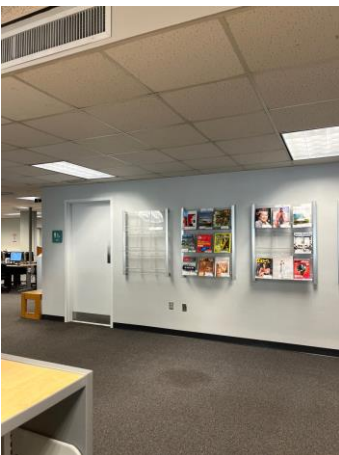
VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §308.2.1

The magazines are outside of the unobstructed forward reach range.

RECOMMENDATIONS

Lower the magazines to a height between 15" and 48" above the floor.





Location: Room SD - Stair 4

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §216.4, §703

Doors serving as exits are not marked by tactile signage.

RECOMMENDATIONS

Place a tactile exit sign, that complies with §703.1, §703.2 and §703.5, identifying the exit doors.

Install missing signage at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 115 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §309.4

The door knob requires twisting of the wrist.

RECOMMENDATIONS

Replace the door knob with a lever handle that can be operated with a closed fist and without the twisting the wrist.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 115 - Office

Schedule: 2023

Estimated Cost \$100.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §703.4, §703.4.2

The tactile sign identifying the room is not in the correct location.

The tactile sign identifying the room does not have an 18"x18" clear floor space

RECOMMENDATIONS

Reinstall the signs at 48" minimum above the floor measured from the baseline of the lowest character and 60" maximum measured from the baseline of the highest character.

Relocate the filing cabinet to ensure that there is a minimum of an 18"x18" clear floor space centered on the room signage. Signs shall be located alongside the latch side of the door.





Quick Fix: Yes

Built before ADA: Yes

Location: Room 102 - Office

Schedule: 2023

Estimated Cost \$500.00

VIOLATIONS

2010 ADA Standards for Accessible Design Codes: §307.2, §404.2.4.1

The wipes holder protrudes into the circulation space.
There is not adequate maneuvering clearance to operate the door.

RECOMMENDATIONS

Recess the wipes holder so it protrudes a maximum of 4" or place a cane detectable object beneath it.
Change the direction that the door swings or expand the area for which the door opens by removing obstructions to create more clear floor space.

