

ANTHONY MUNOZ COMMUNITY CENTER GYMNASIUM SIGNAGE PROGRAM

CONSTRUCTION DRAWINGS / BID DOCUMENT

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SEC. 1.00 GENERAL REQUIREMENTS

1.01 Preferred Sign Contractors

The work in this section must be provided by one of the following manufacturers:

SignGroup/Karman
9812 Independence Avenue
Chatsworth, CA 91311
Attn: Jack Minden
818-998-3636

Neiman & Company Architectural Signage
6842 Valjean Avenue
Van Nuys, CA 91406
Attn: Will Raskin
818-781-8600

TFN Architectural Signage
527 Fee Ana Street
Placentia, CA 92870
Attn: Cheryl Gilliam
714-556-0990

1.02 Description

- A. Sign components presented in this document are for Construction purposes only. Sign Contractor’s shop drawings shall be used as the final construction documents and shall include construction, engineering and installation details required for implementing the designs described herein.
- B. All designs shown herein shall be fabricated from the sign specification drawings bound herein, which shall control all visual proportions and details, colors, materials, and finishes, unless specifically noted otherwise. All structural details, fastenings, engineering, installations and other construction or fabrication methodology of a technical nature shall become the sole responsibility of the Sign Contractor and details for fabrication shall be presented as such via the Sign Contractor’s shop drawings.
- C. Upon award of the contract, designs shown herein shall be furnished by the Designer in an electronic format (Macintosh / Adobe Illustrator) to be utilized in the production of sign layouts and lettering. Final size adjustments (going from small drawings to full size sign layouts) shall be the responsibility of the Sign Contractor.
- D. The Sign Contractor shall be responsible for the quality of all materials and workmanship required for the execution of this contract, including materials and workmanship of any firms or individuals who act as his subcontractors. The Sign Contractor shall be responsible for providing subcontractors with complete and up-to-date drawings, specifications, sign schedules and information issued for this project.
- E. The Sign Contractor shall provide company history information, including photographic documentation of at least three completed projects of similar size, scope, components, materials and fabrication techniques.
- F. Principal work in this Section:

1. Fabricated aluminum monument sign with internally illuminated, push-thru acrylic letters.

2. Fabricated aluminum pylon sign with applied vinyl graphics.

3. Multi-layered aluminum pylon signs with applied vinyl graphics.

4. Aluminum plate sign panels mounted to rectangular aluminum posts.
5. Cut-out dimensional aluminum letters mounted to building.
6. Vinyl graphics applied to project entry glass and exterior door surface.
7. Painted aluminum sign backers with chemically etched metal sign faces with raised Braille /tactile and screen printed graphics.
8. Painted aluminum plate sign panels with applied vinyl graphics.
9. Fabricated aluminum cabinet with digital print site map and internal, concealed LED illumination.
10. Painted acrylic sign backers with chemically etched photopolymer sign faces with raised Braille/tactile and screen printed graphics.
11. Cut-out acrylic letters with painted finish mounted to interior casework surfaces.
12. Multi-layered acrylic sign panels with changeable paper inserts.
13. Painted acrylic sign panels with direct digital print or screen print graphics.
14. Fabricated aluminum stanchions with, non-glare, multi-layered acrylic sign faces with surface mask painted border to accommodate a changeable paper insert.
15. Fabricated aluminum blade signs with waterjet cut ball symbol and applied vinyl graphics.
16. All supplementary parts and components, hardware, mounting adhesives or other miscellaneous supports and materials required for a complete and thorough installation.

1.03 Work Included

Furnish labor, materials, equipment and services necessary and reasonably incidental to complete fabrication, installation and delivery of signs as specified. Sign Contractor shall provide all materials, equipment, services, labor, tools, and supplies to fulfill completion of this contract. Materials not specifically described but required for a complete and proper installation shall be provided by the Sign Contractor.

1.04 Samples and Submittals

- A. Submit the following qualifications with your bid: Identify three signage programs of similar size, scope and sign products. Identify which sign products will be manufactured in-house, and which products will be sub-contracted. Provide the name and address of the client project manager. Provide literature from your firm indicating your expertise and experience.
- B. Upon being awarded this project submit a production schedule indicating key project dates for meetings, submittal of shop drawings, samples, prototypes and site inspections. Verify with the owner any necessary permits and inspections required for this project.
- C. Submit the following samples and submittals in accordance with the project production / installation schedule.

1. Submit to Owner’s Representative, fully dimensioned shop drawings via email in PDF format of all sign types, clearly indicating construction materials and attachments for typical sign components and layouts showing number of lines of text or other unique configurations. Drawings shall show fabrication methods, finishes, anchorage, connections and other details of construction that are not shown in drawings herein. Shop drawings

shall also include sign location plans utilizing sign type number references used in this document. If all sign layouts are not included in the shop drawings, message schedules will be required. Where applicable, show relation to supporting and adjacent work. Furnish location detail drawings for signs supported or anchored to other construction. The Sign Contractor shall be required to obtain an approved set of shop drawings (signed-off by the Owner’s Representative) prior to fabricating any sign products.

2. Project submittal samples required for this project:

a. Submit three sets of finish samples, paint samples or vinyl film samples where applicable, (6” x 6” sample for each color) for all interior and exterior sign colors. All samples to provided on the specified substrate.

Note: All colors shall be reviewed and approved prior to producing any final sign products. One set of swatches shall be furnished for permanent record, one for the Owner’s Representative, and one shall be returned to Contractor with approved sign-off.

b. Prior to producing any signs, submit full size layouts for all signs in PDF format for review and approval.

c. Submit one full-size prototype unit for each of the following (all to be submitted in one package):

The following items will be retained by the Owner’s Representative for file records and performance verification (non-usable for project):

Sign types: R1.00 (partial 12” top and bottom section with applied vinyl graphics), R8.00 (partial 12” x 12” section), R9.00 (partial 24”x 24” fully-operational monolith section), X1.00 (one full-size letter “G”), X5.00, X21.00 (partial 18” top section of door and post) A1.00, A2.00 (one full-size letter “R”), A7.00 (with backer plate), A16.00 (partial top section with multi-layered acrylic sign panel) and A20.00 (12” x 12” partial section of waterjet cut symbol and mounting bracket
3. The Owner reserves the right to add or to otherwise modify sign text and lettering layout during the shop drawing review phase at no additional cost to the Owner.
4. Prototypes of all signs utilizing Braille/Tactile graphics shall be submitted to the Owner for review and approval, prior to fabrication.
5. Submit manufacturer’s technical data and installation instructions for each type of sign and / or sign material as requested by the Owner’s Representative. Cut sheets and product technical information shall be submitted to the Owner’s Representative within five days from written request date.
6. Provide manufacturer’s technical data and installation instructions for each type of sign and / or sign material. Cut sheets and product technical information shall be provided to the Owner’s Representative within seven days from start-up meeting.
- D. With close-out submittals, furnish the following to the Owner’s Representative:

1. Two copies of the sign manufacturers recommended maintenance products, and recommended maintenance methods and procedures.

2. Contractor to provide a complete set of as-built drawings in print and electronic formats specified by the Owner Representative.

- 1.05 Quality Assurance

A. Use only thoroughly experienced personnel, skilled with the products and methods for fabrication and installation of signing specified. Manufacturer shall be able to demonstrate five years or more fabrication experience in the architectural graphics industry.

B. Work done and materials furnished shall be of superior quality in every respect.

C. Sign Contractor shall provide a single project manager that shall be the contact person who is responsible for communications about this work throughout the entire project. Sign Contractor shall not remove the project manager without prior notice and approval of the Owner’s Representative.

D. Contractor shall restore and / or repair, at no cost to the Owner, any architectural finishes or features that are disturbed by the Contractor during sign installations.

- 1.06 Typography

A. Designs shown herein shall be furnished by the Owner in an electronic digital format to be utilized in the production of sign layouts and lettering. Owner will furnish an electronic copy of the drawings shown herein and Signage Contractor shall create multiple layouts that match these original designs and letter spacing guidelines. Layout proofs shall be submitted by the Contractor to the Owner’s Representative via shop drawings as noted in Sec 1.03 for approval and sign-off.

B. All lettering shall utilize the tpestyles and symbols indicated on Design Intent drawings herein. Contact Owner’s Representative for information about fonts and symbols used. Substitutions will not be allowed.

C. Letter forms and symbols shall be photographically precise, crisp, clean and free of ticks, discontinuous curves, free of line waves, cut or ragged edges, edge build-up, bleeding, surface pinholes, and other imperfections. Letter forms shall conform to the prescribed letter form proportions.

D. Unless otherwise indicated, letter forms shall be aligned to maintain a baseline parallel to the sign format.

E. All typography shall match intended scaled drawing layouts. Actual sign copy shall be as shown in a Message Schedule. Emergency equipment and evacuation symbols (for life safety evacuation maps, where used) shall be located and graphically positioned as necessary for each unique map location. Verify copy and symbol locations with associated fire authority and Owner’s Representative prior to fabrication or installation of any signs.

Significant typographic changes from examples shown herein shall be brought to the attention of the Owner’s Representative.

F. Message copy shall be as specified on Message Schedule herein. Discrepancies between the Message Schedule and the Sign Drawings shall be brought to the attention of the Owner’s Representative for clarification.

- 1.07 Americans with Disabilities Act Compliance / California Sign Codes

A. Where applicable, all signs shall conform to regulations of the Americans with Disabilities Act (ADA) and current California Sign Codes (Titles 19 and 24) including letter styles, California Braille, symbols, tactile graphics, wording, materials, finishes, and installation.

B. Contractor’s Responsibility: Any discrepancies on interpretation of ADA sign guidelines shall be brought to the attention of the Owner Representative. Contractor shall be responsible for

interpreting current code requirements (at beginning of fabrication phase) and advise Owner’s Representative if current code requirements differ from the specs and drawings in this document.

- C. Owner Review of Braille/Tactile Signs: Prototypes of all signs utilizing Braille/Tactile graphics shall be submitted to the Owner for review and approval, prior to fabrication.

Note: Non-compliant, code required signs that are fabricated and installed by the Contractor shall be replaced at no cost to the Owner.

1.08 Field Dimensions and Site Conditions

The Sign Contractor shall be responsible for taking accurate field measurements as required to verify or supplement dimensions indicated herein and shall be responsible for accurate fit of all signs at site. Any discrepancies shall be brought to the attention of the Owner’s Representative.

After the contract has been awarded, the sign contractor shall review preliminary sign locations with the Owner Representative via a field survey to discover installation issues related to engineering, electrical and landscaping and to identify exact sign locations for the purpose of finalizing the description of hardware products necessary to install signs properly. This shall include the analysis of site conditions and the verification of conditions suitable for the project, including existing steel post and light pole weight and wind load capabilities. Structural calculations shall be provided by the Sign Contractor and shall be authorized by a California licensed Engineer, and stamped as such.

1.09 Sign Permits

- A. Unless otherwise noted in writing, sign permits (if required by law) shall be the responsibility of the Sign Contractor. This shall include (but not be limited to) electrical, building, and other construction permits required by Applicable Code Requirements. Before starting work on this project, confirm permit requirements with Owner’s Representative.
- B. Owner’s Representative shall be notified if design content of any signs shall require review by local committees or commissions and Owner’s Representatives shall be responsible for aesthetic approvals.

1.10 Exterior Appearance / Engineering

Details shown on the drawings herein shall be followed for exterior appearance only. Contractor may change interior construction shown on these details to conform with shop practices. Alternative fabrication methods or material substitutions shall be identified in the Sign Contractors bid and fully indicated on Sign Contractor shop drawings. Engineering for structural integrity and a safe permanent installation shall be the sole responsibility of the Sign Contractor. Engineering for exterior signs including wind load calculations, sign footings and foundations shall be reviewed, approved and signed off by a licensed State of California engineer. Sign attachments and other mechanical fastening shall be provided by Sign Contractor in shop drawings. Construction changes affecting designs must be submitted to the Owner’s Representative in shop drawings for sign-off approval.

1.11 Substitutions / “Or Approved Equal”

Bidders who intend to offer product substitutions of any kind shall be required to submit actual substitution samples and a written request for substitution at least five calendar days prior to the bid opening date (or if award is through the project General Contractor, within the first ten days of the project). It may be in the bidders best interest to submit a quotation for the specified products exactly as they are shown, then to offer alternates as options to the Owner Representative. In either case, the Owner Representative shall require actual product samples prior to the bid date for alternate product consideration. Where the term “or approved equal” is used, Contractor shall be allowed to utilize

alternate products provided they meet or exceed design intent as noted herein. Substitutions shall conform to substitution criteria stipulated above and shall be presented to the Owner Representative prior to the bid opening date.

1.12 Warranty

- A. The Sign Contractor shall unconditionally guarantee all products for one (1) year, from the date of installation, to be free from defects such as cracking, peeling, abnormal fading or discoloration, delamination, spalling, pinholes, staining, gloss reduction rusting or other adverse conditions due to quality of any materials or workmanship in manufacture or installation.
- B. During the warranty period, the Sign Contractor agrees to restore defective work to the standard of contract documents without cost to the Owner, including all product materials and associated labor.

1.13 Delivery Schedule / Sign Storage due to unforeseen delay

- A. Signs shall be delivered and installed as noted in the project schedule. No exceptions shall be permitted unless approved in writing by the Owner’s Representative.
- B. Upon written request by Owner’s Representative, Contractor shall delay installation and delivery of sign products for a specific stated period. The Sign Contractor shall warehouse sign components and delay sign installations up to one hundred and twenty (120) days at no additional expense to Owner.

END OF SECTION 1

SEC. 2.00 PRODUCTS / MATERIALS

2.01. Fabricated Aluminum Monolith with Internally Illuminated, push-thru graphics.
Sign type: R9.00.

Description Sign type R9.01: Internally illuminated, fabricated aluminum sign moonlit with push-thru acrylic letters and match-cut aluminum plate letter faces, and aluminum plate cladding. All welds shall be ground smooth. Monolith fabrication shall have a seamless appearance. Monolith is supported by a poured-in-place concrete footing with round steel post vertical supports.

- A. Concrete footing: Contractor shall provide structural steel as required and shall submit concrete mix specifications and any structural calculations for approval with shop drawings. Structural calculations shall be by a California licensed Engineer, and stamped as such.
 - 1. After the contract has been awarded, the sign contractor shall review preliminary sign location with the Owner’s Representative via a field survey to discover installation issues related to engineering and landscaping and to identify near exact sign location for the purpose of finalizing the description of hardware products necessary to install sign properly. This shall include the analysis of site conditions and the verification of conditions suitable for the project.
 - 2. Concrete footings shall be poured in place on-site. Contractor shall verify all fabrication / installation details which shall be presented and verified as part of the shop drawing review.
 - 3. All concrete shall be 2,500 PSI @ 28 days (minimum requirement)
 - 4. Footings shall require over-excavation of at least 18” and a recompaction of soil to at least (90%) ninety percent.

5. The slump of the concrete shall not exceed 5". Minimum cement content shall be five (5) sack with a super plasticizer to allow for practical placement and consolidation of concrete. Cement type shall not vary throughout the project. Vibrate concrete to eliminate bubbles.
6. Reinforcing bars shall be intermediate grade deformed bars conforming to ASTM A615 Grade 40. All reinforcing shall be bent and placed according with the "Code of Standard Practice and the Specifications for Placing Reinforcing Steel of the Concrete Reinforcing Steel Institute."
7. Where bars are spliced, they shall be lapped a minimum of 32 bar diameter or 24 inches, whichever is greater. Forms shall not be removed or disturbed for 24 hours when supporting vertical surfaces.
8. Final installation site work shall meet or exceed existing construction standards for a safe, permanent and thorough installation.
- B. Fabricated Aluminum Monolith Construction:

1. Sign Panel and Monolith Frame Construction: Sign Panel and Monolith frames shall be fabricated from extruded .25" aluminum or better utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in sign type drawings.

2. Sign Panel and Monolith Cladding: Sign cladding shall be made from solid aluminum plate utilizing alloy #6063. Panels shall be flat and flush to mounting surface. Buckling or oil canning shall be unacceptable.

3. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.

4. Weatherproofing: At all joints where aluminum meets concrete surfaces, provide weatherproofing materials with twenty-year durability cycle. All weatherproofing shall be hidden from view so as not to obstruct the external appearance of the sign in any way. Weep holes, breathing holes and other mechanical details shall be shown in shop drawings.

5. Painted aluminum shall be primed and painted as noted under finishes.
- C. Push-Thru Acrylic and Match-cut Aluminum Letter faces:

1. Letters shall be match-cut, push-through lettering utilizing acrylic as noted in drawings and waterjet-cut through solid plate aluminum utilizing appropriate aluminum alloy. Match-cut acrylic and aluminum plate letters shall be cut using a waterjet, computer guided cutting system. Cutting shall be direct from electronic artwork provided by the Owner Representative. All edges of acrylic and aluminum plate letters shall align and provide a flush appearance of all letter return edges. Letter returns shall be visually smooth and free of kerf marks or machine blemishes.

2. Painted aluminum plate letters shall be primed and painted as noted under finishes.
- D. Monolith mounting: Monolith mounts to footing and structural supports via mechanical fasteners as specified by a California Licensed Engineer and as indicated on Design Intent Drawings.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.
- E. Finish:

1. Monoliths shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:

a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew's Paint Co, Kenosha WI (800) 323-6593.

b. Coating shall be applied per manufacturer's specifications. Substrate shall be cleaned of any foreign substance such as oil, grease, dirt, etc.

c. Typical finish preparation and application shall consist of:

1. An acid-wash prime coat shall be applied per manufacturer's specifications.

2. Primer / filler seal coat shall be applied per manufacturer's specifications including dry film thickness.

3. Primer / filler coat shall be sanded smooth before top-coating and coated with a minimum of two applications of acrylic polyurethane in color indicated on the design drawings. Top-coating shall be applied per manufacturer's recommendations to a minimum total dry film thickness of 2.0 mil.

d. Coating Performance Criteria (in addition to above):

1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.

2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.

3. Pencil hardness: 2H minimum.

4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than "minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16" creepage or loss of adhesion from scribed line.

5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than "minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16" creepage or loss of adhesion from scribed line."

6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (Satin).

7. Adhesion: No removal of any finish after 1/16" cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.
- F. Lighting / Electrical:

1. Electrical wiring and equipment:
Provide electrical materials such as ballast's, transformers, connectors, and all other equipment which shall be new and shall be approved by Underwriters Laboratories, Inc (U.L.). The assembly of all components within the illuminated signs shall conform to all standards of Underwriters Laboratories, Inc. as published in the latest edition of "Standards for Sign safety" and all illuminated signs shall bear the U.L. label. All wiring and equipment shall be concealed within the sign structure. UL labels and other I.P. Information on exterior of signs shall be placed in an inconspicuous position as instructed by Owner Representative.

2.

Internal lighting fixture: Illumination shall be provided using white LED fixtures rated for extended durability cycles. Lighting shall be sufficient to evenly wash all graphic panels with no visible hot spots, unevenness or light leaks. Technical issues such as bulb arrangements (vertical vs. horizontal), even light dispersion and proper ventilation shall be the sole responsibility of the Sign Contractor. Placement of light fixtures to avoid condensation and provide even diffusion of light and related technical issues shall be indicated in shop drawings.
3.

Conduit and Devices:
Rigid steel conduit, junction boxes and associated devices in accordance with UBS standards. All junction boxes to be concealed.
4.

Contractor shall determine access to existing power source(s) and plan for appropriate voltage requirements (such as 110 or 220) prior to ordering light fixtures. This shall be finalized at pre-installation conference. Owner to provide electrical connections to within ten feet of each sign.

2.02. Fabricated Aluminum Pylon Signs with Applied Vinyl Graphics
Sign type: R1.00 and R2.00

Description: Fabricated aluminum pylons with seamless appearance and applied vinyl graphics. Pylons rest on a poured-in-place concrete footing and are supported interior round steel pipe supports and a fabricated aluminum plate sign base / saddle.

- A.

Concrete footing: Contractor shall provide structural steel as required and shall submit concrete mix specifications and any structural calculations for approval with shop drawings. Structural calculations shall be by a California licensed Engineer, and stamped as such.
1.

After the contract has been awarded, the sign contractor shall review preliminary sign location with the Owner’s Representative via a field survey to discover installation issues related to engineering and landscaping and to identify near exact sign location for the purpose of finalizing the description of hardware products necessary to install sign properly. This shall include the analysis of site conditions and the verification of conditions suitable for the project.
2.

Concrete footings shall be poured in place on-site. Contractor shall verify all fabrication / installation details which shall be presented and verified as part of the shop drawing review.
3.

All concrete shall be 2,500 PSI @ 28 days (minimum requirement)
4.

Footings shall require over-excavation of at least 18” and a recompaction of soil to at least (90%) ninety percent.
5.

The slump of the concrete shall not exceed 5”. Minimum cement content shall be five (5) sack with a super plasticizer to allow for practical placement and consolidation of concrete. Cement type shall not vary throughout the project. Vibrate concrete to eliminate bubbles.
6.

Reinforcing bars shall be intermediate grade deformed bars conforming to ASTM A615 Grade 40. All reinforcing shall be bent and placed according with the “Code of Standard Practice and the Specifications for Placing Reinforcing Steel of the Concrete Reinforcing Steel Institute.”
7.

Where bars are spliced, they shall be lapped a minimum of 32 bar diameter or 24 inches, whichever is greater. Forms shall not be removed or disturbed for 24 hours when supporting vertical surfaces.
8.

Final installation site work shall meet or exceed existing construction standards for a safe, permanent and thorough installation.

- B.

Pylon Construction:
1.

Pylon Frame Construction: Pylon frame shall be fabricated from extruded aluminum utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in sign type drawings.
2.

Sign Face Construction: Sign face shall be made from solid aluminum plate utilizing alloy #6063. Sign faces shall be flat and flush to mounting surface. Buckling or oil canning shall be unacceptable.
3.

All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
4.

Weatherproofing: At all joints where aluminum meets concrete surfaces, provide weatherproofing materials with twenty-year durability cycle. All weatherproofing shall be hidden from view so as not to obstruct the external appearance of the sign in any way. Weep holes, breathing holes and other mechanical details shall be shown in shop drawings.
5.

Painted aluminum shall be primed and painted as noted under finishes.
- C.

Applied Vinyl Graphics:
1.

Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.
- D.

Finish:
1.

Pylons shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:
- a.

Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co, Kenosha WI (800) 323-6593.
- b.

Coating shall be applied per manufacturer’s specifications. Substrate shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
- c.

Typical finish preparation and application shall consist of:
1.

An acid-wash prime coat shall be applied per manufacturer’s specifications.
2.

Primer / filler seal coat shall be applied per manufacturer’s specifications including dry film thickness.
3.

Primer / filler coat shall be sanded smooth before top-coating and coated with a minimum of two applications of acrylic polyurethane in color indicated on the design drawings. Top-coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.
- d.

Coating Performance Criteria (in addition to above):
1.

Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
2.

Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
3.

Pencil hardness: 2H minimum.

- 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
- 5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
- 6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
- 7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

2.03. Multi-Layered Aluminum Pylon Signs with Applied Vinyl Graphics

Sign type: R4.00, R6.00, and R7.00

Description: Multi-layered aluminum pylons are comprised of welded aluminum plate pylons with attached aluminum plate sign faces with applied vinyl graphics and attached aluminum back plates .

- A. Concrete footing: Contractor shall provide structural steel as required and shall submit concrete mix specifications and any structural calculations for approval with shop drawings. Structural calculations shall be by a California licensed Engineer, and stamped as such.
 - 1. After the contract has been awarded, the sign contractor shall review preliminary sign location with the Owner’s Representative via a field survey to discover installation issues related to engineering and landscaping and to identify near exact sign location for the purpose of finalizing the description of hardware products necessary to install sign properly. This shall include the analysis of site conditions and the verification of conditions suitable for the project.
 - 2. Concrete footings shall be poured in place on-site. Contractor shall verify all fabrication / installation details which shall be presented and verified as part of the shop drawing review.
 - 3. All concrete shall be 2,500 PSI @ 28 days (minimum requirement)
 - 4. Footings shall require over-excavation of at least 18” and a recompaction of soil to at least (90%) ninety percent.
 - 5. The slump of the concrete shall not exceed 5” . Minimum cement content shall be five (5) sack with a super plasticizer to allow for practical placement and consolidation of concrete. Cement type shall not vary throughout the project. Vibrate concrete to eliminate bubbles.
 - 6. Reinforcing bars shall be intermediate grade deformed bars conforming to ASTM A615 Grade 40. All reinforcing shall be bent and placed according with the “Code of Standard Practice and the Specifications for Placing Reinforcing Steel of the Concrete Reinforcing Steel Institute.”

- 7. Where bars are spliced, they shall be lapped a minimum of 32 bar diameter or 24 inches, whichever is greater. Forms shall not be removed or disturbed for 24 hours when supporting vertical surfaces.
- 8. Final installation site work shall meet or exceed existing construction standards for a safe, permanent and thorough installation.

B. Multi-Layered Pylon Construction:

- 1. Pylons shall be comprised of 1/2” thick welded aluminum plate pylons and 1/4” thick aluminum plate sign faces and back plates utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in sign type drawings.
- 2. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
- 3. Painted aluminum shall be primed and painted as noted under finishes.

C. Pylon Mounting: Pylons shall mount to concrete footing via anchor method indicated on Design Intent Drawings.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

D Applied Vinyl Graphics:

- 1. Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.

E. Finish:

- 1. Monoliths shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:
 - a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co, Kenosha WI (800) 323-6593.
 - b. Coating shall be applied per manufacturer’s specifications. Substrate shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
 - c. Typical finish preparation and application shall consist of:
 - 1. An acid-wash prime coat shall be applied per manufacturer’s specifications.
 - 2. Primer / filler seal coat shall be applied per manufacturer’s specifications including dry film thickness.
 - 3. Primer / filler coat shall be sanded smooth before top-coating and coated with a minimum of two applications of acrylic polyurethane in color indicated on the design drawings. Top-coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.
 - d. Coating Performance Criteria (in addition to above):

1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
3. Pencil hardness: 2H minimum.
4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than "minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16" creepage or loss of adhesion from scribed line.
5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than "minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16" creepage or loss of adhesion from scribed line."
6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
7. Adhesion: No removal of any finish after 1/16" cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

2.04 Aluminum Plate Sign Faces Mounted to Rectangular Aluminum Posts

Sign type: R3.00 and R5.00

Description: Aluminum plate sign faces with welded aluminum brackets and applied vinyl graphics are mounted to rectangular aluminum posts with welded, capped posts. Signs utilize interior aluminum vertical supports to allow for maintenance or repair.

- A. Concrete footing: Contractor shall provide structural steel as required and shall submit concrete mix specifications and any structural calculations for approval with shop drawings. Structural calculations shall be by a California licensed Engineer, and stamped as such.
1. After the contract has been awarded, the sign contractor shall review preliminary sign locations with the Owner's Representative via a field survey to discover installation issues related to engineering and landscaping and to identify near exact sign location for the purpose of finalizing the description of hardware products necessary to install sign properly. This shall include the analysis of site conditions and the verification of conditions suitable for the project.
 2. Concrete footings shall be poured in place on-site. Contractor shall verify all fabrication / installation details which shall be presented and verified as part of the shop drawing review.
 3. All concrete shall be 2,500 PSI @ 28 days (minimum requirement)
 4. Footings shall require over-excavation of at least 18" and a recompaction of soil to at least (90%) ninety percent.
 5. The slump of the concrete shall not exceed 5". Minimum cement content shall be five (5) sack with a super plasticizer to allow for practical placement and consolidation of concrete. Cement type shall not vary throughout the project. Vibrate concrete to eliminate bubbles.

6. Reinforcing bars shall be intermediate grade deformed bars conforming to ASTM A615 Grade 40. All reinforcing shall be bent and placed according with the "Code of Standard Practice and the Specifications for Placing Reinforcing Steel of the Concrete Reinforcing Steel Institute."
7. Where bars are spliced, they shall be lapped a minimum of 32 bar diameter or 24 inches, whichever is greater. Forms shall not be removed or disturbed for 24 hours when supporting vertical surfaces.
8. Final installation site work shall meet or exceed existing construction standards for a safe, permanent and thorough installation.

B. Aluminum Plate Sign Faces:

1. Sign panels shall be fabricated utilizing welded construction of aluminum plate of thickness and composition specified on Design Intent Drawings with square eased edges utilizing alloy #6063.
2. Sign Mounting: Aluminum plate signs shall mount to concrete footing via Stainless steel anchor as indicated on Design Intent Drawings.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

C. Applied Vinyl Graphics:

1. Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.

D. Finishes:

1. Painted aluminum surfaces shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:
 - a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew's Paint Co.
Kenosha, WI
800.323.6593
 - b. Coatings shall be applied per manufacturer's specifications. All substrates shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
 - c. Typical finish preparation and application shall consist of:
 1. An acid-wash prime coat shall be applied per manufacturer's specifications when using raw metal as a substrate.
 2. Primer / filler seal coat, properly applied to all substrates per manufacturer's specifications including dry film thickness.
 3. Primer / filler coat shall be sanded smooth before topcoating and coated with a minimum of two applications of acrylic polyurethane in colors

indicated on the design drawings. Top coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.

- d. Coating Performance Criteria (in addition to above):
 - 1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
 - 2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
 - 3. Pencil hardness: 2H minimum.
 - 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
 - 5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
 - 6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
 - 7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

2.05 Cut-out Dimensional Aluminum Letters Mounted to Building

Sign Type: X1.00

Description: Waterjet-cut, dimensional aluminum plate letters mounted to building surface.

- A. Cut-out Dimensional Aluminum Letters:
 - 1. Material: Letters to be waterjet precision cut (0.030 radius) from solid plate aluminum utilizing appropriate aluminum alloy. Letters shall be cut using a computer guided cutting system. Cutting shall be direct from approved electronic artwork. All edges shall be visually smooth and free of kerf marks or machine blemishes.
 - 2. Finish: All components shall be painted as indicated on Design Intent Drawing.
 - 3. Letter Mounting: Letters mount building plaster surface via non-corrosive all threadstuds and appropriate adhesive into pre-drilled holes by the Sign Contractor. Align all letters accurately and carefully per sign layouts allowing round letters to exceed cap line and base line of layout.
- B. Finish:
 - 1. All components shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:

- a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co, Kenosha WI (800) 323-6593.
- b. Coating shall be applied per manufacturer’s specifications. Substrate shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
- c. Typical finish preparation and application shall consist of:
 - 1. An acid-wash prime coat shall be applied per manufacturer’s specifications.
 - 2. Primer / filler seal coat shall be applied per manufacturer’s specifications including dry film thickness.
 - 3. Primer / filler coat shall be sanded smooth before top-coating and coated with a minimum of two applications of acrylic polyurethane in color indicated on the design drawings. Top-coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.
- d. Coating Performance Criteria (in addition to above):
 - 1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
 - 2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
 - 3. Pencil hardness: 2H minimum.
 - 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
 - 5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
 - 6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
 - 7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

NOTE: Sign Contractor shall provide design, engineering, hardware and all other components necessary for a complete installation. All sign elements to be mounted to the face of the building to be coordinated with the General Contractor to provide all necessary backing and structural support for a complete and water-proof installation. It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.06 Vinyl Graphics Applied to Entry Glass and Exterior Door

Sign Types: X3.00, X10.00, X11a.00, and X22.00.

Description: Computer cut, vinyl letters as specified on Design Intent Drawing, applied first surface to entry glass.

Applied Vinyl Graphics: Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.

2.07 Painted Aluminum Plate Sign Backers and Chemically Etched Metal Sign Faces with raised Braille/tactile and Screen Printed Graphics

- Sign type: X5.00
- A.

Sign Face Material: .153” thick etchable zinc, suitable for outdoor / exterior applications, as specified in Design Intent Drawings. All surfaces (raised or recessed, including photo chemically etched surfaces) shall present a smooth, even, non-directional grain.
- B.

Background finish: Chemically etched zinc background primer and finish color coat per zinc and paint manufacturer’s specifications utilizing Matthew’s Acrylic Polyurethane VOC or proven equal. All finishes shall be eggshell (20% gloss). Letter finish: Letter color / finish: Color shall conform to specifications in drawings and shall be eggshell low gloss (20% gloss).
- C.

Etched graphics: Lettering shall be tactile via photomechanical resist and chemical etching. Etched images shall be at least 1/32" deep and shall not exceed 3/64". depth in order to keep tactile and Braille lettering legible. Lettering and graphics shall be photographically reproduced from electronic files provided by the Designer and shall follow dimensions, kerning, spacing and leading qualities verbatim.
- D.

Screen Printed Graphics: Sign faces shall have permanent screen printed graphics as specified on Design Intent Drawings utilizing inks that are compatible with the painted zinc surface and clear coated for protection using Matthew's VOC compliant clear coating (or equal).
- E.

Braille text: Photochemically reproduce Grade 2 Braille letters by etching background to a depth of 1/32" minimum and no deeper than 3/64" overall. Braille letters shall be smooth and rounded upon the face of the dots and shall be acceptable for tactile reading. Excessively etched depth on the Braille text shall be unacceptable.
- F.

Aluminum Back Plate Material: 1/4” thick aluminum with multi-color face and edges as indicated on Design Intent Drawing. All painted edges and masked paint lines shall be straight and clean. Poor masking and excessive paint build-up at mask lines will be unacceptable.
- G.

Mounting:

1.

Sign mounting: Sign face to be adhered to backer plate via Lords Adhesive or better, (or proven equal) which shall be placed in 1/2" width strips around entire perimeter. Sign faces larger than 12" in any dimension shall have additional adhesive placed at 8" intervals across panel surface.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment adhesive materials. Any delamination or warping caused by the failure of mounting adhesives shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.

Mounting plate attachment: Aluminum mounting plate shall fasten to wall via flathead countersunk screws through plate into appropriate mounting shield. Additional mounting methods may also be used as necessary to provide vandal resistant installations.

2.08 Aluminum Plate Sign Panels with Applied Vinyl Graphics

Sign type: R8.00

Description: Aluminum plate sign panels mounted to concrete wall surfaces.

A.

Aluminum Plate Sign Faces:

1.

Sign panels shall be fabricated from aluminum plate of thickness specified on Design Intent Drawings utilizing alloy #6063.

2.

Sign Mounting: Sign faces shall mount to concrete wall surface utilizing concealed aluminum mounting plates and appropriate VHB adhesive.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

- B.

Applied Vinyl Graphics:

1.

Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.
- C.

Finishes:

1.

Painted aluminum surfaces shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:

a.

Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co.
Kenosha, WI
800.323.6593

b.

Coatings shall be applied per manufacturer’s specifications. All substrates shall be cleaned of any foreign substance such as oil, grease, dirt, etc.

c.

Typical finish preparation and application shall consist of:

1.

An acid-wash prime coat shall be applied per manufacturer’s specifications when using raw metal as a substrate.

2.

Primer / filler seal coat, properly applied to all substrates per manufacturer’s specifications including dry film thickness.

3.

Primer / filler coat shall be sanded smooth before topcoating and coated with a minimum of two applications of acrylic polyurethane in colors indicated on the design drawings. Top coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.

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- d. Coating Performance Criteria (in addition to above):
 - 1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
 - 2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
 - 3. Pencil hardness: 2H minimum.
 - 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
 - 5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
 - 6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
 - 7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

2.09 Fabricated Aluminum Information Kiosk

Sign type: X21.00

Description: Two-sided and one-sided, fabricated aluminum display cabinets with lockable door, tempered glass window and digital print site map. Display cabinet is supported by fabricated aluminum channel posts with concealed electrical access. Interior Display Cabinet illuminates via concealed LED modules.

- A. Display Cabinet Construction:
 - 1. Display Cabinet Frame Construction: Display cabinet frame shall be fabricated from extruded rectangular aluminum tube utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in sign type drawings and sanded smooth for seamless appearance.
 - 2. Display Cabinet Door Construction: Display Cabinet door frame shall be fabricated from extruded rectangular aluminum tube utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in sign type drawings and sanded smooth for seamless appearance. Face of door frame shall be clad with 1/8” thick aluminum plate to retain edge of tempered glass window. Display cabinet door locks via die cast tubular cam lock indicated on Design Intent Drawing.
 - 3. Direct Digital Print Graphics: Direct Digital Print graphics shall be 5760 dpi x 1440 dpi resolution or higher, utilizing proper, UV resistant inks and printing methods that will provide maximum durability. Electronic format artwork to be supplied by the Owner’s Representative upon request.
 - 4. Interior Illumination: Display Cabinet illumination will utilize concealed LED modules along inside top of cabinet as indicated on Design Intent Drawing.

- 5. Fabricated Aluminum Channel Posts Construction: Display cabinet posts shall be fabricated utilizing aluminum channel cut from 6” x 6” x 1/2” extruded aluminum square tube with welded aluminum channel post frame and 1/8” aluminum plate access panel.
- 6. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
- 7. Weatherproofing: At all joints where aluminum meets concrete surfaces, provide weatherproofing materials with twenty-year durability cycle. All weatherproofing shall be hidden from view so as not to obstruct the external appearance of the sign in any way. Weep holes, breathing holes and other mechanical details shall be shown in shop drawings.

B. Finish:

- 1. Kiosks shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:
 - a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co, Kenosha WI (800) 323-6593.
 - b. Coating shall be applied per manufacturer’s specifications. Substrate shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
 - c. Typical finish preparation and application shall consist of:
 - 1. An acid-wash prime coat shall be applied per manufacturer’s specifications.
 - 2. Primer / filler seal coat shall be applied per manufacturer’s specifications including dry film thickness.
 - 3. Primer / filler coat shall be sanded smooth before top-coating and coated with a minimum of two applications of acrylic polyurethane in color indicated on the design drawings. Top-coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.
 - d. Coating Performance Criteria (in addition to above):
 - 1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
 - 2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
 - 3. Pencil hardness: 2H minimum.
 - 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
 - 5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
 - 6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).

7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

NOTE: Sign Contractor shall provide design, engineering, hardware and all other components necessary for a complete installation. All sign elements to be mounted to the face of the building to be coordinated with the General Contractor to provide all necessary backing and structural support for a complete and water-proof installation. It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

C. Lighting / Electrical:

1. Electrical wiring and equipment: Provide electrical materials such as ballast’s, transformers, lamps, sockets, connectors, and all other equipment which shall be new and shall be approved by Underwriters Laboratories, Inc (U.L.). The assembly of all components within the illuminated signs shall conform to all standards of Underwriters Laboratories, Inc. as published in the latest edition of “Standards for Sign safety” and all illuminated signs shall bear the U.L. label. All wiring and equipment shall be concealed within the sign structure. UL labels and other I.P. Information on exterior of signs shall be placed in an inconspicuous position as instructed by Owner Representative.
2. Lighting fixture: Illumination shall be provided using LED modules as indicated on design Intent Drawing. Lighting shall be sufficient to evenly wash wall behind letters with no visible hot spots, unevenness or light leaks.Technical issues such as fixture arrangements, even light dispersion and proper ventilation shall be the sole responsibility of the Sign Contractor. Placement of light fixtures to provide even diffusion of light and related technical issues shall be indicated in shop drawings.
3. Conduit and Devices: Rigid steel conduit, junction boxes and associated devices in accordance with UBS standards. All junction boxes to be concealed.
4. Contractor shall determine access to existing power source(s) and plan for appropriate voltage requirements prior to ordering light fixtures. This shall be finalized at pre-installation conference. Owner to provide electrical connections to within ten feet of each sign.

NOTE: Sign Contractor shall provide design, engineering, hardware and all other components necessary for a complete installation. All sign elements to be mounted to the face of the building to be coordinated with the General Contractor to provide all necessary backing and structural support for a complete and water-proof installation. It shall be the sole responsibility of the Sign Contractor to provide adequate attachment. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.10 Painted Acrylic Sign Backers with Chemically Etched Photopolymer Sign Faces with raised Braille/tactile and Screen Printed Graphics

Sign types with painted acrylic backers: A1.00 and A6.00
Sign types with painted acrylic backers and multi-layered sign faces to accommodate changeable inserts: A3.00 and A4.00
Sign Types without painted acrylic backers: A5.00 and A7.00.

- A. Material: .153” thick photopolymer as specified in Design Intent Drawings. All surfaces (raised or recessed, including photo chemically etched surfaces) shall present a smooth, even, non-directional grain.
- B. Background finish: Chemically etched photopolymer background primer and finish color coat per photopolymer and paint manufacturer’s specifications utilizing Matthew’s Acrylic Polyurethane VOC or proven equal. All finishes shall be eggshell (20% gloss). Letter finish: Letter color / finish: Color shall conform to specifications in drawings and shall be eggshell low gloss (20% gloss).
- C. Etched graphics: Lettering shall be tactile via photomechanical resist and chemical etching. Etched images shall be at least 1/32" deep and shall not exceed 3/64". depth in order to keep tactile and Braille lettering legible. Lettering and graphics shall be photographically reproduced from electronic files provided by the Designer and shall follow dimensions, kerning, spacing and leading qualities verbatim.
- D. Screen Printed Graphics: Tactile graphics shall have permanent screen printed color as specified on construction drawings utilizing inks that are compatible with the painted acrylic surface and clear coated for protection using Matthew's VOC compliant clear coating (or equal).
- E. Braille text: Photochemically reproduce Grade 2 Braille letters by etching background to a depth of 1/32" minimum and no deeper than 3/64" overall. Braille letters shall be smooth and rounded upon the face of the dots and shall be acceptable for tactile reading. Excessively etched depth on the Braille text shall be unacceptable.
- F. Multi-Layered Sign Face Construction: Signs with changeable paper inserts will utilize multi-layered construction with mask painted sign face window and .060” acrylic separator as indicated on Design Intent Drawing. Permanent graphics (sign borders) shall be surface mask-painted as indicated in Design Intent Drawing. Area behind window to be painted to match border color. Sign faces and acrylic backers shall be assembled to form layered construction, allowing insertion and removal of changeable paper graphics from panel edge or top as noted in drawings. . Changeable inserts signs shall utilize text weight paper #R0 - Milky Way available from: Kinko’s / FEDEX Office.
- G. Mounting:
1. Sign mounting: Sign to be adhered to backer plate with 5 mil 3M #F-9473 VHB tape or better, (or proven equal) which shall be placed in 1/2" width strips around entire perimeter. Sign faces larger than 12" in any dimension shall have additional adhesive strips placed at 8" intervals across panel surface.
- NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment adhesive materials. Any delamination or warping caused by the failure of mounting adhesives shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.
2. Wall mount: Acrylic backer panel shall fasten to wall via flathead countersunk screws through backer into appropriate mounting shield. Additional mounting methods may also be used as necessary to provide vandal resistant installations.
3. Glass window mount: Sign fastens to glass with Scotch™ #4432 black foam mounting tape (or proven equal) which shall be placed in 1/2" width strips, 1/2" inside all perimeter edges. A black vinyl die cut cover-up shall be applied on the inside of glass. Sign Type A7.00 will utilize a .060” thick painted aluminum back plate when back is visible to the public.

2.11 Cut Out Acrylic Graphics with Painted Finish

Sign Type: A2.00 and A21.00

Description: Cut-out, dimensional acrylic graphics with painted finish.

- A.

Material: Graphics to be precision cut from solid acrylic sheet of thicknesses indicated on Design Intent Drawings using a computer guided Laser cutting system. Cutting shall be direct from electronic artwork. All edges shall be visually smooth and free of kerf marks or machine blemishes.
- B.

Finish: Graphics to be spray painted with primer and finish color coat per paint manufacturer’s specifications utilizing Matthew’s Acrylic Polyurethane VOC, or equal. Finish color per Design Intent Drawings. All paint finishes shall be eggshell low gloss (20% gloss reflectance).
- C.

Mounting:

1.

Mount direct to wall via appropriate, white VHB tape and silicone adhesive, ensuring that no adhesive is visible when sign installation is complete. Align all letters accurately and carefully per sign layouts allowing round letters to exceed cap line and base line of layouts.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment adhesive materials. Any delamination or warping caused by the failure of mounting adhesives shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.12 Multi-Layered Acrylic Sign Panels with Changeable Paper Inserts

Sign Types: A9.00, A13.00, and A14.00
Sign Type: A15.00 (also requires a fabricated acrylic base as indicated on Design Intent Drawing)
Sign Type: X12.00 (no non-glare acrylic sign face required)

Description: Painted acrylic sign backer and non-glare acrylic sign face with first-surface mask-painted window/border.

- A.

Sign Backer Material: Sign backer plate shall utilize .25” thick acrylic as indicated on Design Intent Drawings.
- B.

Construction: Acrylic panels shall be assembled to form layered construction, allowing insertion and removal of changeable paper graphics from panel edge. Sign panel components shall be assembled with 5-mil 3M #f-9473 VHB tape or better (or equal). Sign window should have a close tolerance to paper thickness to eliminate paper wrinkle and unsightly warping.
- C.

Sign panel face material: Non-glare Mitsubishi Sinkolite #N2001 acrylic (or equal), as indicated in Design Intent Drawings. Sign panel backing material shall be solid acrylic with a painted finish.
- D.

Sign panel shapes: Panels shall be precision cut using a computer guided cutting system.
- E.

Graphics: Permanent borders and Changeable Inserts

1.

Permanent graphics (sign borders and accent graphics) shall be surface mask-painted as indicated in Design Intent Drawing. Area behind window to be painted to match border color. Acrylic panels shall be assembled to form layered construction, allowing insertion and removal of changeable paper graphics from panel edge or top as noted in drawings.

2.

Changeable paper inserts shall require individual layouts to be created by the Contractor as follows:

a.

Evacuation maps and shall require digital color prints (1200 dpi or better) on heavy paper to avoid wrinkling.Use an HP5000 color printer or better (or equal).
- b.

Production of artwork for individual maps shall be provided by the Sign Contractor. Original art for each floor plan shall be provided by the Sign Contractor to match graphic style indicated on construction drawing as follows:

i.

One floor plan will be submitted by the Contractor to the Owner’s Representative for approval of graphic layout. Upon approval of graphic layout, emergency equipment and evacuation path information and/or symbols for life safety evacuation maps shall be located and positioned (by Sign Contractor) on individual maps as necessary to meet Fire Department criteria as well as the Owner’s expectations and code obligations.

ii.

Sign-off approval to be acquired by Contractor: Verify final layouts and text as well as symbol locations with the Fire department as well as the Owner prior to fabrication or installation of any signs. A signed-off approval is required by the Fire Inspector ensuring that signs meet local code requirements

iii.

When signs are initially installed -- and when changeable insert messages are not ready or finalized -- the Contractor shall insert blank paper message signs to provide a complete and finished appearance (unless the background area behind the sign window is already black).
- F.

Sign Face and Edge finish: Rough or uneven edges shall be unacceptable. Edges shall be precision cut and visually smooth. Edges shall be spray painted along with masked window and Braille.
- G.

Mounting:

1.

Sign face to plate mounting: Sign face to be adhered to mounting plate with 5 mil 3M #F-9473 VHB tape or better, (or equal) which shall be placed in 1/2" width strips around entire perimeter. Panels or plates larger than 12" in any dimension shall have additional adhesive strips placed at 8" intervals across panel surface.

NOTE: It shall be the sole responsibility of the Contractor to provide adequate attachment adhesive materials. Any delamination or warping caused by the failure of mounting adhesives shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.

Wall mount: Acrylic mounting plate fastens to wall via flathead countersunk screws through mounting plate into appropriate mounting shield. Additional mounting methods may also be used as necessary to provide vandal resistant installations.

2.13 Painted Acrylic Sign Panels with Direct Digital or Screen Print Graphics
Sign types: A10a.00, A10b.00, A11.00, and A19.00

- A.

Sign Panels: Sign panel material shall be solid acrylic with square edges as indicated in Design Intent Drawings
- B.

Sign Panel finish: Acrylic panels shall utilize a undercoating primer and finish color coat per acrylic manufacturer’s specifications utilizing Matthew’s Acrylic Polyurethane VOC or equal. All finishes shall be eggshell (20% gloss).
- B.

Direct Digital Print Graphics: Direct Digital Print graphics shall be 5760 dpi x 1440 dpi resolution or higher, utilizing proper, UV resistant inks and printing methods that will provide maximum durability. Electronic format artwork to be supplied by the Owner’s Representative upon request.

- C. Screen Printed Graphics: Screen printed graphics shall be as specified on Design Intent Drawings utilizing inks that are compatible with the painted aluminum surface and clear coated for protection using Matthew's VOC compliant clear coating (or equal).
- D. Graphic color / finish: Color shall conform to specifications in drawings and shall be eggshell low gloss (20% gloss).
- E. Edge finish: All visible edges shall be painted with polyurethane paint as indicated in drawings. Saw marks, kerfs, rough or uneven edges shall be unacceptable. Edges shall be precision machined and visually smooth. Panels shall be perfectly matched to mounting panels (when a mounting panel is required).
- F. Sign mounting: Sign panel to be adhered to wall or glass, with 5 mil 3M #F-9473 VHB tape, (or equal) which shall be placed in 1/2" width strips around entire perimeter, and appropriate silicone adhesive (wall mount only). Panels or plates larger than 12" in any dimension shall have additional adhesive strips placed at 8" intervals across panel surface.

NOTE: It shall be the sole responsibility of the Contractor to provide adequate attachment adhesive materials. Any delamination or warping caused by the failure of mounting adhesives shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

2.14 Fabricated Aluminum Stanchions with Multi-Layered Acrylic Sign Panels and Changeable Paper Inserts.

Sign types: A16.00

Description: Freestanding fabricated aluminum stanchion and aluminum sign face with multi-layered acrylic sign panel to accommodate changeable paper insert.

- A. Stanchion Upright Construction:
 - 1. Construction: Stanchion upright shall be fabricated from 1" x 4" extruded aluminum tube utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in Design Intent Drawings.
 - 2. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
- B. Stanchion Base Construction:
 - 1. Construction: Stanchion base shall be fabricated from .5" thick aluminum plate utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in Design Intent Drawings.
 - 2. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
- C. Stanchion Sign Face Construction:
 - 1. Construction: Stanchion sign face shall be fabricated from .125" thick aluminum plate utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals. All mitered joints shall be TIG welded per shapes and dimensions shown in Design Intent Drawings.
 - 2. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.

- D. Multi-Layered Acrylic Sign Panel Construction: Multi-Layered acrylic panels shall be assembled to form layered construction, allowing insertion and removal of changeable paper graphics from panel edge. Sign panel components shall be assembled with 5-mil 3M #f-9473 VHB tape or better (or equal). Sign window should have a close tolerance to paper thickness to eliminate paper wrinkle and unsightly warping.
- E. Sign panel face material: Non-glare Mitsubishi Sinkolite #N2001 acrylic (or equal). Panel sizes per schedule and drawings. Sign panel backing material shall be solid acrylic with a painted finish.
- F. Sign panel shapes: Panels shall be precision cut using a computer guided cutting system.
- G. Graphics: Permanent borders and Changeable Inserts
 - 1. Permanent graphics (sign borders) shall be mask painted on first surface of Mitsubishi 2001 (no known equal) acrylic sign face as noted in drawings. Acrylic panels shall be assembled to form layered construction, allowing insertion and removal of changeable paper graphics from panel edge or top as noted in drawings.
- H. Finishes:
 - 1. Painted aluminum surfaces shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:
 - a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew's Paint Co.	Akzo Coatings
Kenosha, WI	Norcross, GA
800.323.6593	404 441-8997

(or equal)
 - b. Coatings shall be applied per manufacturer's specifications. All substrates shall be cleaned of any foreign substance such as oil, grease, dirt, etc.
 - c. Typical finish preparation and application shall consist of:
 - 1. An acid-wash prime coat shall be applied per manufacturer's specifications when using raw metal as a substrate.
 - 2. Primer / filler seal coat, properly applied to all substrates per manufacturer's specifications including dry film thickness.
 - 3. Primer / filler coat shall be sanded smooth before topcoating and coated with a minimum of two applications of acrylic polyurethane in colors indicated on the design drawings. top coating shall be applied per manufacturer's recommendations to a minimum total dry film thickness of 2.0 mil.
 - d. Coating Performance Criteria (in addition to above):
 - 1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
 - 2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
 - 3. Pencil hardness: 2H minimum.
 - 4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no

more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.

5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the University Representative (20% eggshell).
7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

2.15 Gym Entrance Identification Sign
Sign type: A20.00

- A. Ball Symbol Construction:

1. Ball symbol shall be waterjet cut from 1" thick aluminum plate, utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals per shapes and dimensions shown in Design Intent Drawings.

2. All welds shall be ground smooth. Aluminum fabrication shall have a seamless appearance.
- B. Sign Face Construction: Sign face shall be fabricated from .125" aluminum plate utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals per shapes and dimensions shown in Design Intent Drawings. sign face mounts to ball symbol via Lords Adhesive.
- C. Mounting Bracket Construction: Mounting bracket shall be fabricated from .25" aluminum plate utilizing aluminum alloy #6063 or equal as recognized by the American Society of Metals per shapes and dimensions shown in Design Intent Drawings with 1/2” x 1/2” square aluminum rod welded to mounting plate and ball symbol.
- D. Applied Vinyl Graphics: Computer cut vinyl graphics shall be applied as indicated on Design Intent Drawing. All vinyl graphics shall be rated for exterior use and shall have a minimum seven (7) year durability rating.
- E. Finishes:

1. Painted aluminum surfaces shall be finished with polyurethane enamel with a twenty-percent gloss reflectance:

a. Provide a VOC compliant aliphatic polyurethane enamel with ultraviolet inhibitors, lightfast, weather, abrasion and wear resistant additive supplied by:

Matthew’s Paint Co.
Kenosha, WI800.323.6593

b. Coatings shall be applied per manufacturer’s specifications. All substrates shall be cleaned of any foreign substance such as oil, grease, dirt, etc.

c. Typical finish preparation and application shall consist of:

1. An acid-wash prime coat shall be applied per manufacturer’s specifications when using raw metal as a substrate.

2. Primer / filler seal coat, properly applied to all substrates per manufacturer’s specifications including dry film thickness.
3. Primer / filler coat shall be sanded smooth before topcoating and coated with a minimum of two applications of acrylic polyurethane in colors indicated on the design drawings. top coating shall be applied per manufacturer’s recommendations to a minimum total dry film thickness of 2.0 mil.

d. Coating Performance Criteria (in addition to above):

1. Dry film thickness: Within minimum 5% to plus 25% of the specified thickness.
2. Abrasion resistance: ASTM D968. Coefficient of abrasion; 65 minimum.
3. Pencil hardness: 2H minimum.
4. Salt spray: ASTM B-117 withstanding 3500 hours, 100% salt fog at 95 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.
5. Humidity test: ASTM D-2247 withstand 3500 hours 100% relative humidity at 95 to 100 degrees F and retain adhesion, corrosion resistance, color and gloss with no more than “minimal blisters to larger than No. 8 (ASTM D-714), and no more than 1/16” creepage or loss of adhesion from scribed line.”
6. Gloss: ASTM D-523, +/- 5% using a 60 degree glossimeter, of the gloss level selected by the Owner Representative (20% eggshell).
7. Adhesion: No removal of any finish after 1/16” cross-hatching to base metal, impacting to the point of metal rupture, and subjecting to application and quick removal of cellophane tape.

- F. Sign mounting: Flag Sign mounts to wall via appropriate size, non-corrosive, flat head allen screws and wall anchors.

NOTE: It shall be the sole responsibility of the Sign Contractor to provide adequate attachment assemblies. Any failure of mounting assemblies shall require repair and replacement of sign products at no expense to the Owner during the Guarantee to Repair Period specified in the General Conditions.

END OF SECTION

SEC. 3.00 EXECUTION AND FIELD WORK

3.01 Applied Graphics

- A. All painted, printed and chemical finishes shall be smooth, free of scratches, gouges, air bubbles, foreign matter or other imperfections.
- B. All applied vinyl graphics shall be smooth, free of scratches, gouges, air bubbles, foreign matter or other imperfections.

3.02 Sign Construction

Exterior signs shall be structurally designed as required to resist 30 psf horizontal windloads and thermal movements without distortions or excessive deflections. Exterior signs shall be affixed to structural supports as approved by the Owner’s Representative. Sign fabrication shall be a complete system including all stiffeners, fasteners, welding, sealants, jointing, miscellaneous pieces and material thickness as required for high quality workmanship. Connections, angles, shapes and details shown are suggestive and Contractor shall be responsible for correct engineering, final sizing, reinforcing and detailing as required for a superior professional product. All fabricated materials shall have smooth, machined edges, free from cracks, chips, or other adverse conditions.

3.03 Inspection

- A. Contractor shall verify conditions and measurements affecting the work of this section at the site.
- B. Notify Owner’s Representative in writing of unacceptable substrates or detrimental conditions. Beginning work indicates acceptance of substrate and subsequent modifications become the Contractor’s complete responsibility.

53.04 Sign Locations

Locations shown on plan drawings are for general information only. Contractor shall arrange a meeting with the Owner’s Representative at the site for final locations. All signs shall be located with the use of numbered tags corresponding to numbered sign items.

3.05 Installation

- A. Do not install any signs that are defective or damaged. Install completed sign units square, plumb and accurately level in accordance with the drawings and specifications for appropriate sign type. Leave signs clean and dust-free.
- B. Use all means necessary to protect materials before, during and after installation and to protect the installed work specified in other sections.

3.06 Project Completion

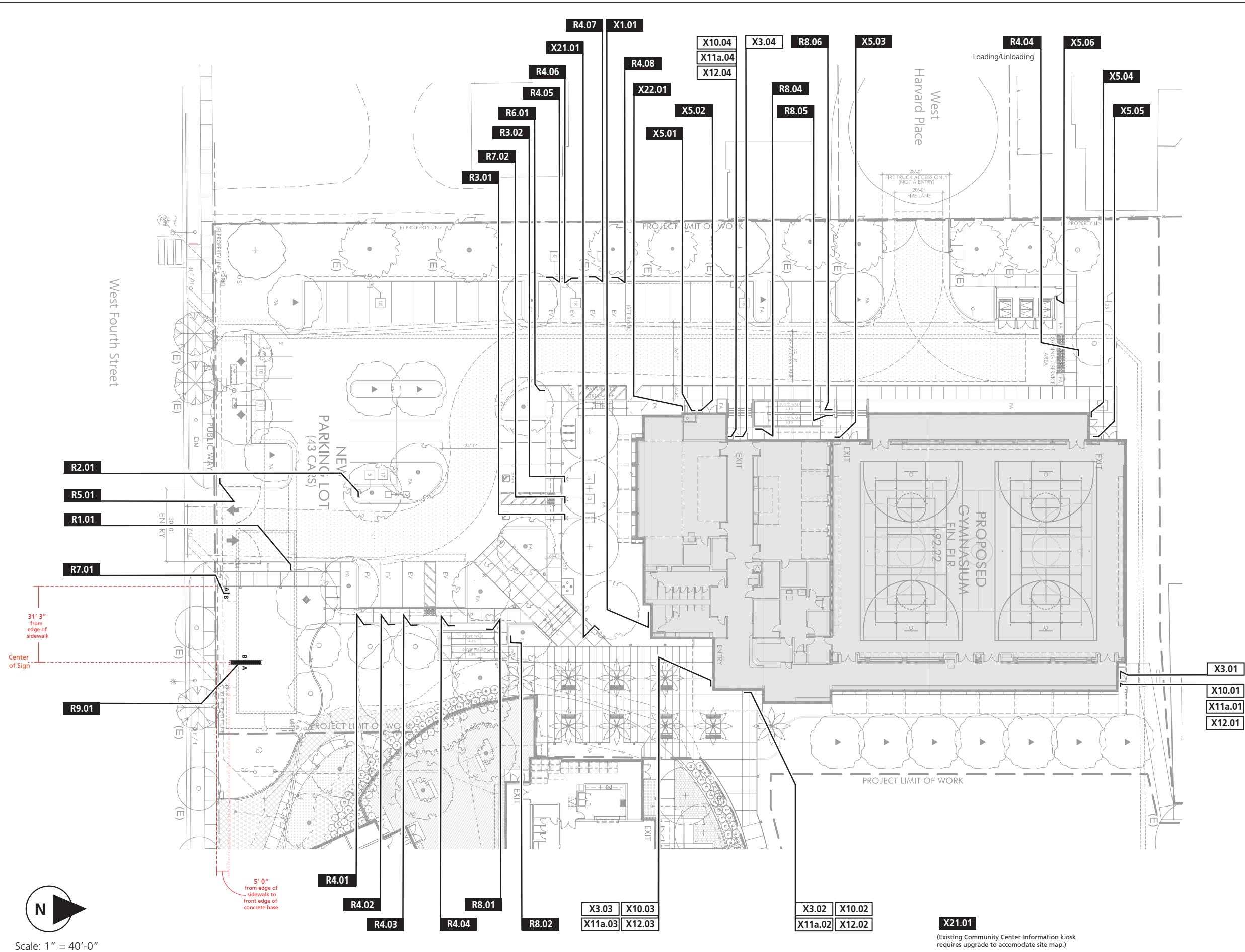
- A. Following installation, clean all signs ensuring removal of all fingerprints, dirt, shavings, adhesive, dust particles, etc. Prior to leaving the installation location, clean the work area, walls, floor, etc., that may be soiled during the installation process.
- B. Contractor shall arrange a meeting with the Owner’s Representative at the site for a final on-site demonstration / review of all sign components.
- C. Notify Owner’s Representative upon completion of entire project. Final review will be scheduled prior to project sign-off.

END OF SECTION 3

Sign Type	Sign Type Name / Description	Quantity	Unit Cost	Extension
ROADWAY SIGNAGE				
R1.00	Parking Disclaimer / Tow Away Sign	1		
R2.00	Vehicular Directional Sign	1		
R3.00	Accessible Parking Identification Sign	2		
R4.00	Reserved Parking Identification Sign	4		
R5.00	Traffic Regulatory / Stop Sign	1		
R6.00	Passenger Drop-off Sign	1		
R7.00	Accessible Pathway Identification Sign / Freestanding	2		
R8.00	Accessible Pathway Identification Sign / Wall Mount	5		
R9.00	Project Identification Monument Sign	1		
	Roadway Signage / Subtotal			
EXTERIOR SIGNAGE				
X1.00	Primary Project Identification Wall Sign	1 (21 letters)		
X3.00	Project Entry Identification Sign	4		
X5.00	Exterior Room Identification Sign	6		
X10.00	International Symbol of Accessibility	4		
X11a.00	No Smoking Notice / Main Entrance	4		

Sign Type	Sign Type Name / Description	Quantity	Unit Cost	Extension
X12.00	Hours of Operation	4		
X21.00	Information Kiosk	1		
	Exterior Signage / Subtotal			
INTERIOR SIGNAGE				
A1.00	Interior Room Identification Sign	14		
A2.00	Area Identification Sign	3 (35 letters)		
A3.00	Changeable Room Identification Sign / Small	4		
A4.00	Changeable Room Identification Sign / Large	5		
A5.00	Interior CBC Restroom Identification Sign	2		
A6.00	Interior ADA Restroom Identification Sign	2		
A7.00	Interior ADA Emergency Exit Sign	17		
A9.00	Emergency Evacuation Sign	6		
A10b.00	Maximum Room Occupancy / Small	4		
A11.01	Interior Automated External Defibrillator Sign	1		
A13.00	Changeable Information Sign / Medium	1		
A15.00	Changeable Information Sign / Desk Top	2		
A16.00	Changeable Information Sign / Stanchion	2		

Sign Type	Sign Type Name / Description	Quantity	Unit Cost	Extension
A19.00	Interior Directional Sign	1		
A20.00	Gym Entrance Identification Sign	3		
A21.00	Gaming Station Identification Sign	4		
	Interior Signage / Subtotal			
	Signage Program Fabrication / Subtotal			
	Signage Program Installation / Subtotal			
	Sales Tax			
	Signage Program – Total			



SIGN TYPE KEY

Roadway / Parking Area Signage

R1.00 - Parking Disclaimer / Tow Away Sign
R2.00 - Vehicular Directional Sign
R3.00 - Accessible Parking Identification Sign
R4.00 - Reserved Parking Identification Sign
R5.00 - Traffic Regulatory / Stop Sign
R6.00 - Passenger Drop-Off Sign
R7.00 - Accessible Pathway Identification Sign / Freestanding
R8.00 - Accessible Pathway Identification Sign / Wall Mount
R9.00 - Project Identification Monument Sign

Exterior Signage

X1.00 - Primary Project Identification Wall Sign
X2.00 - Secondary Project Identification Wall Sign
X3.00 - Project Entry Identification Sign
X4.00 - Project Address Sign
X5.00 - Exterior Room Identification Sign
X6.00 - Exterior CBC Restroom Identification Sign
X7.00 - Exterior ADA Restroom Identification Sign
X8.00 - Exterior ADA Emergency Exit Sign
X9.00 - Exterior Restroom Identification Blade Sign
X10.00 - International Symbol of Accessibility
X11a.00 - No Smoking Notice / Entrances
X11b.00 - No Smoking Notice
X12.00 - Hours of Operation
X13.00 - Dedication Plaque
X14.00 - Pool Rules Sign / Health Proclamation Sign
X15.00 - Emergency Procedures Sign
X16.00 - No Diving / Pool Occupancy Sign
X17.00 - Health Proclamation Sign
X18.00 - Keep Gate Closed Sign
X19.00 - Exterior Automated External Defibrillator Sign
X20.00 - Lifeguard Office Identification Blade Sign
X21.00 - Information Kiosk
X22.00 - Fire Riser Identification

Interior Signage

A1.00 - Interior Room Identification Sign
A2.00 - Area Identification Sign
A3.00 - Changeable Room Identification Sign / Small
A4.00 - Changeable Room Identification Sign / Large
A5.00 - Interior CBC Restroom Identification Sign
A6.00 - Interior ADA Restroom Identification Sign
A7.00 - Interior ADA Emergency Exit Sign
A8.00 - Interior Restroom Identification Blade Sign
A9.00 - Emergency Evacuation Sign
A10a.00 - Maximum Occupancy Sign / Large
A10b.00 - Maximum Occupancy Sign / Small
A11.00 - Automated External Defibrillator
A12.00 - Changeable Information Sign / Small
A13.00 - Changeable Information Sign / Medium
A14.00 - Changeable Information Sign / Large
A15.00 - Changeable Information Sign / Desktop
A16.00 - Changeable Information Sign / Stanchion*
A17.00 - Anthony Munoz Appreciation Sign
A18.00 - City Council Photograph Display
A19.00 - Interior Directional Sign
A20.00 - Gym Entrance Identification Sign
A21.00 - Gaming Station Identification Sign

Message / Location Number

Sign Area Designation

Sign Type Number

Glass Mount

Wall Mount or Freestanding

X4.02

X4.02

ANTHONY MUNOZ COMMUNITY CENTER GYMNASIUM SIGNAGE PROGRAM

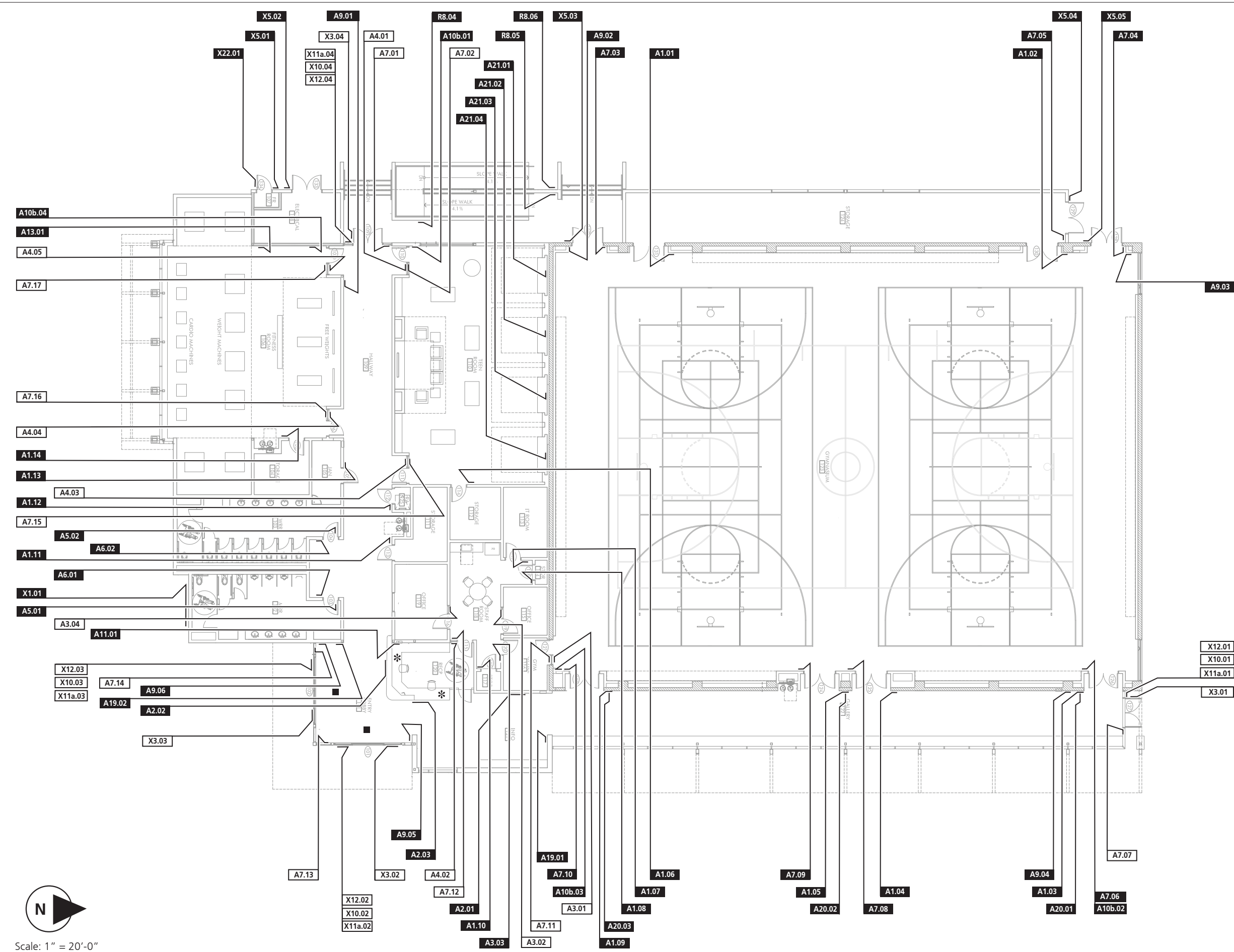
ROADWAY / PARKING AREA AND EXTERIOR SIGNAGE LOCATION PLAN

Gerald Stamm Design, LLC T 714.389.5208

SHEET: SP.1.1

April 30, 2026

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SIGN TYPE KEY

Roadway / Parking Area Signage

- R1.00 - Parking Disclaimer / Tow Away Sign
- R2.00 - Vehicular Directional Sign
- R3.00 - Accessible Parking Identification Sign
- R4.00 - Reserved Parking Identification Sign
- R5.00 - Traffic Regulatory / Stop Sign
- R6.00 - Passenger Drop-Off Sign
- R7.00 - Accessible Pathway Identification Sign / Freestanding
- R8.00 - Accessible Pathway Identification Sign / Wall Mount
- R9.00 - Project Identification Monument Sign

Exterior Signage

- X1.00 - Primary Project Identification Wall Sign
- X2.00 - Secondary Project Identification Wall Sign
- X3.00 - Project Entry Identification Sign
- X4.00 - Project Address Sign
- X5.00 - Exterior Room Identification Sign
- X6.00 - Exterior CBC Restroom Identification Sign
- X7.00 - Exterior ADA Restroom Identification Sign
- X8.00 - Exterior ADA Emergency Exit Sign
- X9.00 - Exterior Restroom Identification Blade Sign
- X10.00 - International Symbol of Accessibility
- X11a.00 - No Smoking Notice / Entrances
- X11b.00 - No Smoking Notice
- X12.00 - Hours of Operation
- X13.00 - Dedication Plaque
- X14.00 - Pool Rules Sign / Health Proclamation Sign
- X15.00 - Emergency Procedures Sign
- X16.00 - No Diving / Pool Occupancy Sign
- X17.00 - Health Proclamation Sign
- X18.00 - Keep Gate Closed Sign
- X19.00 - Exterior Automated External Defibrillator Sign
- X20.00 - Lifeguard Office Identification Blade Sign
- X21.00 - Information Kiosk
- X22.00 - Fire Riser Identification

Interior Signage

- A1.00 - Interior Room Identification Sign
- A2.00 - Area Identification Sign
- A3.00 - Changeable Room Identification Sign / Small
- A4.00 - Changeable Room Identification Sign / Large
- A5.00 - Interior CBC Restroom Identification Sign
- A6.00 - Interior ADA Restroom Identification Sign
- A7.00 - Interior ADA Emergency Exit Sign
- A8.00 - Interior Restroom Identification Blade Sign
- A9.00 - Emergency Evacuation Sign
- A10a.00 - Maximum Occupancy Sign / Large
- A10b.00 - Maximum Occupancy Sign / Small
- A11.00 - Automated External Defibrillator
- A12.00 - Changeable Information Sign / Small
- A13.00 - Changeable Information Sign / Medium
- A14.00 - Changeable Information Sign / Large
- A15.00 - Changeable Information Sign / Desktop
- A16.00 - Changeable Information Sign / Stanchion*
- A17.00 - Anthony Munoz Appreciation Sign
- A18.00 - City Council Photograph Display
- A19.00 - Interior Directional Sign
- A20.00 - Gym Entrance Identification Sign
- A21.00 - Gaming Station Identification Sign

Message / Location Number

Sign Area Designation

Glass Mount

Wall Mount or Freestanding

X4.02

X4.02

Sign Type Number

ANTHONY MUNOZ COMMUNITY CENTER GYMNASIUM SIGNAGE PROGRAM
EXTERIOR AND INTERIOR SIGNAGE LOCATION PLAN

Gerald Stamm Design, LLC T 714.389.5208

SHEET: LP.2.1

April 30, 2026

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ANTHONY MUNOZ GYMNASIUM SIGNAGE PROGRAM
MESSAGE SCHEDULE

See Sheets: SP.1.1 and LP.1.1

April 30, 2026

ROADWAY SIGNAGE				
R1.01	1	Parking Disclaimer/ Tow Away Sign	 UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER’S EXPENSE CVC 22652 NO PARKING IN RED ZONES FIRE LANE VIOLATING VEHICLES WILL BE CITED OR TOWED AT OWNER’S EXPENSE CVC 22500.1 & CVC 22652 ONTARIO POLICE DEPARTMENT ???-???-???? TOWED VEHICLES MAY BE RECLAIMED AT ???????????????? OR BY TELEPHONING ???-???-????  THIS IS A SMOKE-FREE PROPERTY THANK YOU FOR NOT SMOKING	Signage contractor to verify text and location prior to fabrication.
R2.01	1	Vehicular Directional Sign	 DROP-OFF & PICK-UP  PARKING	Signage contractor to verify text and location prior to fabrication.
R3.01	1	Accessible Parking Identification Sign	 RESERVED MIN. FINE \$250	Signage contractor to verify text and location prior to fabrication.
R3.02	1	Accessible Parking Identification Sign	 VAN ACCESSIBLE MIN. FINE \$250	Signage contractor to verify text and location prior to fabrication.
R4.01 thru R4.03	3	Reserved Parking Identification Sign	RESERVED ELECTRIC VEHICLE CHARGING STATION 2 HOUR LIMIT	Signage contractor to verify text and location prior to fabrication.

R4.04	1	Reserved Parking Identification Sign	RESERVED LOADING & UNLOADING ONLY 2 HOUR LIMIT	Signage contractor to verify text and location prior to fabrication.
R5.01	1	Traffic Regulatory / Stop Sign	STOP	Signage contractor to verify text and location prior to fabrication.
R6.01	1	Passenger Drop-off Sign	PASSENGER DROP-OFF & PICK-UP NO WAITING	Signage contractor to verify text and location prior to fabrication.
R7.01 (two-sided)	1	Accessible Pathway Identification Sign / Freestanding	(Side A)  ← ENTRANCE (Side B)  → ENTRANCE	Signage contractor to verify text and location prior to fabrication.
R7.02 (one-sided)	1	Accessible Pathway Identification Sign / Freestanding	 → ENTRANCE	Signage contractor to verify text and location prior to fabrication.
R8.01	1	Accessible Pathway Identification Sign / Wall Mount	 ↑ ENTRANCE	Signage contractor to verify text and location prior to fabrication.
R8.02	1	Accessible Pathway Identification Sign / Wall Mount	 ↑	Signage contractor to verify text and location prior to fabrication.
R8.03	4	Accessible Pathway Identification Sign / Wall Mount	 ← RAMP	Signage contractor to verify text and location prior to fabrication.
R8.04	1	Accessible Pathway Identification Sign / Wall Mount	 →	Signage contractor to verify text and location prior to fabrication.
R8.05	1	Accessible Pathway Identification Sign / Wall Mount	 ←	Signage contractor to verify text and location prior to fabrication.
R8.06	1	Accessible Pathway Identification Sign / Wall Mount	 →	Signage contractor to verify text and location prior to fabrication.
R9.01 (two-sided)	1	Project Identification Monument Sign	ANTHONY MUNOZ GYMNASIUM 1242	Signage contractor to verify text and location prior to fabrication.

ANTHONY MUNOZ GYMNASIUM SIGNAGE PROGRAM
MESSAGE SCHEDULE

See Sheets: SP.1.1 and LP.1.1

EXTERIOR BUILDING SIGNAGE				
X1.01	1	Primary Project Identification Wall Sign	ANTHONY MUNOZ GYMNASIUM	Signage contractor to verify text and location prior to fabrication.
X3 .01	1	Project Entry Identification Sign	ANTHONY MUNOZ GYMNASIUM	Signage contractor to verify text and location prior to fabrication.
X3 .02	1	Project Entry Identification Sign	ANTHONY MUNOZ GYMNASIUM	Signage contractor to verify text and location prior to fabrication.
X3 .03	1	Project Entry Identification Sign	ANTHONY MUNOZ GYMNASIUM	Signage contractor to verify text and location prior to fabrication.
X3 .04	1	Project Entry Identification Sign	ANTHONY MUNOZ GYMNASIUM	Signage contractor to verify text and location prior to fabrication.
X5.01	1	Exterior Room Identification Sign	FIRE RISER (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
X5.02	1	Exterior Room Identification Sign	ELECTRICAL ROOM (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
X5.03	1	Exterior Room Identification Sign	EXIT ONLY (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
X5.04	1	Exterior Room Identification Sign	STORAGE 124 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
X5.05	1	Exterior Room Identification Sign	EXIT ONLY (Braille Tactile)	Signage contractor to verify text and location prior to fabrication
X5.06	1	Exterior Room Identification Sign	TRASH / RECYCLING (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
X10.01 thru X10.04	4	International Symbol of Accessibility		Signage contractor to verify text and location prior to fabrication.
X11a.01 thru X11a.04	4	No Smoking Notice / Main Entrance	 THIS IS A SMOKE-FREE PROPERTY THANK YOU FOR NOT SMOKING	Signage contractor to verify text and location prior to fabrication.
X12.01 thru X12.04	4	Hours of Operation	(Changeable Insert) MONDAY THRU THURSDAY 00:00 AM TO 00:00 PM FRIDAY 00:00 AM TO 00:00 PM SATURDAY 00:00 AM TO 00:00 PM SUNDAY 00:00 AM TO 00:00 PM	Signage contractor to verify text and location prior to fabrication.

April 30, 2026

X21.01	1 (1-Sided)	Information Kiosk	ANTHONY MUNOZ GYMNASIUM (Site Map)	Signage contractor to verify text and location prior to fabrication.
X21.01 (at Community Center)	1 (2-Sided)	Information Kiosk	ANTHONY MUNOZ GYMNASIUM (Site Map) (Requires update to accommodate site map)	Signage contractor to verify text and location prior to fabrication.
X22.01	1	Fire Riser Identification	FIRE RISER INSIDE	Signage contractor to verify text and location prior to fabrication.
INTERIOR BUILDING SIGNAGE				
A1.01	1	Interior Room Identification Signs	STORAGE 124 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.02	1	Interior Room Identification Signs	STORAGE 124 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.03	1	Interior Room Identification Signs	GYM ENTRANCE 4 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.04	1	Interior Room Identification Signs	GYM ENTRANCE 3 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.05	1	Interior Room Identification Signs	GYM ENTRANCE 2 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.06	1	Interior Room Identification Signs	STORAGE 112 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.07	1	Interior Room Identification Signs	IT ROOM 113 (Braille Tactile)	Signage contractor to verify text and
A1.08	1	Interior Room Identification Signs	STORAGE 114 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.09	1	Interior Room Identification Signs	GYM ENTRANCE 1 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.10	1	Interior Room Identification Signs	STORAGE 117 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.11	1	Interior Room Identification Signs	STORAGE 111 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.12	1	Interior Room Identification Signs	RA 125 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.

ANTHONY MUNOZ GYMNASIUM SIGNAGE PROGRAM
MESSAGE SCHEDULE

See Sheets: SP.1.1 and LP.1.1

A1.13	1	Interior Room Identification Signs	CUSTODIAN 105 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A1.14	1	Interior Room Identification Signs	STORAGE 104 (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A2.01	1	Area Identification Sign	COMMUNITY NEWS	Signage contractor to verify text and location prior to fabrication.
A2.02	1	Area Identification Sign	INFORMATION	Signage contractor to verify text and location prior to fabrication.
A2.03	1	Area Identification Sign	INFORMATION	Signage contractor to verify text and location prior to fabrication.
A3.01	1	Changeable Room Identification Sign / Small	GYM OFFICE (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A3.02	1	Changeable Room Identification Sign / Small	OFFICE 115 (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A3.03	1	Changeable Room Identification Sign / Small	GYM OFFICE (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A3.04	1	Changeable Room Identification Sign / Small	OFFICE 119 (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A4.01	1	Changeable Room Identification Sign / Large	TEEN ROOM (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A4.02	1	Changeable Room Identification Sign / Large	STAFF OFFICES (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A4.03	1	Changeable Room Identification Sign / Large	TEEN ROOM (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A4.04	1	Changeable Room Identification Sign / Large	FITNESS ROOM (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.
A4.05	1	Changeable Room Identification Sign / Large	FITNESS ROOM (Braille Tactile) (Paper Insert)	Signage contractor to verify text and location prior to fabrication.

April 30, 2026

A5.01	1	Interior CBC Restroom Identification Sign	 (Triangle)	Signage contractor to verify text and location prior to fabrication.
A5.02	1	Interior CBC Restroom Identification Sign	 (Circle)	Signage contractor to verify text and location prior to fabrication.
A6.01	1	Interior ADA Restroom Identification Sign	 MEN (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A6.02	1	Interior ADA Restroom Identification Sign	 WOMEN (Braille Tactile)	Signage contractor to verify text and location prior to fabrication.
A7.01	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.02	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.03	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.04	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.05	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.06	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.07	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.08	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.09	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.10	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.11	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.12	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.

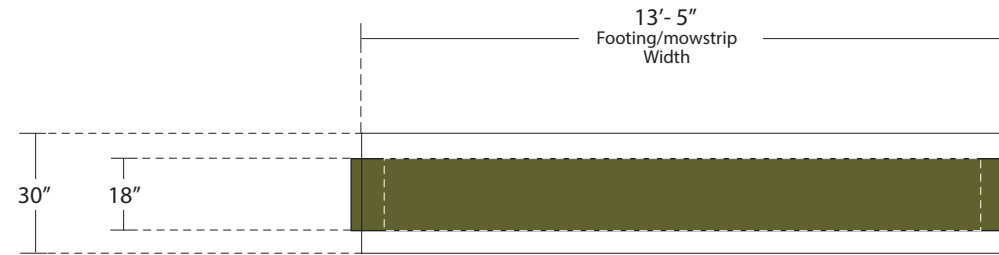
ANTHONY MUNOZ GYMNASIUM SIGNAGE PROGRAM
MESSAGE SCHEDULE

See Sheets: SP.1.1 and LP.1.1

A7.13	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.14	1	Interior ADA Emergency Exit Signs	EXIT (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.15	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.16	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A7.17	1	Interior ADA Emergency Exit Signs	EXIT ROUTE (Braille Tactile)	Signage contractor to verify text and location with Fire Marshal prior to fabrication.
A9.01	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A9.02	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A9.03	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A9.04	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A9.05	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A9.06	1	Emergency Evacuation Sign	(Evacuation Map Insert)	Signage contractor to verify text/map and location with Fire Marshal prior to fabrication.
A10b.01	1	Maximum Room Occupancy Sign / Small	ROOM CAPACITY ???	Signage contractor to verify text and location prior to fabrication with owner and Fire Marshal
A10b.02	1	Maximum Room Occupancy Sign / Small	ROOM CAPACITY ???	Signage contractor to verify text and location prior to fabrication with owner and Fire Marshal
A10b.03	1	Maximum Room Occupancy Sign / Small	ROOM CAPACITY ???	Signage contractor to verify text and location prior to fabrication with owner and Fire Marshal
A10b.04	1	Maximum Room Occupancy Sign / Small	ROOM CAPACITY ???	Signage contractor to verify text and location prior to fabrication with owner and Fire Marshal

April 30, 2026

A11.01	1	Interior Automated External Defibrillator Sign	AED AUTOMATED EXTERNAL DEFIBRILLATOR (symbol) BLEEDING CONTROL KIT (symbol)	Signage contractor to verify text and location prior to fabrication with owner and Fire Marshal
A13.01	1	Changeable Information Sign / Medium	(Paper Insert) (Fitness Center Rules)	Signage contractor to verify location prior to fabrication.
A15.01 thru A15.02	2	Changeable Information Sign / Desk Top	(Paper Insert)	Signage contractor to verify location prior to fabrication.
A16.01 thru A16.02	2	Changeable Information Sign / Stantion	(Paper Insert)	Signage contractor to verify location prior to fabrication.
A19.01	1	I	↑ TO GYM	Signage contractor to verify text and location prior to fabrication.
A20.01	1	Gym Entrance Identification Sign	4	Signage contractor to verify location prior to fabrication.
A20.02	1	Gym Entrance Identification Sign	2 & 3	Signage contractor to verify location prior to fabrication.
A20.03	1	Gym Entrance Identification Sign	1	Signage contractor to verify location prior to fabrication.
A21.01	1	Gaming Station Identification Sign	1 (Circle)	Signage contractor to verify location prior to fabrication.
A21.02	1	Gaming Station Identification Sign	2 (Circle)	Signage contractor to verify location prior to fabrication.
A21.03	1	Gaming Station Identification Sign	3 (Circle)	Signage contractor to verify location prior to fabrication.
A21.04	1	Gaming Station Identification Sign	4 (Circle)	Signage contractor to verify location prior to fabrication.

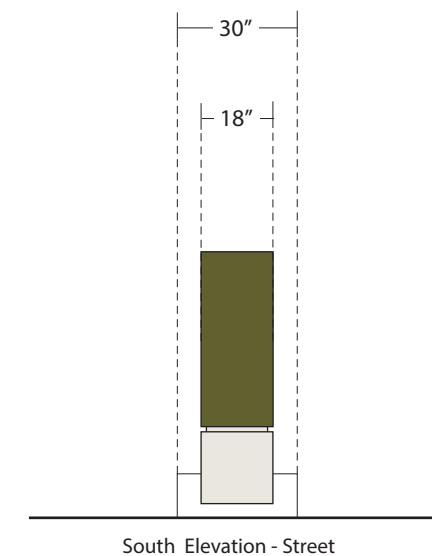
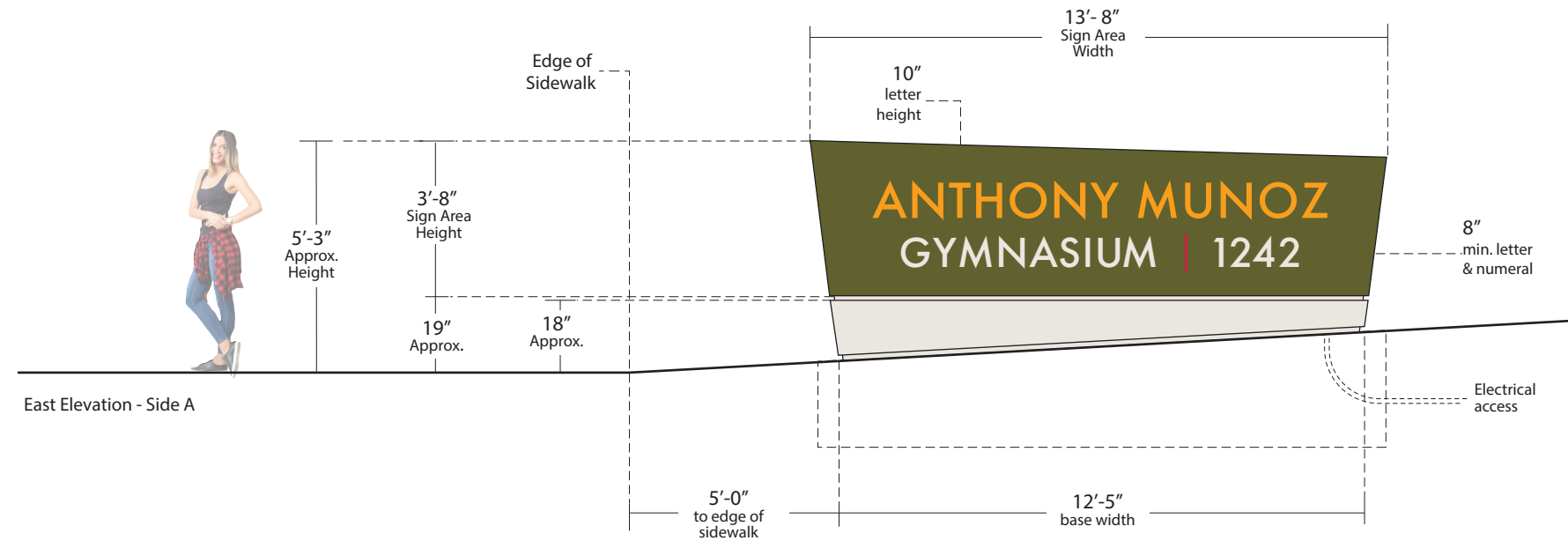


Sign Type R9.01 - Project Identification Monument Sign

Two-sided, fabricated aluminum monolith with cut-out push-thru acrylic graphics and opaque aluminum plate letter faces. Sign illuminates via concealed interior LED light fixtures that illuminate edge of letters only, creating a halo effect around each letter. Aluminum monolith rests on a poured-in-place concrete base with mow strip.

Sign Height: 5'-3" (7'-0" maximum allowable sign height per Ontario Development Plan).

Sign Area: 50.0 square feet - 13'-8" sign area width x 3'-8" sign area height = 50.0 square feet.
(maximum allowable sign area per Ontario Development Plan).



Scale: 1/4" = 1'-0"

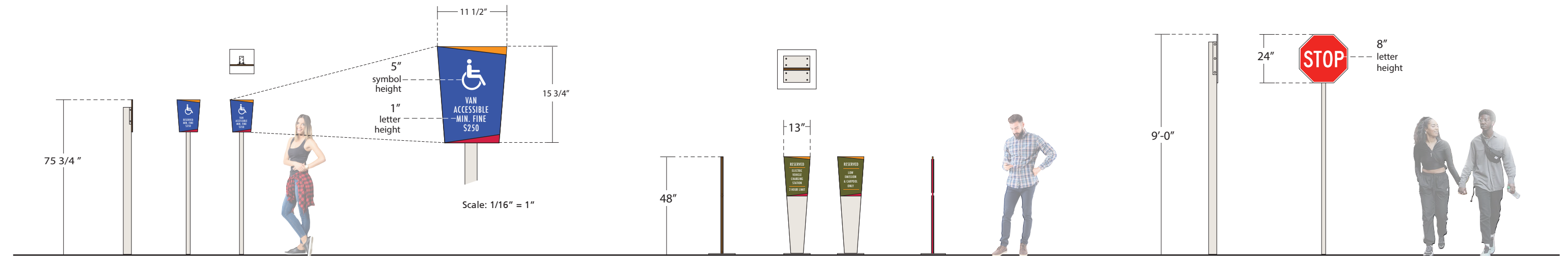


Sign Type R1.00 - Parking Disclaimer / Tow Away Sign

Fabricated aluminum pylon with applied vinyl graphics resting on a concrete base/footing per existing AMCC design standards.

Sign Type R2.00 - Vehicular Directional Sign

Fabricated aluminum pylon with applied vinyl graphics resting on a concrete base/footing per existing AMCC design standards.



Sign Type R3.00 - Accessible Parking Identification Sign

Aluminum plate sign panel with applied vinyl graphics mounted to a rectangular aluminum tube post per existing AMCC design standards.

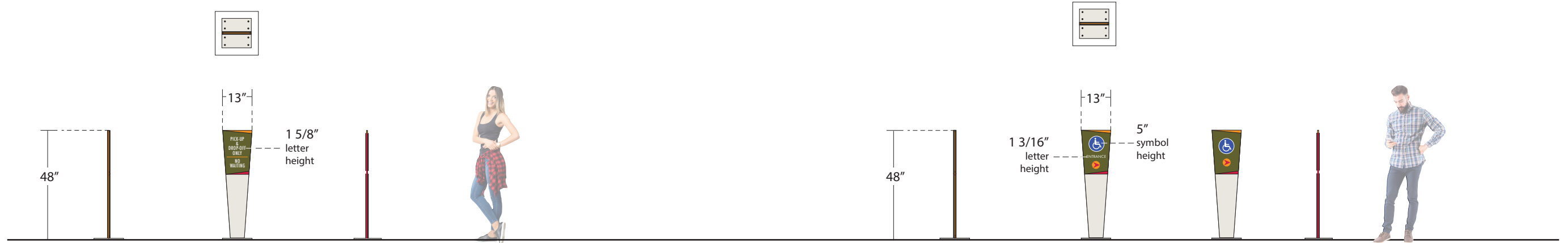
Sign Type R4.00 - Reserved Parking Identification Sign

Fabricated aluminum pylon with applied vinyl graphics resting on a concrete base/footing per existing AMCC design standards.

Sign Type R5.00 - Traffic Regulatory / Stop Sign

Aluminum plate sign panel with applied vinyl graphics mounted to a rectangular aluminum tube post per existing AMCC design standards.

Scale: 1/4" = 1'-0"

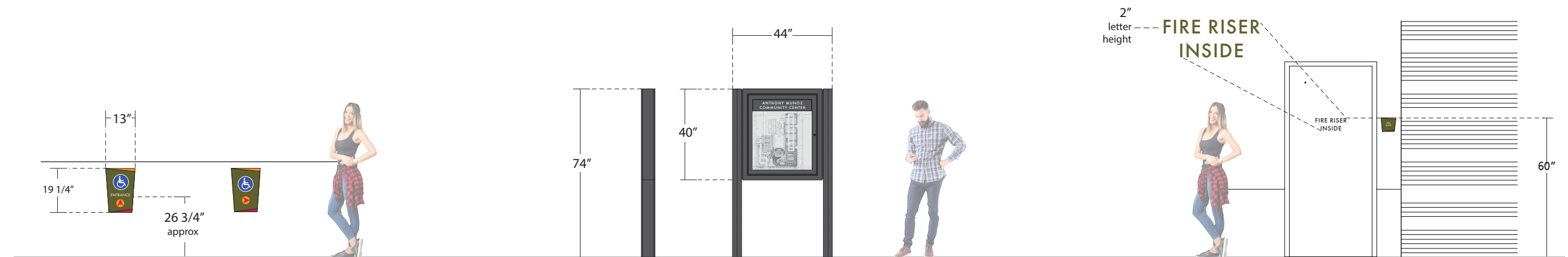


Sign Type R6.00 - Passenger Drop-off Sign

Fabricated aluminum pylon with applied vinyl graphics resting on a concrete base/footing per existing AMCC design standards.

Sign Type R7.00 - Accessible Pathway Identification/ Freestanding

Fabricated aluminum pylon with applied vinyl graphics resting on a concrete base/footing per existing AMCC design standards.



Sign Type R8.00 - Accessible Pathway Identification/ Wall Mount

Fabricated aluminum sign panel with applied vinyl graphics mounted to concrete wall surface.

Sign Type X21.00 - Information Kiosk / You Are Here Map

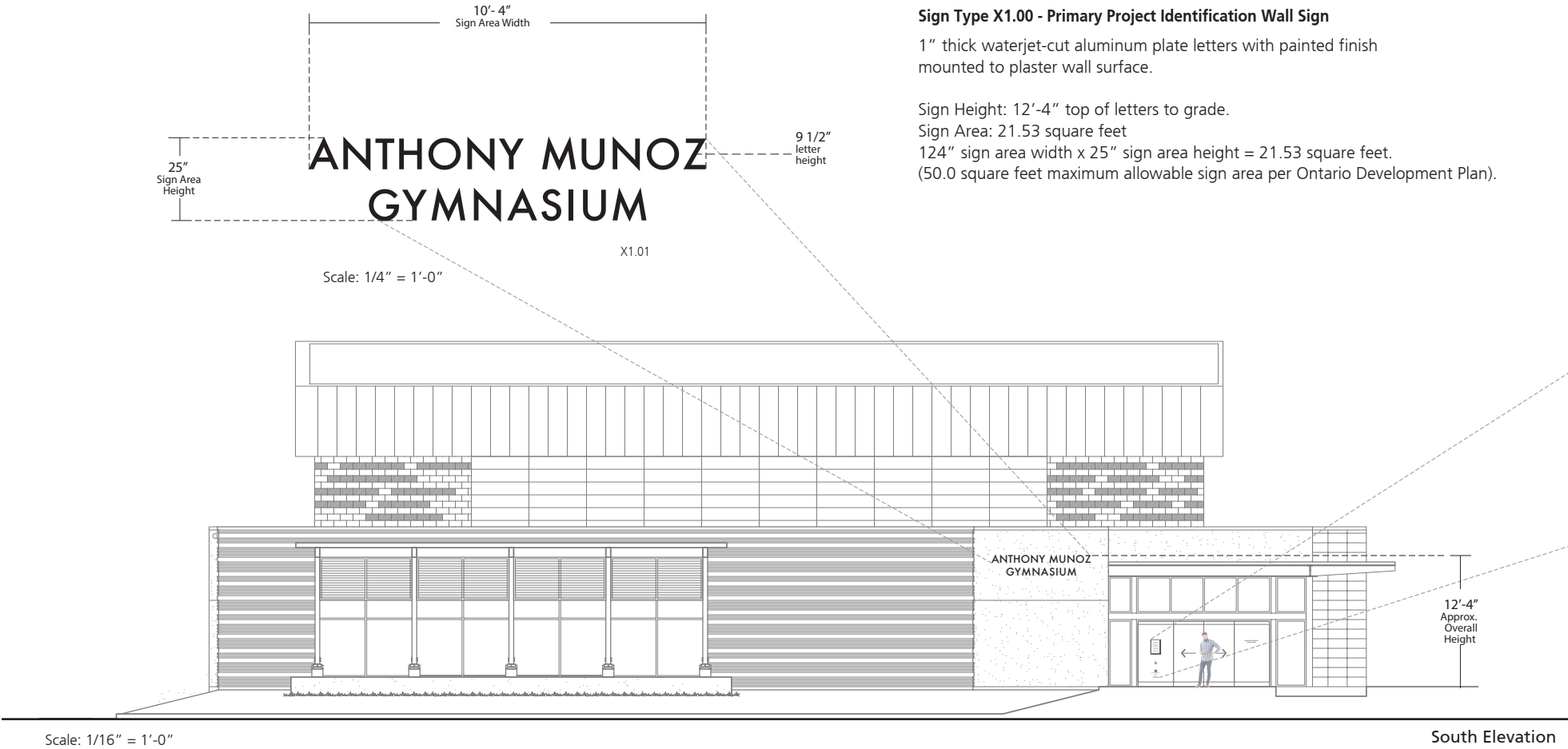
One-sided, internally illuminated, fabricated aluminum display cabinet with lockable door, digital print You Are Here Map, and tempered glass window. Cabinet is supported by two aluminum channel posts.

Note: Existing two-sided sign X21.01 at Community Center requires upgrade to accommodate site map.

Sign Type X22.00 - Fire Riser Identification Sign

Vinyl letters applied directly to exterior door surface.

Scale: 1/4" = 1'-0"



Sign Type X1.00 - Primary Project Identification Wall Sign
1" thick waterjet-cut aluminum plate letters with painted finish mounted to plaster wall surface.

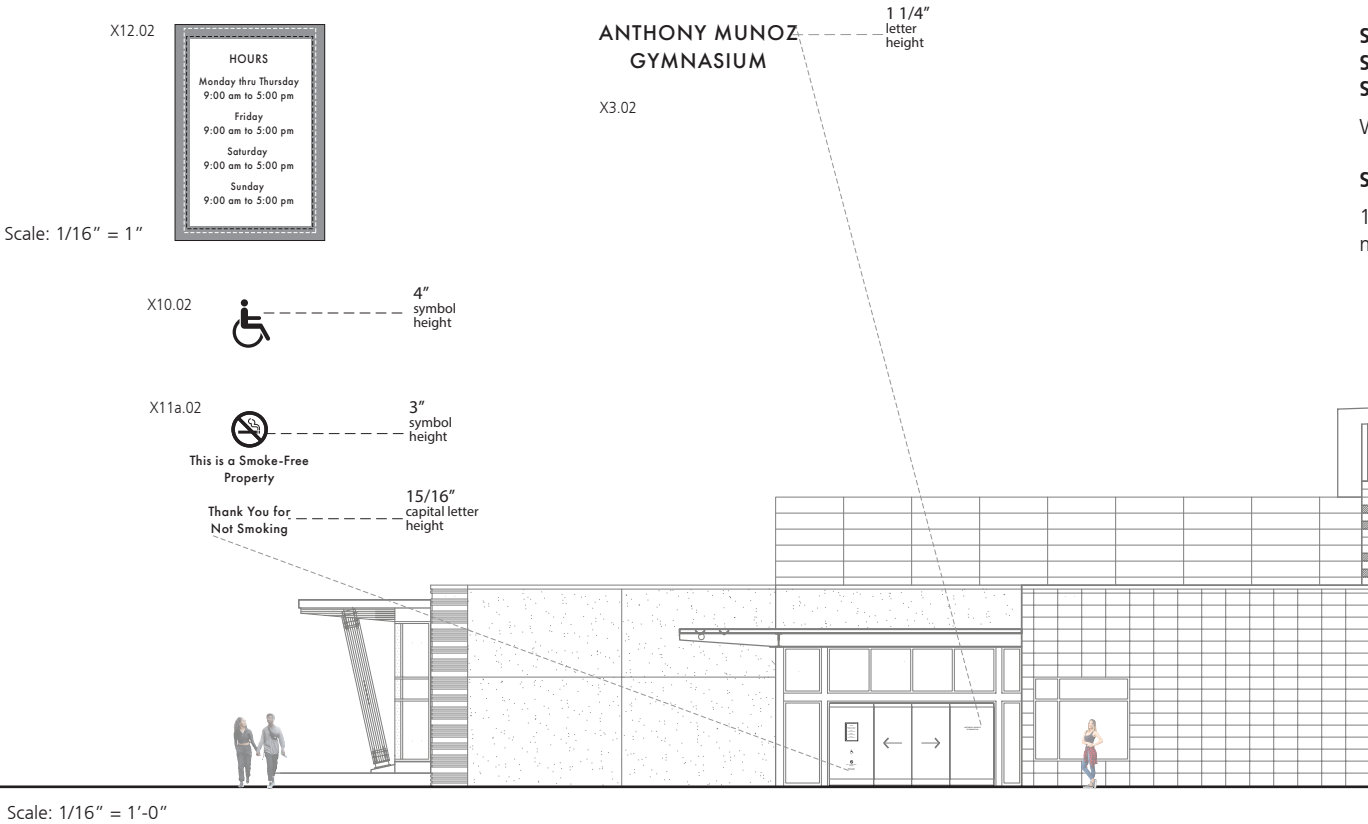
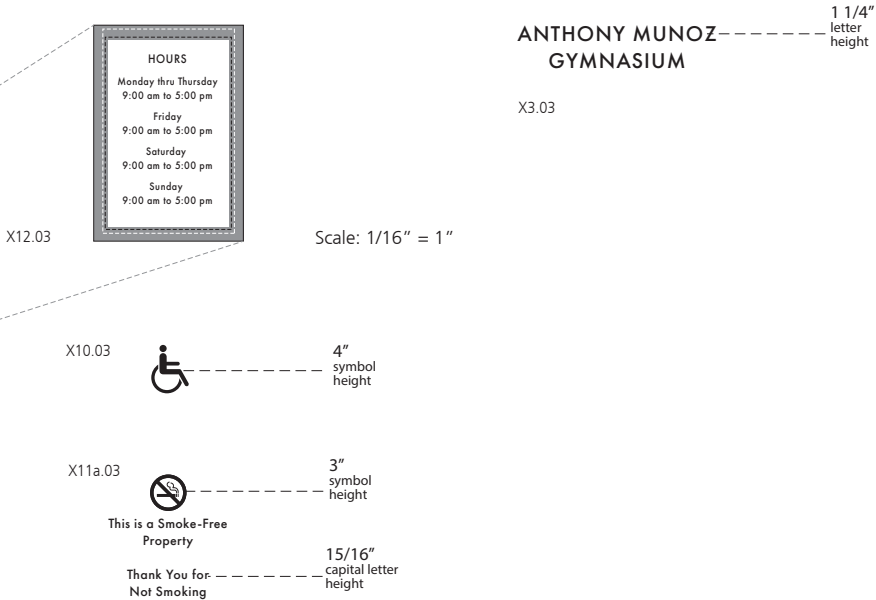
Sign Height: 12'-4" top of letters to grade.
Sign Area: 21.53 square feet
124" sign area width x 25" sign area height = 21.53 square feet.
(50.0 square feet maximum allowable sign area per Ontario Development Plan).

Sign Type X3.00 - Project Entry Identification Sign
Sign Type X10.00 - International Symbol of Accessibility
Sign Type X11a.00 - No Smoking Notice

White vinyl logo, letters and symbols applied first-surface to glass.

Sign Type X12.00 - Hours of Operation

12 1/2" wide x 18" high, multi-layered acrylic sign panel with paper insert mounted to inside of glass

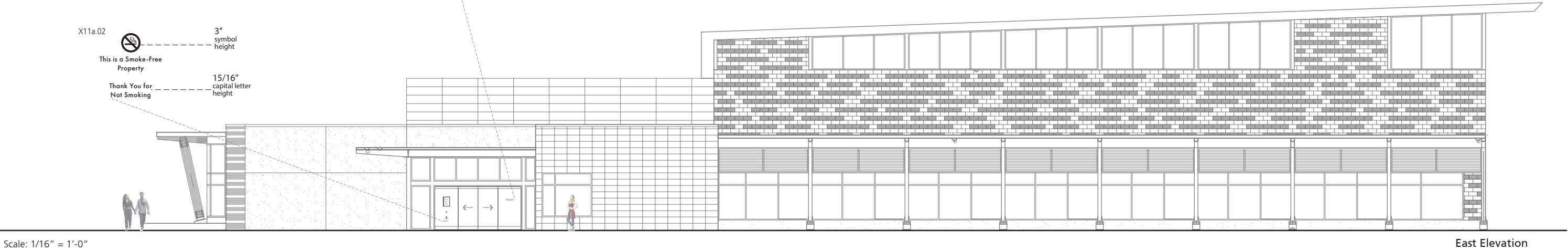


Sign Type X3.00 - Project Entry Identification Sign
Sign Type X10.00 - International Symbol of Accessibility
Sign Type X11a.00 - No Smoking Notice

White vinyl logo, letters and symbols applied first-surface to glass.

Sign Type X12.00 - Hours of Operation

12 1/2" wide x 18" high, multi-layered acrylic sign panel with paper insert mounted to inside of glass.



ANTHONY MUNOZ
GYMNASIUM

X3.01

Scale: 1/16" = 1"

X12.01



X10.01



4" symbol height

X11a.01



This is a Smoke-Free Property

Thank You for Not Smoking

3" symbol height

15/16" capital letter height

Sign Type X3.00 - Project Entry Identification Sign
Sign Type X10.00 - International Symbol of Accessibility
Sign Type X11a.00 - No Smoking Notice

White vinyl logo, letters and symbols applied first-surface to glass.

Sign Type X12.00 - Hours of Operation

12 1/2" wide x 18" high, multi-layered acrylic sign panel with paper insert mounted to inside of glass

Scale: 1/16" = 1'-0"

North Elevation

X5.05



5/8" letter height

Sign Type X5.00 - Exterior Room Identification Sign

6 5/8" wide x 6" high, multi-color painted aluminum backer and exterior grade photopolymer sign face with raised Braille / tactile, screen print graphics.

Sign Type R8.00 - Accessible Pathway Identification/ Wall Mount

13" wide x 19 1/4" high, fabricated aluminum sign panel with applied vinyl graphics mounted to concrete wall surface.



R8.05

ANTHONY MUNOZ
GYMNASIUM

X3.04

1 1/4" letter height



X12.04

Scale: 1/16" = 1"

X10.04



4" symbol height

X11a.04

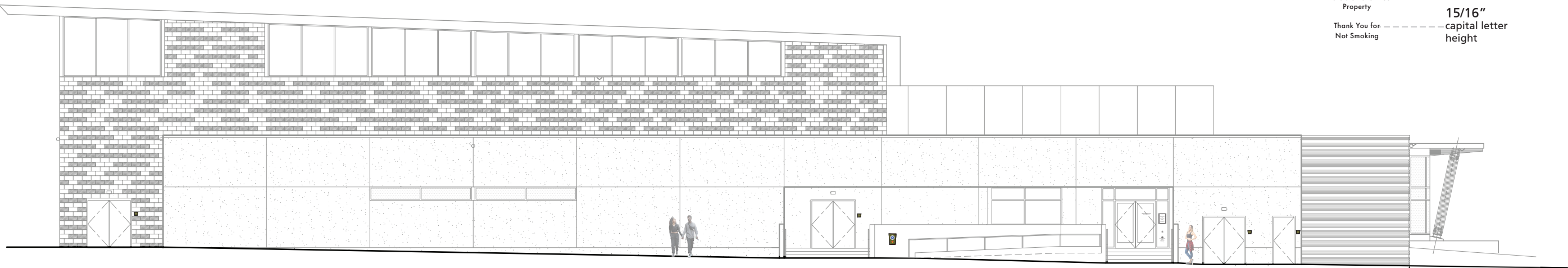


This is a Smoke-Free Property

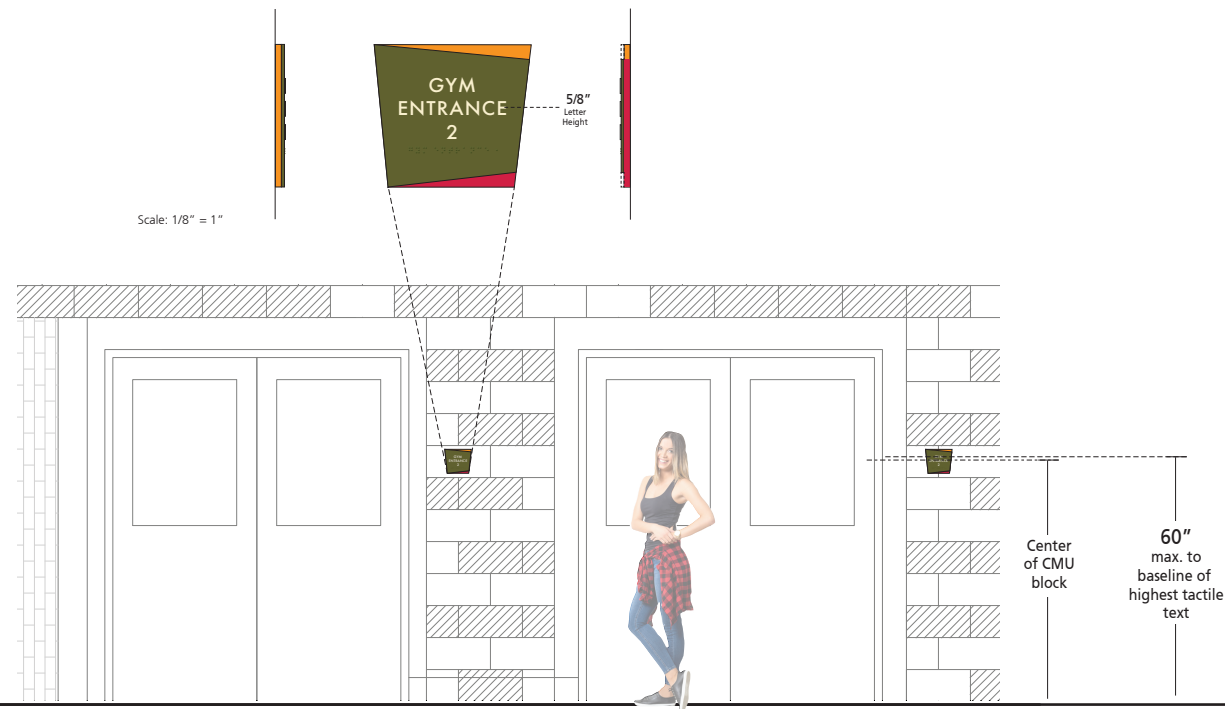
Thank You for Not Smoking

3" symbol height

15/16" capital letter height



West Elevation



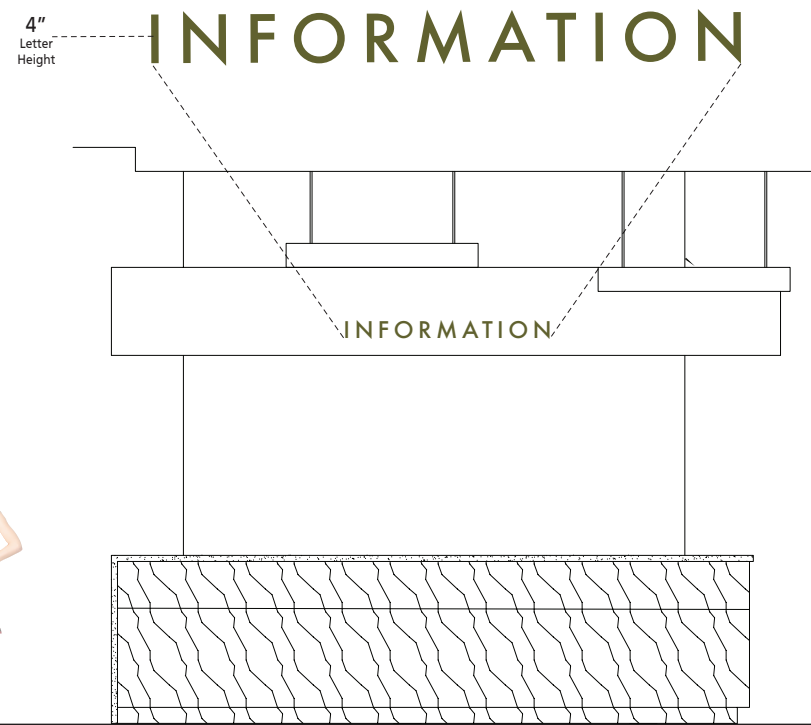
Sign Type A1.00 - Interior Room Identification Sign

6 5/8" wide x 6" high, multi-color painted acrylic backer and etched photopolymer sign face with raised Braille / tactile, screen print graphics.



Sign Type A2.01 - Area Identification Sign

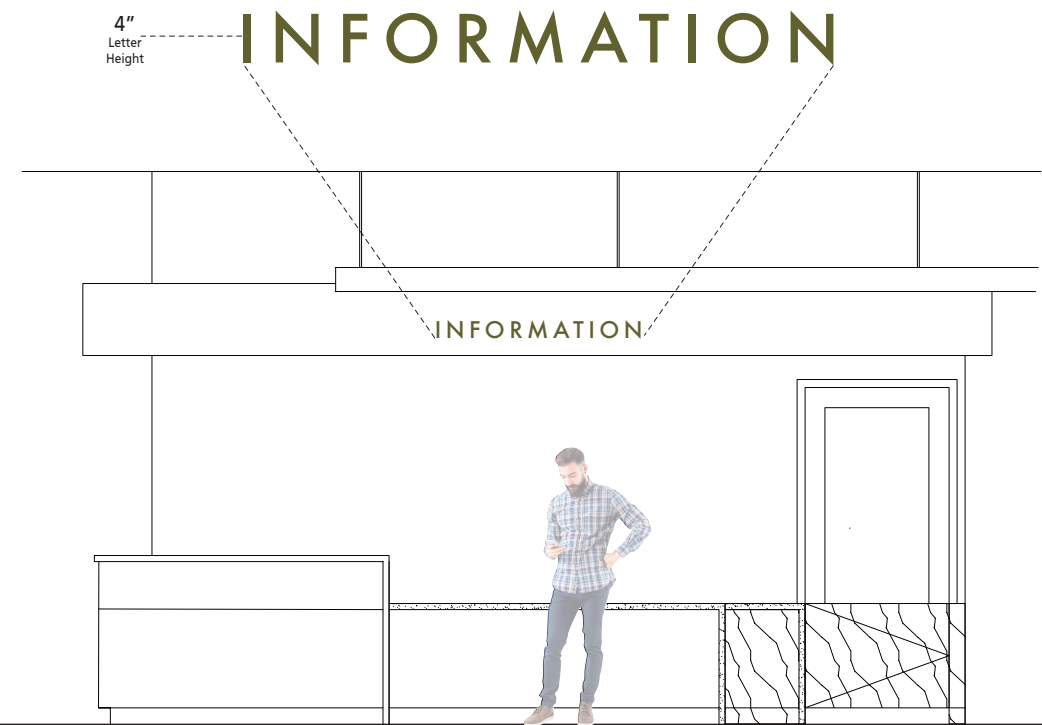
Cut out acrylic letters with painted finish mounted directly casework surface.



Scale: 1/4" = 1'-0"

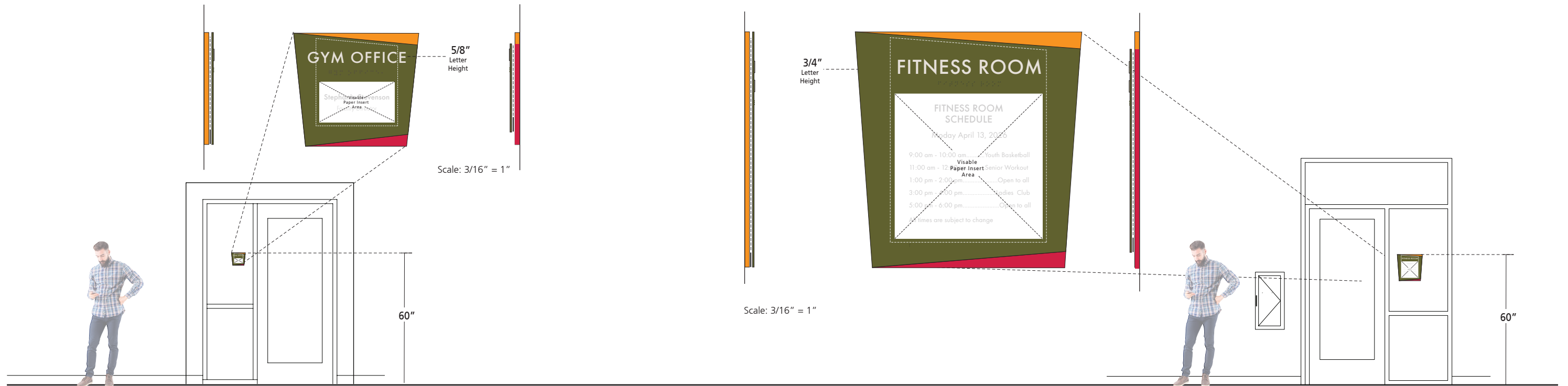
Sign Type A2.02 - Area Identification Sign

Cut out acrylic letters with painted finish mounted directly casework surface.



Sign Type A2.31 - Area Identification Sign

Cut out acrylic letters with painted finish mounted directly casework surface.

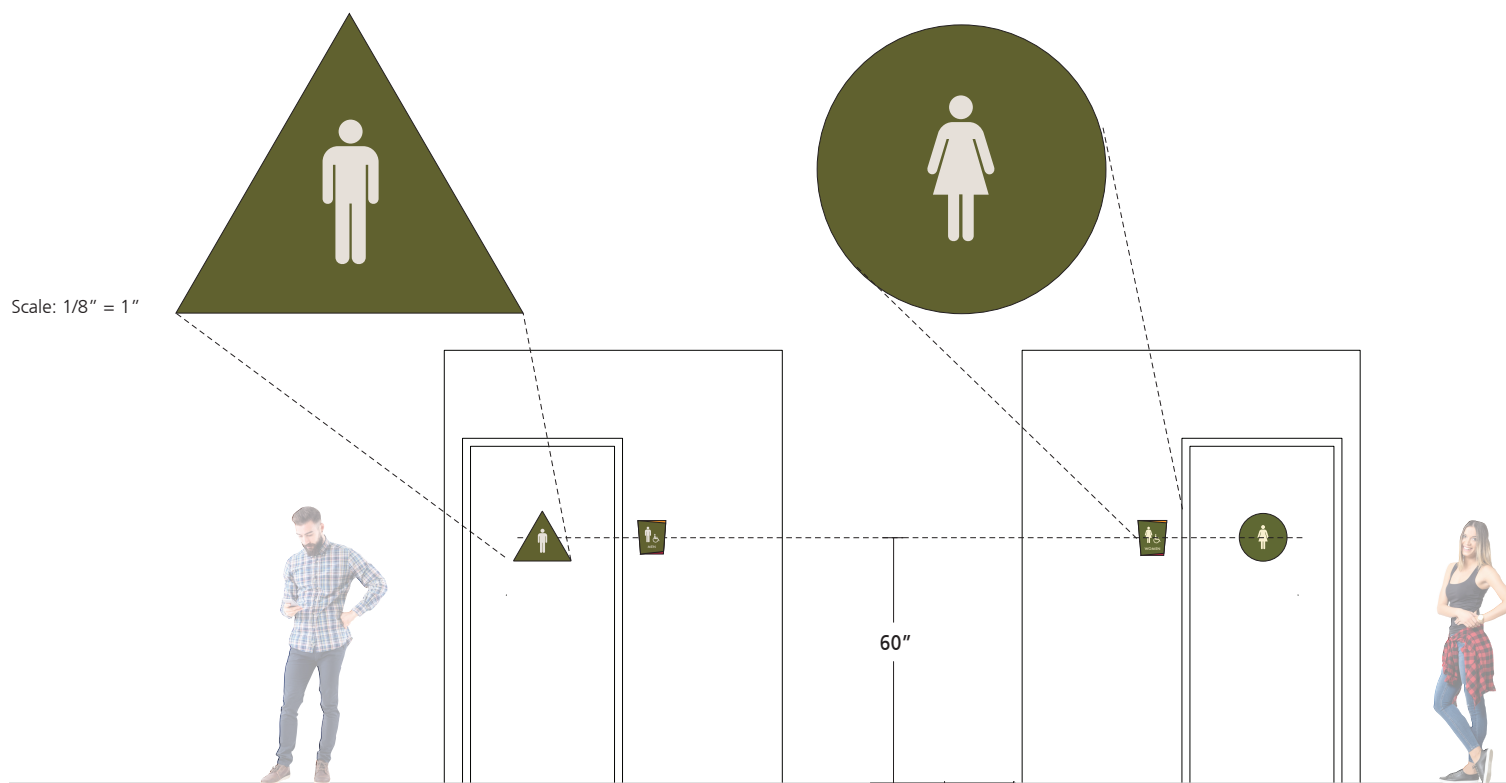


Sign Type A3.00: Changeable Room Identification Sign / Small

6 5/8" wide x 6" high, multi-color painted acrylic backer and etched photopolymer sign face with mask-painted border / window and raised Braille / tactile, screen print graphics. Sign utilizes a changeable paper insert.

Sign Type A4.00: Changeable Room Identification Sign / Large

12" wide x 12 1/2" high, multi-color painted acrylic backer and etched photopolymer sign face with mask-painted border / window and raised Braille / tactile, screen print graphics. Sign utilizes a changeable paper insert.



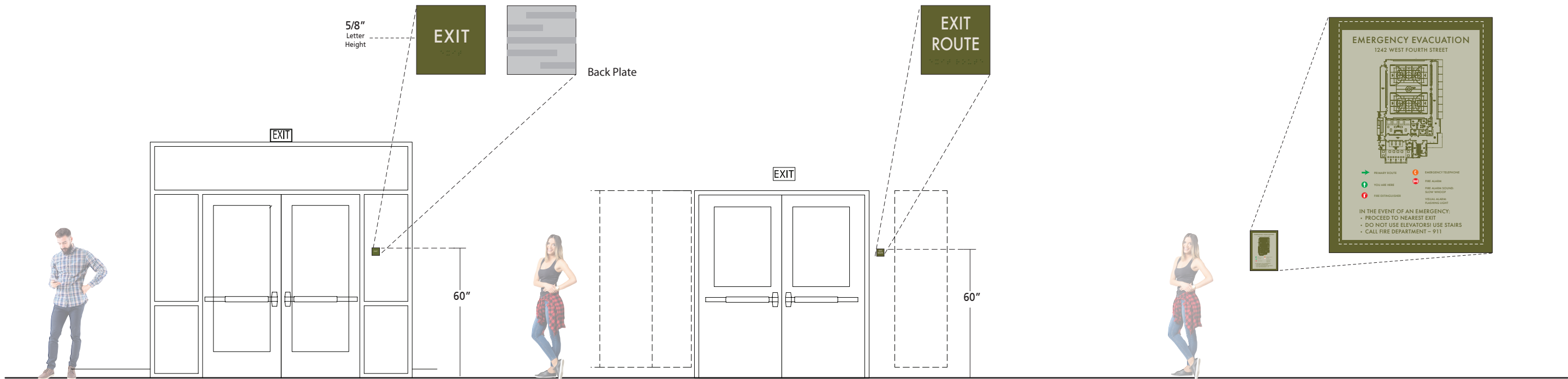
Sign Type A5.00 - Interior CBC Restroom Identification Sign

Etched photopolymer sign face with raised, screen print graphics. 12" diameter circle and 14 1/2" equalateral triangle.



Sign Type A6.00 - Interior ADA Restroom Identification Sign

7" wide x 8 3/8" high multi-color painted acrylic backer and etched photopolymer sign face with raised Braille / tactile, screen print graphics.



Sign Type A7.00 - Interior ADA Emergency Exit Sign
 3 3/8" wide x 3 3/8" high, etched photopolymer sign face with raised Braille / tactile, screen print graphics mounted to metal column, glass or wall surface.

Sign Type A9.00 - Emergency Evacuation Sign
 12 1/2" wide x 18" high multi-layered, non-glare, transparent acrylic sign face with first-surface, mask painted border and full-color, digital print evacuation map insert.



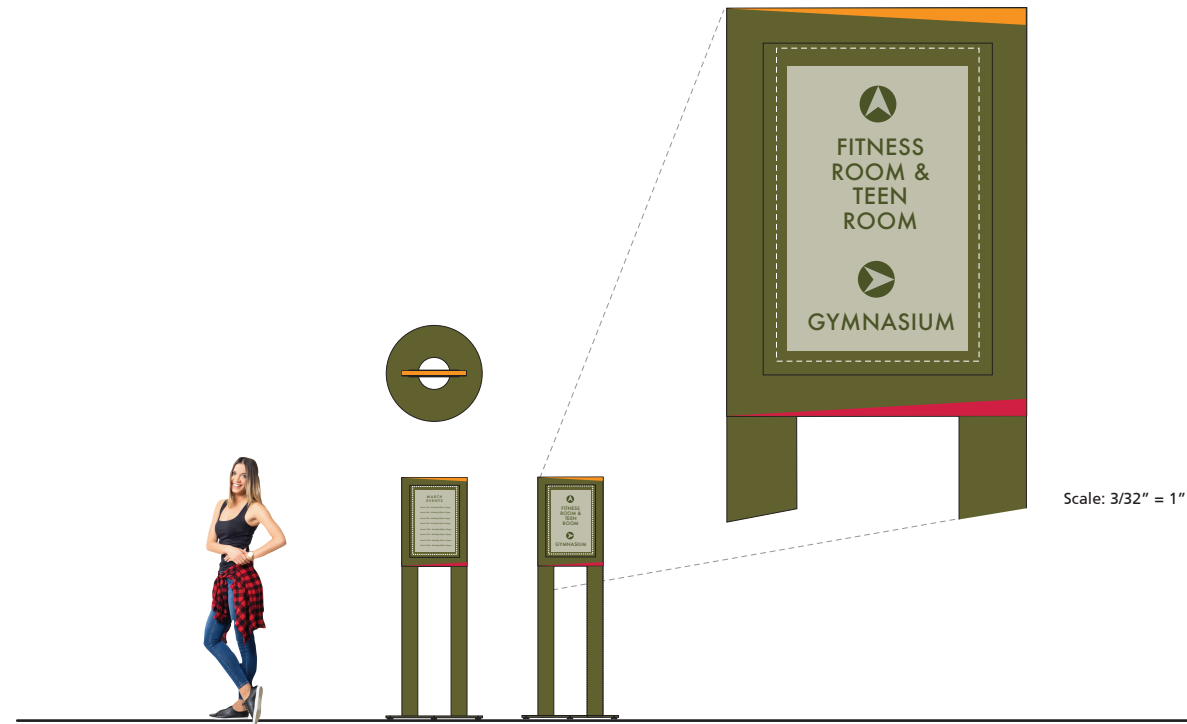
Sign Type A10b.00 - Maximum Occupancy Sign / Small
 11" wide x 8" high painted acrylic, sign panel with direct digital print graphics.

Sign Type A11.00 - Automated External Defibrillator Sign
 16" wide x 9 1/4" high painted acrylic, sign panel with direct digital print graphics.

Sign Type A13.00: Changeable Information Sign / Medium
 12 1/2" wide x 18" high multi-layered, non-glare, transparent acrylic sign face with first-surface, mask painted border and full-color, digital print evacuation map insert.

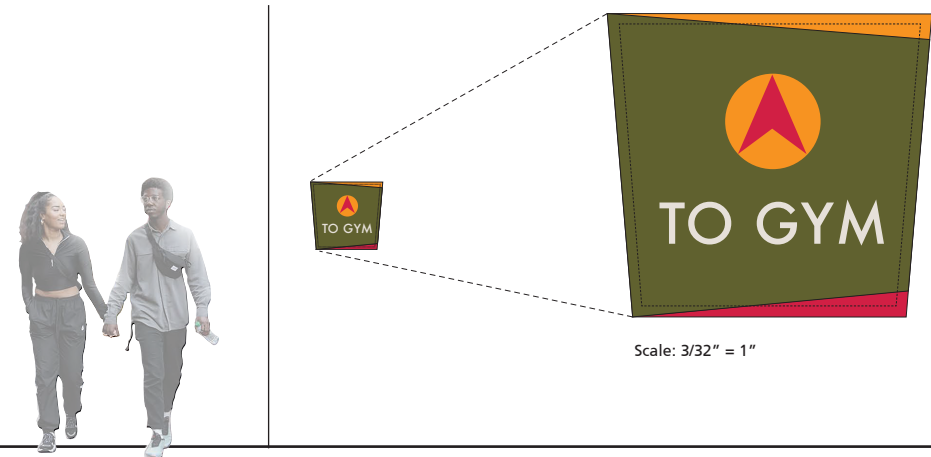
Sign Type A15.00: Changeable Information Sign / Desktop
 9 1/2" wide x 11 3/4" high multi-layered, non-glare, transparent acrylic sign face with first-surface, mask painted border, and fabricated acrylic base Sign holds an 8 1/2" x 11" changeable paper insert.

Scale: 1/4" = 1'-0"



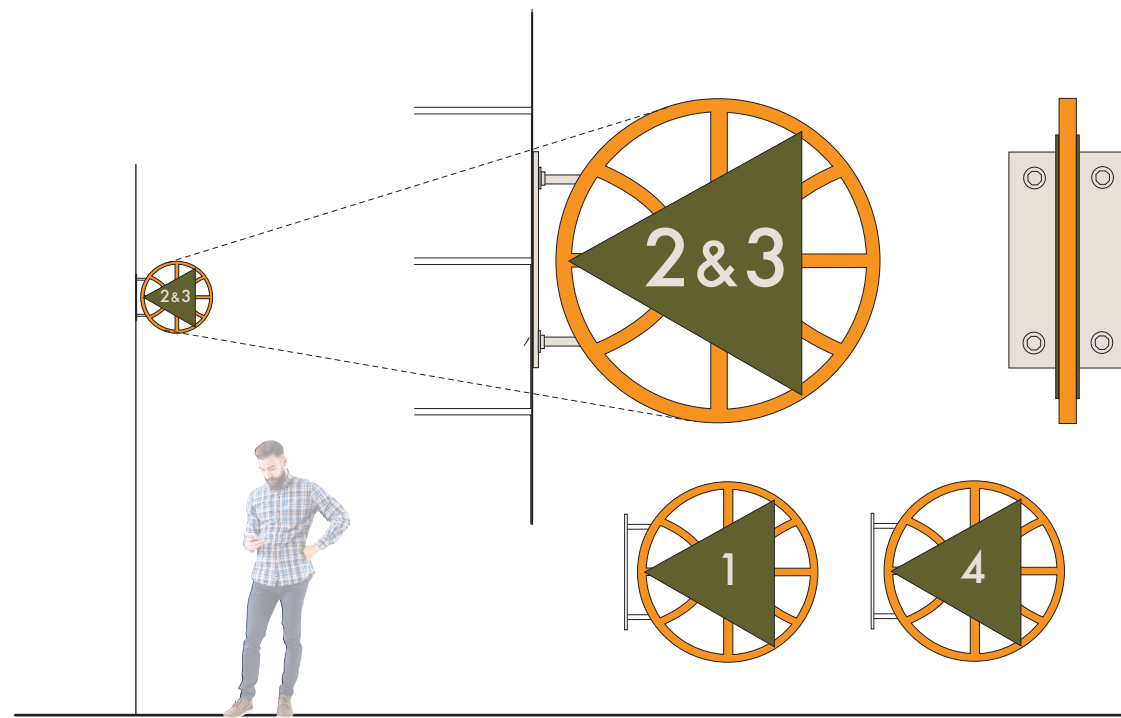
Sign Type A16.00 - Changeable Information Sign / Stanchion

16" wide x 60" high, two-sided, fabricated aluminum stanchion with multi-layered acrylic sign panel. Sign holds 11" x 17" changeable paper inserts.



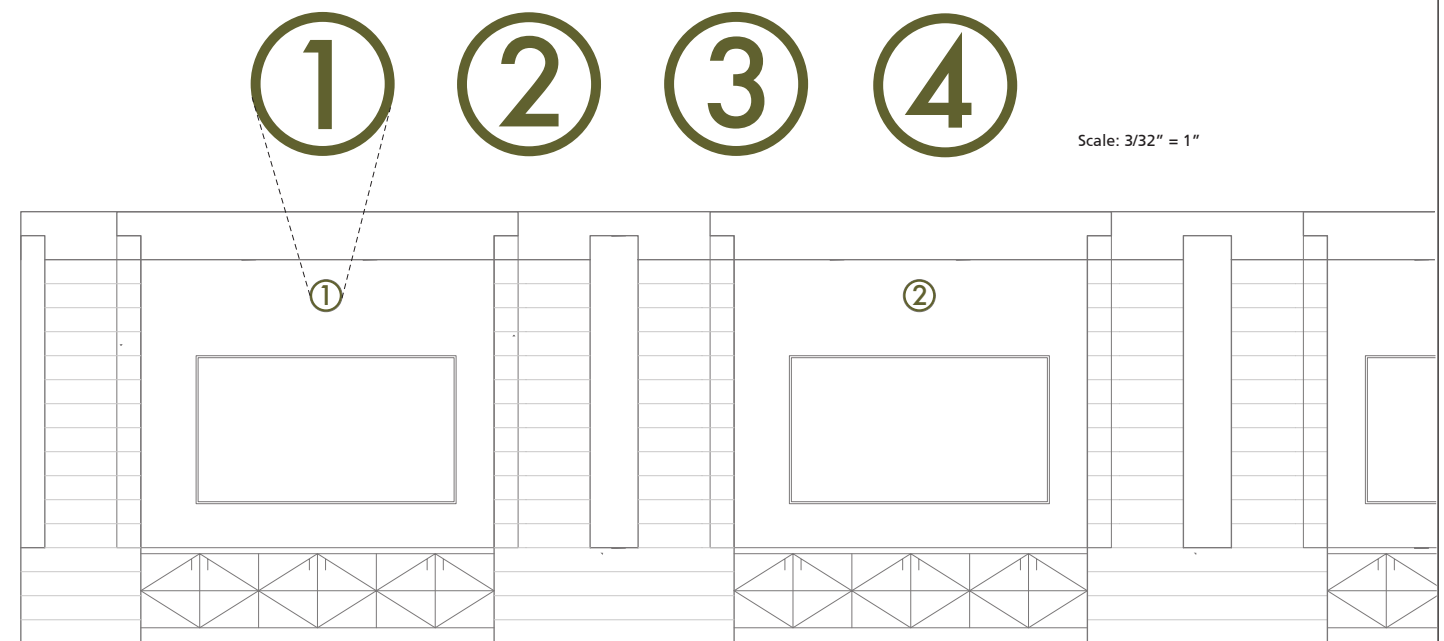
Sign Type A19.00 - Interior Directional Sign

18" wide x 16 7/8" high multi-color painted acrylic sign backer and painted acrylic sign face with direct digital or screen print graphics.



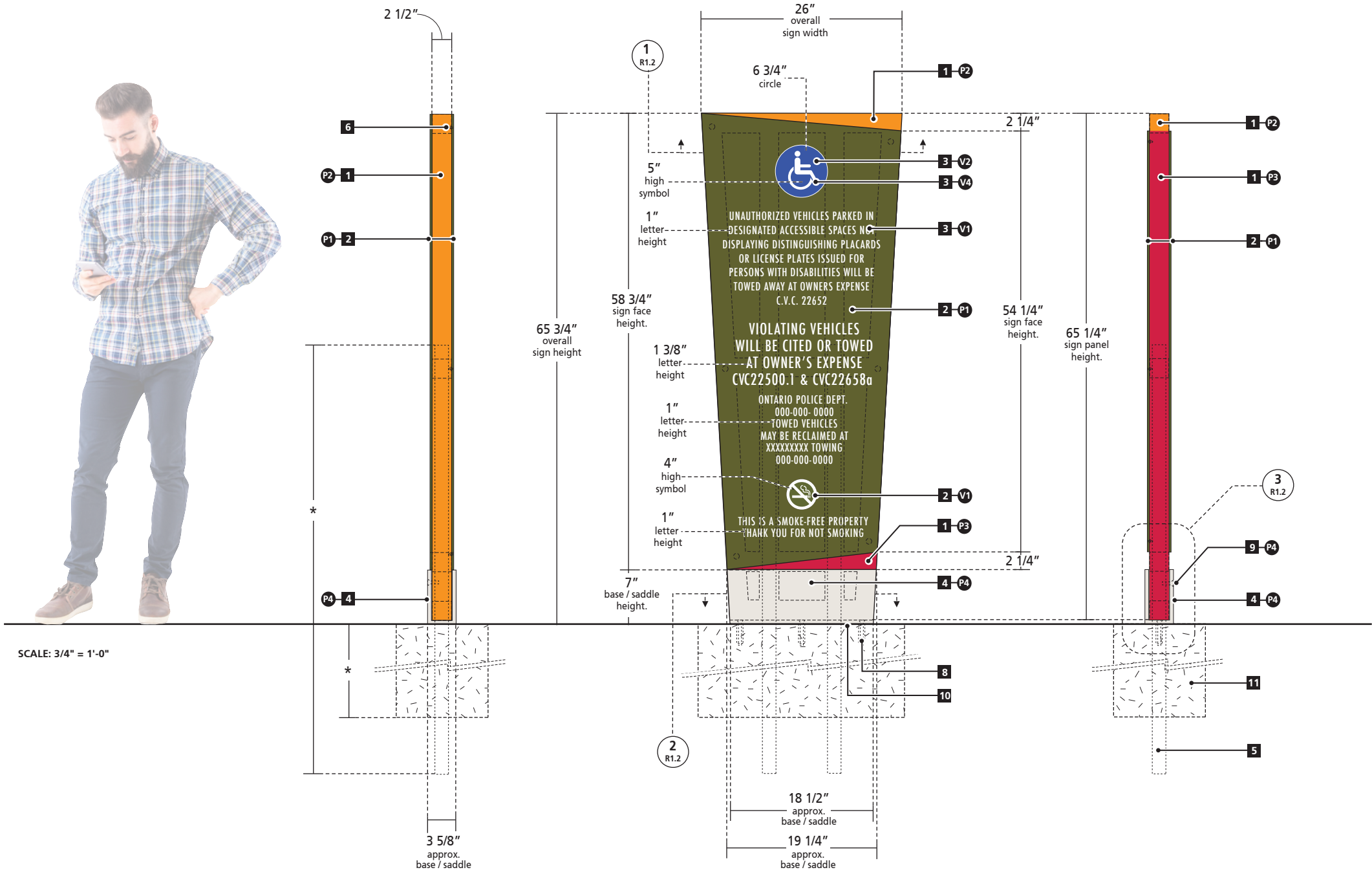
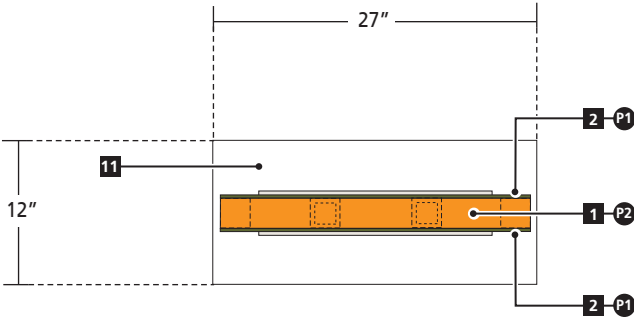
Sign Type A20.00 - Gym Entrance Identification Sign

18" diameter x 1" thick, two-sided, waterjet cut aluminum plate ball symbol and aluminum plate triangle with applied vinyl graphics. Sign mounts to wall via custom mounting bracket.



Sign Type A21.01 - Gaming Station Identification Sign

8" diameter x 3/8" thick, cut-out dimensional acrylic circles and approximately 5" high x 3/8" thick, cut-out dimensional acrylic numerals with painted finish, mounted to painted wall surface.



Sign Type R1.00 - Parking Disclaimer / Tow Away Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

- 1** 2 1/2" x 2 1/2" welded square aluminum tube frame with seamless appearance.
- 2** 1/4" thick painted aluminum plate sign face tapped and drilled to accept non-corrosive all-thread stud fastener.
- 3** Applied vinyl graphics.
- 4** 1/2" thick welded aluminum plate sign base / saddle with seamless appearance.
- 5** 1 3/4" O.D. round steel pipe vertical support. *
- 6** Appropriate non-corrosive all-thread stud fastener.
- 7** Appropriate VHB adhesive as needed, but shall allow removal of sign face for future maintenance.
- 8** Appropriate flathead, countersunk, non-corrosive, Hilti® anchor. *
- 9** Appropriate flathead, countersunk, allen screw.
- 10** Concealed aluminum plate shim as needed to ensure level installation.
- 11** Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

- P1** Painted to match Matthews MP15975 (Marinated Olive)
- P2** Painted to match Matthews MP10190 (Highway Yellow)
- P3** Painted to match Matthews MP10256 (Esprit Red)
- P4** Painted to match Matthews MP02650 (Garbo Silver)
- V1** 3M Scotchlite Opaque 7725-20 (Matte White)
- V2** 3M Scotchlite Reflective 5100-75 (Blue)
- V4** 3M Scotchlite Reflective 5100-10 (White)

NOTES

- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
- Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type R2.00 - Vehicular Directional Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

- 1 2 1/2" x 2 1/2" welded square aluminum tube frame with seamless appearance.
- 2 1/4" thick painted aluminum plate sign face tapped and drilled to accept non-corrosive all-thread stud fastener.
- 3 Applied vinyl graphics.
- 4 1/2" thick welded aluminum plate sign base / saddle with seamless appearance.
- 5 1 3/4" O.D. round steel pipe vertical support. *
- 6 Appropriate non-corrosive all-thread stud fastener.
- 7 Appropriate VHB adhesive as needed, but shall allow removal of sign face for future maintenance.
- 8 Appropriate flathead, countersunk, non-corrosive, Hilti® anchor. *
- 9 Appropriate flathead, countersunk, allen screw.
- 10 Concealed aluminum plate shim as needed to ensure level installation.
- 11 Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

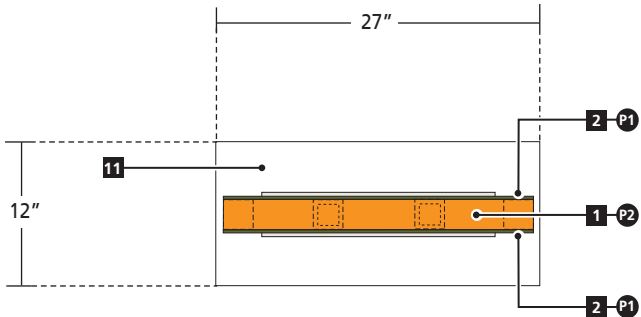
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)

NOTES

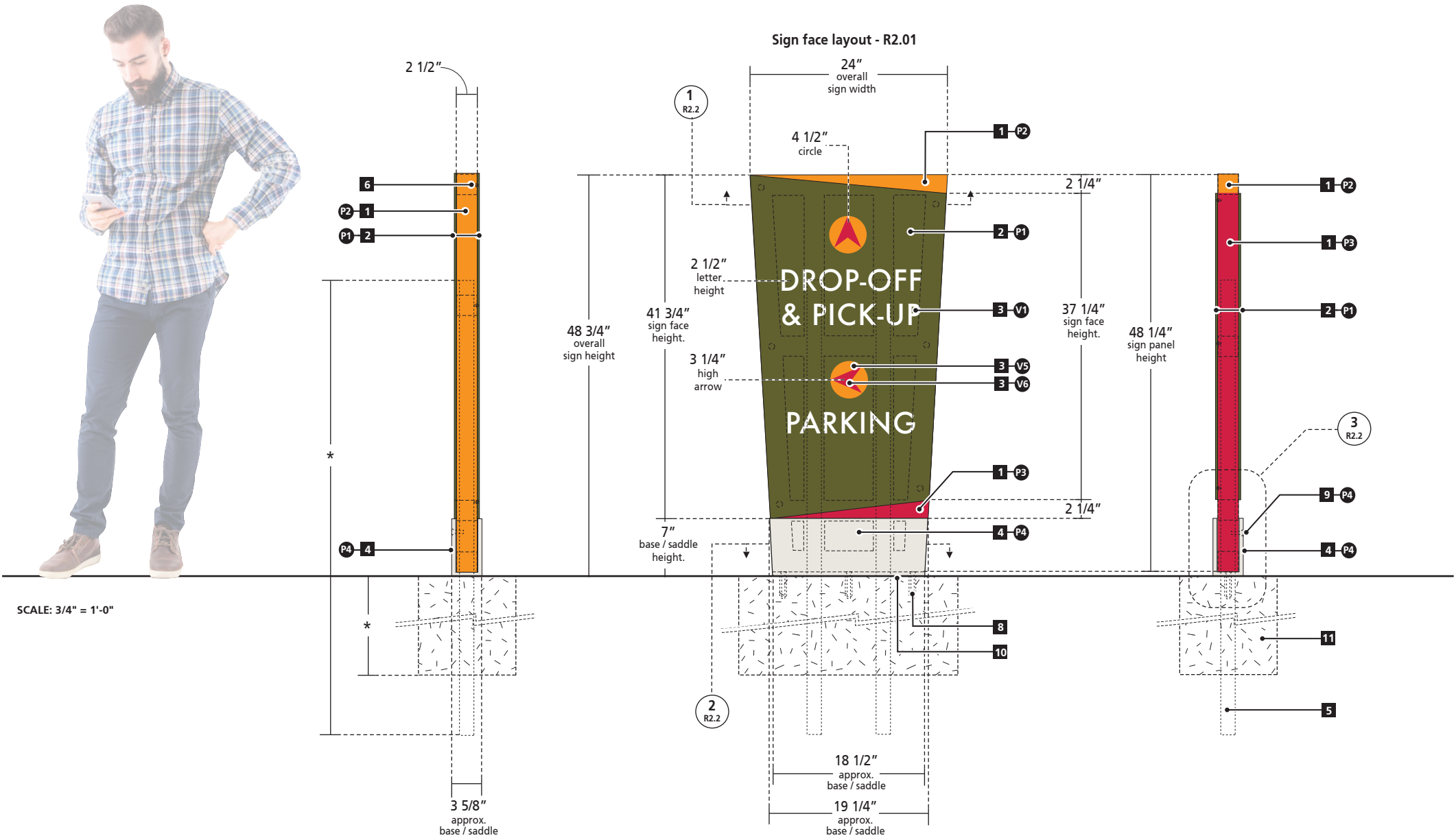
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
- Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign face layout - R2.01



Sign Type R2.00 - Vehicular Directional Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

- 1 2 1/2" x 2 1/2" welded square aluminum tube frame with seamless appearance.
- 2 1/4" thick painted aluminum plate sign face tapped and drilled to accept non-corrosive all-thread stud fastener.
- 3 Applied vinyl graphics.
- 4 1/2" thick welded aluminum plate sign base / saddle with seamless appearance.
- 5 1 3/4" O.D. round steel pipe vertical support. *
- 6 Appropriate non-corrosive all-thread stud fastener.
- 7 Appropriate VHB adhesive as needed, but shall allow removal of sign face for future maintenance.
- 8 Appropriate flathead, countersunk, non-corrosive, Hilti® anchor. *
- 9 Appropriate flathead, countersunk, allen screw.
- 10 Concealed aluminum plate shim as needed to ensure level installation.
- 11 Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)

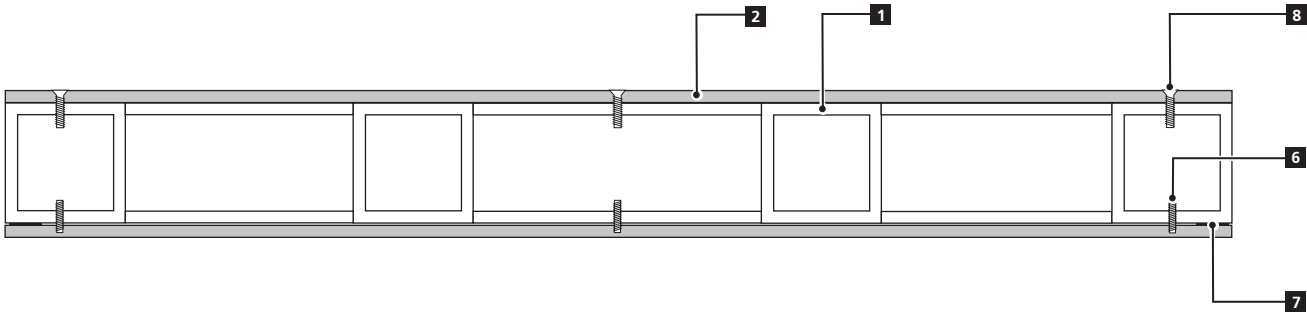
NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

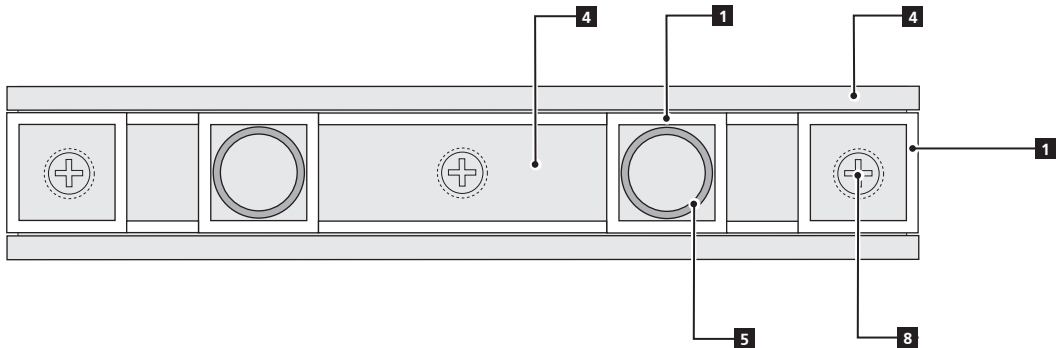
SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

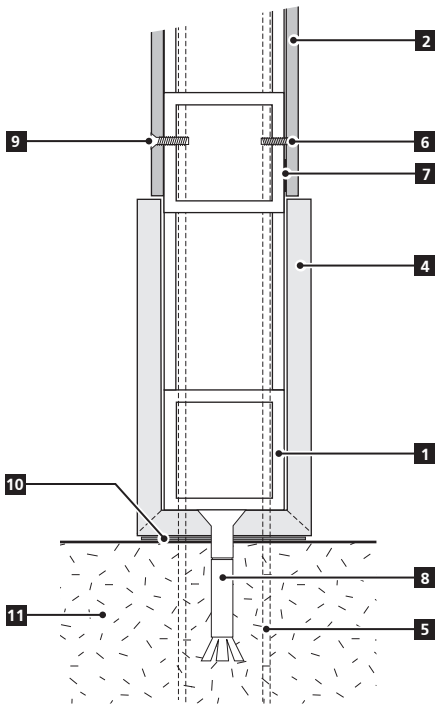
Detail 1



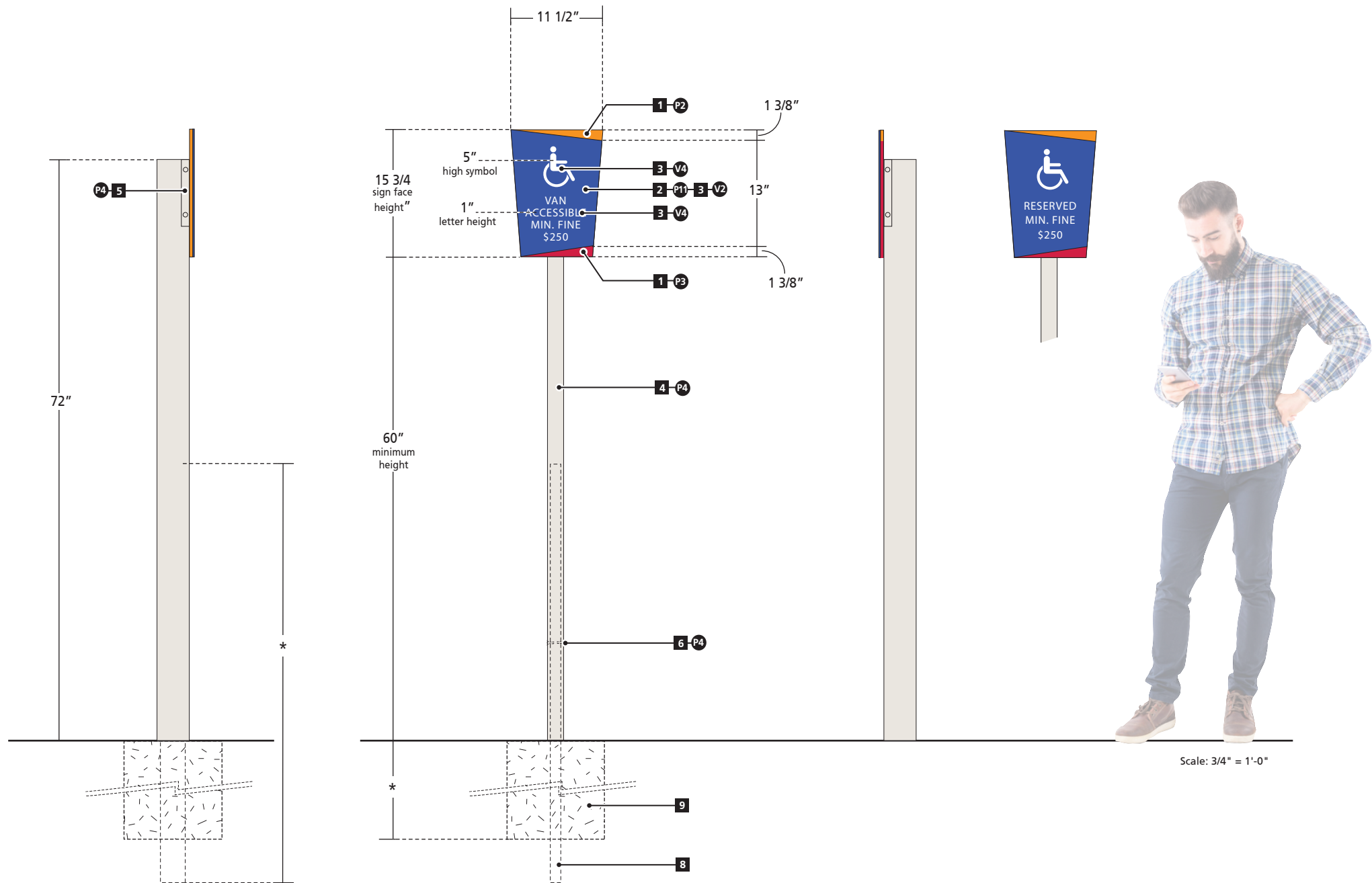
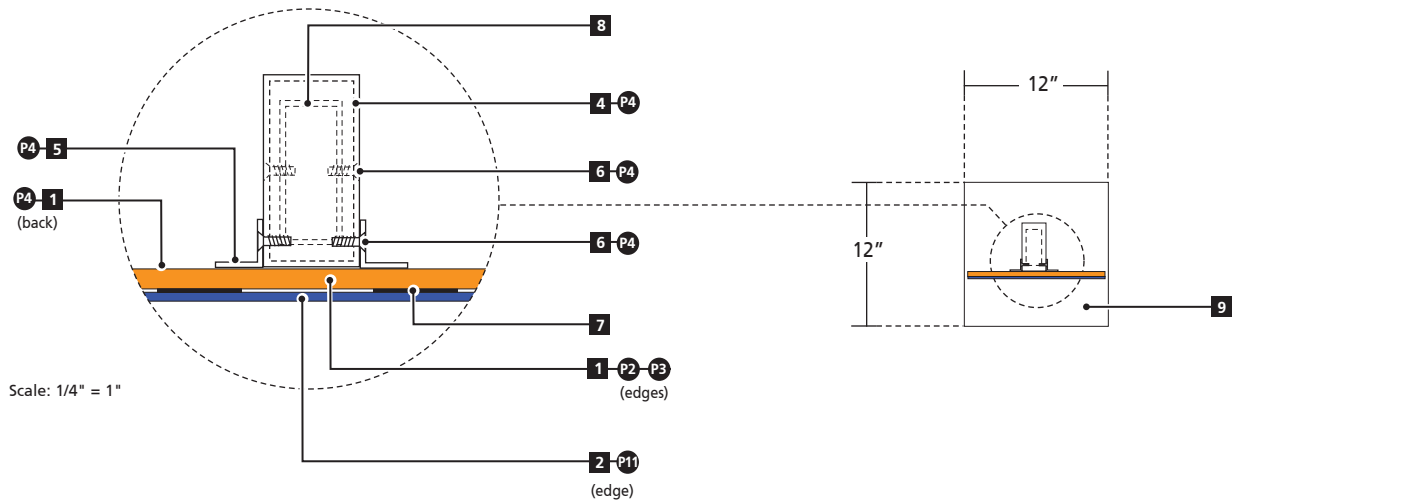
Detail 2



Detail 3



SCALE: 1/4" = 1"



Sign Type R3.00 - Accessible Parking Identification Sign

Painted aluminum plate sign panel with applied vinyl graphics and welded aluminum mounting brackets, mounted to a rectangular aluminum tube post with welded/capped top.

DETAIL / SPECIFICATION KEY

- 1/4" thick painted aluminum back plate.
- 1/8" thick painted aluminum sign face.
- Applied vinyl graphics.
- 2" x 4" rectangular aluminum tube post with welded/capped top.
- 1" x 1" x 8 1/4" alumium angle mounting bracket welded to sign panel.
- Non-corrosive flathead countersunk allen screws.
- Appropriate 3M VHB tape and silicone adhesive.
- 1 1/2" x 3" rectangular aluminum tube vertical support *
- Poured-in-place concrete base/footing *

COLOR / FINISH SPECIFICATIONS

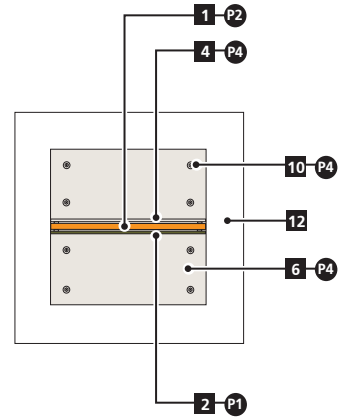
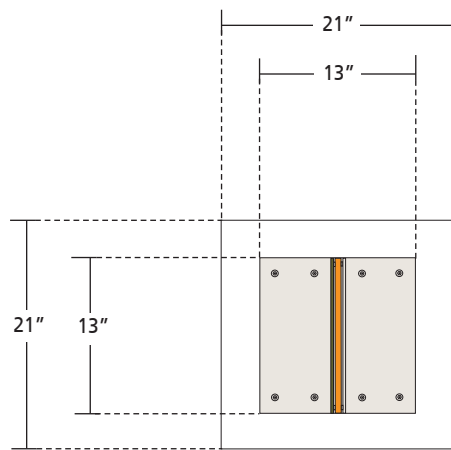
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- P11 Painted to match Matthews MP00359 (Belize Blue)
- V1 3M Scotchlcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)

NOTES

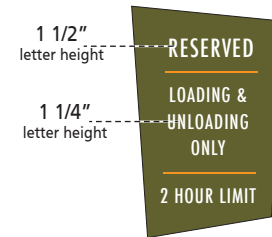
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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed and AIGA Symbols.

SUBMITTALS

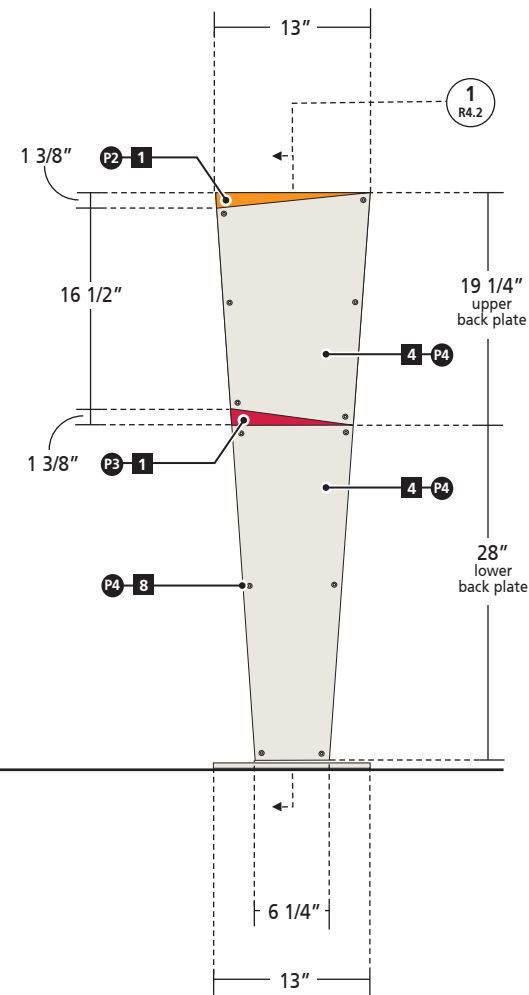
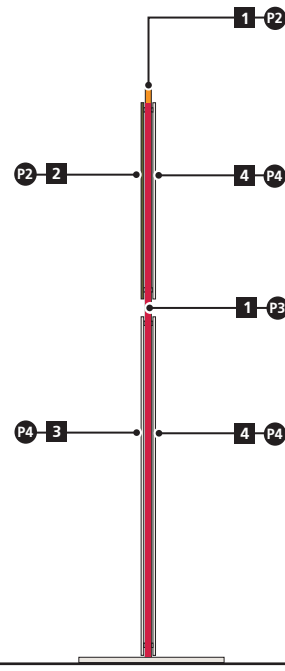
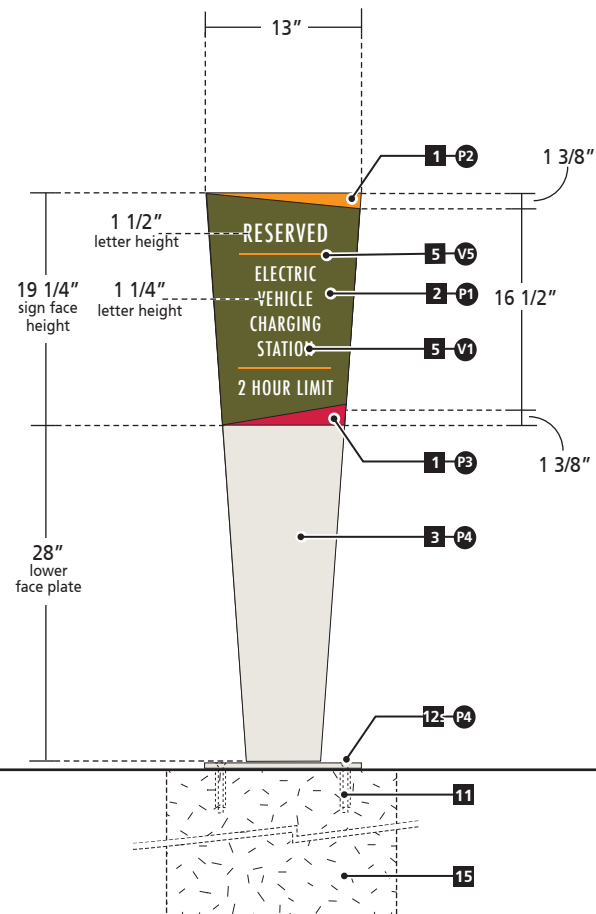
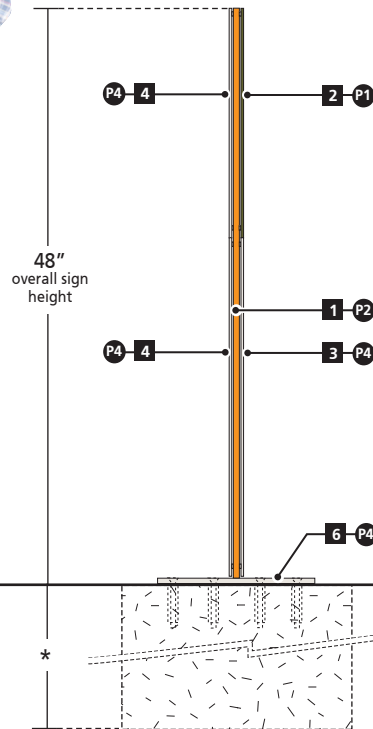
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Alternate Message



SCALE: 3/4" = 1'-0"



Sign Type R4.00 - Reserved Parking Identification Sign

One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

- 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- Applied vinyl graphics.
- 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- Appropriate flathead, countersunk, sign face attachment screw.
- Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- Appropriate drop-in Hilti® anchor. *
- Appropriate flathead, countersunk, hex-pin screw.
- Concealed, continuous Butt-joint weld between base and pylon.
- Concealed aluminum plate shim as needed to ensure level installation.
- Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type R4.00 - Reserved Parking Identification Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

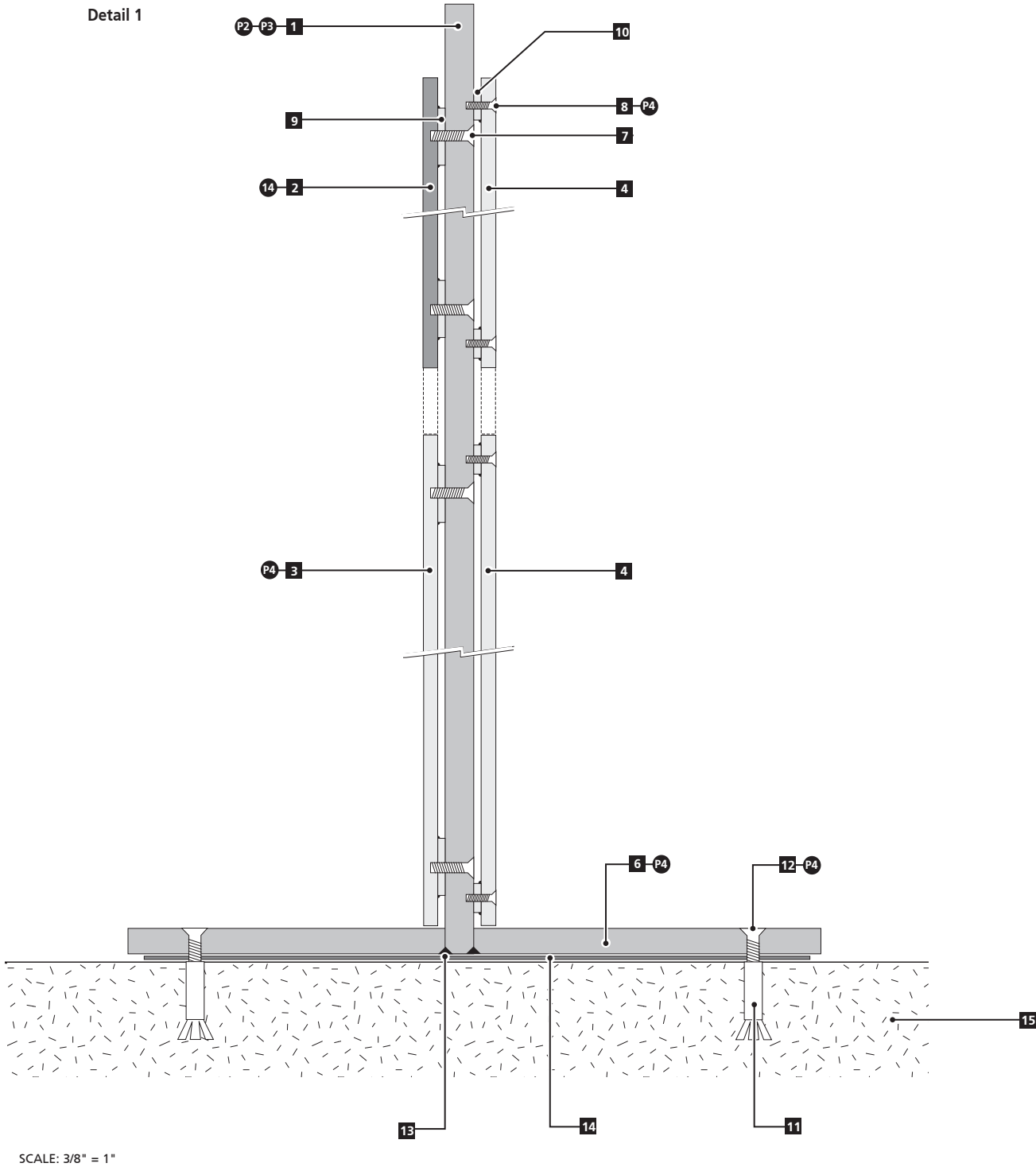
- 1 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 2 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 3 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 4 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 5 Applied vinyl graphics.
- 6 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- 7 Appropriate flathead, countersunk, sign face attachment screw.
- 8 Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 9 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 10 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- 11 Appropriate drop-in Hilti® anchor. *
- 12 Appropriate flathead, countersunk, hex-pin screw.
- 13 Concealed, continuous Butt-joint weld between base and pylon.
- 14 Concealed aluminum plate shim as needed to ensure level installation.
- 15 Poured-in-place concrete base / footing. *

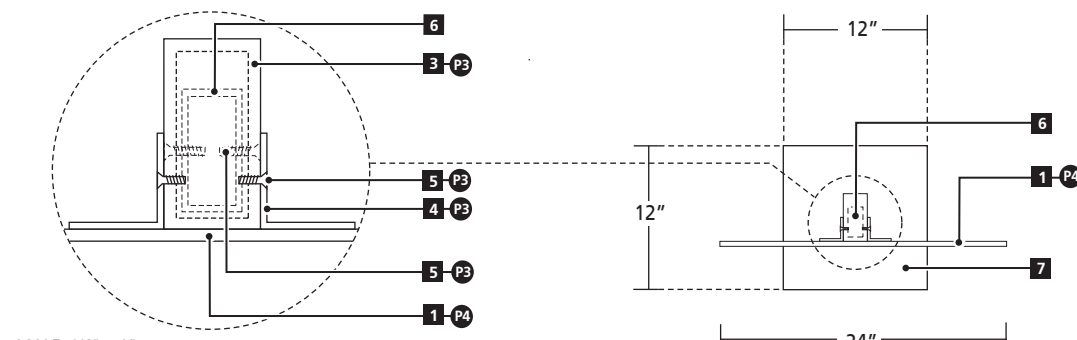
COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)

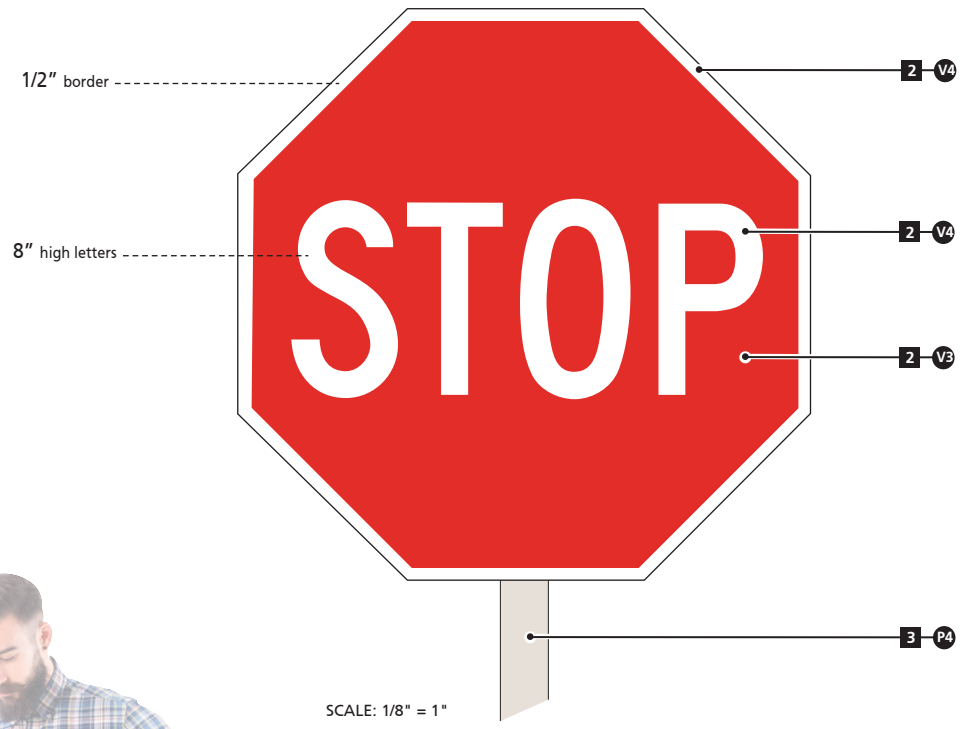
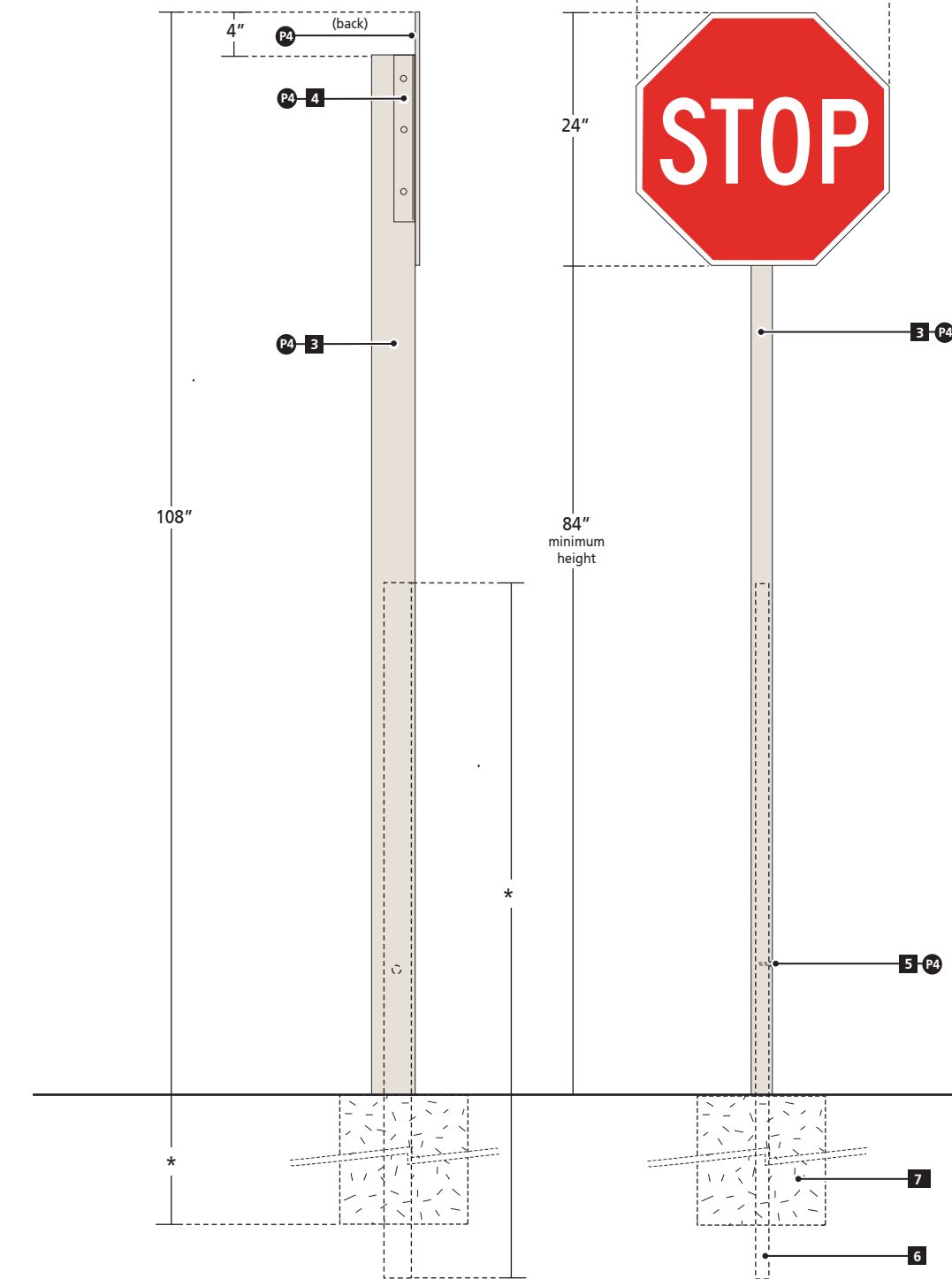
- ◆ NOTES
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 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium Condensed.

- SUBMITTALS
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.





SCALE: 1/4" = 1"



Sign Type R5.00 - Traffic Regulatory / Stop Sign

Painted aluminum plate sign panel with applied vinyl graphics and welded aluminum mounting brackets, mounted to a rectangular aluminum tube post with welded/capped top.

DETAIL / SPECIFICATION KEY

- 1 1/4" thick painted aluminum plate sign face.
- 2 Applied vinyl graphics.
- 3 2" x 4"x 1/4" square aluminum tube post with welded/capped top.
- 4 2" x 2" x 16" alumium angle mounting bracket welded to sign panel.
- 5 Non-corrosive flathead countersunk allan screws.
- 6 1 1/4" x 2 1/2" x 1/8" aluminum tube vertical support *
- 7 Poured-in-place concrete base/footing *

COLOR / FINISH SPECIFICATIONS

- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V3 3M Scotchlite Reflective 5100-82 (Ruby Red)
- V4 3M Scotchlite Reflective 5100-10 (White)

NOTES

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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



48" overall sign height

P4 4

2 P1

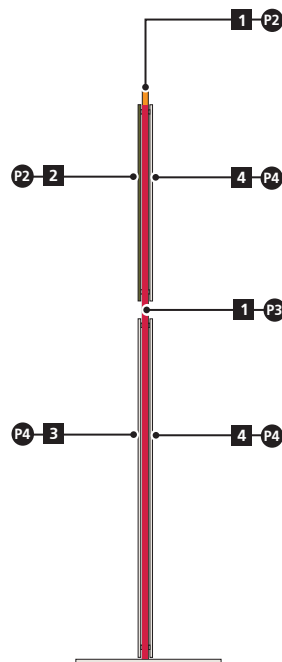
1 P2

3 P4

P4 4

6 P4

*



- 1** 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 2** 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 3** 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 4** 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 5** Applied vinyl graphics.
- 6** 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- 7** Appropriate flathead, countersunk, sign face attachment screw.
- 8** Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 9** 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 10** 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- 11** Appropriate drop-in Hilti® anchor. *
- 12** Appropriate flathead, countersunk, hex-pin screw.
- 13** Concealed, continuous Butt-joint weld between base and pylon.
- 14** Concealed aluminum plate shim as needed to ensure level installation.
- 15** Poured-in-place concrete base / footing. *

- P1** Painted to match Matthews MP15975 (Marinated Olive)
- P2** Painted to match Matthews MP10190 (Highway Yellow)
- P3** Painted to match Matthews MP10256 (Esprit Red)
- P4** Painted to match Matthews MP02650 (Garbo Silver)
- V1** 3M Scotchcal Opaque 7725-20 (Matte White)
- V2** 3M Scotchlite Reflective 5100-75 (Blue)
- V4** 3M Scotchlite Reflective 5100-10 (White)
- V5** 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)

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- Typeface: Futura Bold Condensed.

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- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type R6.00 - Passenger Drop-off Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

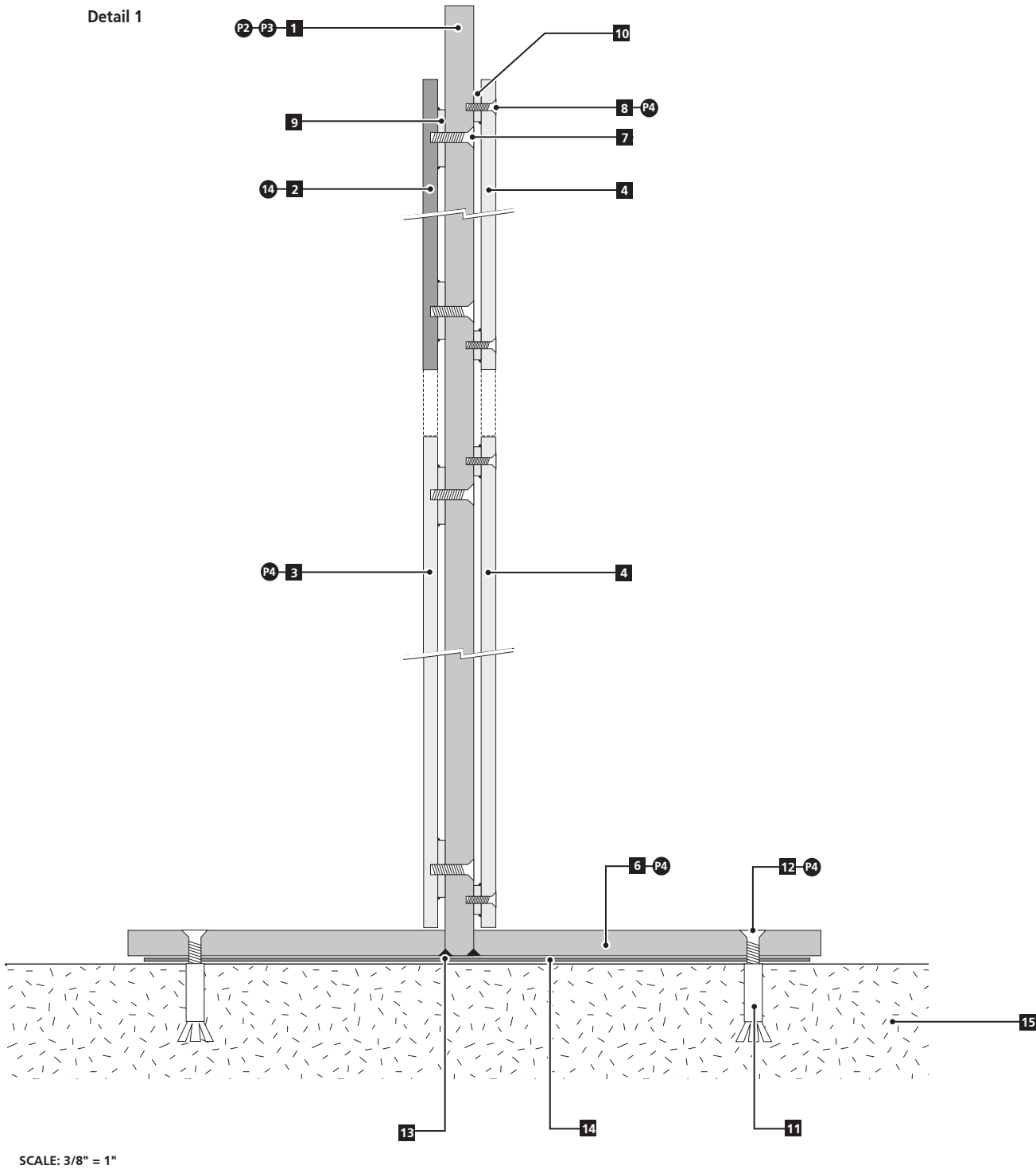
- 1 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 2 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 3 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 4 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 5 Applied vinyl graphics.
- 6 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- 7 Appropriate flathead, countersunk, sign face attachment screw.
- 8 Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 9 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 10 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- 11 Appropriate drop-in Hilti® anchor. *
- 12 Appropriate flathead, countersunk, hex-pin screw.
- 13 Concealed, continuous Butt-joint weld between base and pylon.
- 14 Concealed aluminum plate shim as needed to ensure level installation.
- 15 Poured-in-place concrete base / footing. *

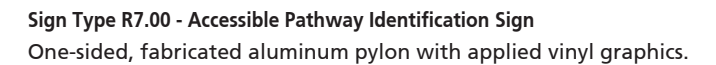
COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchlcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)

- ◆ NOTES
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 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Bold Condensed.

- SUBMITTALS
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.





- 1** 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 2** 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 3** 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 4** 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 5** Applied vinyl graphics.
- 6** 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- 7** Appropriate flathead, countersunk, sign face attachment screw.
- 8** Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 9** 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 10** 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- 11** Appropriate drop-in Hilti® anchor. *
- 12** Appropriate flathead, countersunk, hex-pin screw.
- 13** Concealed, continuous Butt-joint weld between base and pylon.
- 14** Concealed aluminum plate shim as needed to ensure level installation.
- 15** Poured-in-place concrete base / footing. *

- P1** Painted to match Matthews MP15975 (Marinated Olive)
- P2** Painted to match Matthews MP10190 (Highway Yellow)
- P3** Painted to match Matthews MP10256 (Esprit Red)
- P4** Painted to match Matthews MP02650 (Garbo Silver)
- V1** 3M Scotchcal Opaque 7725-20 (Matte White)
- V2** 3M Scotchlite Reflective 5100-75 (Blue)
- V4** 3M Scotchlite Reflective 5100-10 (White)
- V5** 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6** 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)

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- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

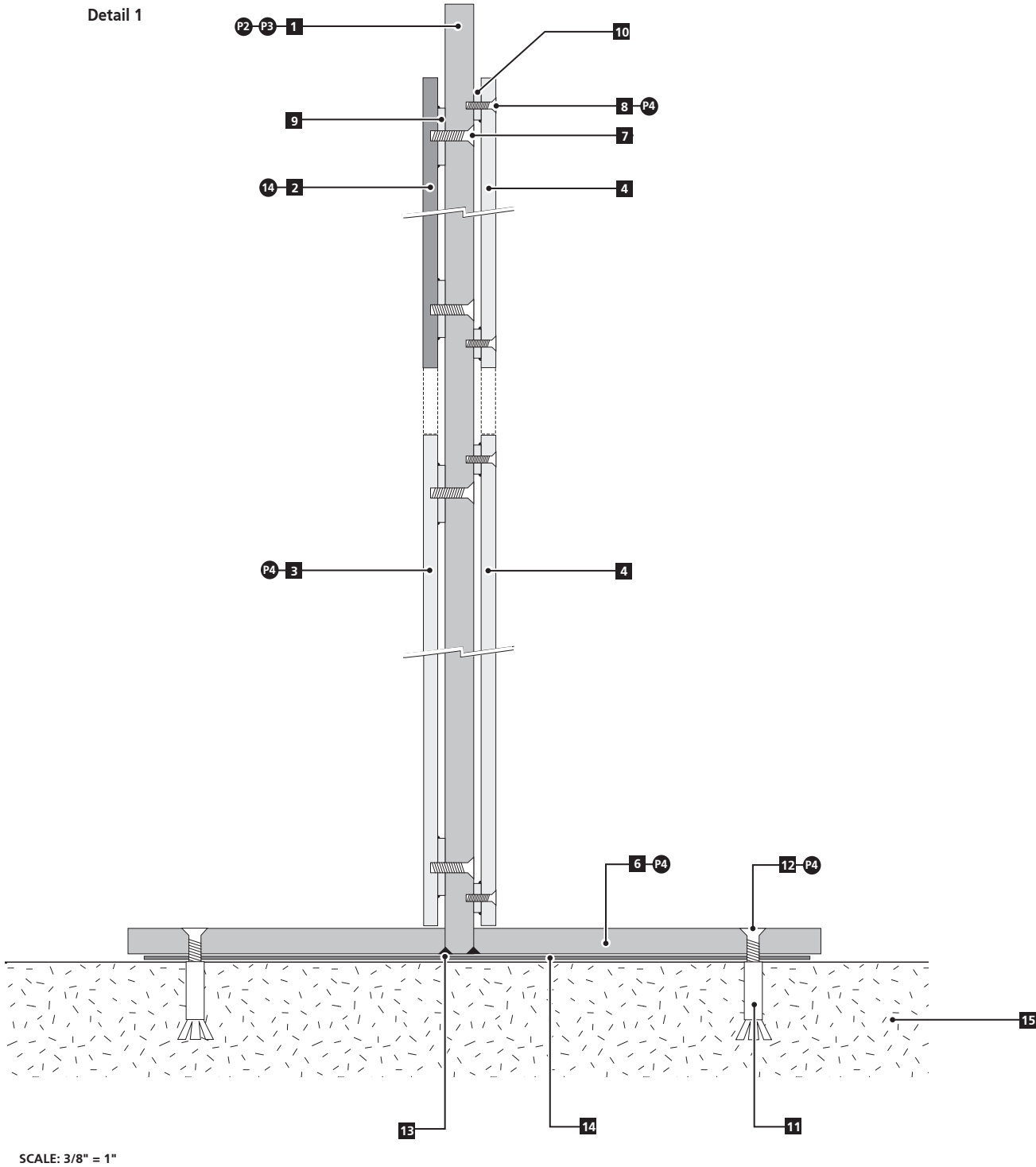
Sign Type R7.00 - Accessible Pathway Identification Sign
One-sided, fabricated aluminum pylon with applied vinyl graphics.

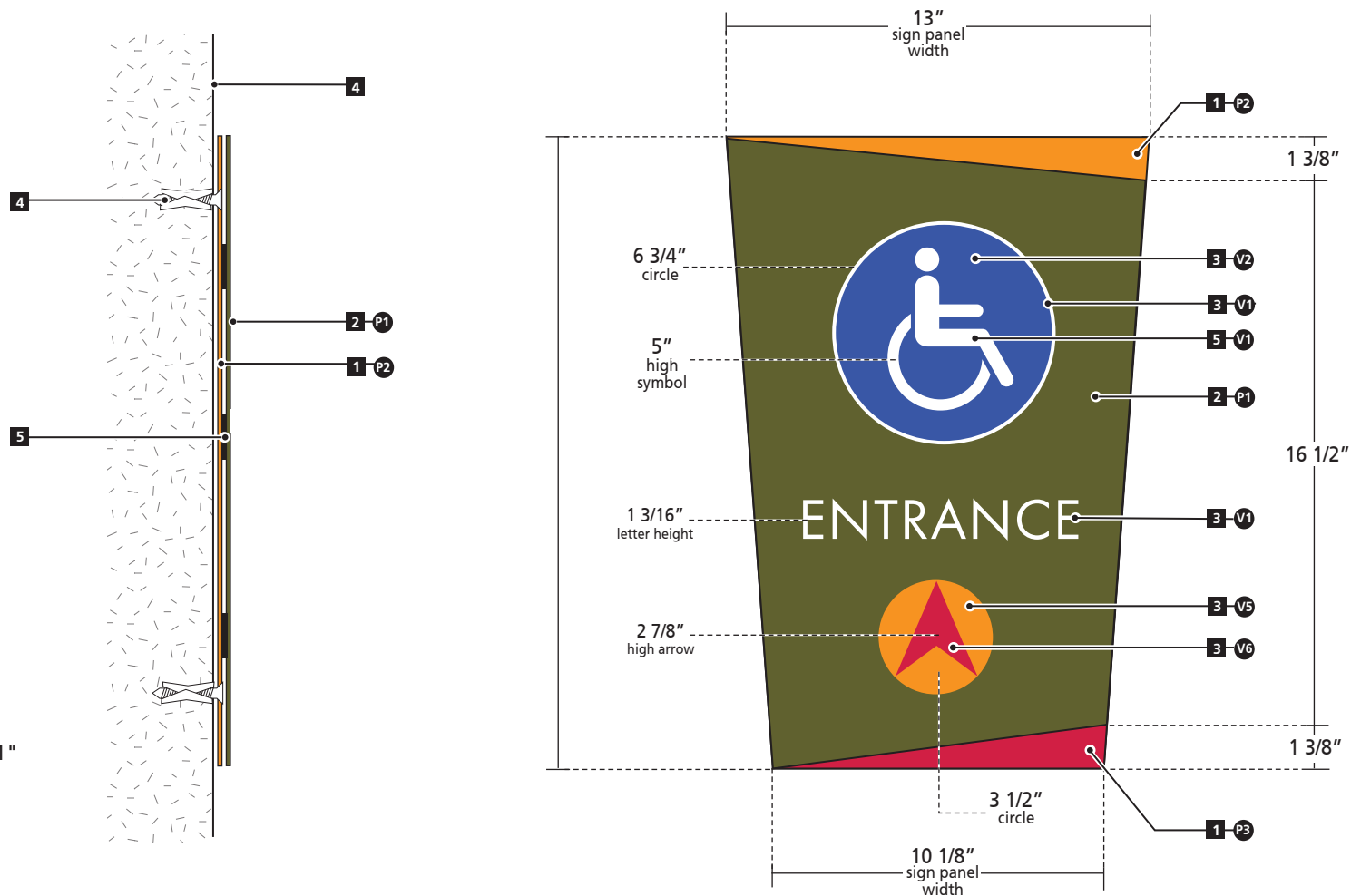
DETAIL / SPECIFICATION KEY

- 1 1/2" thick welded and painted aluminum plate pylon with seamless appearance.
- 2 1/4" thick painted aluminum plate sign face drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 3 1/4" thick painted aluminum lower face plate drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 4 1/4" thick painted aluminum upper and lower back plates drilled and tapped to accept non-corrosive counter sunk screw attachment.
- 5 Applied vinyl graphics.
- 6 1/2" thick welded and painted aluminum plate sign base plate with seamless appearance.
- 7 Appropriate flathead, countersunk, sign face attachment screw.
- 8 Appropriate flathead, countersunk, back plate attachment hex-pin screw.
- 9 1/8" thick x 1" diameter aluminum spacer welded to sign face back.
- 10 1/8" thick x 1/2" diameter aluminum spacer welded to back plate back.
- 11 Appropriate drop-in Hilti® anchor. *
- 12 Appropriate flathead, countersunk, hex-pin screw.
- 13 Concealed, continuous Butt-joint weld between base and pylon.
- 14 Concealed aluminum plate shim as needed to ensure level installation.
- 15 Poured-in-place concrete base / footing. *

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V4 3M Scotchlite Reflective 5100-10 (White)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)

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 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium
- SUBMITTALS
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.

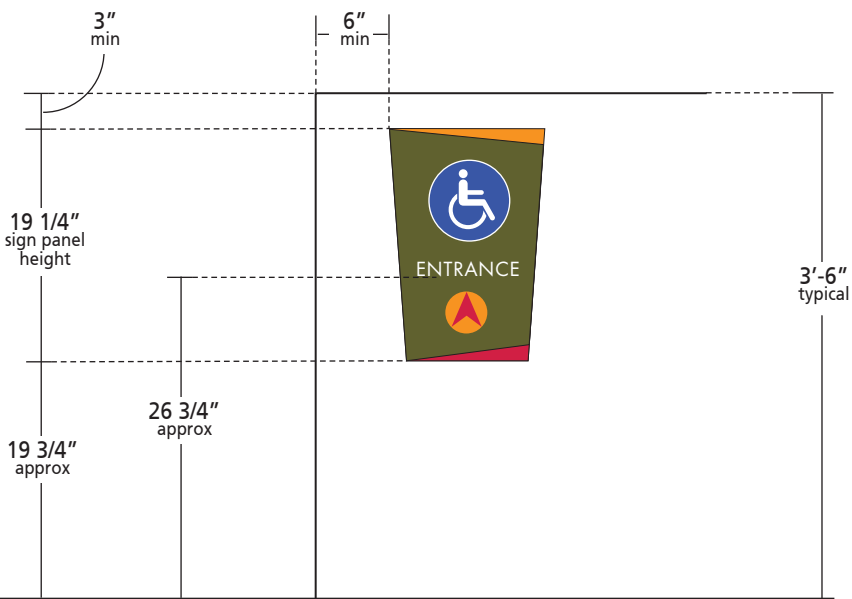




SCALE: 3/16" = 1"



SCALE: 3/4" = 1'-0"



Alternate Layout



Sign Type R8.00 - Accessible Pathway Identification Sign / Wall Mount
Aluminum plate sign panel with painted finish and applied vinyl graphics mounted to concrete wall surface.

DETAIL / SPECIFICATION KEY

- 1/4" thick painted aluminum plate sign back plate with eased edges and painted finish.
- 3/16" thick painted aluminum plate sign face with eased edges and painted finish.
- Applied vinyl graphics.
- Appropriate non-corrosive flathead, countersunk mounting screw with appropriate wall anchor.
- Appropriate 3M VHB tape, and silicone adhesive.
- Concrete wall surface.

COLOR / FINISH SPECIFICATIONS

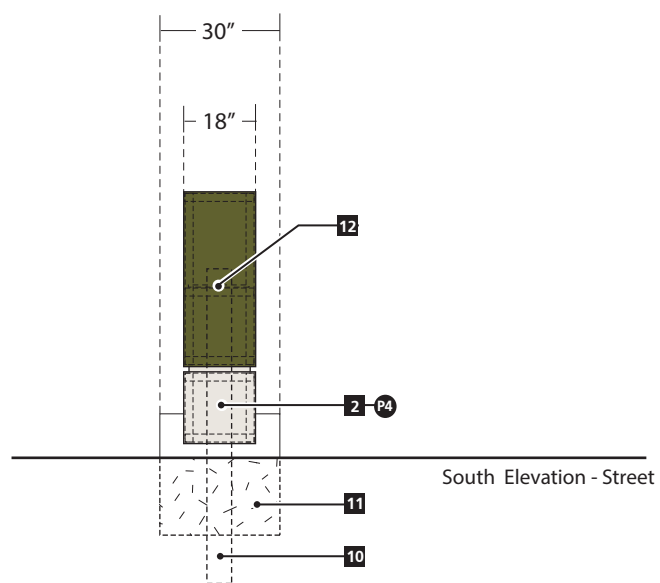
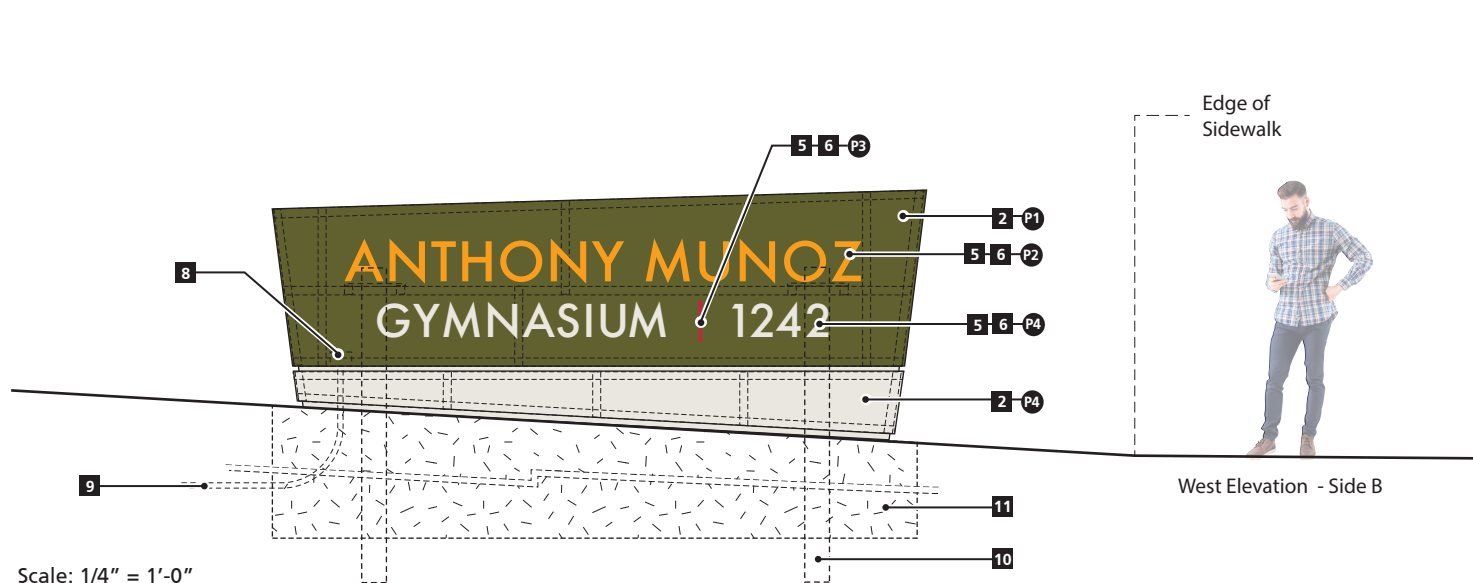
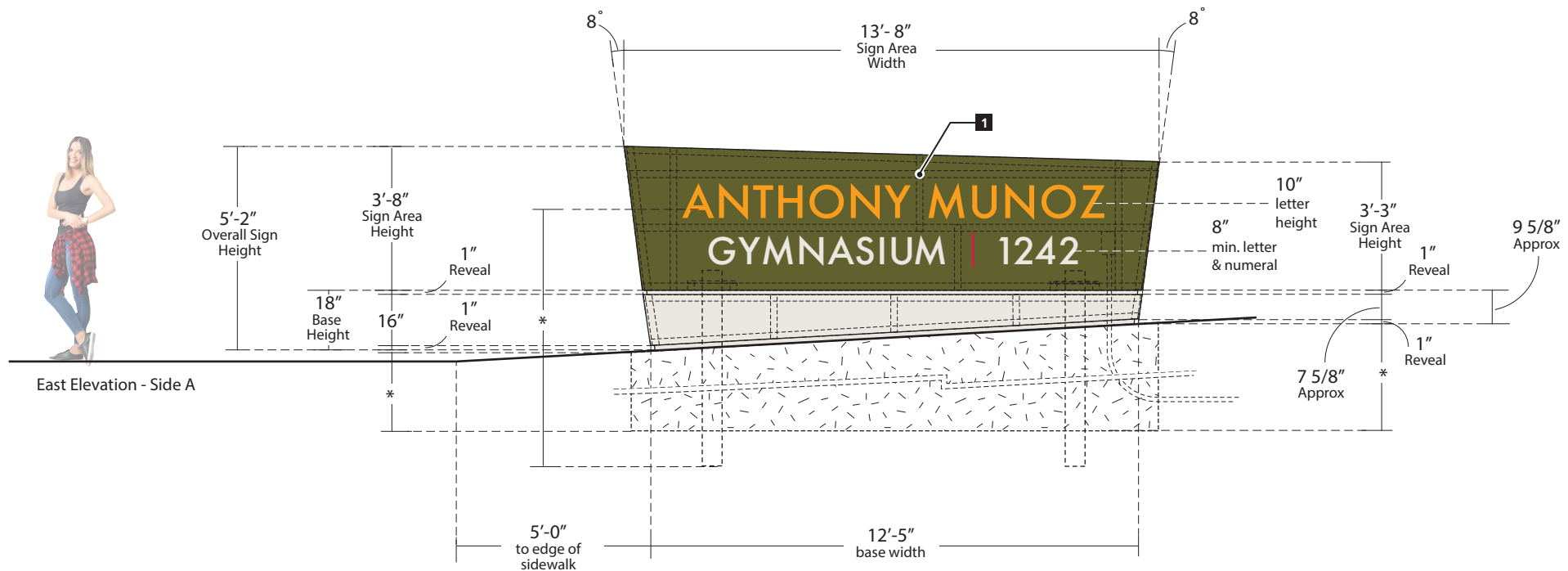
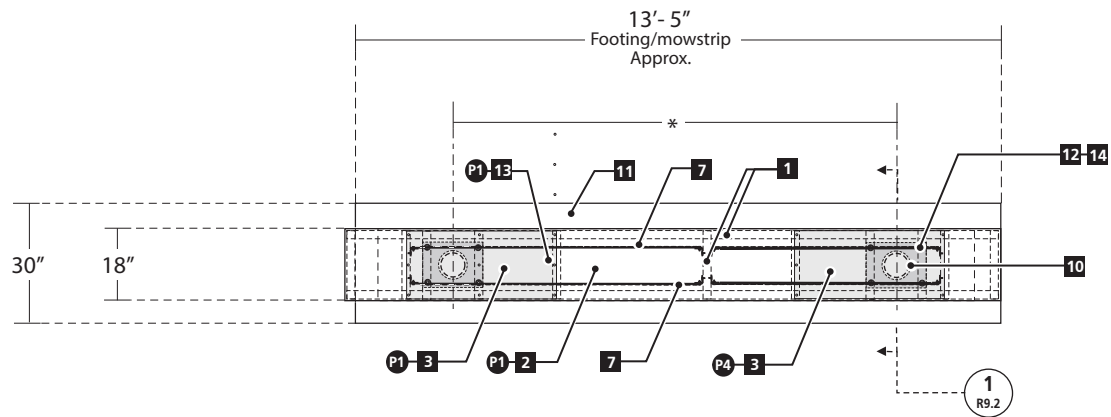
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)
- V2 3M Scotchlite Reflective 5100-75 (Blue)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign Type R9.01 - Project Identification Monument Sign

Two-sided, internally illuminated fabricated aluminum monolith with cut-out push-thru acrylic graphics and opaque aluminum plate letter faces. Sign illuminates via interior LED light fixtures that illuminate edge of letters only, creating a halo effect around each letter. Aluminum monolith rests on a poured-in-place concrete base with mow strip.

DETAIL / SPECIFICATION KEY

- 2"x2" square welded aluminum tube frame.
- 1/8" thick aluminum plate cladding adhered to frame via ASI Maximum Performance structural adhesive #MP553, with painted finish and seamless appearance.
- 1/8" thick aluminum plate access panel with painted finish, fastened to frame via non-corrosive, countersunk, flat-head screws.
- 1"x1" square welded aluminum tube reveal.
- 1" thick waterjet-cut and machined, transparent acrylic push-thru letters with sandblasted retuns, laminated to a 1/4" thick translucent acrylic backer.
- 1/16" thick match-cut aluminum plate letters with painted finish, bonded to acrylic letter faces via appropriate adhesive.
- Appropriate White (4500K) LED modules and carrier board as needed.
- Appropriate power supply(s) as needed. Quantity and location of power supplies to be confirmed by Signage Contractor prior to fabrication.
- Primary electrical access by owner. Location of primary electrical connection to be confirmed by Signage Contractor prior to fabrication.
- 6" diameter round steel post vertical support.
- Concrete footing / base to match profile indicated, and as specified by a California licensed engineer. * Concrete color and finish to match project standard.
- 1/2" thick welded and painted aluminum collar plate with galvanic corrosion barrier. to accept steel post support.
- Appropriate flathead, countersunk, access panel attachment screw.
- Appropriate stainless steel mounting bolt, nut, and washer
- 2" x 2" x 1/8" aluminum angle carrier board mounting bracket
- Appropriate non-corrosive, self-tapping carrier board mounting bracket attachment screw.
- Appropriate non-corrosive carrier board mounting bolt, nut, and washer

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)

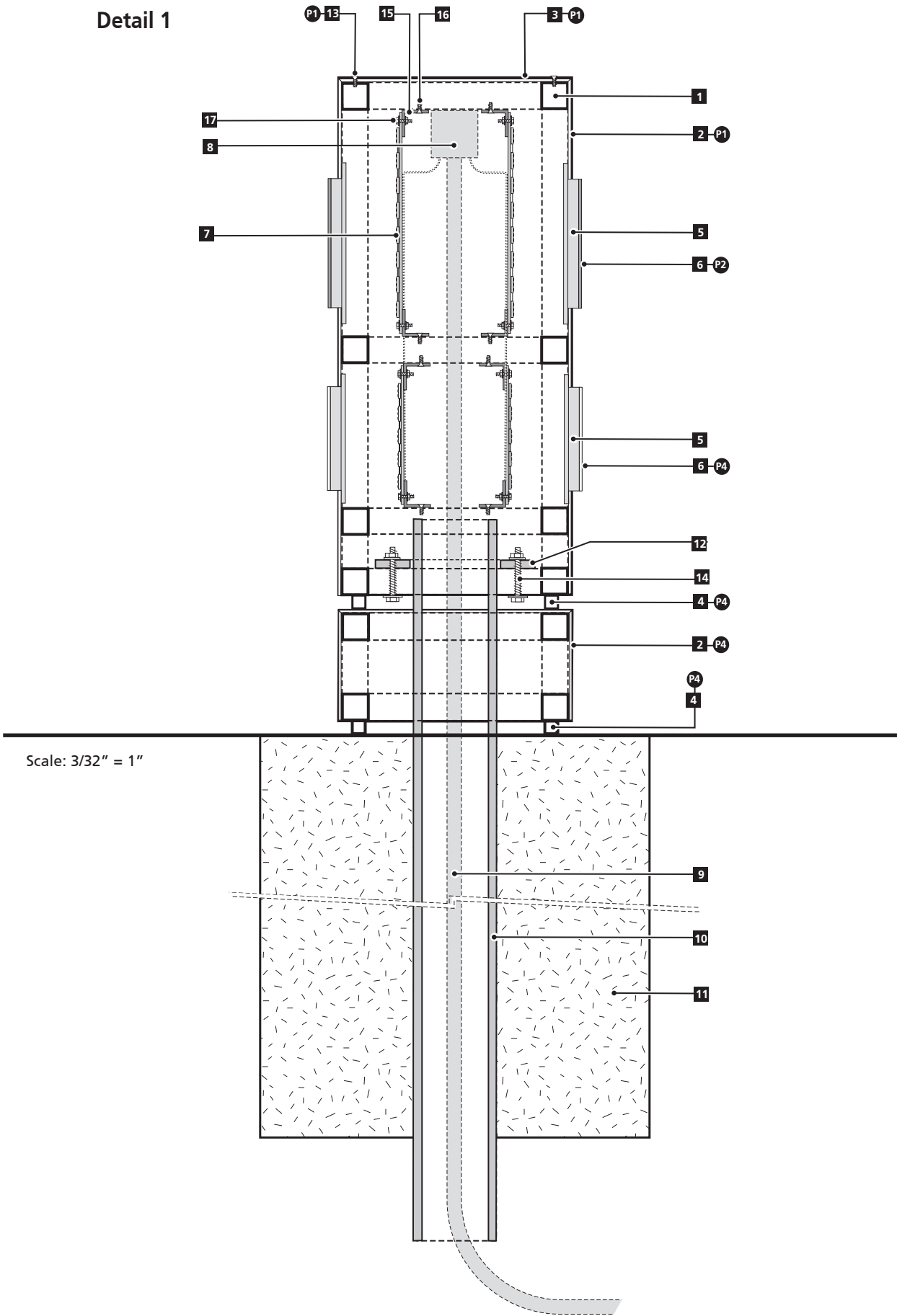
NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Detail 1



Sign Type R9.01 - Project Identification Monument Sign
Two-sided, internally illuminated fabricated aluminum monolith with cut-out push-thru acrylic graphics and opaque aluminum plate letter faces. Sign illuminates via interior LED light fixtures that illuminate edge of letters only, creating a halo effect around each letter. Aluminum monolith rests on a poured-in-place concrete base with mow strip.

DETAIL / SPECIFICATION KEY

- 1** 2"x 2" square welded aluminum tube frame.
- 2** 1/8" thick aluminum plate cladding adhered to frame via ASI Maximum Performance structural adhesive #MP553, with painted finish and seamless appearance.
- 3** 1/8" thick aluminum plate access panel with painted finish, fastened to frame via non-corrosive, countersunk, flat-head screws.
- 4** 1"x 1" square welded aluminum tube reveal.
- 5** 1" thick waterjet-cut and machined, transparent acrylic push-thru letters with sandblasted returns, laminated to a 1/4" thick translucent acrylic backer.
- 6** 1/16" thick match-cut aluminum plate letters with painted finish, bonded to acrylic letter faces via appropriate adhesive.
- 7** Appropriate White (4500K) LED modules and carrier board as needed.
- 8** Appropriate power supply(s) as needed. Quantity and location of power supplies to be confirmed by Signage Contractor prior to fabrication.
- 9** Primary electrical access by owner. Location of primary electrical connection to be confirmed by Signage Contractor prior to fabrication.
- 10** 6" diameter round steel post vertical support.
- 11** Concrete footing / base to match profile indicated, and as specified by a California licensed engineer. * Concrete color and finish to match project standard.
- 12** 1/2" thick welded and painted aluminum collar plate with galvanic corrosion barrier. to accept steel post support.
- 13** Appropriate flathead, countersunk, access panel attachment screw.
- 14** Appropriate stainless steel mounting bolt, nut, and washer
- 15** 2" x 2" x 1/8" aluminum angle carrier board mounting bracket
- 16** Appropriate non-corrosive, self-tapping carrier board mounting bracket attachment screw.
- 17** Appropriate non-corrosive carrier board mounting bolt, nut, and washer

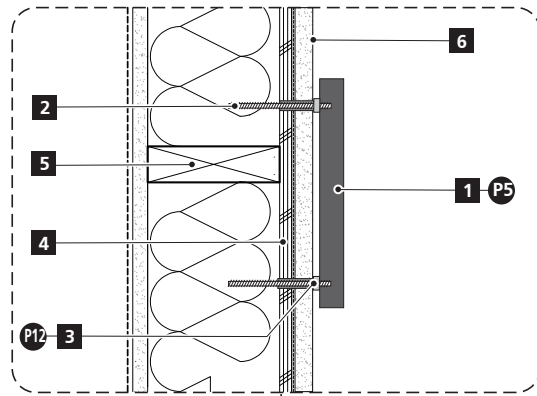
COLOR / FINISH SPECIFICATIONS

- P1** Painted to match Matthews MP15975 (Marinated Olive)
- P2** Painted to match Matthews MP10190 (Highway Yellow)
- P3** Painted to match Matthews MP10256 (Esprit Red)
- P4** Painted to match Matthews MP02650 (Garbo Silver)

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 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium

- SUBMITTALS**
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.

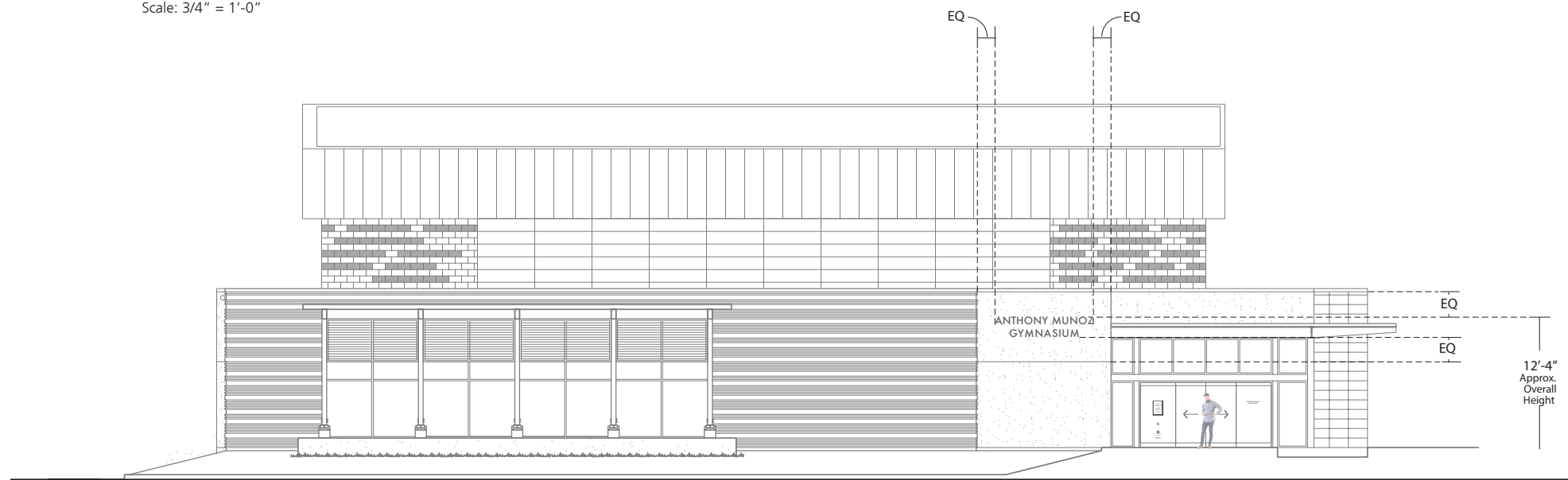
Detail 1



Scale: 1/8" = 1"



Scale: 3/4" = 1'-0"



Scale: 1/16" = 1'-0"

South Elevation

Sign Type X1.00 - Primary Project Identification Wall Sign

1" thick waterjet-cut aluminum plate letters with painted finish mounted to plaster wall surface.

Sign Height: 12'-4" top of letters to grade.

Sign Area: 21.53 square feet

124" sign area width x 25" sign area height = 21.53 square feet.

(50.0 square feet maximum allowable sign area per Ontario Development Plan).

DETAIL / SPECIFICATION KEY

- 1" thick waterjet-cut letters with painted finish.
- Appropriate non-corrosive all-thread studs and adhesive.*
- 3/8" long x 1/2" diameter aluminum spacer with painted finish.
- Existing plywood wall backing
- Existing wood wall frame.
- Exterior plaster wall surface.

COLOR / FINISH SPECIFICATIONS

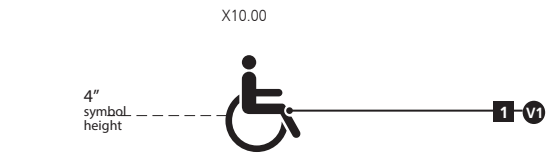
- P5 Painted to match Matthews MP10269 (Dark Slate)
- P12 Painted to match plaster wall color (70% DE 6143 - Almond Latte / 30% DE 6144 - Graham Cracker)

◆ NOTES

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- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

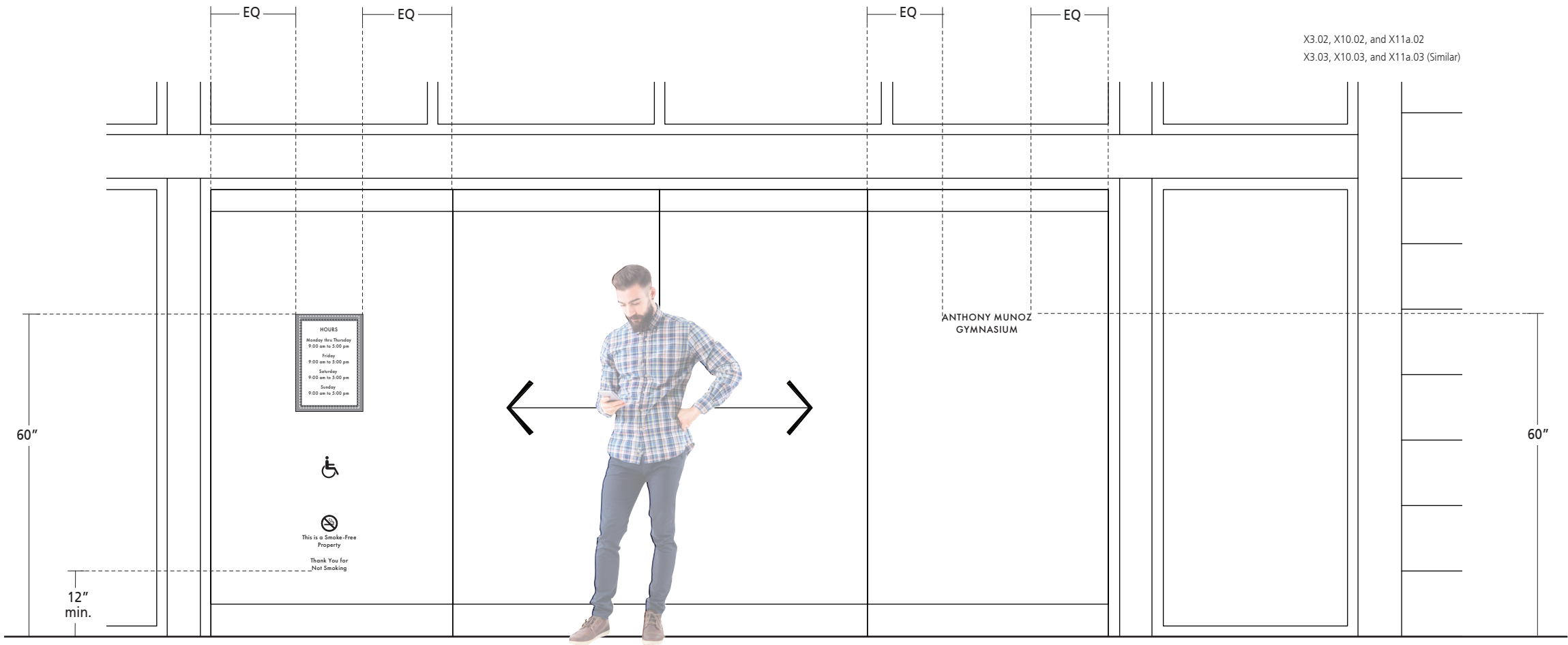
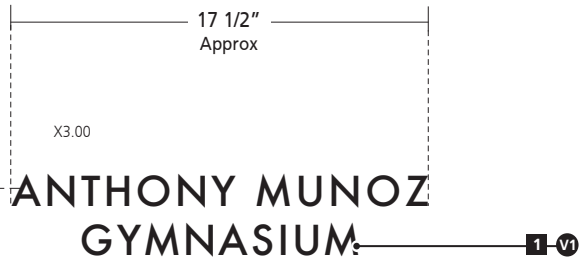
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



This is a Smoke-Free
Property

Thank You for
Not Smoking

Scale: 1/8" = 1"



Scale: 1/2" = 1'-0"

Sign Type X3.00 - Project Entry Identification Sign
Sign Type X10.00 - International Symbol of Accessibility
Sign Type X11a.00 - No Smoking Notice

White vinyl logo, letters and symbols applied first-surface to glass.

DETAIL / SPECIFICATION KEY

- 1 Vinyl graphics applied directly to exterior glass surface
- 2 Exterior entry glass.

COLOR / FINISH SPECIFICATIONS

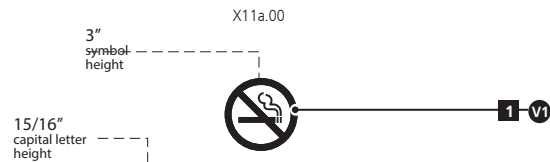
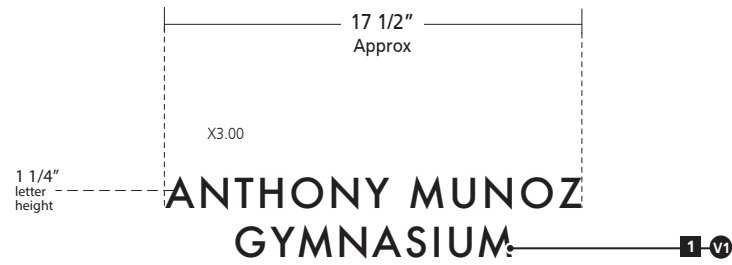
- V1 3M Scotchcal Opaque 7725-20 (Matte White)

NOTES

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- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and ALGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



This is a Smoke-Free
Property

Thank You for
Not Smoking

Scale: 1/8" = 1"

Sign Type X3.00 - Project Entry Identification Sign
Sign Type X10.00 - International Symbol of Accessibility
Sign Type X11a.00 - No Smoking Notice

White vinyl logo, letters and symbols applied first-surface to glass.

DETAIL / SPECIFICATION KEY

- 1 Vinyl graphics applied directly to exterior glass surface
- 2 Exterior entry glass.

COLOR / FINISH SPECIFICATIONS

V1 3M Scotchcal Opaque 7725-20 (Matte White)

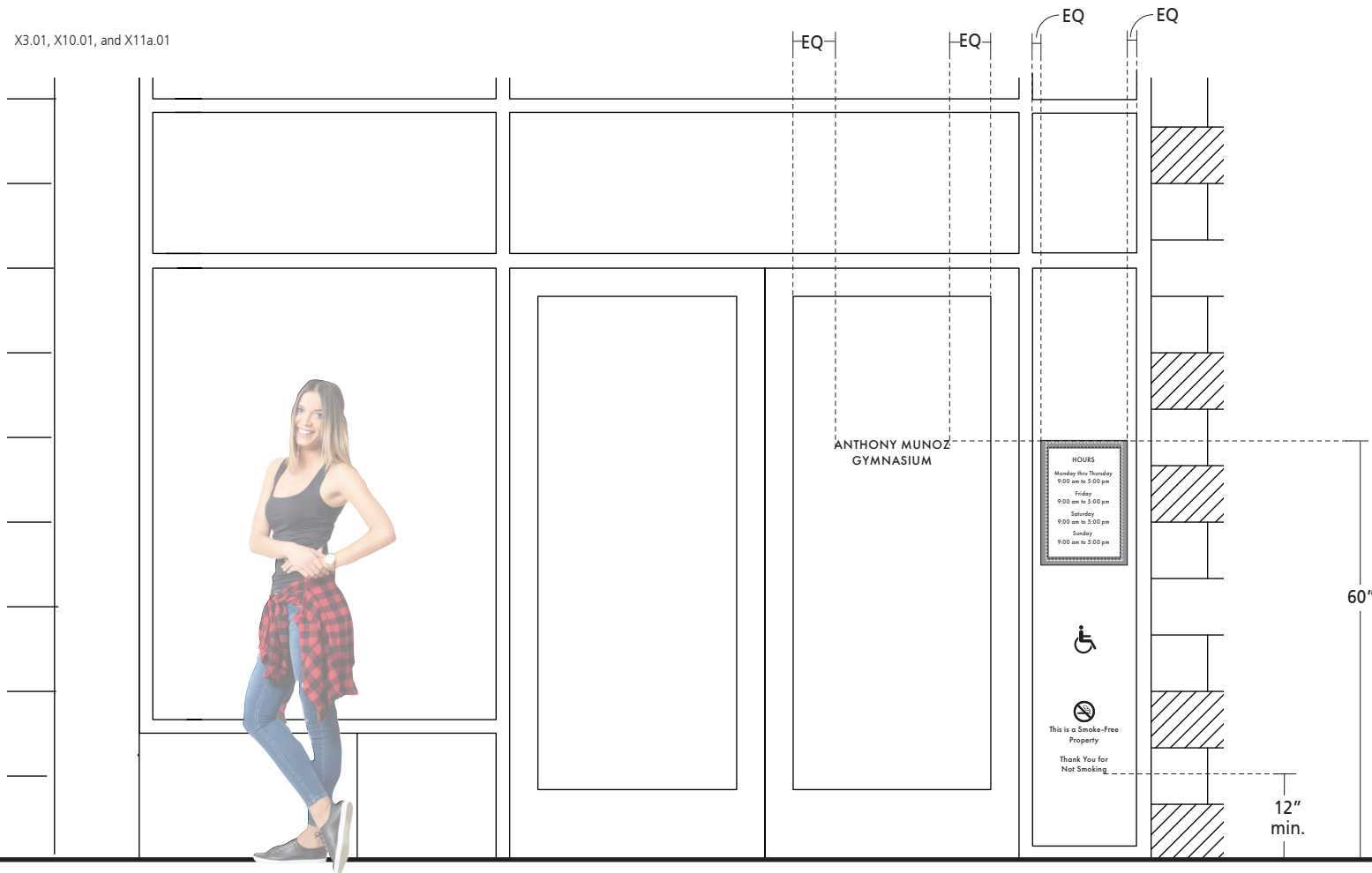
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- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

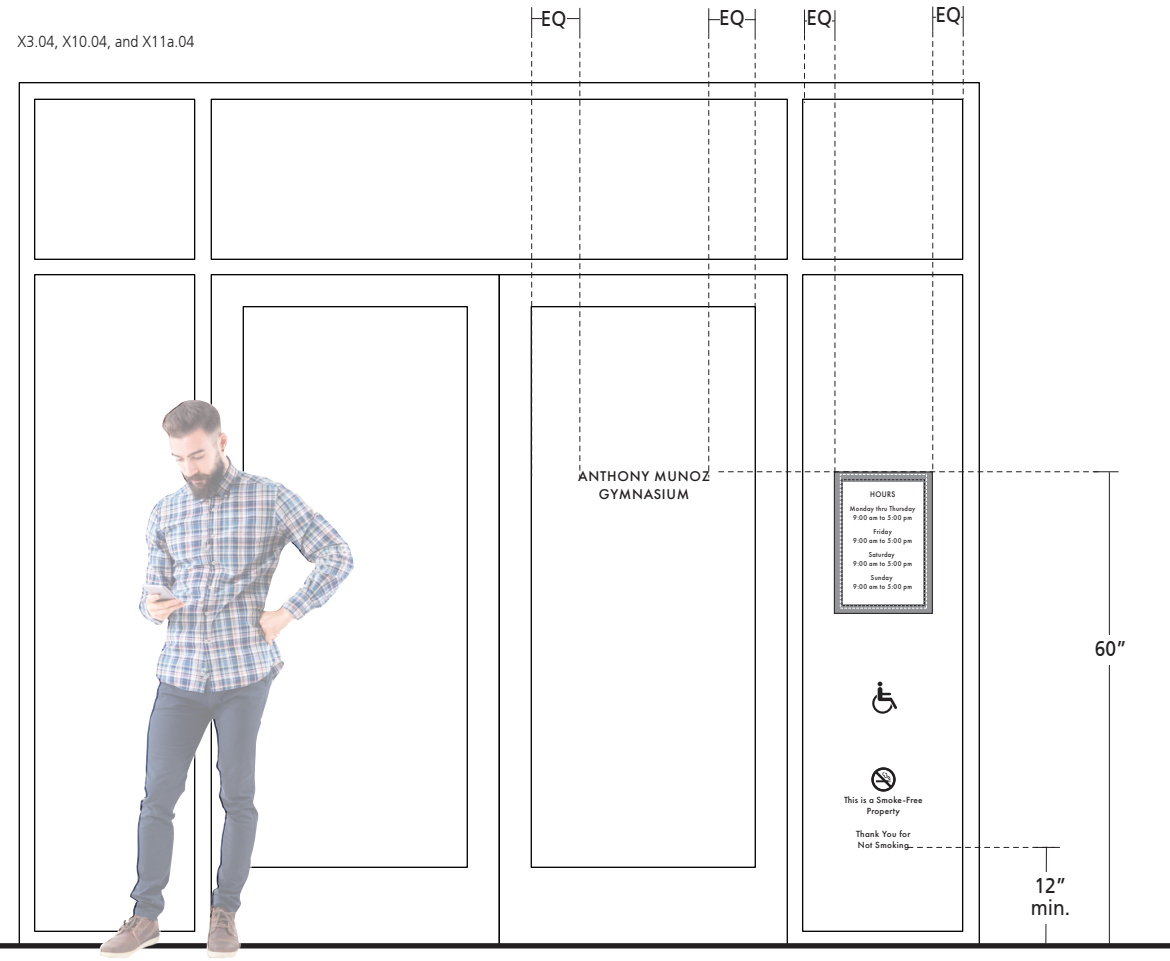
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

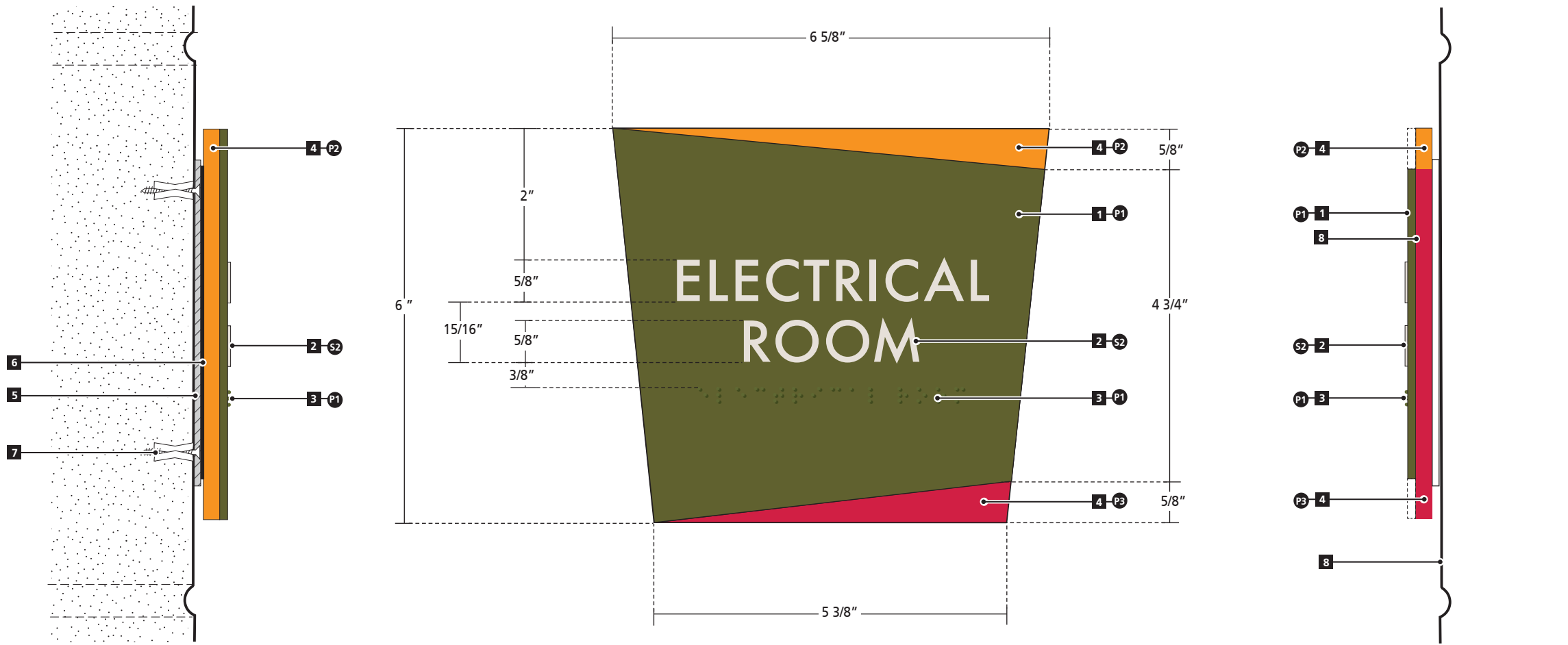
X3.01, X10.01, and X11a.01



Scale: 1/2" = 1'-0"

X3.04, X10.04, and X11a.04





Scale: 1/2" = 1"

Sign Type X5.00 - Exterior Room Identification Sign

Multi-color painted aluminum sign backer and photo-etched metal sign face with raised Braille / tactile screen print graphics.

DETAIL / SPECIFICATION KEY

- 1 .153" thick, photo-etched metal sign face with raised Braille/tactile graphics and smooth non-textured finish.
- 2 Raised, screen-printed tactile letters.
- 3 Raised Braille letters.
- 4 1/4" thick multi-color painted aluminum back plate.
- 5 1/8" thick aluminum mounting plate.
- 6 Appropriate, 3M VHB tape along all four edges, 1/2" minimum from edge
- 7 Non-corrosive counter-sunk screw and appropriate wall anchor.
- 8 Appropriate Lordes Metal Adhesive or better.
- 9 Existing wall surface

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- S2 Screen-print color to match MP02650 (Garbo Silver)

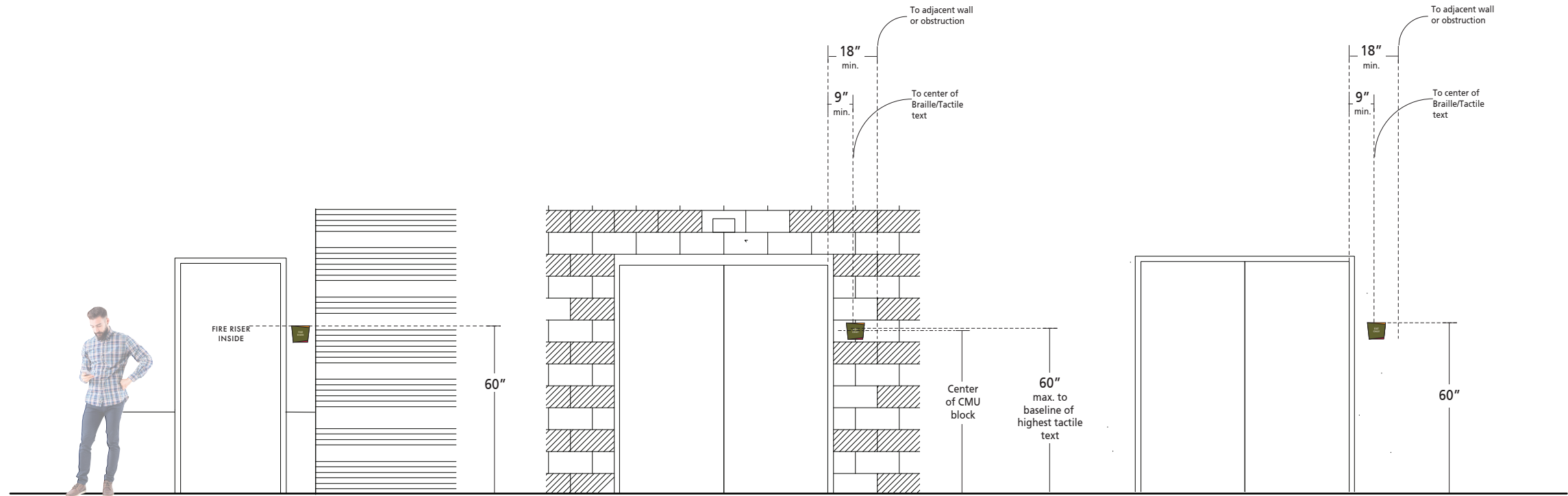
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- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium.

SUBMITTALS

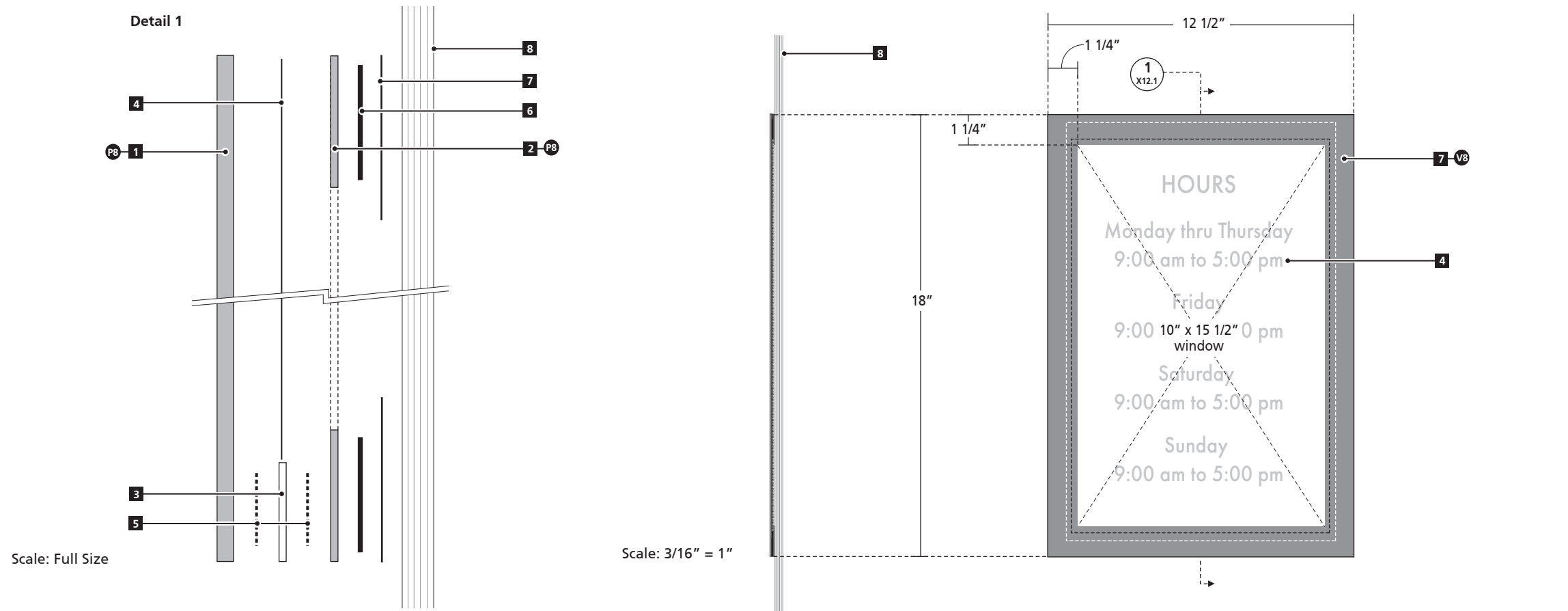
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Alternate Layouts



Scale: 1/4" = 1'-0"

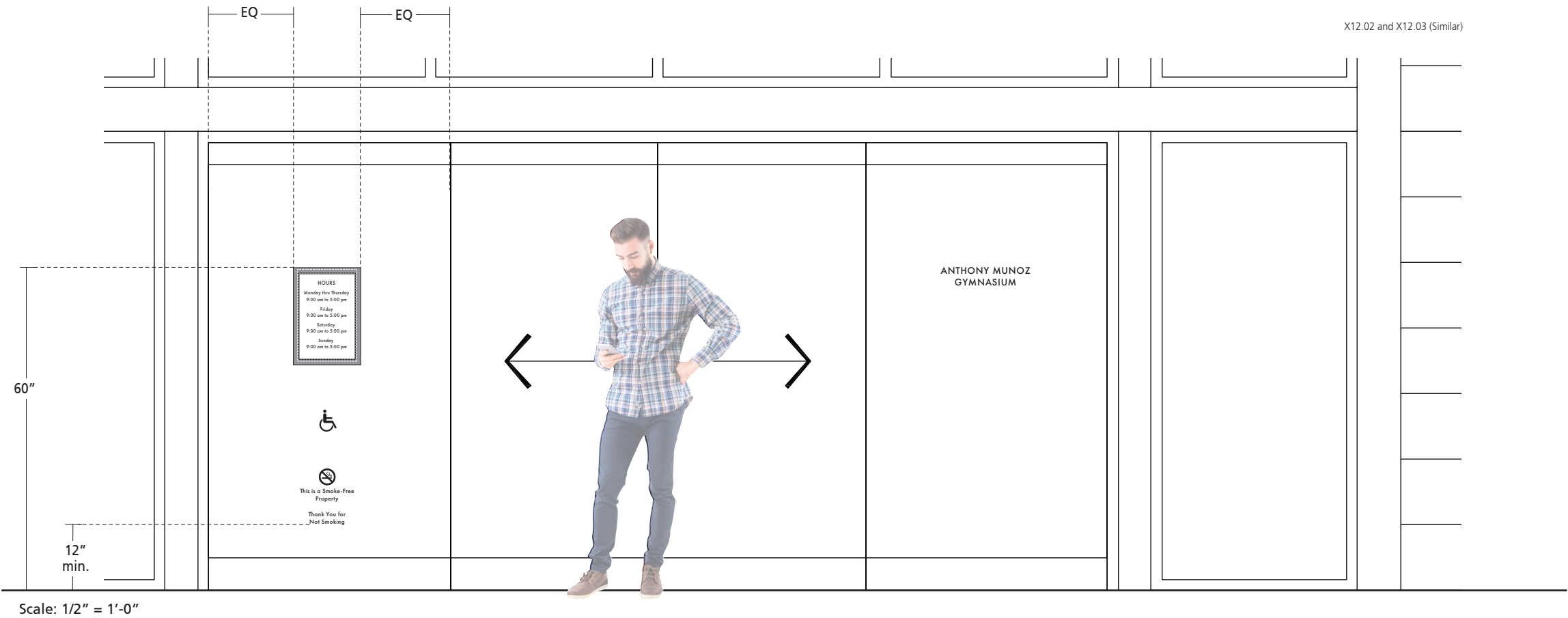
Note: Signage Contractor to field verify precise locations with GSD prior to installation



Sign Type X12.00 - Hours of Operation

Multi-layered acrylic sign panel with paper insert mounted to inside of glass.

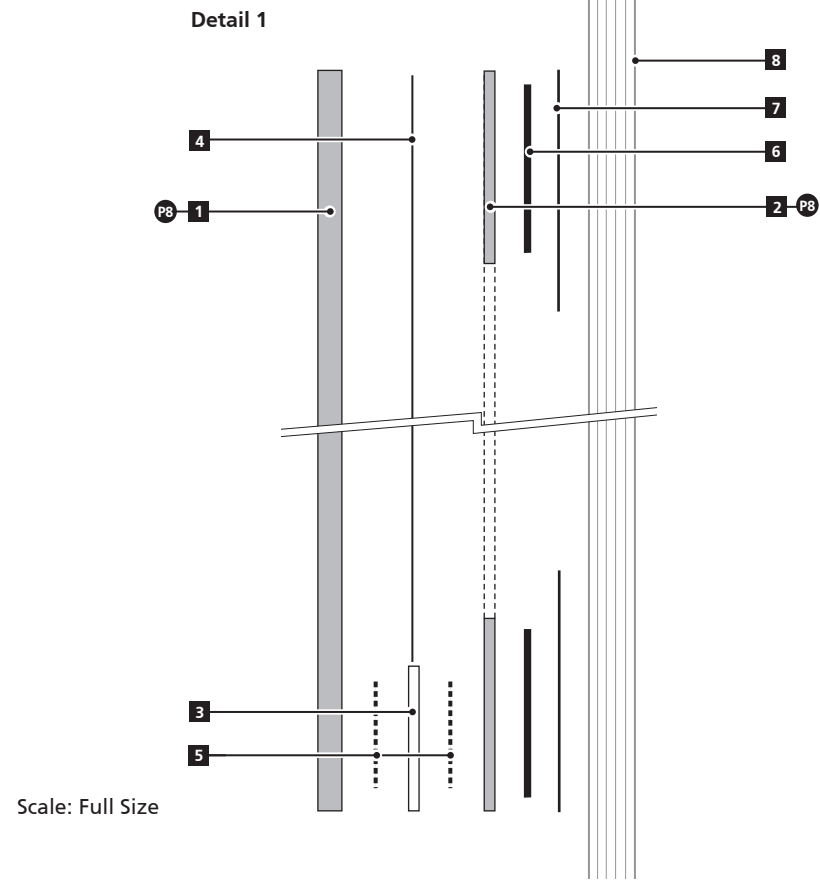
- DETAIL / SPECIFICATION KEY**
- 1 1/8" thick painted acrylic sign backer.
 - .060" thick black acrylic sign face/frame.
 - .060 acrylic separator.
 - 11" x 17" paper insert (top load).
 - 2.3 mil 3M Double Coated Tape 9500PC
 - Appropriate VHB tape adhesive at all perimeter edges.
 - 12 1/2" wide x 18" x 1 1/4" opaque vinyl border/cover-up applied to interior glass surface.
 - Exterior glass surface.
- COLOR / FINISH SPECIFICATIONS**
- P8 Painted to match Entry Glass Color (TBD)
 - V8 3M Scotchcal Opaque 7725-41 (Dark Gray)



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 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium.

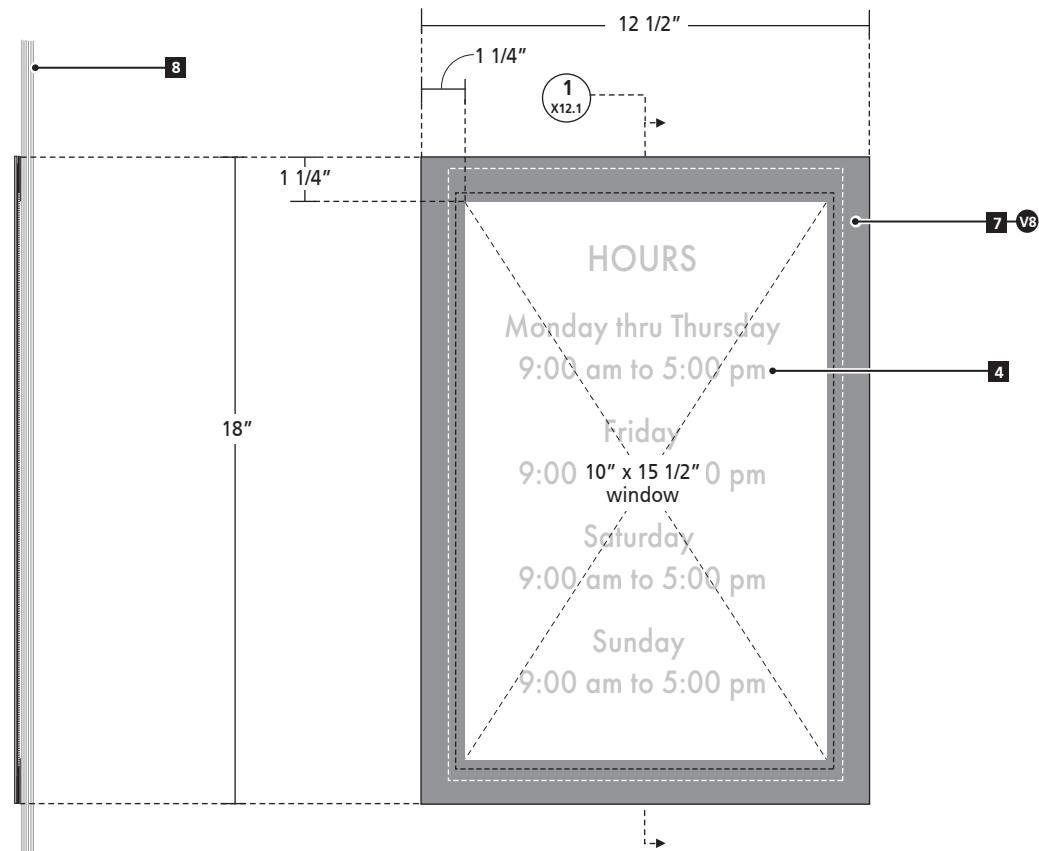
- SUBMITTALS**
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.

Note:
Signage Contractor to field verify precise location with GSD prior to fabrication



Scale: Full Size

Scale: 3/16" = 1"



Sign Type X12.00 - Hours of Operation

Multi-layered acrylic sign panel with paper insert mounted to inside of glass.

DETAIL / SPECIFICATION KEY

- 1 1/8" thick painted acrylic sign backer.
- 2 .060" thick black acrylic sign face/frame.
- 3 .060 acrylic separator.
- 4 11" x 17" paper insert (top load).
- 5 2.3 mil 3M Double Coated Tape 9500PC
- 6 Appropriate VHB tape adhesive at all perimeter edges.
- 7 12 1/2" wide x 18" x 1 1/4" opaque vinyl border/cover-up applied to interior glass surface.
- 8 Exterior glass surface.

COLOR / FINISH SPECIFICATIONS

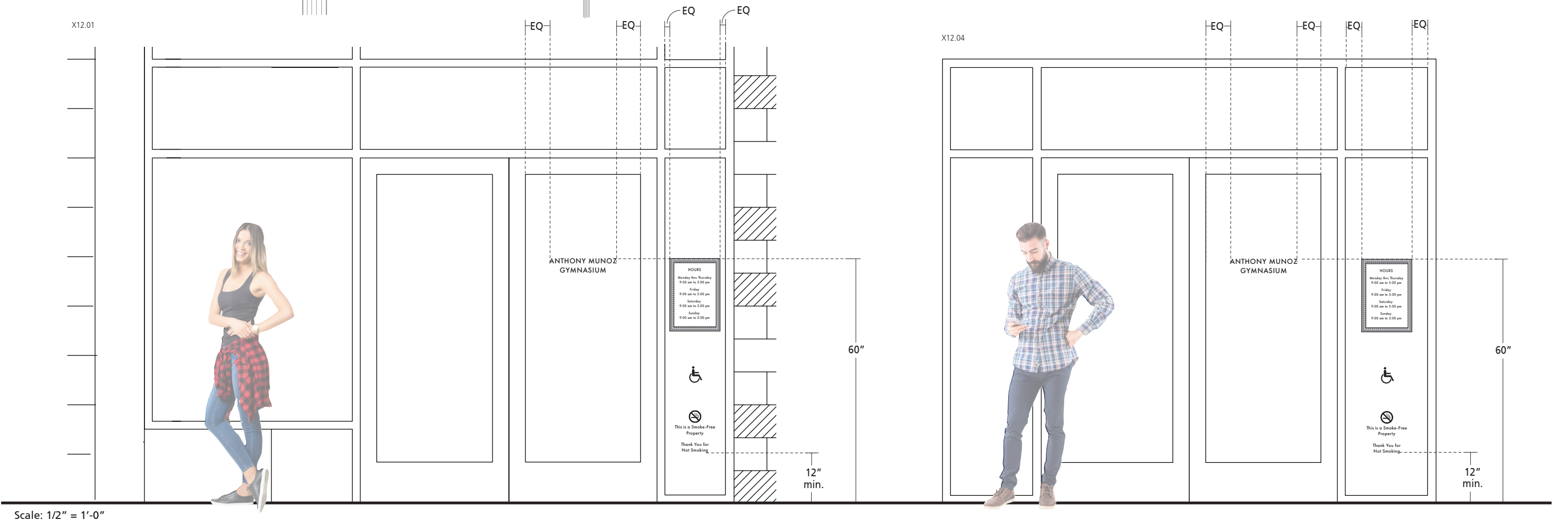
- PB Painted to match Entry Glass Color (TBD)
- V8 3M Scotchcal Opaque 7725-41 (Dark Gray)

NOTES

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- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium.

SUBMITTALS

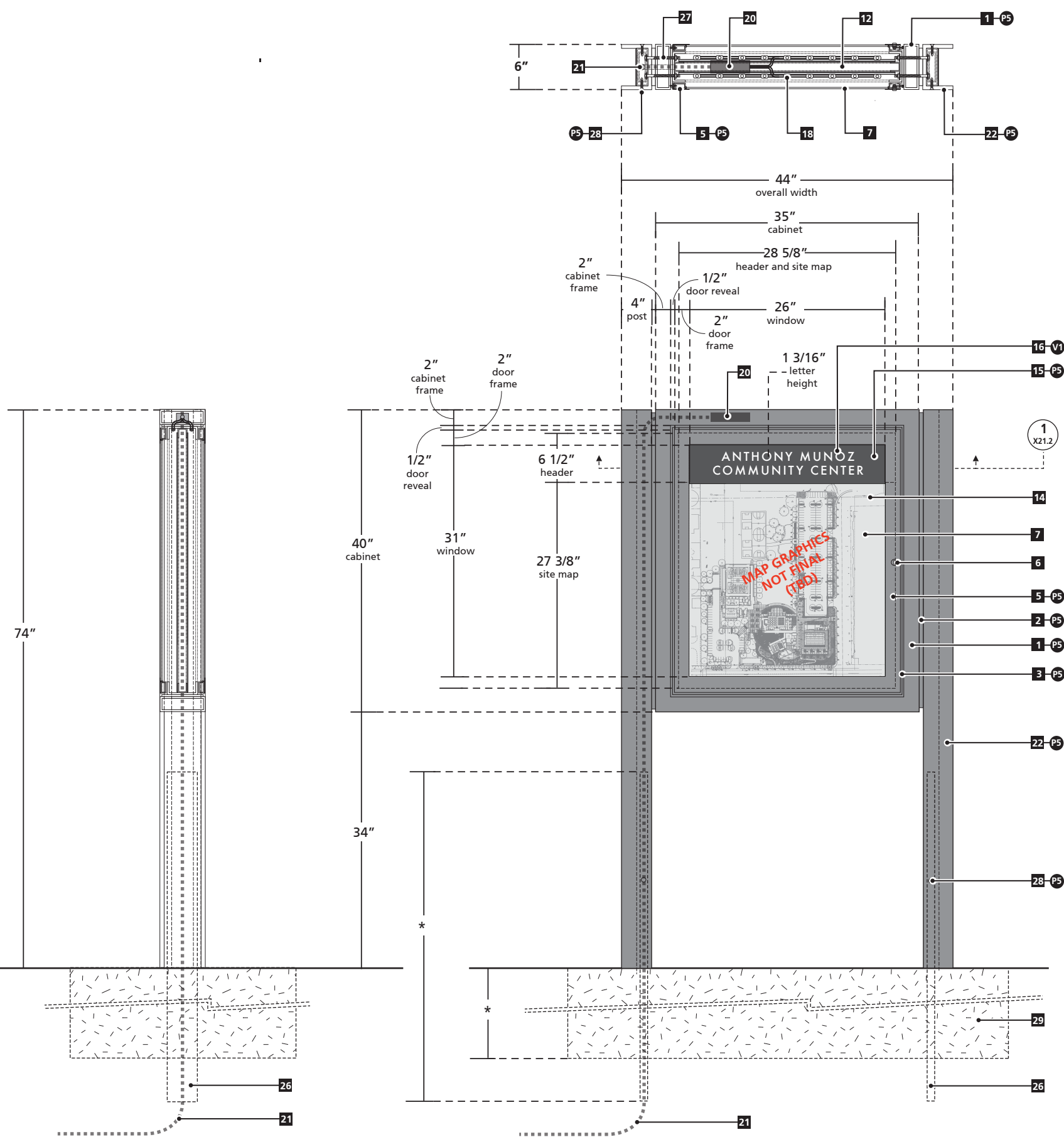
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Scale: 1/2" = 1'-0"



SCALE: 3/4" = 1'-0"



Sign Type X21.00 - Information Kiosk

New one-sided kiosk, and renovation of existing two-sided kiosk to display "You Are Here" site map at Community Center. Kiosks are internally illuminated, fabricated aluminum display cabinets with lockable door, direct digital print site map and tempered glass window. Cabinet is supported by two aluminum channel posts.

DETAIL / SPECIFICATION KEY

- 2" x 2" x 1/4" welded rectangular aluminum tube canbinet frame with seamless appearance.
- 1/2" thick aluminum plate spacer / reveal.
- 1/4" thick aluminum plate spacer / reveal with machined slot to accommodate lock cam.
- 1 1/2" x 3/4" x 1/8" welded rectangular aluminum tube door frame with seamless appearance.
- 1/8" thick aluminum plate door frame face / glass retainer with seamless seamless appearance.
- 5/8" Die Cast Tubular Cam Lock from EasyKeys.com #CCL/C-520-L.
- 3/16" thick tempered glass.
- Appropriate silicone seal to adequatley retain tempered glass.
- Continuos aluminum piano hinge fastened to door frame and aluminum spacer.
- Appropriate flathead, countersunk screw piano hinge fastener.
- 1 3/4" x 4" x 1/4" welded aluminum channel interior cabinet frame.
- 1 1/4" x 1 1/4" x 1/8" welded aluminum channel tack-board frame.
- 1/8" thick aluminum site map base plate fastened to frame via Lords adhesive.
- 1/4" thick acrylic site map panel with painted finish and direct digital print map graphics.
- 1/8" thick painted aluminum header panel.
- Applied vinyl letters.
- Appropriate flathead, countersunk screw header panel fastener.
- White Tetra® MS Small LED module by General Electric #GEMS2432-W1
- Low voltage lead from power supply.
- Tetra® LED power supply by General Electric #GEPS-24-25U-NA.
- Primary electrical access with appropriate conduit.
- 4" x 6" x 1/2" aluminum channel post, cut from 6" x 6" x 1/2" square aluminum tube.
- 1" x 1 1/2" x 1/8" welded aluminum channel post frame.
- 1/8" thick painted aluminum post frame cover/access panel.
- Appropriate flathead, countersunk allen screw, post frame cover fastener.
- 1" x 4" x 1/8" rectangular aluminum tube vertical support. *
- Appropriate, non-corrosive, lag bolt cabinet / post fasteners as needed. *
- Appropriate countersunk allen head post set screw.
- Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

- P5 Painted to match Matthews MP10269 (Dark Slate)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)

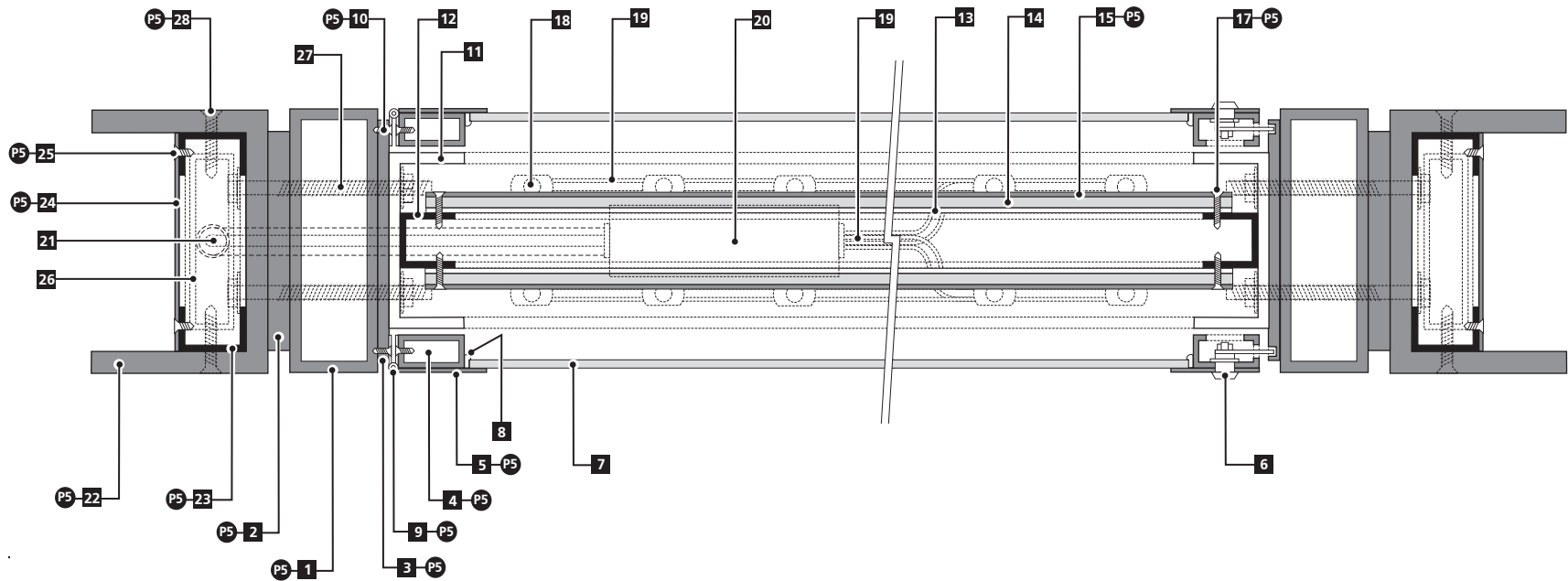
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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Detail 1



SCALE: 1/4" = 1'-0"

Sign Type X21.00 - Information Kiosk

New one-sided kiosk, and renovation of existing two-sided kiosk to display “You Are Here” site map at Community Center. Kiosks are internally illuminated, fabricated aluminum display cabinets with lockable door, direct digital print site map and tempered glass window. Cabinet is supported by two aluminum channel posts.

DETAIL / SPECIFICATION KEY

- 2" x 2" x 1/4" welded rectangular aluminum tube canbinet frame with seamless appearance.
- 1/2" thick aluminum plate spacer / reveal.
- 1/4" thick aluminum plate spacer / reveal with machined slot to accommodate lock cam.
- 1 1/2" x 3/4" x 1/8" welded rectangular aluminum tube door frame with seamless appearance.
- 1/8" thick aluminum plate door frame face / glass retainer with seamless seamless appearance.
- 5/8" Die Cast Tubular Cam Lock from EasyKeys.com #CCL/C-520-L.
- 3/16" thick tempered glass.
- Appropriate silicone seal to adequatley retain tempered glass.
- Continuos aluminum piano hinge fastened to door frame and aluminum spacer.
- Appropriate flathead, countersunk screw piano hinge fastener.
- 1 3/4" x 4" x 1/4" welded aluminum channel interior cabinet frame.
- 1 1/4" x 1 1/4" x 1/8" welded aluminum channel tack-board frame.
- 1/8" thick aluminum site map base plate fastened to frame via Lords adhesive.
- 1/4" thick acrylic site map panel with painted finish and direct digital print map graphics.
- 1/8" thick painted aluminum header panel.
- Applied vinyl letters.
- Appropriate flathead, countersunk screw header panel fastener.
- White Tetra® MS Small LED module by General Electric #GEMS2432-W1
- Low voltage lead from power supply.
- Tetra® LED power supply by General Electric #GEPS-24-25U-NA.
- Primary electrical access with appropriate conduit.
- 4" x 6" x 1/2" aluminum channel post, cut from 6" x 6" x 1/2" square aluminum tube.
- 1" x 1 1/2" x 1/8" welded aluminum channel post frame.
- 1/8" thick painted aluminum post frame cover/access panel.
- Appropriate flathead, countersunk allen screw, post frame cover fastener.
- 1" x 4" x 1/8" rectangular aluminum tube vertical support. *
- Appropriate, non-corrosive, lag bolt cabinet / post fasteners as needed. *
- Appropriate countersunk allen head post set screw.
- Poured-in-place concrete base / footing. *

COLOR / FINISH SPECIFICATIONS

- P5 Painted to match Matthews MP10269 (Dark Slate)
- V1 3M Scotchcal Opaque 7725-20 (Matte White)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer. *
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium Condensed and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type X22.00 - Fire Riser Identification Sign

Vinyl letters applied directly to exterior door surface.

■ **DETAIL / SPECIFICATION KEY**

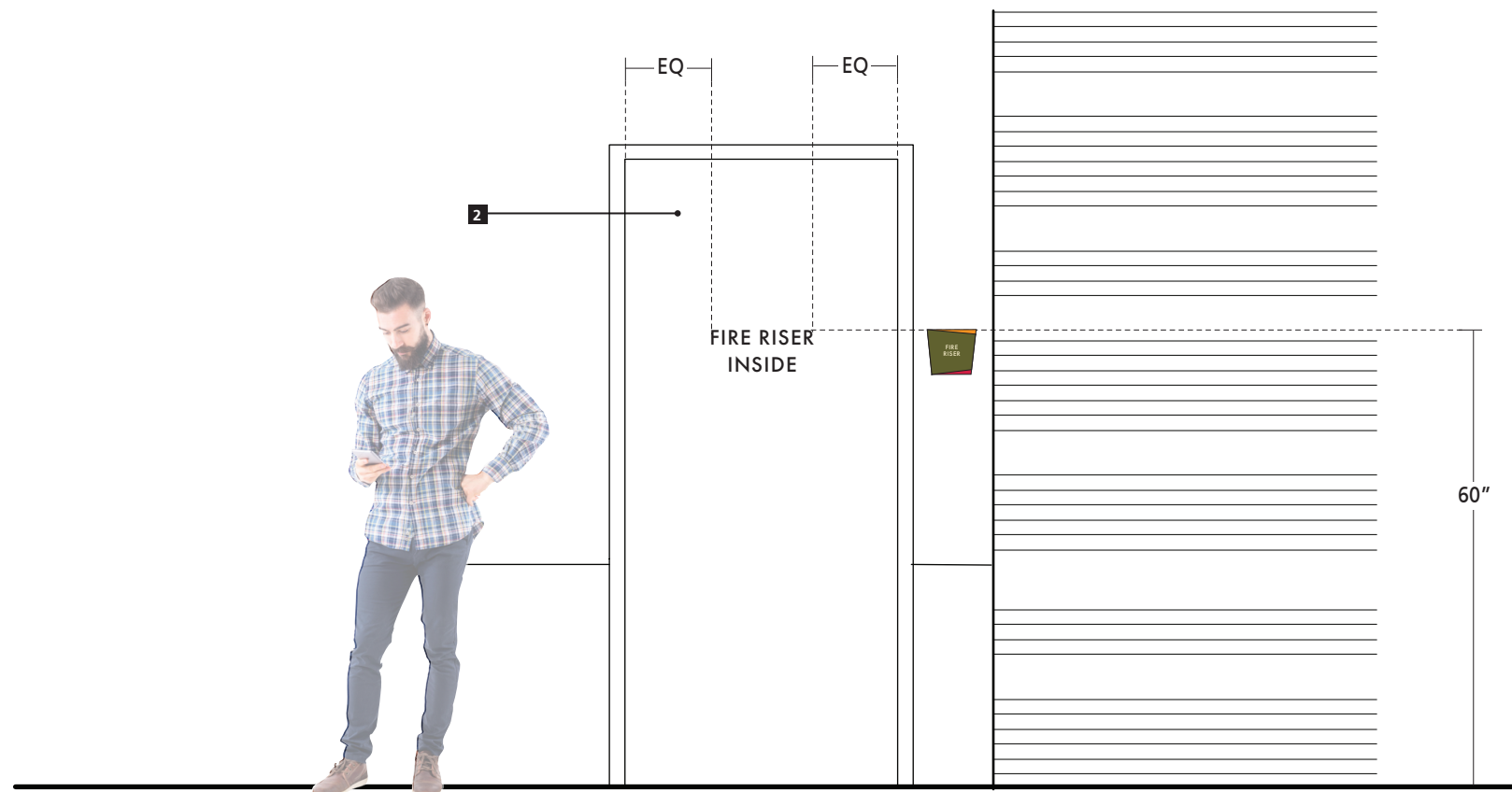
- 1** Vinyl graphics applied directly to exterior door surface
- 2** Exterior door surface.

● COLOR / FINISH SPECIFICATIONS

- V9** 3M Scotchcal painted to match Matthews MP15975 (Marinated Olive)



Scale: $1/4" = 1"$



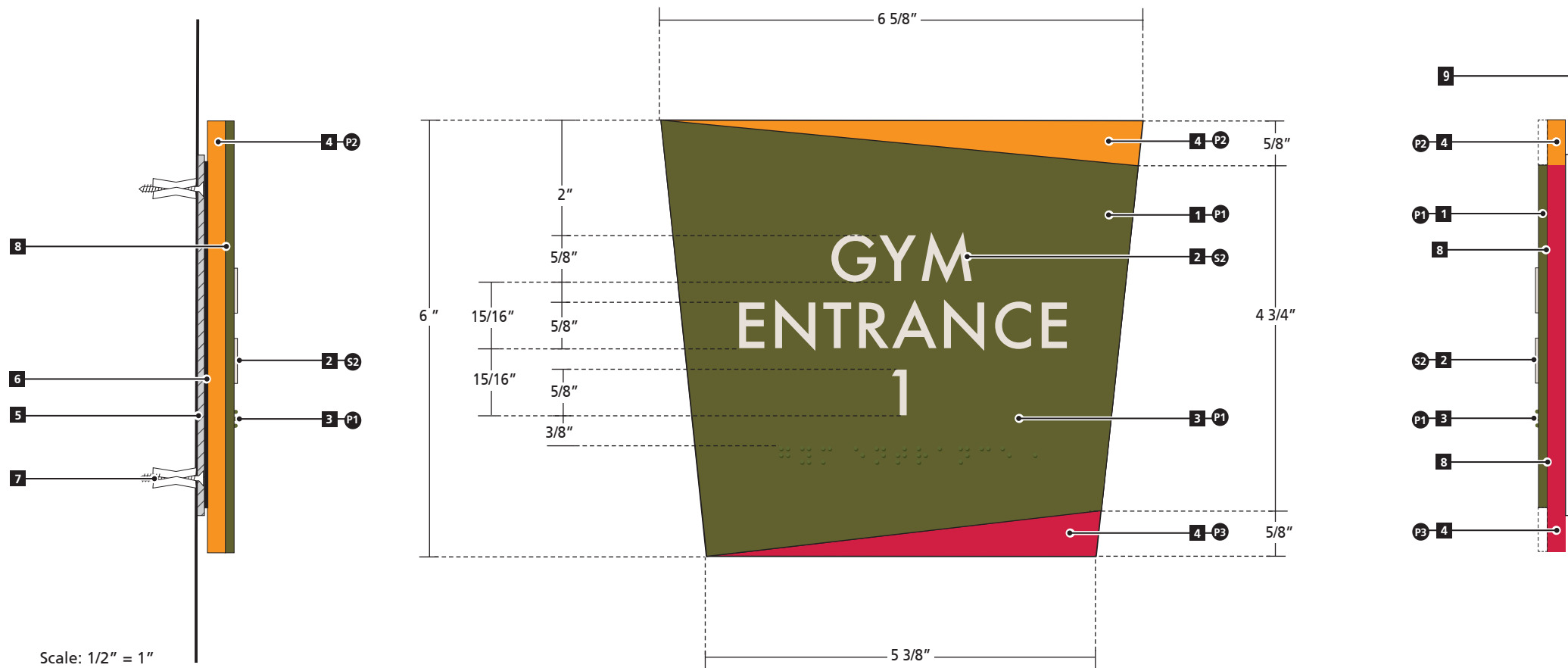
Scale: $1/2'' = 1'-0''$

◆ NOTES

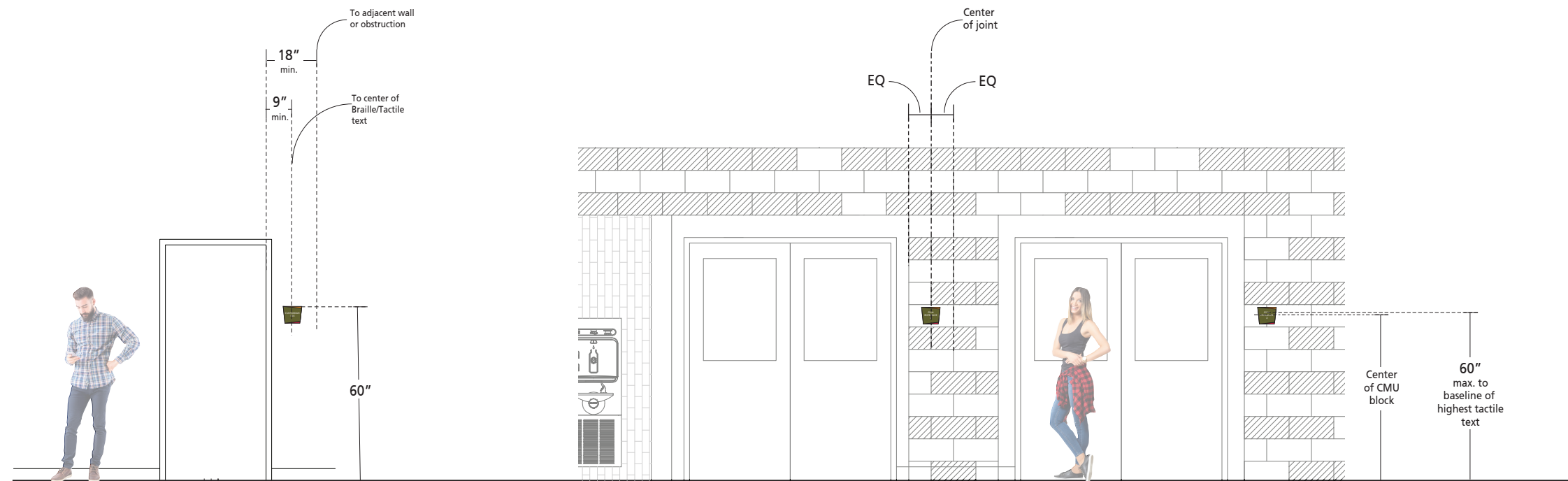
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
- Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Scale: 1/2" = 1"



Scale: 1/4" = 1'-0"

Note: Signage Contractor to field verify precise locations with GSD prior to installation

Sign Type A1.00 - Interior Room Identification Sign
Multi-color painted acrylic sign backer and etched photopolymer sign face with raised Braille / tactile screen print graphics.

DETAIL / SPECIFICATION KEY

- 1** .153" thick, etched photopolymer sign face with raised Braille/tactile graphics.
- 2** Raised, screen-printed letters.
- 3** Raised Braille letters
- 4** 1/4" thick multi-color painted acrylic back plate.
- 5** 1/8" thick acrylic mounting plate.
- 6** Appropriate, 3M VHB tape along all four edges, 1/2" minimum from edge
- 7** Non-corrosive counter-sunk screw and appropriate wall anchor.
- 8** 2.3 mil 3M Double Coated Tape 9500PT
- 9** Existing interior wall surface.

COLOR / FINISH SPECIFICATIONS

- P1** Painted to match Matthews MP15975 (Marinated Olive)
- P2** Painted to match Matthews MP10190 (Highway Yellow)
- P3** Painted to match Matthews MP10256 (Esprit Red)
- S2** Screen-print color to match MP02650 (Garbo Silver)

NOTES

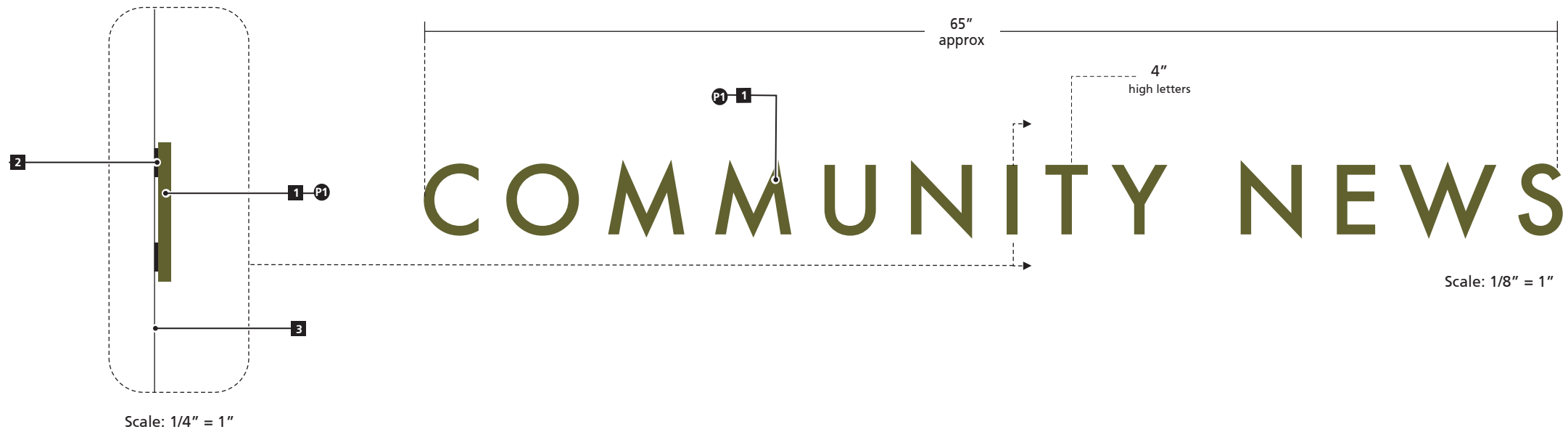
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
- Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Alternate Layouts





Sign Type A2.01 - Area Identification Sign

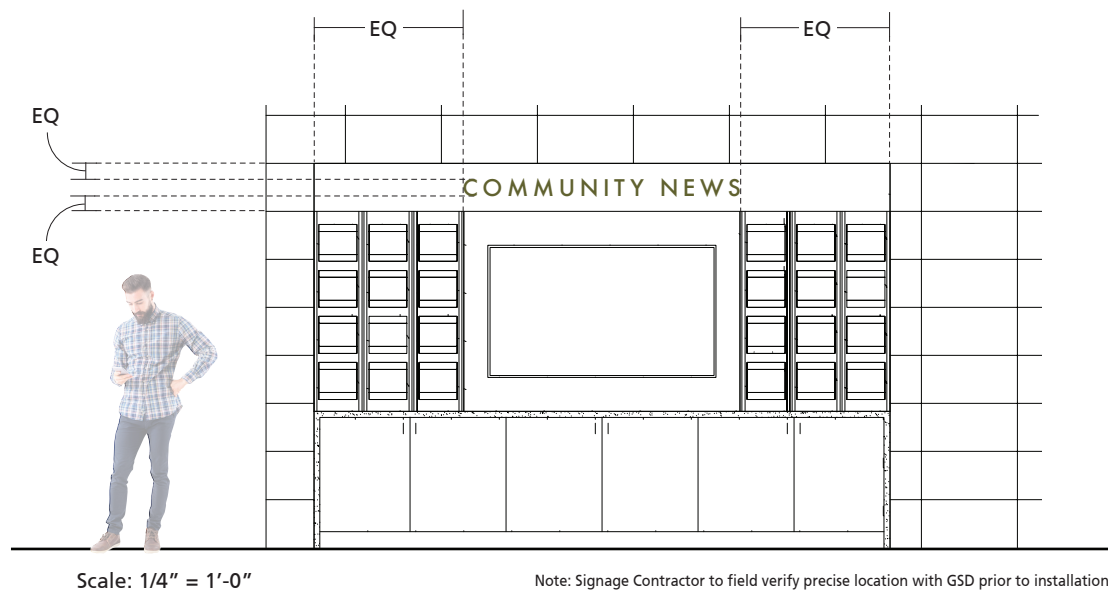
Cut-out dimensional acrylic letters with painted finish, mounted directly to casework.

DETAIL / SPECIFICATION KEY

- 1 3/8" thick, cut-out acrylic letters with painted finish
- 2 Appropriate 3M VHB tape and silicone adhesive.
- 3 Existing casework surface.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)



◆ NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type A2.0 and A2.03 - Area Identification Sign
Cut-out dimensional acrylic letters with painted finish, mounted directly to casework.

DETAIL / SPECIFICATION KEY

- 1** 3/8" thick, cut-out acrylic letters with painted finish
- 2** Appropriate 3M VHB tape and silicone adhesive.
- 3** Existing casework surface.

COLOR / FINISH SPECIFICATIONS

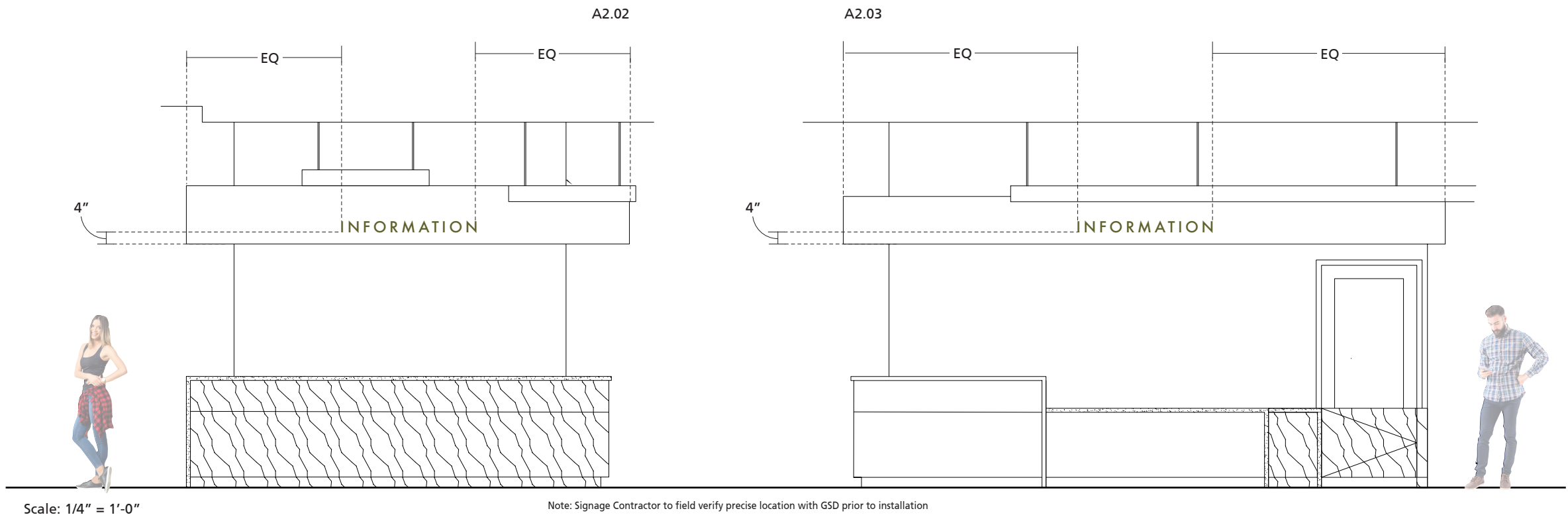
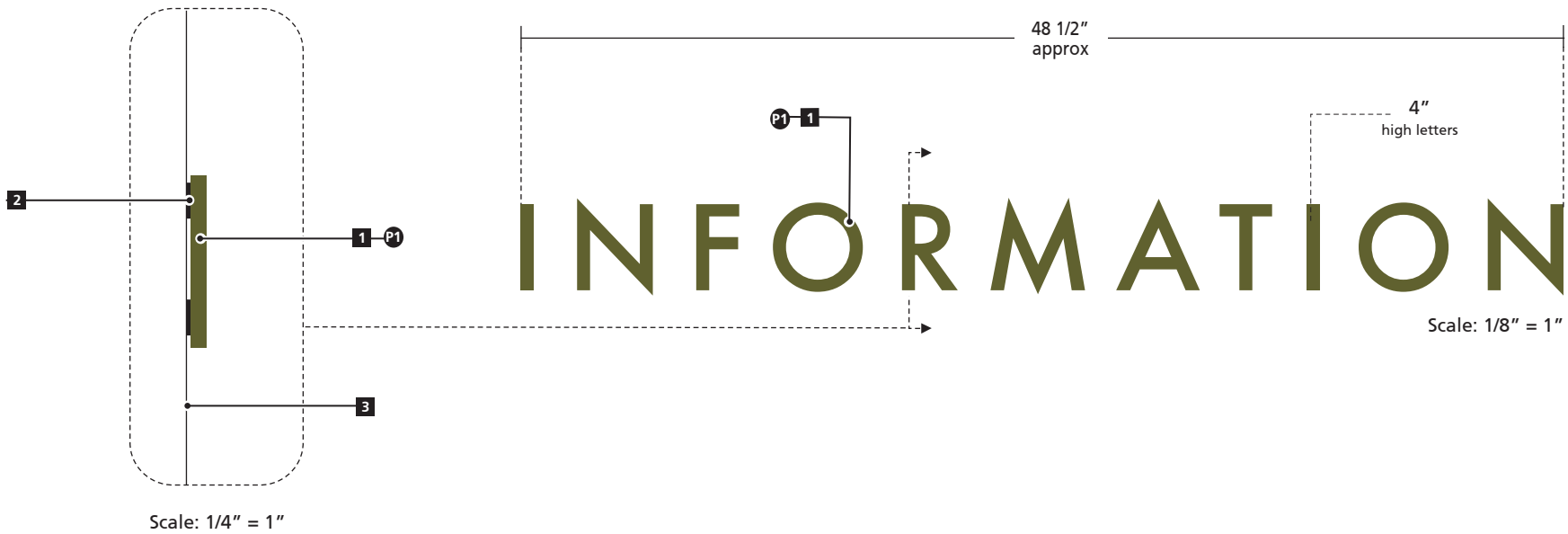
- P1** Painted to match Matthews MP15975 (Marinated Olive)

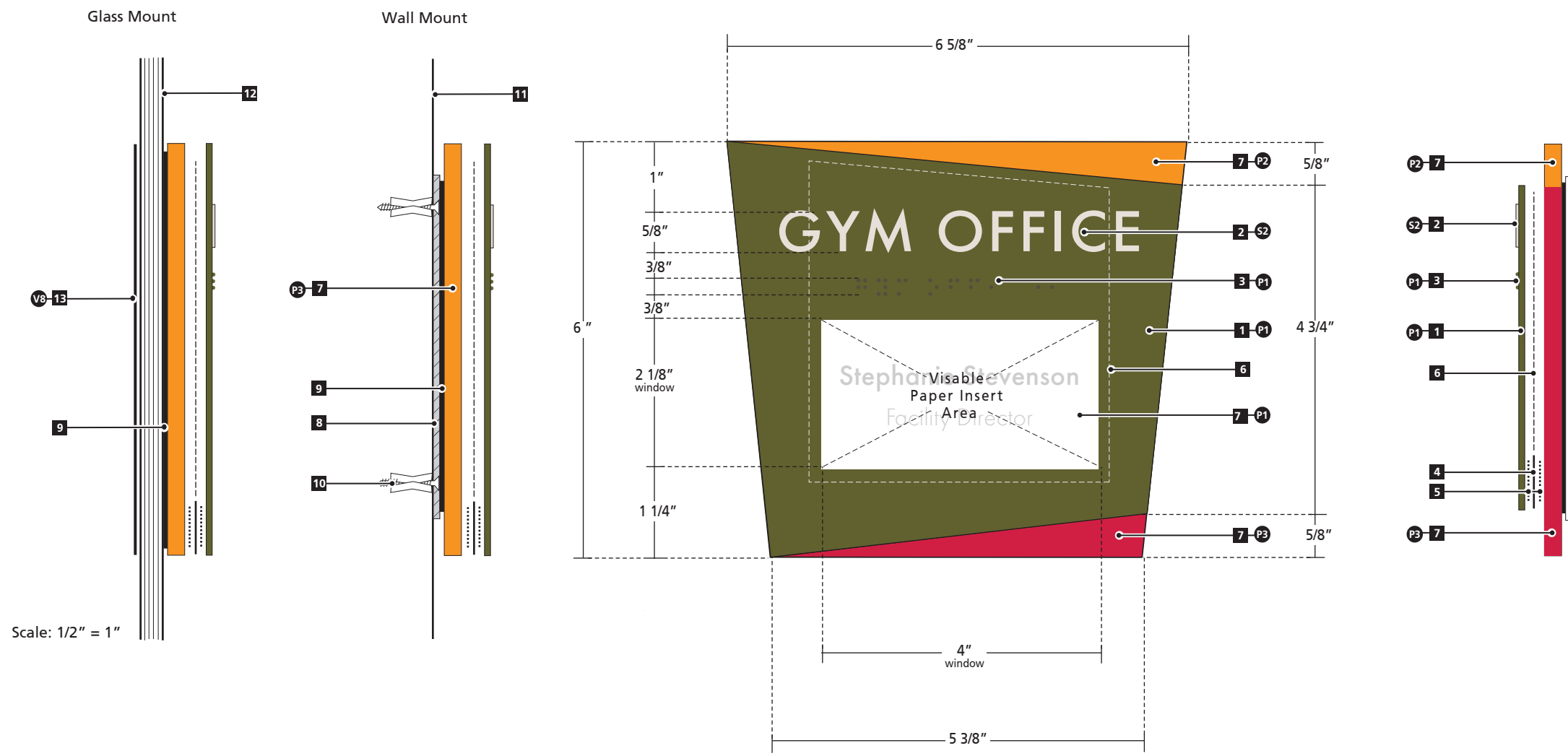
NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.





Sign Type A3.00: Changeable Room Identification Sign / Small

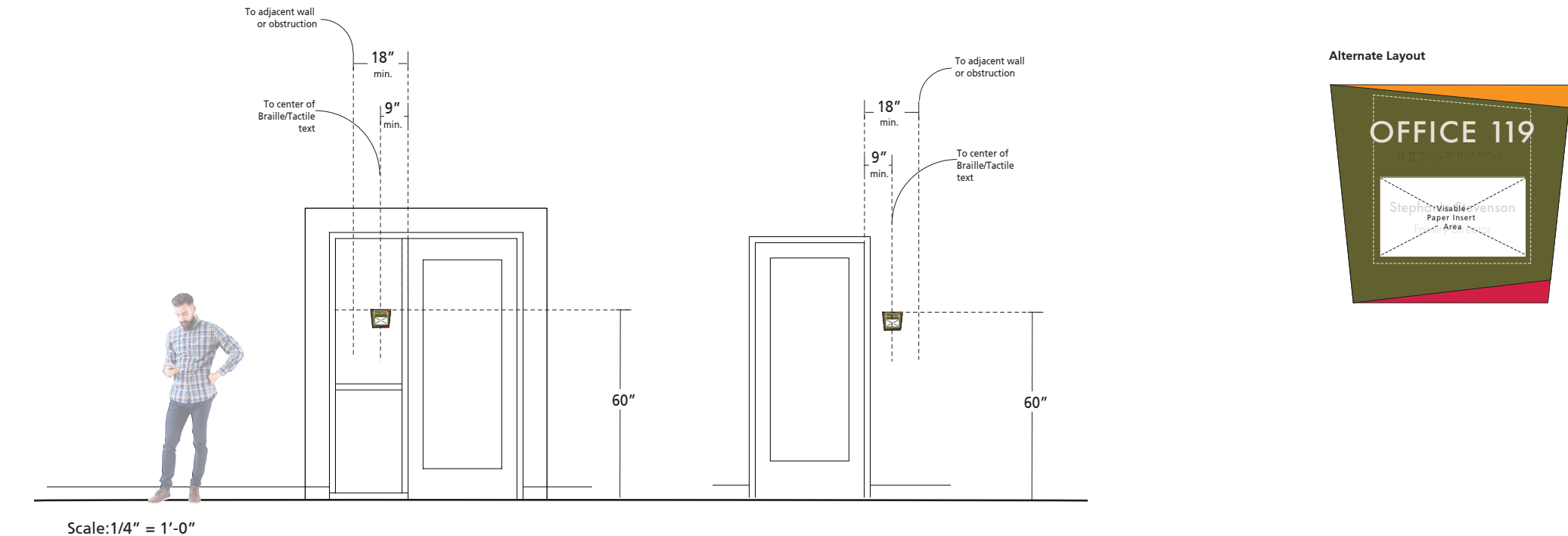
Multi-color painted acrylic backer and etched photopolymer sign face with mask-painted border / window and raised Braille / tactile, screen print graphics. Glass mount locations utilize an opaque vinyl cover-up patch on inside of glass to conceal mounting adhesive.

DETAIL / SPECIFICATION KEY

- .153" thick, etched photopolymer sign face with raised Braille/tactile graphics and masked, first-surface painted background
- Raised, screen-printed letters.
- Raised Braille letters.
- .060 acrylic seperator.
- 2.3 mil 3M Double Coated Tape 9500PC
- 4 3/8" x 4 5/8" changeable paper insert (top load) with cut, angled top edge to accomodate angled sign face.
- 1/4" thick multi-color painted acrylic backer with area behind window to be painted to match sign face for finished appearance when no paper insert is present.
- 5 5/8" x 5" x 1/8" thick acrylic mounting plate.
- Appropriate, 3M VHB tape along all four edges.
- Non-corrosive counter-sunk screw and appropriate wall anchor.
- Existing wall surface.
- Existing glass surface.
- Opaque vinyl cover-up patch cut to match acrylic backer shape.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- S2 Screen-print color to match MP02650 (Garbo Silver)

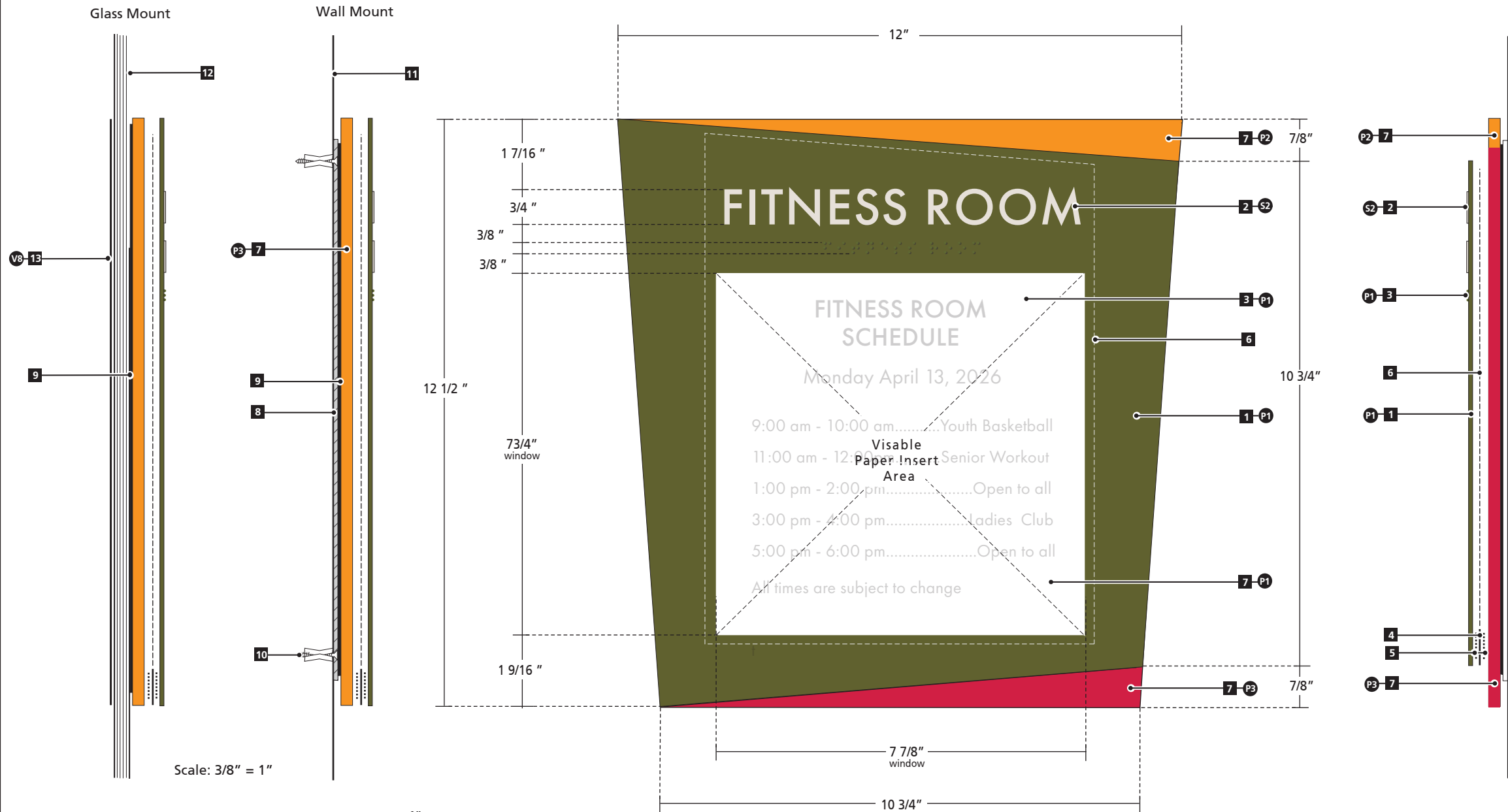


◆ NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign Type A4.00: Changeable Room Identification Sign / Large

Multi-color painted acrylic backer and etched photopolymer sign face with mask-painted border / window and raised Braille / tactile, screen print graphics. Glass mount locations utilize an opaque vinyl cover-up patch on inside of glass to conceal mounting adhesive.

DETAIL / SPECIFICATION KEY

- 1 .153" thick, etched photopolymer sign face with raised Braille/tactile graphics and masked, first-surface painted background
- 2 Raised, screen-printed letters.
- 3 Raised Braille letters.
- 4 .060 acrylic seperator.
- 5 2.3 mil 3M Double Coated Tape 9500PC
- 6 Edge of 8 1/4" x 10 7/8" changeable paper insert (top load) with cut, angled top edge to accomodate angled sign face.
- 7 1/4" thick multi-color painted acrylic backer with area behind window to be painted to match sign face for finished appearance when no paper insert is present.
- 8 11" x 11 1/2" x 1/8" thick acrylic mounting plate.
- 9 Appropriate, 3M VHB tape along all four edges.
- 10 Non-corrosive counter-sunk screw and appropriate wall anchor.
- 11 Existing wall surface.
- 12 Existing glass surface.
- 13 Opaque vinyl cover-up patch cut to match acrylic backer shape.

COLOR / FINISH SPECIFICATIONS

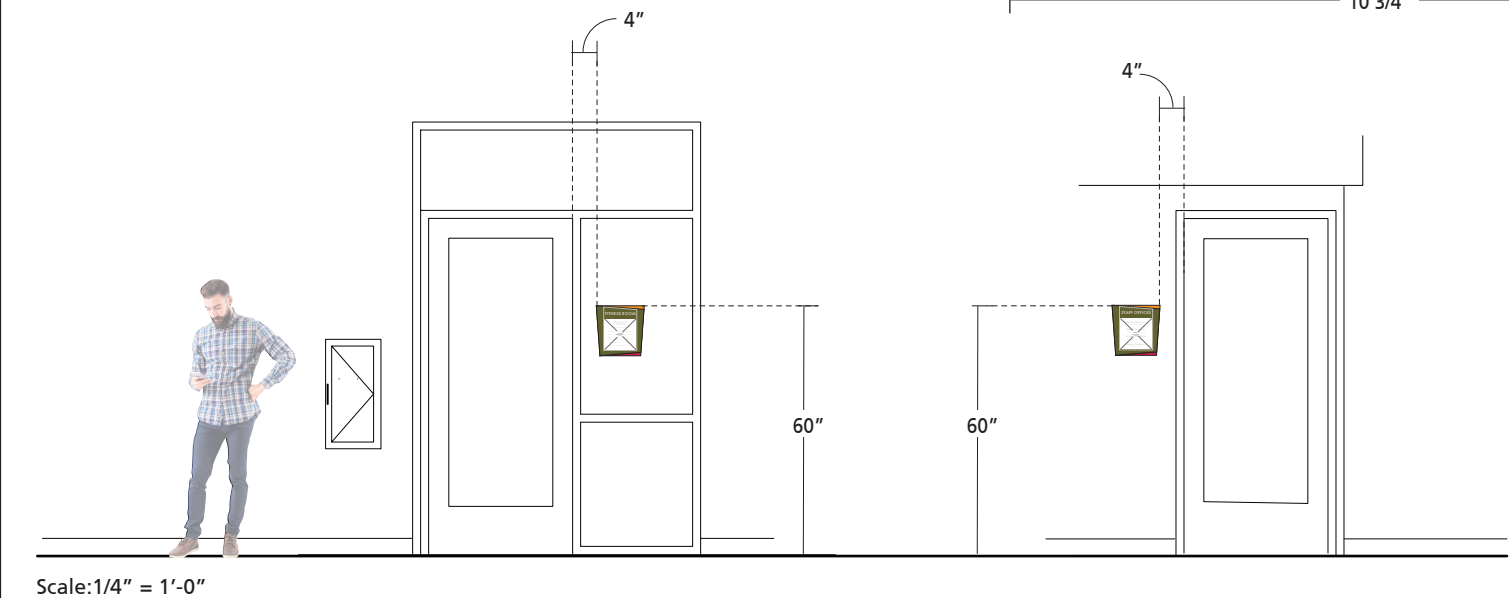
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- S2 Screen-print color to match MP02650 (Garbo Silver)

NOTES

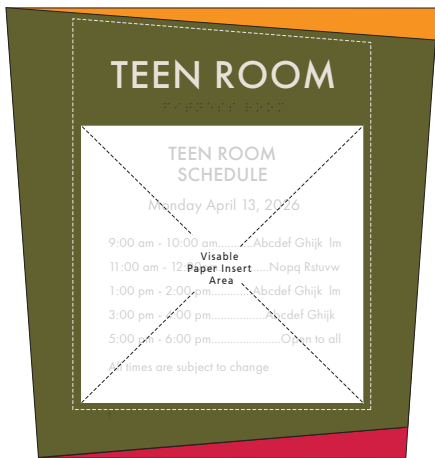
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

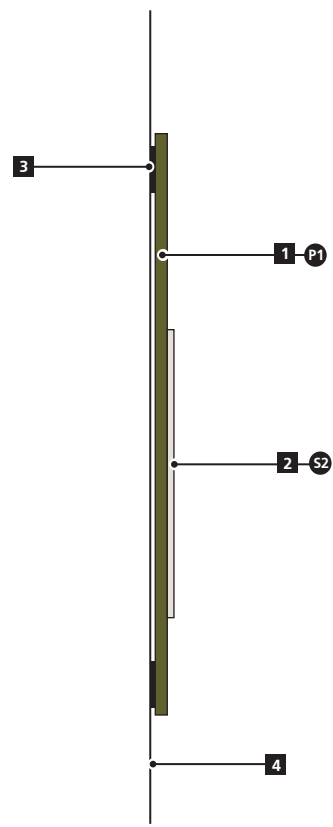
SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

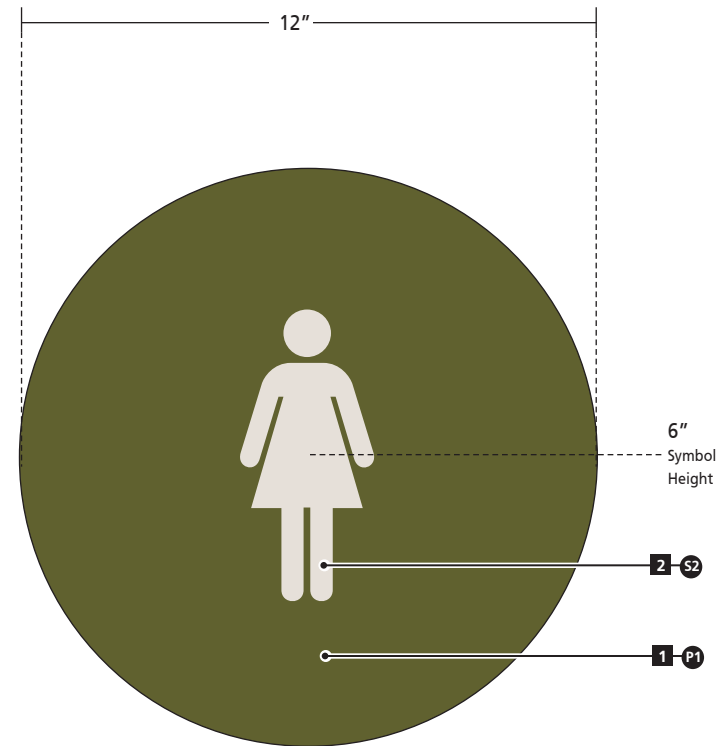
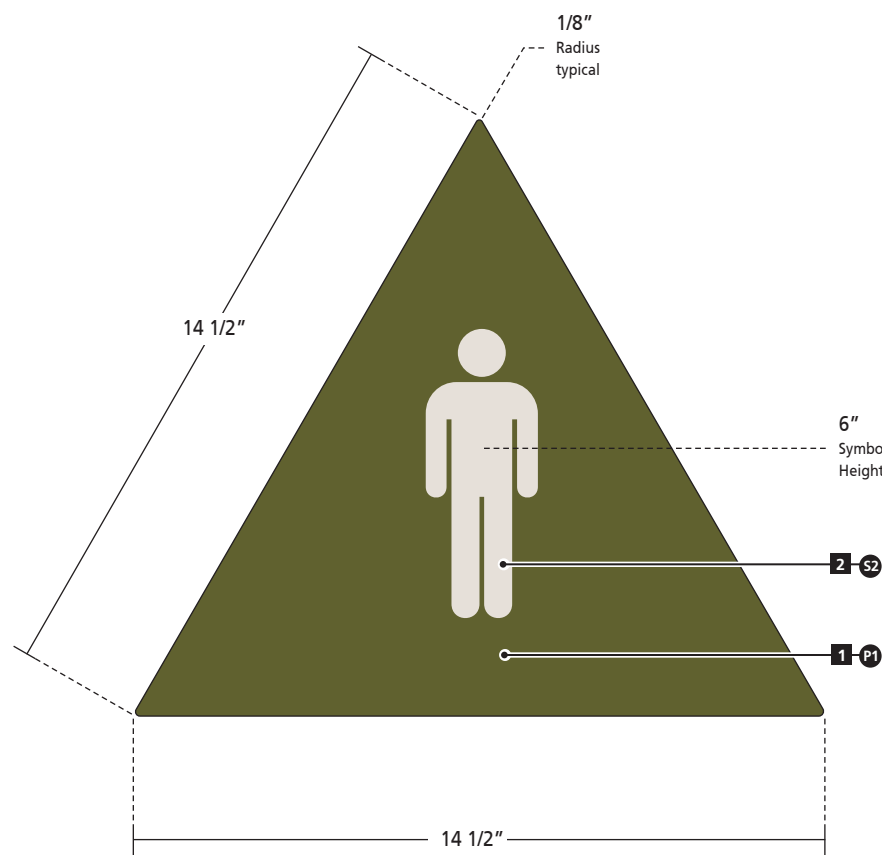


Alternate Layout





Scale: 1/4" = 1"



Sign Type A5.00 : Interior CBC Restroom Identification

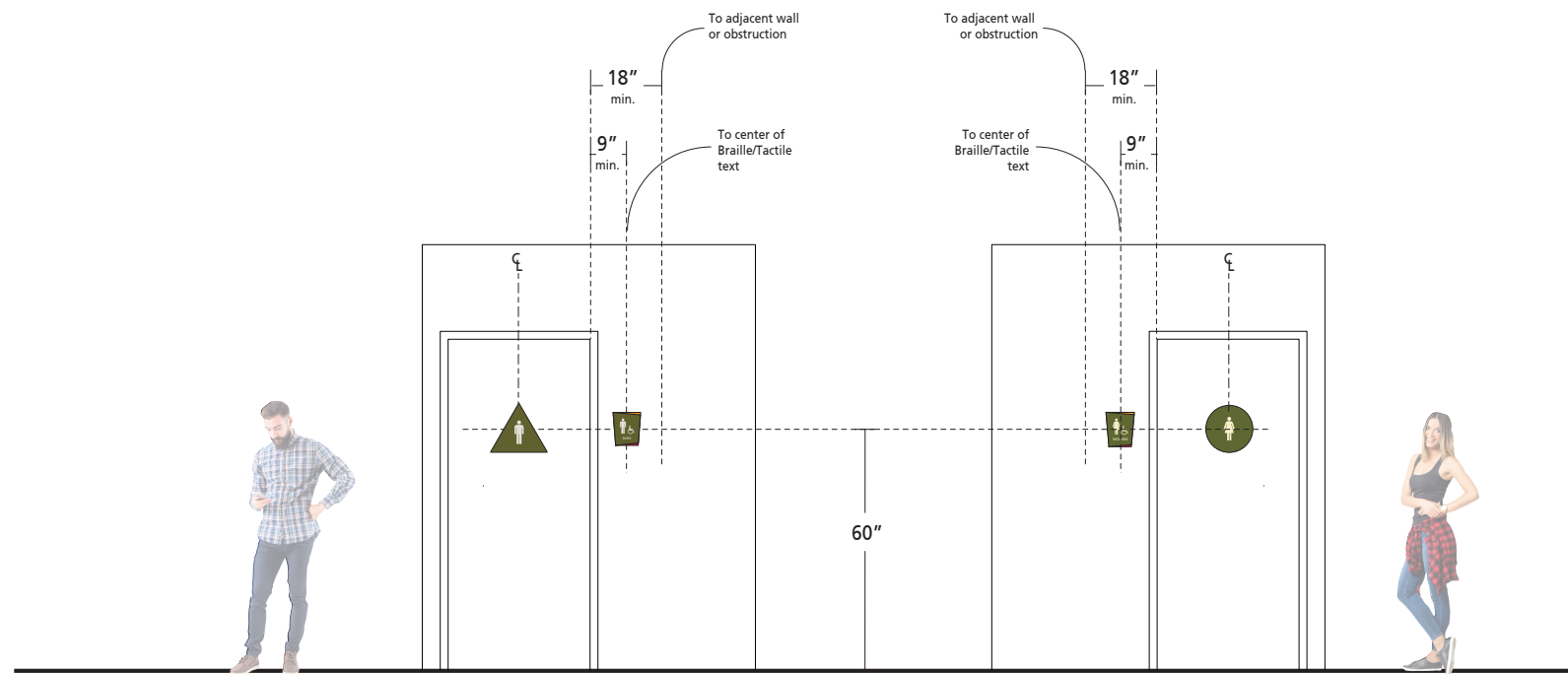
Etched photopolymer sign face with raised, screen print graphics and eased edges.

DETAIL / SPECIFICATION KEY

- 1/4" thick photopolymer sign panel with eased edges.
- Raised screen printed graphics.
- Appropriate VHB tape and Silicone adhesive.
- Restroom door surface.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- S2 Screen-print color to match MP02650 (Garbo Silver)



Scale: 1/4" = 1'-0"

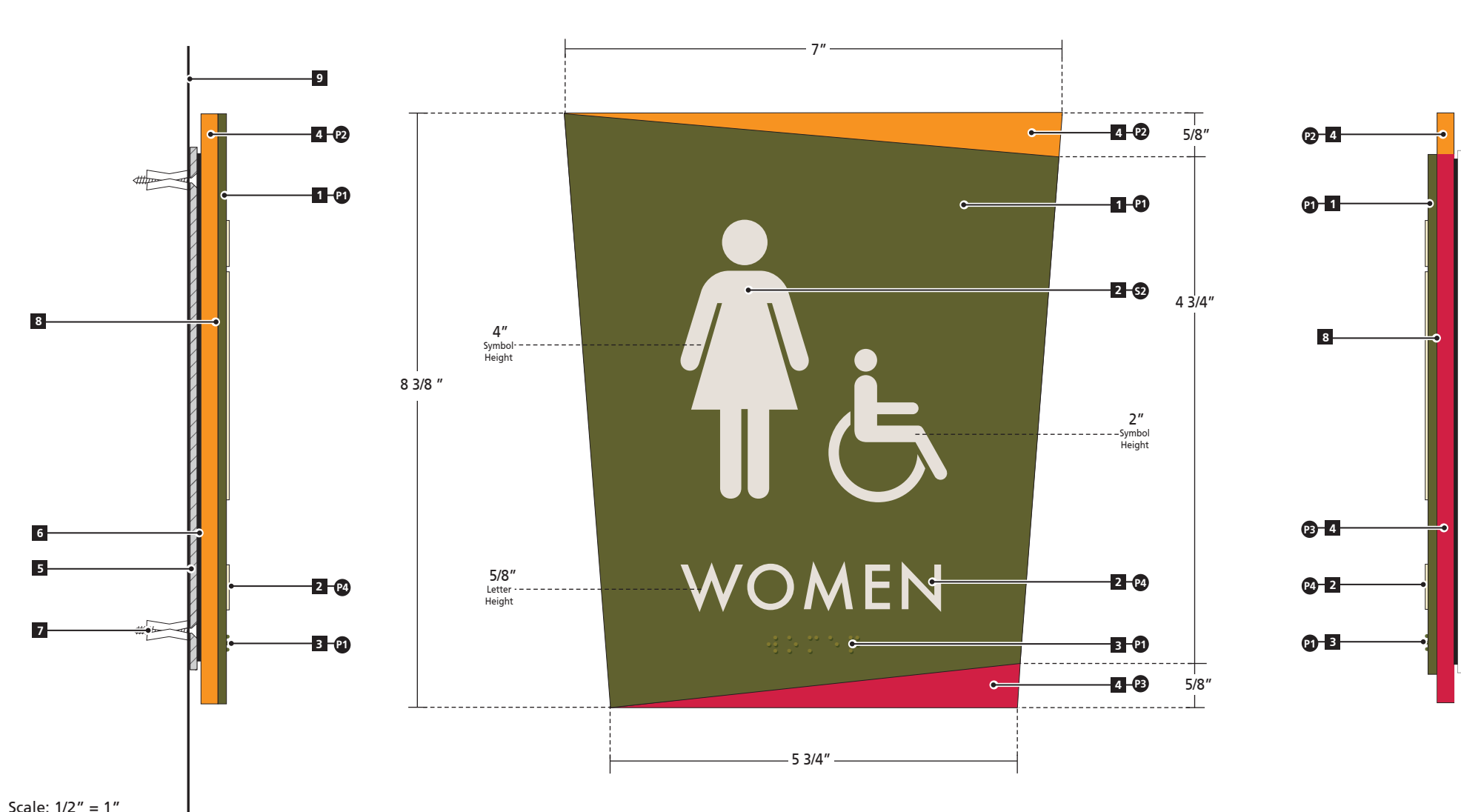
Note: Signage Contractor to field verify precise location with GSD prior to installation

NOTES

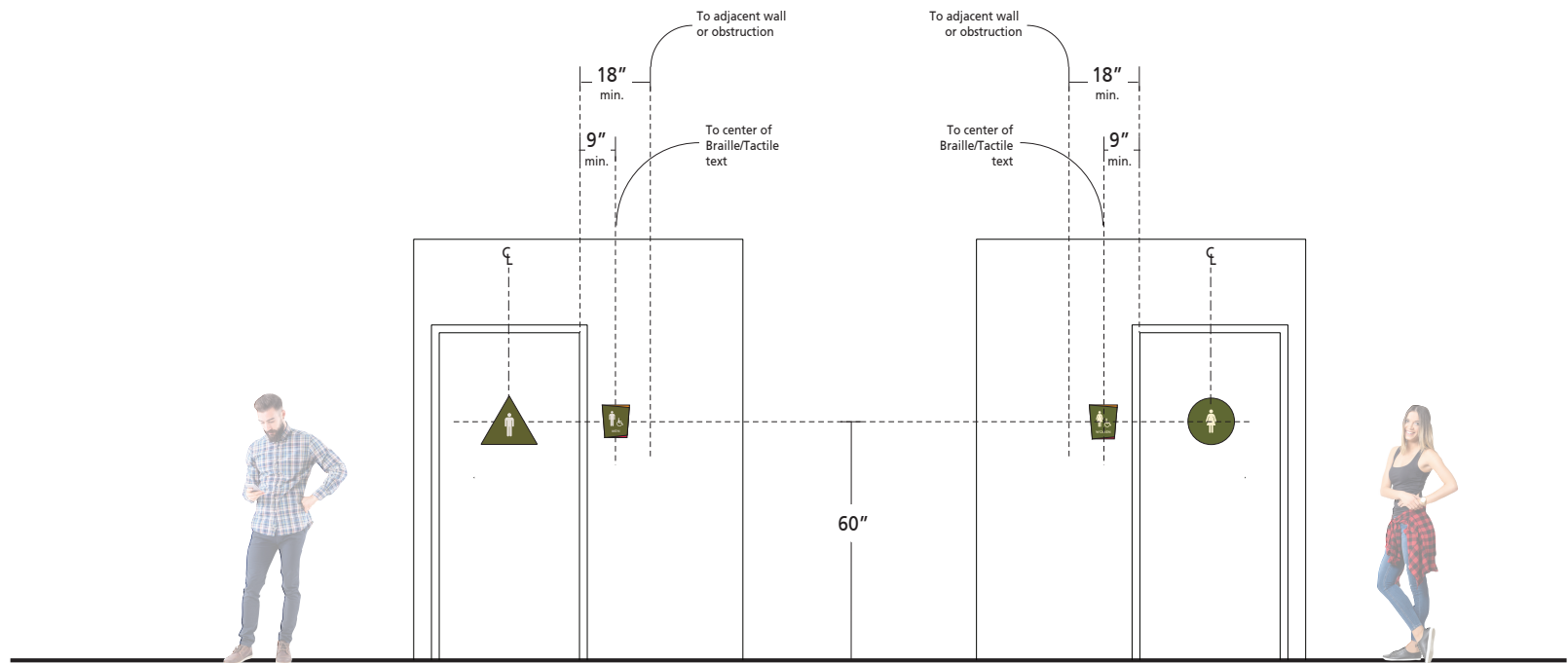
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Scale: 1/2" = 1"



Scale: 1/4" = 1'-0"

Note: Signage Contractor to field verify precise location with GSD prior to installation

Sign Type A6.00 - Interior ADA Restroom Identification Sign

Multi-color painted acrylic sign backer and etched photopolymer sign face with raised Braille / tactile screen print graphics.

DETAIL / SPECIFICATION KEY

- 1 .153" thick, photopolymer sign face with raised Braille/tactile graphics.
- 2 Raised, screen-printed tactile letters.
- 3 Raised Braille letters
- 4 1/4" thick multi-color painted acrylic back plate.
- 5 1/8" thick acrylic mounting plate.
- 6 Appropriate, 3M VHB tape along all four edges, 1/2" minimum from edge
- 7 Non-corrosive counter-sunk screw and appropriate wall anchor
- 8 2.3 mil 3M Double Coated Tape 9500PT
- 9 Existing wall surface

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- S2 Screen-print color to match MP02650 (Garbo Silver)

NOTES

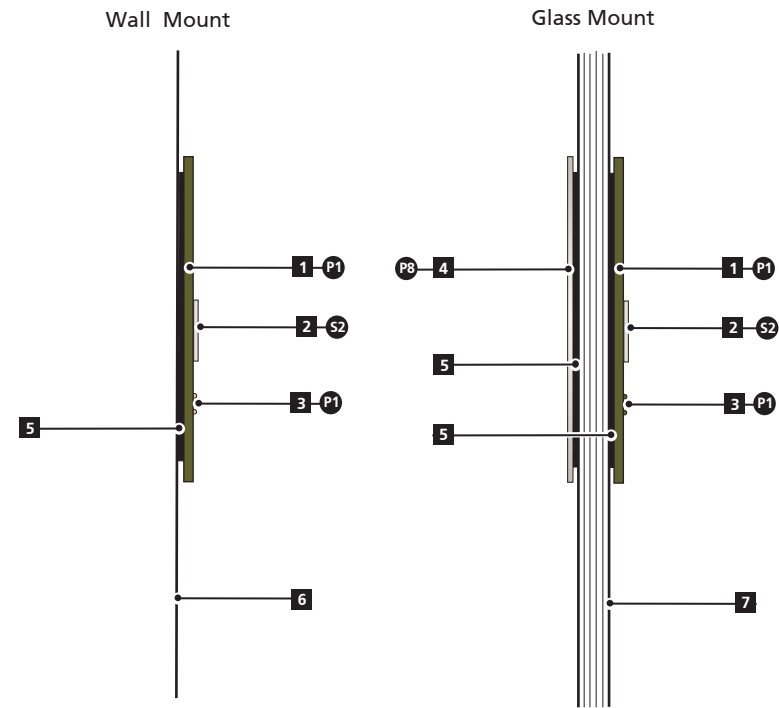
- This drawing is supplied as a service to Robert R. Coffee Architect + Associates, and the City of Ontario to exhibit design intent specifications that affect visual appearance only. Shop drawings supplied by the signage contractor and approved by the Owner shall be the final specification document for this sign.
- Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

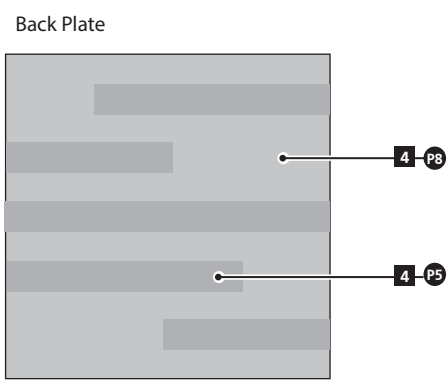
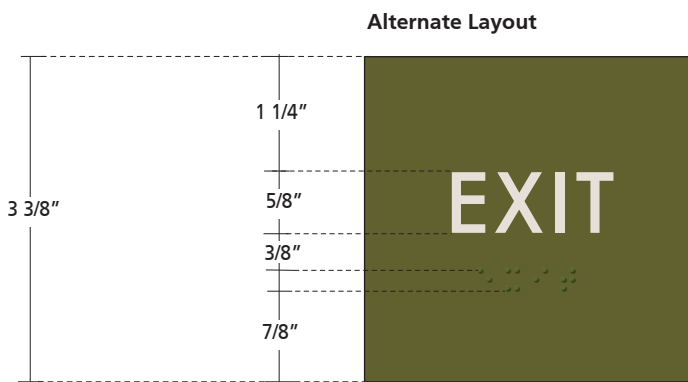
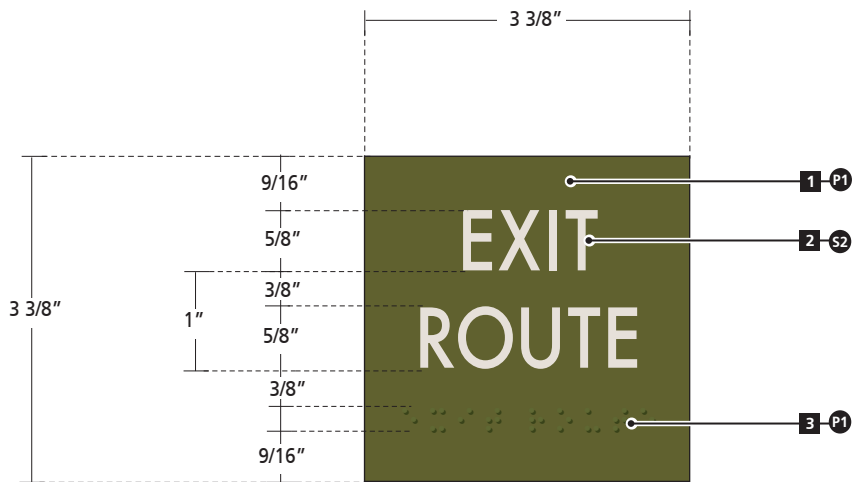
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Alternate Layout





Note:
Glass mount locations to be
painted front and back.
No adhesive to be visible
from either side.



Scale: 1/2" = 1"

Sign Type A7.00 - Interior ADA Emergency Exit Sign

Etched photopolymer sign face with raised Braille / tactile,
screen print graphics mounted to interior wall surface or glass.

DETAIL / SPECIFICATION KEY

- 1 .153" thick, photopolymer sign face with raised Braille/tactile graphics.
- 2 Raised, screen-printed letters.
- 3 Raised Braille letters
- 4 .060 aluminum back plate with painted finish.
- 5 Appropriate 3M VHB tape and silicone adhesive.
- 6 Existing interior wall or column surface.
- 7 Existing interior glass.

COLOR / FINISH SPECIFICATIONS

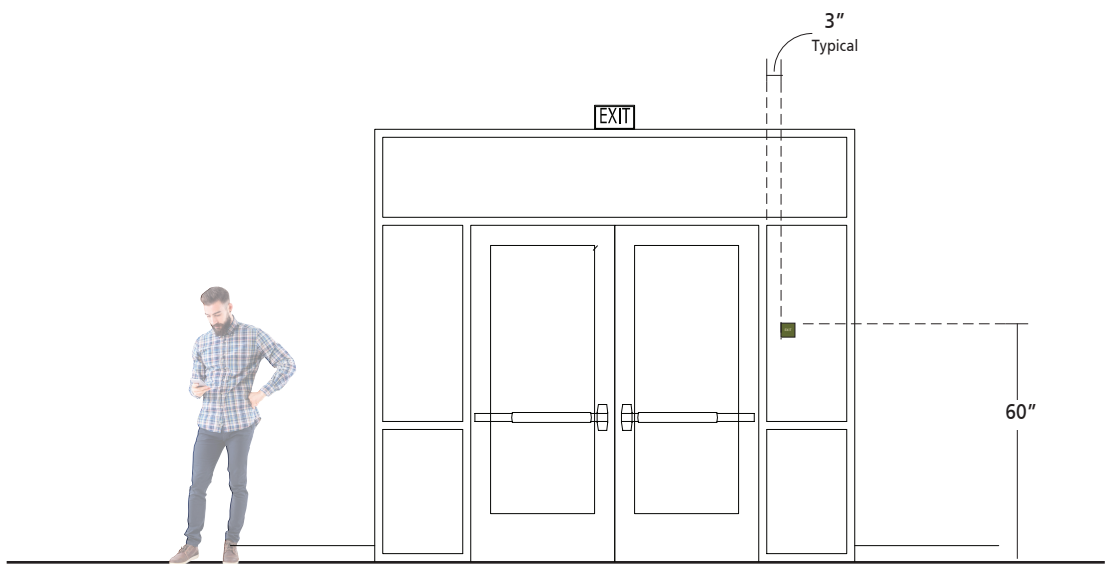
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Screen-print color to match MP02650 (Garbo Silver)

NOTES

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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium.

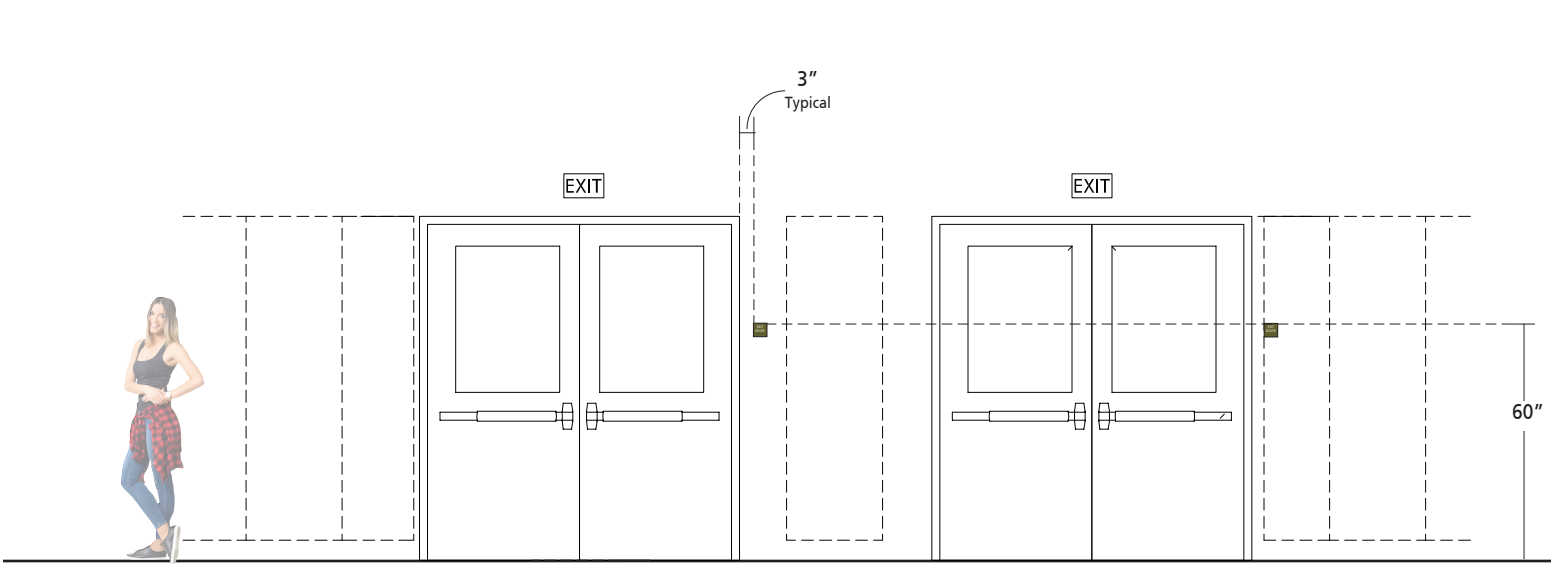
SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Scale: 1/4" = 1'-0"

Glass Mount Condition



Wall Mount Condition

Sign Type A9.00: Emergency Evacuation Sign

Multi-layered, non-glare, transparent acrylic sign face with first-surface mask painted border/window, and full-color, changeable, digital print evacuation map insert.

DETAIL / SPECIFICATION KEY

- 1 1/4" thick acrylic sign backer with first-surface painted finish.
- 2 1/8" thick non-glare acrylic sign face with first-surface mask painted border/ window
- 3 .060 acrylic separator.
- 4 Edge of 11" x 17" digital print map insert (top load).
- 5 2.3 mil 3M Double Coated Tape 9500PC
- 6 Appropriate VHB tape and Silicone adhesive.
- 7 Appropriate non-corrosive, flathead, countersunk screw and wall anchor.
- 8 12" wide x 17 1/2" high x 1/8" thick painted acrylic back plate.
- 9 Interior wall surface.

COLOR / FINISH SPECIFICATIONS

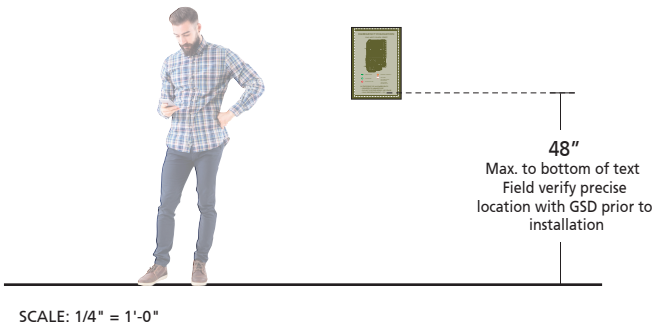
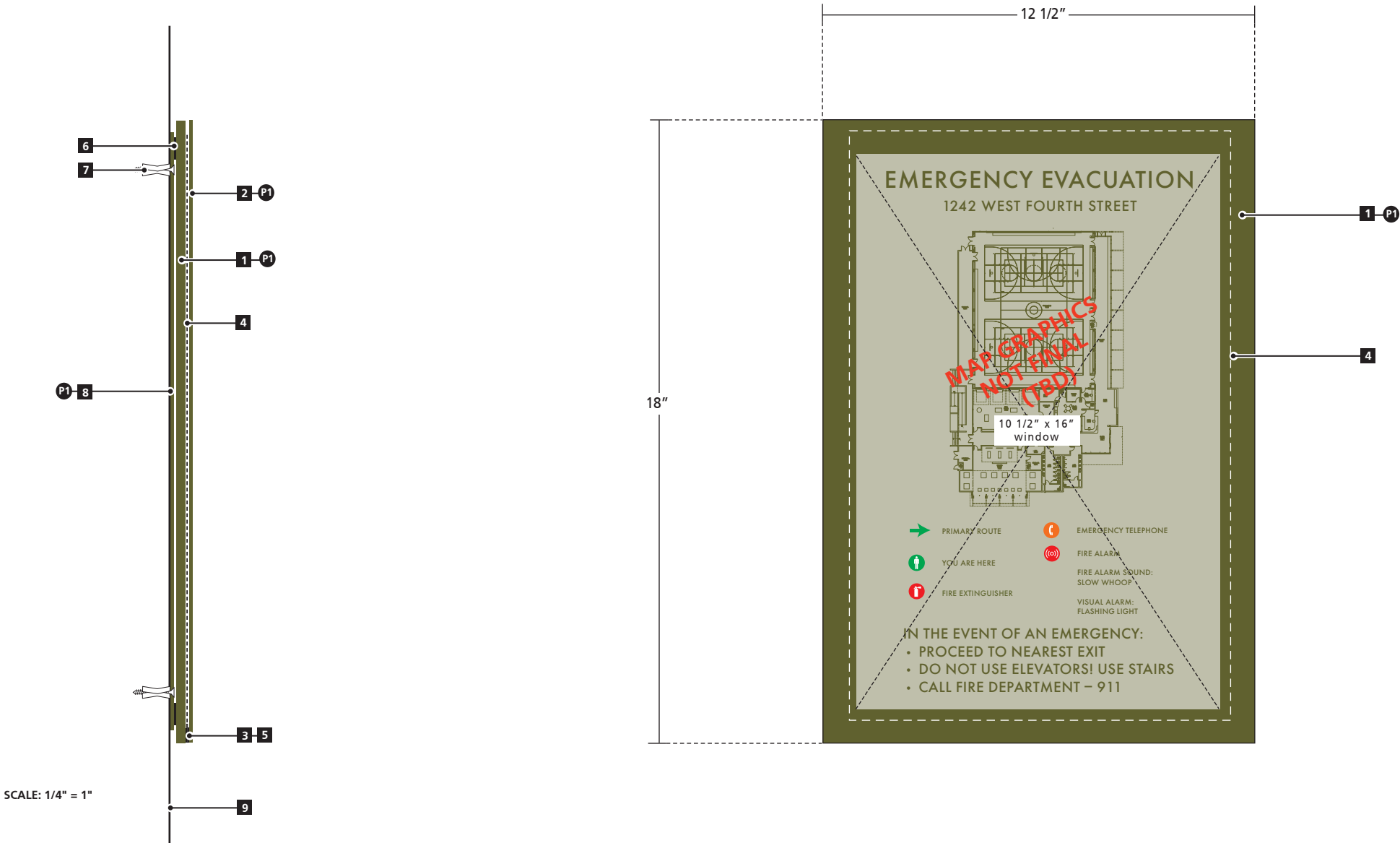
- P1 Painted to match Matthews MP15975 (Marinated Olive)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



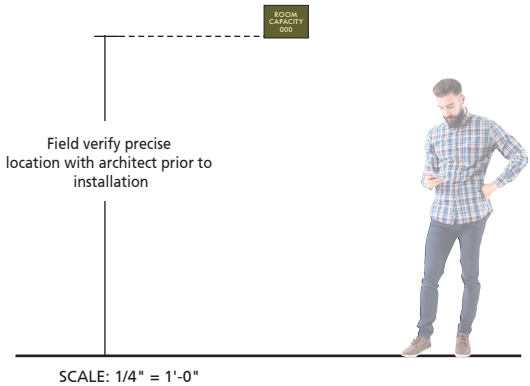
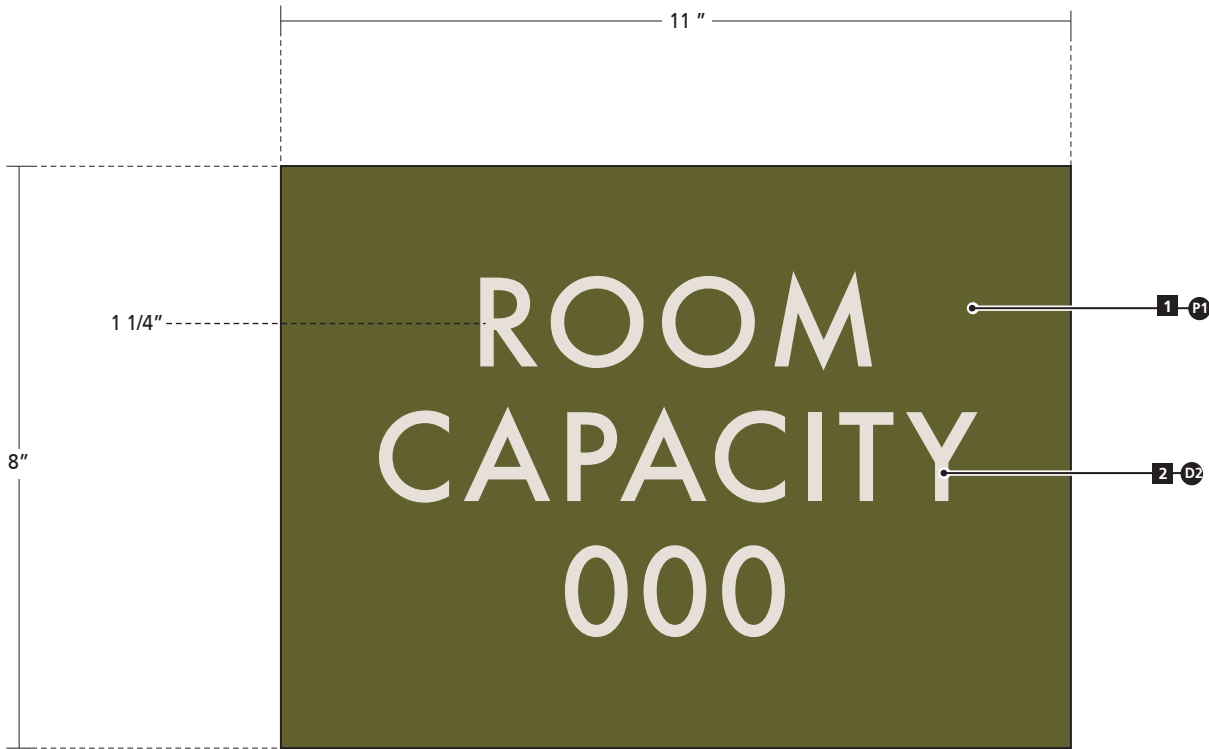
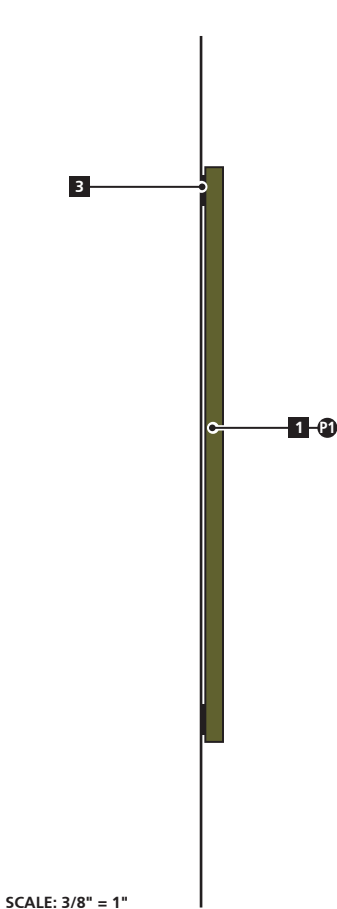
Sign Type A10b.00: Maximum Room Occupancy Sign / Small
Painted acrylic sign panel with direct digital or screen print graphics.

■ **DETAIL / SPECIFICATION KEY**

- 1 1/4" thick painted acrylic sign panel with painted finish
- 2 Direct digital or screen print graphics.
- 3 Appropriate VHB tape and Silicone adhesive.
- 4 Interior wall surface

● **COLOR / FINISH SPECIFICATIONS**

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- D2 Digital print color to match MP02650 (Garbo Silver)

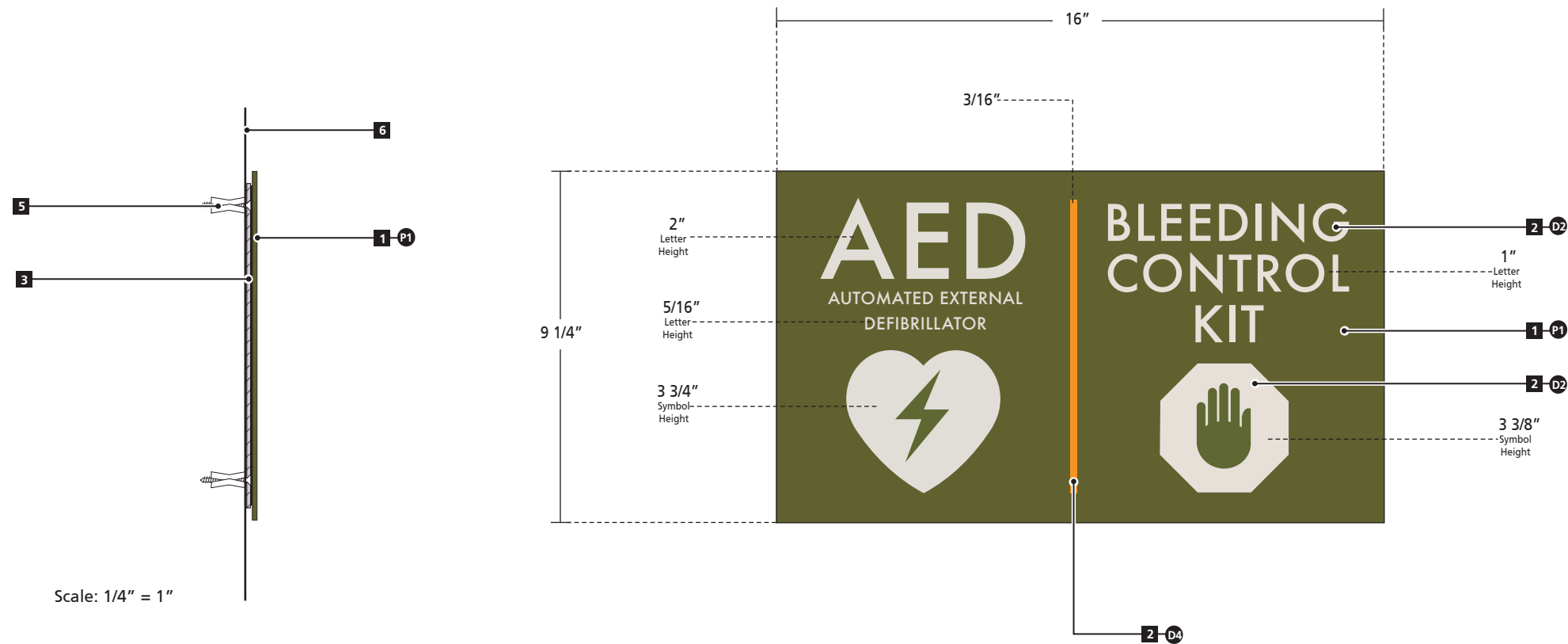


◆ **NOTES**

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign Type A11.00 - Automated External Defibrillator Sign

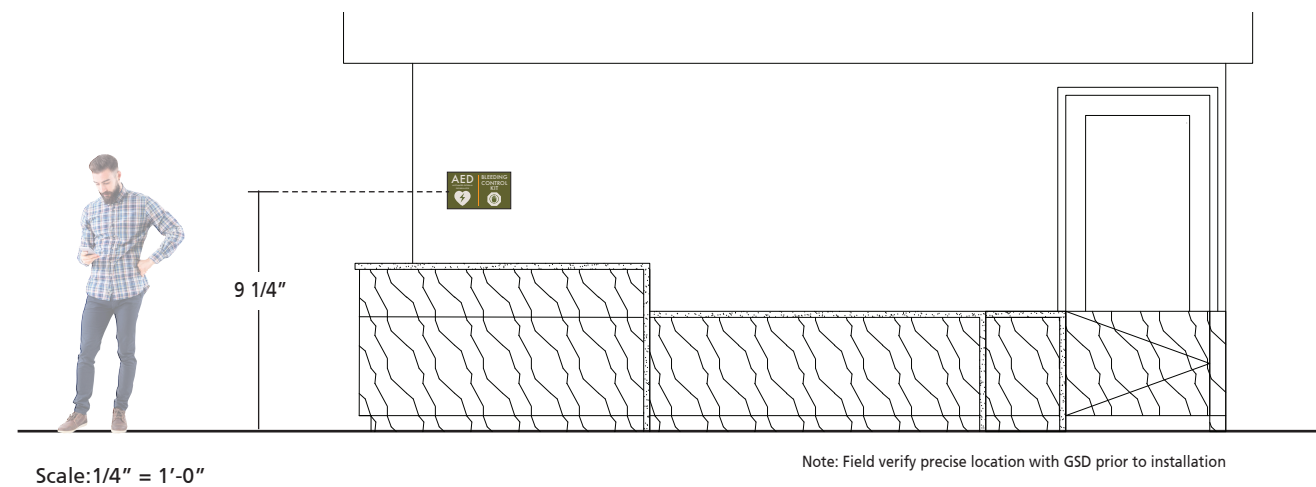
Painted acrylic sign panel with direct digital print or screen printed graphics.

DETAIL / SPECIFICATION KEY

- 1 1/8" thick acrylic sign panel.
- Direct digital print or screen-print graphics.
- 1/8" thick acrylic mounting plate.
- Appropriate, 3M VHB tape along all four edges.
- Non-corrosive counter-sunk screw and appropriate wall anchor.
- Existing interior wall surface

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- D2 Digital print color to match MP02650 (Garbo Silver)
- D4 Digital print color to match MP10190 (Highway Yellow)



NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and Custom Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Sign Type A13.00: Changeable Information Sign / Medium

Multi-layered, non-glare, transparent acrylic sign face with first-surface mask painted border/window, and changeable insert.

DETAIL / SPECIFICATION KEY

- 1

1/4" thick acrylic sign backer with first-surface painted finish.
- 2

1/8" thick non-glare acrylic sign face with first-surface mask painted border/ window
- 3

.060 acrylic separator.
- 4

Edge of 11" x 17" paper insert insert (top load).
- 5

2.3 mil 3M Double Coated Tape 9500PC
- 6

Appropriate VHB tape and Silicone adhesive.
- 7

Appropriate non-corrosive, flathead, countersunk screw and wall anchor.
- 8

12" wide x 17 1/2" high x 1/8" thick painted acrylic back plate.
- 9

Interior wall surface.

COLOR / FINISH SPECIFICATIONS

- P1

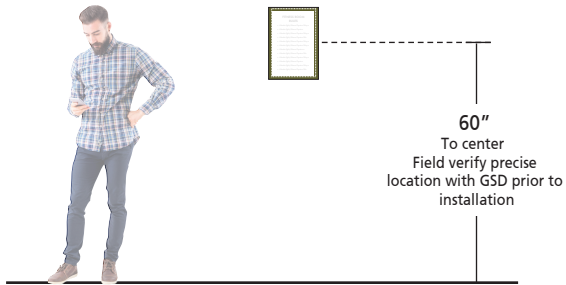
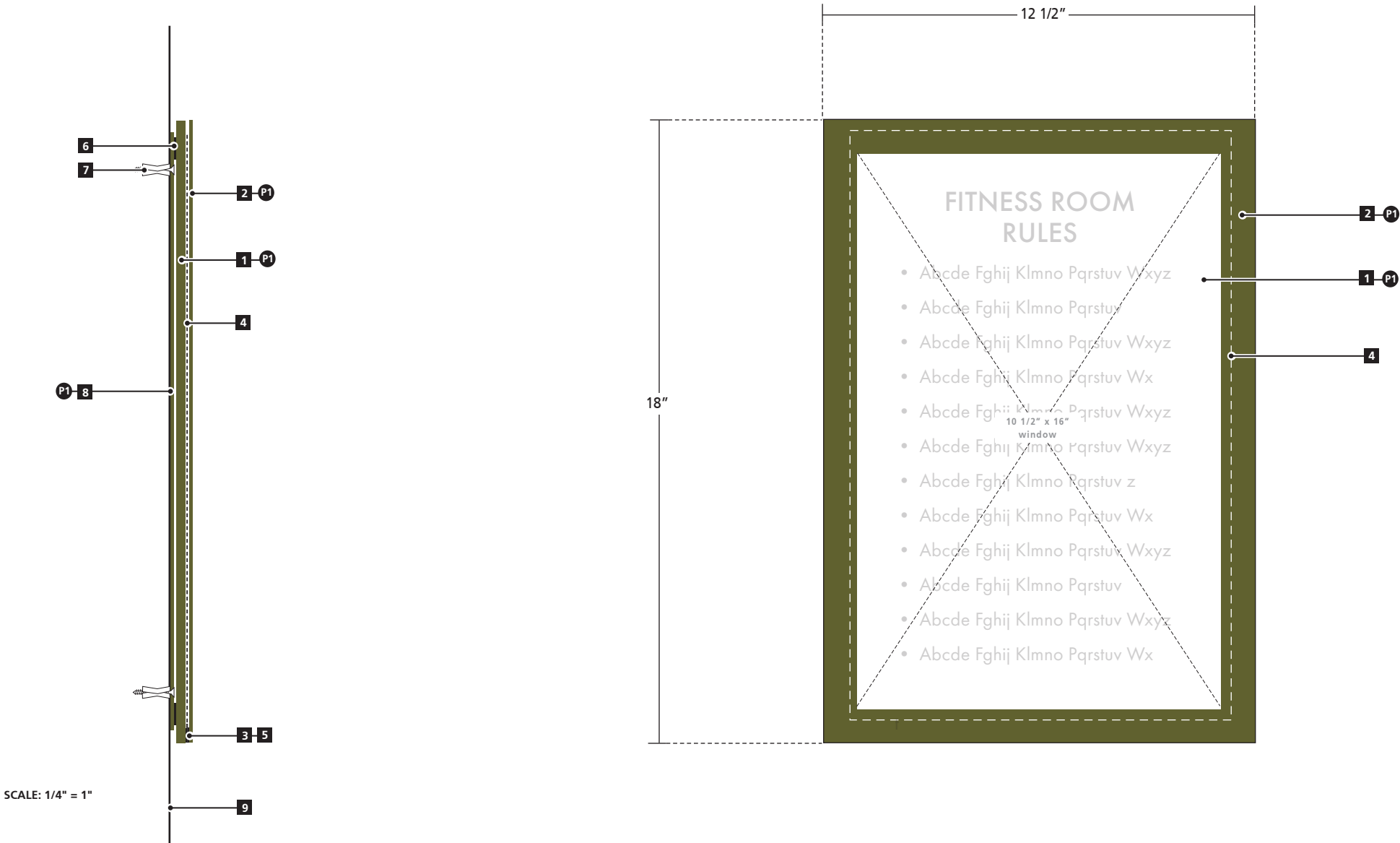
Painted to match Matthews MP15975 (Marinated Olive)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium and AIGA Symbols.

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign Type A15.00: Changeable Information Sign / Desktop

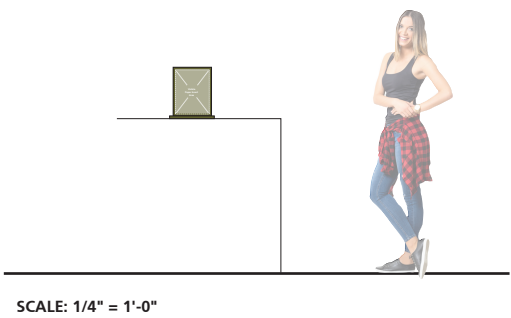
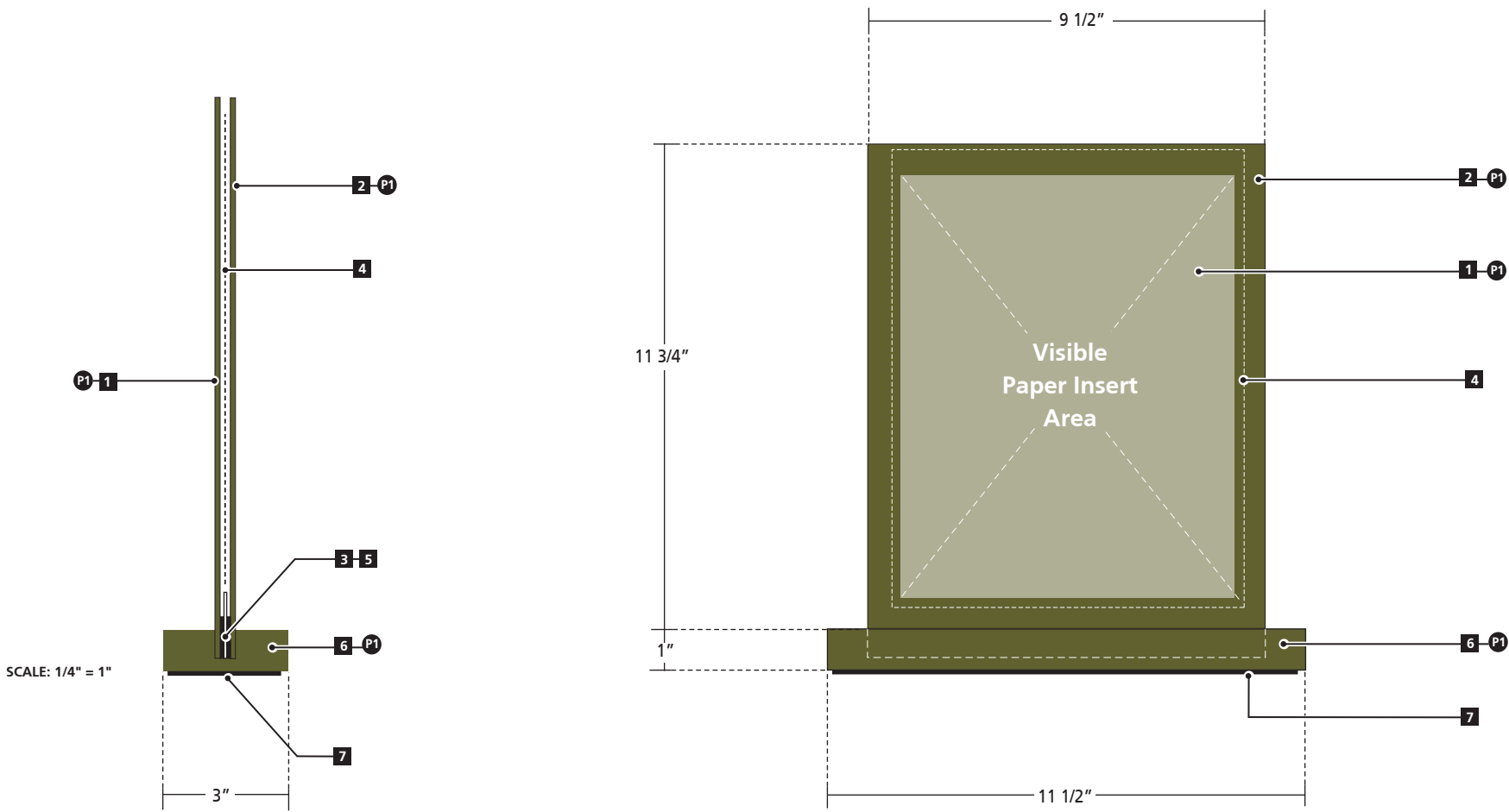
Multi-layered, non-glare, transparent acrylic sign face with first-surface, mask painted border, and fabricated acrylic base

DETAIL / SPECIFICATION KEY

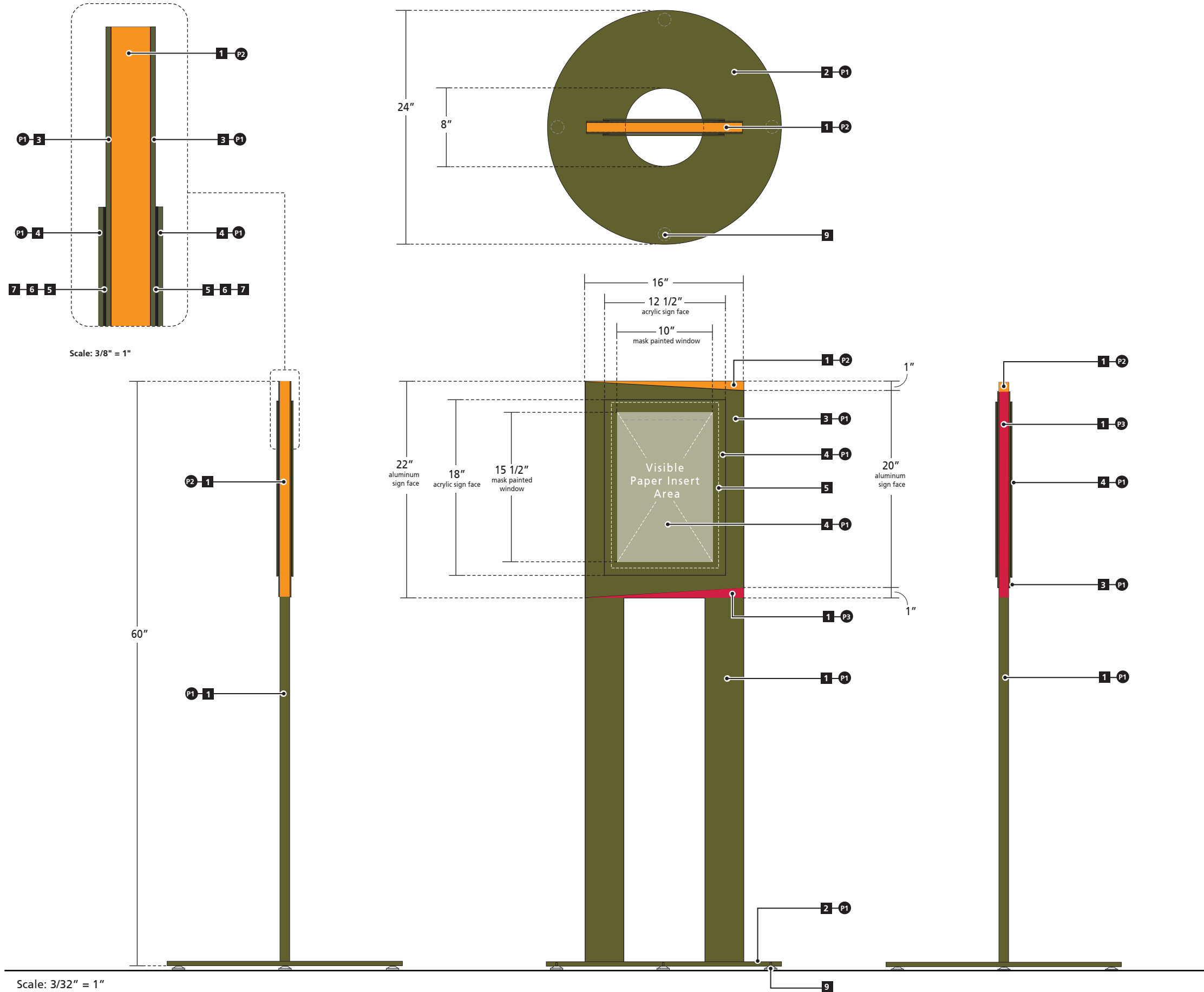
- 1 1/8" thick painted acrylic sign backer. Area behind sign face window to be painted to match sign face color.
- 2 1/8" thick non-glare acrylic sign face with first-surface mask painted border.
- 3 .060 acrylic separator.
- 4 8 1/2" x 11" paper insert (top load).
- 5 2.3 mil 3M Double Coated Tape 9500PC
- 6 1" thick painted acrylic base with machined cavity to accept sign panel and appropriate adhesive.
- 7 Felt base pad.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)



- ◆ NOTES
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 - Sign contractor shall confirm all site dimensions, and adjacent site conditions prior to beginning work.
 - Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium
- SUBMITTALS
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.



Sign Type A16.00: Changeable Information Sign / Stanchion

Two-sided, fabricated aluminum stanchion with multi-layered acrylic sign panel and changeable paper insert.

DETAIL / SPECIFICATION KEY

- 1 1" x 4" welded aluminum tube posts / backer with seamless appearance.
- 2 1/2" thick cut-out, welded aluminum plate base with eased edges.
- 3 1/8" thick, cut-out aluminum plate sign face with eased edges.
- 4 1/8" thick, non-gare, translucent acrylic sign panel with first-surface mask-painted border.
- 5 11" x 17" changeable papert insert by owner.
- 6 .060" thick acrylic seperator.
- 7 2.3 mil 3M Double Coated Tape 9500PC
- 8 Adjustable leveling feet with nylon pad.

COLOR / FINISH SPECIFICATIONS

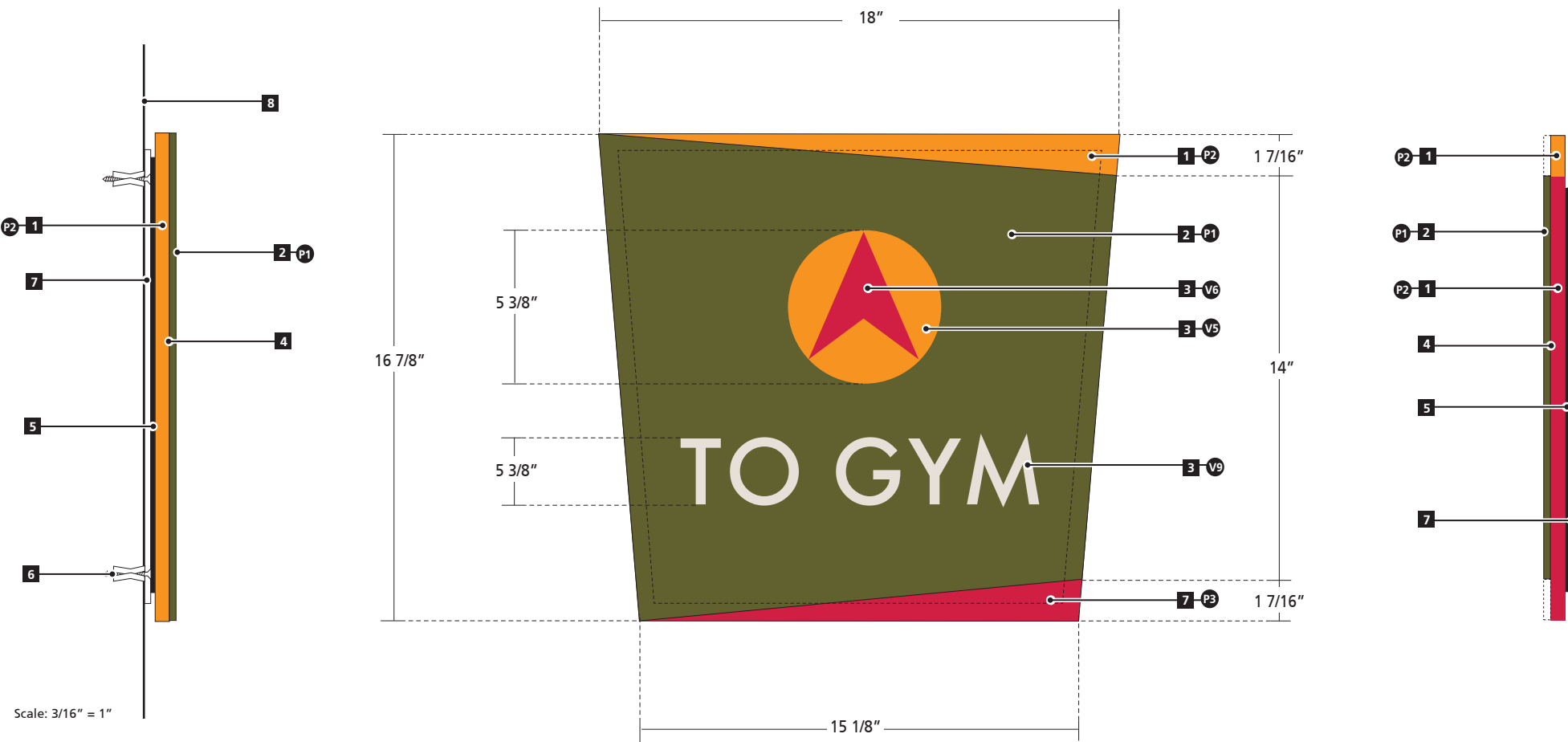
- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)

NOTES

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- Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.



Sign Type A19.00 - Interior Directional Sign

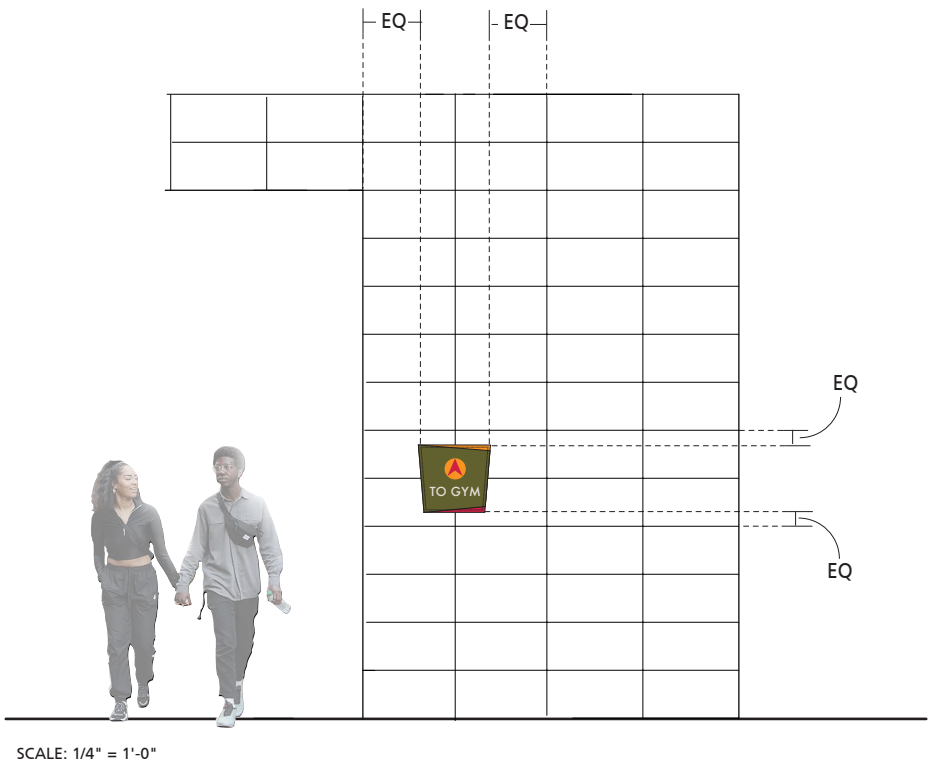
Multi-color painted acrylic sign backer and painted acrylic sign face with applied vinyl graphics.

DETAIL / SPECIFICATION KEY

- 1 1/2" thick acrylic sign backer with first-surface painted finish.
- 1/4" thick acrylic sign face with first-surface painted finish.
- Applied vinyl graphics
- 2.3 mil 3M Double Coated Tape 9500PC
- Appropriate VHB tape and Silicone adhesive.
- Appropriate non-corrosive, flathead, countersunk screw and wall anchor.
- 16" wide x 15 7/8" high x 1/8" thick painted acrylic mounting plate.
- Tile wall surface.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)
- V9 3M Scotchcal vinyl painted to match Matthews MP02650 (Garbo Silver)



- NOTES**
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 - Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium.
- SUBMITTALS**
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.

Sign Type A20.00 - Gym Entrance Identification Sign

Two-sided, waterjet cut aluminum plate ball symbol and aluminum plate triangle with applied vinyl graphics. Sign mounts to wall via custom mounting bracket.

DETAIL / SPECIFICATION KEY

- 1 1" thick, waterjet cut, aluminum plate ball symbol.
- 2 1/8" thick painted aluminum plate triangle sign face adhered to ball symbol via Lords adhesive.
- 3 Applied vinyl graphics.
- 4 1/2" x 1/2" square aluminum rod support arm welded to ball symbol and mounting plate.
- 5 1/4" thick painted aluminum mounting plate.
- 6 1/4" diameter x 3" Stainless Steel lag bolt
- 7 1/4" diameter x 2 1/2" Double Expansion, corrosion resistant wall anchor.*
- 8 CMU block wall surface.

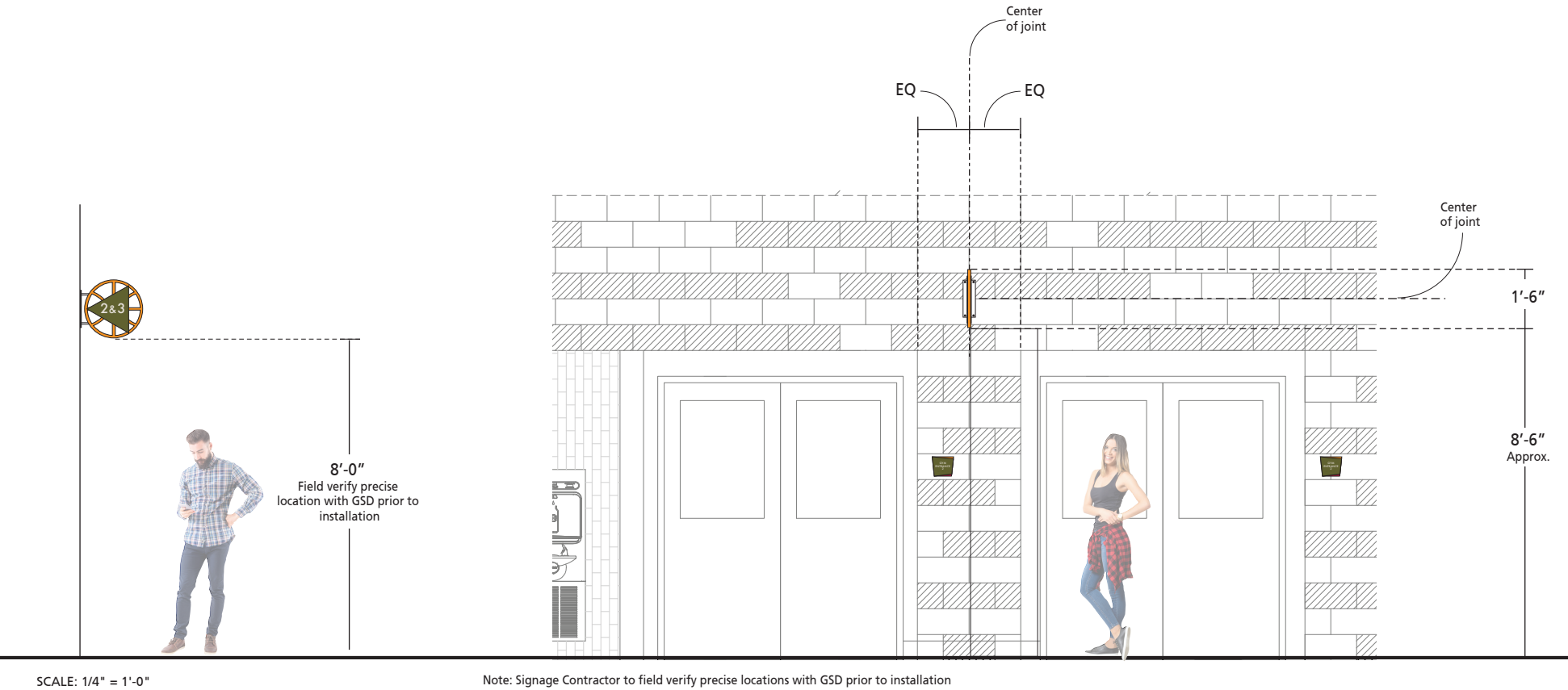
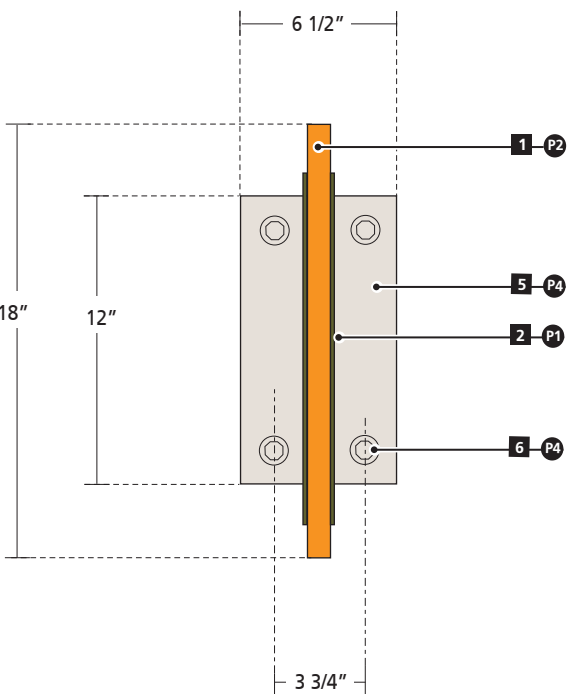
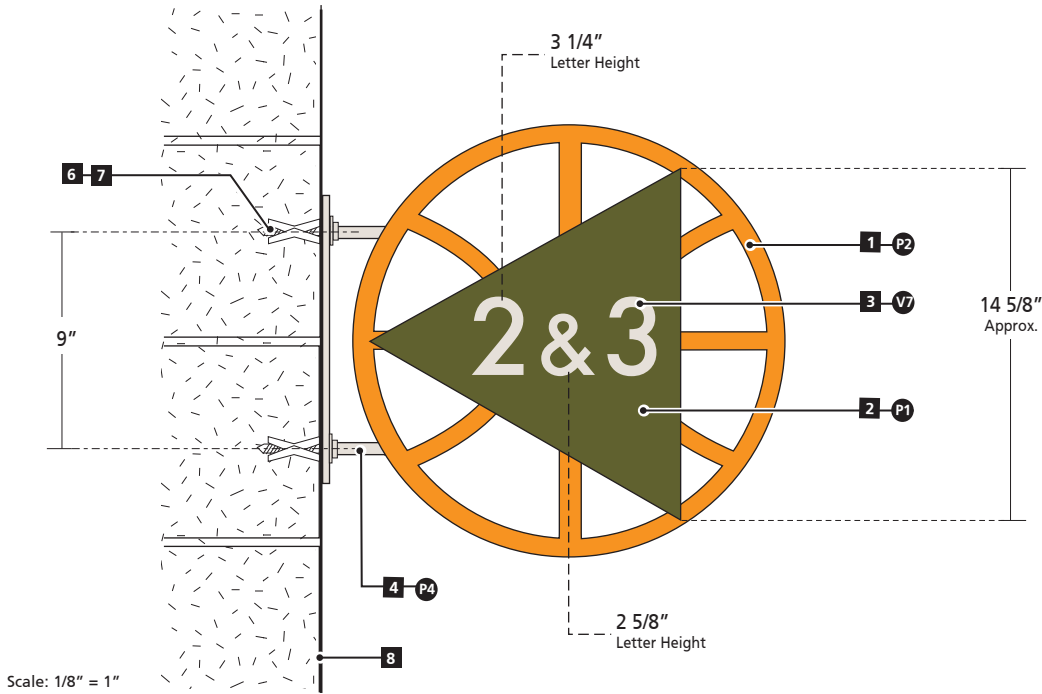
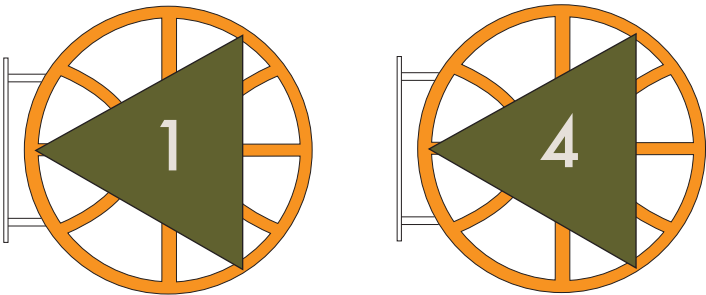
COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)
- P2 Painted to match Matthews MP10190 (Highway Yellow)
- P3 Painted to match Matthews MP10256 (Esprit Red)
- P4 Painted to match Matthews MP02650 (Garbo Silver)
- P6 Painted to match CMU Block - Orco (Shot Blast Grey)
- V5 3M Scotchcal vinyl painted to match Matthews MP10190 (Highway Yellow)
- V6 3M Scotchcal vinyl painted to match Matthews MP10256 (Esprit Red)
- V7 3M Scotchcal vinyl painted to match Matthews MP02650 (Garbo Silver)

NOTES

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 - Sign contractor shall provide all hardware and components necessary for a finished and complete installation.
 - Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
 - Signage contractor to confirm precise location with GSD prior to installation.
 - Typeface: Futura Medium and AIGA Symbols.
- SUBMITTALS**
- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
 - Color/finish samples as noted.
 - Full-size graphic layouts.

Alternate Layouts



Sign Type A21.01 - Gaming Station Identification Sign

Cut-out dimensional acrylic numerals and circles with painted finish, mounted to painted wall surface.

DETAIL / SPECIFICATION KEY

- 1 3/8" thick, cut-out acrylic numerals and circles with painted finish
- 2 Appropriate 3M VHB tape and silicone adhesive.
- 3 Painted wall surface.

COLOR / FINISH SPECIFICATIONS

- P1 Painted to match Matthews MP15975 (Marinated Olive)

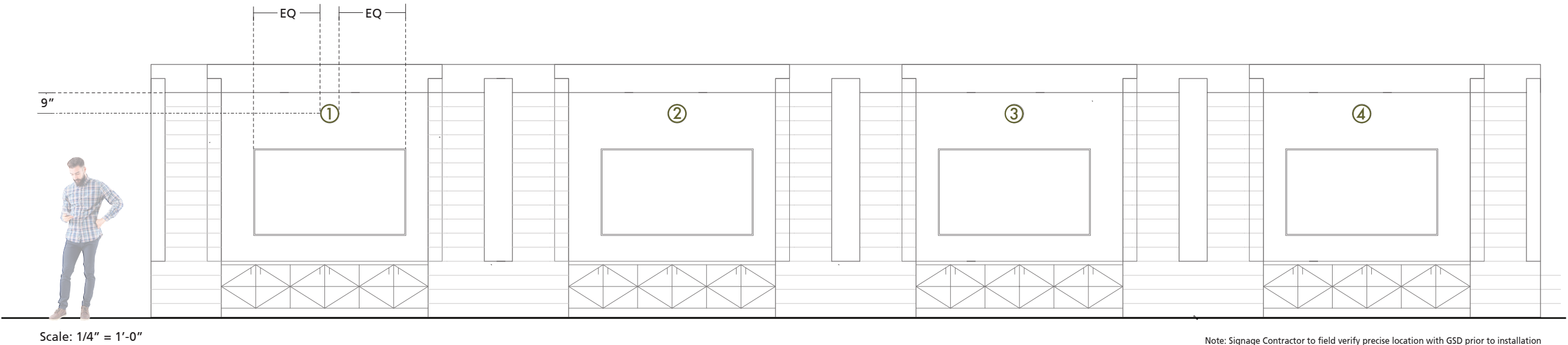
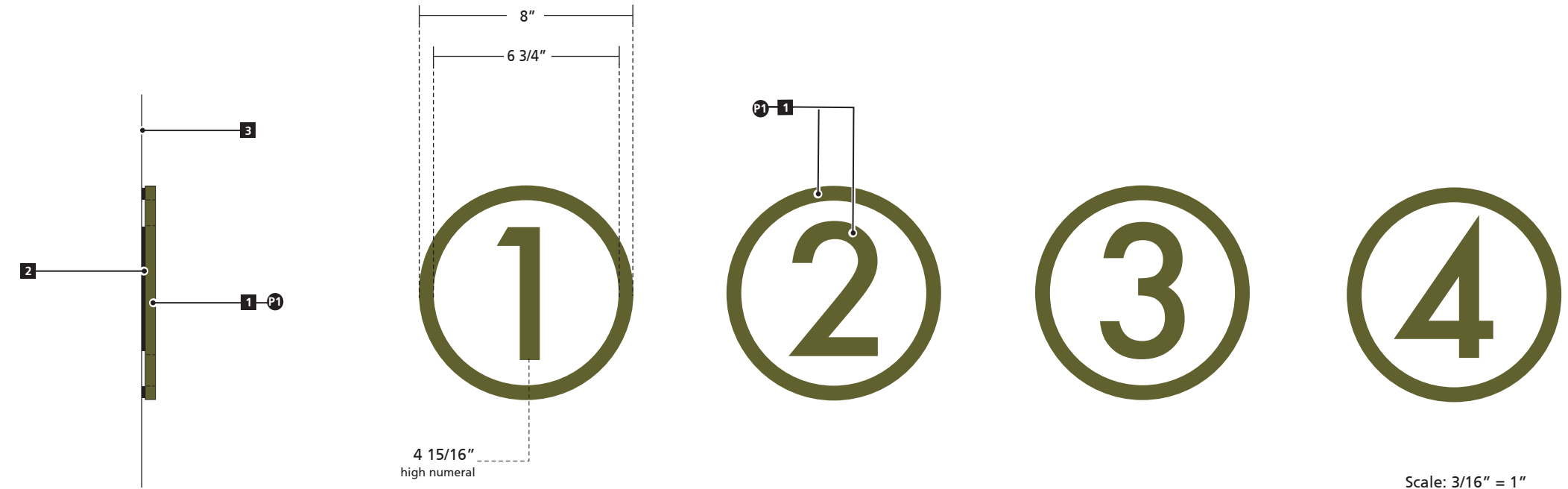
NOTES

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- Size and quantity of all footings and structural elements to be specified by a California licensed engineer.*
- Signage contractor to confirm precise location with GSD prior to installation.
- Typeface: Futura Medium

SUBMITTALS

- Shop drawings indicating fabrication and fastening methods approved by a licensed engineer.
- Color/finish samples as noted.
- Full-size graphic layouts.

Scale: 3/16" = 1"



Futura Medium

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
0 1 2 3 4 5 6 7 8 9

Futura Medium Condensed

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
0 1 2 3 4 5 6 7 8 9

Project Symbols

