



REQUEST FOR QUALIFICATIONS & PROPOSALS  
FOR  
FABRICATION SERVICES  
FOR

MT. LEBANON PARKS & ATHLETIC FIELD  
IDENTIFICATION SIGNAGE

ISSUED: APRIL 10, 2024

MT. LEBANON MUNICIPALITY  
710 WASHINGTON ROAD  
PITTSBURGH, PA 15228

# MT. LEBANON PARKS & ATHLETIC FIELD IDENTIFICATION SIGNAGE

## I. GENERAL DESCRIPTION

The Municipality of Mt. Lebanon requests the submission of proposals for the fabrication of identification signage for their parks and athletic fields.

Mt. Lebanon is located in Allegheny County, Pennsylvania about six miles south of the City of Pittsburgh and is a suburban community of 34,075 people, according to the 2020 census. Housing units consist of approximately 70% single-family residences and 30% multi-family residences. As a largely built-out community Mt. Lebanon must consider the benefits, impacts and opportunities presented by redevelopment and infill development. (*Appendix A*)

The municipality is seeking a company to utilize a design standards package created in collaboration by Kolano Design firm, Municipal Staff, and input from key boards and community groups.

The final proposal shall include pricing for the fabrication of each specific park or field based on the design standard provided (. Mt. Lebanon is looking for a fabrication and delivery cost only, as installation will be performed by in-house crews. The signs should carry a 1-year warranty included by the vendor to cover flaws or degradation related to the construction and fabrication of the signs, but will not include accidental damage, vandalism, or any other outside cause not related to the signage materials and fabrication.

## II. BACKGROUND MATERIALS

The following documents are available in the proposal packet (*Appendix B*) and should be referenced in production and final signage text.

- *Parks & Athletic Fields Style Guide and Signage Design Manual*
- *Mt. Lebanon Municipality Parks and Athletic Fields Message Schedule*

## III. SCOPE OF SERVICES

### a. PURPOSE

The Municipality of Mt. Lebanon desires to identify all parks and athletic fields

through fabrication and installation of streamlines signage, utilizing the style guide and message schedule (*Appendix B*).

**b. PROJECT SCOPE/DUTIES**

The selected vendor will develop a cost estimate to fabricate an identification sign and poles based on the style guide and message schedule text. Vendors are to provide a pricing estimate for ordering individual signs, as well as an estimate to produce all signs on the message schedule as one-time order.

The work of the vendor shall include, but not be limited to, the following:

- i. All needed administrative time to correspond back and forth with Mt. Lebanon on all questions, interpretations, and clarifications of the project, including attachments in *Appendix B*. The vendor is required to present proofs of all signage that will be signed by Mt. Lebanon Municipality and returned to initiate the production process.
- ii. Include up to 3 revisions of the provided proofs based on customer feedback.
- iii. Fabrication of one (1) example park ID sign and one (1) example athletic field ID sign, on an economic material for Mt. Lebanon to review in the field before accepting the proofs provided by the vendor.
- iv. Provide touchup paint for poles in either aerosol or quart can
- v. Provide listing of acceptable cleaners and process for general cleaning maintenance and graffiti removal.
- vi. The vendor is responsible for delivery of all produced signage to the Public Works Complex, located at:  
**1250 Lindendale Dr**  
**Pittsburgh, PA 15228**  
Between the hours of 7:00 a.m.-2:00 p.m. Monday-Friday. All signs are to be unboxed by Mt. Lebanon in the presence of the vendor to accept the condition of the sign(s) and posts.

**IV. PROPOSAL TO BE SUBMITTED**

The proposal shall be organized and submitted with the following elements:

a. Response to Project Scope and Duties

Proposer shall provide an analysis of how they intend to complete each of the items listed in the Project Scope. Additionally, provide a general timeline of design review, production, and delivery of signage as current supply lead times and market trends dictate. This is only intended for Mt. Lebanon to understand the current estimated project duration for communication and planning of installation with their in-house staff and is not intended to hold the vendor to a specific procurement times or dates.

b. Cost Estimate

Proposer shall provide two (2) estimates (*Appendix C – Proposal Pricing Form*):

- i. Costs associated with review, production, and delivery of each park or athletic field sign and post(s) noted on the message schedule (**Itemized Estimate**)
- ii. Costs to produce all signs and posts noted on the message schedule in one order (**Full Inventory Estimate**).

\*Both estimates should incorporate the cost to produce one (1) example park ID sign and one (1) example athletic field ID sign, on an economic material for Mt. Lebanon to review in the field before accepting the proofs provided by the vendor\*

c. Attachments

- i. Proposer shall provide a list of any references or projects that are similar to the scope and work listed in the **Project Scope/Duties** section.

Any questions regarding this Request for Proposals and Qualifications should be submitted to Facilities & Parks Coordinator Phillip Avolio at [pavolio@mtlebanon.org](mailto:pavolio@mtlebanon.org) or 412-343-3859.

Please submit two original copies of the requested information **no later than 11:00 a.m., APRIL 30, 2024**. Proposals shall be submitted in sealed envelopes and delivered to:

Keith McGill  
Municipal Manager  
Mt. Lebanon Municipality  
710 Washington Road  
Pittsburgh, PA 15228

**Digital copies will not be accepted.**

**V. EVALUATION OF PROPOSALS**

Proposals must remain open as an irrevocable offer to provide service as described in the RFP for a period of 90 days after **April 30, 2024**. All fields must be filled out on the Proposal Pricing Form provided in *Appendix C* to be considered a complete proposal.

The final decision regarding this proposal rests with the Mt. Lebanon Commission.

The award decision is expected to be made on or before **May 10, 2024**, but may extend to the end of the 90 day period.

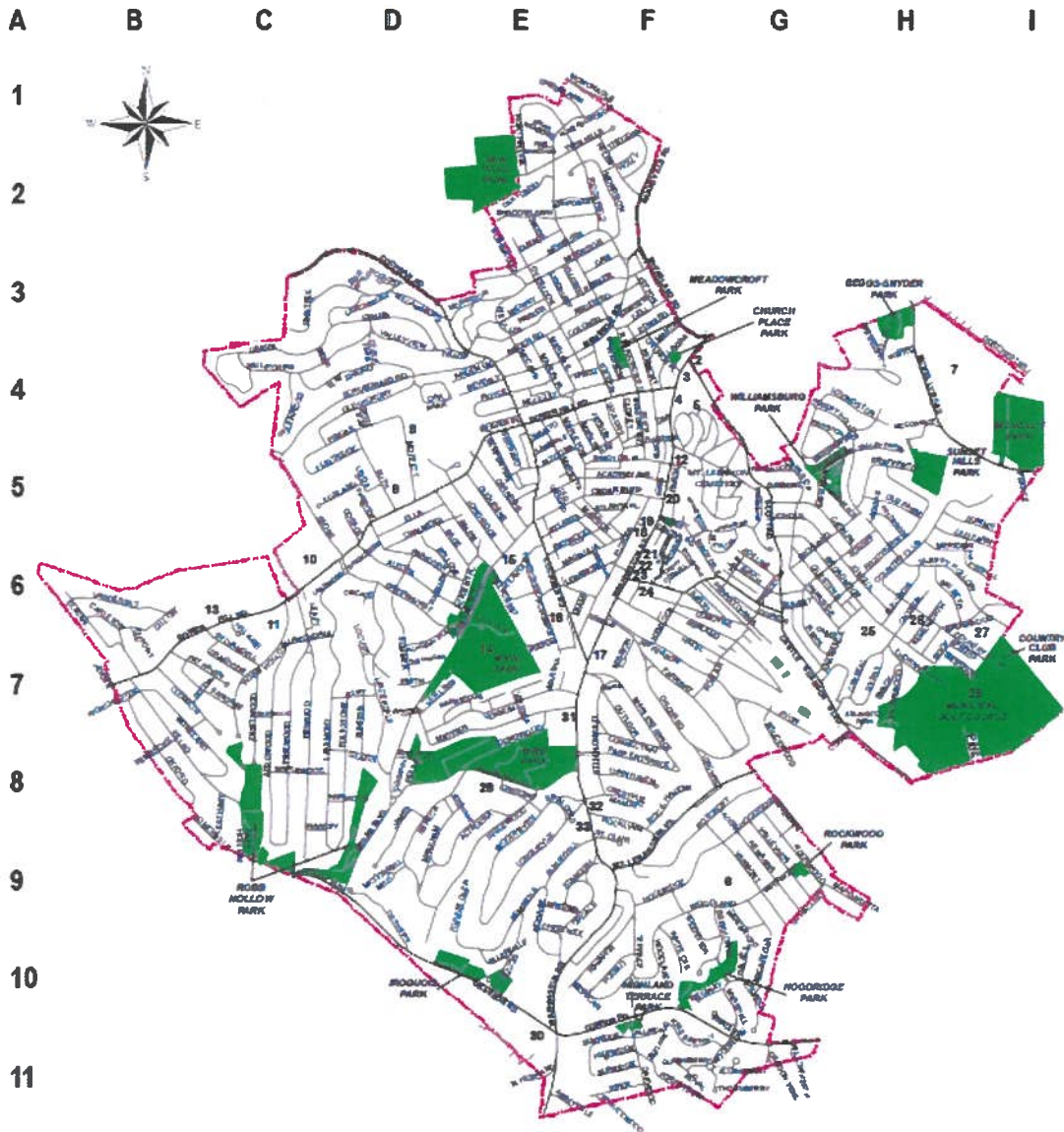
The Municipality may add to, modify, or change the process or any requirements set forth herein at any time in its discretion.

Nothing contained in this RFP will be deemed to (i) create any right (whether property or other) in any party to have a contract awarded or (ii) create or require any standard for award other than what the Municipality deems to be in its best interest. The award of a contract will be made in the discretion of the Municipality and may be made on factors other than cost and on factors that may not appear in this RFP.

Notwithstanding anything to the contrary contained herein, no bidder, whether successful or not, will acquire any legally binding rights against any party including the Municipality unless and until the bidder and the Municipality formally execute an agreement that is satisfactory to the Municipality, in its discretion. The submission of a bid, including the execution of the agreement that is part of this package, will not guarantee a contract award, nor will it guarantee that the Municipality will not request modifications or deletion of terms before entering into the contract. The Municipality reserves the right to reject any or all proposals, and the right at its discretion to accept the proposal the Municipality deems to be most favorable to its interests.

# APPENDIX A: MAP OF MUNICIPAL PARKS AND RECREATION AREAS

## MT. LEBANON, PENNSYLVANIA



- |                                          |                                     |                                                 |
|------------------------------------------|-------------------------------------|-------------------------------------------------|
| 1 LINCOLN ELEMENTARY SCHOOL              | 13 TEMPLE EMANUEL                   | 25 HOWE ELEMENTARY SCHOOL                       |
| 2 MT. LEBANON UNITED METHODIST           | 14 RECREATION CENTER                | 26 SUNSET HILLS PRESBYTERIAN CHURCH             |
| 3 MT. LEBANON UNITED PRESBYTERIAN CHURCH | 15 MT. LEBANON CHRISTIAN CHURCH     | 27 ST. WINIFRED'S CHURCH                        |
| 4 ST. BERNARD CHURCH                     | 16 MT. LEBANON HIGH SCHOOL          | 28 MUNICIPAL GOLF COURSE                        |
| 5 ST. BERNARD SCHOOL                     | 17 MT. LEBANON UNITED LUTHERAN      | 29 MARKHAM ELEMENTARY SCHOOL                    |
| 6 FOSTER ELEMENTARY SCHOOL               | 18 PUBLIC PARKING GARAGE            | 30 HOLY CROSS ORTHODOX CHURCH                   |
| 7 SETON-LA SALLE HIGH SCHOOL             | 19 MUNICIPAL BUILDING               | 31 ST. PAUL'S EPISCOPAL CHURCH                  |
| 8 BOWER HILL COMMUNITY CHURCH            | 20 PUBLIC PARKING GARAGE            | 32 BEVERLY HEIGHTS PRESBYTERIAN CHURCH          |
| 9 JEFFERSON ELEMENTARY AND MIDDLE SCHOOL | 21 WASHINGTON ELEMENTARY SCHOOL     | 33 UNITARIAN UNIVERSALIST CHURCH OF SOUTH HILLS |
| 10 ST. CLAIR HOSPITAL                    | 22 MELLON MIDDLE SCHOOL             |                                                 |
| 11 HOOVER ELEMENTARY SCHOOL              | 23 SOUTHMINSTER PRESBYTERIAN CHURCH |                                                 |
| 12 PUBLIC SAFETY BUILDING                | 24 PUBLIC LIBRARY                   |                                                 |

**APPENDIX B:**

- **Parks and Athletic Fields Style Guide and Signage Design Manual**
- **Mt. Lebanon Municipality Parks and Athletic Fields Message Schedule**



**MT. LEBANON**  
**P E N N S Y L V A N I A**

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**Field and Parks Signage Manual**

February 16, 2024





**M.T. LEBANON**  
P E N N S Y L V A N I A

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Recreation Field ID Signs & Details..... 2.01 - 2.07



M.T. LEBANON  
PENNEY LEVANIA

Font for Sign Text and Numerals

Logo Font

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890

Futura Book

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890

TRAJAN PRO REGULAR

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890

Futura Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
ABCDEFGHIJKLMNOPQRSTUVWXYZ  
1234567890

TRAJAN PRO BOLD

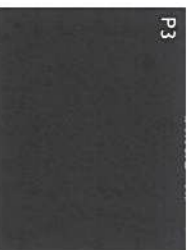
Final Colors:



P1  
Overall Sign Face Color  
PMS 5605 C - Sign Coloration Portrayed  
PAINT: Akzo Nobel Grip Guard 451 H2



P2  
Sign Post Color  
PMS 7533 C - Sign Coloration Portrayed  
PAINT: Akzo Nobel Grip Guard 415 H1



P3  
Sign Post Base Color (at ground level)  
PMS BLACK 4C - Sign Coloration Portrayed  
PAINT: Akzo Nobel Grip Guard 492 H6



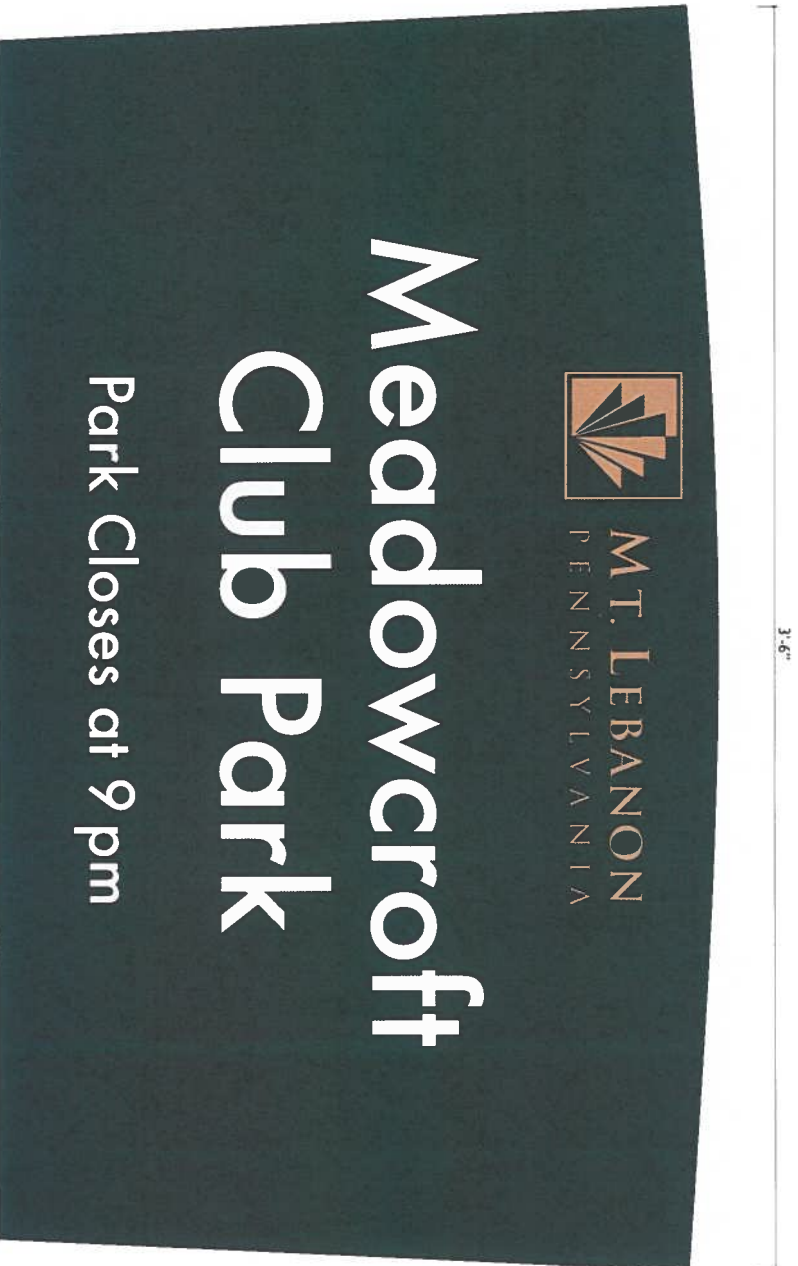
Logo Color  
Matthews Paints: MP30584  
Powder Gold Metallic



Reflective Vinyl Color  
3M Reflective Vinyl #660-10, PMS 420C  
Or Equal

July 24, 2023

PRIMARY PARK ENTRANCE ID SIGN



Park ID - Keystone Shape with Gold Horizontal Logo & White Graphics  
 Size: 2'-0"H x 3'-6"W, SF: 7 SF (per side)  
 Font: Trajan Pro Bold & Futura Medium,  
 Upper/Lowercase  
 Text Height: 3 1/2", Readable from 175'

**GENERAL NOTE**  
 THESE DIMENSIONS PROVIDE GENERAL INTENT ONLY.  
 The Contractor shall be responsible for approval of design of the sign and the design of the electrical structure and other systems. The Structural Steel Erection Plan shall be submitted for Owner approval and must be signed and sealed by a PE Licensed engineer. The Sign Contractor/Manufacturer/Installer shall be responsible for providing the sign with the correct materials, finishes, colors, and other details. The Contractor shall be responsible for providing the sign with the correct materials, finishes, colors and other details when manufacturing the sign including all graphics, related items and inspections.



PARK ENTRANCE ID SIGN (Post and Panel)

- Sign Panel**
- 125 gauge (1/8") aluminum.
  - Provide 1/4" radius on all corners.
  - Apply printed vinyl logomark and reflective white vinyl to sign faces.
  - Paint P1: PMS 5605C, Akzo Nobel Grip Guard 451 H2.

- Graphics**
- Graphics to be reflective white vinyl and screen printed logomark on opaque vinyl.
  - Owner to provide Logo in eps format to Sign Vendor.
  - Font: all text to be Futura Medium.
  - All graphics (logo mark and text) to be centered on sign face.
  - Apply vinyl to 1st surface of sign faces.
  - Provide UV stable inks for exterior use.
  - Provide an anti-graffiti lamination in high traffic areas.

- Square Post Mounting**
- 2" x 2" architectural square post.
  - Provide cap on top of post; grind welds smooth.
  - Provide 3/8" DIA adhesive key holes to aid in attachment to sign face. Sign vendor to determine location and number of holes required. Typically 3" spacing, minimum 3 holes per sign.
  - Attach sign face to U-Line H-5516 (10TH Post), or similar via vandal-proof blind stud anchor bolts and/or Lord 406 Acrylic Adhesive.
  - Installer and client to determine if footers are required or post is submerged in ground 2" (or other).
  - Part #DS-HR-238-7, or equal.
  - Paint P2: PMS 7533C, Akzo Nobel Grip Guard 415 H1.
  - Paint bottom 1'-0" of post black, PMS Black 4C, Akzo Nobel Grip Guard 492 H6.
  - Attach post to Breakout Square Post Coupler or mounting plate, see detail.

- Foundation (if required)**
- Sign vendor to provide adequate foundation to support sign.
  - Footer dimensions to be determined by Sign Vendor.
  - Provide adequate footer to support sign.
  - Install deep enough to prevent heaving due to freeze-thaw cycle.

July 24, 2023

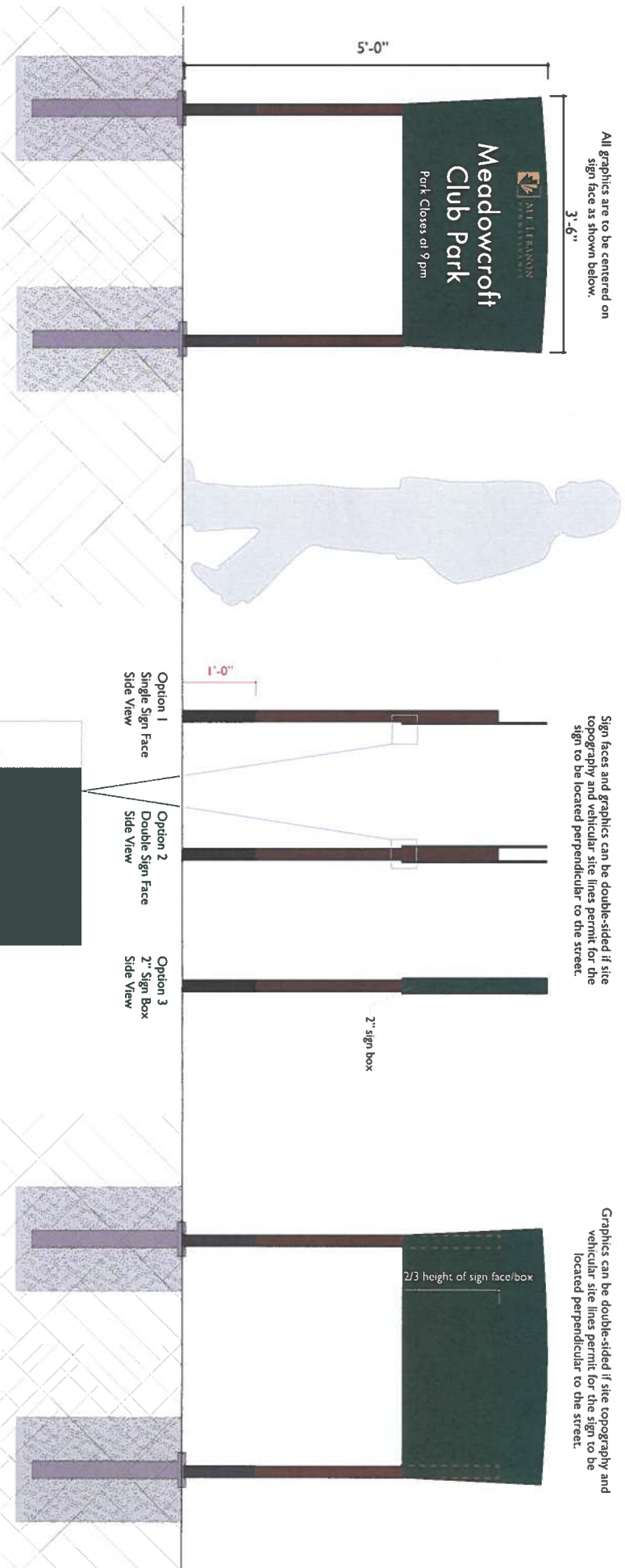


**PRIMARY PARK ENTRANCE ID SIGN: Post and Panel Installation Methods**

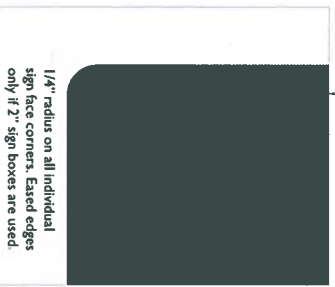
All graphics are to be centered on sign face as shown below.  
3'-6"

Sign faces and graphics can be double-sided if site topography and vehicular site lines permit for the sign to be located perpendicular to the street.

Graphics can be double-sided if site topography and vehicular site lines permit for the sign to be located perpendicular to the street.



**Park ID - Keystone Shape with Gold Horizontal Logo & White Graphics**  
Mounting Method: Post and Panel  
Size: 2'-0" H x 3'-6" W  
5'-0" H to Top of Sign



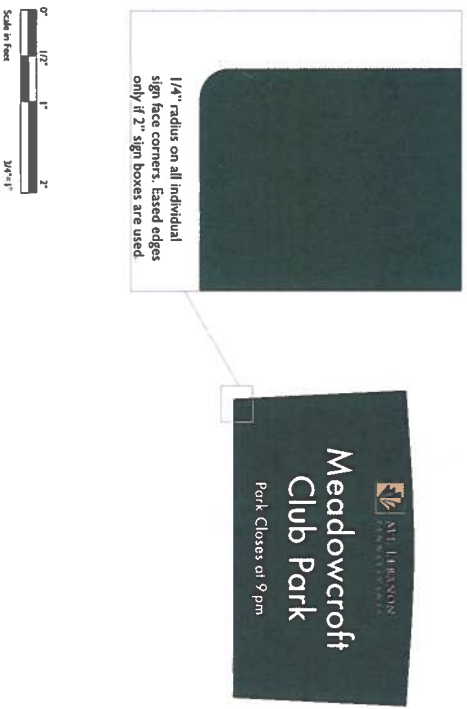
**Park ID - Back Side**  
Mounting Method: Post and Panel  
Size: 2'-0" H x 3'-6" W  
5'-0" H to Top of Sign

**GENERAL NOTE**  
THREE DIMENSIONS PROVIDED EXCEPT INTENT ONLY.  
The Sign Contractor/Manufacturer/Installer and not M.T. Lebanon, shall be responsible for structural design of the sign and the integrity of the individual structural and other systems. The Structural and Electrical Plans shall be submitted for Owner approval and must be signed and sealed by a Professional Engineer. The Sign Contractor/Manufacturer/Installer shall provide all materials and labor for the sign. The Sign Contractor/Manufacturer/Installer shall provide all materials and labor for the sign. The Sign Contractor/Manufacturer/Installer shall provide all materials and labor for the sign. The Sign Contractor/Manufacturer/Installer shall provide all materials and labor for the sign.

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**PRIMARY PARK ENTRANCE ID SIGN  
FABRICATION AND MOUNTING  
DETAIL OPTIONS**

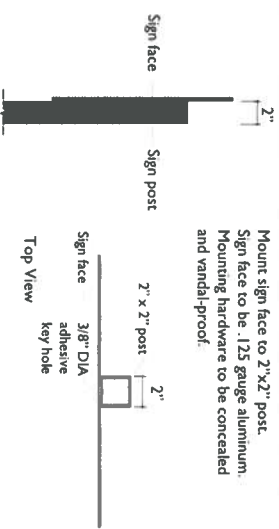
Individual Sign Face Panel - Corner Detail



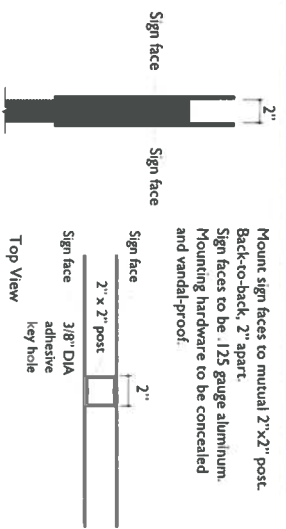
**GENERAL NOTE**  
THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.  
The Sign Contractor/Manufacturer/Installer and not M.T. Lebanon Design Inc., shall be responsible for structural design of the sign and the integrity of the electrical, structural and other systems. The Structural and Electrical Plans shall be submitted for approval by the appropriate authority. The Sign Contractor/Manufacturer/Installer shall be responsible for obtaining all local, state and federal permits, including all necessary permits, related fees and inspection.



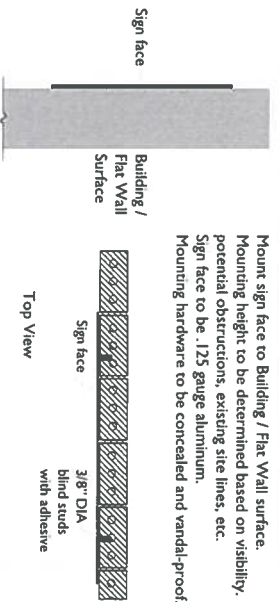
**1A. Single Sided Sign Face on Post**



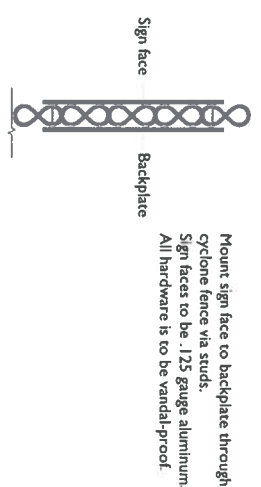
**2A. Double Sided Sign Faces on Post**



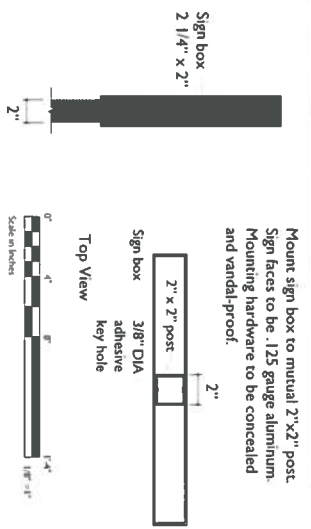
**1B. Single Sided Sign Face on Building / Flat Wall Surface**



**2B. Double Sided Sign on Cyclone Fencing**

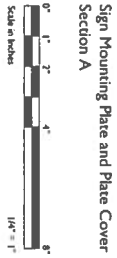
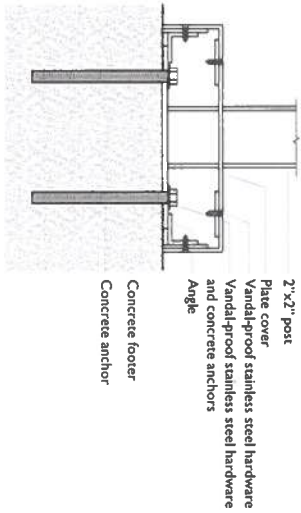
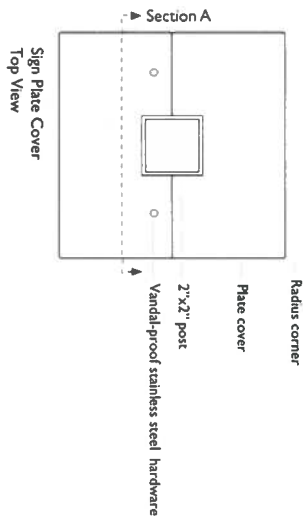
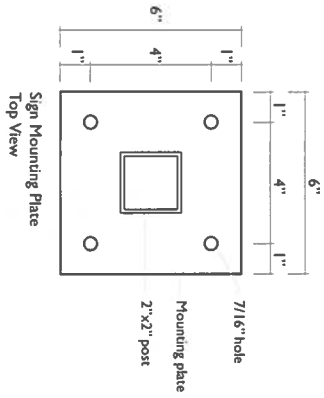


**3. Double Sided Sign Box on Post**



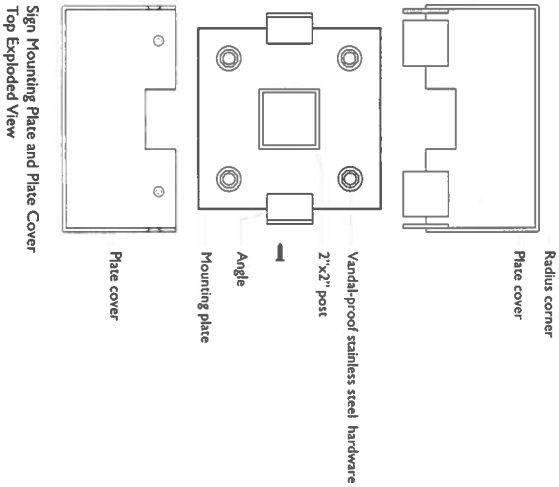
July 24, 2023

## PRIMARY PARK ENTRANCE ID SIGN INSTALLATION AND MOUNTING DETAILS



### GENERAL NOTE

THESE DRAWINGS PROVIDE DESIGN INTENT ONLY. The contractor shall determine the appropriate materials and methods for installation. The contractor shall be responsible for approval of the sign and the integrity of the electrical, structural, and other systems. The contractor shall ensure that the sign is installed in accordance with the manufacturer's instructions. The contractor shall be responsible for the sign's performance, including but not limited to, weathering, vandalism, and other factors. The contractor shall be responsible for the sign's appearance, including but not limited to, color, finish, and other factors. The contractor shall be responsible for the sign's safety, including but not limited to, secure fastening and proper installation.



Sign Mounting Plate and Plate Cover  
Top Exploded View

### Standard Post with Sign Mounting Plate and Cover

#### Foundation

- Sign Contractor to determine and provide appropriate concrete foundation. Sign post is to be anchored into earth, asphalt, sidewalk and other surfaces in such a way that the sign will remain 100% vertical.
- All concrete, rebar, etc. to be buried below grade.
- Only Mounting Plate and Plate Cover to be visible above ground.

#### Mounting Plate

- 6" x 6" x 3/16" aluminum plate. Drill four (4) holes to receive concrete anchors.

#### 2" x 2" Post

- Weld to center of Mounting Plate.

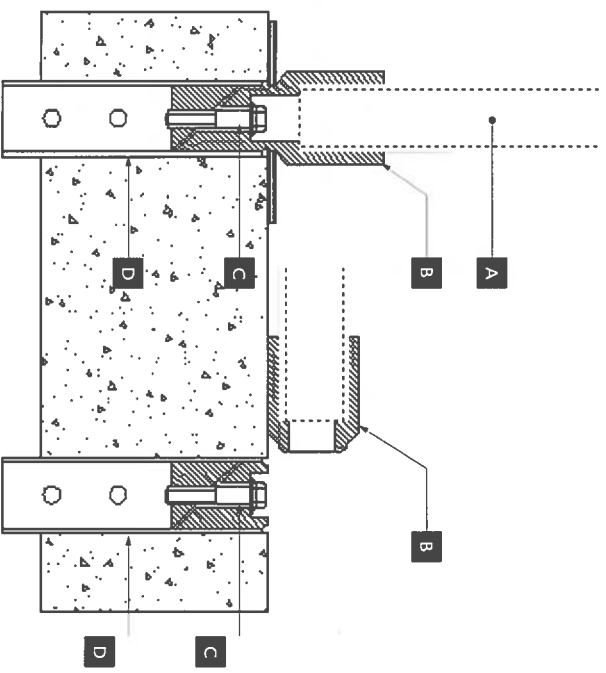
#### Plate Cover

- Two piece box to cover Mounting Plate.
- 1/8" thick aluminum construction.
- Attach to Mounting Plate with temper resistant stainless steel counter sunk hardware and angles. Weld angles to Mounting Plate.
- Paint Black, GG 492-H6

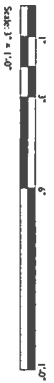
July 24, 2023



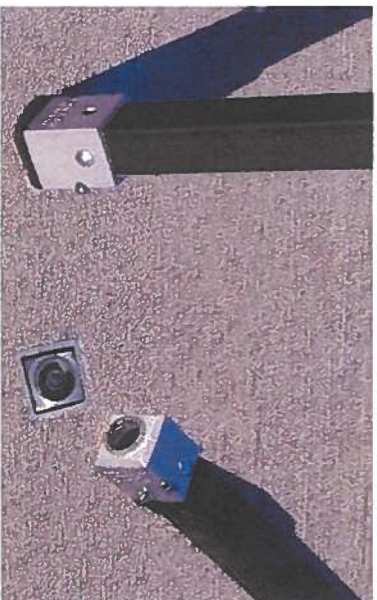
## PRIMARY PARK ENTRANCE ID SIGN INSTALLATION AND MOUNTING DETAILS



Sign Post + Product Assembly - Pre Impact      Sign Post + Product Assembly - After Impact  
Detail - BREAKOUT • Square Post Coupler



**GENERAL NOTE**  
THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.  
The Sign Contractor/Manufacturer/Installer and/or Fabricator, Inc., shall be responsible for structural design of the sign and the integrity of the electrical, structural and other systems. The structural and electrical plans shall be submitted for Owner approval and must be signed and sealed by a PE licensed engineer. The Sign Contractor/Manufacturer/Installer shall be responsible for the sign's performance under all conditions of use, including, but not limited to, wind, rain, snow, ice, and other conditions when manufacturing the sign, including all permits, stand fees and inspections.

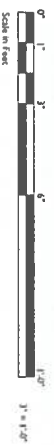
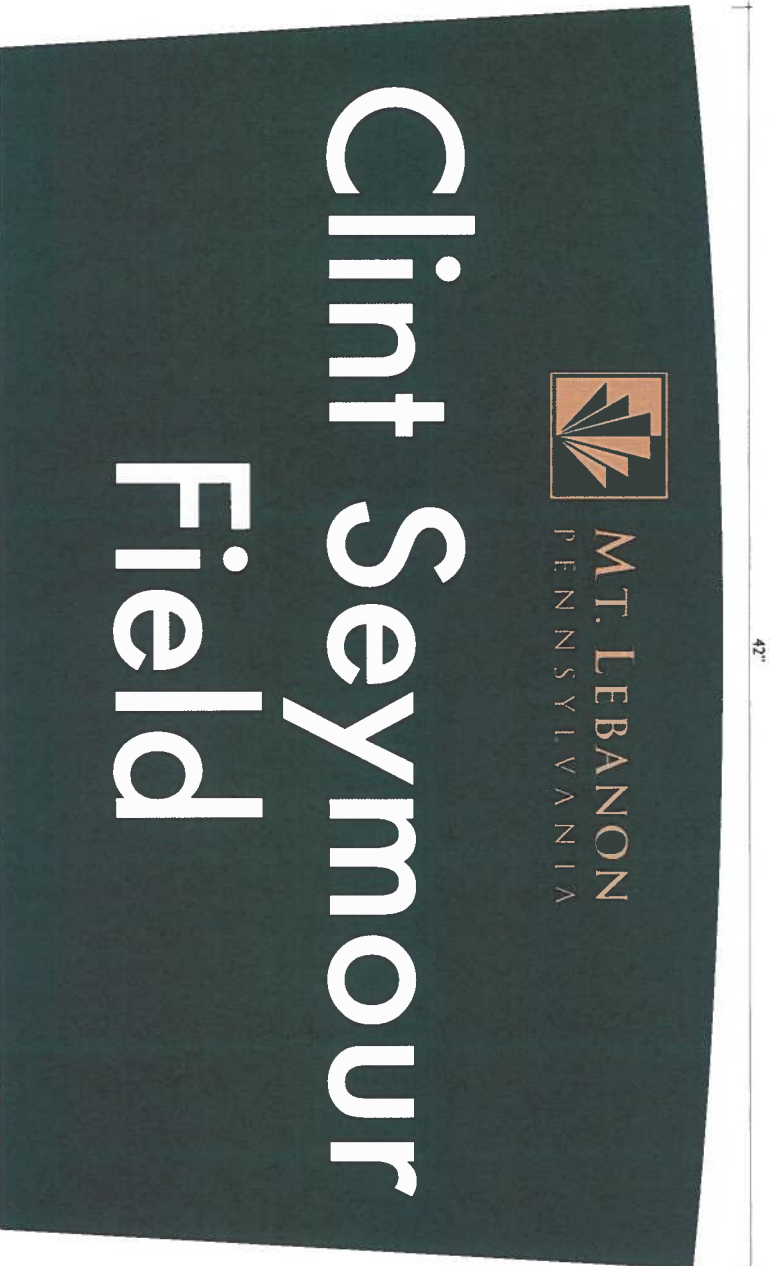


Product Reference Image

- Foundation**
- Sign Contractor to determine and provide appropriate concrete foundation. Sign post is to be anchored into earth, asphalt, sidewalk and other surfaces in such a way that the sign will remain 100% vertical.
  - All concrete, rebar, etc. to be buried below grade.
  - Only Mounting Plate and Plate Cover to be visible above ground.
- Sign Mounting Plate and Cover**
- A** 2" x 2" Post
    - Weld to center of Mounting Plate.
  - B** BREAKOUT Square Post Coupler
    - Use appropriate Sq. Coupler for 2" tube.
    - Paint Black, GGG 492-H6
  - C** Center Bolt
    - Part #B1 - Typical. Secures Square Post Coupler to Anchor.
  - D** Anchor
    - Use appropriate BREAKOUT Anchor per Ground Conditions (ie. concrete, asphalt or soil).

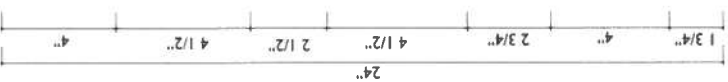
July 24, 2023

**RECREATIONAL FIELD ID SIGN PRIMARY**



**THESE DRAWINGS INCLUDE DESIGN INTENT ONLY.**  
The Client, Contractor, Fabricator and Sign Vendor being held responsible for structural design of the sign and the integrity of the structural, electrical and other systems. The Structural and Electrical Plans shall be submitted for Owner approval and shall be signed and sealed by a PE licensed engineer. The Sign Contractor/Manufacturer shall be responsible for the sign design and fabrication. The Sign Contractor/Manufacturer shall be responsible for the sign installation. The sign including all permits, related fees and inspection.

**Field ID - Keystone Shape with Gold Horizontal Logo & White Text**  
**Size: 2'-0" H x 3'-6" W, SF: 7 SF**  
**Font: Futura Medium, Upper/Lowercase**  
**Text Height: 4 1/2"**, Readable from 225'  
 Text heights can be larger or smaller dependent on name length.



**FIELD ID SIGN PRIMARY**

- Sign Panel**
- .125 gauge (1/8") aluminum.
  - Provide 1/4" radius on all corners.
  - Apply printed vinyl logomark and reflective white vinyl to sign faces.
  - Paint P1: PMS 5605C, Akzo Nobel Grip Guard 451 H2.
- Graphics**
- Graphics to be reflective white vinyl and screen printed logomark on opaque vinyl.
  - Owner to provide Logo in eps format to Sign Vendor.
  - Font: all text to be Futura Medium.
  - All graphics (logo mark and text) to be centered on sign face
  - Apply vinyl to 1st surface of sign faces.
  - Provide UV stable inks for exterior use.
  - Provide an anti-graffiti lamination in high traffic areas.
- Square Post Mounting**
- 2" x 2" architectural square post.
  - Provide cap on top of post, grind welds smooth.
  - Provide 3/8" DIA adhesive key holes to aid in attachment to sign face. Sign vendor to determine location and number of holes required. Typically 3" spacing, minimum 3 holes per sign.
  - Attach sign face to U-Line H-5516 (10'H Post), or similar, via vandal-proof blind stud anchor bolts and/or Lord 406 Acrylic Adhesive.
  - Installer and client to determine if footers are required or post is submerged in ground 2" (or other).
  - Part #D5-1HR-238-7, or equal.
  - Paint P2: PMS 7533C, Akzo Nobel Grip Guard 415 H1.
  - Paint bottom 1'-0" of post black, PMS Black 4C, Akzo Nobel Grip Guard 492 H6.
  - Attach post to Breakout Square Post Coupler or mounting plate, see detail.
- Foundation (if required)**
- Sign vendor to provide adequate foundation to support sign.
  - Footer dimensions to be determined by Sign Vendor.
  - Provide adequate footer to support sign.
  - Install deep enough to prevent heaving due to freeze-thaw cycle.

February 16, 2024

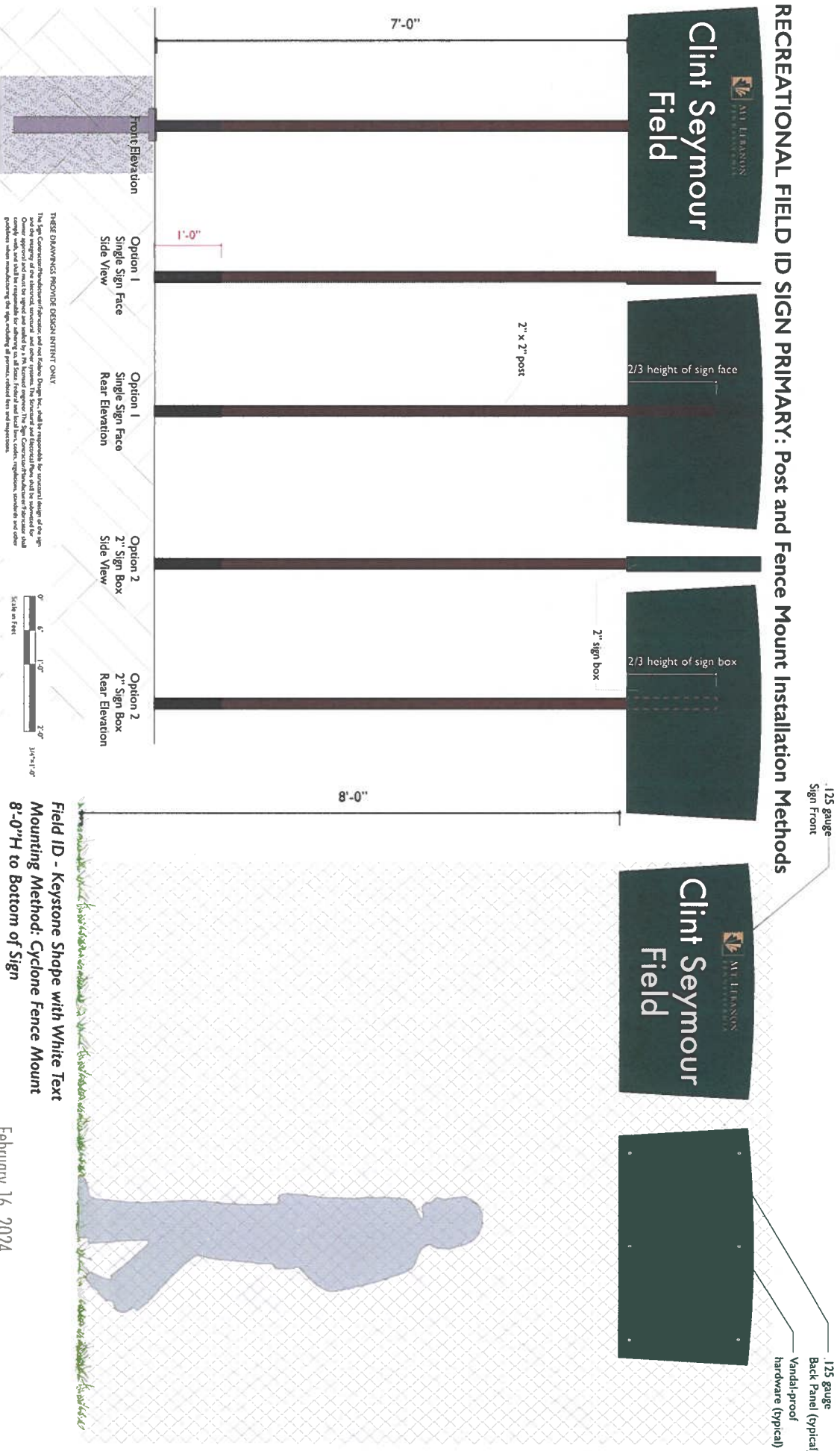




**M.T. LEBANON**  
P E N N S Y L V A N I A

Recreation Field ID Sign Primary: Post & Fence Mount Installation Methods

**RECREATIONAL FIELD ID SIGN PRIMARY: Post and Fence Mount Installation Methods**

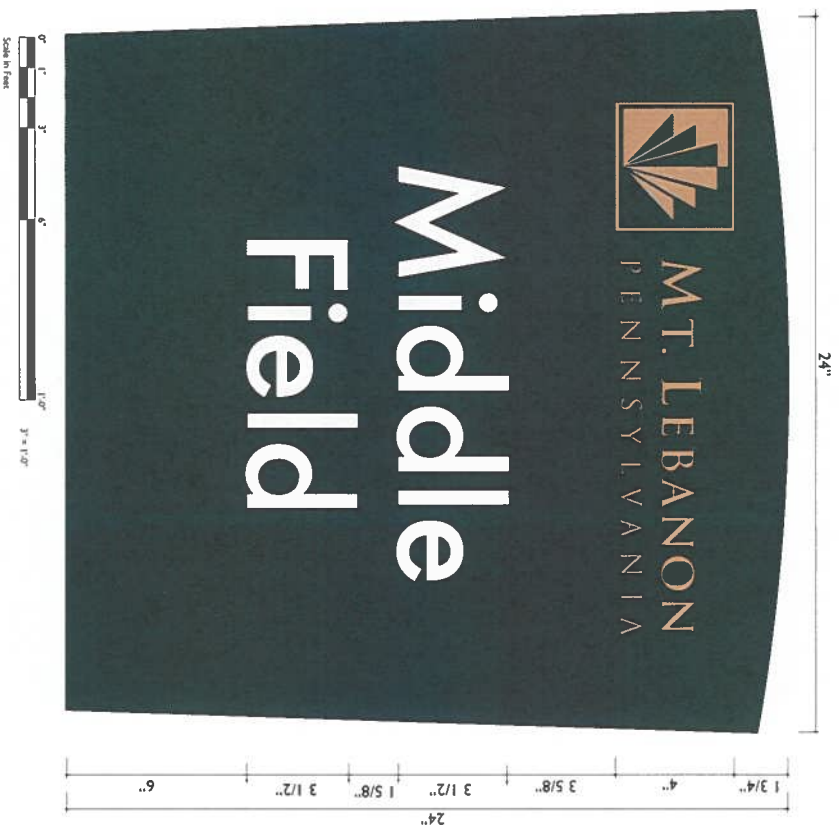


**THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.**  
The Sign Contractor/Manufacturer of fabrication and not Kolano Design Inc., shall be responsible for accurate design of the sign and for the proper installation of the sign. The sign contractor/manufacturer shall be responsible for the sign design and shall provide all necessary details and specifications for the sign. The sign contractor/manufacturer shall be responsible for obtaining all local, field and local laws, codes, regulations, standards and other applicable codes and regulations. The sign contractor/manufacturer shall be responsible for the sign design and shall provide all necessary details and specifications for the sign.

**Field ID - Keystone Shape with White Text**  
**Mounting Method: Cyclone Fence Mount**  
**8'-0"H to Bottom of Sign**

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## RECREATIONAL FIELD ID SIGN SECONDARY



**Field ID - Keystone Shape with Gold Horizontal Logo & White Text**  
**Size: 2'-0" H x 2'-0" W, SF: 4 SF**  
**Font: Futura Medium, Upper/Lowercase**  
**Text Height: 3 1/2", Reddable from 175'**  
*Text heights can be larger or smaller dependent on name length.*

- FIELD ID SIGN**
- Sign Panel**
- .125 gauge (1/8") aluminum.
  - Provide 1/4" radius on all corners.
  - Apply printed vinyl logomark and reflective white vinyl to sign faces.
  - Paint P1: PMS 5605C, Akzo Nobel Grip Guard 451 H2.
- Graphics**
- Graphics to be reflective white vinyl and screen printed logomark on opaque vinyl.
  - Owner to provide Logo in eps format to Sign Vendor.
  - Font: all text to be Futura Medium.
  - All graphics (logo mark and text) to be centered on sign face
  - Apply vinyl to 1st surface of sign faces.
  - Provide UV stable inks for exterior use.
  - Provide an anti-graffiti lamination in high traffic areas.
- Square Post Mounting**
- 2" x 2" architectural square post.
  - Provide cap on top of post, grind welds smooth.
  - Provide 3/8" DIA adhesive key holes to aid in attachment to sign face. Sign vendor to determine location and number of holes required. Typically 3" spacing, minimum 3 holes per sign.
  - Attach sign face to U-Line H-5516 (10'H Post), or similar, via vandal-proof blind stud anchor bolts and/or Lord 406 Acrylic Adhesive.
  - Installer and client to determine if footers are required or post is submerged in ground 2" (or other).
  - Part #D5-HR-238-7, or equal
  - Part P2, PMS 7533C, Akzo Nobel Grip Guard 415 H1.
  - Paint bottom 1'-0" of post black, PMS Black 4C, Akzo Nobel Grip Guard 492 H6.
  - Attach post to Breakout Square Post Coupler or mounting plate, see detail.
- Foundation (if required)**
- Sign vendor to provide adequate foundation to support sign.
  - Footer dimensions to be determined by Sign Vendor.
  - Provide adequate footer to support sign.
  - Install deep enough to prevent heaving due to freeze-thaw cycle.

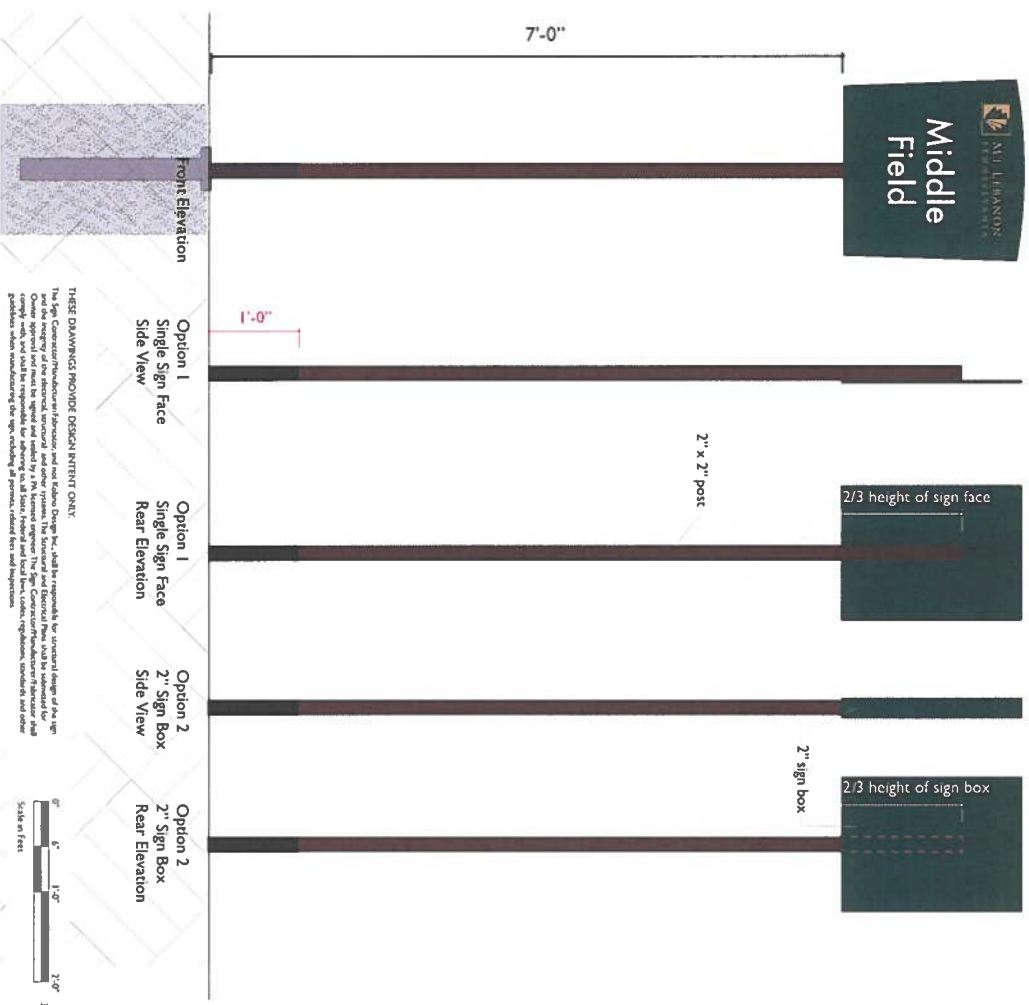
### THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.

The Sign Contractor/Manufacturer/Installer, and not Kolano Design Inc., shall be responsible for structural design of the sign and the integrity of the structural, structural, and other systems. The Structural and Electrical Plans shall be submitted for review and approval and stamped by a Professional Engineer (PE) or Professional Architect (PA) licensed in the State of Pennsylvania. The Sign Contractor/Manufacturer/Installer shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The Sign Contractor/Manufacturer/Installer shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The Sign Contractor/Manufacturer/Installer shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.

July 24, 2023

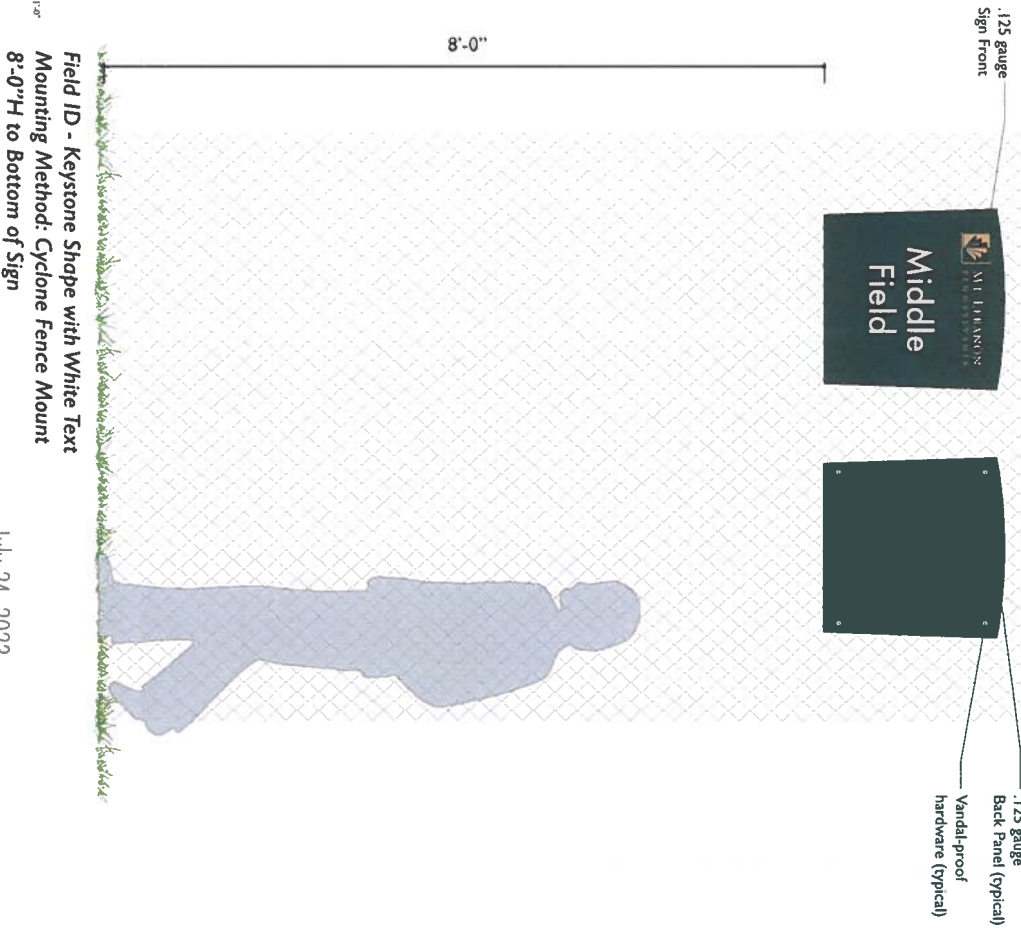


RECREATIONAL FIELD ID SIGN SECONDARY: Post and Fence Mount Installation Methods



THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.

This Sign Construction/Manufacturer will fabricate and not fabricate Design Inc. shall be responsible for accurate design of the sign. Owner approval must be obtained and sealed by a PE licensed engineer. The Sign Construction/Manufacturer/Manufacturer shall comply with any state or local regulations for advertising on all signs. Material and build time, color, regulations, standards and other guidelines shall manufacturing the sign's holding in process, stand time and inspection.



Field ID - Keystone Shape with White Text

Mounting Method: Cyclone Fence Mount

8'-0" H to Bottom of Sign

July 24, 2023



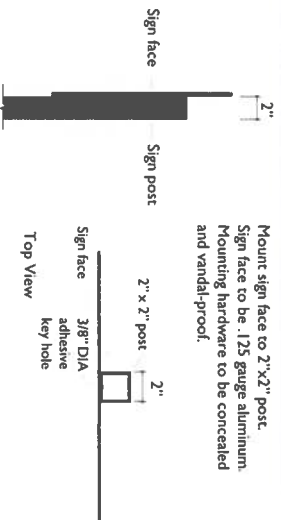
# RECREATIONAL FIELD ID SIGNS: FABRICATION AND MOUNTING DETAIL OPTIONS

## Individual Sign Face Panel - Corner Detail

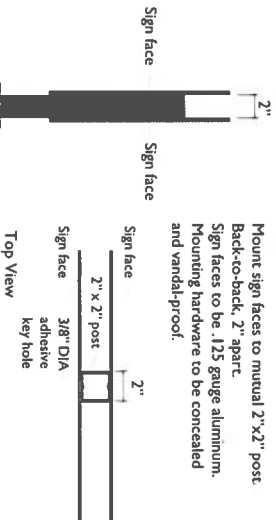


**GENERAL NOTE**  
THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.  
The Sign Contractor/Manufacturer/Supplier and not M.T. Lebanon, Inc., shall be responsible for accurate design of the sign and the integrity of the electrical, structural and cable systems. The Structural and Electrical Plans shall be submitted for review, approval and stamped and sealed by a Professional Engineer. The Sign Contractor/Manufacturer/Supplier shall be responsible for the design, fabrication and installation of the sign. M.T. Lebanon, Inc. shall not be responsible for any problems which result from manufacturing the sign, including all permits, related fees and inspections.

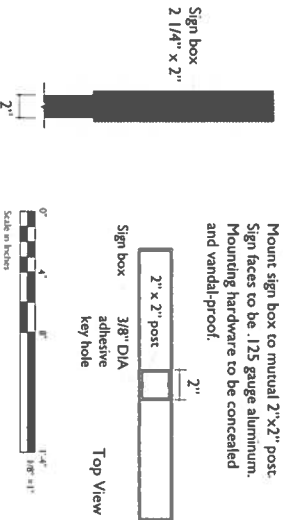
### 1A. Single Sided Sign Face on Post



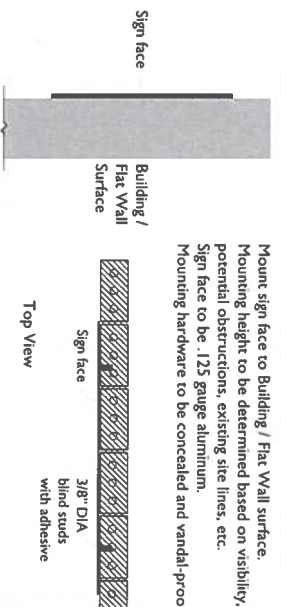
### 2A. Double Sided Sign Faces on Post



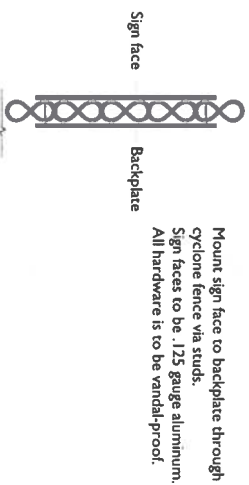
### 3. Double Sided Sign Box on Post



### 1B. Single Sided Sign Face on Building / Flat Wall Surface

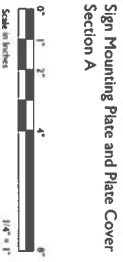
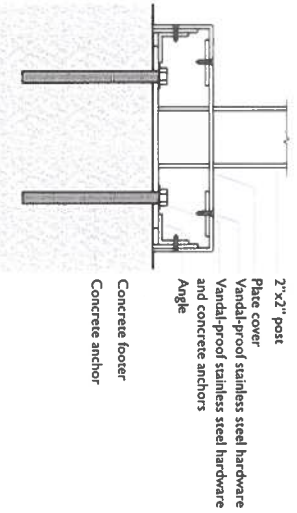
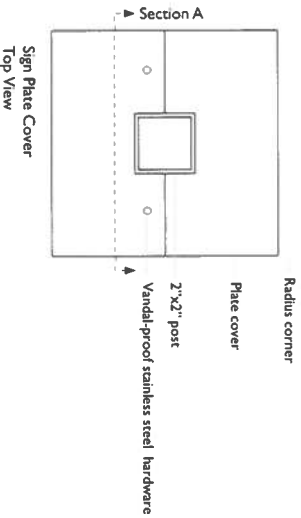
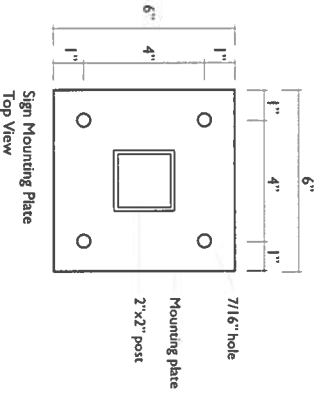


### 2B. Double Sided Sign on Cyclone Fencing

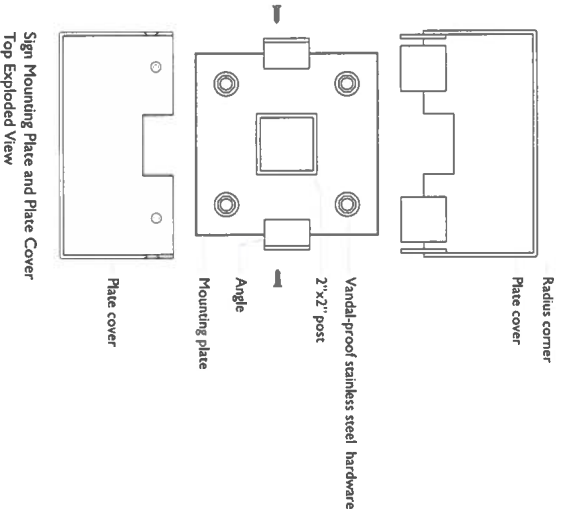


February 16, 2024

## RECREATIONAL FIELD ID SIGNS: INSTALLATION AND MOUNTING DETAILS



**GENERAL NOTE**  
THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.  
The Sign Contractor/Manufacturer and not others, including but not limited to, shall be responsible for structural design of the sign and the integrity of the structural, electrical, and other systems. The Structural and Electrical Plans shall be submitted for Owner approval and must be signed and sealed by a PE licensed engineer. The Sign Contractor/Manufacturer's structural steel products shall be manufactured to the sign, including all permits, related fees and inspections.



### Sign Mounting Plate and Cover

#### Foundation

- Sign Contractor to determine and provide appropriate concrete foundation. Sign post is to be anchored into earth, asphalt, sidewalk and other surfaces in such a way that the sign will remain 100% vertical.
- All concrete, rebar, etc. to be buried below grade.
- Only Mounting Plate and Plate Cover to be visible above ground.

#### Mounting Plate

- 6" x 6" x 3/16" aluminum plate. Drill four (4) holes to receive concrete anchors.

#### 2" x 2" Post

- Weld to center of Mounting Plate.

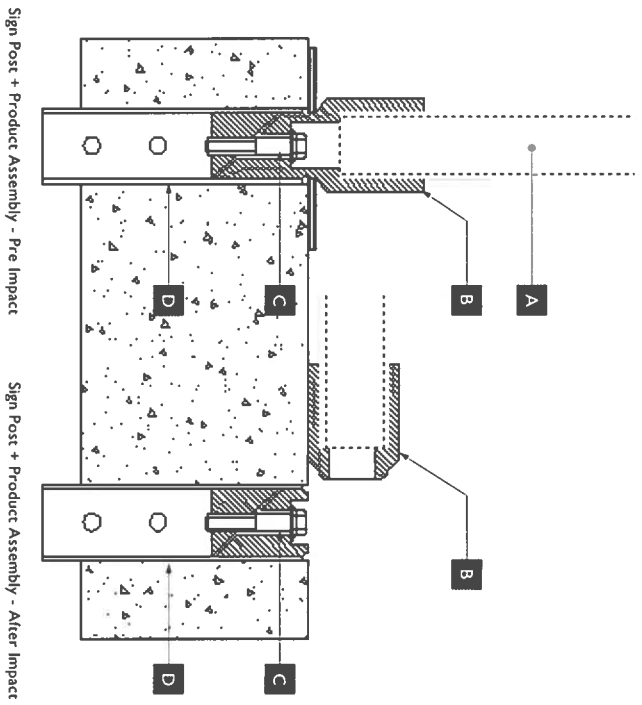
#### Plate Cover

- Two piece box to cover Mounting Plate.
- 1/8" thick aluminum construction.
- Attach to Mounting Plate with tamper resistant stainless steel counter sunk hardware and angles. Weld angles to Mounting Plate.
- Paint Black, GG 492-H16

July 24, 2023



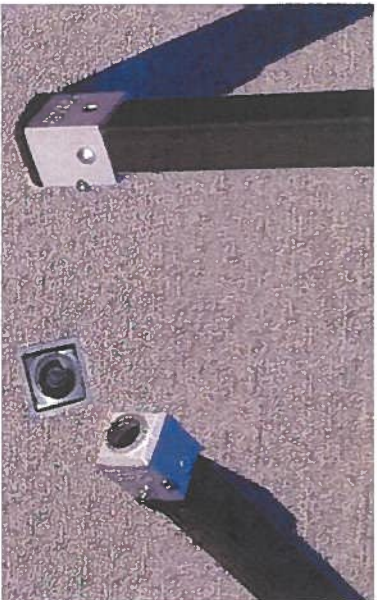
## RECREATIONAL FIELD ID SIGNS: INSTALLATION AND MOUNTING DETAILS



Detail - BREAKOUT - Square Post Coupler



**GENERAL NOTE:**  
THESE DRAWINGS PROVIDE DESIGN INTENT ONLY.  
The Sign Contractor/Manufacturer and not others (Client, Inc.) shall be responsible for structural design of the sign and the integrity of the individual foundation and other systems. The Structural and Electrical Plans shall be submitted for Owner approval and must be signed and sealed by a licensed engineer. The Sign Contractor/Manufacturer's structural shall be stamped and signed by a registered professional engineer. The Sign Contractor/Manufacturer shall be responsible for all other conditions when manufacturing the sign including all permits, related fees and inspections.



Product Reference Image

- Sign Mounting Plate and Cover**
- Foundation**
- Sign Contractor to determine and provide appropriate concrete foundation. Sign post is to be anchored into earth, asphalt, sidewalk and other surfaces in such a way that the sign will remain 100% vertical.
  - All concrete, rebar, etc. to be buried below grade.
  - Only Mounting Plate and Plate Cover to be visible above ground.

- A** 2" x 2" Post
  - Weld to center of Mounting Plate.
- B** BREAKOUT Square Post Coupler
  - Use appropriate Sq. Coupler for 2" tube.
  - Paint Black, GG 492.H6
- C** Center Bolt
  - Part #B1 - Typical. Secures Square Post Coupler to Anchor.
- D** Anchor
  - Use appropriate BREAKOUT Anchor per Ground Conditions (i.e. concrete, asphalt or soil).

## Mt. Lebanon Municipality Parks & Fields Message Schedule

Park / Field	Text	Design Type
<b>Bird Park</b>	1st Text Line: Bird Park 2nd Text Line: John Doctor Field	Primary Park Entrance ID Sign / Double Sided Sign Box / Double Post
<b>Church Place Park</b>	Text Line: Church Place Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Clint Seymour Field</b>	Text Line: Clint Seymour Field	Rec & Field ID Sign Primary / Double Sided Sign Faces / Single Post
<b>Clint Seymour Field</b>	Text Line: Clint Seymour Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount
<b>Country Club Park</b>	Text Line: Country Club Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Dixon Field</b>	Text Line: Dixon Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount
<b>Highland Terrace Park</b>	Text Line: Highland Terrace Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post
<b>Iroquois Park</b>	Text Line: Iroquois Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post
<b>John Doctor Field</b>	Text Line: John Doctor Field	Rec & Field ID Sign Scoundary / Single Sided Sign Face / Single Post
<b>Mt. Lebanon Park</b>	Text Line: Mt. Lebanon Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Building or Flat Surface Mount
<b>Middle Field</b>	Text Line: Middle Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount
<b>Meadowcroft Park</b>	Text Line: Meadowcroft Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Robb Hollow Park</b>	Text Line: Robb Hollow Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Rockwood Park</b>	Text Line: Rockwood Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Sunset Hills Park</b>	1st Text Line: Sunset Hills Park 2nd Text Line: Brafferton Field	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post
<b>Twin Hills Trails Park</b>	Text Line: Twin Hills Trails Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post
<b>Williamsburg Park</b>	Text Line: Williamsburg Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post

**APPENDIX C:**

- **Proposal Pricing Form**



## Proposal Pricing Form

Park / Field	Text	Design Type	Itemized Estimate: Provide the cost to produce each location (17 total items)	Full Inventory Estimate: Provide cost to produce all 17 items under one lump sum order
<b>Bird Park</b>	1st Text Line: Bird Park 2nd Text Line: John Doctor Field	Primary Park Entrance ID Sign / Double Sided Sign Box / Double Post	\$	\$
<b>Church Place Park</b>	Text Line: Church Place Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Clint Seymour Field</b>	Text Line: Clint Seymour Field	Rec & Field ID Sign Primary / Double Sided Sign Faces / Single Post	\$	
<b>Clint Seymour Field</b>	Text Line: Clint Seymour Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount	\$	
<b>Country Club Park</b>	Text Line: Country Club Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Dixon Field</b>	Text Line: Dixon Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount	\$	
<b>Highland Terrace Park</b>	Text Line: Highland Terrace Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post	\$	
<b>Iroquois Park</b>	Text Line: Iroquois Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post	\$	
<b>John Doctor Field</b>	Text Line: John Doctor Field	Rec & Field ID Sign Secondary / Single Sided Sign Face / Single Post	\$	
<b>Mt. Lebanon Park</b>	Text Line: Mt. Lebanon Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Building or Flat Surface Mount	\$	
<b>Middle Field</b>	Text Line: Middle Field	Rec & Field ID Sign Primary / Single Sided Sign Face / Fence Mount	\$	
<b>Meadowcroft Park</b>	Text Line: Meadowcroft Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Robb Hollow Park</b>	Text Line: Robb Hollow Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Rockwood Park</b>	Text Line: Rockwood Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Sunset Hills Park</b>	1st Text Line: Sunset Hills Park 2nd Text Line: Brafferton Field	Primary Park Entrance ID Sign / Single Sided Sign Face / Single Post	\$	
<b>Twin Hills Trails Park</b>	Text Line: Twin Hills Trails Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	
<b>Williamsburg Park</b>	Text Line: Williamsburg Park	Primary Park Entrance ID Sign / Single Sided Sign Face / Double Post	\$	

Company:

Address:

Phone:

Email:

Representative (Print):

Signature:

Date: