

Janet Johnston Housenick & William D. Housenick Memorial Park  
Signage & Wayfinding Manual-Bid Document  
September 2012



## Background

In October 2011, the Bethlehem Township Commissioners adopted the Master Plan for the Janet Johnston Housenick and William D. Housenick Memorial Park. (Housenick Park).

The adopted master plan presented a number of development priorities and phased action items. The first task to be undertaken is the creation of a signage and wayfinding program. Under the direction of the Bethlehem Township Park and Recreation Board and the Commissioners the following objectives for the signage and wayfinding program were established:

1. **Three basic sign types:** *Informational, Regulatory and Directional*
2. **Program Objectives:**
  - Incorporate the Johnston family crest
  - Clear and concise messages
  - Easy to read
  - Fit within a theme or framework
  - Appropriately placed without creating "sign clutter"
  - Made with "green" materials and methodologies
  - Weatherproof
  - Vandal resistant
  - Maintenance conscience (low need/longevity/materials)
  - Affordable
  - Easy to replace (limited customization)

## Materials & Color Schemes

### Materials

Sign panels are to be constructed of recycled high density HDPE plastic, aluminum or "sign foam" depending on location, type and use. Traffic signs must be consistent with the 2009 Manual on Uniform Traffic Control Devices (MUTCD) and are to be made of .063 or .080 gauge aluminum with rounded corners.

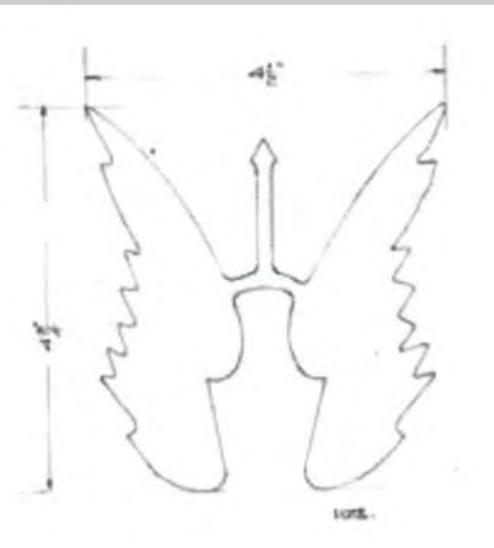
Posts unless otherwise indicated shall be black 6" x 6" and fabricated from recycled high density HDPE plastic and contain fiber reinforcing or equal for structural integrity. Tops of posts shall be chamfered on four (4) sides with a flattened top (non-pointed).

### Colors

Sign Panel color scheme shall be one of four (4) different styles/combinations:

1. Brown field with white trim and white lettering.
2. White field with red trim and red lettering.
3. Black field with gold trim and gold lettering.
4. Traffic regulatory signs shall have colors consistent with the MUTCD.

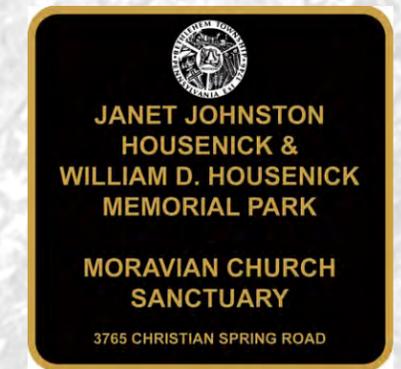
Sign panels when attached to posts shall utilize countersunk, flat head stainless steel, vandal resistant screws and or hidden fasteners. Incidental hardware shall be stainless steel to prevent rusting.



Scan of Housenick  
Family Crest  
circa 1920



Bethlehem Township  
Official Seal/Logo



# Sign Master Schedule

## Sign Schedule - Housenick Park

QTY	SYMBOL	TYPE	SIZE	COLOR	MATERIAL	COPY	NOTES
1	E1	Informational/Entry	30" x 30"	Black panel with gold trim and gold lettering, Township seal	Sign Foam	Janet Johnston Housenick & William D. Housenick Memorial Park	Double Sided Panel
1	E2	Informational/Entry	36" x 60"	Black panel with gold trim and gold lettering, Township seal	Sign Foam	Moravian Church Sanctuary, Street Address Janet Johnston Housenick & William D. Housenick Memorial Park	Single sided
12	PB1	Regulatory	18" x 18"	White field with red trim and red letters, Johnston Crest	HDPE Recycled Plastic	Bethlehem Township Park System Park Boundary No Trespassing	
11	PB1A	Regulatory	18" x 18"	White field with red trim and red letters, Johnston Crest	HDPE Recycled Plastic	Park Boundary No Trespassing, With Left & Right Arrow	
4	PB2	Regulatory	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Park Boundary Now Entering Archibald Jonston Conservation Area Northampton County	Double sided panel w/ Type PB3
4	PB3	Regulatory	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Park Boundary Now Entering Janet Johnston Housenick & William D. Housenick Memorial Park Bethlehem Township	Double sided panel w/ Type PB2
1	PB4	Regulatory	18" x 18"	White field with red trim and red letters, Johnston Crest	HDPE Recycled Plastic	Park Boundary No Trespassing Active Railroad	Single sided panel
8	PR1	Regulatory	18" x 18"	White field with red trim and red letters, Johnston Crest	HDPE Recycled Plastic	Private Residence No Trespassing	Single sided
2	HF1	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Johnston Mansion, No Admittance	Single sided
1	HF2	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Limekiln, Danger No Trespassing	Single sided
1	HF3	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Pump House, Danger No Trespassing	Single sided
1	HF4	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Spring, Danger No Trespassing	Single sided
1	HF5	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Boat House, Danger No Trespassing	Single sided
1	HF6	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Cement Bridge, Danger No Trespassing	Single sided
1	HF7	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Monocacy Creek, Danger No Swimming	Single sided
1	HF8	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Tennis Courts, Danger No Trespassing	Single sided
1	HF9	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Historical Feature, Cedar Grove	Single sided
3	HF10	Informational	18" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Environmental Feature, Wetland Area	Single sided
10	NPA	Regulatory	18" x 18"	White field with red trim and white letters, Johnston Crest	HDPE Recycled Plastic	No Public Access Beyond This Point	Single sided
4	NPA1	Regulatory	18" x 18"	White field with red trim and white letters, Johnston Crest	HDPE Recycled Plastic	No Vehicles Beyond This Point	Single sided
1	D1	Regulatory	12" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Public Parking ↑(with Arrow)	Single sided
1	D1A	Regulatory	12" x 18"	Brown field with white trim and white letters, Johnston Crest	HDPE Recycled Plastic	Public Parking →(with Arrow)	Single sided
2	D2	Regulatory	24" x 30"	MUTCD White with black lettering	Non reflective vinyl on aluminum	Speed Limit 10	Two panels per post
2	D3	Regulatory	30" x 30"	MUTCD Red with white letters	Non reflective vinyl on aluminum	Stop	Single sided
1	D4	Regulatory	12" x 26"	MUTCD White with green lettering & HC Parking symbol	Non reflective vinyl on aluminum	Reserved Parking Handicapped Only	Single sided With Van Accessible sub-panel

# Sign Master Schedule - Trail Markers

Sign Schedule - Trail Markers

QTY	SYMBOL	TYPE	SIZE	COLOR	MATERIAL	COPY	Front Face	Right Side	Left Side	Back Face
1	T0	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		→ (Right facing red arrow) → (Right facing yellow arrow)	Trail End (Vertical Orientation)	↑ (Upward red arrow) ↑ (Upward yellow arrow) Trail Start (Vertical orientation)	
1	T1	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		↔ (Bi Directional red arrow) ↔ (Bi Directional yellow arrow)	↑ (Upward red arrow) ← (Left facing red arrow) ↑ (Upward yellow arrow) ← (Left facing yellow arrow)	↑ (Upward red arrow) → (Right facing red arrow) ↑ (Upward yellow arrow) → (Right facing yellow arrow)	
1	T2	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		← (Left facing red arrow) ↑ (Upward yellow arrow)		→ (Right facing red arrow) ← (Left facing yellow arrow)	↑ (Upward red arrow) ↑ (Upward yellow arrow)
1	T3	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		← (Left facing red arrow) → (Right facing yellow arrow)	↑ (Upward red arrow) ← (Left facing red arrow)	→ (Right facing red arrow) ↑ (Upward yellow arrow)	
1	T4	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		← (Left facing yellow arrow)		→ (Right facing yellow arrow)	
1	T5	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		↑ (Upward yellow arrow)			↑ (Upward yellow arrow)
1	T6	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		↑ (Upward yellow arrow) → (Right facing green arrow)		↔ (Bi Directional yellow arrow)	↑ (Upward yellow arrow) ← (Left facing green arrow)
1	T7	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		↑ (Upward yellow arrow) ← (Left facing green arrow)		↔ (Bi Directional yellow arrow)	↑ (Upward yellow arrow)
1	T8	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		↑ (Upward red arrow) ← (Left facing red arrow) ↑ (Upward yellow arrow)		← (Left facing red arrow) ↔ (Bi Directional yellow arrow)	→ (Right facing red arrow) ↑ (Upward yellow arrow)
1	T9	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		← (Left facing red arrow) ← (Left facing yellow arrow)		→ (Right facing red arrow) → (Right facing yellow arrow)	
1	T10	Directional	6" x 6" X 8'	Black 6"x6" post with routed symbols	HDPE Recycled Reinforced Plastic		Trail End (Vertical Orientation)		→ (Right facing red arrow) → (Right facing yellow arrow) → (Right facing green arrow)	↑ (Upward red arrow) ↑ (Upward yellow arrow) ↑ (Upward green arrow)

# Illustrative Examples



Type E1 30" x 30"  
Informational  
Entry Address Sign



Type E2 36" x 60"  
Informational  
Park Identification Sign



Type PB1 18" x 18"  
Regulatory



Type PB1A 18" x 18"  
Regulatory



Type PB4 18" x 18"  
Regulatory



Type PB2, 18" x 18"  
Regulatory



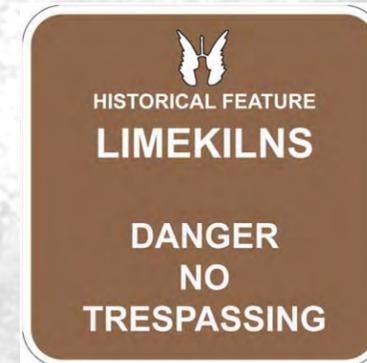
Type PB3, 18" x 18"  
Regulatory



Type PR1, 18" x 18"  
Regulatory



Type HF1, 18" x 18"  
Informational  
Historical Feature



Type HF2, 18" x 18"  
Informational  
Historical Feature



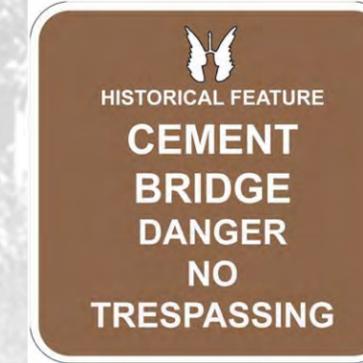
Type HF3 18" x 18"  
Informational  
Historical Feature



Type HF4, 18" x 18"  
Informational  
Historical Feature



Type HF5, 18" x 18"  
Informational  
Historical Feature



Type HF6, 18" x 18"  
Informational  
Historical Feature



Type HF7, 18" x 18"  
Informational  
Historical Feature

# Illustrative Examples



Type HF8, 18" x 18"  
Informational  
Historical Feature



Type HF9, 18" x 18"  
Informational  
Historical Feature



Type HF10, 18" x 18"  
Informational  
Environmental Feature



Type NPA, 18" x 18"  
Regulatory



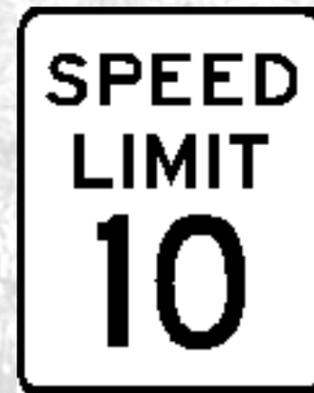
Type NPA1, 18" x 18"  
Regulatory



Type D1 12" x 18"  
Regulatory



Type D1A 12" x 18"  
Regulatory



Type D2 24" x 30"  
Regulatory



Type D3 30" x 30"  
Regulatory



Type D4 12" x 26"  
Regulatory



2" ROUNDED CORNER (TYP)

2" +/- THICK SIGN FOAM PANEL, DOUBLE SIDED 30" x 30"

RAISED TOWNSHIP SEAL—ARTWORK TO BE PROVIDED BY OWNER

1/2" WIDE RAISED METALLIC GOLD BORDER (TYP)

1/4" - 1/2" RECESSED BLACK BACKGROUND

RAISED METALLIC GOLD LETTERS - ARIAL FONT, 120 PT, (1.67")

RAISED METALLIC GOLD LETTERS - ARIAL FONT, 72 PT, (1")



← 2" +/- THICK SIGN FOAM PANEL , SINGLE SIDED

← RAISED TOWNSHIP SEAL—ARTWORK TO BE PROVIDED BY OWNER

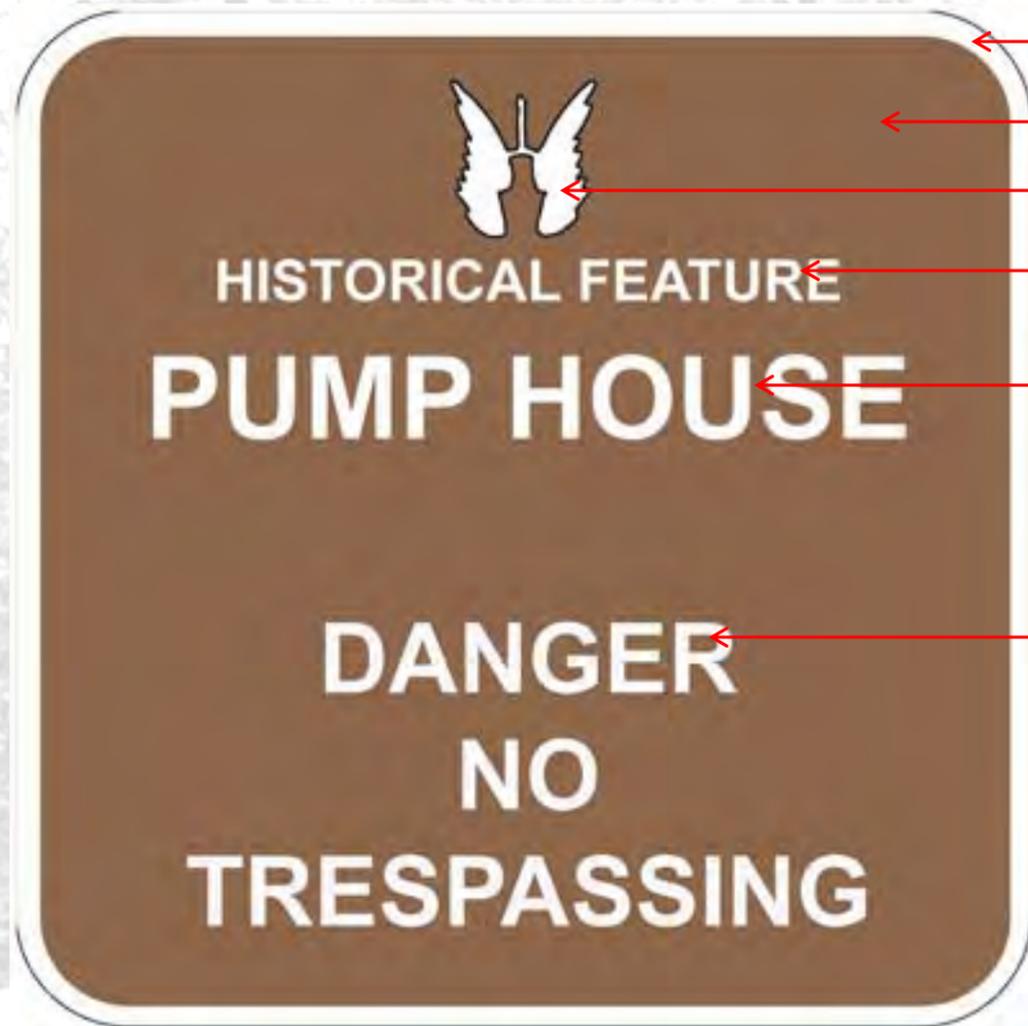
← 1/2" WIDE RAISED METALLIC GOLD BORDER (TYP)

← 1/4" - 1/2" RECESSED BLACK BACKGROUND

← RAISED METALLIC GOLD LETTERS - ARIAL FONT, 250 PT, (3.47")

← RAISED METALLIC GOLD LETTERS - ARIAL FONT, 144 PT, (2")

← JOHNSTON CREST 6.5" X 7" +/-, RAISED, METALLIC GOLD COLOR



2" ROUNDED CORNER (TYP)

1/2" THICK RECYCLED PLASTIC, HDPE SANDWICH TYPE SIGN PANEL ,  
SINGLE SIDED, BROWN FACE WITH WHITE MIDDLE CORE (TYP)

JOHNSTON CREST 3" X 3" +/-, ROUTED INTO PANEL, WHITE COLOR (TYP)

1/2" WIDE WHITE BORDER (TYP)

ROUTED LETTERING, ARIAL FONT, 72 PT, (1") (TYP)

ROUTED LETTERING - ARIAL FONT, 144 PT, (2") (TYP)

ROUTED LETTERING - ARIAL FONT, 122 PT, (1.69")



2" ROUNDED CORNER (TYP)

1/2" THICK RECYCLED PLASTIC, HDPE SANDWICH TYPE SIGN PANEL ,  
SINGLE SIDED, WHITE FACE WITH RED MIDDLE CORE (TYP)

JOHNSTON CREST 3" X 3" +/-, ROUTED INTO PANEL, RED COLOR (TYP)

1/2" WIDE RED BORDER (TYP)

ROUTED LETTERING - ARIAL FONT, 144 PT, (2") (TYP)

# Illustrative Examples



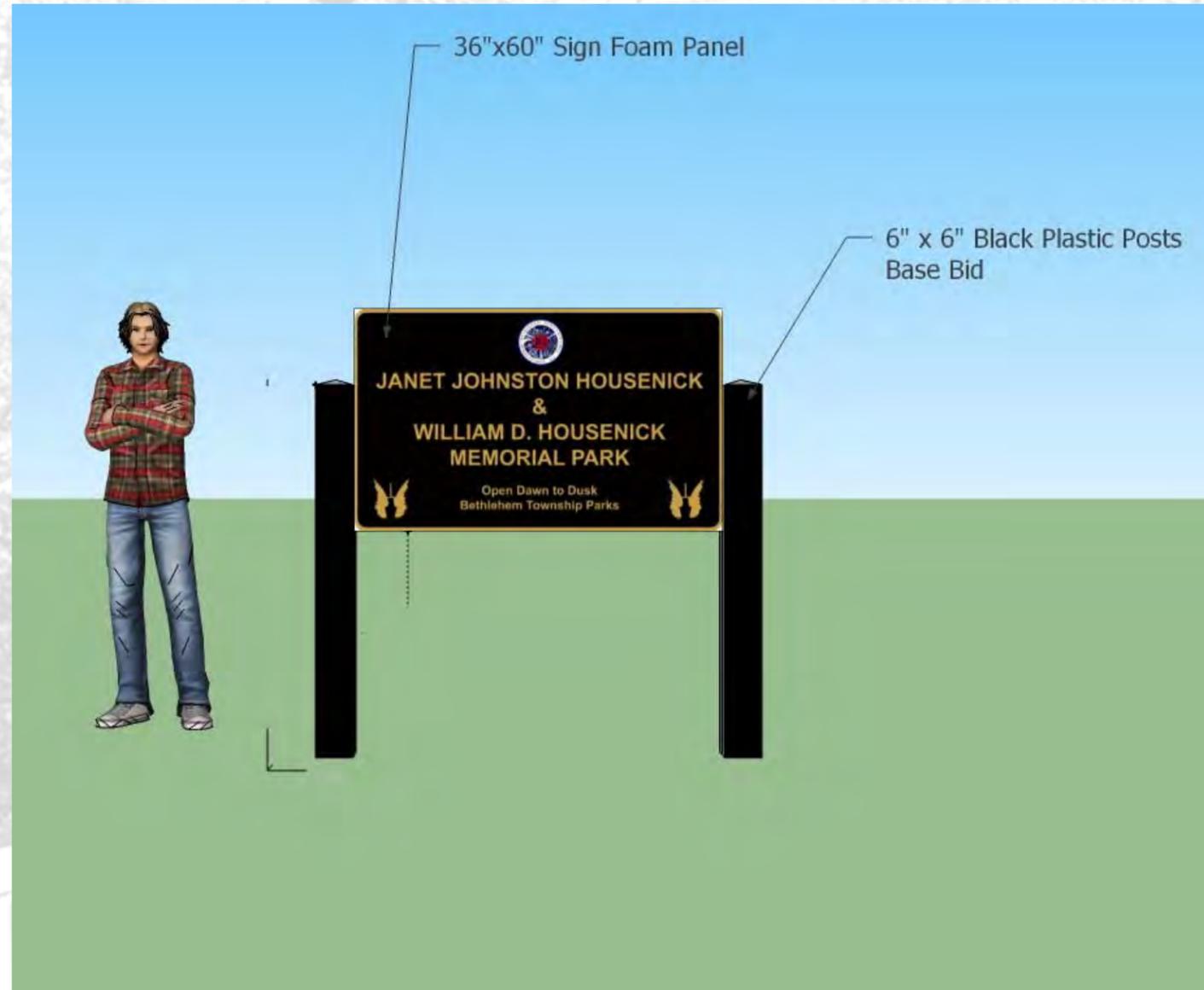
HDPE Recycled Plastic Message Center  
Manufactured by Kirby Built Model Number AMC 4005, 79" w x 8" d x 52" h (67" w x 42" h viewing area)  
(or approved equal) With in-ground posts, literature holder and optional recycled rubber tackboard .

# Illustrative Examples



Type E1—Double Sided  
Informational  
Entry Sign on Existing Concrete Pillar

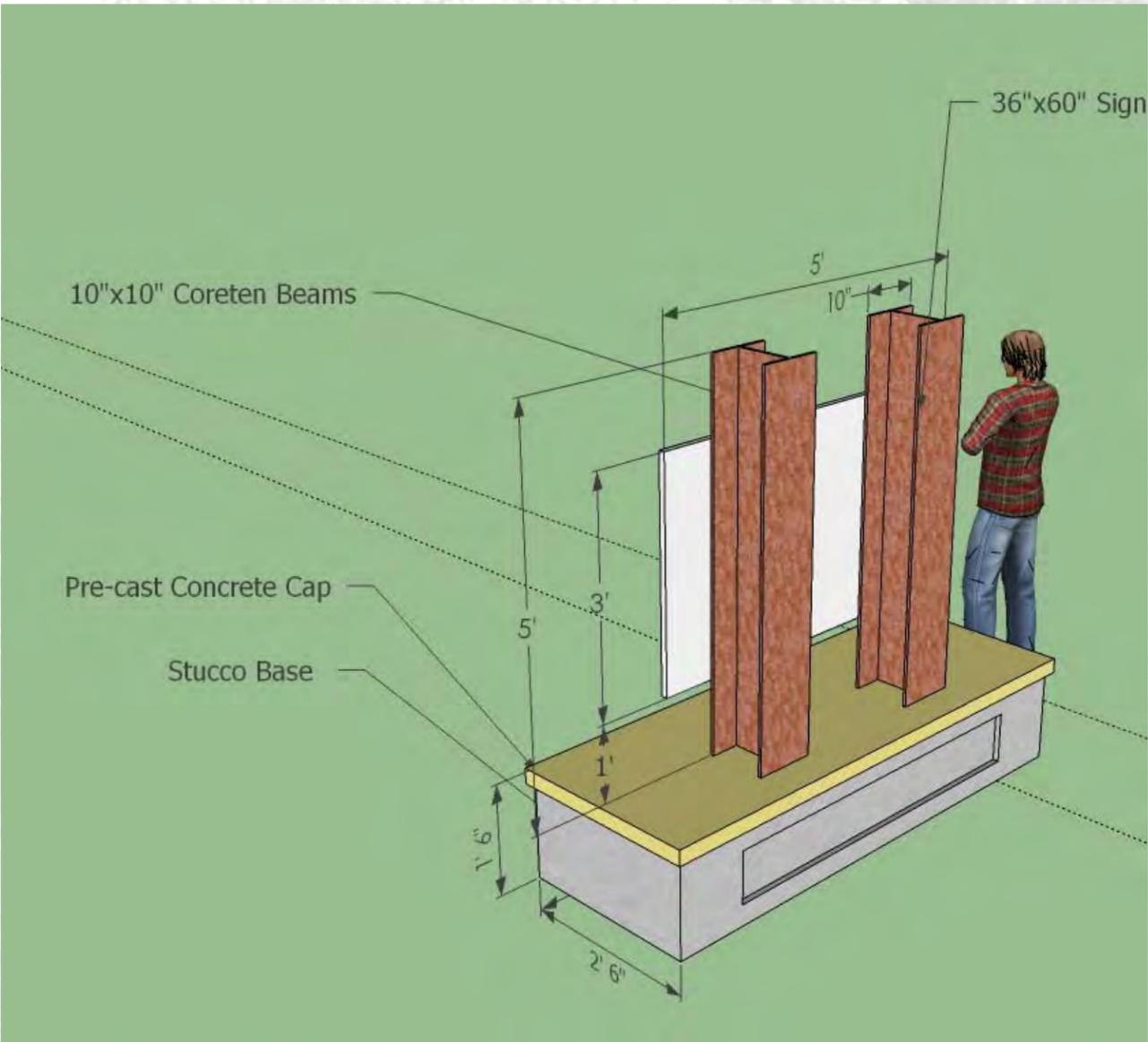
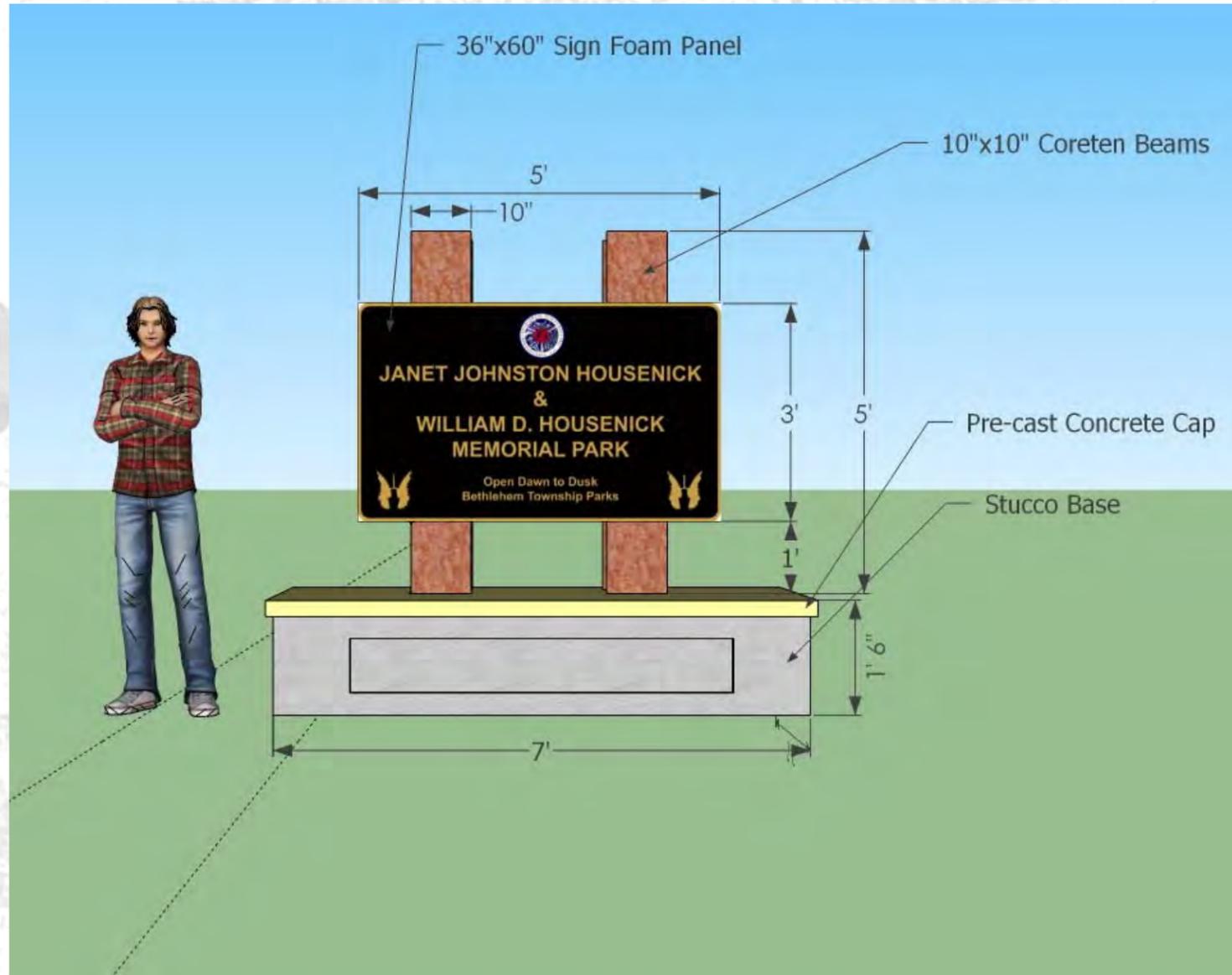
## Illustrative Examples



**BASE BID:**  
Provide two (2) 6" x 6" x 8', black recycled plastic posts as initial sign panel supports with required hard-

Type E2—Single Sided  
Informational  
Entry Sign on New Base

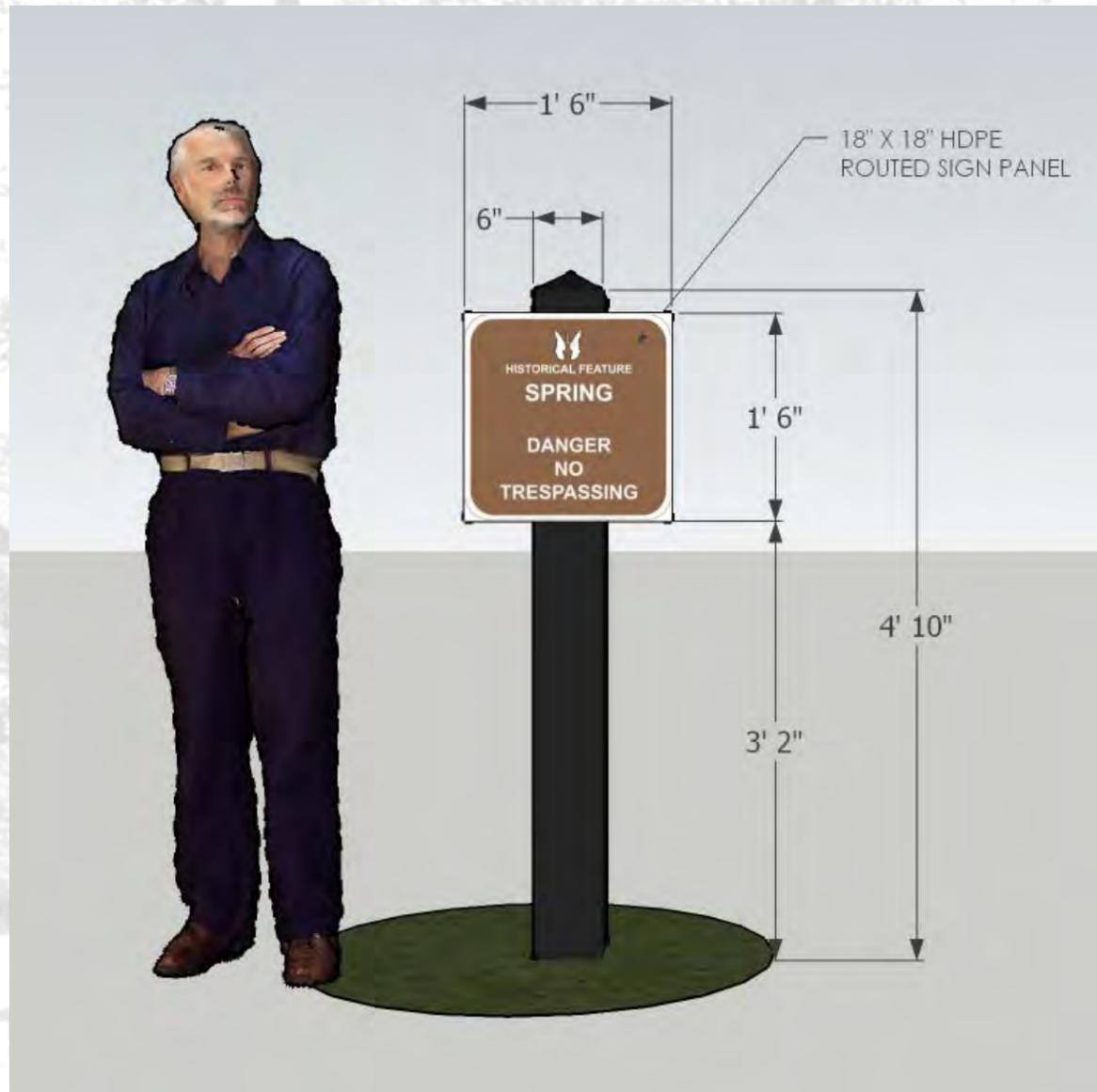
# Illustrative Examples



ADD ALTERNATE:  
As Shown

Type E2—Single Sided  
Informational  
Entry Sign on New Base

# Illustrative Examples



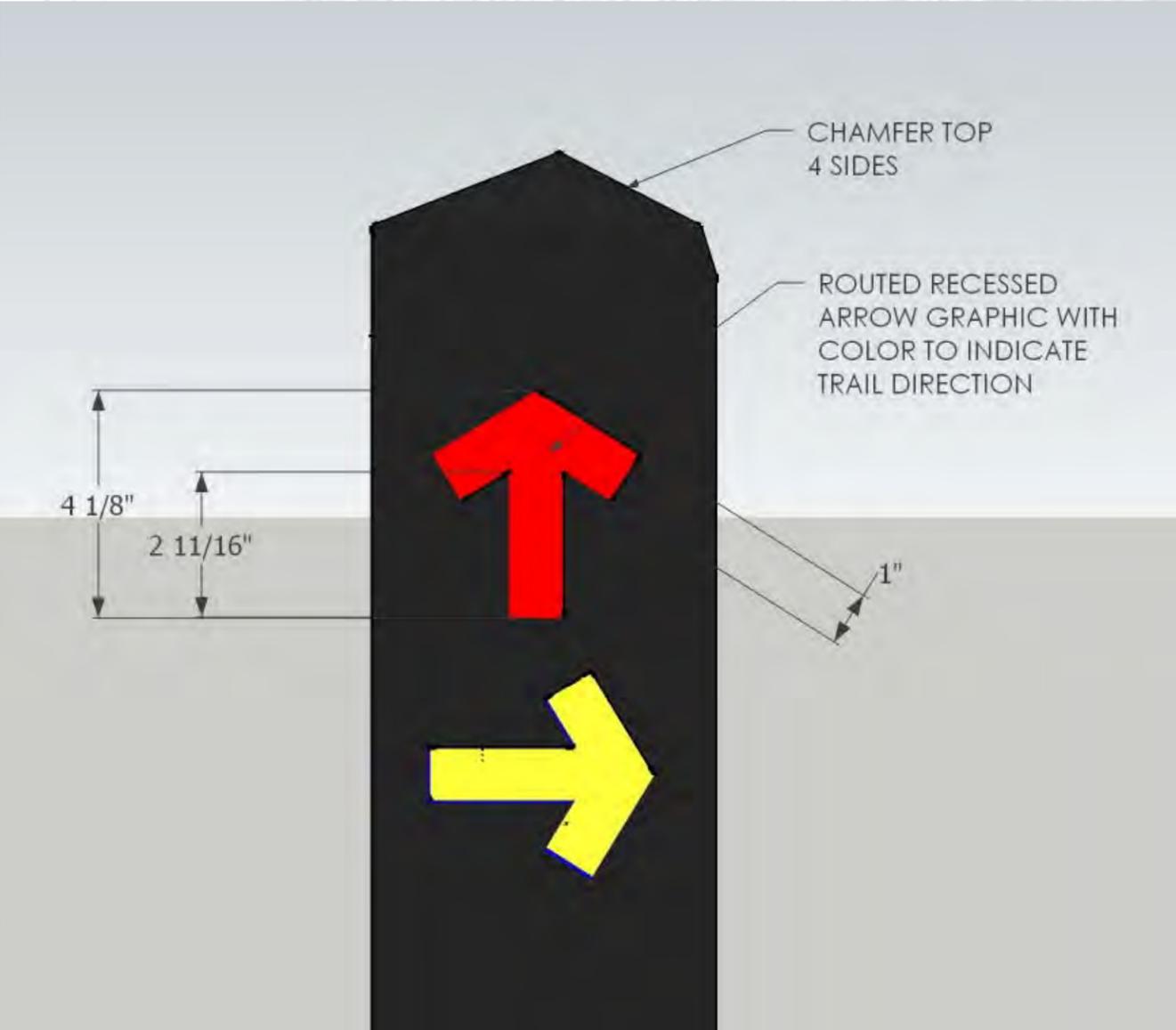
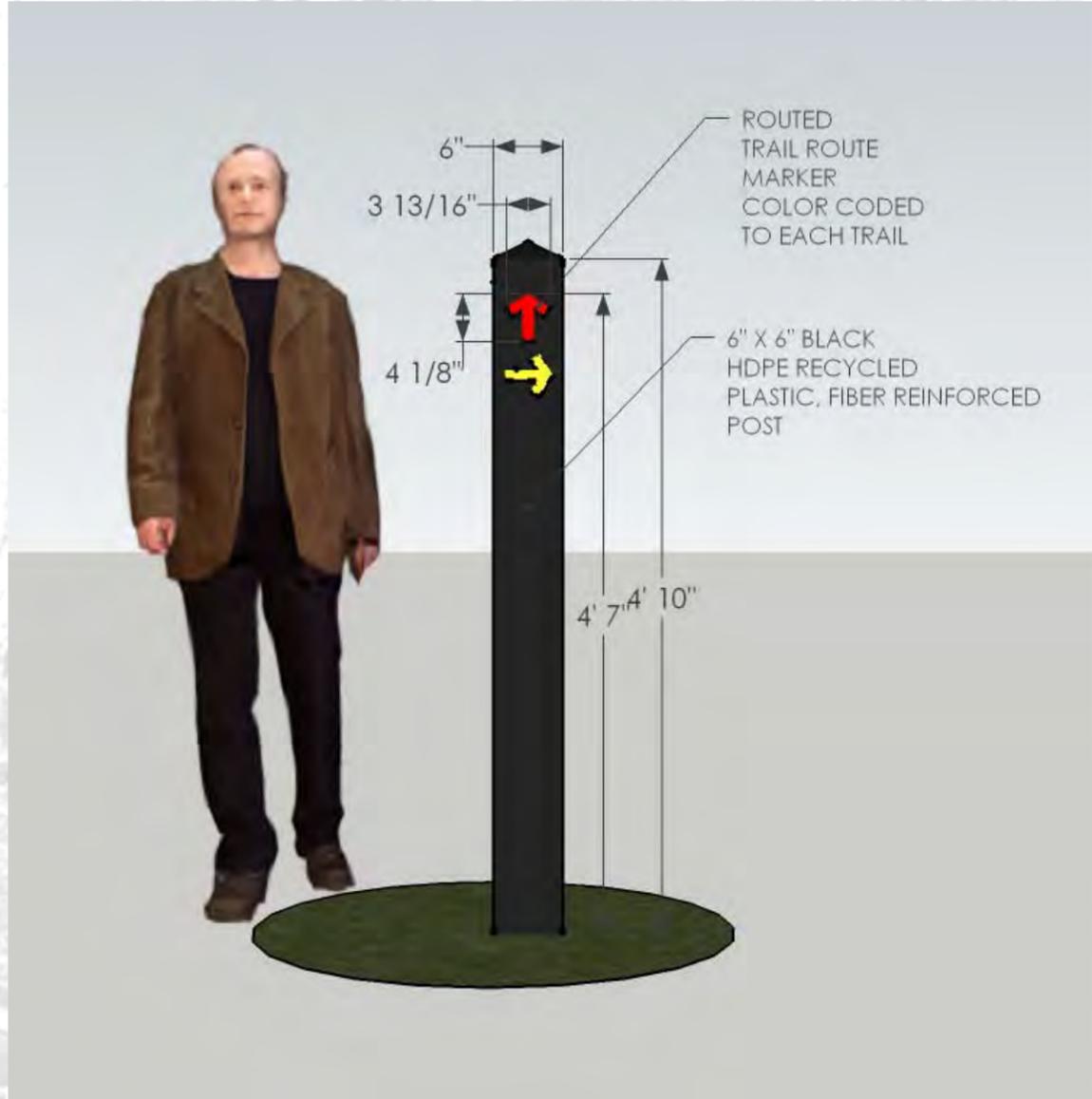
Type HF1, 18" x 18"  
Informational



Type D1, 12" x 18"  
Directional



# Illustrative Examples



Type T1  
Directional  
Trail Marker