



CITY OF GREAT FALLS WAYFINDING PLAN

DRAFT

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**CITY OF GREAT FALLS
WAYFINDING PLAN**

Acknowledgments

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Shane Etzwiler	Great Falls Chamber of Commerce
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Charity Yonker	Cascade County
Jim Wingerter	Montana Department of Transportation

Wayfinding Plan Stakeholder Group

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Jim Helgeson	Great Falls Transit
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1.0

Project Background

Overview & Project History

The Great Falls Wayfinding Plan provides a vision and strategy for the community to implement a citywide sign program. The plan includes all of the information needed to implement and install signs as soon as funding and permits are secured. Funding for the development of this plan was obtained through a grant from the Department of Commerce's Montana Main Street Program, the Downtown Tax Increment Financing (TIF) District, the Great Falls Business Improvement District (BID), Visit Great Falls, the Downtown Development Partnership (DDP), Great Falls Development Authority (GFDA) and the Great Falls Area Chamber of Commerce.

A comprehensive wayfinding program is essential to connect people traveling to Great Falls to the historic downtown and to the surrounding cultural, natural and recreational amenities. By providing prominent, appealing signage, many who would otherwise simply travel through Great Falls or those who are not familiar with the area, will learn about the services, destinations and points of interest that are available.

Existing Plan Review

- 2018 Long Range Transportation Plan
- 2013 Downtown Access, Circulation & Streetscape Plan
- 2013 City of Great Falls Growth Policy
- 2018 West Bank Master Plan
- 2012 Great Falls Brand Report
- 2011 Great Falls Downtown Master Plan

- 2016 Great Falls Parks & Recreation Master Plan

The plan was created in three phases: assess, explore and apply. During each phase, emphasis was placed on public engagement and feedback from the Steering Committee.

Wayfinding Plan Goals

1. Establish clear and consistent citywide signage geared toward vehicles and pedestrians that connect residents and visitors with downtown Great Falls and the area's cultural, natural and recreational amenities.
2. Incorporate elements from existing logo/branding effort into the sign design.
3. Incorporate a variety of signs that reinforce a sense of place and identity and that provide visitor and residents with an understanding of where to find existing amenities and destination.
4. Develop signs that add to a Great Falls aesthetic without creating clutter or discord.
5. Ensure signs comply with all applicable local, state and federal sign regulations.



What is Wayfinding

Wayfinding is a method to help people get from one location to another. It is an information system that guides people through a physical environment and enhances their understanding and experience of the space or area. A wayfinding program includes the signage, maps, symbols, colors, and other communications that are created for a specific place.

In general, a wayfinding plan considers local amenities, identifies a series of key decision points throughout the local area and strategically places signs in locations so that the public can travel safely and efficiently from one destination to the next. The signs are directional in nature and are meant to guide the traveling public throughout the plan area. Signs can also be informative and include maps, text and historic context for the area.



How to use this plan

This plan provides guidance on sign placement, sign content, and design and construction specifications. While care was taken to create a comprehensive wayfinding program, like many planning documents, a wayfinding plan functions best when it is reviewed and updated on a regular basis. This plan should be periodically updated as destinations change and the needs of the community shift.

Refer to the sign location map and sign schedule for location and design information needed to complete any necessary permit process.

Construction drawings are used to communicate with a sign fabricator during sign construction. Construction drawings were created for four sign types listed below and are found in the appendix.

- Motorist Directional Sign
- Pedestrian Directional Sign
- Pedestrian Directional Totem
- Pedestrian Informational Kiosk

Key plan elements includes a list of primary destinations, maps with proposed sign locations, sign designs, and construction specifications.

Additional Plan Elements

Amenity Map

The amenity map includes a comprehensive inventory of the destinations, amenities and attractions located within Great Falls. Compiled through a significant public outreach effort, these locations include educational institutions, medical facilities, civic and governmental buildings, natural sites, museums, historic attractions, sports and entertainment venues, transportation hubs, parks, trails, and other recreational destinations.

The locations found on this map may change as destinations evolve and are added to Great Falls over time.

Primary Destination List

The destinations selected for the primary destination list were chosen due to their significance in the community. The sign program was created around these destinations. Significant destinations were selected in the following categories

Primary Destination Categories

- Downtown
- Natural Sites
- Sports & Entertainment Venues
- Educational Institutions
- Transportations Hubs
- Civic Government services
- City Parks & Recreation

Sign Schedule

The sign schedule outlines the details for each sign proposed in the wayfinding program. The schedule assigns each sign a number, defines the sign type, and provides directional elements and destination content for each sign. In addition, the Sign Schedule identifies the proposed location for the sign through a written description and photos.

Location Maps

The sign location maps visually depict the proposed locations for each sign in the wayfinding program. The signs are numbered and correspond to the numbers found on the sign schedule.



Primary Destinations

The following destinations were identified by the Stakeholders group as primary to the Great Falls community, and guide the basis of the wayfinding plan.

DOWNTOWN:

- Historic Downtown
- Great Falls Visitors Center / Chamber
- Mansfield Theater/Civic Center

NATURAL SITES:

- Black Eagle Falls, Memorial Island and Dam
- Giant Springs State Park
- Rainbow Falls and Dam
- Montana Veterans Memorial Park

MUSEUM/HISTORY:

- CM Russell Museum Complex
- Children’s Museum of Montana
- First Peoples Buffalo Jump State Park
- Galerie Trinitas
- Lewis & Clark National Historic Trail Interpretive Center
- Malmstrom Air Force Base Museum & Air Park
- Montana Museum of Railroad History
- Paris Gibson Square Museum of Art
- The History Museum
- Ursuline Centre

SPORTS & ENTERTAINMENT VENUES:

- Centene Stadium
- Montana ExpoPark & Four Seasons Arena
- MultiSports Complex
- Siebel Soccer Fields
- Great Falls Ice Plex

TRANSPORTATION HUBS

- Airport
- Bus Transit Transfer Station
- North Parking Garage
- South Parking Garage
- Weissman Walking Bridge

EDUCATIONAL INSTITUTIONS:

- University of Providence
- Great Falls College - MSU

CIVIC GOVERNMENT SERVICES:

- Cascade County Courthouse
- Montana Fish Wildlife & Parks
- US District Court
- Public Library

POPULAR CITY PARKS & RECREATION:

- Broadwater Bay Park
- Broadwater Overlook Park
- Electric City Water Park
- Elks Riverside Park
- Gibson Park
- Golf Courses:
 - Eagle Fall Golf Club
 - Anaconda Hills Golf
- Jaycee Park & Pool
- Oddfellows Park
- River’s Edge Trail / Caboose Trailhead
- Wadsworth Park





2.0

Planning Process

Assess

During the Assess Phase the team analyzed existing plans that the City of Great Falls had already completed. The team also collected and reviewed recommendations that supported the creation of a wayfinding plan through a comprehensive and highly participative community involvement and public outreach effort.

- **Creation of the Steering Committee**

Steering Committee members were selected to represent a variety of community organizations. Leaders from the business community, recreation management, government regulation and non-profit organizations participated throughout the development of the plan and ultimately selected the sign family design.

- **The Explore Great Falls Wayfinding Facebook Page**

The Facebook page was the primary way for the public to track the project throughout its development. Relying on a follower base associated with the Destination Downtown Great Falls Facebook page, the project was able to immediately tap into an existing network of community-minded followers.

- **Press Release**

Multiple press releases were used throughout the project to inform the media on significant events and project developments.

Explore

The Explore Phase focused attention towards understanding what is important to Great Falls and which destinations are most significant to community members. Destinations, recreational locations and community amenities were identified and collected from committee members and the public. The locations were categorized and inventoried and provided the basis for plan development.

Community Remarks

Destination and location information was collected online using a mapping platform called Community Remarks. This platform provided participants with the opportunity to drop a pin onto a map and comment on the locations and amenities special to them.

Online Survey

To refine the destination information collected from Community Remarks, and to better understand community identity and design preference, a survey was created and posted online. Over 300 responses were collected. Questions focused on prioritizing destinations and design preferences. Using design preference questions, participants were asked to rank which images and buildings appealed the most.

Design Work Sessions

Work sessions were held virtually with Steering Committee members and Stakeholders. Participants answered live poll questions developed to enhance the creation of sign characteristics. Using photos of local iconic buildings, architectural elements and other visual cues, the team collected information that was used in the development of three potential sign families.

Scavenger Hunt

The Expedition Scavenger Hunt was created to encourage the public to get involved in the creation of the wayfinding plan. Participants followed a series of clues that brought them on a tour of some of Great Falls destinations. Given restrictions on large public meetings, the Scavenger Hunt brought awareness to the planning effort without encouraging large public gatherings.

Apply

Final design concepts for the wayfinding signs and elements were created which integrate preferences and themes identified during the Design Work Session and from the public survey. Design options were presented to the Steering Committee for final selection. Once selected, construction documents were created for four of the signs from the selected design.

Routes and key intersections

Maps were created with proposed sign locations and were sent to Montana Department of Transportation, the City of Great Falls, Steering Committee members and the Stakeholder group for comment. Comments were incorporated and adjustments were made to the final proposed sign location maps. Mapping was focused on motorist and pedestrian travel based on significant public comment.

Motorist Directional Signs

Directional motorist signs were planned primarily along Principal Arterial routes as identified in the 2018 Great Falls Area Long Range Transportation Plan (LRTP) in order to reach the greatest number of travelers. According to the LRTP, the purpose of Principal Arterials are to “serve the major centers of activity, the highest traffic volume corridors...” Carrying the highest proportion of total traffic, placing signs along the Principal Arterials will enhance visibility to the most vehicles entering and leaving the area.

Pedestrian Directional Signs

Sign locations were chosen to enhance pedestrian connectivity between destinations in the historic downtown core. Downtown destinations were simplified to include only eleven Primary Destination locations. While several notable destinations exist in the downtown area, the number and density of these locations could complicate directional signs and create sign clutter. As an alternative, all downtown destinations could be included on informational kiosks and amenity maps.

Pedestrian Destinations

- Great Falls Visitor Information Center
- Great Falls Civic Center
- Gibson Park
- Weissman Walking Bridge
- CM Russell Museum
- Paris Gibson Square Museum
- Great Falls Transit Transfer Station
- The History Museum
- Electric City Water Park
- Rivers Edge Trail
- City Parking Structures
- West Bank Park



Gateways and Kiosk Locations

Gateways are locations that define entry into a distant place with a defined identity. Typically designated with a monument or artwork, gateways are the first indication that a visitor has arrived into a particular place and provide an opportunity for a community to create a placemaking identity.

Information kiosks provide maps and other navigational information or can even provide destination information. Kiosks locations were also selected based on the availability of open space and are most effective when placed in plazas, parks, rest areas or other locations where pedestrians travel. Due to their size, kiosks locations must be large enough to allow for their construction. Additionally, a kiosk will display details and maps and are meant to serve as gathering points and destinations in and of themselves. Space should also be allocated to promote congregation and visibility of the kiosk at a distance.

**Kiosk location opportunity:
Great Falls Tourist Visitor Center**



**Gateway Sign opportunity:
2ND ST S entrance point from 10th Ave**



Utilize Existing Structures





3.0 Design

Federal Design Guidance Document

The Manual on Uniform Traffic Control Devices, or MUTCD, is a document issued by the Federal Highway Administration (FHWA) of United States Department of Transportation and used by the Montana Department of Transportation. The MUTCD specifies the standard for all traffic control devices installed on any street, highway, bikeway, or private road open to public travel. The Community Wayfinding Sign standards allow for slight deviations from typical traffic control parameters. Wayfinding sign design may incorporate brand specific design elements through the use of enhancement markers, and color variations.

Sign Aesthetic & Character

Visual preference surveys of stakeholders, along with Cushing Terrell's research and observations, informed the look and feel of the draft sign concepts. Three draft concepts were presented to the Core Team for discussion, from which two were refined for presentation to the Steering Committee.

During a Steering Committee working session, stakeholders were able to give feedback on the two concepts that were presented and together discuss character, functionality, and practical issues of both. The discussion led to a decision for the selected preference with modification to the tagline: "DISCOVER".

The preferred sign design incorporates national best practices, community input, durable materials, and distinctive architectural details to create a unique wayfinding identity that reflects what makes Great Falls such a special place.

SIGN CHARACTERISTICS

Style:

Classical | Traditional | Historical
Retro-Contemporary
Iconic
Symmetry

Brand Graphic/Icon Inspiration:

Conservative with a contemporary bent
Forward-looking
Great Falls Tourism brand elements

Descriptors:

Motion/ Movement /Flowing / Fluid
Growing /Changing /Improving
Forward-thinking
Friendly / Welcoming
Straight - forward / Honest
Hardworking / Conservative / Blue collar

User Focus:

Motorist - Great Falls overall
Motorist & Pedestrian - Downtown
Identity Influences
Missouri River
The Falls
The Springs
'By the River'
Outdoor Rec culture
Artistic

Fabrication /Construction

Implementable | Maintainable | Economical

Icon Sign Graphic



(Artwork provided)

Sign Color Palette



PANTONE 298C - Light Blue
C66 M10 Y1 K0



PANTONE 648C - Navy Blue
C100 M85 Y35 K35



WHITE



WHITE Reflective

Fonts

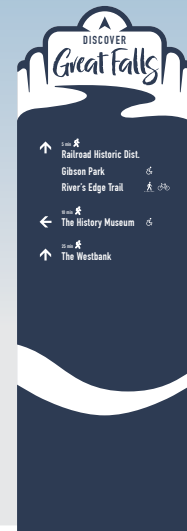
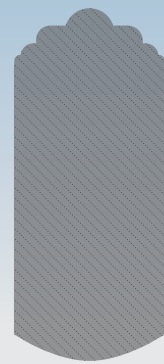
Pedestrian Directional signage:

DIN Schrift – 1451 Engschrift
AaBbCcDdEeFfGgHhIiJjKkLl
MmNnOoPpQqRrSsTtUuVv
WwXxYyZz
1234567890

Motorist Directional signage:

Mission Gothic - Regular
AaBbCcDdEeFfGgHhIiJjK-
kLl MmNnOoPpQqRrSsTt
UuV WwXxYyZz
1234567890

Iconography and Symbols



PRIMARY HEADER / BRAND GRAPHIC
Secondary headers - color usage

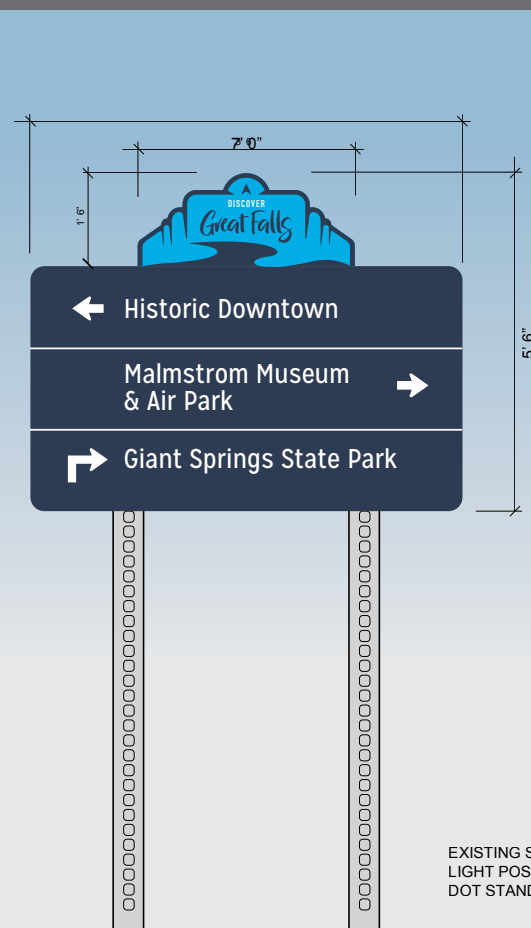
PRIMARY SIGN SHAPE

Pedestrian Totem
Informational Side 1

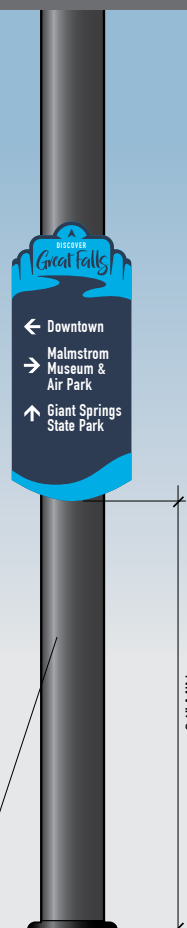
Profile
View

Pedestrian Totem
Directional Side 2

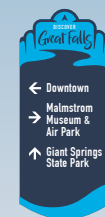
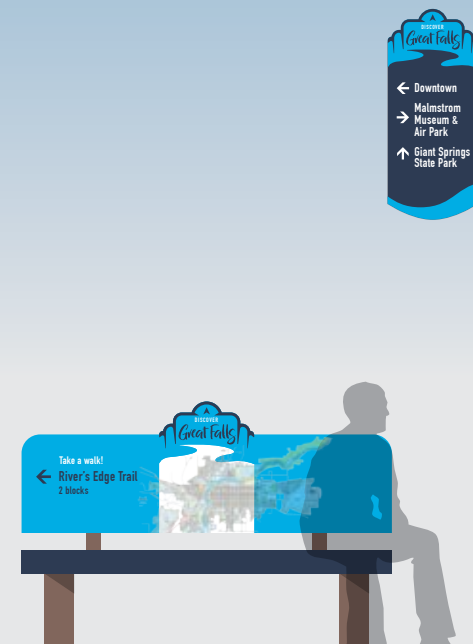
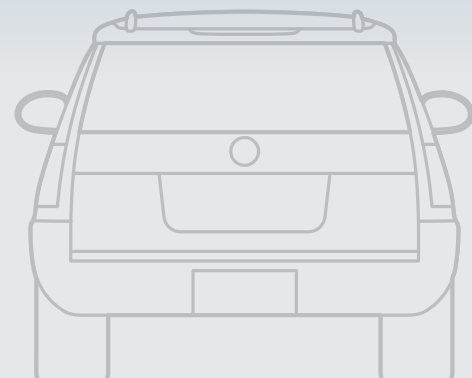
Informational & Orientation Kiosk - Side 1
(Directional - side 2)



EXISTING STREET
LIGHT POST, OR NEW
DOT STANDARD POLE

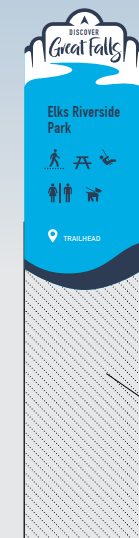


84" MIN.



84" MIN.

EXISTING STREET
LIGHT POST, OR NEW
DOT STANDARD POLE



THIS SIGN HEIGHT
MUST HAVE POLE/POST
STRUCTURE EQUAL TO
OR GREATER THAN
SIGN WIDTH



Cut out steel totem
for wind pass-thru

COMMUNITY WAYFINDING
MDT (MUTCD) STANDARD
with CUSTOM CAP

LARGE
ROADSIDE DIRECTIONAL

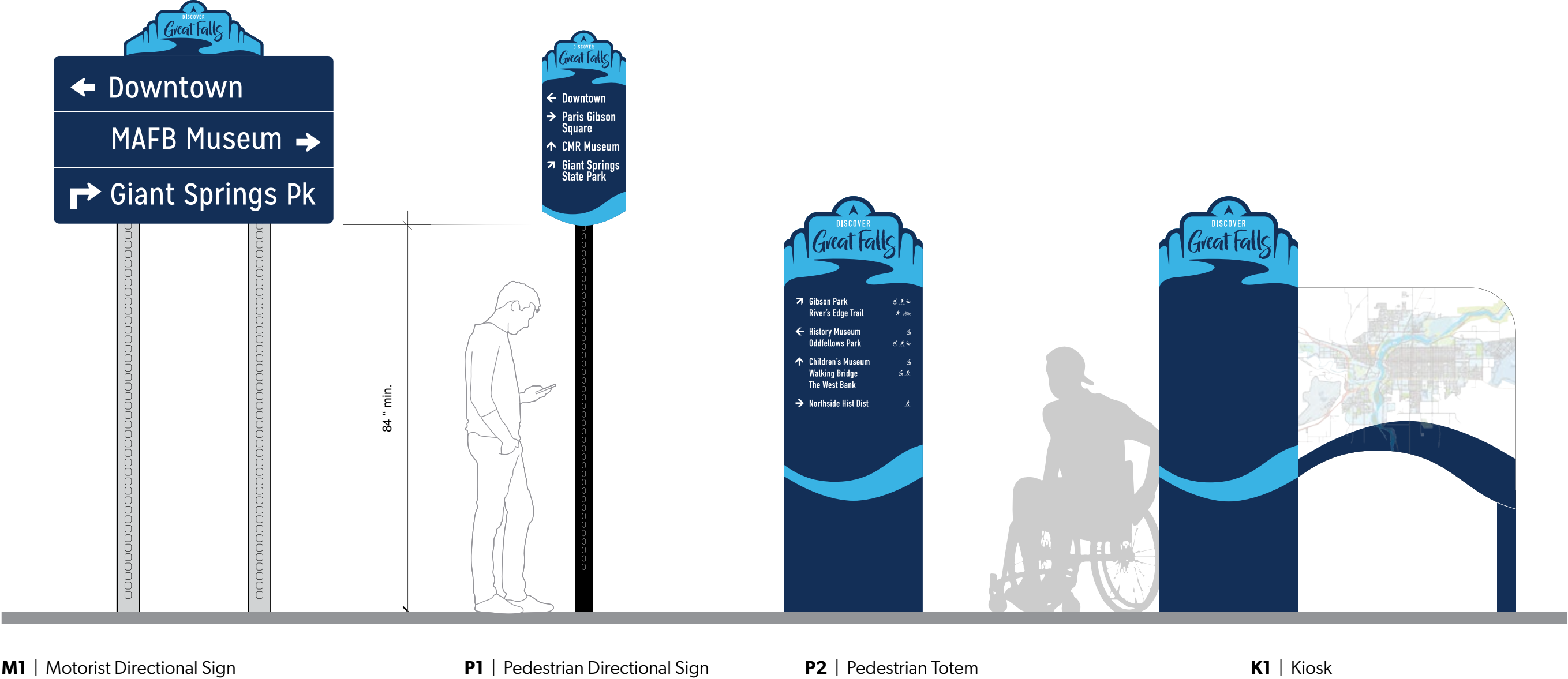
POLE WRAP
PED/BIKE

BENCH BACK

SMALL
ROADSIDE DIRECTIONAL

PEDESTRIAN/BIKE ICON

Final Primary Sign Family





4.0
Maps

Amenity Location

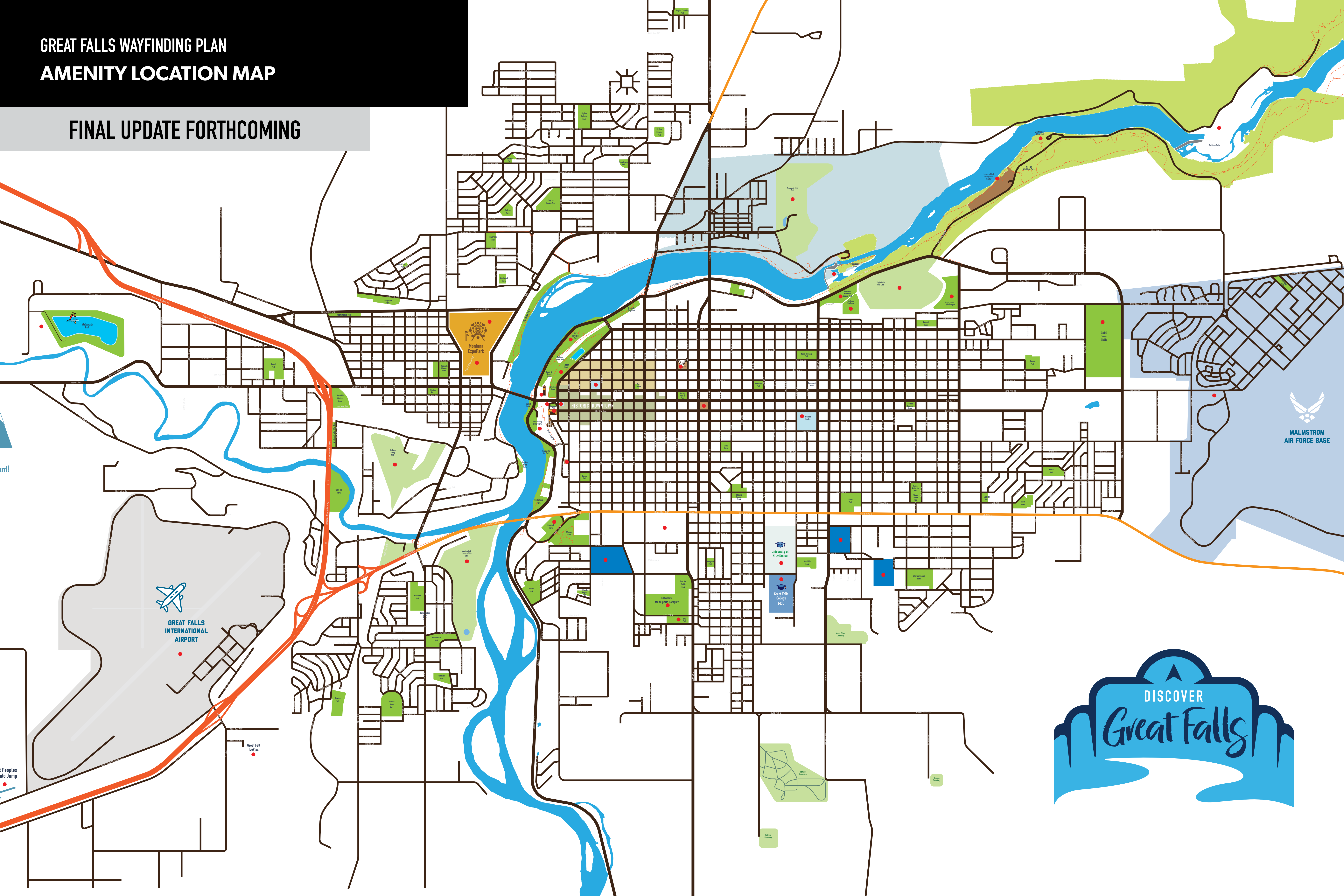
Motorist Sign Location

Pedestrian Sign Location

Kiosk/Gateway Opportunities

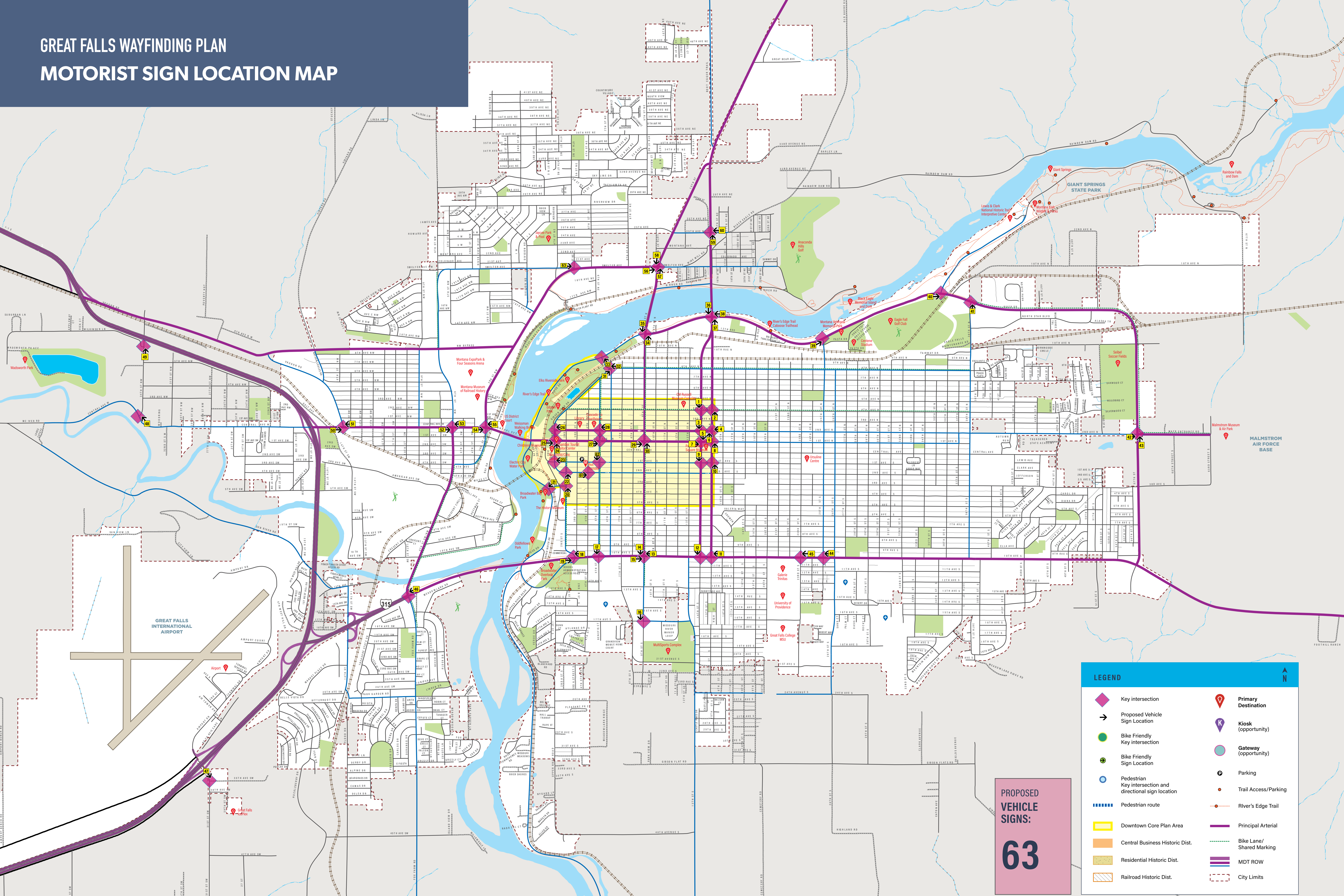
GREAT FALLS WAYFINDING PLAN
AMENITY LOCATION MAP

FINAL UPDATE FORTHCOMING



GREAT FALLS WAYFINDING PLAN

MOTORIST SIGN LOCATION MAP



LEGEND

Key intersection

Proposed Vehicle Sign Location

Bike Friendly Key Intersection

Bike Friendly Sign Location

Pedestrian Key Intersection and directional sign location

Pedestrian route

Downtown Core Plan Area

Central Business Historic Dist.

Residential Historic Dist.

Railroad Historic Dist.

Primary Destination

Kiosk (opportunity)

Gateway (opportunity)

Parking

Trail Access/Parking

River's Edge Trail

Principal Arterial

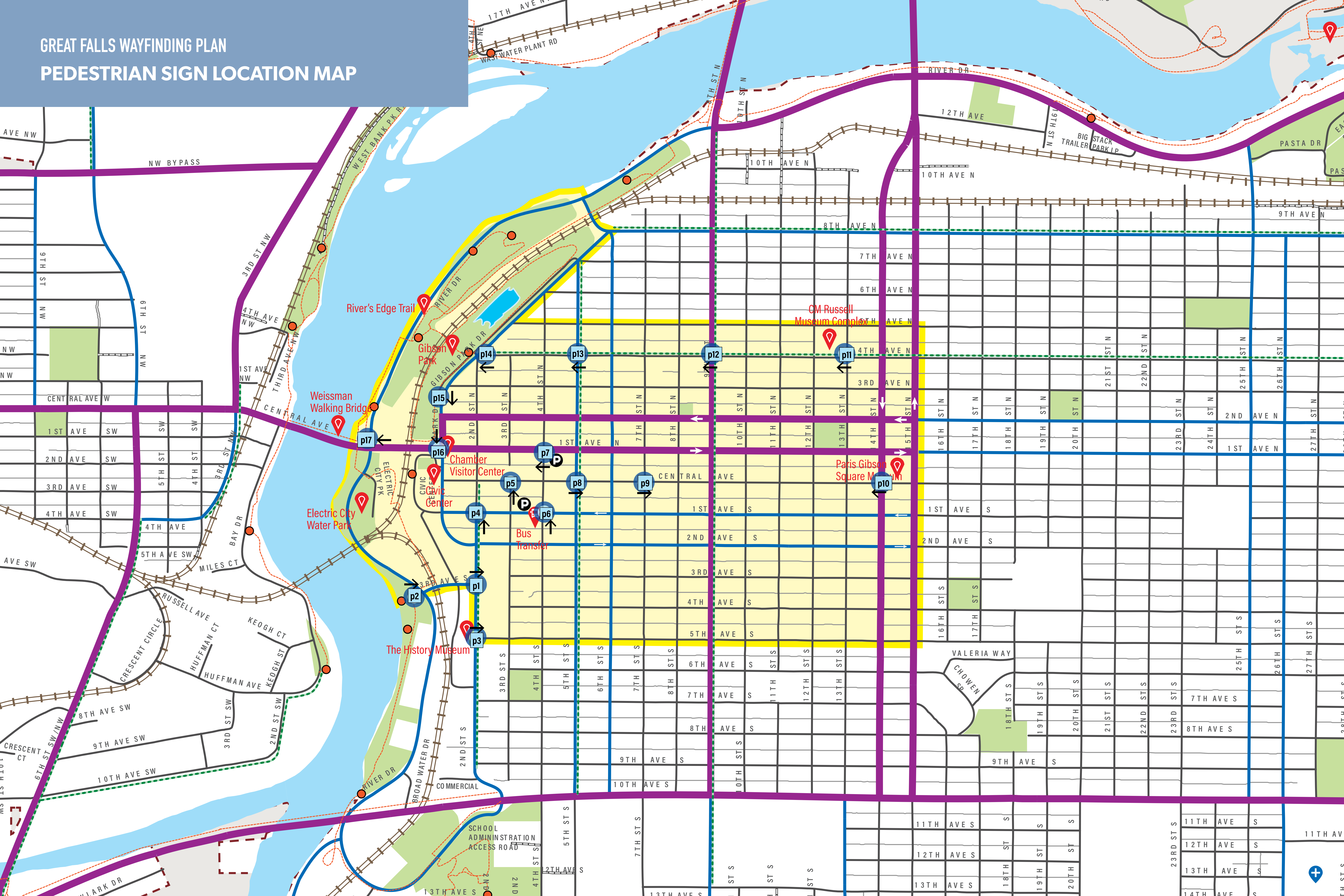
Bike Lane/ Shared Marking

MDT ROW

City Limits

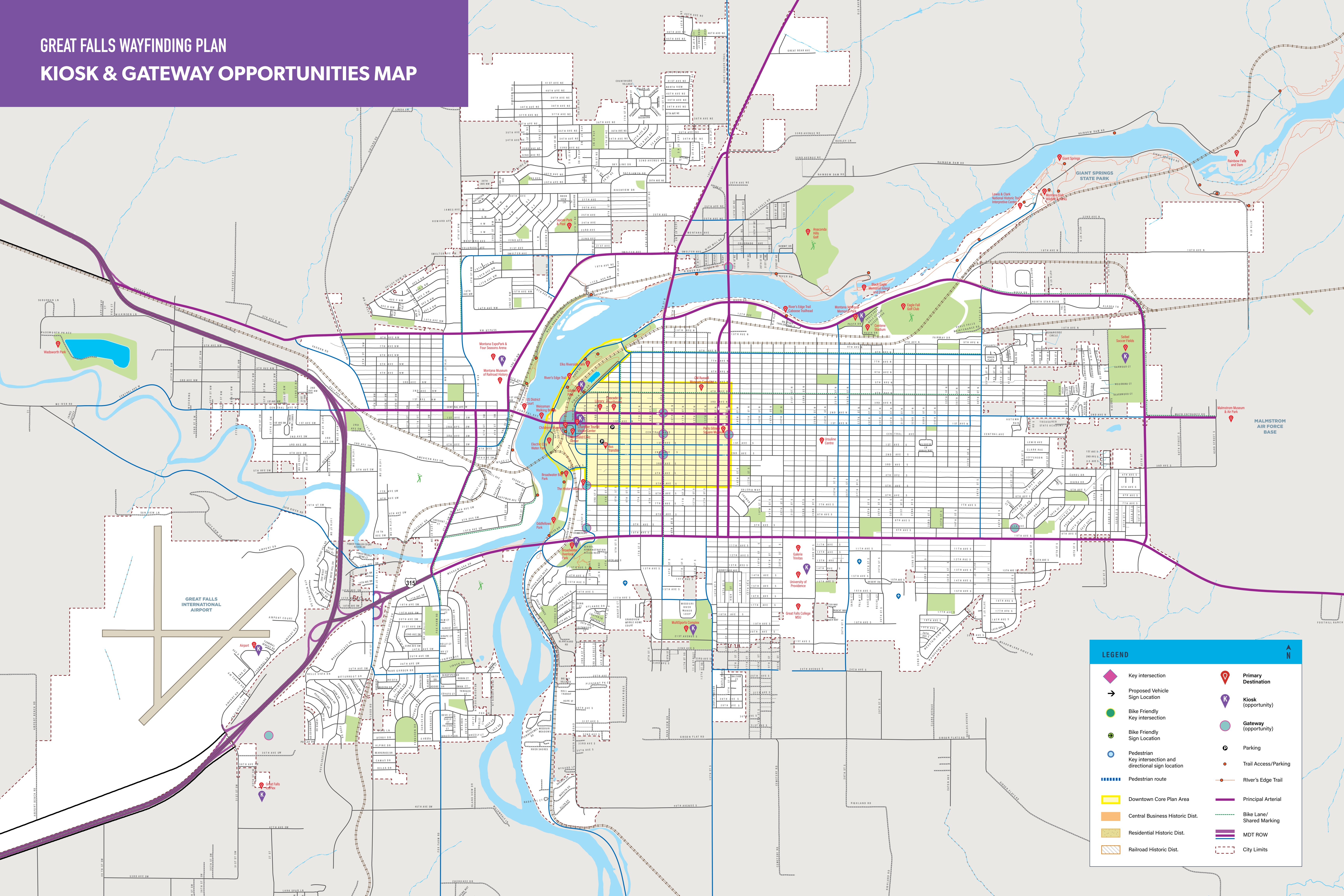
PROPOSED
VEHICLE
SIGNS:
63

GREAT FALLS WAYFINDING PLAN
PEDESTRIAN SIGN LOCATION MAP



GREAT FALLS WAYFINDING PLAN

KIOSK & GATEWAY OPPORTUNITIES MAP





Key intersection



Proposed Vehicle Sign Location



Bike Friendly Key intersection



Bike Friendly Sign Location



Pedestrian Key intersection and directional sign location



Pedestrian route



Downtown Core Plan Area



Central Business Historic Dist.



Residential Historic Dist.



Railroad Historic Dist.



Primary Destination



Kiosk (opportunity)



Gateway (opportunity)



Parking



Trail Access/Parking



River's Edge Trail



Principal Arterial



Bike Lane/Shared Marking



MDT ROW



City Limits



5.0

Sign Schedule

MOTORIST Directional Signs

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
1	M1 Roadway Directional	↑ → →	Paris Gibson Museum CM Russell Museum Gibson Park	Southbound - 14th St. N (US 87) (One way)	West side of 14th St N 4th Ave N intersection MDT ROW 30 mph	New Sign	
2	M1 Roadway Directional	↑ ↑ ←	Anaconda Hills Golf Course Rivers Edge Trail Caboose Gibson Park	Northbound - 15th St. N (US 87) (One way)	East side of 15th St N at 4th Ave N intersection MDT ROW 30 mph	New Sign	
3	M1 Roadway Directional	↑ → →	Paris Gibson Museum Public Library Rivers Edge Trail Access	Southbound - 14th St. N (US 87) (One way)	West side of 14th St N 2nd Ave N intersection; Traffic signal MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
4	M1 Roadway Directional	↑ → →	Historic Downtown Rivers Edge Trail Caboose Lewis & Clark Center	Westbound - 2nd Ave N (One way)	North side of 2nd Ave N 15th St N intersection; Traffic signal MDT ROW 30 mph		
5	M1 Roadway Directional	↑ ↑ ←	^ University of Providence ^ Paris Gibson Museum < Ursuline Center	Southbound - 14th St. N (US 87) (One way)	East side of 14th St N 1st Ave N intersection; Traffic signal; addressing left lane traffic MDT ROW 30 mph East side of 14th St N past 1st Ave N intersection addressing left lane traffic	New Sign Options: Update MDT Business Dist. sign with new sign at this location	 
6	M1 Roadway Directional	↑ ← ←	Rivers Edge Trail Caboose Public Library Gibson Park	Northbound - 15th St. N (US 87) (One way)	West side of 15th St N 2nd Ave N intersection; Traffic signal; MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
7	M1 Roadway Directional	↑ →	Paris Gibson Museum MultiSport Complex	Eastbound - 1st Ave N (One way)	South side of 1st Ave N 14th St N intersection; Traffic signal MDT ROW 30 mph	New Sign	
8	M1 Roadway Directional	↑ ↑ ↖	Lewis & Clark Center Rivers Edge Trail Caboose Historic Downtown	Northbound - 15th St. N (US 87) (One way)	East side of 15th St N 1st Ave N intersection; Traffic signal; MDT ROW 25/30 mph	New Sign	
9	M1 Roadway Directional	↑ → →	MultiSport Complex Parking Civic Center	Southbound - 14th St. S (US 87) (One way)	West side of 14th St S 1st Ave S intersection; MDT ROW 25/30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
10	M1 Roadway Directional	↑ ← →	Rivers Edge Trail Caboose Civic Center Ursuline Center	Northbound - 15th St. S (US 87) (One way)	West side of 15th St S 1st Ave S intersection; MDT ROW 25/30 mph	New Sign	
11	M1 Roadway Directional	→ → →	Historic Downtown Paris Gibson Museum Rivers Edge Trail Caboose	Westbound - 10th Ave S (MT200)	North side of 10th Ave S 15th S S intersection; MDT ROW 35 mph	New Sign	
12	M1 Roadway Directional	← ← →	University of Providence Great Falls College - MSU MultiSport Complex	Southbound - 14th St. S (US 87) (One way)	West side of 14th St S 10th Ave S (MT200) intersection; MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
13	M1 Roadway Directional	↑ ← →	Overlook Park MulitSport Complex Historic Downtown	Westbound - 10th Ave S (US89)	North side of 10th Ave S 9th S S intersection; MDT ROW 35 mph	New Sign	
14	M1 Roadway Directional	↑ ← →	MultiSport Complex University of Providence Overlook Park	Southbound - 9th St. S	West side of 9th St S 10th Ave S (US89) intersection; MDT ROW 30 mph	New Sign	
15	M1 Roadway Directional	↑ ← →	University of Providence Historic Downtown MultiSport Complex	Eastbound - 10th Ave S (US89)	South side of 10th Ave S 9th S S intersection; MDT ROW 35 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
16	M1 Roadway Directional	←	MultiSport Complex	Southbound - 9th St. S	West side of 9th St S 17th Ave S intersection/ stop sign; MDT ROW 25-30 mph?	New Sign	
17	M1 Roadway Directional	← →	MultiSport Complex Overlook Park	Southbound - 5th St S (one way)	West side of 5th St S 10th Ave S (MT 200) intersection; MDT ROW 35 mph	New Sign	
18	M1 Roadway Directional	← ← →	Overlook Park Oddfellows Park History Museum	Westbound - 10th Ave S (US89)	North side of 10th Ave S (MT 200) 2nd SS/Overlook Dr. intersection; MDT ROW 35 mph	New Sign PED Crosswalk & sign Signs Prior to intersection: Right Lane Must Turn Right HISTORIC DIST. (right arrow)	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
19	M1 Roadway Directional	← ← →	History Museum Historic Downtown Overlook Park	Eastbound - 10th Ave S (US89)	South side of 10th Ave S (MT 200) Overlook Dr./2nd SS intersection; MDT ROW 35 mph	New Sign Signs Prior to intersection: Exit to River RD. (Turn Right) HISTORIC DIST. (right arrow) Visitor Info. (left arrow)	
20	M1 Roadway Directional Consider PED size Sign placed on existing posts or private property	← ← ←	Broadwater Bay Park Electric City Water Park Oddfellows Park	Northbound - 2nd S S	East side of 2nd SS Prior to intersection with 3rd Ave S MDT ROW 30 mph Emergency Snow Route	New Sign	 
21	M1 Roadway Directional	← → →	Oddfellows Park Electric City Water Park Elks Riverside Park	Westbound - 3rd Ave S	North side of 3rd Ave S Prior to intersection with River Dr. S MDT ROW 25 mph	New Sign PED Crosswalk	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
22	M1 Roadway Directional	← ← →	Civic Center Chamber of Commerce Parking	Northbound - 2nd S S	East side of 2nd SS Prior to intersection with 2nd Ave S MDT ROW 25 mph	New Sign	
23	M1 Roadway Directional	↑ → →	Children's Museum Civic Center Visitor's Center	Westbound - 1st Ave S (One Way)	North side of 1st Ave S Prior to intersection and merge lane with Park Dr. S MDT ROW 25 mph		
24	M1 Roadway Directional Possible: PED size sign	↑ ← →	Gibson Park MT Expo Park & Arena Paris Gibson Museum	Northbound - Park Dr. N	East side of Park Dr. N 1st Ave N intersection MDT ROW 25 mph	New Sign Option: Use large PED sign at intersection posts	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
25	M1 Roadway Directional	↑ ← →	Paris Gibson Museum Gibson Park Civic Center	Eastbound - 1st Ave N	South side of 1st Ave N Park Dr. N intersection MDT ROW 25 mph	New Sign Locate west of 'Civic Center' monument sign, south of HWY directional signs	
26	M1 Roadway Directional	← → →	Civic Center Gibson Park Elks Riverside Park	Westbound - 2nd Ave N	North side of 2nd Ave N Park Dr. N intersection MDT ROW 25 mph	New Sign Transfer 'North I15' signage to sign posts with new sign	
27	M1 Roadway Directional Possible: PED size sign	↑ ← →	Paris Gibson Museum Gibson Park Parking	Eastbound - 1st Ave N	South side of 1st Ave N 5th S N intersection MDT ROW 25 mph	New Sign Option: Use PED size sign and attach to existing historic light post	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
28	M1 Roadway Directional	↑ ← →	County Courthouse Parking Gibson Park	Westbound - 2nd Ave N	North side of 2nd Ave N 5th S N intersection MDT ROW 25 mph	New Sign	
29	M1 Roadway Directional	↑ →	Paris Gibson Park MultiSport Complex	Eastbound - 1st Ave N	South side of 1st Ave N 9th S N intersection MDT ROW 25 mph	New Sign	
30	M1 Roadway Directional	↙ →	County Courthouse Paris Gibson Museum	Northbound - 9th S. N	East side of 9th S N 1st Ave N intersection MDT ROW 25 mph		

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
31	M1 Roadway Directional	← →	Elks Riverside Park Historic Downtown	Northeast bound Park Dr. N	East side of Park Dr. N 6th S S intersection/junction MDT ROW 25 mph	New Sign Collect OLD WEST TRAIL on to new sign post with New sign	
32	M1 Roadway Directional	↑ ← ↙	Elks Riverside Park Historic Downtown Gibson Park	Westbound 8th Ave N	North side of 8th Ave N 6th S S intersection/junction MDT ROW 25 mph	New Sign consider Gateway opportunity in median area? Possible re-position sign prior to Stop Sign intersection ??	 
33	M1 Roadway Directional	← ← ←	Elks Riverside Park Weissman Walking Bridge Electric City Water Park	Northwest bound 6th S N	East side of 6th S N River Dr N intersection MDT ROW 25-30 mph	New Sign Collect OLD WEST TRAIL sign with this new sign Gateway opportunity prior to this intersection underpass of old railway bridge	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
34	M1 Roadway Directional	← → →	Gibson Park Rivers Edge Trail Caboose MT Veteran's Park	Northbound 9th S N	East side of 9th S N River Dr N intersection MDT ROW 30 mph	New sign Controlled Crosswalk	
35	M1 Roadway Directional	↑ ← →	Historic Downtown Rivers Edge Trail Caboose Elks Riverside Park	Southbound 9th S N	West side of 9th S N River Dr N intersection MDT ROW 30 mph	New Sign Collect signs: HISTORIC DIST (right arrow) VISITOR INFO (right arrow) onto this new sign	 
36	M1 Roadway Directional	↑ ← →	Historic Downtown Rivers Edge Trail Caboose Gibson Park	Southbound 15th S N	West side of 15th S N River Dr N intersection MDT ROW 30 mph	New Sign Remove current MDT directional signs and collect sign message information to new community wayfinding sign as shown here:	 

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
37	M1 Roadway Directional	↑ ← →	Black Eagle Falls Gibson Park Rivers Edge Trail Caboose	Northbound 15th S N	East side of 9th S N River Dr N intersection MDT ROW 30 mph	New sign Option: Wrap utility box with branded design	
38	M1 Roadway Directional	↑ ← →	Gibson Park CM Russell Museum Black Eagle Falls	Westbound River Dr N	North side of River Dr N 15th S N intersection MDT ROW 30 mph	New Sign	
39	M1 Roadway Directional	↑ → →	Eagle Falls Golf Course MT Veteran's Park Centene Stadium	Northbound 25th S N Eastbound River Dr N	East side of 25th S N River Dr N intersection MDT ROW 30 mph South side of River Dr N prior to 25th S N intersection MDT ROW 30 mph	New Sign Combine Giant Springs Sign messaging on new sign Opportunity to Collect various directional signs to one sign post: Golf Course Icon sign/Vets Memorial/Centene Stadium/etc.	 

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
40	M1 Roadway Directional	↑ ← ←	Siebel Soccer Fields Lewis & Clark Center Giant Springs State Park	Southbound Giant Springs Rd	South side of River Dr N facing traffic entering from Giant Springs Rd T-junction MDT ROW 30 mph	New Sign Large sign to direct visitors to destinations both east and west from this T-junction.	
41	M1 Roadway Directional	← ← →	Lewis & Clark Center Giant Springs State Park Siebel Soccer Fields	Northbound 38th S N	East side of 38th S N River Dr N intersection MDT ROW 30 mph	New Sign	
42	M1 Roadway Directional	↑ ←	Malstrom Air Force Base Siebel Soccer Fields	Eastbound 2nd Ave N	South side of 2nd Ave N 57th S intersection MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
43	M1 Roadway Directional	↑ ← →	Siebel Soccer Fields Historic Downtown Malstrom Air Force Base	Northbound 57th S	East side of 57th S 2nd Ave N intersection MDT ROW 30 mph	New Sign	
44	M1 Roadway Directional	↑ →	Galerie Trinitas Ursuline Center	Westbound 10th Ave S (MT 200)	North side of 10th Ave S 25th S S intersection MDT ROW 30 mph	New Sign	
45	M1 Roadway Directional	← ← ←	Galerie Trinitas University of Providence Great Falls College - MSU	Westbound 10th Ave S (MT 200)	North side of 10th Ave S 23th S S intersection MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
46	M1 Roadway Directional	→ → →	MT Railroad Museum MT ExpoPark & Arena US District Court	Northwest bound 6th S SW/NW	East side of 6th S SW beyond Country Club Blvd intersection MDT ROW 40 mph	New sign Position near Trail approach	
47	M1 Roadway Directional	↑ ↑	Great Falls Ice Plex Buffalo Jump State Park	Northbound 31ST SW	East side of 31ST SW beyond 35th Ave SW intersection City of Great Falls ROW	New Sign Opportunity to incorporate with MDT (green) sign	
48	M1 Roadway Directional	→	Wadsworth Park	Northwest bound Central Ave W	Northeast side of Central Ave W 34th S NW T-junction Cascade County ROW	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
49	M1 Roadway Directional	←	Wadsworth Park	Northbound 34th S NW	East side of 34th S NW Wilkinson Rd. T-junction Cascade County ROW	New Sign	
50	M1 Roadway Directional	↑ ↑ ↑	MT Railroad Museum MT ExpoPark & Arena Historic Downtown	Eastbound Central Ave W	South side of Central Ave W near Vaughn Rd. T-junction MDT ROW 40 mph	New Sign	
51	M1 Roadway Directional	↑	Wadsworth Park	Westbound Central Ave W	North side of Central Ave W prior to Vaughn Rd. T-junction MDT ROW 40 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
52	M1 Roadway Directional	↑ ↑ ←	MT Railroad Museum MT ExpoPark & Arena Jaycee Park & Pool	Eastbound Central Ave W	South side of Central Ave W 6th S NW intersection MDT ROW 30 mph	New Sign	
53	M1 Roadway Directional	↑ →	Wadsworth Park Jaycee Park & Pool	Westbound Central Ave W	North side of Central Ave W 6th S NW intersection MDT ROW 30 mph	New Sign Option: Include Airport icon sign onto new sign	
54	M1 Roadway Directional	↑ ← ←	Historic Downtown US District Court MT ExpoPark & Arena	Eastbound Central Ave W	South side of Central Ave W 3rd S NW intersection MDT ROW 30 mph	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
55	M1 Roadway Directional	→ → →	MT Railroad Museum US District Court MT ExpoPark & Arena	Westbound Central Ave W	North side of Central Ave W 3rd S NW intersection or further east near rail crossing MDT ROW 30 mph	New Sign	
56	M1 Roadway Directional	↑ ↑ →	Anaconda Hills Golf Course Black Eagle Falls Historic Downtown	Eastbound Smelter Ave	South side of Smelter Ave Old Havre HWY/10th S NE intersection MDT ROW 30 mph South side of Smelter Ave	New Sign Possible incorporation of smaller sign on decorative light posts (refinery ROW) Incorporate new sign with existing MDT (green) directional sign	 
57	M1 Roadway Directional	← → →	MT ExpoPark & Arena Anaconda Hill Golf Course Black Eagle Falls	Northbound 10th S NE	East side of 10th S NE Smelter Ave intersection MDT ROW 30 mph	New Sign Consider PED size sign on directional arrow post upright prior to intersection	 

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
58	M1 Roadway Directional	↑ ← →	Historic Downtown Anaconda Hills Golf Course MT ExpoPark & Arena	Southbound Old Havre HWY/ 10th S NE	West side of Old Havre HW Smelter Ave intersection MDT ROW 30 mph	New Sign	
59	M1 Roadway Directional	→	Rainbow Dam	Northbound 15th S NE	East side of 15th S NE 25th Ave N intersection Cascade County/Black Eagle ROW	New Sign Consider incorporation of 'Rainbow Dam' sign with new sign	 
60	M1 Roadway Directional	←	Historic Downtown	Westbound 25th Ave N	North side of 25th Ave N 15th S NE intersection Cascade County/Black Eagle ROW	New Sign	

NO.	SIGN TYPE	DIRECTION	CONTENT	DRIVING DIRECTION	LOCATION SPECIFICS	NOTES	PHOTO
61	M1 Roadway Directional	← ←	Bus Transfer Station Parking	Eastbound 2nd Ave S	South side 2nd Ave S intersection 4th St S	New Sign	
62	M1 Roadway Directional	→ →	Parking Civic Center	Southbound 5th Street S	West side of 5th Street S intersection 1st Ave S	New Sign	
63	M1 Roadway Directional	↑ ←	Anaconda Hill Golf Course Jaycee Park & Pool	Eastbound on Smelter	South side of Smelter Ave intersection 4th Street NE	New Sign	

5.0

Sign Schedule

PEDESTRIAN Directional Signs

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p1	P1 Pedestrian Directional	← →	Civic Center The History Museum		position in City of Great falls ROW	sidewalk on East side of	
p2	P1 Pedestrian Directional	↑ ← →	Historic Downtown < Electric City Water Park <Walking Bridge		position in City of Great falls ROW		

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p3	P1 Pedestrian Directional	← ← ← ←	Historic Downtown Civic Center GF Transfer Station Tourist Information Center		position on History Museum property or within City of Great falls ROW		
p4	P1 Pedestrian Directional	← ← ← → →	Civic Center Tourist Information Center Rivers Edge Trail Parking GF Transfer Station		Intersection of 2nd S N/ 1st Ave S position in City of Great falls ROW if possible, further north on 2nd S N from intersection	New Sign Utilize existing structures if possible: Bus Shelter, benches; pole wraps, utility boxes...	 

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p5	P1 Pedestrian Directional	← →	Civic Center Paris Gibson Museum		Intersection of 3rd St/Central Ave At the CMR Statue City of Great falls ROW	New Sign CMR statue Plaza: 	  
p6	P1 Pedestrian Directional	↑ ← ←	North Parking South Parking Civic Center		Intersection of 1st Ave S/4th S S		

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p7	P1 Pedestrian Directional	↑ ↑ ↑	Tourist Information Center Weissman Walking Bridge Rivers Edge Trail		Position at EXIT of Parking Garage N on sidewalk of 4th S N position in City of Great falls ROW	New Sign Consider attachment to pillar of Parking Garage structure 	 
p8	P1 Pedestrian Directional	↑ ↑	Paris Gibson Museum CM Russell Museum		Intersection of 5th St/Central Ave City of Great falls ROW	New sign Location specifics: Position near/behind National Historic Marker sign in sidewalk bump-out 	 

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p9	P1 Pedestrian Directional	↑ ↑	Paris Gibson Museum CM Russell Museum		Intersection of 7th St /Central Ave City of Great falls ROW	New sign Leverage area art at SipnDip 	 
p10	P1 Pedestrian Directional	↑ ↑	Rivers Edge Trail CM Russell Museum		Intersection of 14th St N /Central Ave at Paris Gibson Square City of Great falls ROW	New sign	
p11	P1 Pedestrian Directional	← ←	Gibson Park Rivers Edge Trail		CMR Museum 4th Ave N and 13th St N City of Great falls ROW	New sign	

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p12	P1 Pedestrian Directional	↑ ↑	Gibson Park Rivers Edge Trail		Intersection of 9th St N /4th Ave N position in City of Great falls ROW if possible	New sign Keep Pedestrians signs to north side of 4th Ave following the Northside Historic District signage	 
p13	P1 Pedestrian Directional	↑ ↑	Gibson Park Rivers Edge Trail		Intersection of 5th St N /4th Ave N position in City of Great falls ROW if possible	New sign Keep Pedestrians signs to north side of 4th Ave following the Northside Historic District signage Utilize corner of private property apartment building if possible	 

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p14	P1 Pedestrian Directional	↑ ↑ ←	Gibson Park Rivers Edge Trail Civic Center		Intersection of Park Dr. N /4th Ave N near Gibson Park Main Entrance position in City of Great falls ROW if possible	New Sign Position at crosswalk or out of MDT ROW with the Northside Historic Dist. Sign	  
p15	P1 Pedestrian Directional	↑ ↑ ↑	Tourist Information Center Civic Center Weissman Walking Bridge		Intersection of Park Dr. N /3th Ave N near Gibson Park Exit Drive position in City of Great falls ROW if possible	New Sign	 

NO.	SIGN TYPE	DIRECTION	CONTENT		LOCATION SPECIFICS	NOTES	PHOTO
p16	P1 Pedestrian Directional	↑ ← → →	Civic Center Parking Weissman Walking Bridge Rivers Edge Trail		Intersection of Park Dr. N /1st Ave N by either crosswalk signal east of Park Dr. position in City of Great falls ROW if possible	New sign Route Peds to sidewalk on east side of Park Dr. / Cross to west side via Chamber corner only Revitalize Existing signage	 
p17	P1 Pedestrian Directional	↑ ← → →	West Bank Park Electric City Water Park Rivers Edge Trail Gibson Park		Intersection of River Dr. N / Central Ave Position near entrance to Weissman Walking Bridge position in City of Great falls ROW if possible	New Sign	

6.0
Implementation

Cost Estimates

TBD

Permitting

Encroachment Permit Montana Department of Transportation

Before a sign can be installed along a road that is a state controlled route, an Encroachment Permit must be approved by the Montana Department of Transportation.

A permit can be issued for multiple signs on the same MDT route and will allow installation of a sign at the locations and methods approved during the permit review.

The applicant for this permit would ultimately be responsible for the signs. Sign maintenance will be required to keep the signs in “like new” condition, meaning clean, installed properly, and appropriate messaging. If the sign are not maintained, MDT may remove them after an effort was made to have the signs improved to a compliant condition.

[\[See Appendix for MDT Controlled Routes \]](#)



**CITY OF GREAT FALLS
WAYFINDING PLAN**



APPENDIX

Design Drawings

Proposed Designs

Community Remarks

Survey Results



DESIGN DOCUMENTS

GREAT FALLS WAYFINDING PLAN

Great Falls Business Improvement District
318 Central Avenue | Great Falls, Montana 59404 | info@gratfallsbid.com

DRAFT
10/16/2020

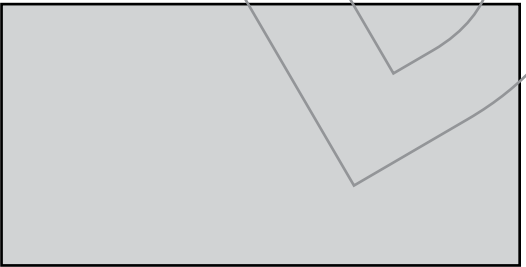
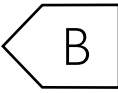
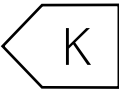
CONTENTS:

Graphic Standards	2
Sign Fabrication.....	3
Sign Family Overview	4
Motorist Directional Signage	5
Motorist Directional Sign Panel	6
Pedestrian Directional Sign & Panel	7
Pedestrian Totem & Sign Panel	8
Kiosk	9

GRAPHIC STANDARDS

SIGN MATERIALS / COLOR PALETTE

Contractor is responsible for matching all colors and materials within the palette as specified and is required to provide color and material samples for each sign type to the Project Owner for approval.

						
	 White	 White Reflective	 Light Blue	 Navy Blue	 Black	 Aluminum
COLOR	White	MP18071	Color match: C66 M10 Y1 K0 Pantone 298C	Color match: C100 M85 Y35 K35 Pantone 648C	Deep Black Color match: k100	
MATERIAL/ PROCESS	TBD	TBD	TBD	TBD	Powder Coat; prismatic powder	Metal

All retro-reflective vinyl material to receive UV/Anti-Graffiti over-laminate, or owner approved equal.

All painted surfaces to receive Matthews Paint Ultraviolet (UV) and Anti-Graffiti coating, or owner approved equal.

GENERAL NOTES

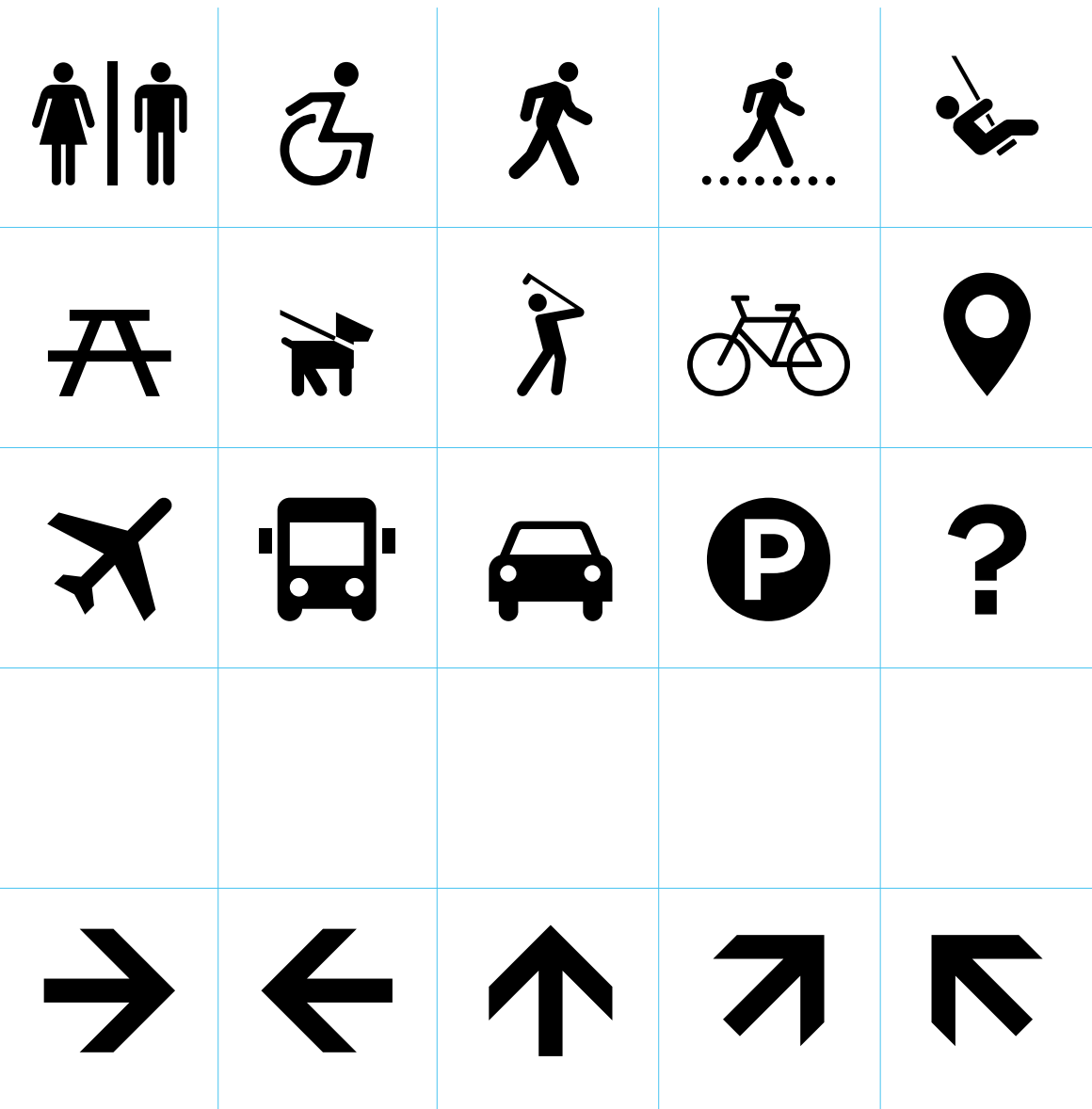
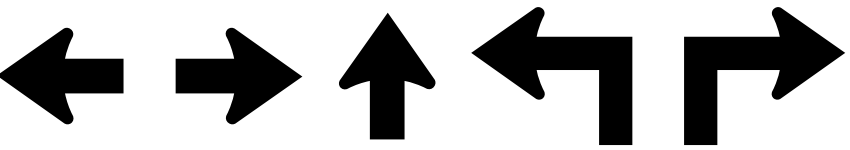
These drawings illustrate design intent only and are not for construction. All final engineering and conditions of the project are the responsibility of the contractor. Contractor shop drawings must be submitted for approval, prior to proceeding with fabrication.

The quality of fit and finish on the final product must meet or exceed the requirements of these design intent documents. Any variations to design, materials, or fabrication methods must be approved by the Owner or Representative.

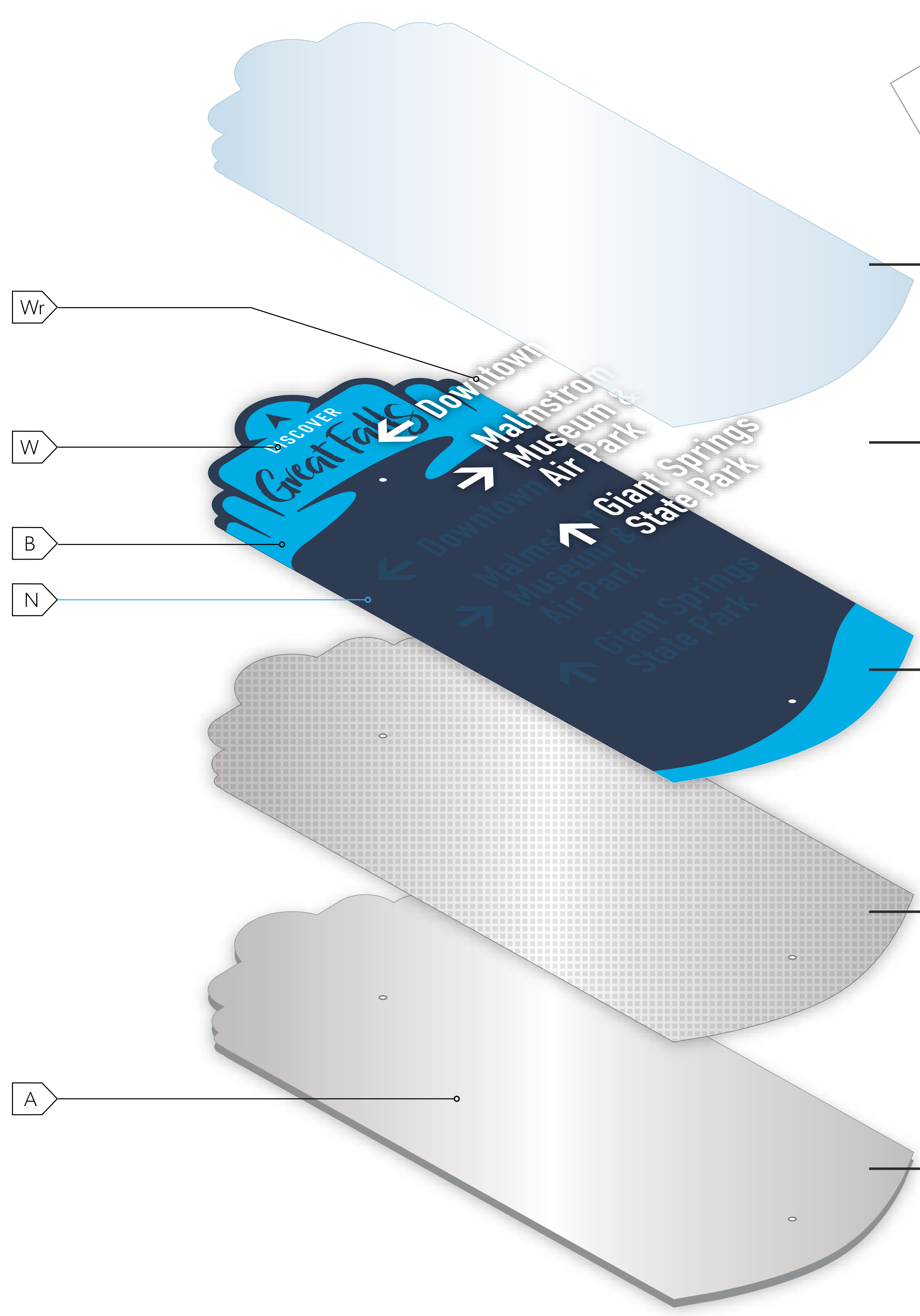
- Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys may be required prior to fabrication and installation.
- Sign messaging should be referenced to the Sign Schedule. Messages shown here are for general reference only.
- Color systems should be referenced within these drawings for actual specifications. Colors shown are for reference only.

Fabrication

- All welds shall be ground smooth, paint all seams.
- All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.

SIGN TYPE	TYPOGRAPHY Fabricator is responsible for acquiring project related fonts. No substitute typefaces will be accepted. Set kerning tracks to visually approximate sign drawings. Kerning shown may vary from exact kerning used to create sign drawings. Refer to specific applications for type sizes and leading requirements.	ARTWORK All artwork shown here shall be provided by Project Owner as electronic vector art.		
		SIGN LOGO GRAPHIC	SIGN FACE GRAPHIC	ICONS
PEDESTRIAN	DIN Schrift - 1451 Engschrift AaBbCcDdEeFfGgHhIiJjKkLl MmNnOoPpQqRrSsTtUuVv WwXxYyZz 1234567890	 		
MOTORIST	Mission Gothic - Regular AaBbCcDdEeFfGgHhIiJjKkLl MmNnOoPpQqRrSsTtUuVv WwXxYyZz 1234567890	Sign Topper 		Arrows -Typical Montana Department of Transportation standard 

SIGN FABRICATION



OVERLAY FILM

- Added for protection against weather, graffiti, and sun exposure

SIGN TEXT AND ARROWS

- Retroreflective letters may be added to blank sign backgrounds (as shown) or printed with sign backing

SIGN BACKING - TOP

- Retroreflective film
- May be batch printed blank or individually printed with full sign text and arrows

SIGN BACKING - BOTTOM

- Retroreflective sheeting

ALUMINUM SHEET

- 0.080" (12 gauge) aluminum
- rounded/eased corners
- 0.375" mounting holes (2x, drilled)

FABRICATION NOTES:

LIFE-CYCLE OF SIGN PANEL IMAGE:
7-10 YRS

SIGN PANEL
MATERIAL: .080 gauge aluminum

EDGES: routed, finished smooth

GRAPHICS: printed latex on high intensity prismatic reflective vinyl: (ATSM D4956-04 /Type IV)
Visibility at night: 1,000 ft

Design illustrates possible mounting and/or mounting hardware appearance and are for reference only. All hardware to be sized by contractor. Shop drawing submittals shall detail the actual hardware and connections. All connections must be designed for all applicable loads. Shop drawings shall not compromise the visual appearance of the sign shown.

NOTES:

- These details for reference only; Use artwork files for sign copy editing and printing; See Sign Schedule for sign copy, icons or symbols
- For destination names that exceed given dimensions/limits, adjust kerning and/or text height; Any adjustments to text kerning and/or height to be approved by Owner before printing

GENERAL NOTES

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- Color systems should be referenced within these drawings for actual specifications. Colors shown are for reference only.

Fabrication

- All welds shall be ground smooth, paint all seams.
- All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.

SIGN FAMILY OVERVIEW

GENERAL NOTES

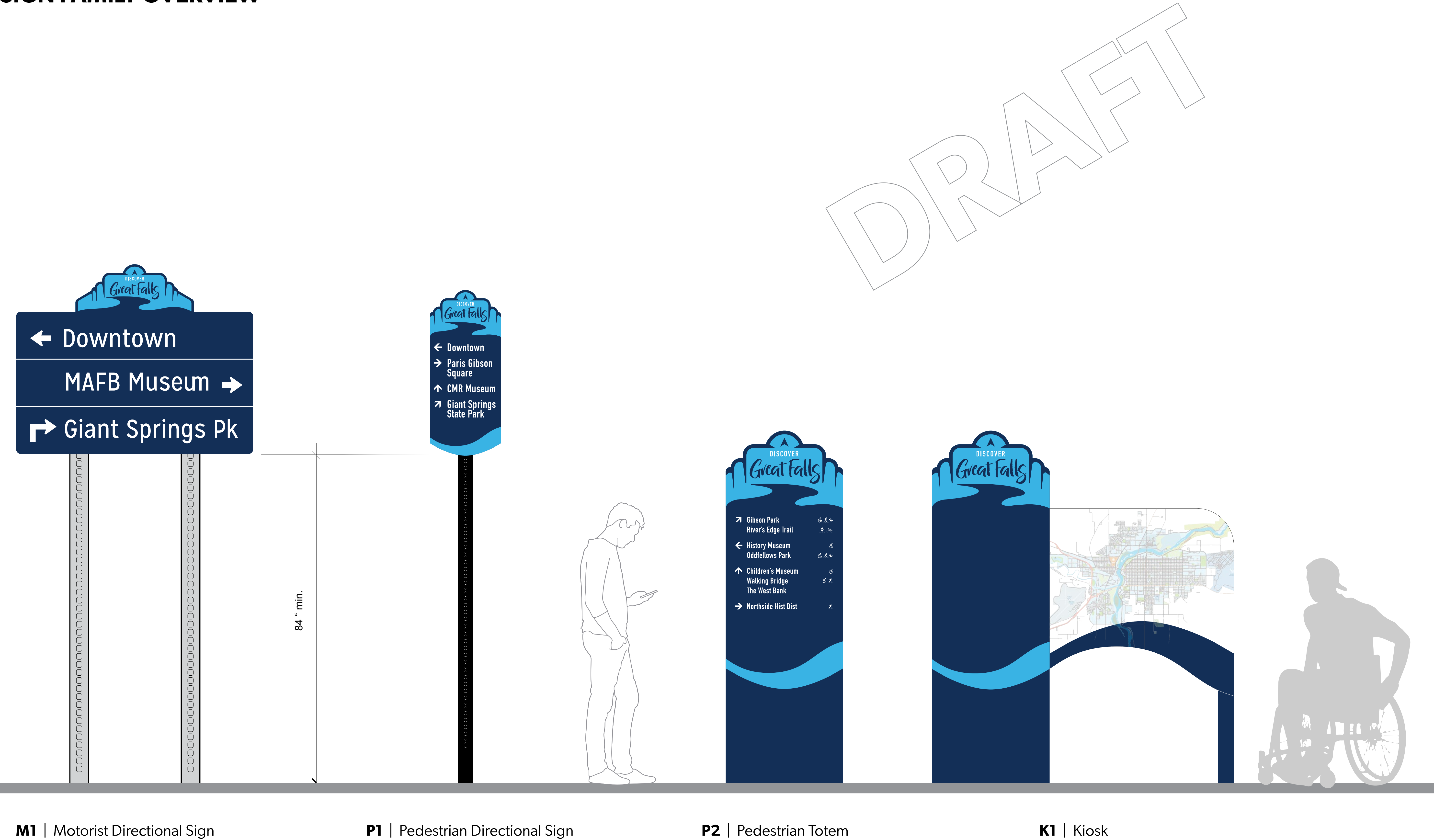
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Fabrication

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- All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.



M1 | Motorist Directional Sign

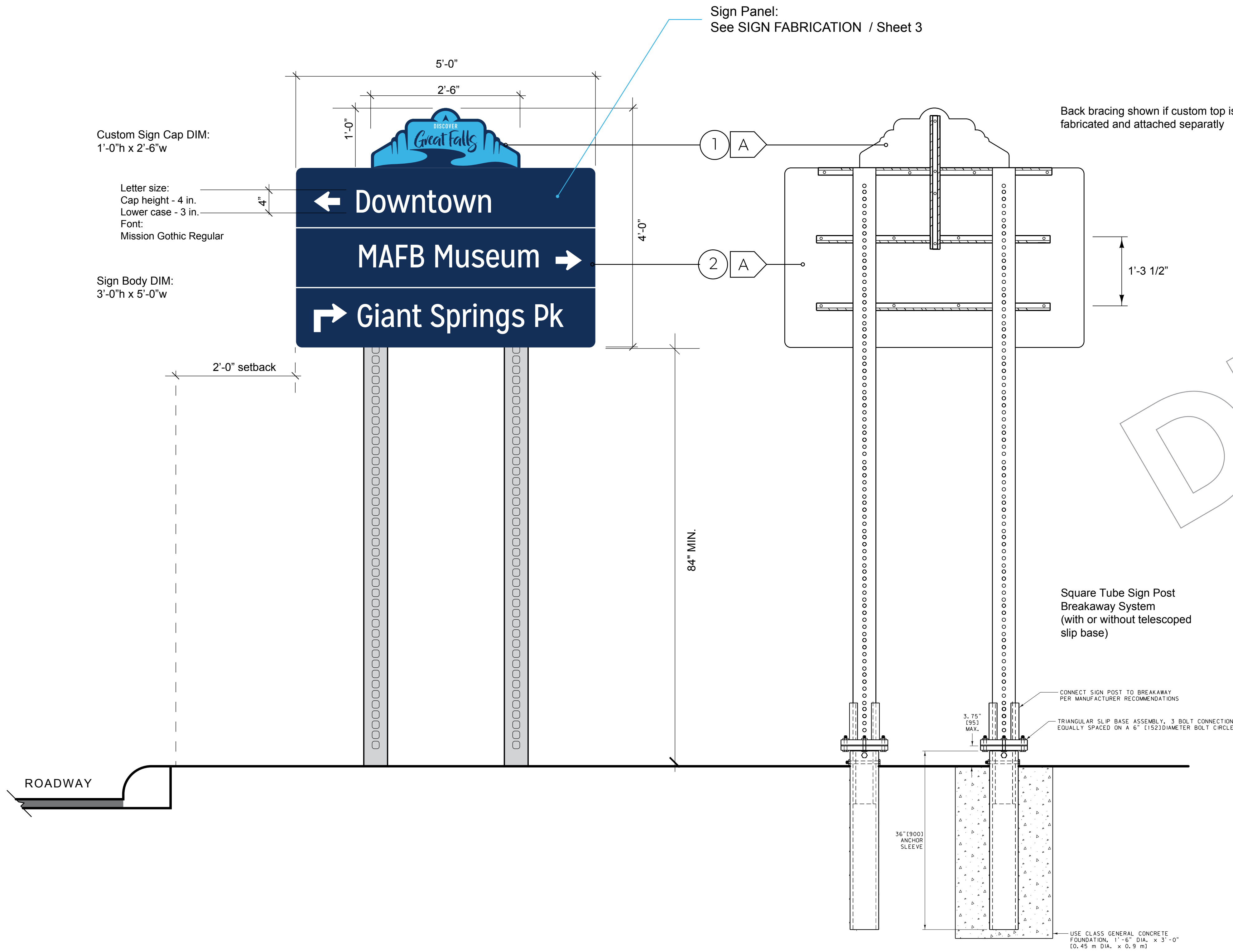
P1 | Pedestrian Directional Sign

P2 | Pedestrian Totem

K1 | Kiosk

MOTORIST DIRECTIONAL SIGNAGE

Community Wayfinding Sign | MUTCD/MDT Standard with Custom Cap

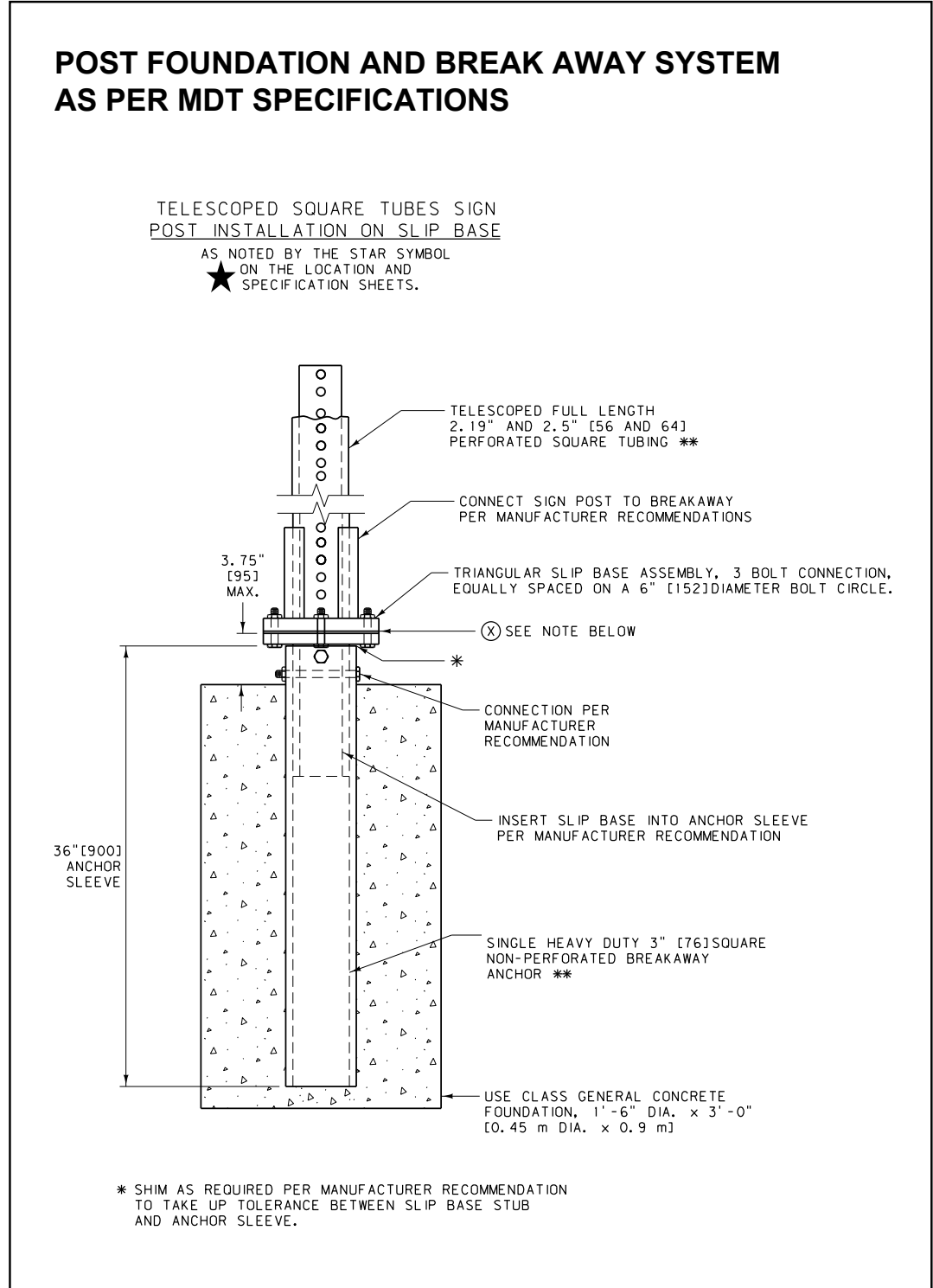


FRONT ELEVATION

1" = 1' - 0"

REAR ELEVATION

1" = 1' - 0"



FABRICATION NOTES:

1. SIGN TOPPER
MATERIAL: .080 gauge aluminum sign blank; custom shape
EDGES: routed, finished smooth
GRAPHICS: printed latex on high intensity prismatic reflective vinyl
COATING: 3m clear laminate with UV protection and scratch resistance
FASTENERS: 1" drive rivets, 3/8" shaft

2. SIGN PANEL
MATERIAL: .080 gauge aluminum sign blank (MUTCD standard)
EDGES: routed, finished smooth
GRAPHICS: printed latex on high intensity prismatic reflective vinyl
COATING: 3m clear laminate with UV protection and scratch resistance
FASTENERS: 1" drive rivets, 3/8" shaft

3. POST
MATERIAL: 2" square galvanized steel tubing with perforated holes on all four sides

4. POST ANCHOR
Breakaway System; verify location

5. RIVETS
Tamper-proof blind rivets; contractor to determine size; locate rivets a minimum of 3" from edge of sign and where least likely to obscure sign message
MATERIAL: stainless steel

Design illustrates possible mounting and/or mounting hardware appearance and are for reference only. All hardware to be sized by contractor. Shop drawing submittals shall detail the actual hardware and connections. All connections must be designed for all applicable loads. Shop drawings shall not compromise the visual appearance of the sign shown.

NOTES:

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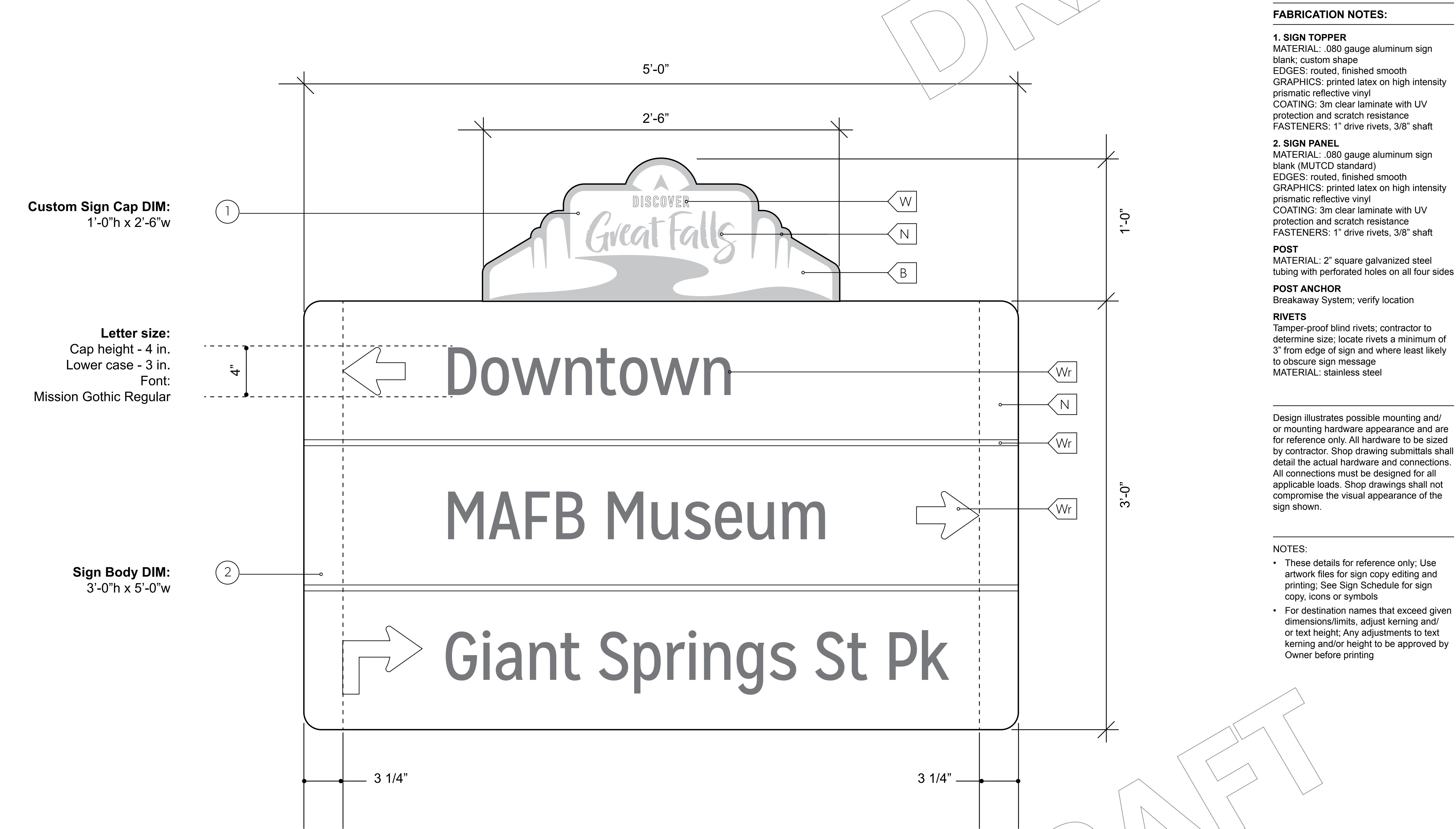
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- Sign messaging should be referenced to the Sign Schedule. Messages shown here are for general reference only.
- Color systems should be referenced within these drawings for actual specifications. Colors shown are for reference only.

Fabrication

- All welds shall be ground smooth, paint all seams.
- All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.

MOTORIST DIRECTIONAL SIGNAGE

Community Wayfinding Sign | MUTCD/MDT Standard with Custom Cap



SIGN PANEL LAYOUT

FABRICATION NOTES:

- 1. SIGN TOPPER**
MATERIAL: .080 gauge aluminum sign blank; custom shape
EDGES: routed, finished smooth
GRAPHICS: printed latex on high intensity prismatic reflective vinyl
COATING: 3m clear laminate with UV protection and scratch resistance
FASTENERS: 1" drive rivets, 3/8" shaft
- 2. SIGN PANEL**
MATERIAL: .080 gauge aluminum sign blank (MUTCD standard)
EDGES: routed, finished smooth
GRAPHICS: printed latex on high intensity prismatic reflective vinyl
COATING: 3m clear laminate with UV protection and scratch resistance
FASTENERS: 1" drive rivets, 3/8" shaft
- POST**
MATERIAL: 2" square galvanized steel tubing with perforated holes on all four sides
- POST ANCHOR**
Breakaway System; verify location
- RIVETS**
Tamper-proof blind rivets; contractor to determine size; locate rivets a minimum of 3" from edge of sign and where least likely to obscure sign message
MATERIAL: stainless steel

Design illustrates possible mounting and/or mounting hardware appearance and are for reference only. All hardware to be sized by contractor. Shop drawing submittals shall detail the actual hardware and connections. All connections must be designed for all applicable loads. Shop drawings shall not compromise the visual appearance of the sign shown.

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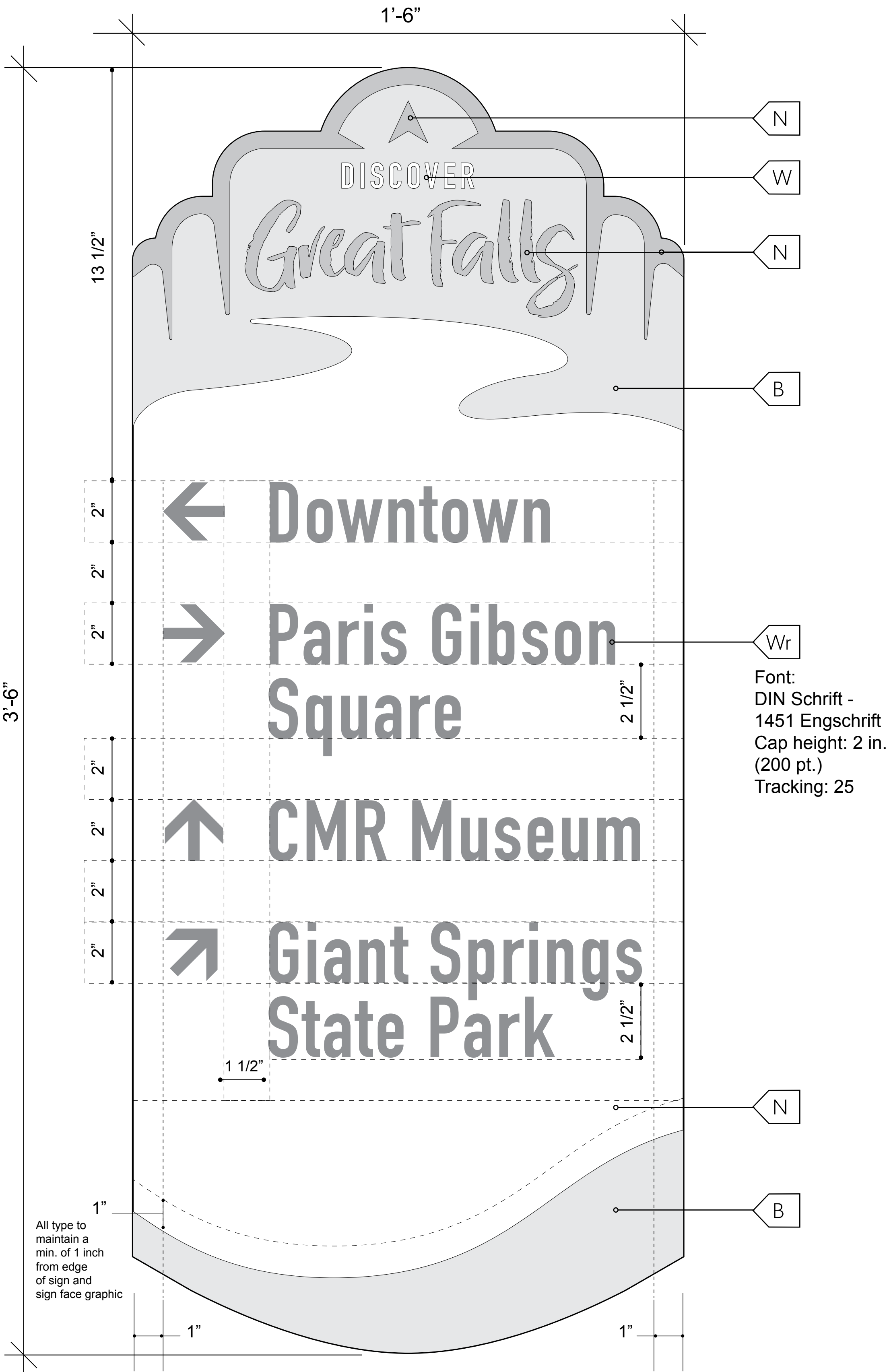
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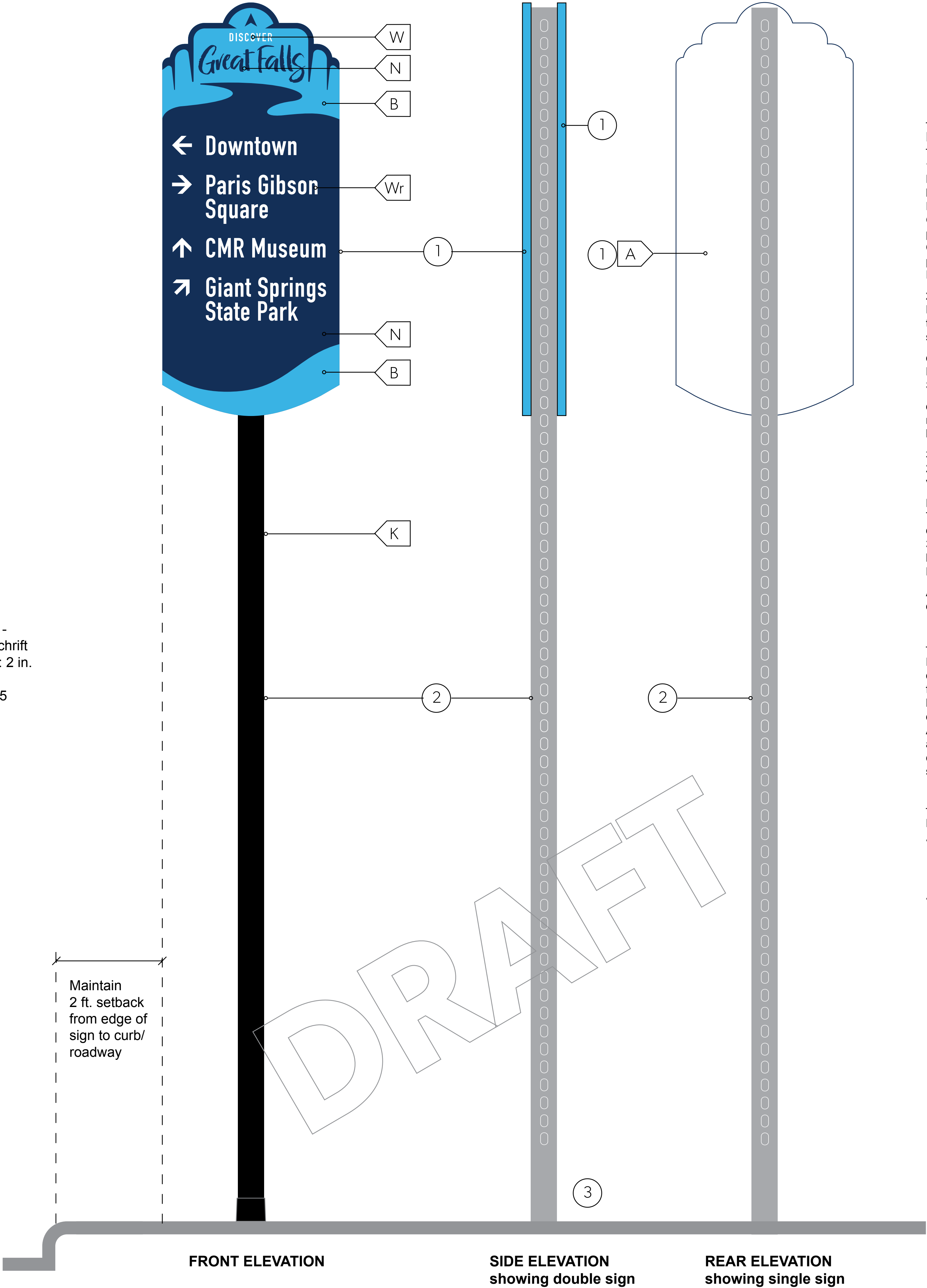
Fabrication

- All welds shall be ground smooth, paint all seams.
- All exposed hardware shall be tamper proof fasteners.
- All exposed edges painted to match adjacent face.

PEDESTRIAN DIRECTIONAL SIGNAGE



SIGN PANEL LAYOUT



FABRICATION NOTES:

1. SIGN PANEL
MATERIAL: .080 gauge aluminum sign blank; custom shape
EDGES: routed, finished smooth
GRAPHICS: printed latex on high intensity prismatic reflective vinyl
COATING: 3m clear laminate with UV protection and scratch resistance
FASTENERS: 1" drive rivets, 3/8" shaft

2. POST
MATERIAL: 2" square galvanized steel tubing with perforated holes on all four sides;

or 2" square steel tubing, powder coated Black (K) to match Downtown Great Falls Streetscape Plan.

or attached to existing street lamp posts via recommended mounting system as directed by City of Great Falls.

3. POST ANCHOR
2-1/4" drivable anchor or breakaway post; verify location

RIVETS
Tamper-proof blind rivets; contractor to determine size; locate rivets a minimum of 3" from edge of sign O.C., and where least likely to obscure sign message
MATERIAL: stainless steel

All attachment details to be verified and engineered by contractor.

Design illustrates possible mounting and/or mounting hardware appearance and are for reference only. All hardware to be sized by contractor. Shop drawing submittals shall detail the actual hardware and connections. All connections must be designed for all applicable loads. Shop drawings shall not compromise the visual appearance of the sign shown.

NOTES:

- These details for reference only; Use artwork files for sign copy editing and printing; See Sign Schedule for sign copy, icons or symbols
- For destination names that exceed given dimensions/limits, adjust kerning and/or text height; Any adjustments to text kerning and/or height to be approved by Owner before printing

GENERAL NOTES

These drawings illustrate design intent only and are not for construction. All final engineering and conditions of the project are the responsibility of the contractor. Contractor shop drawings must be submitted for approval, prior to proceeding with fabrication.

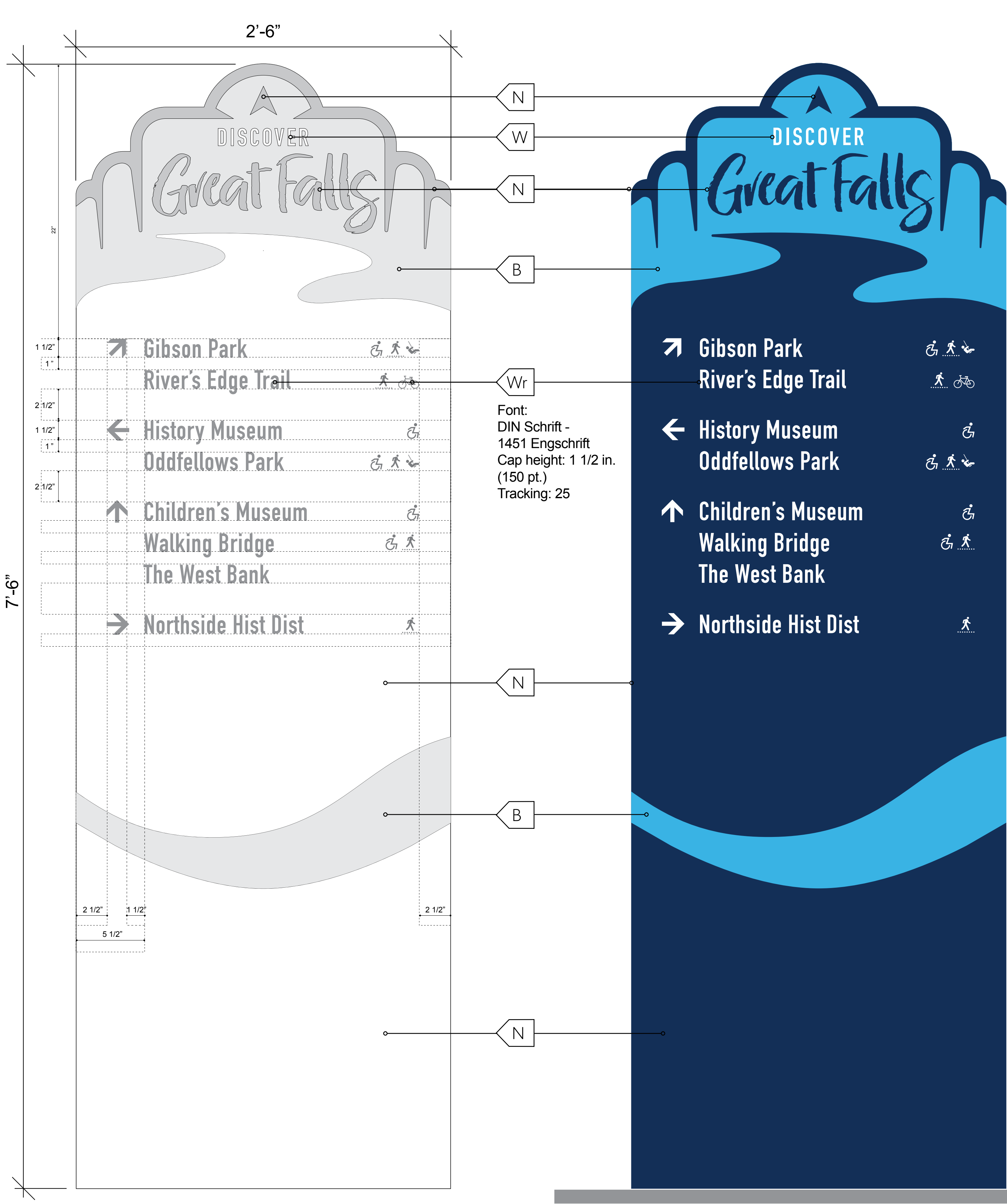
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Fabrication

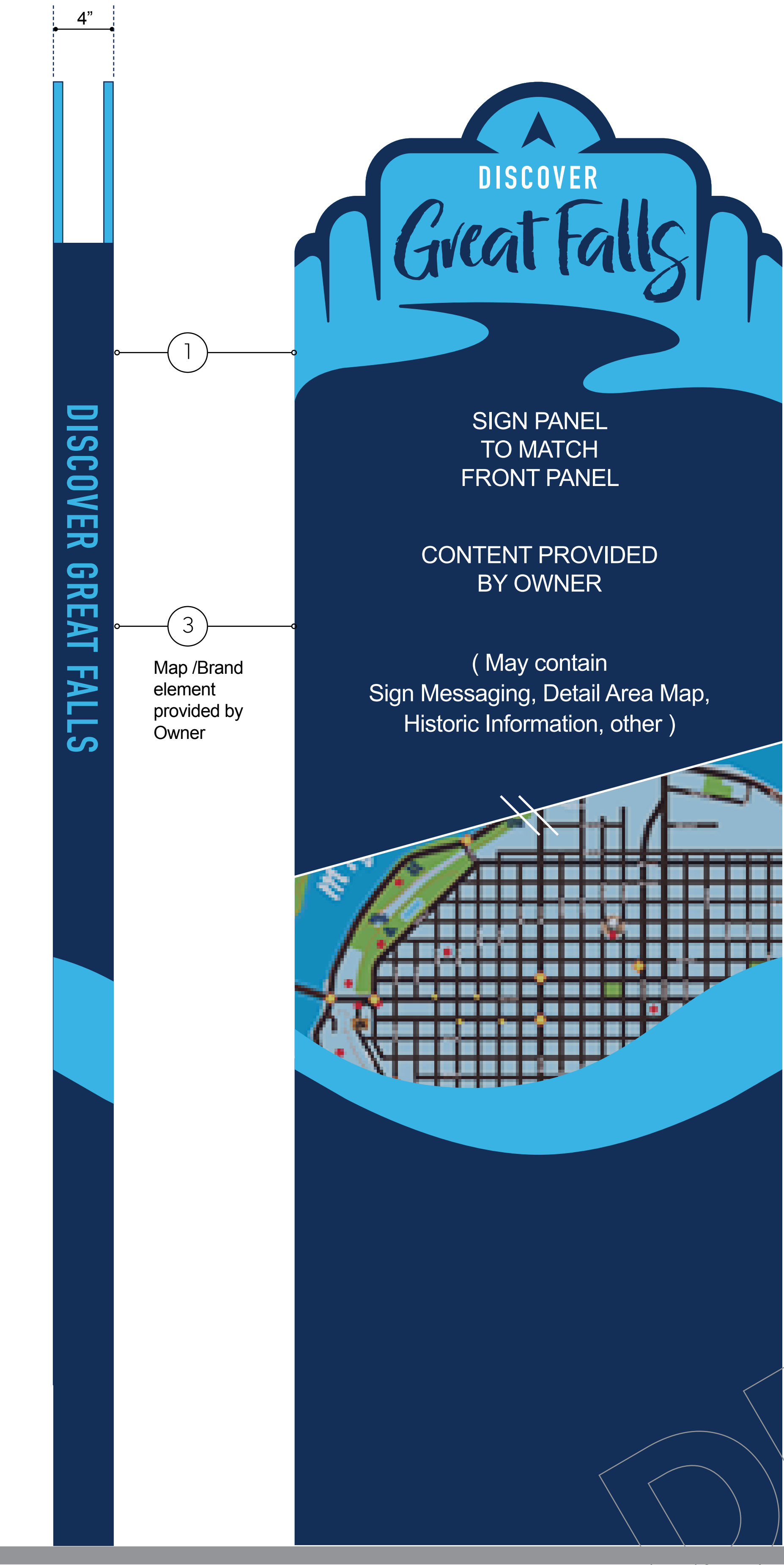
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PEDESTRIAN TOTEM



SIGN PANEL LAYOUT

FRONT ELEVATION



SIDE ELEVATION

REAR ELEVATION

FABRICATION NOTES:

- 1. SIGN PANEL**
MATERIAL: .080 gauge aluminum sign blank; custom shape
FABRICATION: routed, edges finished smooth
GRAPHICS: printed vinyl
ICONS/TEXT: Retro-reflective vinyl
COATING: UV protection and scratch resistance
FASTENERS: All attachment details to be verified and engineered by contractor.
 - 2. SIGN FRAME**
Fabricated aluminum channel internal structure to engineer's specification. All attachment details to be verified and engineered by contractor. Hidden frame to be set inside perimeter of sign sleeve. Conceal all hold down bolts with sign structure
 - 3. MAP/BRAND ELEMENT GRAPHICS**
Printed Graphics or Owner approved equal; Can be printed in conjunction with Sign Panel or attached separately
- All attachment details to be verified and engineered by contractor.**

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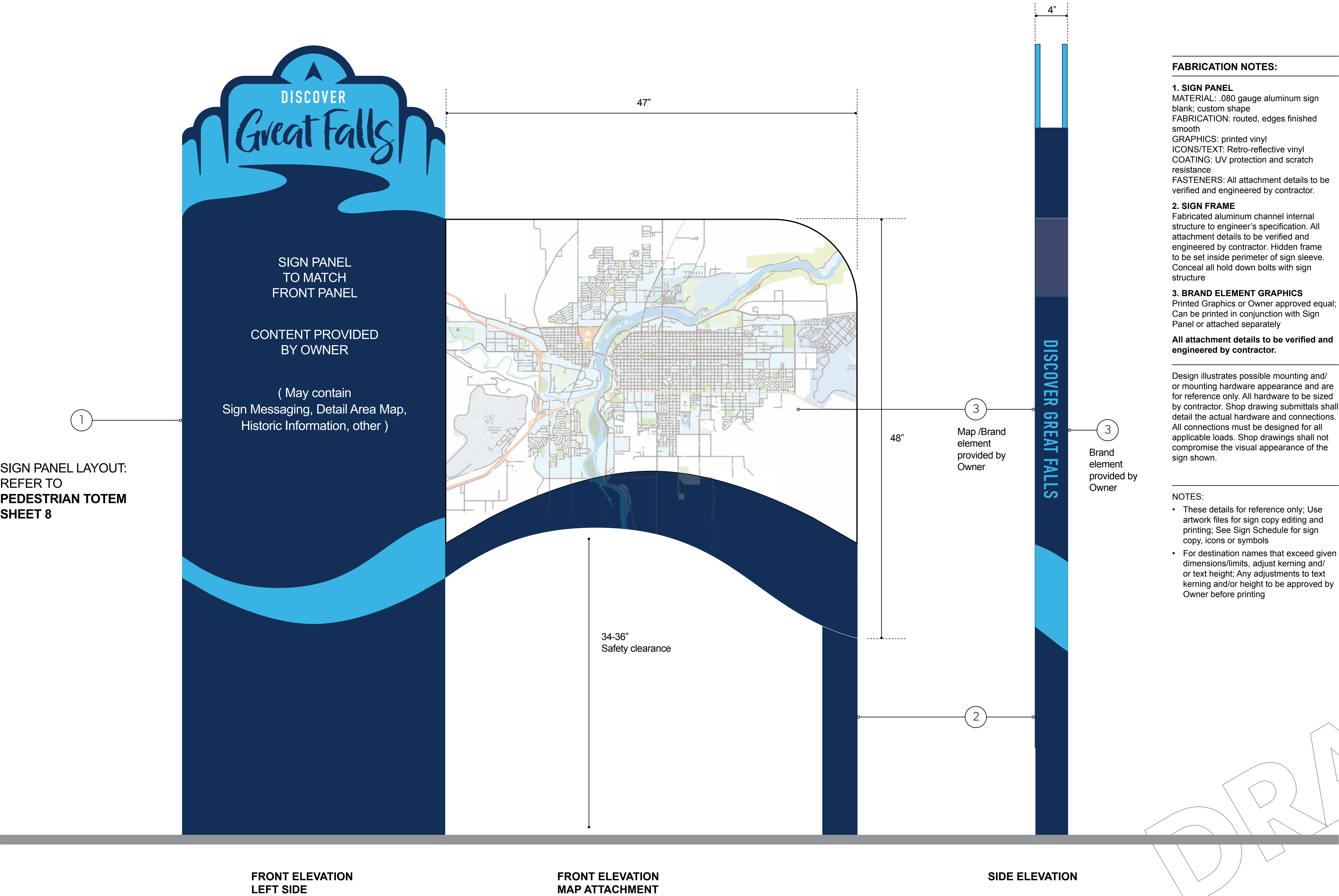
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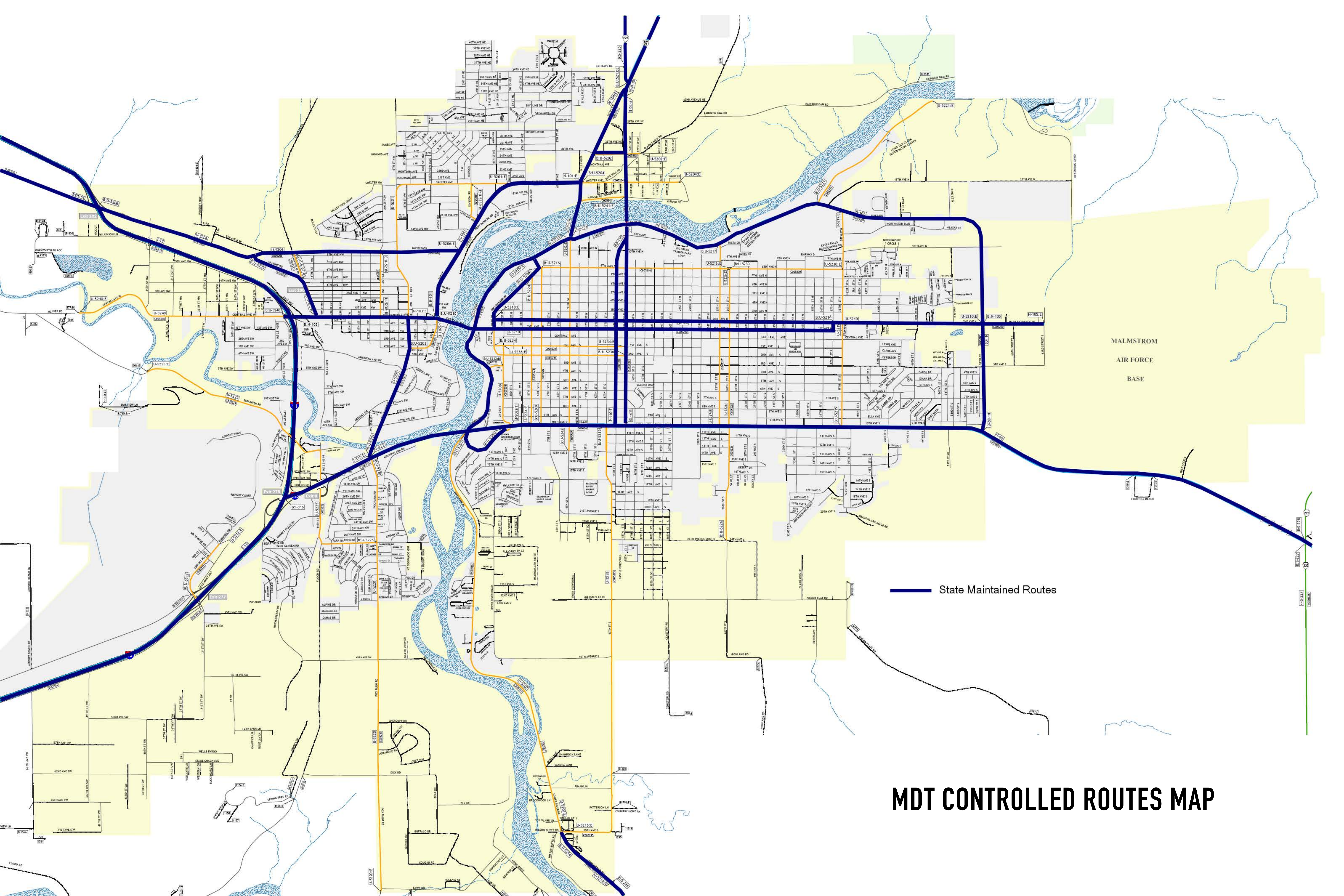
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State Maintained Routes

MDT CONTROLLED ROUTES MAP