Skykomish & Snohomish Rivers

Wayfinding Signage Design Intent: Final

PREPARED FOR SNOHOMISH COUNTY PARKS, RECREATION AND TOURISM
12/27/2019
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FABRICATOR PERFORMANCE & MATERIAL REQUIREMENTS

This document has been assembled by Tangram Design, LLC (Tangram) for Snohomish County Parks, Recreation and Tourism (Owner) with the expectation that the fabricator shall meet the following quality and performance requirements. The acceptance of these drawings by the Fabricator constitutes agreement to comply with the following conditions. The Owner will hold the Fabricator to these requirements as part of their contractual obligations.

1.0 GENERAL

1.1 Proprietary Information Non-Disclosure Agreement

All ideas, designs, arrangements and plans indicated or presented by these drawings are the property of the Owner, and were created for use in connection with the specified project. The information in this document is confidential and shall not be disseminated to anyone other than the Owner, Tangram, or the Fabricator’s personnel necessary to execute the contract, without the written permission of Owner.

In addition, the Fabricator must request and receive written approvals from the Owner to use images of any completed element. The Fabricator shall be responsible for ensuring that credit indicating Tangram Design, LLC as the Designer will accompany all images and articles related to the project. The Owner may have additional requirements or restrictions for which the Fabricator is also responsible.

1.2 Design Intent Drawings

The “design intent” drawings contained in this document are for the sole purpose of expressing visual design intent and are not intended for construction purposes. All aspects of fabrication, installation, and any resulting working drawings, shop drawings, submittals and contract documents are the responsibility of the Fabricator. Within the design intent drawings:

• All written dimensions take precedence over dimensions otherwise implied by drawing scale, figures, etc.
• Large scale details take precedence over the smaller scale drawings.
• Specific recommendations for materials, colors, and content take precedence over representations shown in drawings.

Prior to execution of the contract, Fabricator shall carefully review all the Contract Documents, Design Intent Drawings, Specifications, and/or instructions for any conflicts or ambiguities. Fabricator shall identify any conflicts or ambiguities in writing to Owner prior to execution of the agreement.

2.0 PRE-FABRICATION REQUIREMENTS

2.1 Proposal

Copies of all pricing and bid information shall be sent to the Owner. The Fabricator shall base their proposal on the performance of all items of service including labor, operations, materials, accessories, incidentals, services and equipment indicated, specified, mentioned, scheduled or implied to complete fabrication and installation of the specified work. Full compliance with these Fabricator Performance and Material Requirements will be required.

Fabricator proposes and agrees to perform all work and/or services as specified in the bid and design intent documents for the prices and within the times indicated in the bid and in accordance with the other terms and conditions of the Contract. Fabricator does not consider that any further examinations, investigations, explorations, tests, studies, specifications, or data is necessary for the determination of this bid for performance of the work and/or services. Fabricator is satisfied as to the general, legal and site conditions that may affect cost, progress, and performance of the work and/or services.

It is the responsibility of each Fabricator to verify the availability of material(s), delivery schedules, fabrication and manufacturing schedules and other pertinent data prior to submission of their proposal, and the responsibility of the successful respondent to provide same after award of the project. It is the responsibility of the respondent to notify the Owner immediately if material(s) specified are discontinued, replaced, or not available for an extended period of time. The Owner reserves the right to charge back additional costs, including but not limited to, freight, special handling, and purchase price difference due to delays, etc., to the successful respondent when items are not supplied as proposed.

The Fabricator is encouraged to make recommendations for specific changes only if they will improve the quality or cost-effectiveness of fabrication while preserving Tangram’s visual design intent shown in the document. Recommendations shall be noted at time of bid with alternative cost. However, any such substitutions must be approved in writing by the Owner prior to fabrication. Should the Fabricator be contracted based on a proposal that assumes substitutions that have not been properly approved, the Fabricator shall be responsible for providing all elements as originally indicated at their own expense.

Fabricator has given the Owner written notice of all conflicts, errors, ambiguities or discrepancies that the respondent has discovered in the bid documents, and the written resolution thereof by the Owner is acceptable to respondent. The bid documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the work and/or services for which this bid is submitted.

2.2 Performance

The Fabricator shall and will, in good quality manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities, and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required, within the time specified. The Fabricator shall furnish, erect, maintain, and remove such construction plant and such temporary works as may be required. The Fabricator shall comply with, and be subject to all terms, conditions, requirements, and limitations of the contract and specifications, and shall do, carry out, and complete the entire work to the satisfaction of the Owner.

Fabricators are expected to examine all Drawings, Specifications, instructions and/or requirements of this design intent document and corresponding documents. Failure to do so will be at the respondent’s risk. All referenced documents must be considered in preparation of Fabricator’s proposal. The Owner assumes no responsibility for errors or misinterpretations resulting from the use of the bid or design intent documents.

2.3 Subcontracting

The Fabricator may utilize the services of specialty subcontractors on those parts of the work that under normal contracting practices are performed by specialty fabricators. The Fabricator must be able to perform a majority of the work at their own facility. Subcontractors shall have a supportive role to the project and should not individually or collectively have a higher percentage of work to perform than the Fabricator. The Fabricator shall be as fully responsible to the Owner for the acts and omissions of their subcontractors, and of persons either directly or indirectly employed by them, as the Fabricator is for the acts or omissions of persons directly employed by the Fabricator.

2.4 Shop Drawings

The Fabricator shall submit for review and approval shop drawings of all fabricated items, product data and samples to the Owner. This submission shall consist of detailed drawings that indicate all materials, finishes, construction details, lighting requirements, installation details, and artwork, including locations of all material seams. Drawings shall include elevations, plans, sections, and notes as required to clearly convey fabrication intent.

The Owner shall advise and review all shop drawing submittals for fidelity and conformance with the design intent drawings. Upon review, the Fabricator shall make all Owner requested revisions and resubmit as required. A complete set of approved shop drawings must be received from the Owner before production may begin. Required submittals must be issued in adequate time to coordinate a two week review and approval process without delaying the project schedule.

2.5 Paint and Vinyl Samples

The fabricator will provide samples of all paints and vinyls used in the project for review and approval by Owner. Paint samples must include all paint layers that would be used on the final product (i.e. primer, topcoat, clear coat etc.) Paint, vinyl samples and shop drawings are to be reviewed and approved by the Owner before full fabrication shall commence. If final product does not meet quality standards during the punch-list review, the sign type may have to be fixed or replaced.
3.0 FABRICATION & INSTALLATION REQUIREMENTS

3.1 Permitting & Regulation Compliance
The Fabricator is responsible for securing and paying for all permits, insurance, inspections, and tests required by governmental agencies. The Fabricator is also responsible for verifying and ensuring compliance with all ADA, OSHA, environmental regulations, and all other applicable governing code requirements. Fabrication of signage shall be designed to meet local building codes and climatic/geographic design criteria including ASCE 7, Basic Wind speed of 130mph. All required resolutions or revisions to construction details must be approved by the Owner prior to production.

3.2 Structural Requirements
The Fabricator shall follow Tenant’s drawings for exterior visual appearance, but designs of internal structure, engineered connections, mounting assemblies, and foundations are by the Fabricator. Structural design shall utilize self-supporting framing and prevent irregularities in exposed surfaces. The Fabricator shall provide the Owner with calculations for all structural members and foundations and they must be sealed by certified engineers registered in the state of installation, prior to fabrication. The Fabricator shall provide the Owner with a list of support and/or blocking requirements, and approximate weights for each element as required after final shop drawing approval. The Fabricator’s installation responsibilities include the provision of any required footings, anchor bolts, or fastenings. All point-of-connection coordination is the responsibility of the Fabricator.

3.3 Labeling
Visible labels, manufacturer’s or otherwise, code permitting, shall not appear on any completed element. The placement of any required labels must be approved by the Owner prior to application and installation.

3.4 Artwork & Fonts
All final copy layouts are the responsibility of the Fabricator. The Fabricator shall legally acquire, at their own expense, all project fonts from the specified distributors, as necessary. The Owner will not provide copies of licensed fonts.

3.5 On-Site Coordination and Installation
All installation will be coordinated with the Owner. No installation shall be permitted without sign-off of construction and final location approval through the Owner. The Fabricator shall field verify all measurements indicated on drawings to establish correctness.

Fabricator shall examine the site prior to executing an agreement with the Owner so as to reasonably ascertain the nature of the work and the various conditions affecting the work. The Fabricator is responsible for field verification and coordination of the final location. The Fabricator shall notify the Owner of any discrepancies between Tenant’s drawings and field conditions prior to sign fabrication. All required resolutions or revisions to constructions details or installation processes must be approved by the Owner prior to production.

Fabricator shall keep the site reasonably free from debris, trash and construction wastes resulting from the performance of the work. The Fabricator shall be responsible for cleaning up all work areas upon the completion of work on a daily basis. Upon completion of the work, Fabricator shall remove all debris, trash, construction wastes, materials, equipment, machinery and tools arising from the work. All finish surfaces at the base of the sign (lawn, mulch, brick, etc.) shall be repaired to match existing finish grade.

All installed items shall be left in a clean and as-new condition. The Fabricator shall be fully responsible for the security and quality of all equipment, materials, and installed components until they have been reviewed and accepted by the Owner. All installations are to be level and plum or will not be accepted. Immediately after erection, clean bolted connections and abraded areas of shop paint. Paint exposed areas with same paint of finish used for shop painting. If marred areas cannot be adequately touched up on site, the sign will be returned to the shop for controlled refinishing.

3.6 Inspection
At all reasonable times, Fabricator shall provide sufficient facilities for inspection of the work by Owner at the site and at all locations where portions of the work are in progress or various stages of completion. When appropriate portions of the work are ready for inspection, Fabricator shall notify the Owner.

3.7 Safety
The Fabricator recognizes the importance of performing the work in a safe manner so as to prevent damage, injury or loss to (i) all individuals at the site, whether working or visiting, (ii) the work, including materials and equipment incorporated into the work or stored on-site or off-site, (iii) the work of others on the project, and (iv) all other property at the site or adjacent thereto. Fabricator assumes responsibility for implementing and monitoring all safety precautions and programs related to the performance of the work.

The Fabricator shall be responsible for providing barricade or protective coverings as necessary to safeguard the public and property during the performance and duration of their work. The Fabricator shall be fully responsible for any injuries to the public or damage to the buildings, site, and adjacent objects during installation.

4.0 MATERIAL STANDARDS
All materials, hardware, and finishes used to fabricate any and all components shall be new (i.e. not previously used or operated in any other application) from the most recent manufacturer’s production supply and free from any defects impairing strength, durability or appearance.

All letters forms shall be aligned to maintain a base line parallel to the sign format. Margins must be maintained as specified by type grids in the drawings.

4.1 Metals
Metals shall be the best commercial quality for the purposes specified and free from defects impairing strength, durability, or appearance. All joints must be welded, filled, ground and sanded smooth prior to painting to insure an uniform surface. All sheet metal shall have brake formed edges with radii not greater than sheet thickness. All metals must be treated to prevent corrosion and staining of other finishes. All aluminum materials must be thoroughly sanded to remove oxidation and primed prior to painting to insure maximum paint adhesion.

4.2 Fasteners
All exposed fasteners shall be tamper-proof, resistant to oxidation and other corrosion, and painted to match adjacent surfaces. Concealed fasteners must be resistant to oxidation and other corrosion to prevent staining of other finishes. Nuts and bolts used on the footers and breakdown bases are to be anti-corrosive and galvanized.

4.3 Paints & Finishes
All paints and finishes shall match exactly the color, finish, and texture noted. The fabricator is to apply primer, top coat, and clear coat to all painted surfaces as follows: Use Tape IT Accelerator SM166A as needed to speed up the drying process. Paint shall be:
- Metal Prewtreatment 74 T34SP
- Matthews Paint Conventional Topcoat
- Matthews Paint Satin Clear 42 228SP

Unless otherwise noted, all pretreats, primers, coatings, and finishes shall be applied in strict accordance with the paint manufacturer’s specifications to provide the highest level of ultraviolet light resistance, weatherability, and overall longevity for both the materials indicated, and the environmental conditions of the final install locations. A polyurethane clear coating shall be applied to seal the paint and preserve the surface from wear and oxidation.

Paints and finishes shall be warranted against color fading, UV damage, cracking, peeling, blistering, and other defects in materials or workmanship for a minimum of five years from date of Owner’s acceptance. All paints shall be evenly applied without pinholes, scratches, orange peeling, application marks, and other imperfections. Workmanship with finishes and formation of letters shall conform to the highest standards of the trade.

4.4 Vinyl Film
All vinyl sheeting shall match exactly the color, finish, and durability of the manufacturers product as noted. Unless otherwise noted, all vinyl sheeting shall be installed in strict accordance with the manufacturer’s specifications to provide the highest level of ultraviolet light resistance, weatherability, and overall longevity for both the materials indicated, and the environmental conditions of the final install locations. Vinyl sheeting shall be warranted against color fading, UV damage, de-lamination, or peeling for a minimum of five years from date of Owner’s acceptance. All vinyl cutting shall be executed in such a manner that all edges and corners of finished letter forms are true and clean.

3M™ High Intensity Prismatic Reflective Sheeting 3930DS (White) shall be used for all reflective sheeting printing. All reflective sheeting surfaces shall be sealed with 3M™ Electrict™ Film Series 1170 (Clear). All digitally printed vinyls shall be warranted from excessive fading, discoloring, cracking, crazing, peeling, and blistering, for 8 years from the fabrication date.
5.0 PROJECT COMPLETION

5.1 Review & Punch List
The Fabricator shall notify both the Owner in writing when all work is completed. Upon notice, the Owner will review all work according to their contract with the Owner and prepare a punch list outlining incomplete or unsatisfactory items. The repair or replacement of work outlined on the punch list shall be coordinated between the Fabricator and the Owner. Fabricator shall correct any of the work that is found not to be in conformance at their own expense.

5.2 Correction of Work
All work, all materials whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Owner who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture, and methods of construction for the purposes of which they are used. Should they fail to meet the Owner’s approval, they shall be forthwith reconstructed, made good, replaced and/or corrected, as the case may be, by the Fabricator at the Fabricator’s expense. Rejected material shall immediately be removed from the site. If, in the opinion of the Owner, it is undesirable to replace any defective or damaged materials, or to reconstruct or correct any portion of the work injured or not performed in accordance with the contract documents, the compensation to be paid to the Fabricator shall be reduced by such amounts as in the judgment of the Owner shall be equitable.

5.3 Final Deliverables
Upon the Owner’s acceptance of the work, the Fabricator shall provide the Owner with a complete service and maintenance manual for all products and finishes installed under their contract. This manual shall include, but is not limited to, product specifications such as manufacturer information, contact names and addresses, warranty information, technical data, and routine maintenance recommendations.

5.4 Warranties
All warranty periods shall begin on the date of the Owner’s acceptance of the work. All warranties shall include the materials and labor required to replace defective components. All installed elements shall be warranted against manufacturer defects for a minimum of two years, and all installed elements shall be warranted against defects in installation or workmanship for a minimum of two years.
## SIGN COUNT

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<td>A.2</td>
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<td>Boat Launch Identification</td>
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### Sign Location Plan and Message Schedule

Locations and messages for all signs included in the wayfinding program can be found in the Skykomish and Snohomish Rivers Sign Location Plan and Message Schedule document. This document can be obtained by contacting the Snohomish County Parks, Recreation and Tourism Department.
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Colors shown are for reference only and are subject to the limitations of the printing process. Refer to referenced color systems contained within these drawings for actual specifications.

Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys are required prior to fabrication and installation.

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PAINT & VINYL

**P1 - Paint**
Matthews Paint Black Stallion MP33653, satin finish

**P2 - Paint**
Matthews Paint MP74213 R182552 469 C - Plus Series, satin finish
Digital Reflective Vinyl Match Pantone 469 C

**P3 - Paint**
Matthews Paint MP27386 Verizon White, satin finish
Digital Reflective Vinyl 3M™ High Intensity Prismatic Reflective Sheeting 3930DS

**C1 - Clear Vinyl Seal**
3M™ Electrocut™ Film Series 1170

**C2 - Clear Coat Paint**
Matthews Paint 42228SP clear coat, satin finish

**Parking**

**Restrooms**

**MOTORIZED BOATS**

**Fish**

**Non-Motorized Boats**

Digital Reflective Vinyl Match Pantone 717 C

Digital Reflective Vinyl Match Pantone 7550 C

Digital Reflective Vinyl Match Pantone 7512 C

Digital Reflective Vinyl Match Pantone 363 C

Digital Reflective Vinyl Match Pantone 512 C

Digital Reflective Vinyl Match Pantone 2399 C

Digital Reflective Vinyl Match Pantone Warm Gray 9 C
ARROWS

Straight  |  Left  |  Right  |  Straight and to the Left  |  Straight and to the Right

LOGOS FOR SITE IDENTIFICATION SIGNS

City of Monroe  |  City of Skykomish  |  City of Snohomish  |  City of Sultan  |  Snohomish County

Washington Department of Fish and Wildlife  |  Washington State Parks  |  US Forest Service  |  Snohomish County
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Skykomish-Snohomish River Wayfinding Signage

C.1 Vehicular Directional 3" type 15-25 mph
C.2 Vehicular Directional 3" type 15-25 mph
C.3 Vehicular Directional 3" type 15-25 mph
D.1 Parking Directional
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E.1 Pedestrian Directional
E.2 Pedestrian Directional
E.3 Pedestrian Directional
F.1 Destination Identification
F.2 Boat Launch Identification
DESIGN INTENT
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Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin
- C1 - 3M™ Electrocut™ Film Series Clear Coat
- C2 - Matthews Paint 42228SP clear coat, satin finish

Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Sheeting 3930DS
V3 - 3M™ High Intensity Prismatic Vinyl

Clear Coat
C1 - 3M™ Electrocute™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism
Skykomish-Snohomish River Wayfinding Signage

TANGRAM DESIGN, LLC | 818 SANTA FE DRIVE UNIT 1 DENVER, COLORADO 80204 | (303) 777-8878

Sheets: A.1 Site Identification
Project: Skykomish-Snohomish River Wayfinding Signage
Client: Snohomish County Parks, Recreation and Tourism

27 December 2019

A.1 Site Identification

1. Plan
2. Side Elevation
3. Front Elevation
4. Side Elevation
5. Rear Elevation

SCALE: 1/2"= 1'-0"
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Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocute™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

Concrete Tiles
- 1” thick concrete tiles with beveled edge on front and rear panel. CNC route tribal pattern, details to be hand-tooled. Clad tiles onto internal metal structure.

Aluminum Frame
- .5” aluminum tube frame to wrap Wood Columns and hold Sign Panel, Logo Panel, and Water-jet Cut Panel. Paint P1 and C2. Frame to be inset from the panels by .5”.

Wood Columns
- 3 qty 8”x8” hollow pre-treated wood columns mechanically fastened to internal structural support. Apply a UV and water repellent stain with a natural cedar color. Internal structure to be determined by fabricator.

Sign Panel
- .125” aluminum panel attached to aluminum frame. Paint P2 and C2.

Recreation Icons
- 1/8” breakformed aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face and side. Adhere to Sign Panel.

Bottom Cap
- .5” aluminum panel, painted black.

Reveal
- 1” aluminum reveal, painted P1 and C2.

Top Cap
- .5” aluminum panel, painted P1 and C2. Mechanically attached to wood columns.

River Mile

Access Site Name
- .25” dimensional letter forms stud mounted to Sign Panel. Apply sign face with V2, paint returns P3.

Logo Panel

Logo Side Panel
- 1/8” aluminum panel attached to aluminum frame, paint P1 and C2.

Vinyl Graphics
- Apply graphics to face with V2.

Concrete Tiles
- 1” thick concrete tiles with beveled edge on front and rear panel. CNC route tribal pattern, details to be hand-tooled. Clad tiles onto internal metal structure.

Access Site Name
- .25” dimensional letter forms stud mounted to Sign Panel. Apply sign face with V2, paint returns P3.
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Snohomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

A.2 Site Identification

SCALE: 3/4" = 1'-0"
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Matthews Paint
P1, Black Stallion MP33653, satin
P2, MP74213 469 C, satin
Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
Clear Coat
C1 - 3M™ Electrocut™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Snhomish County Parks, Recreation and Tourism
Project
Skykomish-Snohomish River Wayfinding Signage
Client
A3 Site Identification

27 December 2019
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23 Sheet Number

Top Cap
5” aluminum panel, painted P1 and C2. Mechanically attached to wood columns.

River Mile

Access Site Name
25” dimensional letter forms stud mounted to Sign Panel. Apply sign face with V2, paint returns P3.

Vinyl Graphics
Apply graphics to face with V2.

Logo Panel
1/8” aluminum panel attached to aluminum frame. Paint P2 and C2. Logo graphics and agency name applied with V2.

Reveal
3/4” aluminum reveal painted P1 and C2.

Recreation Icons
1/8” bentformed aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face and side. Adhere to Sign Panel.

Sign Panel
1/8” aluminum panel attached to aluminum frame. Paint P2 and C2.

Water-jet Cut Panel
1/8” aluminum panel water-jet cut and attached to aluminum frame. Paint P1 and C2.

Logo Side Panel
1/8” aluminum panel attached to aluminum frame, paint P1 and C2.

Bottom Cap
.5” aluminum panel, painted black.

Concrete Tiles
1” thick concrete tiles with beveled edge on front and rear panel. CNC route tribal pattern, details to be hand-tooled. Clad tiles onto internal metal structure.

Aluminum Frame
5” aluminum take frame to wrap Wood Columns and hold Sign Panel, Logo Panel, and Water-jet Cut Panel. Paint P1 and C2. Frame to be inset from the panels by 5”.

Wood Columns
3 qty 8’x8’ hollow pre-treated wood columns mechanically fastened to internal structural support. Apply a UV and water repellent stain with a natural cedar color. Internal structure to be determined by fabricator.

City of Monroe
Skykomish-Snohomish River
Wayfinding Signage

Matthews Paint
P1, Black Stallion MP33653, satin
P2, MP74213 469 C, satin
Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
Clear Coat
C1 - 3M™ Electrocut™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Snhomish County Parks, Recreation and Tourism
Project
Skykomish-Snohomish River Wayfinding Signage
Client
A3 Site Identification

27 December 2019
Document Issue
23 Sheet Number
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Al Borlin Park
615 Simons Rd
Monroe WA 98272

City of Monroe

A.3 Site Identification
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• Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
P1, Black Stallion MP33653, satin
P2, MP74213 469 C, satin

Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Graph Film 680-10

Clear Coat
C1 - 3M™ Electrocute™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

5' 6.25”
9.5”
13' 0”
4' 0”
5' 6.25”
9.5”
5.69”
5.5”

Sonotube
Sonotube concrete form.

Sportsmans Park

Steelhead County Park

Clearview Hwy

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"

SCALE: 3/8” = 1'-0"
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Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin
- Vinyl
  - V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
  - V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Sonotube concrete form.

Sonotube concrete form.

Shop drawings by the fabricator must be submitted for approval, prior to proceeding with fabrication.

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Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys are required prior to fabrication and installation.

Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin
- Vinyl
  - V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
  - V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Sonotube concrete form.

Sonotube concrete form.
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Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Sonotube concrete form

Al Borlin Park

Wood Post
6" x 8" pre-treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover from the sides with countersunk screws. Paint screwheads P1.

Hex Bolt/Washer
1" hex bolt dia. with 1.5" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

Post Cover
6" x 8" x .188" aluminum tube with angle cut to fit Wood Post. Weld attach to breakaway base.

Breakaway Base
To meet WSDOT standards. See page 31 for details.

Cap

Sign Panel
20" breakform aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attach panel to Wood Post.

Countersunk screws, Paint screwheads P1.

Paint rear and sides of Sign Panel P2 and C2.
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Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Snhomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

Clearview Hwy S-W-R

Boat Launch
Parking
Skykomish River Park
Fishing
Overflow

Cap

Wood Post
6" x 6" x 0.94" treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover from the sides with countersunk screws. Paint screwheads P1.

Hex Bolt/Washer
1" hex bolt dia. with 1.5" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

Post Cover
6" x 8" x 0.188" aluminum tube with water jet cut pattern to fit Wood Post. Weld attach to breakaway base.

Breakaway Base
To meet WSDOT standards. See page 31 for details.

Sign Panel
150" x 12" x 144" aluminum panel cut to size and breakformed. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attach panel to Wood Post.

Sonotube
Sonotube concrete form


C 1 Vehicular Directional
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Matthews Paint
P1, Black Stallion MP33653, satin
P2, MP74213 469 C, satin

Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
C1 - 3M™ Electrocut™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Shoanomish County Parks, Recreation and Tourism

Skykomish - Snohomish River Wayfinding Signage

Paint rear and sides of Sign Panel P2 and C2.
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Matthews Paint
P1, Black Stallion MP33653, satin
P2, MP74213 469 C, satin

Vinyl
V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
C1 - 3M™ Electrolux™ Film Series 1170
C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism
Skykomish-Snohomish River Wayfinding Signage

C.3 Vehicular Directional
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**Matthews Paint**
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

**Vinyl**
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2, 3M™ Scotchlite™ Reflective Graphic Film 680-10

**Clear Coat**
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

**Skykomish-Snohomish River Wayfinding Signage**

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**Material Specifications**

**Sign Panel 1**
- 25" breakform aluminum panel. Paint all sides MP00946 Balinese Atoll, satin finish. Apply graphics with V2. Mechanically attach panel to Wood Post from the side with countersunk screws. Paint screwheads to match panel color.

**Sign Panel 2**
- 25" breakform aluminum panel. Paint all sides P1 and C2. Mechanically attach panel to Wood Post from the side with countersunk screws. Paint screwheads to match panel color.

**Wood Post**
- 4"x6" pre-treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover with countersunk screws. Paint screwheads P1.

**Post Cover**
- 6" x 4" x 25" aluminum tube with angle cut to fit Wood Post. Direct bury.

---

**Legend**

- P
d- econd P
- P
e- nter P
- P
e- ohan P
- P
e- t P
- P
e- e P

---

**Scale**

1/2" = 1'-0"
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Matthews Paint
- P1: Black Stallion MP33653, satin
- P2: MP74213 469 C, satin

Vinyl
- V1: 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2: 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1: 3M™ Electrocut™ Film Series 1170
- C2: Matthews Paint 42228SP clear coat, satin finish

Skykomish-Snohomish River Wayfinding Signage

Snohomish County Parks, Recreation and Tourism

27 December 2019
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Skykomish-Snohomish River Wayfinding Signage

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocute™ Film Series 1570
- C2 - Matthews Paint 42228SP clear coat, satin finish

Colors
- E.1 Pedestrian Directional

Sign Panel
- 25" breakform aluminum panel. Paint and apply graphics with V2. Mechanically attach panel to Wood Post with Hex Bolt/Washer. Sign Panel color, graphics, and quantity of panels may vary per sign. Refer to message schedule.

Wood Post
- 3'x4' pre-treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover from the sides with countersunk screws. Paint screwheads P1.

Hex Bolt/Washer
- 5/8" hex bolt dia. with 1" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

Post Cover
- 4"x3"x1/4" aluminum tube with water-jet cut pattern to fit Wood Post. Direct bury.

Countersunk screws
- Paint screwheads P1.

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Color codes are for reference only and are subject to the limitations of the printing process. Refer to referenced color systems contained within these drawings for actual specifications.

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Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocute™ Film Series 1570
- C2 - Matthews Paint 42228SP clear coat, satin finish

Colors
- E.1 Pedestrian Directional

Sign Panel
- 25" breakform aluminum panel. Paint and apply graphics with V2. Mechanically attach panel to Wood Post with Hex Bolt/Washer. Sign Panel color, graphics, and quantity of panels may vary per sign. Refer to message schedule.

Wood Post
- 3'x4' pre-treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover from the sides with countersunk screws. Paint screwheads P1.

Hex Bolt/Washer
- 5/8" hex bolt dia. with 1" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

Post Cover
- 4"x3"x1/4" aluminum tube with water-jet cut pattern to fit Wood Post. Direct bury.

Countersunk screws
- Paint screwheads P1.
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Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Skykomish-Snohomish River Wayfinding Signage

- Skykomish River Park
- Al Borlin Park
- Restrooms
- Beach/Swim
- Picnic
- Monroe Historic District

Sign Messages

SCALE: 1.5” = 1'-0"
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• Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1: Black Stallion MP33653, satin
- P2: MP74213 469 C, satin

Vinyl
- V1: 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2: 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1: 3M™ Electrocute™ Film Series 1170
- C2: Matthews Paint 42228SP clear coat, satin finish

Sign Panel 1

Wood Post
- 3"x4"x6' pre-treated wood post with angle cut and water repellent stain with a natural cedar color.

Post Cover
- 4"x3"x4' aluminum tube with water-jet cut pattern to fit Wood Post. Paint P1 and C2. Direct bury.

Cap

Hex Bolt/Washer
- 5/8" hex bolt, with 1" dia washer to thread through Wood Post and Sign Panel. Paint P1.

Sign Panel 2
- .25" breakform aluminum panel. Paint P2 and C2, apply graphics with V2. Mechanically attach panel to Wood Post from the side with countersunk screws. Paint screwheads to match panel color.
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Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys are required prior to fabrication and installation.

Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Snokomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

E.3 Pedestrian Directional

Car/Trailer Parking
Restrooms

- Hex Bolt/Washer
  - 5/8" hex bolt dia. with 1" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

- Post Cover
  - 4"x3"x1/4" aluminum tube with water-jet cut pattern to fit Wood Post. Paint P1 and C2. Direct bury.

- Cap

- Sign Panel
  - 25" breakform aluminum panel. Paint and apply graphics with V2. Mechanically attach panel to Wood Post with Hex Bolt/Washer.

- Sign Panel color, graphics, and quantity of panels may vary per sign. Refer to message schedule.

- Wood Post
  - 3"x4" pre-treated wood post with angle cut. Apply a UV and water repellent stain with a natural cedar color. Mechanically attach to the Post Cover from the sides with countersunk screws. Paint screwheads P1.

- Sign Panel color, graphics, and quantity of panels may vary per sign. Refer to message schedule.

- Hex Bolt/Washer
  - 5/8" hex bolt dia. with 1" dia. washer to thread through Wood Post and Sign Panel. Paint P1.

- Post Cover
  - 4"x3"x1/4" aluminum tube with water-jet cut pattern to fit Wood Post. Paint P1 and C2. Direct bury.

- Countersunk screws. Paint screwheads P1.
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Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

4" 8.5" 8" 8" 8" 0" Graphics

Graphics applied with V2.

Type
DIN Bold

Steel Angle
8" x 4" x 1/2" steel angle water-jet cut. Direct bury.
Sides of sign to be painted P1 and C2. The paint color for the sign face and rear will vary per sign. Refer to message schedule.

Graphics

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

2 Side Elevation
SCALE: 3/4" = 1'-0"

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

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

5 Rear Elevation
SCALE: 3/4" = 1'-0"
These drawings are intended to illustrate design intent only and are not for construction. All final engineering and conditions of the project are the responsibility of the fabricator. Shop drawings by the fabricator 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.

Colors shown are for reference only and are subject to the limitations of the printing process. Refer to referenced color systems contained within these drawings for actual specifications.

Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys are required prior to fabrication and installation.

Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint
- P1, Black Stallion MP33653, satin
- P2, MP74213 469 C, satin

Vinyl
- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10

Clear Coat
- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP clear coat, satin finish

Snohomish County Parks, Recreation and Tourism

Skykomish-Snohomish River Wayfinding Signage

BOAT LAUNCH

Use at Your Own Risk

4' 9.5"
1' 4"

Support Post
2 3/8" OD round galvanized steel post.

Base Post
2-1/2" (2.875" OD X .203 wall) steel pipe painted P1 and C2. Direct bury.

Sign Panel
25" aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attach panel to Sign Post Bracket.

Sign Post Cap
Flat-top galvanized steel pipe end cap to fit Support Post.

Sign Post Bracket

Support Post Bracket
Countersunk screws, Paint screwheads P1.

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