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Sign No. 1
Vehicular - Main Gateway

Project: Campus Wayfinding
Number: -  
Issue date: April 1, 2019

Sign: Sign No. 1 - Main Gateway
Title sheet and drawing list as noted

Sheet number: 01
core colours

- clear anodized coating
  application: sign structure
- PANTONE 185 C
  application: pinstrip, arrows
- PANTONE 426 C
  application: text, crest - monochromatic
- PANTONE 7541 C
  application: background
- gary oak motif - digital file is to be delivered by University of Victoria

samples of typeface family

Myriad Pro Semi Bold

ABCDEF GHijklmnopqrstuvwxyz
abcdef ghijklmnopqrstuvwxyz

University of Victoria Logo, horizontal standard

full colour

reverse monochromatic - shown against background for clarity

project number: Campus Wayfinding
issue date: April 1, 2019

sign: Sign No. 1 - Main Gateway
typography, colours and pictograms as noted

sheet number: 02
Campus Wayfinding

Sign No. 1 - Main Gateway

sign design - overview

as noted

April 1, 2019
Back panel (not shown here) to be one piece, digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel thickness to be 3.2mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 4130mm x 485mm x 6.4mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 4130mm x 485mm x 6.4mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 4130mm x 650mm x 6.4mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 4130mm x 485mm x 6.4mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 4130mm x 360mm x 6.4mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 580 mm x 1170 mm x 3.2 mm

Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 580 mm x 1495 mm x 3.2 mm

University of Victoria

Clear acrylic (pictograms): Plaskolite OPTIX, Chemcast GP or equivalent

First surface prints:
Vinyl: 3M IJ180, MPI 2005 or equivalent
Overlaminate: 3M 8914, Avery DOL 6060 or equivalent.

2nd surface prints:
CAV-50 reverse print - i/w/i (2nd surface)
Overlaminate: 3M 8914, Avery DOL 6060 or equivalent (first surface)

1) Vinyl to be printed on, installed as per manufacturer’s recommendations.
2) Use compatible UV inks and overlaminates as recommended by manufacturer.
3) Where applicable wrap vinyl and overlaminate over the edges of the alu panel.
4) All panels to be mechanically fastened to substrate.
5) Manufacturer to confirm all dimensions prior to fabrication.
6) Manufacturer to ensure watertightness of panel connections.

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Project: Campus Wayfinding
Sign: Sign No. 1 - Main Gateway
Sheet Name: Sign design - graphic design details as noted
Issue Date: April 1, 2019
Sheet Number: 04

Scale: 1:20
19 mm thick push through acrylic pictogram

vinyl

19 mm thick push through acrylic pictograms (typ)

type size: 1000pt
19mm thick push through acrylic

front panel with push thru pictograms
scale 1:15

project: Campus Wayfinding
number: -
issue date: April 1, 2019

sign: Sign No. 1 - Main Gateway
sheet name: sign design - graphic design details - cont
as noted
scale: as noted

sheet number: 05
US LED PNT-3-12-W or equivalent - space fixtures as per manufacturer's recommendations to ensure even light distribution

19mm thick PVC (LED support) always maintain 5mm min gap between ply and sign framing

51mm x 51mm x 4.8mm aluminum square tube intermediate support as required to be fit between letters (typ)

electrical junction box

US LED PSA-12-60 (LED12A0012V50F) or equivalent power supply - one on each side of the sign

General Notes:
1) provide ventilation holes as required
2) US LED PSA-12-60 power supply to provide source of power to a max. of 50 Megabright 12 LED Modules
3) Sign must have a CSA label as an assembly
4. Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.

long section scale 1:20

cross section scale 1:20
General Notes:
1) provide ventilation holes as required
2) US LED PSA-12-60 power supply to provide source of power to a max. of 50 MegaBright 12 LED Modules
3) Sign must have a CSA label as an assembly
4. Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.

51mm x 51mm x 4.8mm aluminum square tube beyond (sign framing)

cont. 51mm x 51mm x 4.8mm aluminum angle

19mm thick PVC (LED support)

6 mm dia. s/s thru bolt (typ)

LED fixtures

distance determined by good light distribution

FRONT

self tapping, s/s, tamper resistant screws (typ)

51mm x 51mm x 4.8mm aluminum square tube (sign framing)

3.2mm thick aluminum panel ensure watertightness of connection (typ)

6.4mm alu. plate (sign panel) mechanically fastened to sign framing

printed-on vinyl

19 mm thick acrylic pictograms

diffusion layer

19mm thick PVC backer, as required, glued to the back of the aluminum panel

self tapping, s/s, tamper resistant screws (typ)

6.4mm (3.2mm) aluminum sign panel mechanically fastened to sign framing

51mm x 51mm x 4.8mm aluminum square tube (sign framing)

blocking as required

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project: Campus Wayfinding
issue date: April 1, 2019

sign: Sign No. 1 - Main Gateway

sheet name: sign construction - details

sheet number: 07

scale: as noted
GENERAL NOTES
1. Provide sign ID stickers as per proposed location plan.
   Form and placement of stickers on signs is to be coordinated with University of Victoria
   Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies
   should be reported to the Architect.

STRUCTURAL NOTES

DRAWINGS
1. These drawings show the completed project. The drawings do not show components that may
   be necessary for construction safety, which is the responsibility of the contractor.
2. The use of these drawings is limited to that indicated in the revisions column.
3. The information on these drawings shall not be used for any other project or works.

DESIGN
1. The structures shown have been designed in substantial accordance with the British Columbia
2. The following wind loads and factors were used: \( q_{50} = 0.63 \text{kPa}, I_{w} = 1.0-ULS, 0.75-SLS\).

FIELD REVIEW BY STRUCTURAL ENGINEER
1. Structural Engineer provides field review only for the work shown on these structural drawings, and it is
   conducted with such frequency as Structural Engineer deems appropriate to ascertain that the work is in
   general conformance with the documents prepared by Structural Engineer.
   Field review by Structural Engineer is not carried out for the Contractor's benefit, nor does it make
   Structural Engineer guarantors of the Contractor's work. It remains the Contractor's responsibility
   to build the work in conformance with the contract documents. Structural Engineer shall not be responsible
   for the acts or omissions of the Contractor, Sub-Contractor, or any other persons performing any of the work
   or for the failure of any of them to carry out the work in accordance with the contract documents.
2. Provide 24 hours advance notice of each required field review. Field reviews shall be scheduled
   to be carried out during normal business hours unless special arrangements are made with Structural Engineer.
3. The work to be reviewed shall be generally complete.

CONCRETE AND REINFORCING STEEL
1. Concrete work shall conform to CAN/CSA-A23.1, CAN/CSA -A23.2, CAN/CSA -A23.3 and
   referenced documents.
2. Reinforcing shall conform to CAN/CSA-G30.18 – Grade 400MPa.
3. Cover to reinforcing steel to be 50mm uno.
4. Portland cement shall be type gu unless noted otherwise.
5. Concrete shall have a unit weight of 23x1 kNm3/ (145x5 pc f) unless noted otherwise.
6. Concrete shall have a compressive strength of 35MPa at 28 days, and conform to exposure class
   C-1 with a maximum water-cement ratio of 0.40 and air content of 5-8%. Maximum aggregate
   size to be 19mm.
7. No calcium chloride is permitted, in any form, in any concrete mix. Curing and protection of
   concrete for hot, cold or dry weather is to be as per clauses 7.4.1.8 and 7.4.2 of CAN/CSA.

ELECTRICAL NOTES
1. Signs must be provided with CSA label
2. LED modules, power supplies, cable, wire and junction box must be integral with signs
3. All electrical installations to be done in accordance with the Canadian Electrical Code
   and as recommended by the LED lighting manufacturer.
4. Run 2\#8 +GND conductors in 27mm PVC conduit from sign to existing campus
   exterior lighting pole standard. Intercept existing underground conduit, install an
   H20 rated flush junction box with bolt-on cover and splice into exterior lighting circuit.
5. The sign manufacturer shall provide an electrical shop drawings indicating
   input power requirements and a schematic wiring diagram for the sign.