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Sign No. 8
Pedestrian - Map Directory Kiosk
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

ABCDEFGHJKLMNPQRSTU VWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

University of Victoria Logo, horizontal standard

full colour

reverse monochromatic - shown against background for clarity

project: Campus Wayfinding
number: FM 09-8567
issue date: April 1, 2019

sign: Sign No. 8 Pedestrian Map Directory Kiosk
typography, colours and pictograms as noted

sheet name:
scale: as noted

sheet number: 02
General Note:
Where applicable, provide 6.4mm thick aluminum spacer under aluminum sign panels to make up for acrylic panel thickness
see also detail 1/8-11
General Note:
Where applicable, provide 6.4mm thick aluminum spacer under aluminum sign panels to make up for acrylic panel thickness
see also detail 1/8-11

side elevation scale 1:20

back elevation scale 1:20
top panel:
3.2mm thick aluminum with digitally printed vinyl (Gary Oak motif) protected with anti-graffiti, optically clear overlaminate.

back panel:
Digitally printed vinyl protected with anti-graffiti, optically clear overlaminate. Aluminum panel size: 710 mm x 1848 mm x 3.2 mm

bottom panel:
3.2 mm thick aluminum with clear anodized coating.

Non-glare clear acrylic:
Plaskolite OPTIX Abrasion Resistant Non-Glare or equivalent.
Clear acrylic (pictograms):
Plaskolite OPTIX, Chemcast GP or equivalent.

First surface prints:
Vynl: 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) Directory map shown for reference only. Directory map with all associated texts and pictograms to be provided in digital format by University of Victoria
6) Manufacturer to confirm all dimensions prior to fabrication.
opaque monochromatic reversed
crest height: 95 mm
pin strip to be 15 mm wide (typ)

19mm thick clear acrylic glued to inside face of aluminum panel.
Red translucent vinyl applied to front of push through pictogram
and white diffuser vinyl applied on the back face.

type size: 50pt
type size: 22pt
directory map shown for reference only.
current directory map to be provided in digital format
by University of Victoria

General note:
Manufacturer to confirm all dimensions prior to fabrication.

project: Campus Wayfinding
number: FM 09-8567
issue date: April 1, 2019

sign: Sign No. 8 Pedestrian Map Directory Kiosk
sheet name: sign design - graphic design details cont.
scale: as noted

sheet number: 06
1200mm x 1200mm x 250mm concrete footing
expansion joint
150mm thick min. concrete pad
600mm x 600mm concrete post
25mm chamfered edge
round-off plate corners - radius 10 mm (typ.)
203mm x 203mm x 6.4mm HSS
with powder coat finish
(to match clear anodize coating)
350mm x 350mm x 25mm base plate
welded to post w/ powder coat finish
round-off plate corners - radius 10 mm (typ.)
4-19mm s/s anchor bolts
with washers and leveling nuts (typ)
51mm x 51mm x 4.8mm aluminum angle as required
(PVC support)
US LED PSA-12-60
(LED12/A012V/SF)
or equivalent power supply
one for each side of sign
2-19mm dia. s/s thru bolts (typ)
see structural notes
electrical junction box
19mm thick PVC panel (LED support)
maintain 5mm min gap between edge of panel and sign framing where applicable
US LED PNT-3-12-W or equivalent
- space fixtures as per manufacturer's recommendations to ensure even light distribution
round-off plate corners
radius to be 10 mm (typ.)
section a scale 1:15

section b scale 1:15

General Note:
Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.
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Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.

roof (paint finish option)
plan scale 1:15
6.4 mm thick, 38 mm wide aluminum retainer with printed on vinyl, overlaminlate finish
6.4 mm thick acrylic panel
50 mm x 50 mm x 6.4 mm thick aluminum angle (panel support) at cornes welded to sign framing
3.2 mm thick aluminum sign panel
3.2 mm thick aluminum profile with top and bottom caps and print-on vinyl/overlaminate finish to be welded to sign framing,
s/s self tapping, temper resistant screws (typ)
51 mm x 51 mm x 4.8 mm aluminum square tube
3.2 mm thick custom made aluminum profile (panel support) as required - welded to sign framing
always maintain 20 mm shadow depth on perimeter of the acrylic panel
always maintain 20 mm shadow depth on perimeter of the acrylic panel
6.4 mm thick aluminum sheet with paint finish welded to roof members
plate to be welded to the side of roof rafter
19 mm dia. tamper resistant s/s thru bolt (typ) see structural notes
51 mm x 102 mm x 3.2 mm aluminum rectangular tube w/ clear anodized coating or paint finish (to be determined by UVic) all connection to be welded
6.4 mm thick aluminum bracket
c/w 4-19 mm dia tamper resistant s/s thru bolts
6.4 mm thick aluminum sign panel
6.4 mm thick aluminum spacer beyond as required
6.4 mm thick acrylic clear panel, vinyl with digital print and diffusion layer
always maintain 20 mm shadow depth on perimeter of the acrylic panel

Sign No. 8 Pedestrian Map Directory Kiosk

General Note: Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.
General Notes:
1) top of 100mm thick concrete slab to be flush with existing sidewalk. Concrete pad is to be modified accordingly - always maintain 50mm height difference.
2) drawing should be read in conjunction with arch. specifications
3) Contractor to verify all dimensions on site prior to sign installation

1. plan view scale 1:30

2. section a-a scale 1:30
1. Provide self adhesive sign ID stickers. ID's should correspond with ID's shown on location plan.

2. Fasteners:
   - foundation (anchor bolts):
     - bolts: Fastenal part #47349 (3/4" s/s threaded)
     - washers: Fastenal part #71027 (3/4" s/s washers)
   - nuts: Fastenal part #70717 (3/4" s/s nuts)
   - panels:
     - security screws panel attachment: Fastenal part #BS0160024SSH200 (10-24 x 3/4" button head security screw)

3. Whenever anchor bolts are cut, contractor to ensure cut surfaces (terminated coating) are protected against rusting.

4. 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 Building Code 2006, which is based on the National Building Code of Canada 2005.

2. The following wind loads and factors were used: q50=0.63kPa, Iw=1.0-ULS, 0.75-SLS.

3. Extruded shapes, Tubes, Bolts, and Plate to be 6061 alloy uno.

4. Aluminum sections shall be new.

5. Aluminum in contact with concrete or grout shall be given a heavy coat of alkali-resistant bituminous paint or other equivalent coating before installation.

6. Aluminum alloys shall conform to the Aluminum Association publication Aluminum Standards and Data ISO 6361-2 or ISO 6362-2.

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.

8. Fasteners:
   - bolts: Fastenal part #47349 (3/4" s/s threaded)
   - nuts: Fastenal part #70717 (3/4" s/s nuts)

9. The sign manufacturer shall provide an electrical shop drawings indicating input power requirements and a schematic wiring diagram for the sign.

10. Provide 6 mm cap plates for all tube members uno.

11. Aluminum shall be connected with fillet welds all-around uno. Weld size shall match the wall thickness of the thinnest part being connected uno. Welds to be ground smooth.

**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 28g 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.