Sign No. 8
Pedestrian - Map Directory Kiosk

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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, crest - reversed monochromatic

samples of typeface family

Myriad Pro Semi Bold

ABCDEFGHJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

University of Victoria Logo, horizontal standard

full colur

opaque monochromatic

opaque monochromatic reversed

arrow style and arrow size in relation to text height

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<th>project number</th>
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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

Sign No. 8 Pedestrian Map Directory Kiosk
sign design - overview

side elevation scale 1:20
front elevation scale 1:20

project: Campus Wayfinding
number: FM 09-8567
issue date: Jan 31, 2012

sign: Sign No. 8 Pedestrian Map Directory Kiosk
sheet name: sign design - overview
scale: as noted
General Note:
Where applicable, provide 6.4mm thick aluminum spacer under aluminum sign panels to make up for acrylic panel thickness
see also detail 1/6-11
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

Non-glare clear acrylic:
Plaskolite OPTIX Abrasion Resistant Non-Glare
or equivalent.
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) 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.

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

project: Campus Wayfinding
number: FM 09-8567
issue date: Jan 31, 2012

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

sheet number: 05
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.

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: Jan 31, 2012

Sign: Sign No. 8 Pedestrian Map Directory Kiosk
Name: Sign design - graphic design details cont.
Scale: As noted

Sheet number: 06
General Note:
Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.

1) Provide ventilation holes as required
2) US LED PSA-12-60 power supply to provide source of power to a maximum of 50 MegaBright 12 LED Modules
3) Sign must have a CSA label as an assembly
1200mm x 1200mm x 250mm concrete footing

expansion joint

150mm thick min. concrete pad

600mm x 600mm concrete post

round-off plate corners - radius 10 mm (typ.)

4-19mm s/s anchor bolts with washers and leveling nuts (typ)

350mm x 350mm x 25mm base plate welded to post w/ powder coat finish (to match clear anodize coating)

25mm chamfered edge

outline of sign cabinet

4-19mm s/s anchor bolts with washers and leveling nuts (typ)

203mm x 203mm x 6.4mm HSS (to match clear anodize coating)

round-off plate corners - radius 10 mm (typ.)

R 245

1000

450

450

51mm x 51mm x 4.8mm aluminum angle as required (PVC support)

19mm thick PVC panel (LED support) maintain 5mm min gap between edge of panel and sign framing where applicable

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

15.00°

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.
General Note: Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.
3.2 mm thick aluminum sign panel

50mm x 50mm x 6.4 mm thick aluminum angle (panel support) at corners welded to sign framing

3.2 mm thick aluminum sign panel

6.4 mm thick acrylic panel

50mm x 50mm x 6.4 mm thick aluminum angle (panel support) at corners welded to sign framing

6.4 mm thick custom made aluminum profile (panel support) as required - welded to sign framing

3.2 mm thick aluminum profile with top and bottom caps and print-on vinyl/overlaminate finish to be welded to sign framing,

3.2 mm thick aluminum profile

6.4 mm thick acrylic panel

51mm x 51mm x 4.8mm aluminum square tube

6.4 mm thick aluminum sign panel

6.4 mm thick aluminum spacer

6.4 mm thick acrylic clear panel, vinyl with digital print and diffusion layer

6.4 mm thick acrylic clear panel

6.4 mm thick acrylic panel

3.2 mm thick aluminum sheet with paint finish welded to roof members

19 mm dia. tamper resistant s/s thru bolt (typ)

see structural notes

6.4 mm thick aluminum bracket

51mm x 102mm 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

4/19 mm dia tamper resistant s/s thru bolts

General Note:
Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.
Concrete pad as per sheet 08 of arch. drawings (raised edge of the pad acts as a warning element for visually impaired.)

Create continuous 10mm min. expansion joint along the edge of the existing sidewalk - fill with elastomeric sealant.

Create continuous 10mm expansion joint along the edge of the concrete pad - fill with elastomeric sealant.

100 mm thick concrete slab on compacted gravel bed to match existing sidewalk - see arch specifications Section 32 13 13 (typ)

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.

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

1. Provide self adhesive sign ID stickers. ID's should correspond with ID's shown on location plan
Form and placement of stickers on signs is to be coordinated with University of Victoria
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: w50=0.63kPa, 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.
2. 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.
3. 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 the Structural Engineer.
4. The work to be reviewed shall be generally complete.

CONCRETE AND REINFORCING STEEL
2. Reinforcing shall conform to CAN/CSA-G30.18R – Grade 400MPa.
3. Cover to reinforcing steel to be 50mm uno.
4. Portland cement shall be type G unless noted otherwise.
5. Concrete shall have a unit weight of 23±1 kN/m3/ (145±5 pcf) unless noted otherwise.

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.