Sign No. 15
Minor Pedestrian Map

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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

- gary oak motif - digital file is to be delivered by University of Victoria

**samples of Typeface Family**

**Myriad Pro Semi Bold**

ABCDEFGHIJKLMNOPQRSTUVWXYZ
defghijklmnopqrstuvwxyz
1234567890

**University of Victoria Logo, horizontal standard**

**full colour**

- University of Victoria

**opaque monochromatic**

- University of Victoria

**opaque monochromatic reversed**

- University of Victoria

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**Project:** Campus Wayfinding

**Number:** FM 09-8567

**Issue Date:** Jan 31, 2012

**Sign:** Sign No. 15 - Minor Pedestrian Map

**Typography, colours and pictograms:**

- typography, colours and pictograms as noted

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**Sheet Number:** 02
Description
Digitally printed vinyl protected with anti-graffiti, optically clear overlamine on front and back of panel.
Edges of the panel to be spray painted with Mathews, two part Acrylic Polyurethane or equivalent.
Aluminum panel size: 780 mm x 600 mm x 6.4 mm

Vinyl: 3M IJ180, MPI 2005 or equivalent
Overlamine: 3M 8914, Avery DOL 6060 or equivalent.

1) One piece vinyl to be printed on, installed as per manufacturer’s recommendations.
2) Use compatible UV inks and overlaminates as recommended by manufacturer
3) Edges of the aluminum panel to be spray painted with PANTEONE 7541 C colour
4) Back of the panel to receive vinyl with printed PANTEONE 7541 C colour
4) Digital file with Directory Map is to be delivered by University of Victoria

Refer to Adobe Photoshop files for detailed sample layout
grade 900 (min)
grade 400mm dia. concrete foundation reinforced with 5-15M vert. 10mm ties @ 300mm
225mm x 225mm x 12.5mm base plate w/ clear anodized finish welded to post
4-12.5mm s/s anchor bolts with leveling nuts (typ)

fill with 35 MPa non-shrink grout (typ)

6.4mm aluminum plate (sign panel)
76mm x 76mm x 6.4mm aluminum square tube w/ clear anodized coating (typ)
225mm x 225mm x 12.5mm base plate w/ clear anodized finish welded to post (pos)
4-12.5mm s/s anchor bolts with leveling nuts (typ)
nuts to extend max 10mm above bolt
top of footing to be flush with adjacent grade if located on pavement and 50mm above in landscaped areas
2.5mm thick aluminum rain cap, welded to post rain cap to have clear anodized finish (typ)

12 mm dia. tamper resistant s/s thru bolt (typ)
- see structural notes

6.4mm aluminum plate (sign panel)
76mm x 76mm x 6.4mm aluminum square tube w/ clear anodized coating (typ)
225mm x 225mm x 12.5mm base plate w/ clear anodized coating welded to post (pos)
4-12.5mm s/s anchor bolts with washers and leveling nuts.
Bolt to extend 10mm max. above nut.
Thread to be locked with Loctite 271 Red - clean any visible residue after application (typ)

225mm x 225mm x 12.5mm aluminum base plate w/ clear anodized coating welded to post (typ)

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.
2. Fasteners:
   - foundation (anchor bolts):
     - bolts: Fastenal part #47406 (1/2” s/s threaded rod)
     - washers: Fastenal part #71021 (1/2” s/s washers)
     - nuts: Fastenal part #70714 (1/2” s/s nuts)
   - posts:
     - thru bolts: Fastenal part #10630-04183 (1/2” s/s x 4” button Socket Cap Screw)
     - thru bolt washers: Fastenal part #71021 (1/2” s/s washers)
     - thru bolt nuts: 70714 (1/2” s/s nuts)
3. Threadlocker: Locktite 271 Red
4. Whenever anchor bolts are cut, contractor to ensure cut surfaces (terminated coating) are protected against rusting.
5. Manufacturer to verify all dimensions prior to sign fabrication. All discrepancies should be reported to the Architect.

STRUCTURAL NOTES
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 gu unless noted otherwise.
5. 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.
6. 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.

STRUCTURAL ALUMINUM
1. Aluminum sections shall be new.
2. Aluminum alloys shall conform to the Aluminum Association publication Aluminum Standards and Data ISO 6361-2 or ISO 6362-2.

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. The work to be reviewed shall be generally complete.

CONCRETE AND REINFORCING STEEL (cont)
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 gu unless noted otherwise.
5. Concrete shall have a unit weight of 23±1 kn/m³ (145±5 pcf) 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.

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, lw=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. Structural Engineer guarantees 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.
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3. The work to be reviewed shall be generally complete.