# Streetlight Base & Traffic Listings

<table>
<thead>
<tr>
<th>Drawing Number</th>
<th>Item Description</th>
<th>Product Size (Length x Width x Depth in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFR1-25-R197-3Z2Z-C</td>
<td>Footing Pedestal Base</td>
<td>350 sq x 1220</td>
</tr>
<tr>
<td>SFR1-25-R269-SERV-C</td>
<td>Footing Pedestal Service Base</td>
<td>550 sq x 1220</td>
</tr>
<tr>
<td>SS40-25-R197-3Z2Z-C</td>
<td>405 x 405 x 1220 High Square Base</td>
<td>405 sq x 1220</td>
</tr>
<tr>
<td>SS60-25-R269-SERV-C</td>
<td>610 x 610 x 1220 High Square Service Base</td>
<td>610 sq x 1220</td>
</tr>
<tr>
<td>SPC2-25-R197-3Z2Z-C</td>
<td>Pyramid Base</td>
<td>295 to 610 sq x 1220</td>
</tr>
<tr>
<td>SPC3-25-R269-SERV-C</td>
<td>Pyramid Service Base</td>
<td>410 to 750 sq x 1220</td>
</tr>
<tr>
<td>SPA1-25-R197-5Z1Z-C</td>
<td>Highway Application 1 Pyramid Base</td>
<td>500 to 770 sq x 930</td>
</tr>
<tr>
<td>SPA3-25-R197-5Z1Z-C</td>
<td>Highway Application 3 Pyramid Base</td>
<td>490 to 840 sq x 1250</td>
</tr>
<tr>
<td>SP18-25-R197-3Z2Z-C</td>
<td>1800 Pyramid Parking Lot Base</td>
<td>350 to 740 sq x 1800</td>
</tr>
<tr>
<td>SP21-25-R197-3Z2Z-C</td>
<td>2100 Pyramid Parking Lot Base</td>
<td>350 to 800 sq x 2100</td>
</tr>
<tr>
<td>SLMM-33-000P-C</td>
<td>MMCD Type P Controller Base</td>
<td>1220 x 760 x 900</td>
</tr>
<tr>
<td>SLSU-33-0900-C</td>
<td>Surrey Controller Base</td>
<td>910 x 760 x 880</td>
</tr>
<tr>
<td>SLNH-33-0900-C</td>
<td>MoT Controller Base (K/O Style)</td>
<td>1130 x 760 x 900</td>
</tr>
<tr>
<td>SRAB-25-F197-5Z1Z-C</td>
<td>MoT &amp; MMCD Type A Round Base</td>
<td>500Ø x 1200</td>
</tr>
<tr>
<td>SPC0-25-F197-5Z1Z-C</td>
<td>MoT &amp; MMCD Type B Round Base</td>
<td>500Ø x 1500</td>
</tr>
<tr>
<td>SPC0-25-F197-3Z2Z-C</td>
<td>MoT Type C Pyramid Base</td>
<td>400 to 1000 sq x 1500</td>
</tr>
<tr>
<td>SPC1-25-F269-SERV-C</td>
<td>MMCD Type C1 Service Base</td>
<td>450 to 1000 sq x 1500</td>
</tr>
<tr>
<td>SPC2-25-F197-3Z2Z-C</td>
<td>MMCD Type C2 Base</td>
<td>295 to 610 sq x 1220</td>
</tr>
<tr>
<td>SPC3-25-F269-SERV-C</td>
<td>MMCD Type C3 Service Base</td>
<td>465 to 750 sq x 1220</td>
</tr>
</tbody>
</table>
# Streetlight Base & Traffic Listings

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<tr>
<th>Drawing Number</th>
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<tbody>
<tr>
<td>SFC4-25-F197-3Z2Z-C</td>
<td>MMCD Type C4 Base</td>
<td>450 sq x 1220</td>
</tr>
<tr>
<td>SFC5-25-F269-3Z2Z-C</td>
<td>MMCD Type C5 Service Base</td>
<td>450 sq x 1220</td>
</tr>
<tr>
<td>SPD2-32-F216-5Z1Z-C</td>
<td>MoT Type D2 Pyramid Base</td>
<td>400 to 1100 sq x 1800</td>
</tr>
<tr>
<td>SPE2-25-F197-5Z1Z-C</td>
<td>MoT &amp; MMCD Type E2 Pyramid Base</td>
<td>400 to 1100 sq x 1800</td>
</tr>
<tr>
<td>SPSF-25-D243-3Z2Z-C</td>
<td>MoT &amp; MMCD Type F2 &amp; S2 Pyramid Bases</td>
<td>500 to 1240 sq x 2100</td>
</tr>
<tr>
<td>SPL2-38-F276-5Z1Z-C</td>
<td>MoT &amp; MMCD Type L2 Pyramid Base</td>
<td>500 to 1300 sq x 2300</td>
</tr>
<tr>
<td>SRT1-25-F197-PZ1Z-C</td>
<td>MoT Sign Post Base - Type 1</td>
<td>300Ø x 600</td>
</tr>
<tr>
<td></td>
<td>MoT Sign Post Base - Type 2</td>
<td>300Ø x 800</td>
</tr>
<tr>
<td>SLFL-30-0400-C</td>
<td>MoT &amp; MMCD Post Mounted Flasher Base</td>
<td>300Ø x 400</td>
</tr>
<tr>
<td>SLCP-30-0450-C</td>
<td>CP Rail Base</td>
<td>845 x 290 x 1220</td>
</tr>
<tr>
<td>B937-00-0305-C</td>
<td>B937 Top / Extension 305 High</td>
<td>433 x 261 x 305 i.d.</td>
</tr>
<tr>
<td>B937-00-0150-C</td>
<td>B937 Top / Extension 152 High</td>
<td>433 x 261 x 152 i.d.</td>
</tr>
<tr>
<td>B937-ZZ-LIDS-C</td>
<td>B937 Cast Iron &amp; Steel Covers</td>
<td>457 x 285 x 44</td>
</tr>
<tr>
<td>B937-N3-LREC-C</td>
<td>B937 Box w/ Tamper Proof Lid Options</td>
<td>433 x 261 x 305 i.d.</td>
</tr>
<tr>
<td>T266-N3-ZZZZ-C</td>
<td>T266 Service Box - Complete</td>
<td>718 x 438 x 750 i.d.</td>
</tr>
<tr>
<td></td>
<td>Available as Individual Sections (2 Sections + Base + Lid)</td>
<td></td>
</tr>
<tr>
<td>T266-00-0150-C</td>
<td>T266 Top / Extension 150 High</td>
<td>712 x 432 x 200 i.d.</td>
</tr>
<tr>
<td>5686-68-MOTH-C</td>
<td>5686 MoT Pullbox</td>
<td>860 x 560 x 870 i.d.</td>
</tr>
<tr>
<td></td>
<td>c/w Base, Bottom, Top and Bolt Down Checker Plate Cover</td>
<td></td>
</tr>
<tr>
<td>5686-00-0150-C</td>
<td>5686 Top / Extension 150 High</td>
<td>860 x 560 x 180 i.d.</td>
</tr>
<tr>
<td>SVZZ-2B-4040-C</td>
<td>4040 Service Vault</td>
<td>755 x 755 x 765 i.d.</td>
</tr>
<tr>
<td>SVZZ-LIDS-4040-C</td>
<td>4040 Service Vault Covers,</td>
<td>Varies</td>
</tr>
<tr>
<td></td>
<td>Concrete Collar w/ Steel Lids, Concrete Lids (3), Cast Iron Cover</td>
<td></td>
</tr>
</tbody>
</table>

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**Sales Office:** 19060-54th Avenue, Surrey, B.C. Canada V3S 8E5  
**Shipping:** 5353-192nd Street, Surrey, B.C. Canada V3S 8E5
# Streetlight Base & Traffic Listings

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<th>Drawing Number</th>
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<tr>
<td>SVZZ-C2-4040-C</td>
<td>4040 Service Vault Riser 150 High</td>
<td>830 x 830 x 150 i.d.</td>
</tr>
<tr>
<td>SVHZ-2B-1200-C</td>
<td>1.2m Highways Medium Junction Vault w/ Collar</td>
<td>970 x 970 x 950 i.d.</td>
</tr>
<tr>
<td>SVVZ-2A-0243-C</td>
<td>243 MMCD Vault w/ Lid Assembly (Bottomless)</td>
<td>1220 x 610 x 960 i.d.</td>
</tr>
<tr>
<td>SVVZ-20-0243-C</td>
<td>243 Custom Vault w/ Collar and Lid Assembly</td>
<td>1220 x 610 x 965 i.d.</td>
</tr>
<tr>
<td>VC21-20-MOTH-C</td>
<td>2122 MoT Communications Vault</td>
<td>2030 x 1210 x 1970 i.d.</td>
</tr>
</tbody>
</table>
V-Groove
Drain Trough

Plan View

250 x 915
Galvanized Rebar Bolts

Bolt Square

Optional 25Ø PVC for Ground Rod

Side View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (247 max)
- BCD (350 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Footing Pedestal Base

Base: 2,590 lbs / 1,180 kgs

Scale: 1:20 mm

Rev: 22Jul13

Dwg#: SFR1-25-R197-3Z2Z-C
Plan View

Side View

V-Groove Drain Trough

250 x 915 Galvanized Rebar Bolts

Bolt Square 269

70

90

70

32Ø PVC

Optional 25Ø PVC for Ground Rod

1220 sq

550 Sq

610 sq

380 BCD

25Ø  x  915

200

1220

32Ø PVC

3,760 lbs / 1,710 kgs

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (389 max)
- BCD (550 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Footing Pedestal Service Base

Dwg#: SFR1-25-R269-SERV-C
Plan View

- 350 Sq
- 405 Sq
- 279 BCD
- V-Groove Drain Trough

Side View

- 25Ø x 915 Galvanized Rebar Bolts
- Bolt Square 197
- 80
- 90
- 700
- 1220
- 32Ø PVC
- Optional 19Ø PVC for Ground Rod

Customizations Available:
- Bolt Size & Type
- Bolt Square (247 max)
- BCD (350 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

405 x 405 x 1220 High Square Base
- Base: 1,110 lbs / 510 kgs
- Scale: 1:20 mm
- Rev: 22Jul13

Dwg#: SS40-25-R197-3Z2Z-C
Plan View

V-Groove Drain Trough

610 Sq
460 Sq
510 Sq
380 BCD

Side View

Bolt Square
269
90
50Ø PVC
32Ø PVC

Optional 19Ø PVC for Ground Rod

610 x 610 x 1220 High Square Service Base

610 x 610 x 1220 High Square Service Base

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (325 max)
- BCD (460 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Base: 2,420 lbs / 1,100 kgs

Scale: 1:20 mm
Rev: 22Jul13

Dwg#: SS60-25-R269-SERV-C
Plan View

Side View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitabily for Use and
  Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (208 max)
- BCD (295 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Pyramid Base

Base: 1,600 lbs / 730 kgs

Scale: 1:20 mm

Rev: 19Jul13

Dwgt#: SPC2-25-R197-3Z2Z-C
**Pyramid Service Base**

- **Base:** 2,500 lbs / 1,140 kgs
- **Scale:** 1:20 mm
- **Rev:** 15Aug13
- **Dwg#:** SPC3-25-R269-SERV-C

**General Notes:**
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

**Customizations Available:**
- Bolt Size & Type
- Bolt Square (290 max)
- BCD (410 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing
Plan View

V-Groove Drain Trough

- 770 Sq
- 500 Sq
- 540 Sq
- 279 BCD

Side View

- 250 x 915 Galvanized Rebar Bolts
- Bolt Square
- 50Ø PVC

Customizations Available:
- Bolt Size & Type
- Bolt Square (354 max)
- BCD (500 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Highway Application 1 Pyramid Base

Base: 2,220 lbs / 1,010 kgs

Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SPA1-25-R197-5Z1Z-C
Plan View

840 Sq
490 Sq
530 Sq
279 BCD

V-Groove Drain Trough

250 x 915 Galvanized Rebar Bolts

50Ø PVC

Side View

Bolt Square 197

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (346 max)
- BCD (490 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Highway Application 3 Pyramid Base
Base: 3,290 lbs / 1,500 kgs
Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SPA3-25-R197-5Z1Z-C
1800 Pyramid Parking Lot Base

Base: 3,380 lbs / 1,540 kgs

Customizations Available:
- Bolt Size & Type
- Bolt Square (247 max)
- BCD (350 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

19060 · 54th Avenue
Surrey, B.C. V3S 8E5
Tel (604) 576-1808
info@aeconcrete.com

Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SP18-25-R197-3Z2Z-C
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (247 max)
- BCD (350 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

2100 Pyramid Parking Lot Base
Base: 4,370 lbs / 1,990 kgs

Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SP21-25-R197-3Z2Z-C
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

**Plan View**

**Side View**

**End View**

**MMCD Type P Controller Base**
(MMCD Dwg# E1.2)

Base: 4,100 lbs / 1,860 kgs

Scale: 1:20 mm
Rev: 22Jul13

Dwg#: SLMM-33-000P-C
Plan View

Side View

End View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Surrey Controller Base

Base: 3,000 lbs / 1,370 kgs

Scale: 1:20 mm

Rev: 28Jun08

Dwg#: SLSU-33-0900-C
Each Opening is Covered with a min 25mm Skim Coat. Knock out Skim Coat with a Hammer to get Access to Appropriate Opening.

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and
  Engineering Design Approval is the responsibility of others

MoT & MMCD Type A & B Bases
(MoTH Dwg# SP635-1.1.2, MMCD Dwg# CE1.2)

<table>
<thead>
<tr>
<th>Type</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1200</td>
</tr>
<tr>
<td>B</td>
<td>1500</td>
</tr>
</tbody>
</table>

Customizations Available:
- Bolt Size & Type
- Bolt Square (220 max)
- BCD (310 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing
Plan View

V-Groove Drain Trough
Base Type Imprinted in Corner

1000 Sq
400 Sq
450 Sq
279 BCD

Side View

Bolt Square 197
25Ø x 915 Galvanized SAE 4140 Anchor Bolts

50Ø PVC
700
1500

Customizations Available:
- Bolt Size & Type
- Bolt Square (283 max)
- BCD (400 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

MoT Type C Pyramid Base
(MoTH Dwg# SP635-1.1.3)

Base: 4,540 lbs / 2,060 kgs

Scale: 1:20 mm  Rev: 03Feb09
Dwg#: SPC0-25-F197-5Z1Z-C
Plan View

Side View

V-Groove Drain Trough
Base Type Imprinted in Corner

Ø 279 BCD

25Ø x 915 Galvanized SAE 4140 Anchor Bolts

32Ø PVC

Bolt Square

25

80

700

1500

1000 Sq

400 Sq

450 Sq

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

MMCD Type C Pyramid Base
(MMCD Dwg# CE1.3 & CE 1.4)

Base: 4,565 lbs / 2,070 kgs

Customizations Available:
- Bolt Size & Type
- Bolt Square (283 max)
- BCD (400 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing
Plan View

Side View

V-Groove
Drain Trough

Base Type
Imprinted in
Corner

Ø 380 BCD

25Ø x 915
Galvanized SAE 4140 Anchor Bolts

269

80

25

915

1500

32Ø PVC

25Ø PVC

50Ø PVC

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (283 max)
- BCD (400 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

MMCD Type C1 Service Base
(MMCD Dwg# CE1.3 & CE 1.4)

Base: 4,550 lbs / 2,070 kgs

Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SPC1-25-F269-SERV-C
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (209 max)
- BCD (295 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

MMCD Type C2 Base
(MMCD Dwg # CE1.3)

Base: 1,600 lbs / 730 kgs

Scale: 1:20 mm
Rev: 22Jul13
Dwg#: SPC2-25-F197-3Z2Z-C
**General Notes:**
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

**Customizations Available:**
- Bolt Size & Type
- Bolt Square (290 max)
- BCD (410 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

**MMCD Type C3 Service Base**
(MMCD Dwg# CE1.3)

Base: 2,500 lbs / 1,140 kgs

Scale: 1:20 mm  Rev: 22Jul13

Dwg#: SPC3-25-F269-SERV-C
**Plan View**

- V-Groove Drain Trough
- Base Type Imprinted in Corner

- Ø 279 BCD

**Side View**

- Bolt Square
- 25Ø x 915 Galvanized SAE 4140 Anchor Bolts
- 32Ø PVC
- 700 Typ
- 1020
- 200
- 1220

**General Notes:**
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

**Customizations Available:**
- Bolt Size & Type
- Bolt Square (290 max)
- BCD (410 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

**MMCD Type C4 Base**
(MMCD Dwg # CE1.5)

- Base: 2,670 lbs / 1,210 kgs
- Scale: 1:20 mm
- Rev: 22Jul13

Dwgf#: SFC4-25-F197-3Z2Z-C
Plan View

Base Type Imprinted in Corner

380 BCD

410 Sq

450 Sq

V-Groove Drain Trough

200

1020

1220

269

380

250 x 915

Galvanized SAE 4140 Anchor Bolts

Bolt Square

25Ø x 915

700 Typ

1020

1220

900

25Ø PVC

200

32Ø & 50Ø PVC

20

80

25Ø PVC

Side View

Customizations Available:
- Bolt Size & Type
- Bolt Square (290 max)
- BCD (410 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

MMCD Type C5 Service Base
(MMCD Dwg# CE1.5)

Base: 2,670 lbs / 1,210 kgs

Scale: 1:20 mm

Rev: 22Jul13

Dwg#: SFC5-25-F269-3Z2Z-C

19060 - 54th Avenue
Surrey, B.C. V3S 8E5
Tel (604) 576-1808
info@aeconcrete.com
**General Notes:**
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

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**MoT Type D2 Pyramid Base**  
(MoTH Dwg# SP635-1.1.7)

- Bolt Size & Type
- Bolt Square (283 max)
- BCD (400 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

---

Base: 6,300 lbs / 2,860 kgs  
Scale: 1:20 mm  
Rev: 22Jul13  
Dwg#: SPD2-32-F216-5Z1Z-C
Plan View

Side View

Plan View

Side View

V-Groove Drain Trough

Base Type Imprinted in Corner

Ø 279 BCD

25Ø x 915 Galvanized SAE 4140 Anchor Bolts

Bolt Square

80

30

700

1800

50Ø PVC

Customizations Available:
- Bolt Size & Type
- Bolt Square (283 max)
- BCD (400 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

MoT & MMCD Type E2 Pyramid Base

(MoTH Dwg# SP635-1.1.7, MMCD Dwg# CE1.8)

Base: 6,300 lbs / 2,860 kgs

Scale: 1:20 mm

Rev: 22Jul13

Dwg#: SPE2-25-F197-5Z1Z-C
V-Groove Drain Trough
Base Type Imprinted in Corner

Plan View

Elevation

25Ø x 1220mm c.l. Galvanized Dywidag Anchor Bolts (Gr.150)
(Assembled in Cage)

Bolt Square 243

32Ø PVC

160
700
30
2100

550 Sq

500 Sq

1240 Sq

344 BCD

MoT & MMCD Type F2 & S2 Pyramid Bases
(MoTH Dwg# SP635-1.1.14, MMCD Dwg# CE1.13 )

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Customizations Available:
- Bolt Size & Type
- Bolt Square (354 max)
- BCD (500 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

Base: 9,740 lbs / 4,420 kgs

Scale: 1:25 mm
Rev: 22Jul13
Dwg#: SPSF-25-D243-3Z2Z-C
**Plan View**

- V-Groove Drain Trough
- Base Type Imprinted in Corner
- 390 BCD

**Side View**

- Bolt Square
- 38Ø x 1370 Galvanized SAE 4140 Anchor Bolts
- 276
- 700
- 50Ø PVC
- 2300

**General Notes:**
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

**Customizations Available:**
- Bolt Size & Type
- Bolt Square (354 max)
- BCD (500 max)
- Duct Size
- Duct Quantity
- Duct Orientation
- Reinforcing

**MoT & MMCD Type L2 Pyramid Base**
(MoTH Dwg# SP635-1.1.14, MMCD Dwg# E1.13)

- Base: 11,450 lbs / 5,200 kgs
- Scale: 1:25 mm
- Rev: 11Jun15
- Dwg#: SPL2-38-F276-5Z1Z-C
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

MoT Sign Post Base Types 1 & 2
(MoTH Dwg# SP635-1.1.35)

Type 1: 240 lbs / 110 kgs
Type 2: 320 lbs / 150 kgs

<table>
<thead>
<tr>
<th>Type</th>
<th>Height</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>600</td>
<td>Single Post Signs in Paved Islands or Concrete Sidewalks</td>
</tr>
<tr>
<td>2</td>
<td>800</td>
<td>Single or Two Post Signs in Gravel Shoulder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Post O.D.</th>
<th>Inner Sleeve</th>
<th>Sleeve Size in Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 (1-1/2&quot;)</td>
<td>Yes</td>
<td>51 (2&quot;)</td>
</tr>
<tr>
<td>45 (1-3/4&quot;)</td>
<td>Yes</td>
<td>57 (2-1/4&quot;)</td>
</tr>
<tr>
<td>51 (2&quot;)</td>
<td>Yes</td>
<td>57 (2-1/4&quot;)</td>
</tr>
<tr>
<td>57 (2-1/4&quot;)</td>
<td>No</td>
<td>64 (2-1/2&quot;)</td>
</tr>
</tbody>
</table>
Plan View

Side View

MoT & MMCD Post Mounted Flasher Base
(MoTH Dwg# SP635-1.1.37, MMCD Dwg# E1.18)

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Base: 160 lbs / 80 kgs

Scale: 1:10 mm
Rev: 28Jun13

Dwg#: SLFL-30-0400-C
Plan View

Side View

End View

25Ø x 915 Galvanized Rebar Bolts

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and
  Engineering Design Approval is the responsibility of others

CP Rail Base

Base: 470 lbs / 220 kgs

Scale: 1:20 mm  Rev: 28Jun13

Dwg#: SLCP-30-0450-C
**General Notes:**
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

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**B937 Top / Extension 305 High**
(#37 & B-9 1/2)

<table>
<thead>
<tr>
<th>Top/Ext: 105 lbs / 50 kgs</th>
<th>Scale: 1:10 mm</th>
<th>Rev: 28Jun08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dwg#: B937-00-0305-C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
General Notes:
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

Plan View

End View

Top/Ext: 60 lbs / 27 kgs

B937 Top / Extension 152 High
(#37 & B-9 1/2)

AE CONCRETE
19060 - 54th Avenue
Surrey, B.C. V3S 8E5
Tel (604) 576-1808
info@aeconcrete.com

Scale: 1:10 mm
Rev: 28Jun08
Dwg#: B937-00-0150-C
Cast Iron Grate
- Available plain or marked.
Markings: Sewer, Electric Power or Water Meter.

Cast Iron Cover
- Available plain or marked.
Markings: Sewer, Electric Power or Water Meter.

Cast Iron Cover c/w Hole for Remote Reader
- Available plain or marked as Water Meter.

Steel Checker Plate Cover
Painted Black, Boltdown, Steel Checker Plate Lid
Options: Galvanizing, Padlock Recess
Remote Reader Holes
Weld Marking e.g. "ELEC"

General Notes:
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Steel Products manufactured under CSA W47.1 in accordance to CSA W59
- Site Installation, Backfilling & Suitability for Use is the responsibility of others
Painted Black, Boltdown, Steel Checker Plate Lids

Options: Galvanizing, Padlock Recess
Remote Reader Holes
Weld Marking e.g. “ELEC”

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General Notes:

- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Steel Products manufactured under CSA W47.1 in accordance to CSA W59
- Site Installation, Backfilling & Suitability for Use is the responsibility of others.

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B937 Box w/ Tamper Proof Lid Options

<table>
<thead>
<tr>
<th>Description</th>
<th>Lid</th>
<th>Box</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lid:</td>
<td>20 lbs / 10 kgs</td>
<td>105 lbs / 50 kgs</td>
<td>125 lbs / 60 kgs</td>
</tr>
</tbody>
</table>

Scale: 1:10 mm  Rev: 28Jun08  Dwg#: B937-N3-LREC-C
Painted Black, Boltedown, Steel Checker Plate Lids

Options:
- Galvanizing
- Padlock Recess
- Remote Reader Holes
- Weld Marking e.g. "ELEC"

Plan View

Plan View - Lid

1 - 100 x 105 KO’s Each Wall
2 - 70 x 130 KO’s Each Wall

End View

General Notes:
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Steel Products manufactured under CSA W47.1 in accordance to CSA W59
- Site Installation, Backfilling & Suitability for Use is the responsibility of others.

T266 Service Box - Complete

Lid: 65 lbs / 30 kgs
Top/Ext: 140 lbs / 65 kgs
Base: 170 lbs / 30 kgs
Total: 515 lbs / 240 kgs

Scale: 1:15 mm
Rev: 28Jun08
Dwg#: T266-N3-ZZZZ-C
General Notes:
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

T266 Top / Extension 150 High
Top/Ext: 70 lbs / 35 kgs

Scale: 1:15 mm
Rev: 28Jun08
Dwg#: T266-00-0150-C
Plan View

Galvanized Checker Plate Marked "MoT" w/ Holes for Boltdown

PVC Cable Support

Plan View-Lid

Bolt Down Bracket for Cover c/w 10Ø Stainless Steel Bolt & Spring Nut

Lid

Top / Ext

Base

Side View

50Ø Drain Hole

End View

2 - 70Ø K/O's Each End

2 - 140Ø K/O's Each End

General Notes:
- Product manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

5686 MoT Pullbox (880mm Deep)
(MoTH Dwg#: SP635-1.3.1, 2000 Dwg# SP235-1.3.2)

Cover: 100 lbs / 45 kgs
Top/Ext: 195 lbs / 89 kgs
Base: 175 lbs / 79 kgs
Total: 665 lbs / 305 kgs

Scale: 1:15 mm  Rev: 28Jun08

Dwg#: 5686-68-MOTH-C

19060 - 54th Avenue
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info@aeconcrete.com
Plan View

Side View

End View

General Notes:
- Products manufactured in accordance with CSA A23.4
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling & Suitability for Use is the responsibility of others
Plan View

End View

General Notes:
1. Product manufactured in accordance with CSA A23.4
2. Lift Points Provided (See Shop Drawing for Quantity & Locations)
3. Designed for Roadway Use - H-20 Traffic Loading
4. Site Installation, Backfilling & Suitability for Use is the responsibility of others

4040 Service Vault
(Alternate to MoTH Dwg# SP635-1.3.3 & BCH Dwg# ES54 B2-02, Stock# 400-0450)
Box: 2,260 lbs / 1,030 kgs

Dwg#: SVZZ-2B-4040-C
Painted Black, Bolt down, Steel Checker Plate Lids
Options: Galvanizing, Padlock Recess
Remote Reader Holes
Weld Marking e.g. "ELEC"

Plan View

Lift Insert (Typ 4)

Side View
480 lbs / 218 kgs

(A) Boulevard (Off Road) Use Hatch

Plan View

Lifting Cable (Typ 2)

End View
(Typ 3 Required)
300 lbs / 136 kgs Each

(B) Boulevard (Off Road) Use - Direct Bury

Plan View

C-23SF / C-23A
Cast Iron Frame and Cover

Side View

762Ø
146

(C) Roadway Use H-20 Traffic Loading

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Products manufactured under CSA W47.1 in accordance to CSA W59
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

4040 Service Vault Riser 150 High

Riser: 260 lbs / 120 kgs

Scale: 1:20 mm  Rev: 28Jun08
Dwg#: SVZZ-C2-4040-C
Painted Black, Boltdown, Steel Checker Plate Lids

Options:
- Galvanizing, Padlock Recess
- Remote Reader Holes
- Weld Marking e.g. "ELEC"

Plan View - Vault

Plan View - Collar

Side View

End View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

1.2m Highways Medium Junction Vault

Vault: 3,410 lbs / 1,550 kgs
Collar: 720 lbs / 330 kgs

Scale: 1:20mm  Rev: 28Jun08

Dwg#: SVHZ-2B-1200-C
Plan View - Vault

Plan View - Vault w/ Covers

Side View

End View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling, Suitability for Use and Engineering Design Approval is the responsibility of others

Options: Galvanizing, Padlock Recess, Remote Reader Holes, Weld Marking e.g. "ELEC"

Painted Black, Boltdown, Steel Checker Plate Lids

Cable Support Channel

2 Hole Pulling Iron (Typ 2)

Galvanized Steel Frame Cast-in

50Ø PVC

300x515 K/O

Vault: 2,780 lbs / 1,270 kgs
Cover: 370 lbs / 170 kgs

243 MMCD Vault w/ Lid Assembly (Bottomless)
(2009 MMCD Dwg.# E2.5)
Painted Black, Boltdown, Steel Checker Plate Lids

Options: Galvanizing, Padlock Recess
Remote Reader Holes
Weld Marking e.g. "ELEC"

Plan View

Plan View - Collar

Side View

End View

General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Designed for Boulevard (Off-Road) Use - H-20 Static Loading
- Site Installation, Backfilling, Suitability for Use and
  Engineering Design Approval is the responsibility of others

243 Custom Vault w/ Collar & Lid Assembly
Vault: 3,530 lbs / 1,610 kgs
Collar: 610 lbs / 280 kgs

Dwg#: SVVZ-20-0243-C
General Notes:
- Product manufactured in accordance with CSA A23.4
- Lift Points Provided (See Shop Drawing for Quantity & Locations)
- Designed for Roadway Use - H-20 Traffic Loading
- Design and Provision of Thrust Blocks is the responsibility of others
- Site Installation, Backfilling & Suitability for Use is the responsibility of others

2122 MoT Communications Vault
Top: 6,200 lbs / 2,820 kgs
Btm: 6,700 lbs / 3,040 kgs
Scale: 1:40 mm
Rev: 22Jul13
Dwg#: VC21-20-MOTH-C

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Top: 6,200 lbs / 2,820 kgs
Btm: 6,700 lbs / 3,040 kgs