SILVA CELLS FOR STREETSCAPE APPLICATIONS

Basic Silva Cell details are available in one, two, and three-layers of Cell frames. These are a generic representation of a plaza and should be modified to depict actual project conditions.

- □ Concrete 1.1
- \Box Concrete 1.2
- □ Concrete 1.3
- \Box Concrete 2.1
- \Box Concrete 2.2
- \Box Concrete 2.3
- \Box Concrete 3.1
- \Box Concrete 3.2
- □ Concrete 3.3

- □ Pavers, Asphalt & Porous Pavements 1.1
- □ Pavers, Asphalt & Porous Pavements 1.2
- □ Pavers, Asphalt & Porous Pavements 1.3
- □ Pavers, Asphalt & Porous Pavements 2.1
- □ Pavers, Asphalt & Porous Pavements 2.2
- □ Pavers, Asphalt & Porous Pavements 2.3
- □ Pavers, Asphalt & Porous Pavements 3.1
- □ Pavers, Asphalt & Porous Pavements 3.2
- □ Pavers, Asphalt & Porous Pavements 3.3

SILVA CELL SYSTEM COMPONENTS



NOTES:

1. Installation to be completed in accordance with manufacturer's specifications

2. Do not scale drawings.

Disclaimer: Conditions that vary from drawings must be evaluated by a qualified Engineer and appropriate adjustments made.

DeepRoot Green Infrastructure, LLC 530 Washington Street San Francisco, California 94111 Ph. 415 781-9700 www.deeproot.com Urban Trees and Soils 915 Creek Drive Annapolis, Maryland 21403 Ph. 410 263-4838 The Kestrel Design Group 7109 Ohms Lane Minneapolis, MN 55439 952-928-9600 fax 952-224-9860 www.kestreldesigngroup.com Project No.: 07337 Drawn by: MDB Checked by: DR Date: 8/1/2012 Revisions 2012 Releas 07337 Deeproot\CAD\DR-TreeDetails.dwg Silva Cells for STREETSCAPE **APPLICATIONS**

INDEX



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Paving base course per project specifications

Screw Cell decks to frames after snapping in place (typ.) Geogrid. 'J' 6"(150mm) minimum below backfill at base.

- 3/16" x14"(5mm x 350mm) zip ties, attaching Geogrid
- Backfill, installed in 8"(200mm) lifts, within 4"-6"(100-150mm)

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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STREETSCAPE **APPLICATIONS**

Concrete 1.1



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KEY PLAN (for reference only)

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells

for STREETSCAPE **APPLICATIONS**

Concrete 1.2



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Concrete base course per project specifications

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Backfill, installed in 8"(200mm) lifts, within 4"-6"(100-150mm)

(250mm) spike,<10mm dia., see Cell base for spike hole

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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STREETSCAPE **APPLICATIONS**

Concrete 1.3



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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STREETSCAPE **APPLICATIONS**

Concrete 2.1



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells

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Concrete 2.2



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells for

STREETSCAPE **APPLICATIONS**

Concrete 3.1



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Paving base course per

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells for

STREETSCAPE **APPLICATIONS**

Concrete 3.2



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Project No.: 07337 Drawn by: MDB Checked by: DR Date: 8/1/2012

Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells for

STREETSCAPE **APPLICATIONS**

Pavers, Asphalt, & Porous Pavements 1.1



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Pavers, Asphalt, & Porous Pavements 1.2



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Pavers, Asphalt, & Porous Pavements 2.1



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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Pavers, Asphalt, & Porous Pavements 2.2



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

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STREETSCAPE **APPLICATIONS**

Pavers, Asphalt, & Porous Pavements 2.3



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells for

STREETSCAPE **APPLICATIONS**

Pavers, Asphalt, & Porous Pavements 3.1



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Revisions:

2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells for

STREETSCAPE **APPLICATIONS**

Pavers, Asphalt, & Porous Pavements 3.2



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Paving base course per project specifications

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2012 Release

07337 Deeproot\CAD\DR-TreeDetails.dwg

Silva Cells

for STREETSCAPE **APPLICATIONS**

Pavers, Asphalt, & Porous Pavements 3.3