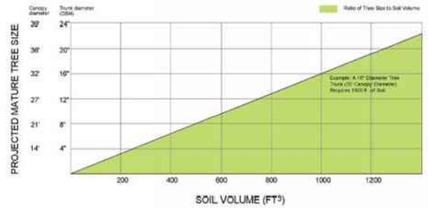
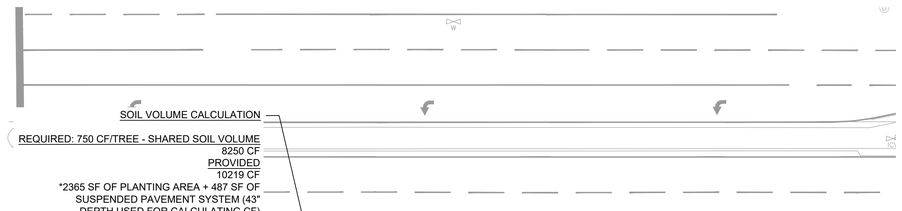
## Required Tree to Soil Volume Ratio Graph




Soil volumes depicted in this chart are based on the amount of roots loam soil can support with optimum compaction for root growth.

## (PEDESTRIAN APPLICATION) 2X SILVA CELL SYSTEM FOR PAVERS

1 SECTION — NOT TO SCALE




TOTAL SOIL VOLUME PROVIDED PER TREE MUST BE IN ACCORDANCE WITH FIGURE 155.3501.J.3.a
REF. CALCULATIONS AND PLAN LAYOUT SHOWN ON SHEET LP-201

FOR INFORMATIONAL USE ONLY - NOT FOR CONSTRUCTION

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
2. DO NOT SCALE DRAWINGS
3. PROVIDE SUPPLEMENTAL IRRIGATION FOR SEASONAL DROUGHT SUPPORT OF TREES & SOIL
4. DETAIL PROVIDED BY DEEP ROOT GREEN INFRASTRUCTURE

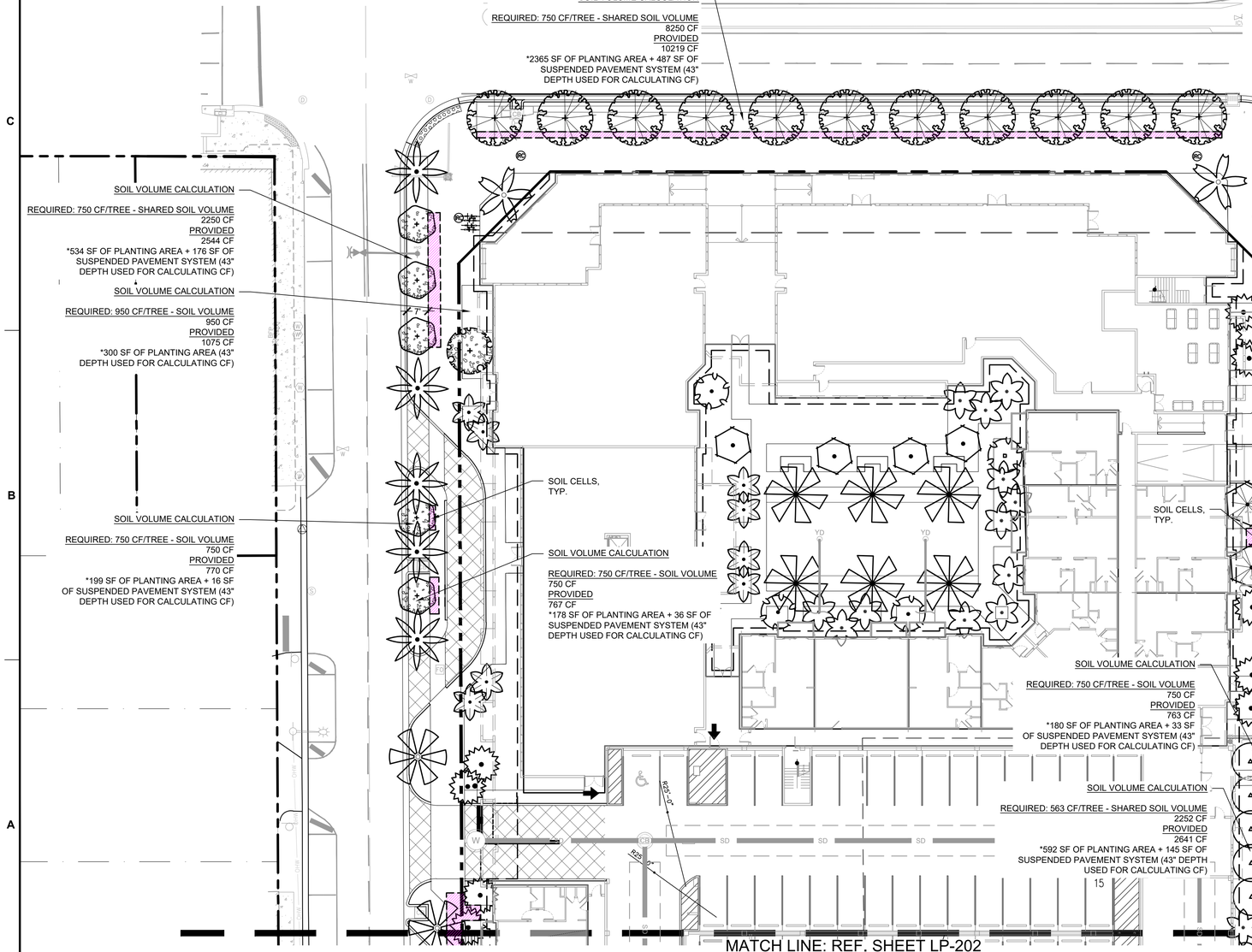
## SILVA CELL OVER UTILITIES

2 SECTION — NOT TO SCALE




SOIL VOLUME CALCULATION

REQUIRED: 750 CF/TREE - SHARED SOIL VOLUME
3000 CF
PROVIDED
3128 CF
*561 SF OF PLANTING AREA + 312 SF OF SUSPENDED PAVEMENT SYSTEM (43" DEPTH USED FOR CALCULATING CF)




N

GRAPHIC SCALE
0 20 40
SCALE: 1" = 20 '

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

DRC
PZ25-12000010
03/06/2025

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Florida Landscape Architecture Business License: LC26000457

Plotted by: kschueler On 7/17/2025 12:37 PM

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

| | |
|---|---|
| ISSUE DATE: | 02/24/25 |
| DESIGNED BY: | RK/KS |
| DRAWN BY: | RK/JB |
| CHECKED BY: | RK/KS |
| BID-CONTRACT: | |

This item has been digitally signed and sealed by Paul H. Weinberg, on the date below using a Digital Signature

REGISTERED LANDSCAPE ARCHITECT PAUL H. WEINBERG LA 6666804 STATE OF FLORIDA

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Date: 2025.07.17 12:40:14-04'00'

PAUL H. WEINBERG, PLA
FLORIDA REG. NO. LA6666804
(FOR THE FIRM)

CLIENT

PORTMAN HOLDINGS

PROJECT

2400 E ATLANTIC
2400 East Atlantic Blvd.
Pompano Beach, FL

SHEET TITLE

SUSPENDED PAVEMENT PLAN

| | |
|---|---|
| SHEET NUMBER | LP-201 |
| PROJECT NUMBER | 14267.00 |

STATUS: DRC SET

Drawing name: H:\14267.00 - 2400 E Atlantic - Portman Holdings\Landscape Architecture\CAD\14267.00-LP-23X.dwg