



## **Submittal # 5**

The 203 Project

Carrboro, North Carolina

Structural Soil Cells

Shop Drawings

Spec 32 94 50.02

General Contractor:

Barnhill

Landscape Contractor:

Landart Solutions, LLC.

Mailing Address: PO BOX 87401 Fayetteville NC 28304

Physical Address: 1031 Suite A Robeson Street Fayetteville NC 28305

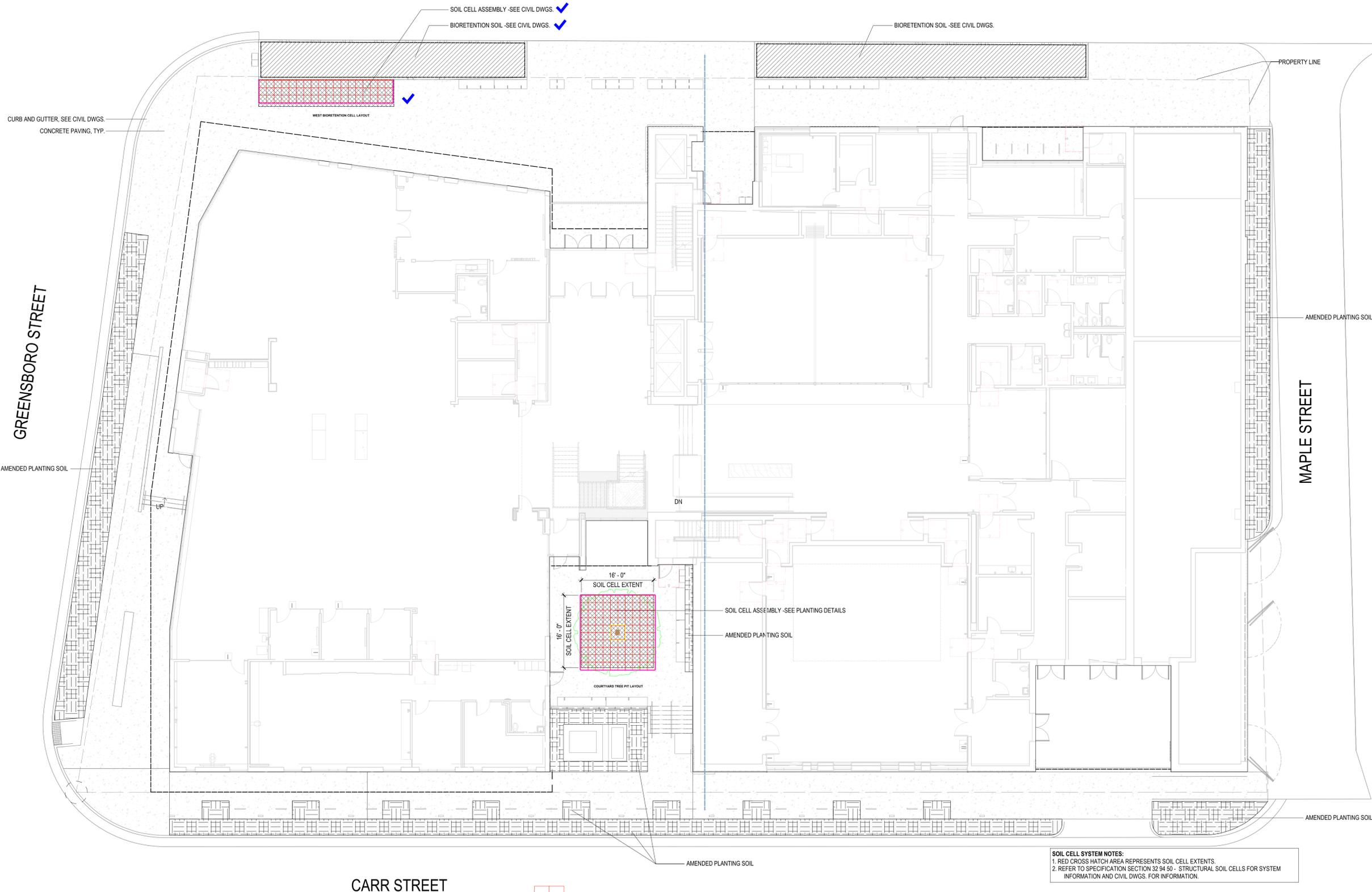
Phone: (910) 960-7411

Email: [office@landartsolutions.com](mailto:office@landartsolutions.com)

Website: [www.landartsolutions.com](http://www.landartsolutions.com)

North Carolina Registered Landscape Contractor and Economically Disadvantaged Woman Owned Small Business

ROBERSON STREET



1 SOIL CELLS AND SOIL ASSEMBLIES  
3/32" = 1'-0"



**SOIL CELL SYSTEM NOTES:**  
 1. RED CROSS HATCH AREA REPRESENTS SOIL CELL EXTENTS.  
 2. REFER TO SPECIFICATION SECTION 32 94 50 - STRUCTURAL SOIL CELLS FOR SYSTEM INFORMATION AND CIVIL DWGS. FOR INFORMATION.



**THE 203 PROJECT**  
 203 SOUTH GREENSBORO STREET  
 CARRBORO, NC 27510  
**TREE PIT & BIORETENTION LOCATION**

No.	DATE	REVISION

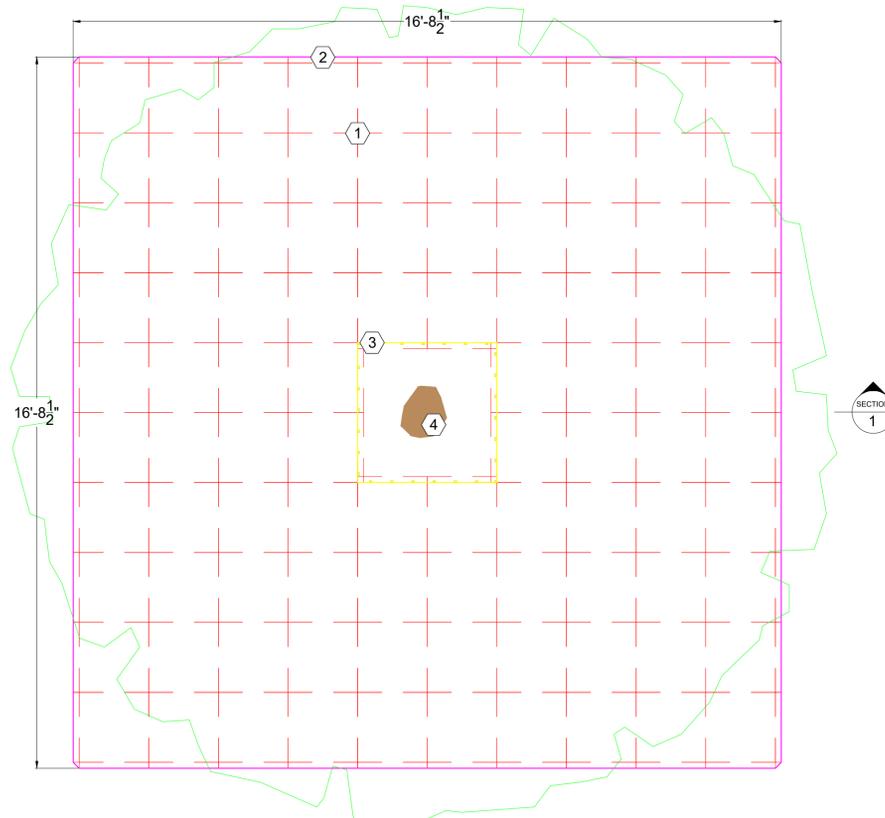
DATE:  
 SEPTEMBER 22, 2022

DRAWN BY:

CHECKED BY:

SHEET NO

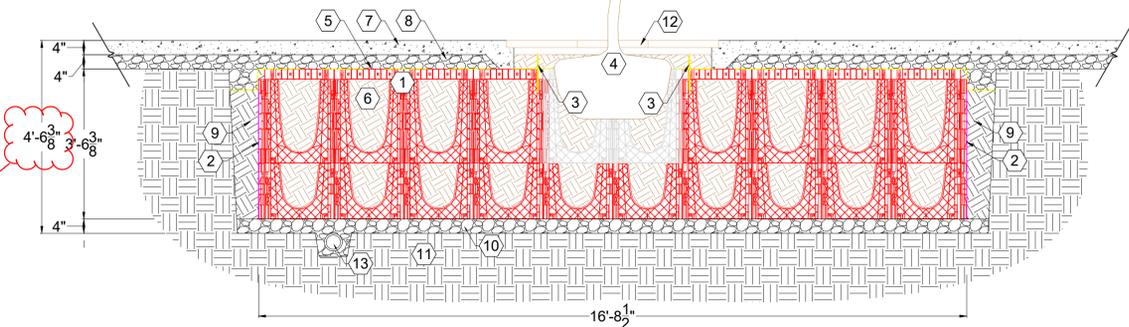
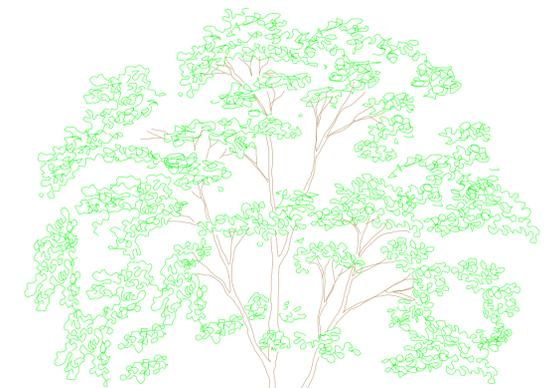
**SC-2**



**COURTYARD TREE PIT LAYOUT**

**ARBORSYSTEM® URBAN TREE PLANTING SYSTEM**

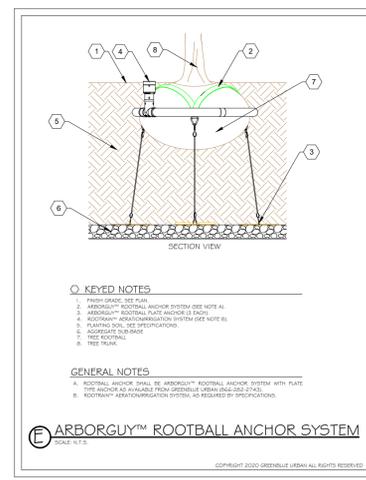
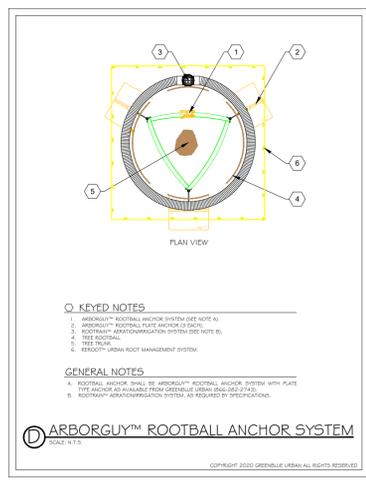
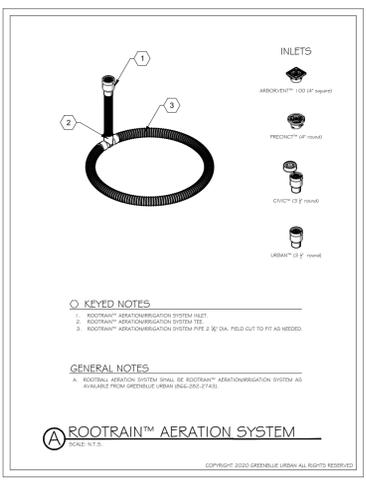
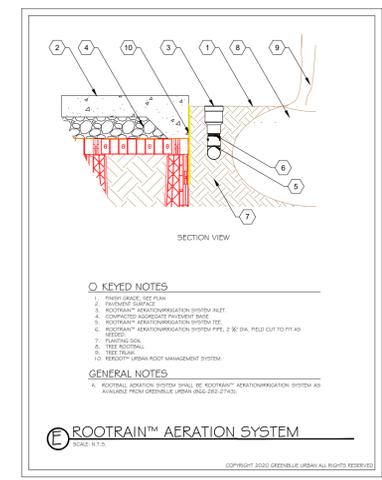
1. RootSpace® 1000 Series Soil Cell System (43" depth)
2. RootStop™ 1000 Root & Moisture Barrier (43" depth)
3. ReRoot™ 300 Ribbed Root Barrier (12" depth)
4. Tree / Rootball
5. CombiGrid® Geocomposite Fabric/Grid
6. Planting Soil
7. Pavement
8. Aggregate Base
9. Compacted Backfill Material
10. Aggregate Sub-base
11. Compacted Native Subgrade
12. Tree Grate
13. Underdrain



PW: Confirm, per 6/L04-03, 5'-0" min. total depth. Concrete slab from construction crane foundation will remain below this system.

**COURTYARD TREE PIT DETAIL**

Kimley-Horn did not review this sheet. This sheet will need to be reviewed by the Landscape Architect.



No.	DATE	REVISION

DATE:  
SEPTEMBER 22, 2022

DRAWN BY:

CHECKED BY:

SHEET NO

**SC-3**