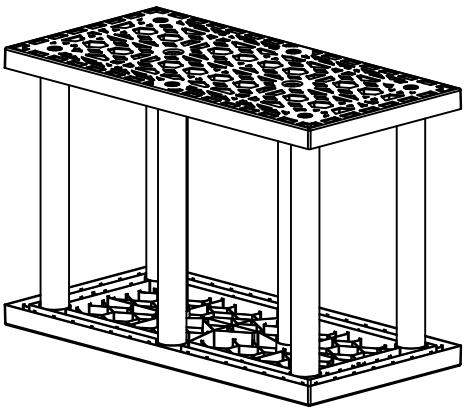
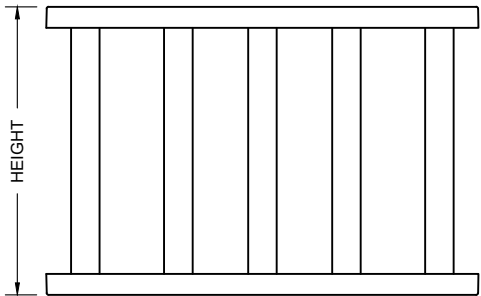


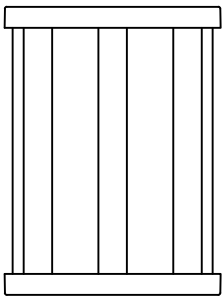
TOP



ISOMETRIC VIEW

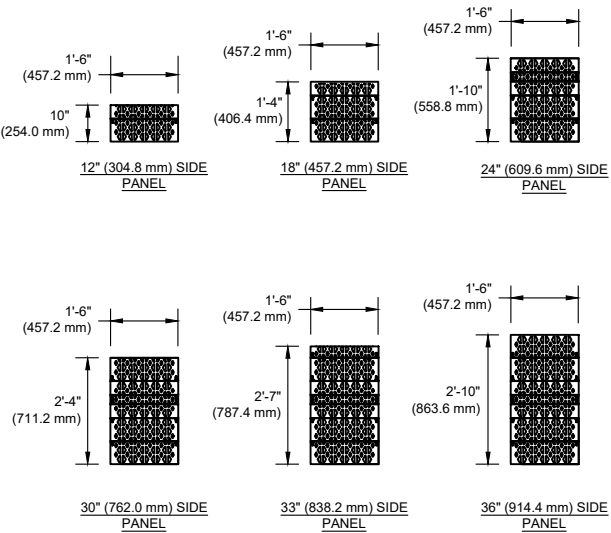


FRONT



SIDE

MODULE DETAIL



NOTES:
1. SIDE PANELS TO BE INSTALLED ALONG SYSTEM PERIMETER, UNLESS OTHERWISE SPECIFIED.

SIDE PANEL DETAIL

STORMTANK® 25 SERIES - URBAN ROOT SYSTEM						
MODEL	HEIGHT (mm)	WATER VOLUME CAPACITY (m³)	NOMINAL VOID	FUNCTIONAL SOIL CAPACITY (m³)	VOID RATIO	NOMINAL WEIGHT (kg)
2512	12" (304.8)	4.216 cf (0.1194)	93.70%	2.76 cf (0.078)	61.33%	17.56 lbs. (7.965)
2518	18" (457.2)	6.436 cf (0.1824)	95.50%	4.89 cf (0.138)	72.44%	22.70 lbs. (10.29)
2524	24" (609.6)	8.656 cf (0.2454)	96.00%	7.02 cf (0.198)	78.00%	26.30 lbs. (11.92)
2530	30" (762.0)	10.876 cf (0.3084)	96.50%	9.15 cf (0.259)	81.33%	29.50 lbs. (13.38)
2533	33" (838.2)	11.986 cf (0.3399)	96.90%	10.21 cf (0.289)	82.50%	29.82 lbs. (13.53)
2536	36" (914.4)	13.096 cf (0.3714)	97.00%	11.28 cf (0.319)	83.55%	33.10 lbs. (15.01)

- NOTES:
- A. REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.
 - B. SIDE PANELS REQUIRED AROUND THE PERIMETER OF THE INSTALLATION ONLY, UNLESS OTHERWISE NOTED.


REV.	DATE	RECORD OF CHANGES	BY	APPRV.
C	03/12/25	REVISION	TJO	TJO
B	02/16/17	REVISION	CGB	JKB
A	11/16/16	INITIAL RELEASE	CGB	JKB

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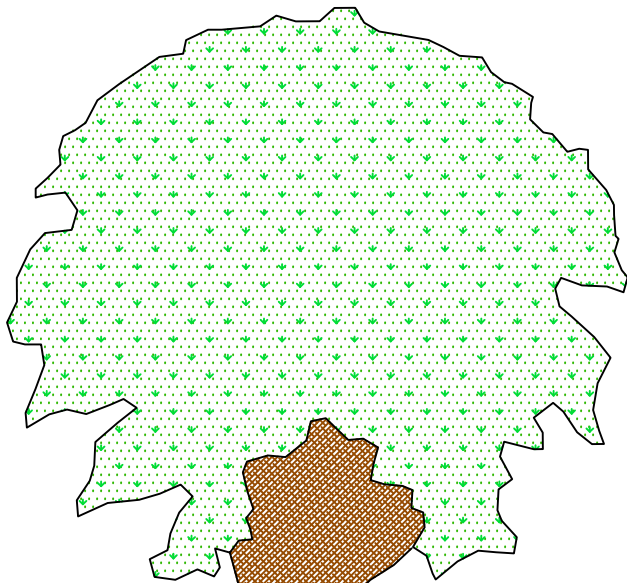


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500 Spring Ridge Drive
Reading, PA 19610
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www.StormTank.com

Project Name
PRODUCT DETAIL

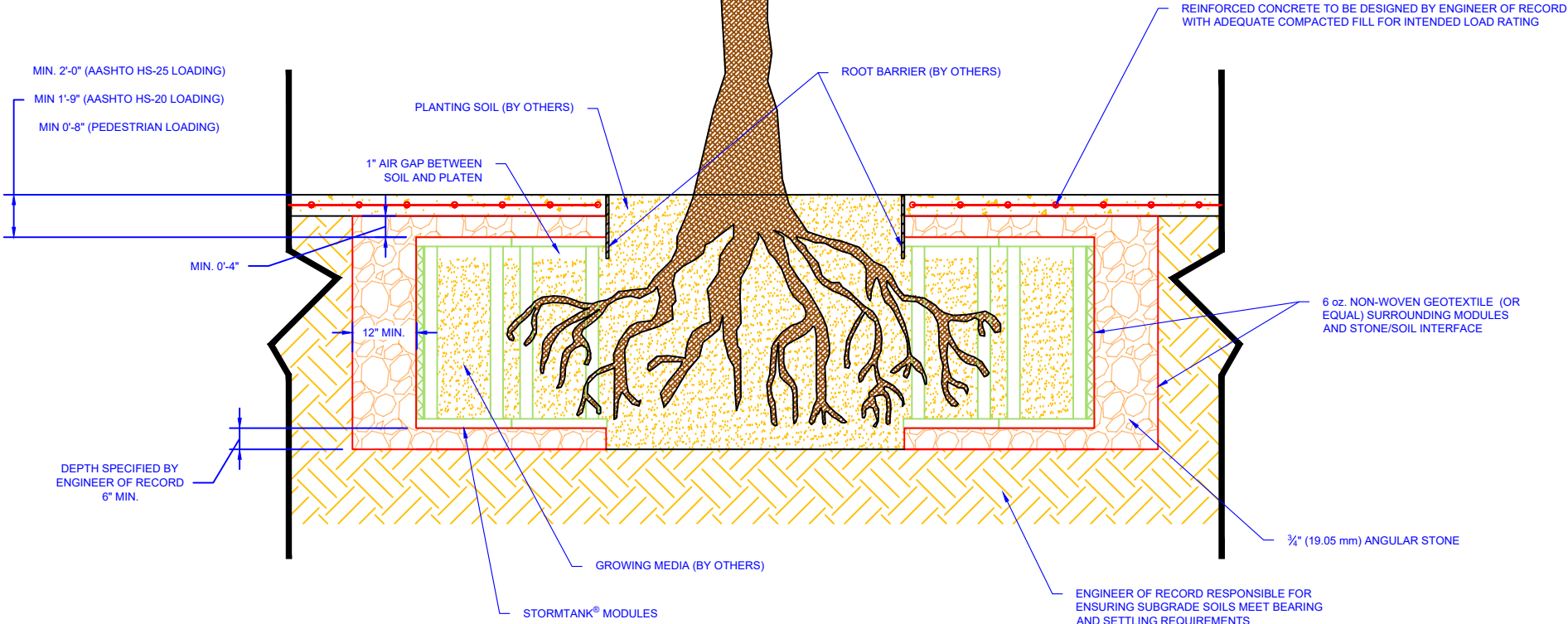
Title

URBAN ROOT SYSTEM

Drawn By C.BRENSINGER	Date 11/16/16
Drawing No. STU-000-00	Sheet 1 of 1
	Scale NTS



LOAD RATING		
COVER (IN.)	MAX WHEEL LOAD WITH AASHTO LRFD STRENGTH LOAD FACTORS (LBS.)	MAX WHEEL LOAD - UNFACTORED SERVICE LOAD (LBS.)
8	6,500	17,779
12	8,000	21,651
18	14,500	38,614
24	20,000	52,395

- NOTES:
- WHEEL LOAD ASSUMES A 10"x20" CONTACT AREA
 - UNFACTORED SERVICE LOAD ARE FOR ENGINEER'S REFERENCE ONLY AND DO NOT INCLUDE ADDITIONAL SAFETY FACTORS USED IN THE AASHTO STRENGTH LOAD CALCULATIONS.




STORMTANK® 25 SERIES - URBAN ROOT SYSTEM						
MODEL	HEIGHT (mm)	WATER VOLUME CAPACITY (m³)	NOMINAL VOID	FUNCTIONAL SOIL CAPACITY (m³)	VOID RATIO	NOMINAL WEIGHT (kg)
2512	12" (304.8)	4.216 cf (0.1194)	93.70%	2.76 cf (0.078)	61.33%	17.56 lbs. (7.965)
2518	18" (457.2)	6.436 cf (0.1824)	95.50%	4.89 cf (0.138)	72.44%	22.70 lbs. (10.29)
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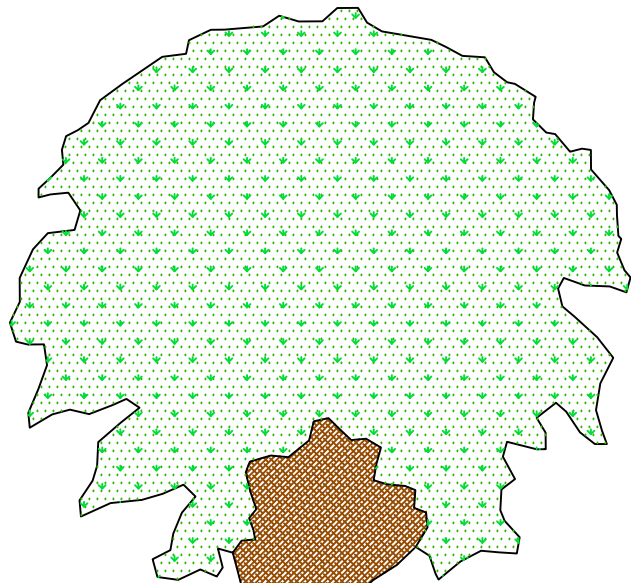
- NOTES:
- A. REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.

REV.	DATE	REVISION	TJO	TJO
E.	03/12/25			
D.	8/1/17	LOAD RATING TABLE & NOTES ADDED	CGB	
C.	6/7/17	CENTURY PRODUCTS ROOT BARRIER ADDED	CGB	
B.	2/16/17	METRIC DIMENSIONS UPDATED	CGB	
A.	11/22/16	INITIAL RELEASE	CGB	JKB
REV.	DATE	RECORD OF CHANGES	BY	APPRV.
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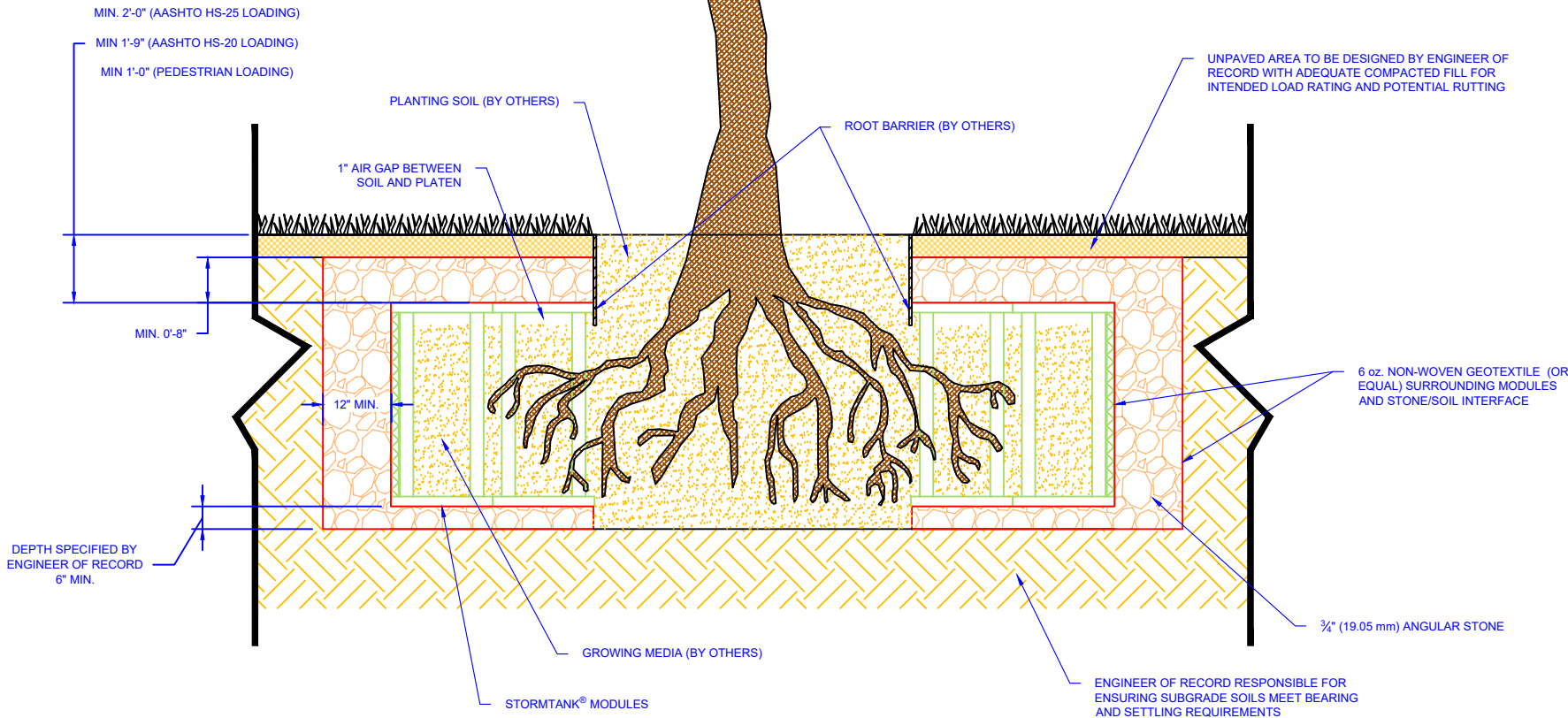
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500 Spring Ridge Drive
Reading, PA 19610
Phone: (610) 374-5109
www.StormTank.com

Project Name HARDSCAPE INSTALLATION	
Title  URBAN ROOT SYSTEM	
Drawn By C.BRENSINGER	Date 11/22/16
Drawing No. STU-001-00	Sheet 2 of 5
	Scale NTS



LOAD RATING		
COVER (IN.)	MAX WHEEL LOAD WITH AASHTO LRFD STRENGTH LOAD FACTORS (LBS.)	MAX WHEEL LOAD - UNFACTORED SERVICE LOAD (LBS.)
8	6,500	17,779
12	8,000	21,651
18	14,500	38,614
24	20,000	52,395

- NOTES:
- WHEEL LOAD ASSUMES A 10"x20" CONTACT AREA
 - UNFACTORED SERVICE LOAD ARE FOR ENGINEER'S REFERENCE ONLY AND DO NOT INCLUDE ADDITIONAL SAFETY FACTORS USED IN THE AASHTO STRENGTH LOAD CALCULATIONS.




STORMTANK® 25 SERIES - URBAN ROOT SYSTEM						
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- NOTES:
- A. REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.

REV.	DATE	REVISION	BY	APPRV.
E.	03/12/25	REVISION	TJO	TJO
D.	8/1/17	LOAD RATING TABLE & NOTES ADDED	CGB	
C.	6/7/17	CENTURY PRODUCTS ROOT BARRIER ADDED	CGB	
B.	2/16/17	METRIC DIMENSIONS UPDATED	CGB	
A.	11/22/16	INITIAL RELEASE	CGB	JKB
REV.	DATE	RECORD OF CHANGES	BY	APPRV.
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Project Name UNPAVED INSTALLATION	
Title  URBAN ROOT SYSTEM	
Drawn By C.BRENSINGER	Date 11/22/16
Drawing No. STU-001-00	Sheet 1 of 5
	Scale NTS