



INSTALLATION/ EXCAVATION

- ADD 200 mm [8"] TO OUTER PLAN DIMENSIONS WHEN EXCAVATING PIT OR SUFFICIENT TO ALLOW A NARROW FOOT COMPACTOR, WHICHEVER GREATER.
- EXCAVATION ANGLE OF REPOSE/ SHORE/ BENCH/ BATTER TYPE TO MEET LOCAL MUNICIPAL STANDARDS.
- ALWAYS CHECK PIT DIMENSIONS AT BASE OF PIT, ENSURING SIDES ARE CLEAN AND SQUARE.
- SURFACE PROFILE VARIES BY PROJECT. DIMENSION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. CITYGREEN REQUIRED MINIMUM SURFACE COVER OF 225 mm [9"] UNDER PEDESTRIAN SURFACES OR 350 mm [14"] UNDER VEHICLE PARKING.
- RECOMMENDED TO INSTALL ALL CELLS INCLUDING PROPOSED TREE OPENING TO INCREASE STABILITY DURING CONSTRUCTION AND REMOVE THE POTENTIAL ISSUE TO A SHIFT IN PLANTING LOCATION.

TREE PLANTING IN 1500 mm [5'] INVISIGRATE W/ PLATIPUS TREE ANCHORS AS PER LANDSCAPE PLANS ON COMPACTED SOIL ROOTBALL SUPPORT.

TRAFFICABLE CAP

REROOT 300 ROOT BARRIER TO PERIMETER OF TREE OPENING.

PAVEMENT LAYERS & GRANULAR COMPACTED AS PER LANDSCAPE DRAWINGS.

FILTERGRID HEAVY GRADE NON-WOVEN FILTER FABRIC WITH REINFORCED GRID TO LINE TOP & OUTER EDGE OF TREE TRENCH TO BOTTOM OF MATRIX.

150 mm [6"] Ø PERFORATED DISTRIBUTION PIPE WITHIN CELL W/ SOLID PIPE CONNECTED TO NEAREST STORM STRUCTURE.

STRATAVAULT GENERATION 6 STRUCTURAL SOIL MODULES LOADED WITH PLANTING SOIL AS PER LANDSCAPE SPECIFICATIONS.

STRUCTURAL BACKFILL COLLAR. FILL WITH GRANULAR MATERIAL, COMPACTING THE FINAL SURFACE TO MIN. 95% SPD OR TO MEET ENGINEERING REQUIREMENTS, WHICH EVER IS GREATER. AREAS BENEATH OR ADJACENT TO TRAFFICABLE ROAD PAVEMENT TO BE FILLED WITH 5% CEMENT STABILIZED FILL AT OPTIMAL MOISTURE CONTENT

ROOTSTOP RSB1200 ROOT BARRIER TO PERIMETER OF CELL.

NON-WOVEN GEOTEXTILE FILTER FABRIC (BY OTHERS) BETWEEN SOIL CELLS & DRAINAGE LAYER.

150 mm [6"] DEPTH WASHED ANGULAR ROCK DRAINAGE LAYER COMPACTED TO MIN. 95% SPD OR TO MEET ENGINEERING REQUIREMENTS, WHICH EVER IS GREATER.

UNDISTURBED NATIVE SUBGRADE COMPACTED TO MIN. 95% SPD OR TO MEET ENGINEERING REQUIREMENTS, WHICH EVER IS GREATER, SURROUNDING TREE PIT.

150 mm [6"] Ø PERFORATED DRAINAGE PIPE WITHIN CELL PERIMETER CONNECTED TO NEAREST STORM STRUCTURE.

- REFER TO CITYGREEN WEBSITE FOR SPECIFICATIONS, ACCREDITATION, COMPLIANCE, & WARRANTY INFORMATION.
- REFER TO CITYGREEN DETAILS SHEETS FOR FURTHER INFORMATION ON PRODUCTS AND SPECIFICATIONS.



transforming grey spaces into green

Citygreen Australia
Phone: (+61) 1300 066-949
10 Herb Elliott Avenue,
Sydney Olympic Park, NSW
2127

Citygreen North America
Phone: (+1) 888 999-3990
999 West Broadway Suite 720,
Vancouver, BC V6Z 1K3
5450 West 83rd Street,
Los Angeles, CA 90045
Email: info@citygreen.com

NOTES & DISCLAIMERS:

1. Installation to be completed in accordance with manufacturer's specifications.
2. Do not scale drawings.
3. These drawings serve to illustrate specified products exclusively, and how they interface with other built elements within immediate surrounding areas.
4. These drawings are to be read in conjunction with project specifications and consultant drawing packages.
5. Citygreen drawings work off of information created and provided by the principal design lead (engineering or landscape architecture role). Whilst Citygreen makes every effort to maintain accuracy of provided documents and specifications, Citygreen bears no responsibility for design elements beyond defined scope, knowledge of unforeseen site conditions.
6. Final details should be approved by the project design lead, and any deviations necessitate approval from both parties to ensure compliance and fully federated drawings across all levels.
7. Submittal drawings and one (1) set of revisions are provided by Citygreen. Costs for additional revisions are the responsibility of others.

No	Date	Issue Details	Initial
D	2024.08.30	2024 DETAIL UPDATES	KA
C	2023.12.01	2023 DETAIL UPDATES	TB
B	2022.08.20	ISSUED FOR USE	TB
A	2022.08.01	ISSUED FOR PRELIMINARY REVIEW	TB

Drawn: T.B.	Checked: C.G.
Approved: B.G.	Date: 2021.08.09
Scale 1:20 AS SHOWN	

Client:
CITYGREEN URBAN LANDSCAPE SOLUTIONS

Job Name:
**CITYGREEN STRATAVAULT GENERATION 6
STANDARD DETAILS**
Drawing Title:
TREE PLANTING W/ 1500 mm INVISIGRATES
1225 mm DEPTH SOIL CELLS W/ IRRIGATION & ROOTBARRIER

Consultant Drawings:

Job No: SV_IG15	Drawing No: 1225D_DR
Reference No:	
Sheet No. 1 of 1	Issue # D