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.

Callouts (top to bottom):

- TREE PLANTING IN FLUSH CURB W/ PLATIPUS TREE ANCHORS AS PER LANDSCAPE PLANS ON COMPACTED SOIL ROOTBALL SUPPORT.
- SNORKIL RONDO 1 SINGLE INLET IRRIGATION/ AERATION PIPING. INLET SET LEVEL WITH THE SURFACE OF SURROUNDING MULCH.
- 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.
- SNORKIL PLAZA 2 DUAL INLET IRRIGATION/ AERATION PIPING. INLETS SET LEVEL WITH THE SURROUNDING SURFACE.
- STRATAVAULT GENERATION 6 STRUCTURAL SOIL MODULES & 400 mm [1'-4"] RAISED FOOTPLATES 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 RSB0800 ROOT BARRIER TO PERIMETER OF CELL.
- 100 mm [4"] Ø PERFORATED DRAINAGE PIPE WITHIN CELL PERIMETER CONNECTED TO NEAREST STORM STRUCTURE.
- NON-WOVEN GEOTEXTILE FILTER FABRIC (BY OTHERS) BETWEEN SOIL CELLS & DRAINAGE LAYER.
- 100 mm [4"] 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.

Dimensions:
- (WIDTH VARIES BY PROJECT) 2850 mm [9'-4"]
- 250 mm [0'-10"]
- 804 mm [2'-7 1/2"]

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

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 IN FLUSH CURB
800 mm DEPTH SOIL CELLS W/ IRRIGATION & ROOTBARRIER

Consultant Drawings:

Job No: SV_FC
Reference No:
Drawing No: 800D_IR
Sheet No. 1 of 1
Issue # D