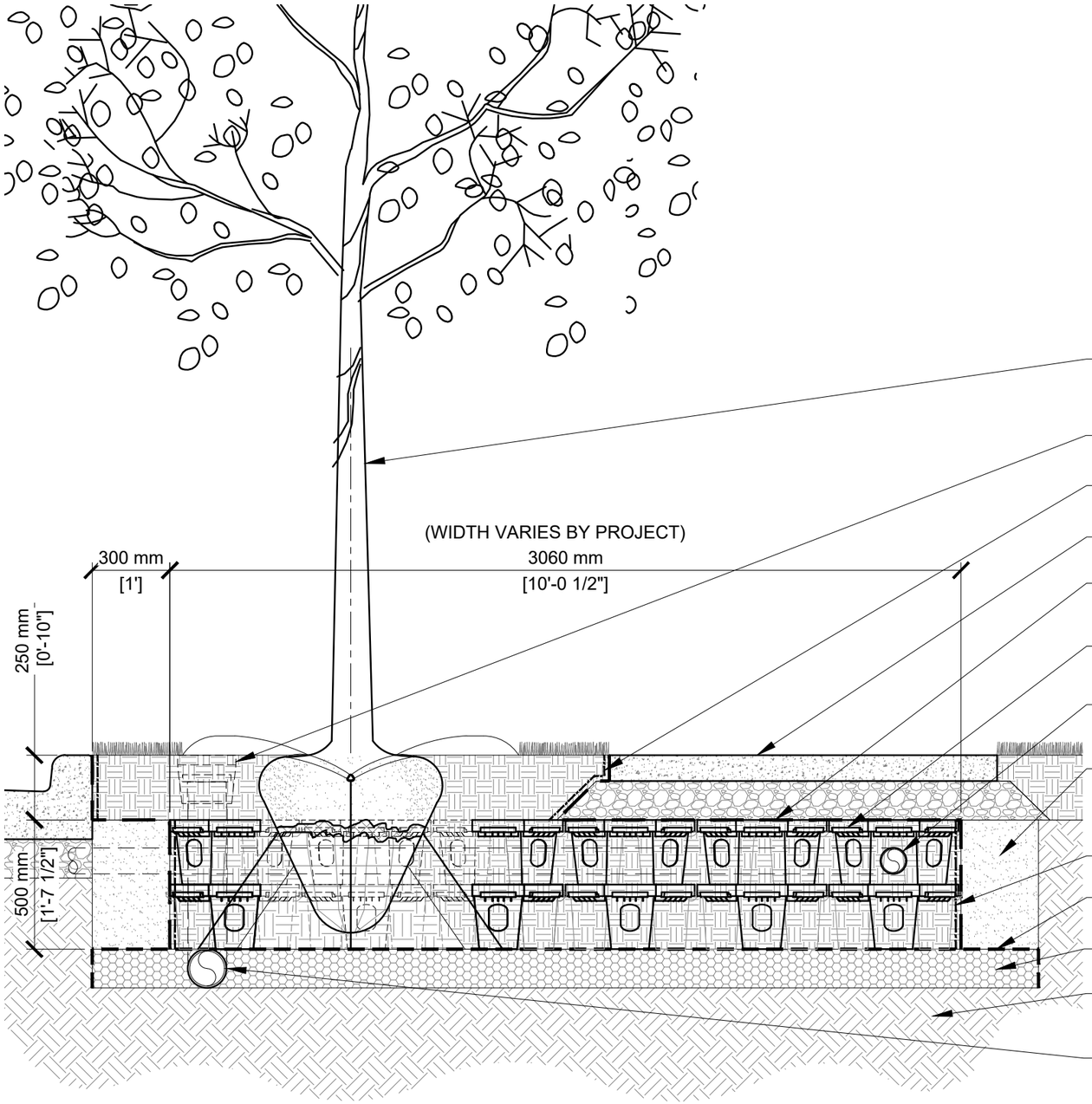
INSTALLATION/ EXCAVATION

- 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 TURF & 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.

STRATACELL GENERATION 5 STRUCTURAL SOIL MODULES (30 SERIES) LOADED WITH PLANTING SOIL AS PER LANDSCAPE SPECIFICATIONS.

100 mm [4"] Ø PERFORATED PVC DISTRIBUTION PIPE WITHIN CELL W/ SOLID PIPE CONNECTED TO NEAREST STORM STRUCTURE.

STRUCTURAL BACKFILL COLLAR. FILL WITH GRANULAR MATERIAL, COMPACTING THE FINAL SURFACE TO 95%. AREAS BENEATH OR ADJACENT TO TRAFFICABLE ROAD PAVEMENT TO BE FILLED WITH 5% CEMENT STABILIZED FILL AT OPTIMAL MOISTURE CONTENT

ROOTSTOP RSB0400 ROOT BARRIER TO PERIMETER OF CELL.

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

150 mm [6"] DEPTH WASHED ROCK DRAINAGE COMPACTED TO MEETING ENGINEERING REQUIREMENTS.

UNDISTURBED NATIVE SUBGRADE COMPACTED TO MEET ENGINEERING REQUIREMENTS SURROUNDING TREE PIT.

150 mm [6"] Ø PERFORATED PVC 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.

Consultant Drawings:


citygreen™ URBAN LANDSCAPE SOLUTIONS
transforming grey spaces into green

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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.

| No. | Date | Issue Details | Initial |
|---|---|---|---|
| D | 2024.10.25 | 2024 DETAIL UPDATES | TB |
| C | 2023.12.15 | 2023 DETAIL UPDATES | TB |
| B | 2022.08.30 | ISSUED FOR USE | TB |
| A | 2022.08.15 | ISSUED FOR PRELIMINARY REVIEW | TB |

Drawn: A.R. | Checked: T.B.
Approved: B.G. | Date: 2021.08.09
Scale 1:20 AS SHOWN

Client:
CITYGREEN URBAN LANDSCAPE SOLUTIONS

Job Name:
CITYGREEN STRATAVAULT GENERATION 6
30 SERIES STANDARD DETAILS
Drawing Title:
TREE PLANTING IN TURF
500 mm DEPTH SOIL CELLS W/ IRRIGATION & ROOTBARRIER

Job No: SC_TU
Drawing No: 500D_DR
Reference No:
Sheet No. 1 of 1
Issue # D