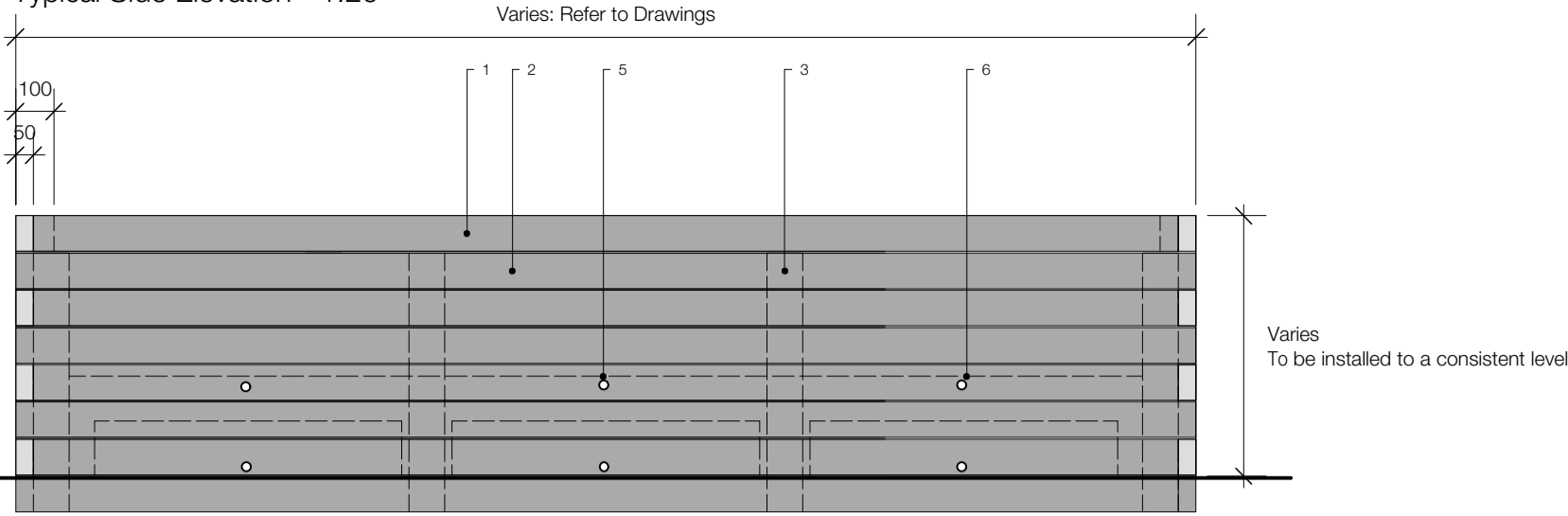
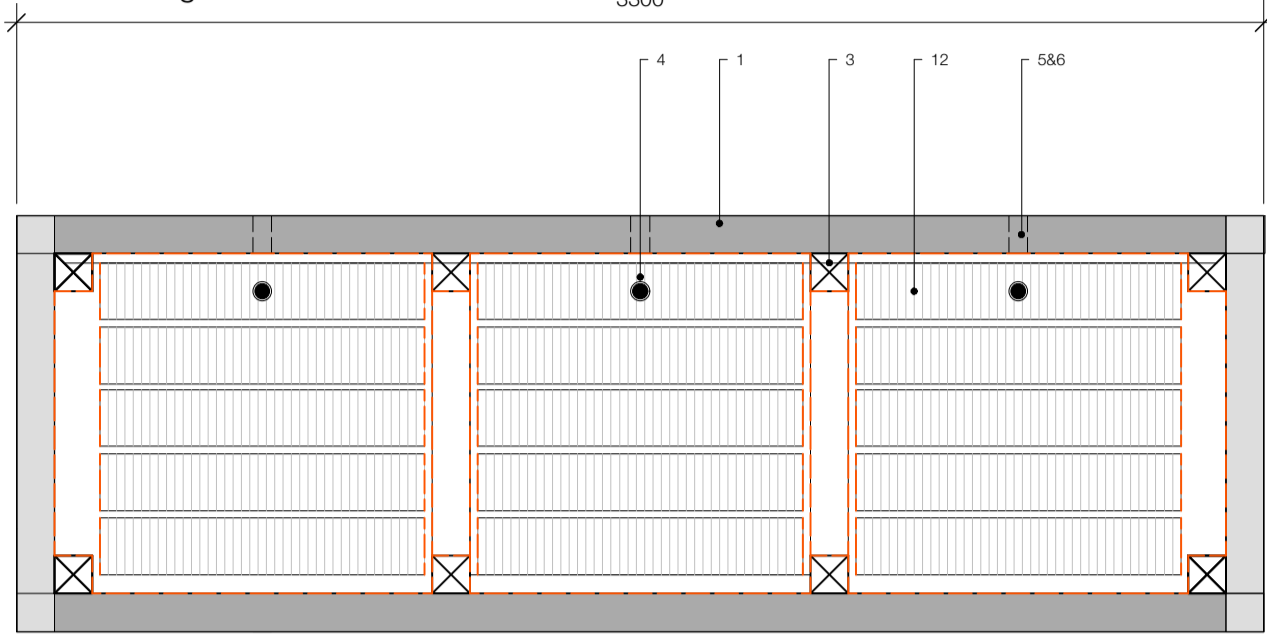


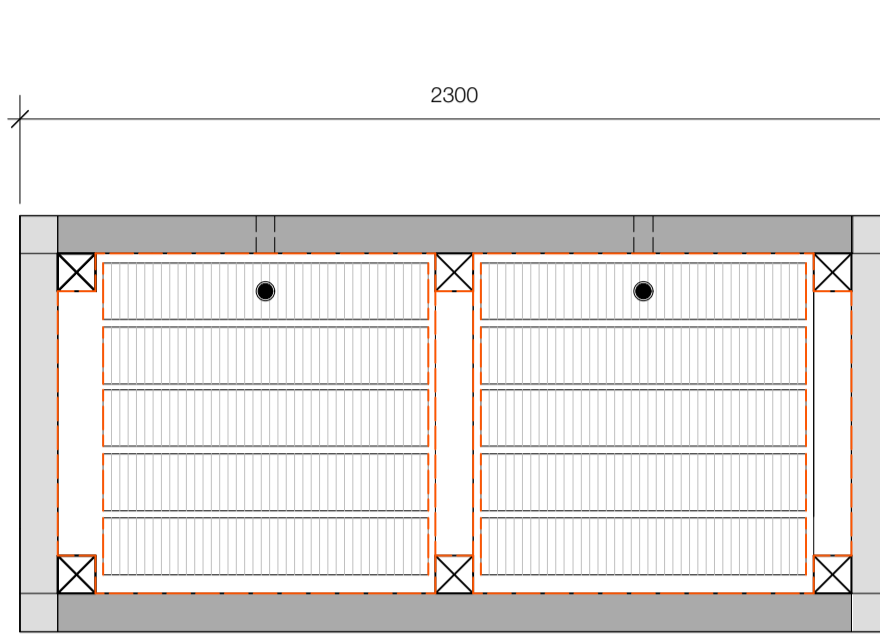
Typical Side Elevation - 1:20



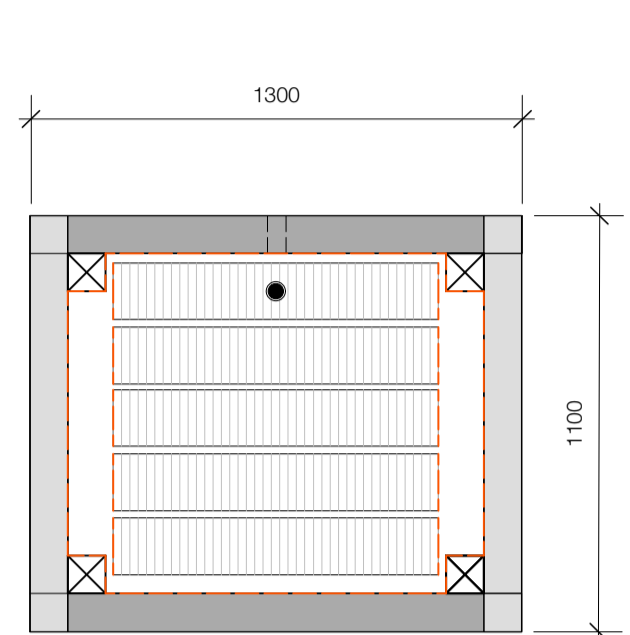
Unit A - Long Bed Plan - 1:20



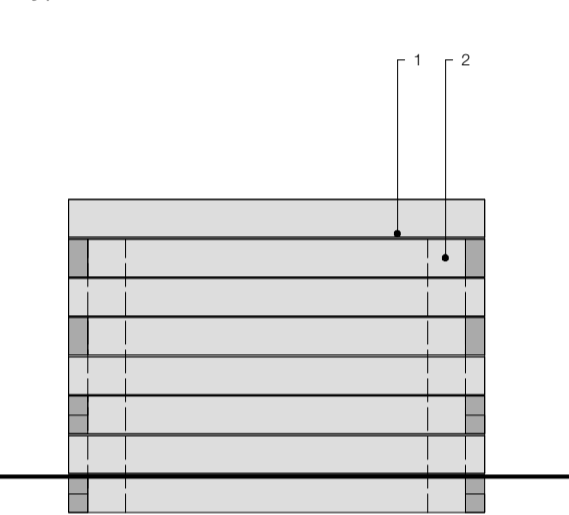
Unit B - Medium Bed - 1:20



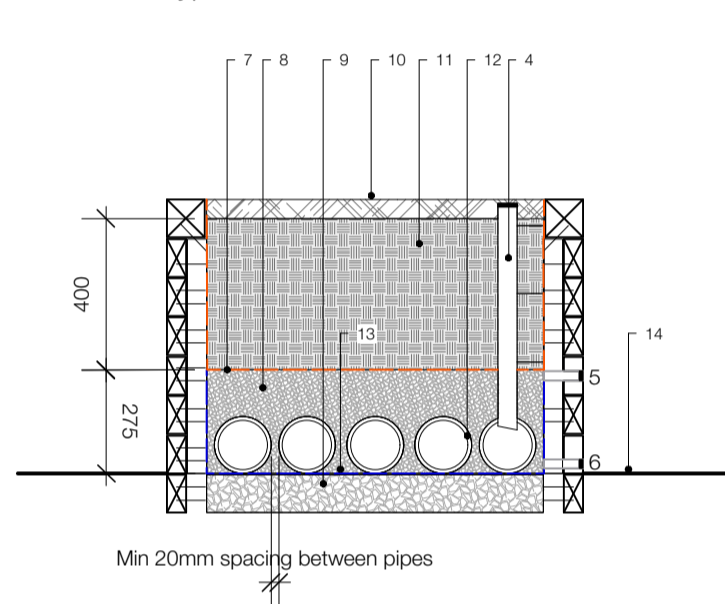
Unit B - Medium Bed - 1:20



Typical End Elevation - 1:20



Typical Section - 1:20



Growing Bed Photo Example



KEY:

1. Top 100mm x 100mm edging piece
2. 50mm x 100mm Cladding: Straight untreated Scottish heartwood larch or green oak cladding (TBC), machine finished, free of knots and twists fixed from rear with 2nr. main posts 150mm long s/s zinc-plated wood screws, secondary posts -100mm long x 3.75mm. 4mm consistent spacing between all cladding boards. Surface finish to be charred and/or stained with Osmo ebony woodstain/ protector (as per manufacturers written instruction)
3. 50mm x 100mm Scottish heartwood larch or green oak (TBC) posts, sawn finished.
4. HDPE pipe connection to surface with removable cap connection point filling water storage compartment of growing bed. Bottom of pipe to be cut at an angle to aid the flow of water. Supporting structure attached to internal side of planter to keep pipe in place. To be securely fitted to perforated pipe. Lockable cap to be provided. Colour: Black.
5. HDPE overflow pipe connection. To be opened during filling of bed. Lockable/removable cap sitting flush within the bed. Holes drilled into cap to allow for bed to breathe. Colour: Black.
6. HDPE drain connection. To be used for periodically emptying the growing bed of water. Lockable cap to be provided. Seal to be water tight. Colour: Black.
7. Terram 1000 geotextile
8. Permeable clean drainage aggregate. 20mm diameter.
9. 150mm Clean broken stone to base of bed
10. 50-100mm depth medium grade organic botanical residue mulch.
11. Imported top soil to BS 3882 : 2015. Additional 100mm PAS 100 compost worked through top 300mm of bed.
12. 150mm depth perforated pipe with 10mm diameter holes drilled in to allow for flow of water to base of bed. End of pipes to be sealed with geotextile liner.
13. Impermeable waterproof EDPM liner. Fixed to growing bed and installed in line with manufacturers written instruction.
14. Adjacent surface: Unknown.

NOTES:

- Timber Specification:**
- All Timber to be supplied locally, and to be: Untreated Scottish Heartwood Larch or locally sourced Green Oak (TBC) to be machine finished to all faces to BS1186-3, part 4 class CSH & 1
 - The quality of the timber that is to be used for the piece(s) should be provided for approval to the client/fabricator prior to fabrication and/or a sample should be provided.
 - Avoid sharp edges to timber. all exposed timber edges to have a 5mm chamfer and be smooth.
 - Machine finished to all faces to BS1186-3, part 4 class CSH & 1
 - Timber to be solid and free from rot and decay.
 - Timber to be sustainably sourced, FSC certified and of local provenience.
 - All timber faces to be sap free.
 - Heartwood to run through centre of the piece to ensure maximum stability of the timber.
- Charred Timber:**
- Timber to be charred, scrubbed and appropriate stain/paint finish applied. Detail to be agreed/tested by the client/fabricator prior to works commencing.
 - Sample(s) to provided for inspection by the client/fabricator prior to fabrication of the benches.
 - The contractor is to ensure there is no leaching of stains from the charred timber / no marking comes off the bench
- Fixings:**
- All fixings, unless otherwise stated, are to be grade 316 stainless steel and tamper proof (external fixings).
- Quantity:**
- Number/type of units to be confirmed by the client.

Health & Safety Considerations:

The contractor is to provide the following RAMS to the client prior to works commencing for review/approval:

- Fabrication of the units
- Moving/placing the units
- Delivering the units to site
- Installation of the units
- Working in close proximity to the public

Workmanship Notes:

- Fabrication drawings are to be provided to the client for sign off prior to commencing with construction of the planters and associated fixtures.
- Quality of workmanship is to be established by construction of one planter for inspection/approval by the client prior to carrying out the remaining planters.
- Ensure rigid on completion: to be erected accurately, secure and plum.
- Do not scale from this drawing.

- Any discrepancies contained in this drawing are to be raised to the client for clarification prior to commencing fabrication drawings.

- All units to be fabricated off-site and brought to site for installation only.

Testing Notes:

- All Planters to be filled with water to test they are 100% water tight prior to be installed on site/soil being filled.
- Prior to fabrication of all units, 1 no. planter is to be fabricated, filled with specified material and then filled with water through inlet pipe to full level. Bed to be left for 1 week minimum to check upward movement of water. Confirmation to proceed with remaining units to be confirmed by the client.

GENERAL NOTES:

- THIS DRAWING IS DEVELOPED TO A CONCEPT LEVEL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION

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All dimensions are to be verified on site. Do not scale from this drawing. The contractor is to bring to the attention of the Landscape Architect any discrepancies contained in this drawing prior to work commencing.

First issued: 13.05.2020

Project Title:
Inverkeithing Town Centre

Client:
Fife Council

Drawing Title:
Planter

Notes:
CONCEPT DESIGN

Scale:
Varies @ A2

Drawing Number:
erz 19 08 DR01

Revision Number:
Date:
13.05.2020