



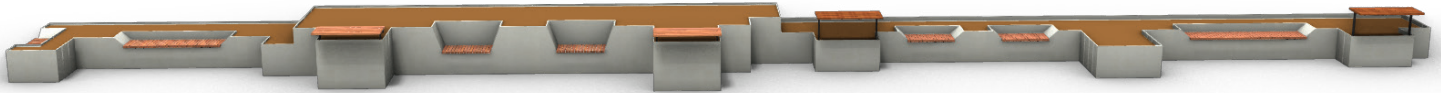
INSTALLATION & ASSEMBLY

WHATS INCLUDED

- BOLTS
- WALL SECTIONS
- LIFTING HOOKS

INSTALLATION EQUIPMENT

- LEVEL
- 9/16" SOCKET & OPEN END WRENCH
- TAPE MEASURE
- DRILL
- CONCRETE DRILL BIT FOR 3/8" DIA. ANCHOR
- NON SHRINK GROUT



GENERAL NOTES

- The Levus+ is a modular wall system and will be shipped to the site as individual wall components that need assembly.
- Panels are designed for efficient transport, allowing multiple units to fit on a pallet and be moved via service elevators for rooftop installations.
- The Levus+ must be mounted to an engineered base. QCP is not responsible for the footing design or installation. See QCP's recommended details in the Detail section.
- After installation, the Levus+ must be waterproofed by the project's waterproofing consultant. A liquid membrane should be applied on-site, covering all interior seams and base connections.
- The Levus+ does not ship with pre-applied waterproofing, as any factory-installed application would interfere with the required on-site waterproofing.
- The Levus+ system creates a modular planter box using multiple concrete units. We ensure consistent color and texture across all panels; however, some natural variation is inherent in the manufacturing process. Refer to our color guide for more information.

PRE-INSTALLATION COORDINATION

- Design & Layout Coordination
 - Document and finalize the design layout with QCP and the contractors.
 - Review site conditions, ensuring the design aligns with grade requirements.
- Structural & Engineering Consultation
 - Coordinate with a structural engineer to confirm footing dimensions, mix design, and reinforcement needs.
 - Ensure proper coordination for waterproofing and drainage with relevant consultants.

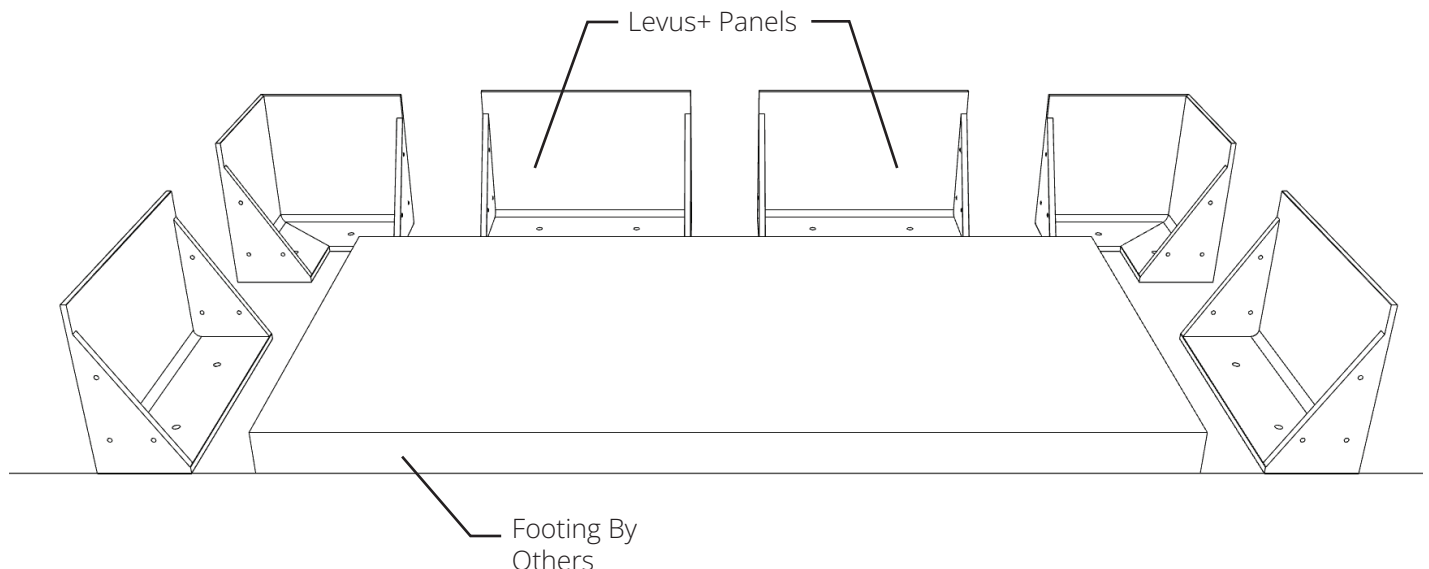
Installation Steps for Levus+

1. Site Preparation

- Grade Requirements
 - Ensure the installation is on a level surface or a consistent slope.
 - If the slope exceeds 3%, then consider a tiered system.
 - Avoid installation on ridge-lines, valleys, or cross slopes.
- Footing Considerations
 - Footing design needs to follow all engineering recommendations.
 - For on-grade installations, ensure footing design is informed by soil reports and engineering guidance.
 - For podium installations, consider the structural implications of combined planter and footing weight. If using foam blocks, obtain additional engineering verification.

3. Unit Placement

- Product Shipment:
 - Be sure to unwrap and remove all packaging material from the concrete as soon as it arrives on site and check all components for shipping damage when they arrive on site. Follow instructions on shipping forms.
 - Compare the unit quantity with your order amount.
 - The levus+ units can be left unwrapped and on their pallets while in storage, prior to installation.
 - Be sure to protect the products before applying additional rigging during on site transport.
- Setting Products
 - Position all Levus+ units next to your level footing ensuring each panel is in the correct location.
 - Refer to the lifting and handling guide for more information on moving the products.

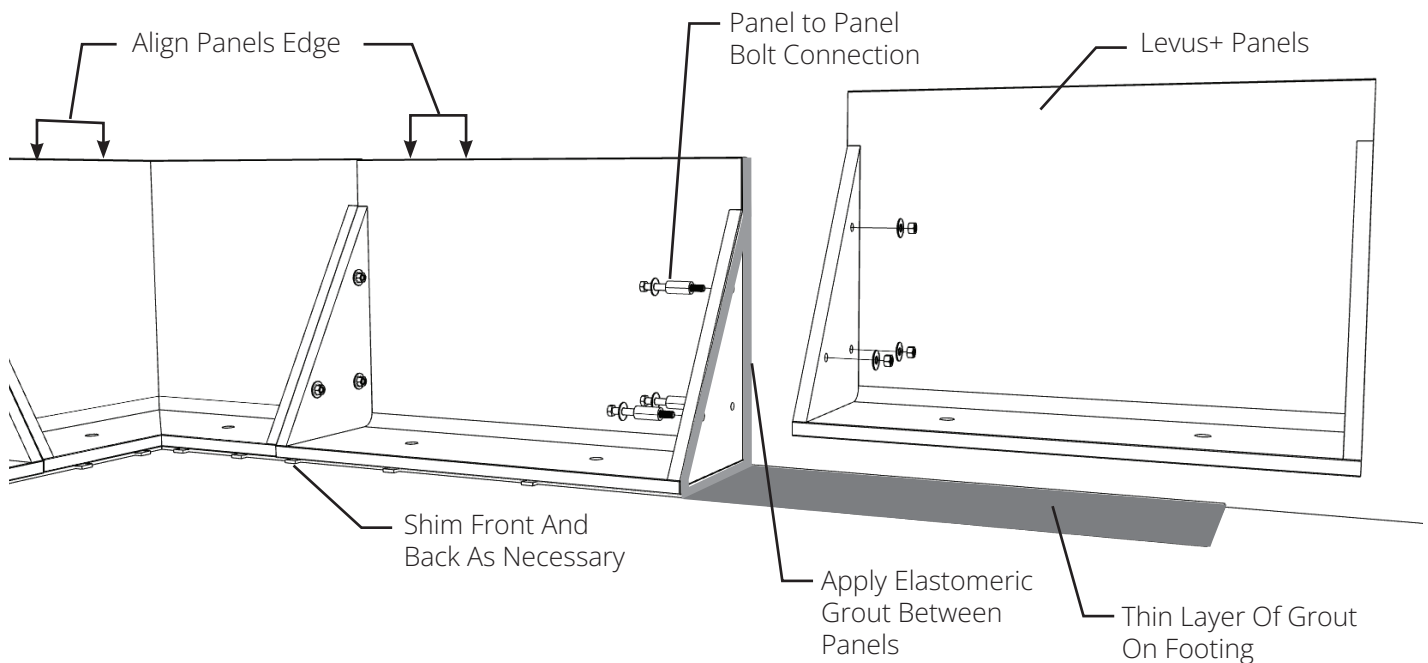




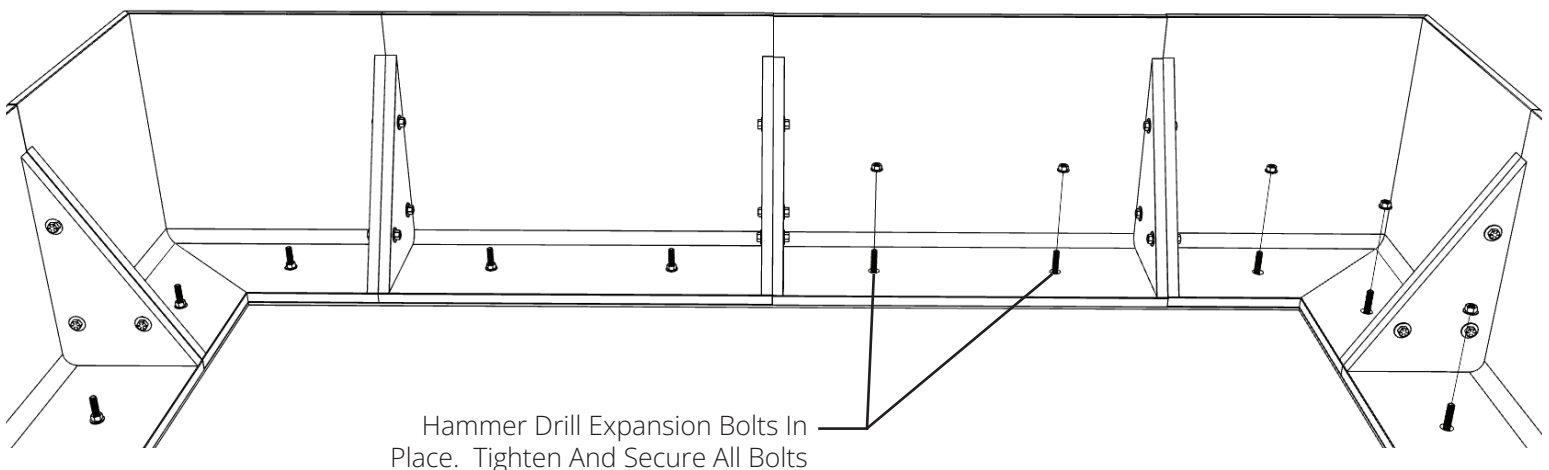
LEVUS+ MODULAR WALL SYSTEM

INSTALLATION & ASSEMBLY

- Leveling, Alignment & Fastening
 - Apply a thin layer of grout along the footing.
 - Position Levus+ units one by one applying a thin layer of elastomeric grout in between each panel along the perimeter.
 - Insert the bolts between the panels and hand tighten
 - Use shims to level panels as necessary.



- Adjust each unit to ensure alignment before securing.
- Tighten bolts sequentially, securing one panel at a time while checking the panel's alignment.

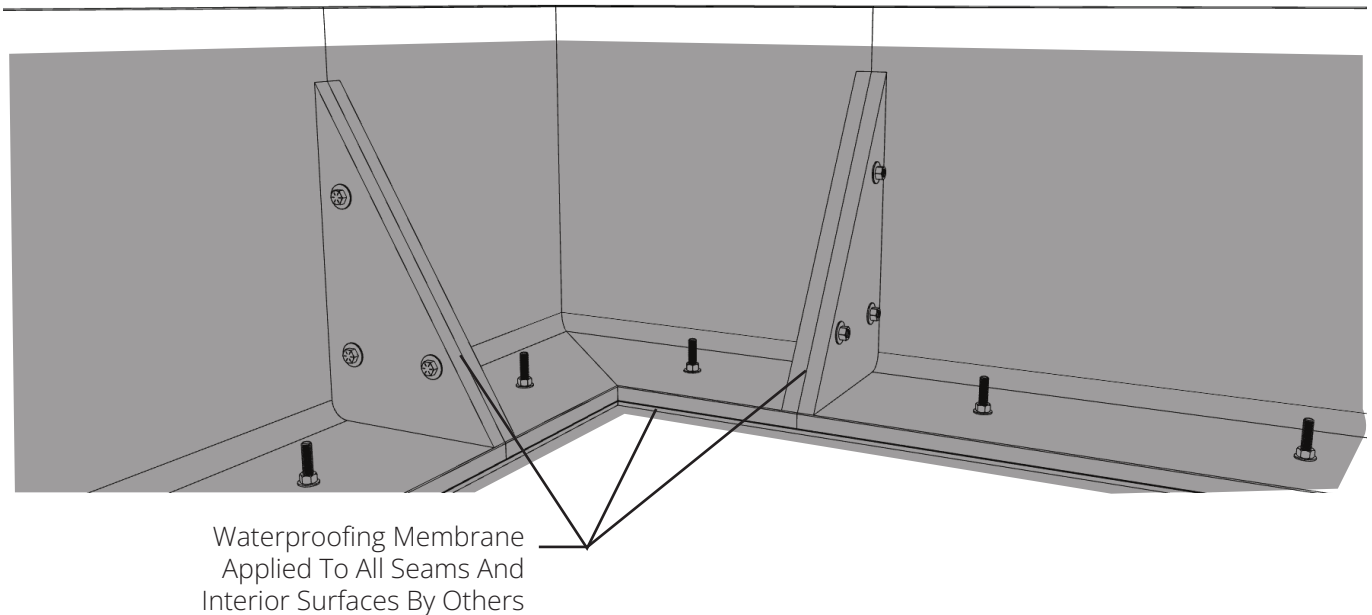


INSTALLATION & ASSEMBLY

4. Waterproofing & Drainage

See Details For Recommendations

- Waterproofing Application
 - Engage the project's waterproofing consultant to apply a liquid membrane.
 - Ensure waterproofing covers all interior seams and base connections.
 - Note that Levus+ does not come with pre-applied waterproofing to avoid interference with on-site applications.



- Drain Planning
 - Confirm that all drain's are managed within the interior planter wall system.
 - Collaborate with the civil engineer if special accommodations are necessary.

5. Final Checks & Quality Assurance

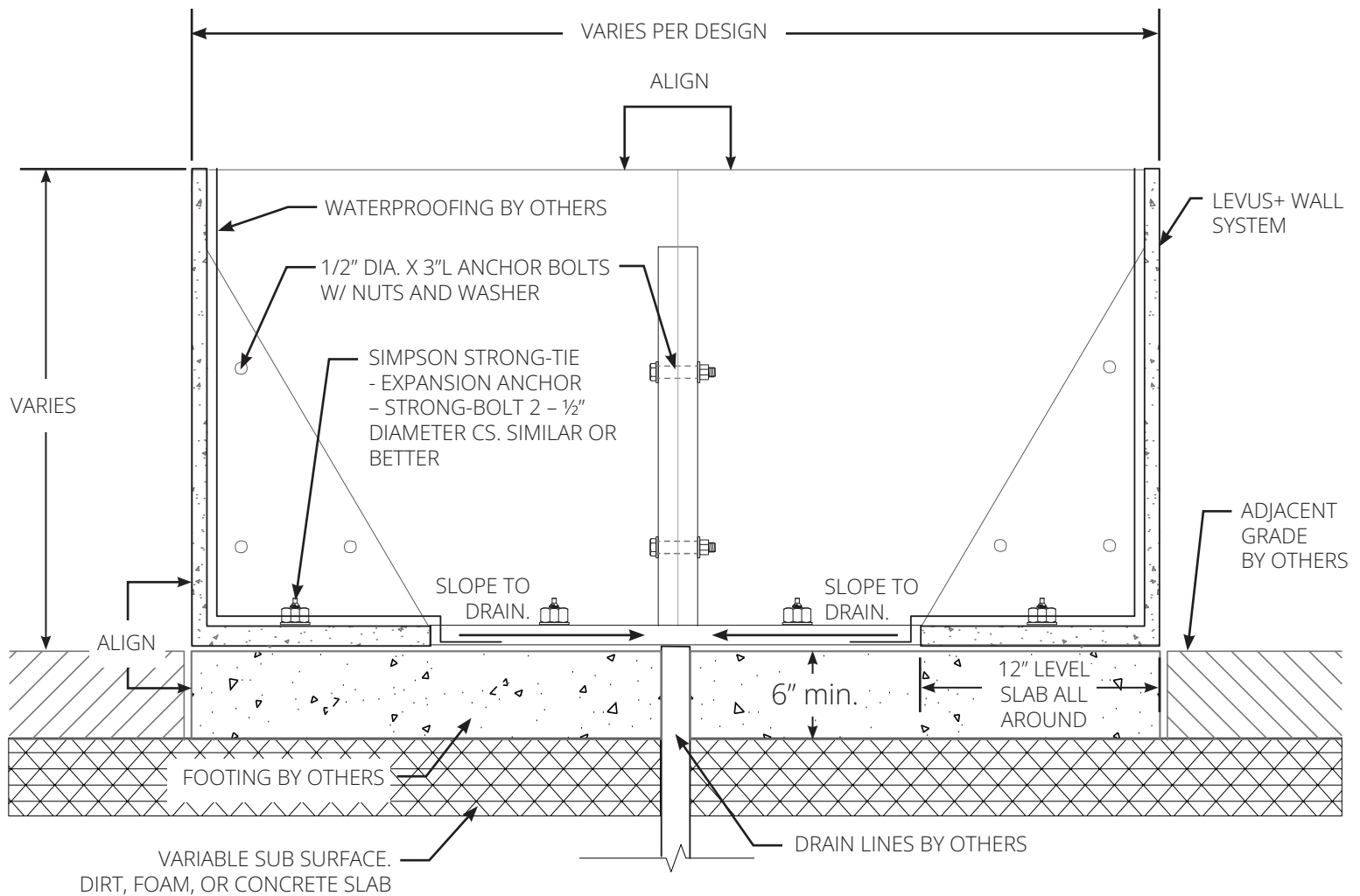
- Color & Texture Consistency
 - Natural variations are inherent in the manufacturing process.
 - Refer to our color guide and APA standards for acceptable color variations.
- Structural Stability & Final Adjustments
 - Recheck bolt security and panel alignment.
 - Confirm proper installation of waterproofing and drain measures before completing the project.



FOOTINGS AND DETAILS

Recommended Footing And Setting Details

- The footings details shown are recommendations only and should be reviewed by an Engineer
- Stamped calculations are available upon request with soils or structural reports and coordination through your sales rep.
- In the details below all elements other than the Levus+ panels are by others



LEVUS+ SECTION DETAIL & SUGGESTED SLAB FOOTING
APPLICABLE ON COMPACTED SOIL, CONCRETE PODIUM, OR FOAM BLOCK
FOOTING NEEDS TO BE ENGINEERED.

DRAIN LOCATIONS AND WATERPROOFING BY OTHERS