Receiving and Inspection

Inspect shipping crates/cartons closely. If shipping crates/cartons are damaged, contents may also be damaged. Note any visible damage on the trucker's receipt. Contact the **freight company** within 24 hours for a representative to inspect the damage.

Storage

Store crates and/or cartons in a safe location away from construction traffic. Cover containers with a tarp or waterproof cover to protect from moisture, dirt, and debris. We recommend leaving the products in their containers until installation.

Installation

Inspect for damage and corrosion before installation. Handle louvers by the frame to ensure the louver will not become racked or twisted. Do not lift louver by the blades, or use blades as a ladder. Use sufficient support to evenly lift each louver and louver section. Do not drop, drag, step on, or apply excessive bending or twisting force when handling louvers. Install louver with respect to blade orientation and airflow. Louvers must be installed square and plumb. After louver installation, seal and caulk the gap between the opening substrate and the perimeter of the louver's frame.

Louver Maintenance

Inspect for and remove any foreign matter that may have accumulated on the blade, frame, screen or other surfaces of the louver. Regular cleaning will prevent resistance to airflow.

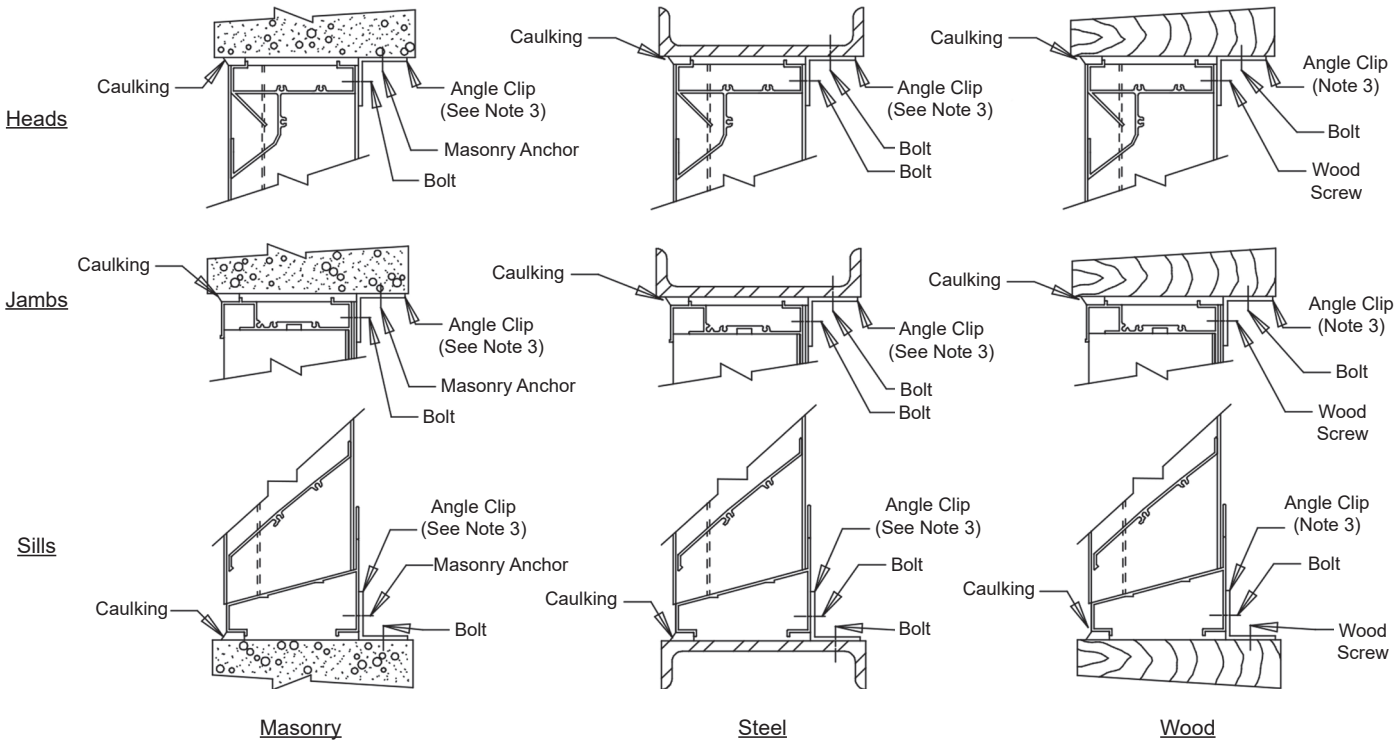
Louver Finish Cleaning

Louvers with a finish applied to it's surface that requires cleaning do not use any tools, or brushes that will abrade the coating surface. Do not use harsh chemical cleaning solutions as aromatic, chlorinated, keytones, esters, thinners, and paint remover on louver finish. Instead, use water with a 5% solution of a commercial detergent with a cloth for the cleaning application followed by an adequate rinse of clean water and dry the finish with a soft cloth. Use solvent as mineral spirits, to remove non-water soluble deposits such as tar, grease, oil, etc. from the louver finish. Misuse or abuse of the cleaning materials listed above will result in voiding the warranty for the surface area affected.

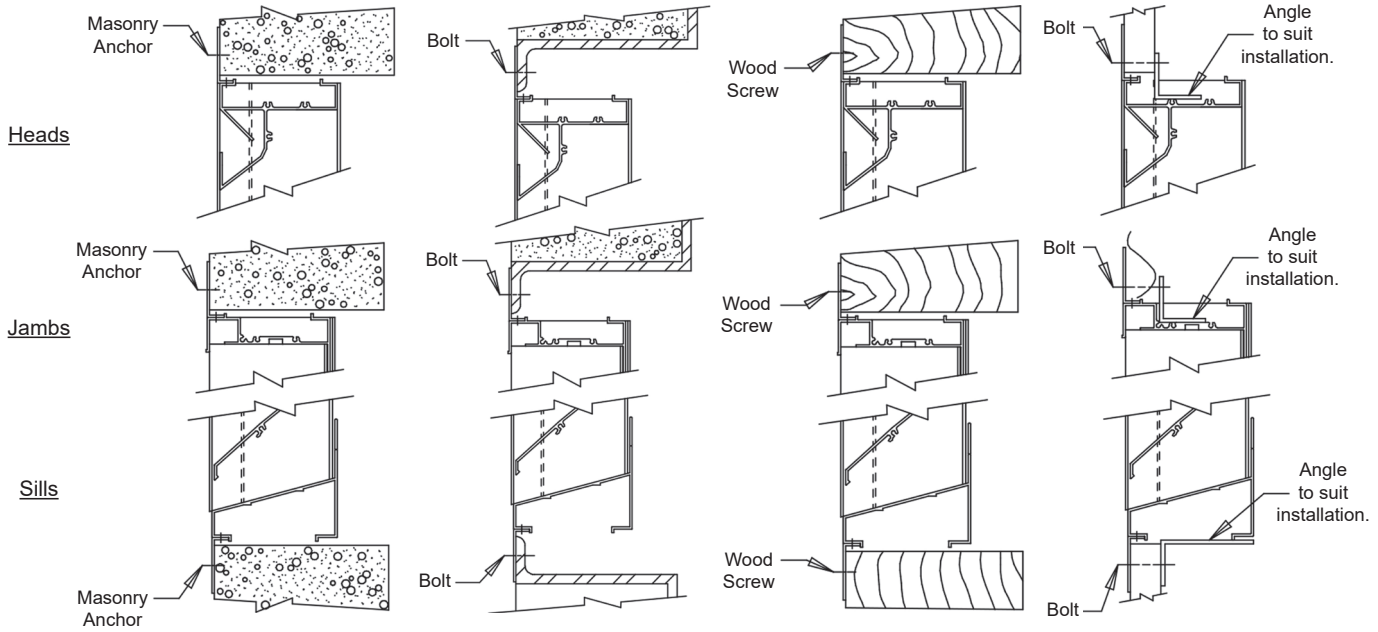
Notes

1. Louver width and height dimensions are normally undersized to allow for installation into their openings. MCDLG standard undersize is ½" from the given opening size. Other deduction are available by request.
2. The details shown here are only general mounting arrangements and cover most installation conditions for louver wall openings for single louver section. Multiple louver sections in width and/or height may require structural supports on the interior side of the louver surface. Structural supports, clip angles, mounting fasteners, sealant, shims, etc. are to be furnished and installed by others, not by MCDLG.
3. The recommended minimum mounting of louvers into their openings is a 1½" x 1½" x ⅛" continuous or clip angle at the interior side of the louver frame with ¼" diameter fasteners on 18" centers around the louver frame perimeter. One fastener in each angle leg.
4. Local building codes may vary the installation from the conditions described above and is suggested that they be followed over ours when and where required.

Standard Channel Frame

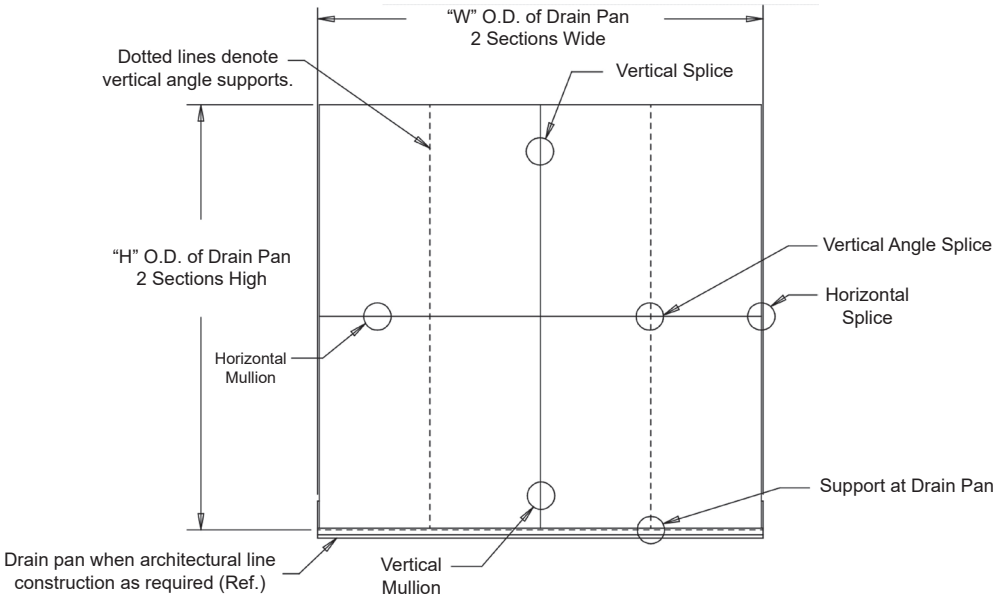


Standard Flange Frame

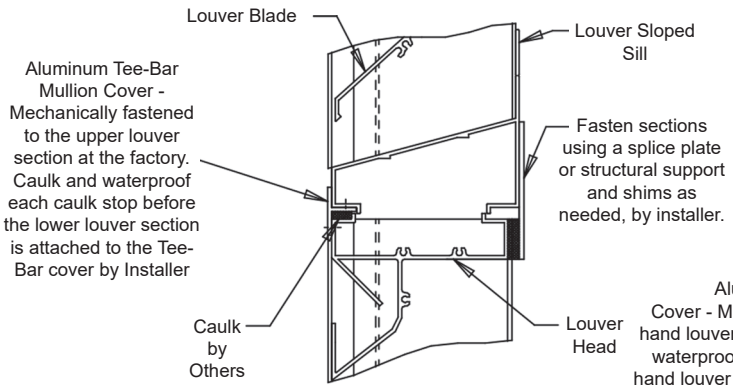


Front Elevation

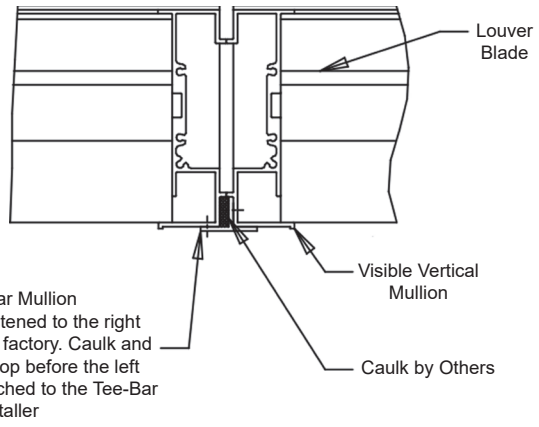
Horizontal and vertical splice with vertical support angles two sections wide by two sections high.



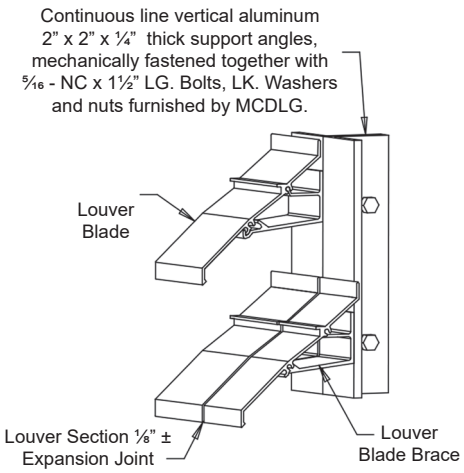
Visible Horizontal Mullion Detail



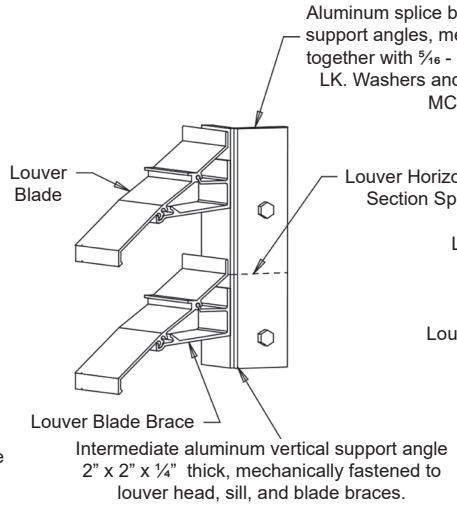
Visible Vertical Mullion Detail



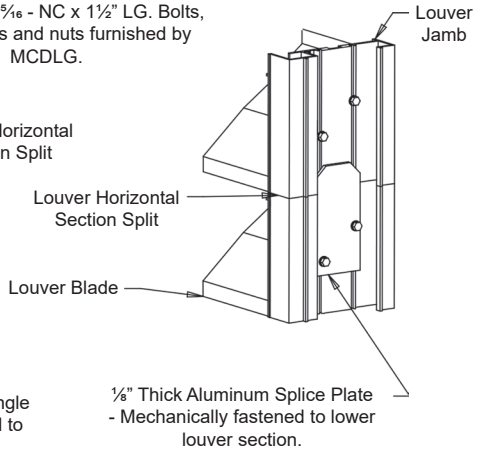
Vertical Splice Detail



Vertical Angle Splice Detail

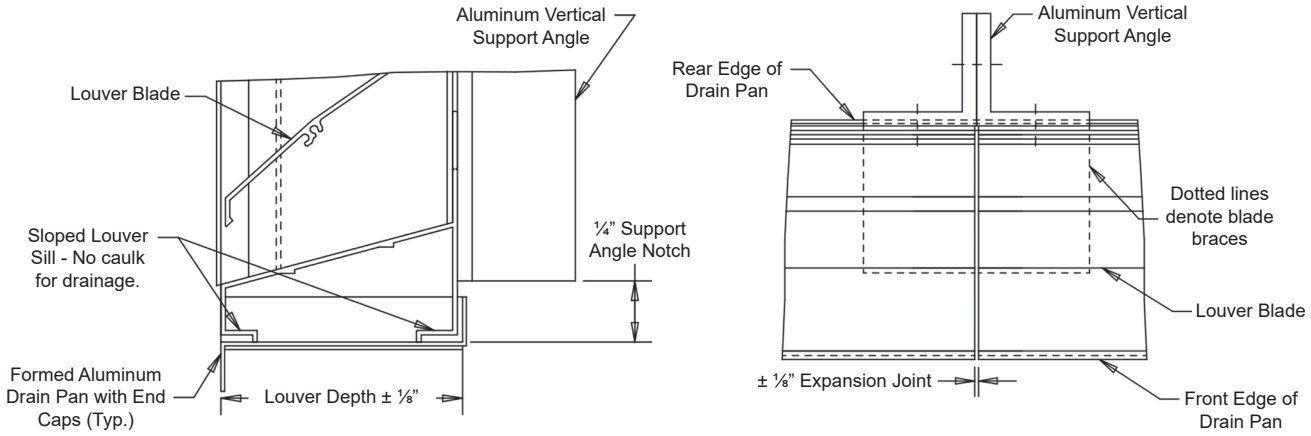


Horizontal Splice Detail



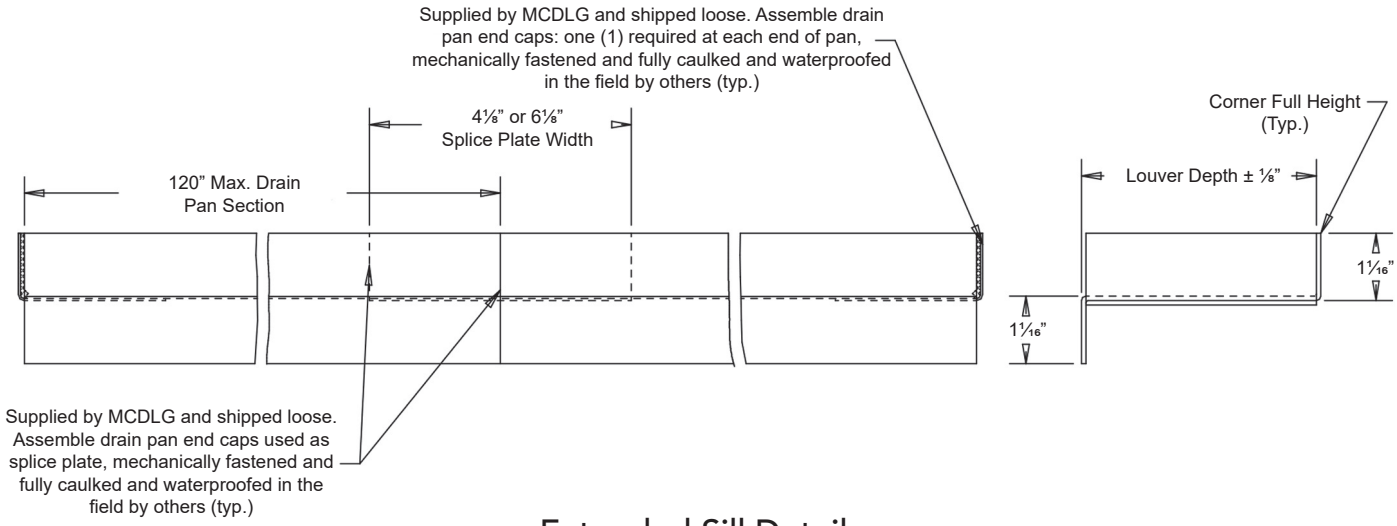
Support at Drain Pan Detail

For use with architectural continuous line construction of multiple sections in width.



Formed Drain Pan Detail

Material - .032" thick aluminum



Extended Sill Details

Material - 6063-T52/T6 Extruded Aluminum