

TYPICAL LUG AND SLIP SILLS

The details on the following sheet explain that brick coursing tables should be used to determine heights of sill in order to eliminate costly field adjustments of surrounding bricks.

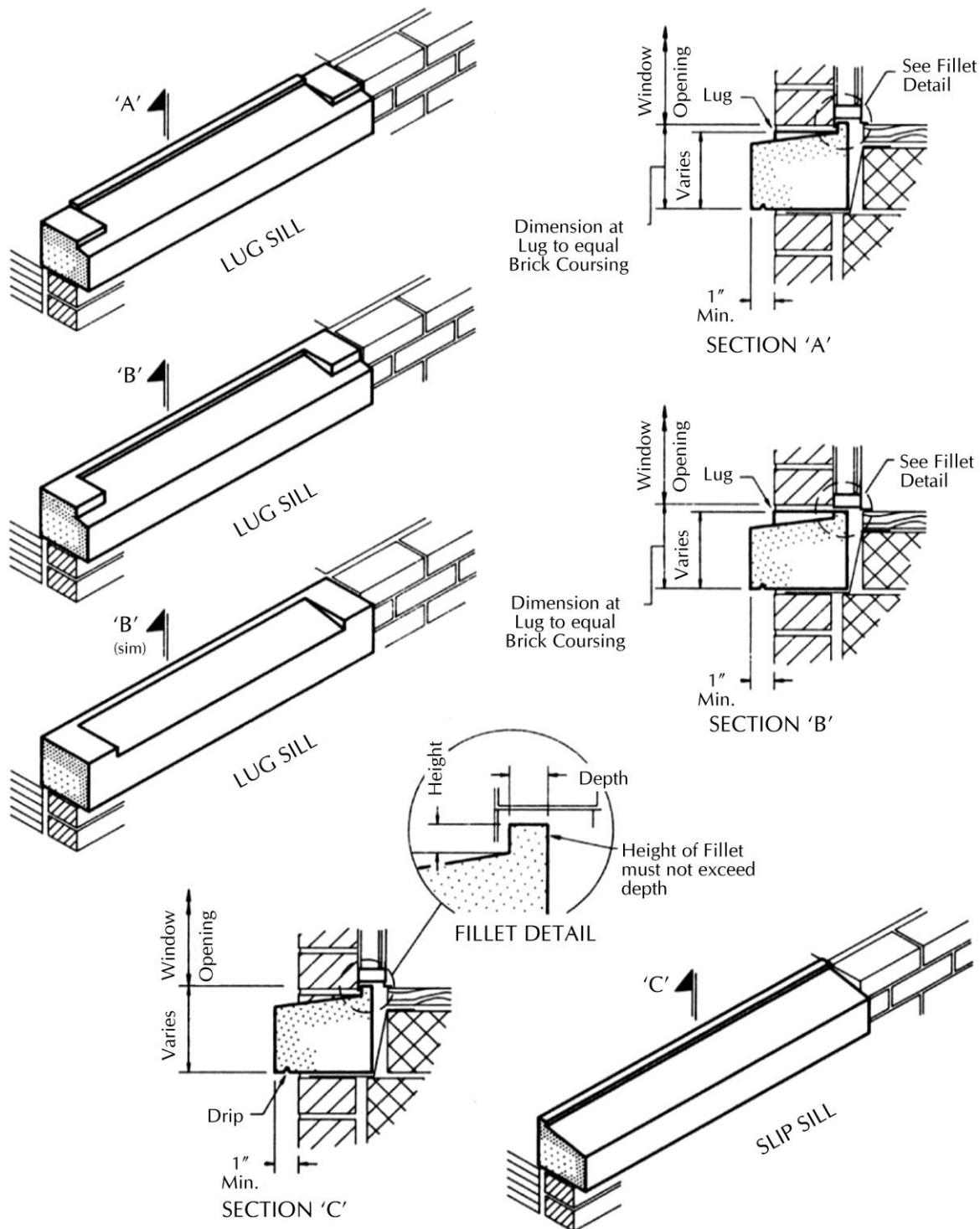
When determining the height of Cast Stone:

- A. The bottom of the sill to the bottom of the lintel must always equal brick coursing.
- B. The lintel height (if stone) equals brick coursing minus one joint.
- C. The sill height equals brick coursing to the bottom of the lintel, minus the overall window dimension.
- D. The height of the lug must equal brick coursing minus one joint.

Lug sills are sills that project into the brickwork at either side of the masonry opening. This projection is generally in lengths corresponding to a full or half brick length. Lug sills must be set in place prior to any masonry work surrounding the opening since the masonry rests on the sill lug. All lug sills are recommended to be jointed, regardless of length, due to loading on the lug ends.

Slip sills have no lug and the lengths are figured $1/2''$ less than the brick masonry opening (for a $1/4''$ mortar joint) or $3/4''$ less where sealant is desired to provide a $3/8''$ joint for gun-in of sealant. The advantage of slip sills is that they may be set in place after all masonry work has been completed, therefore minimizing potential damage during construction.

Drips are provided on sills where $1''+$ projections occur, to stop water from returning to the wall. Drips are terminated $1/2''$ from the edge of the masonry opening where the end of the sill is exposed to view.



This Technical Bulletin addresses generally accepted practices, methods and general details for the use of Architectural Cast Stone. This document is designed **only as a guide** and is **not** intended for any specific application or project. It is the responsibility of design and construction professionals to determine the applicability and appropriate application of any detail to a specific project based on professional judgment, specific project conditions, manufacturer's recommendations and solid understanding of product characteristics. The Cast Stone Institute makes no express or implied warranty or guarantee of the techniques or construction methods identified herein. Technical references shall be made to the edition of the International Building Codes for the location of the structure, the latest edition of the TMS 402/406 Masonry Standards document and TMS 404, 504, 604 Standards for Design, Fabrication and Installation of Architectural Cast Stone.

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