

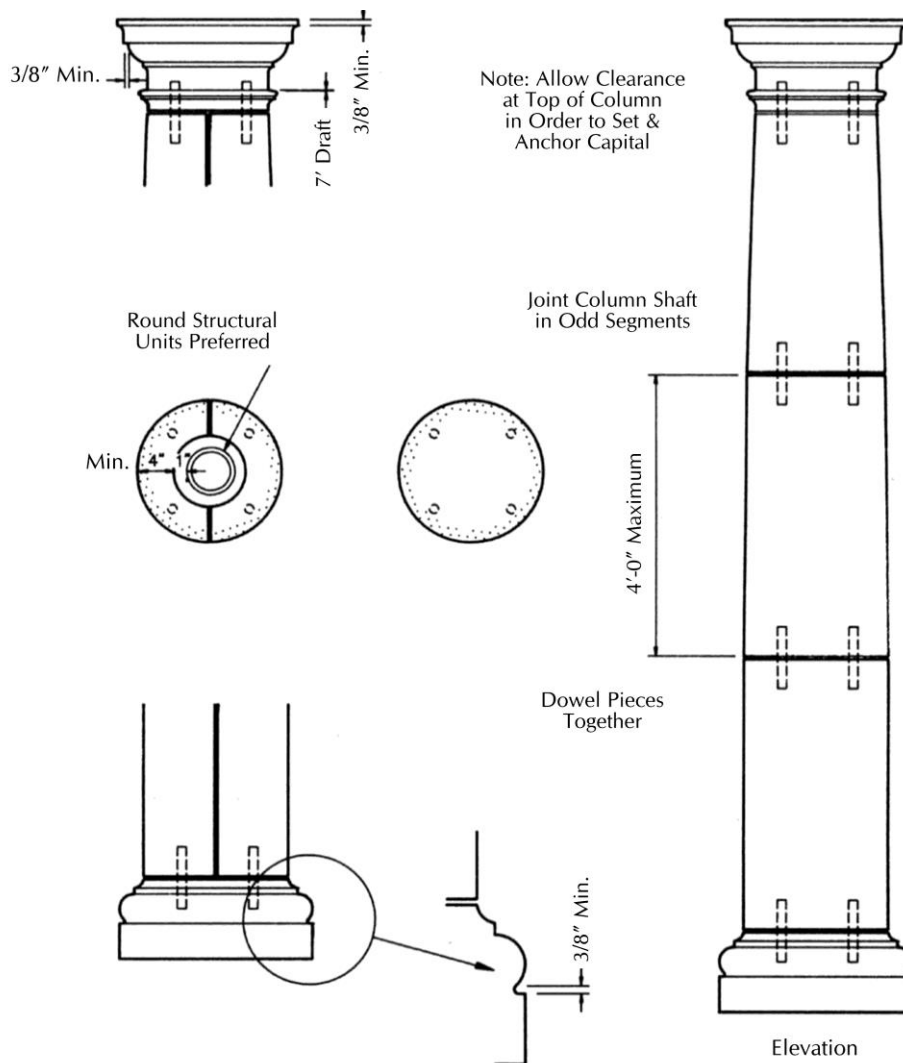
MISC. COLUMN DETAILS

Allowance for draft and feather edges in the production mould represent careful considerations which are made by the manufacturer. In most instances these accommodations have no effect on the design but deliver a major effect on the quality of the casting. Your Cast Stone Institute producer member pays a great deal of attention to these details.

Columns are usually manufactured solid. Often, U-shaped column covers are attached to structural steel. This removes the stone columns from the critical construction schedule path and prevents the columns from damage during construction.

Anchorage of columns and column covers is accomplished with dowel pins connecting units together, combining with standard anchors as shown on page 82 for tying back to the structure.

Vertical jointing of column covers can be made straight down each side or staggered from side to side.



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.

The Cast Stone Institute (CSI) is a not-for-profit organization created to advance the design, manufacture and use of Architectural Cast Stone. To further this goal, the CSI continually disseminates information to targeted construction industry audiences through presentations, programs and technical publications.