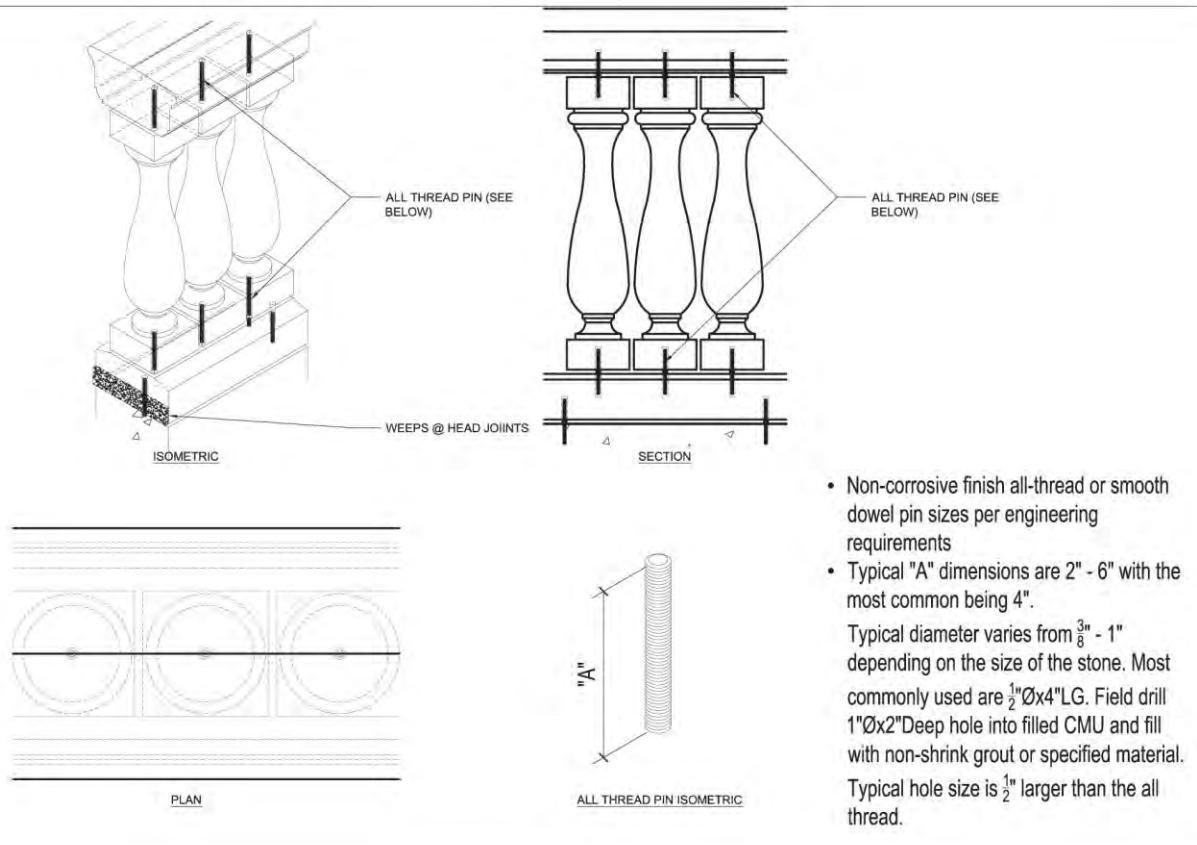


BALASTRADE - DETAIL #1



- Non-corrosive finish all-thread or smooth dowel pin sizes per engineering requirements
  - Typical "A" dimensions are 2" - 6" with the most common being 4".
- Typical diameter varies from  $\frac{3}{8}$ " - 1" depending on the size of the stone. Most commonly used are  $\frac{1}{2}$ "Øx4"LG. Field drill 1"Øx2"Deep hole into filled CMU and fill with non-shrink grout or specified material. Typical hole size is  $\frac{1}{2}$ " larger than the all thread.

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.