

DIVISION 02—EXISTING CONDITIONS

FORMAT

1. Technical specifications content and numbering system shall be based on the 2004 version of CSI MasterFormat.

BASIS OF DESIGN

1. BGSU Design standards shall not replace fully developed, project and market specific technical specification. Associate shall utilize the Standards as a minimum standard to guide the design and execution in the field. Exceptions to these standards are allowed provided they are approved by Design & Construction.
2. In instances where fewer than 3 manufacturers are indicated, the Associates shall insert "or approved equal" in the Products section of the technical specifications.
3. All submitted substitute products shall be brought to the attention of Design & Construction, prior to approval.

RELATED SECTION

1. Reserved

GENERAL PROVISIONS

1. Architect or engineer shall coordinate replacing existing or installing new monuments with the Office of Design & Construction, Data Hub & Resource Center, 419.372.2511.
2. If an existing BGSU survey monument is damaged or disturbed, that monument shall be removed and replaced with a new monument in a location approved by BGSU Design & Construction.
 - a. Replacement monument shall have the same number as the original monument.

02 21 13—SITE SURVEYS

1. Surveys shall tie into BGSU survey monuments.
2. Coordinate system settings shall be:
 - a. System: US State Plane 1983
 - b. Zone: Ohio North 3401
 - c. Horizontal Datum: NAD 1983
 - d. Vertical Datum: NAVD 88
 - e. Geoid Model: Geoid 2009

02 21 13.13—SURVEY MONUMENTS

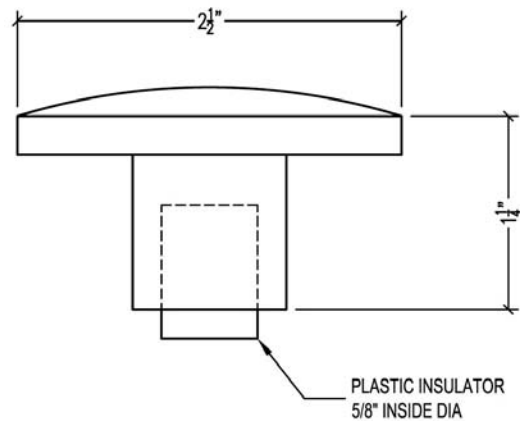
1. GPS static survey $\pm 0.1-0.5$ cm with a 45 minute observation, 80 measurements where accepted. Final coordinates shall be provided to Office of Design & Construction.
2. Monument cap shall be 2 ½" diameter aluminum with a plastic insulator

attached to fully encased, full-length 5/8" steel rod in 6" diameter concrete cylinder to at least 3'-0" below finish grade.

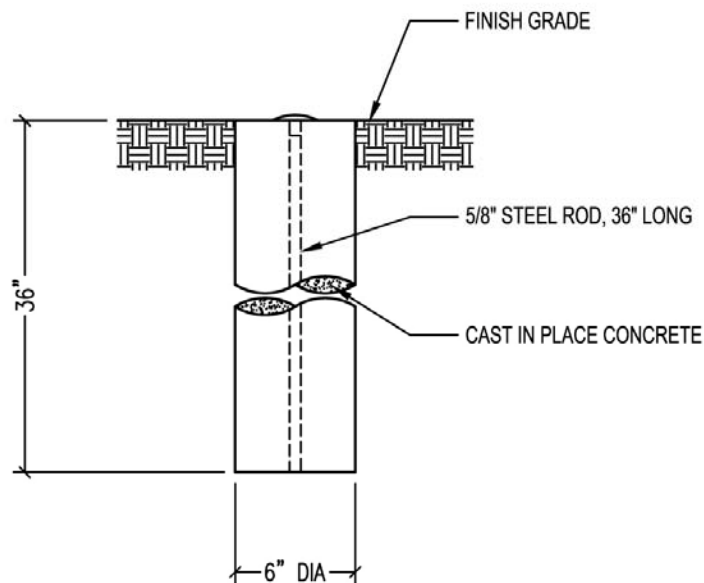
3. New monuments shall have a designation specified by Office of Design & Construction.



ALUMINUM CAP LAYOUT



SIDE VIEW OF CAP



MONUMENT ELEVATION

End of Section