

PART 1 - GENERAL

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| <u>1.1 Related Sections</u> | .1 | Section 01 77 00 - Closeout Procedures. |
| <u>1.2 Precedence</u> | .1 | For Federal Government projects, Division 1 Sections take precedence over technical specification sections in other Divisions of this Project Manual. |
| <u>1.3 References</u> | .1 | Owner's identification of existing survey control points and property limits. |
| <u>1.4 Survey Reference Points</u> | .1 | Locate, confirm and protect control points prior to starting site work. Preserve permanent reference points during construction. |
| | .2 | Make no changes or relocations without prior written notice to Departmental Representative. |
| | .3 | Report to Departmental Representative when reference point is lost or destroyed, or requires relocation because of necessary changes in grades or locations. |
| | .4 | Require surveyor to replace control points in accordance with original survey control. |
| <u>1.5 Survey Requirements</u> | .1 | Establish permanent bench marks on site, as required, referenced to established bench marks by survey control points. Record locations, with horizontal and vertical data in Project Record Documents. |
| | .2 | Establish lines and levels, locate and lay out, by instrumentation. |
| | .3 | Establish pipe invert elevations and location of any exposed pipe. |
| | .4 | Provide coordinates, elevations and dimensions in the field, as required by the Departmental Representative. |
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| <u>1.6 Records</u> | .1 | Maintain a complete, accurate log of control and survey work as it progresses. |
| | .2 | On completion of site works, prepare a certified survey showing dimensions, locations, angles and elevations of Work. |
| <u>1.7 Submittals</u> | .1 | On request of Departmental Representative, submit documentation to verify accuracy of field engineering work. |