

SECTION 01050- -FIELD ENGINEERING

1.0 CHECK OF EXISTING IMPROVEMENTS

It shall be the responsibility of the Contractor to check all dimensions, elevations, and location of existing structures, utilities, pipelines, grades or other existing items affected by or affecting the Work under this Contract, prior to the start of construction and ordering of materials and equipment affected thereby. The Contractor shall be solely responsible for determining the extent and cost of all removal and salvage operations. The Contractor shall notify the Construction Manager if existing conditions are not as shown on the Contract Documents.

2.0 DATUM

Where applicable, elevation datum for this Project is based on the Project bench mark shown on the Drawings. All connections shall be installed based on actual elevations of existing structures to which connections are made.

3.0 LINES AND GRADES

The Contractor shall lay out all work, including structures and pipelines, and shall be responsible for any errors resulting therefrom. In all questions arising as to proper location of lines and grades, the Construction Manager's decision will be final.

As part of the bid price for the construction of the improvements the Contractor shall provide and be responsible for the layout of all work on this project. The Contractor shall provide all necessary surveys, field staking, and positioning for the construction of all components at the proper alignment, elevations, grades, and positions, as indicated on the Drawings and as required for the proper operation and function. The Contractor shall stake the work limits.

The Contractor's layout shall be based on existing structures, survey control and bench marks established by the City.

The Contractor shall supply such labor as required, at no extra charge, to aid and assist the Construction Manager in checking location and grades of the work as set by the Contractor, if requested by the Construction Manager. This shall include moving materials and equipment located between monuments and the construction work.

****** END OF SECTION ******