



SECTION 01 71 23

FIELD ENGINEERING AND SURVEYING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. It shall be the responsibility of CONTRACTOR to provide construction staking for horizontal and vertical alignment of the centerline, grading, and all appurtenant features of the WORK, including offset lines necessary for construction.
- B. CONTRACTOR shall be responsible for staking the limits of construction.

1.02 REFERENCE POINTS AND SURVEYS

- A. All construction surveying provided by CONTRACTOR shall be completed under the supervision of a Colorado Registered Land Surveyor.
- B. ENGINEER will provide the elevations, coordinates and descriptions of the original and temporary PROJECT benchmarks.
- C. Requests by CONTRACTOR for survey reference points and benchmarks shall be made, in writing, to ENGINEER, allowing ENGINEER a minimum of forty-eight (48) hours to commence such survey work as requested by CONTRACTOR.
 - 1. The forty-eight (48)-hour time period will commence from the time ENGINEER receives such written request from CONTRACTOR.
 - 2. The forty-eight (48)-hour period excludes weekend days, holidays, organized union holidays, and days where weather conditions are detrimental to ENGINEER's ability to accurately perform the requested surveys.
- D. WORK that CONTRACTOR has done before reference points and benchmarks have been provided may be rejected.
- E. CONTRACTOR shall carefully preserve all reference points and benchmarks.
 - 1. In case of loss or disturbance of reference points and benchmarks, CONTRACTOR shall be responsible for the cost of replacement by ENGINEER.
 - a. Such cost will be deducted from the next progress payment to CONTRACTOR.
 - b. Such cost will be reimbursed to ENGINEER by OWNER.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION (NOT APPLICABLE)

END OF SECTION



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