

Structural Technician I

General Characteristics

Structural Technician I (ST I) takes specific job related information and converts it into the format of drawings per the established design and drafting standards.

Direction Received

ST I's perform assignments directed by Senior Structural Technicians or engineers of any level. They receive close supervision on new aspects of assignments.

Typical Duties & Responsibilities

Structural Technician I's are primarily responsible for drawing production, building modeling and applying established production standards to assignments. Other duties may include field surveys, shop drawing review, and miscellaneous administrative tasks.

An ST I should have a working knowledge of the structural systems they are depicting and should strive to understand the relationship between building components. They should assist the engineer or designer they are working with in exposing relational discrepancies in both plans and details. They should also assist engineers and designers in maintaining drawing standards.

Extract relevant information from the model/plans of other disciplines and implement structural requirements associated with that information.

Responsibilities for Direction of Others

May assist fellow ST's.

Education

An Associate's Degree in Engineering Drafting or an Engineering related curriculum is encouraged, though not required, and appropriate continuing education.

Registration

None required.

Typical Professional Attainments

Revit User

