

Technical Bulletin

FROM SPEIGHT, MARSHALL & FRANCIS,
P.C.

Structural Engineers
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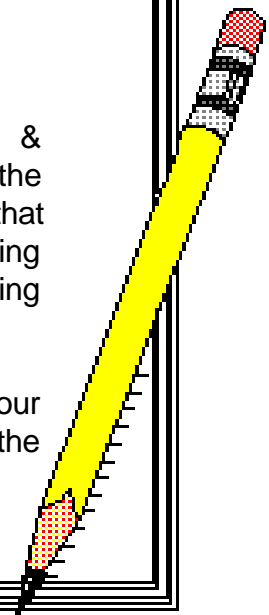
On a regular basis, we plan to distribute these informational leaflets about crucial - but often ambiguous - structural engineering topics. With the knowledge our featured subjects, our goal is to help our clients improve their profitability while reducing their liability. We suggest distributing a copy of our technical bulletins throughout your office and keeping them on hand for quick reference.

SPECIAL INSPECTIONS (PART III)

Introduction:

This "Technical Bulletin" from Speight, Marshall & Francis, P.C. is the second of a series discussing the topic of Special Inspections. It should be understood that Special Inspections is only applicable to the building portion of projects and does not include sitework testing and inspections.

This "Technical Bulletin" has been written to define our procedure for handling Special Inspections on the Contract Drawings.



Contract Drawings:

The contract drawings should outline which specifications sections will fall under the auspices of Special Inspections. We do this in our "General Notes". Our typical "General Note for Special Inspections is as follows:



THE WORK UNDER THE FOLLOWING SPECIFICATION SECTIONS IS SUBJECT TO SPECIAL INSPECTIONS AS DESCRIBED IN SECTION 1705 OF THE BOCA NATIONAL BUILDING CODE, 1996.

- 02200 - EARTHWORK
- 02360 - DRIVEN PILES
- 03300 - CAST-IN-PLACE CONCRETE
- 03410 - STRUCTURAL PRECAST CONCRETE
- 04200 - UNIT MASONRY
- 05120 - STRUCTURAL STEEL
- 05220 - STEEL JOISTS AND JOIST GIRDERS
- 05310 - STEEL DECK
- 05400 - COLD-FORMED METAL FRAMING
- 06100 - ROUGH CARPENTRY
- 06192 - PREFABRICATED METAL-PLATE CONNECTED WOOD TRUSSES

Specifications:

The specifications are used to define what aspects of the work will fall under Special Inspections. The front end of the specifications should clearly state the financially responsible party for the Special Inspection services (typically the owner). The drawings and specifications must be fully coordinated.

CONSULTING ENGINEERS COUNCIL OF VIRGINIA
COALITION OF AMERICAN STRUCTURAL ENGINEERS

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: _____

LOCATION: _____

PERMIT APPLICANT: _____

APPLICANT'S ADDRESS: _____

ARCHITECT OF RECORD: _____

STRUCTURAL ENGINEER OF RECORD: _____

This statement of special inspection is submitted as a condition for permit issuance in accordance with Section 1705 of the 1996 BOCA National Building Code. It includes a Schedule of Special Inspections applicable to this project as well as the name of the Special Inspector, and the identity of other testing laboratories or agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections, and shall furnish inspection reports to the code official and to the structural engineer or architect of record. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the code official and the structural engineer or architect of record. Interim reports shall be submitted to the code official and to the structural engineer or architect of record monthly, unless more frequent submissions are requested by the code official.

Jobsite safety is solely the responsibility of the contractor. Materials and activities to be inspected are not to include the contractor's equipment and methods used to erect or install the materials listed.

Prepared By: _____

Title or print name

Signature _____ Date _____

Professional Engineer's Stamp

Applicant's Authorization: _____ Building Official's Acceptance: _____

Signature Date Signature Date

Statement and Schedule of Special Inspections:

The Structural Engineer of Record is the most qualified member of the project team to develop the Statement and Schedule of Special Inspections. Both forms are mandatory requirements for the Contractor to receive a building permit for the project. The Statement contains information regarding the design team, Contractor, and general information regarding the project. The associated schedule of Special Inspections defines the extent of the inspections required. It specifies the Special Inspector and Testing Agency or Agencies and their responsibilities.

Further "Technical Bulletins" will discuss the Special Inspections specification section-by-specification section and clarify the roles of all parties involved.

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