



2018 IBC SPECIAL INSPECTION / STRUCTURAL OBSERVATION REQUIREMENTS

Permit Application #: _____

Project Name: _____

Project Address: _____

The responsible **Registered Design Professional (RDP)** shall identify **all inspection types** that apply to this project. **Identify the Inspection Agency or Individual** by name below with the corresponding number in the column for each inspection type.

IBC Section	RDP	SIA #	SO #	Section Title <i>For All Required Inspections Include Tables in the Structural Plans</i>
1705.1.1				<i>Special Cases. List cases here, includes suspended ceilings.</i>
1705.2.1	SE			<i>Structural Steel - see AISC 360.</i>
1705.2.2	SE			<i>Cold-formed Steel Deck.</i>
1705.2.3	SE			<i>Open-web steel joists and joist girders.</i>
1705.3	SE			<i>Concrete Construction.</i>
1705.4	SE			<i>Masonry Construction - (See TMS 402/ACI 530 /ASCE 5 & TMS 602/ACI 530.1/ASCE 6).</i>
1705.5	SE			<i>Wood Construction - Prefabricated wood structural elements, high load diaphragms.</i>
1705.5.3	SE			<i>Mass Timber Construction - See Table 1705.5.3</i>
1705.6	GEO			<i>Soils - See Table 1705.6.</i>
1705.7	SE			<i>Driven Deep Foundations - See Table 1705.7.</i>
1705.8	SE			<i>Cast-in-place Deep Foundations - See Table 1705.8</i>
1705.9	SE			<i>Helical Pile Foundations.</i>
1705.11.1	SE			<i>Structural Wood for Wind Resistance.</i>
1705.11.2	SE			<i>Cold-Formed Steel Light-frame Construction for Wind Resistance.</i>
1705.11.3	SE			<i>Wind-Resisting Components - Roof &/or Wall Cladding.</i>
1705.12.1	SE			<i>Structural Steel for Seismic Resistance.</i>
1705.12.2	SE			<i>Structural Wood for Seismic Resistance.</i>
1705.12.3	SE			<i>Cold-Formed Steel Light-Frame Construction, for Seismic Resistance.</i>
1705.12.4	SE			<i>Designated Seismic Systems.</i>
1705.12.5	Arch		NA	<i>Architectural Components.</i>
1705.12.6	ME		NA	<i>Plumbing, Mechanical and Electrical components.</i>
1705.12.7	SE			<i>Storage Racks.</i>
1705.12.9	SE			<i>Cold-Formed Steel Special Bolted Moment Frames</i>
1705.13	SE			<i>Testing for Seismic Isolation Systems.</i>
1705.14	Arch		NA	<i>Sprayed Fire-Resistant Materials.</i>
1705.15	Arch		NA	<i>Mastic & Intumescent Fire-Resistant Coatings.</i>
1705.16	Arch		NA	<i>Exterior Insulation and Finish Systems (EIFS).</i>
1705.17	Arch			<i>Fire-Resistant Penetrations & Joints.</i>
1705.18 & 1705.18.2	ME		NA	<i>Testing for Smoke Control. Provide Qualifications for Inspector.</i>
1705.19	SE			<i>Sealing of Mass Timber (See 703.9)</i>
1704.6	SE	NA		<i>Structural Observations. See Sections 1704.6.1 & 1704.6.2 for requirements.</i>

NAMES OF AGENCIES AND REGISTERED DESIGN PROFESSIONALS (Please print)

Special Inspection Agency (SIA) registered with the WABO Special Inspection program.

SIA 1 _____ SIA 2 _____

Registered design professional (RDP) designated for structural observation (SO).

RDP 3 _____ RDP 4 _____

Registered geotechnical engineer (GE) in responsible for inspection of soils.

GEO 5 _____ GEO 6 _____

SIGNATURES

Registered Design Professionals: As the Registered Design Professional for all or a portion of this project, I have made a reasonable effort to identify and note required Special Inspections and Structural Observations for that portion of the project. Lines marked with an * are required.

Name (please print)

Signature

Date

*Arch: _____

GEO: _____

ME: _____

*SE: _____

*Owner or their Designated Agent: _____

(Note: The name and signature of the owner or their agent merely indicates that they have reviewed the completed form)

ABBREVIATIONS

- Arch** - Architect
- GEO** - Geotechnical Engineer
- IBC** - International Building Code
- ICCES** - International Code Council Evaluation Services
- ME** - Mechanical Engineer
- PALS** - Planning and Public Works
- RDP** - Registered Design Professional
- SE** - Structural Engineer
- SI** - Special Inspection (IBC 1705)
- SIA** - Special Inspection Agency
- SO** - Structural Observation (IBC 1710)
- WABO** - Washington Association of Building Officials

SPECIAL INSPECTION & STRUCTURAL OBSERVATION TASKS

DESIGN PROFESSIONALS:

- Include in the contract documents the information for SI, SO and quality assurance required in Chapter 17.
- Obtain a copy of the Special Inspection & Structural Observation form from the PALS website.
- Complete and sign the form. Provide a copy to the permit applicant prior to permit application.
- Verify that the inspection agency/individual is registered with WABO at www.wabo.org/special-inspection.
- Provide a copy of the IAS Approved Fabricator certificate, if applicable, to the applicant for application submittal.

PERMIT APPLICANT:

- Upload a copy of the completed special inspection/structural observation form with the construction documents.
- Upload a copy of the IAS Approved Fabricator certificate, if applicable, with the construction documents.

SPECIAL INSPECTION AGENCY (SIA):

- Attend preconstruction meeting if required.
- Furnish inspection reports to Pierce County Building Inspector and other appropriate agencies.
- Notify the Building Inspector and RDP of all discrepancies which are not corrected by the contractor.
- Submit final letter documenting special inspection and resolution of all discrepancies to the Pierce County inspector.