

PROJECT INSPECTOR AND ASSISTANT INSPECTOR DUTIES AND PERFORMANCE: 2022 CAC

Disciplines: Structural

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Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

PURPOSE

This Interpretation of Regulations (IR) clarifies the duties of project inspectors (PI) and assistant inspectors (AI) performing inspection duties on construction projects under DSA's jurisdiction.

SCOPE

Inspection duties on DSA regulated projects prescribed by the California Administrative Code (CAC) help ensure construction work complies with DSA approved construction documents. This IR describes practical aspects of code-prescribed inspection duties.

BACKGROUND

There are three types of inspectors who may perform code-required inspections on DSA projects: project inspectors, assistant inspectors, and special inspectors (SI).

- **Project Inspectors** are responsible for ensuring that all code-prescribed inspections and administrative duties are completed, including supervision of AIs, and monitoring the work of the Laboratory of Record (LOR) and SIs. Only DSA-certified Class 1 or 2 PIs may utilize one or more AIs to assist in performing inspection and administrative duties on a project.
- **Assistant Inspectors** may be utilized, or may be required, to assist a DSA-certified Class 1 or 2 PI by providing inspection and/or administrative assistance to the PI on a project. An AI must be qualified by obtaining DSA certification as a PI. Qualified assistants must be approved by DSA for each project as explained in *IR A-7: Inspector Certification and Approval*.
- **Special Inspectors** are specially qualified persons utilized, where required by code, to inspect specific aspects of the work such as structural steel welding or masonry construction. An SI may be hired by the LOR or through an independent contract with the school district or owner. Refer to California Administrative Code (CAC) Section 4-335(f) and *IR 17-12: Special Inspection Reporting Requirements*, for additional information.

1. REQUIRED DUTIES OF THE PROJECT INSPECTOR

The PI must perform specific duties in accordance with CAC Sections 4-211, 4-219, 4-333 and 4-342. The PI acts under the direction of the design professional in general responsible charge and is subject to supervision by DSA. The PI does not have the authority to direct the contractor in the execution of the work or to stop the work of construction.

1.1 The PI's responsibilities include:

1.1.1 Maintain a thorough understanding of all requirements of the construction documents.

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1.1.2 Inspection of all portions of the construction for compliance with the requirements of the DSA-approved construction documents.

1.1.3 Identification, documentation and reporting of construction deviations (using form *DSA 154: Notice of Deviations/Resolutions of Deviations*) from the requirements of the DSA-approved construction documents. (Refer to DSA Procedure (PR) 13-01: *Construction Oversight Process* for additional information.)

1.1.4 Submittal of interim and final verified reports (forms *DSA 152: Project Inspection Card* and *DSA 6-PI: Project Inspector Verified Report*, respectively; *DSA 152-IPI: In-Plant Inspector Inspection Card/Verified Report* for in-plant inspector) per PR 13-01. At the conclusion of the project any outstanding deviations must be noted on the form DSA 6-PI or, for the in-plant inspector, form DSA 152-IPI.

Lack of compliance with the duties described above, Section 2 below, or detailed in PR 13-01 may result in a non-compliance recording on the form *DSA 119: Project Inspector Performance Review*.

1.2 The PI is prohibited from performing functions associated with actual construction work such as the following:

1.2.1 Performing construction work.

1.2.2 Directing, coordinating, or scheduling the work of the contractor, subcontractor(s), volunteer labor, or any entity performing construction work.

1.2.3 Performing “quality control” of construction. Quality control is the responsibility of the contractor. Quality assurance is the responsibility of the inspector.

1.2.4 Ordering or purchasing materials.

The PI may perform duties for the school district or owner that are not code-prescribed as long as such duties do not interfere with inspection duties. It is the PI’s responsibility to report all ancillary duties to DSA, the design professional in general responsible charge, and the structural engineer. The PI shall also report unforeseen time demands that are impacting, or will impact, their ability to perform code-prescribed duties.

DSA may approve a PI when, in the opinion of DSA, these ancillary duties would not create a conflict of interest. DSA may withhold approval of a PI or withdraw approval at any time if the appearance of a conflict of interest arises.

2. SEVEN CATEGORIES OF CODE-PRESCRIBED DUTIES OF THE PROJECT INSPECTOR

The code-prescribed duties of the PI have been organized into the following seven categories.

2.1 Category 1 – Inspector’s Job File

The PI must maintain the following records at the jobsite during construction in an organized, readily accessible manner:

2.1.1 DSA-approved (stamped and initialed) plans and specifications (printed copy unless an electronic format is allowed by the District Structural Engineer (DSE)). **Note:** The DSE determines whether an electronic format is acceptable in lieu of a printed copy based on the PI’s demonstrated proficiency in accessing, viewing, navigating, and marking documents (e.g., to show evidence of daily inspections, etc.), while in various applicable construction environments occurring at the project site (e.g., outside while performing inspections, etc.). The PI must also demonstrate compliance with viewing access and transfer requirements specified for electronic file formats at the end of Section 2.1 in this IR,

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2.1.2 DSA-approved testing and inspection list (form *DSA 103: List of Required Structural Tests and Special Inspections*). The form DSA 103 may be incorporated into drawings or specifications.

2.1.3 DSA-approved deferred submittals as required by DSA-approved plans (printed copy unless an electronic format is allowed by the DSE in accordance with Section 2.1.1 of this IR).

2.1.4 DSA-approved project addenda and revisions (printed copies unless an electronic format is allowed by the DSE in accordance with Section 2.1.1 of this IR) with identification marks made on the original DSA-approved construction documents indicating changes made by these documents.

2.1.5 DSA-approved Category A construction change documents (CCD) with a log of all construction changes, with identification marks made on the original DSA-approved construction documents indicating changes made by these documents.

2.1.6 Project Inspection Card (form DSA 152) and, when applicable, form DSA 152-IPI.

2.1.7 Copies of contractor submittals (construction schedules, shop drawings, certificates, product labels, concrete trip tickets, etc.) accepted by applicable design professionals.

2.1.8 Communication log documenting all significant project construction-related communications, such as contractor's requests for information (RFI), responses to RFIs, DSA communications (field trip notes, etc.), architect's supplemental instructions, information bulletins, and project-related meeting minutes and/or notes.

2.1.9 Deviation notices and resolution of deviations (form DSA 154) with a log (summary record) indicating resolution status for each deviation.

2.1.10 Records of concrete placing operations.

2.1.11 Evidence of continuous inspection, such as daily inspection reports.

2.1.12 Structural/materials and fire and life safety testing reports (i.e., completed copies of the National Fire Protection Association [NFPA] 13, 14, 24 and 72 Record of Completion and Testing and Inspection forms as applicable), as well as other pertinent non-structural test reports provided by other testing entities, e.g., water sanitation, backflow preventer testing, gas and potable water line pressure tests, heating, ventilation, and air conditioning (HVAC) air balancing, energy-related/CalGreen certification tests, etc.

2.1.13 Special inspection reports, whether performed by the PI (see Section 2.6 below) or SI, as well as other pertinent non-structural inspection reports provided by other inspection entities including but not limited to: elevator inspections, city or county health department inspections, etc.

2.1.14 Identification of responsible groups/individuals, including the PI, for both structural/material and fire and life safety-related tests and special inspections.

2.1.15 Completed semi-monthly reports (form *DSA 155: Project Inspector Semi-Monthly Report*).

2.1.16 Verified reports from all parties required to file verified reports.

2.1.17 Form *DSA 135: Field Trip Note* (or comparable) from prior visits and attachments indicating resolution of each field trip note item requiring action.

2.1.18 California Building Standards Codes (Title 24) applicable to the project, such as the following: Part 1 CAC; Part 2 California Building Code (CBC), Volumes 1 and 2; Part 3 California Electrical Code (CEC); Part 4 California Mechanical Code (CMC); Part 5 California

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Plumbing Code (CPC); Part 6 California Energy Code. The code edition must be as referenced on the DSA-approved plans and specifications. The PI should have access to applicable structural referenced standards as needed for particular project inspection activity. Required codes and standards can be in printed or electronic format. In the latter case, the PI must demonstrate proficiency in accessing, viewing and navigating these electronic documents at the project site.

2.1.19 Any other documents required to provide a complete record of construction.

The job file records listed above may be maintained in paper (i.e., hard copy) and/or electronic format, unless otherwise specified above. If any records are maintained electronically, full viewing access shall be given to the school district, DSA personnel and others needing access. The form DSA 119 provides guidance for required recordkeeping and duties. It may be used by the DSA field engineer, per Section 3.2 below. At the completion of the project, the PI shall transfer the job file, with the exception of building codes and reference standards, to the school district, which shall maintain the job file as part of the permanent school district records. If the PI is terminated prior to the completion of the project, for any reason, they shall ensure transfer of the job file. This occurrence requires the PI to personally provide a copy of the entire job file (with the exception of building codes and reference standards) to the assuming PI and to the school district. A copy of the entire job file shall be made available to DSA upon request (refer to PR 13-01 for additional information).

2.2 Category 2 – Inspector’s Comprehension of the Construction Documents

The PI must study and fully comprehend the requirements of the construction documents in order to provide personal competent inspection of the work. It is necessary for the inspector to possess a thorough understanding of the requirements of the plans and specifications *before* that portion of the work is performed.

The inspector must:

2.2.1 Consult the responsible design professional(s) to resolve any uncertainties in the inspector’s comprehension of, or seeming errors in, the approved construction documents prior to construction of that portion of the work.

2.2.2 Review requirements for each phase of the construction with the contractor prior to commencing that phase of the work. Good communications will prevent construction errors from occurring.

2.2.3 Readily identify noncompliant work as the construction progresses to facilitate prompt corrective action.

2.2.4 Verify code-compliant implementation of both the structural/materials and fire and life safety testing as well as the special inspection program.

CAC Section 4-343 specifies that the contractor must direct inquiries regarding document interpretation (including RFIs) to the design professional in general responsible charge, through the inspector. This code provision requires the contractor to involve the inspector in the interpretation and clarification of the construction documents.

2.3 Category 3 – Continuous Inspection of the Work

Continuous inspection means complete and timely inspection of every part of the work, including any and all work beyond the inspected structural, fire and life safety and accessibility portions of the work, such as mechanical, electrical, plumbing, etc. CAC requires prompt inspection of all the work as it progresses. CAC also requires that prompt verbal notification be made to the contractor of any deviation so that the deviation can be immediately corrected.

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Deviations relating to structural, fire and life safety or accessibility that do not receive immediate corrective action must be reported using the form DSA 154. Deviations associated with other work (mechanical, electrical, plumbing, etc.) must be reported by the PI using a documentation method of their choosing (custom form, email, etc.). All deviations must be documented in the specified location on page 2 of form DSA 155.

Work associated with concrete and masonry, which is most effectively inspected only as it is placed, requires the constant presence of the inspector.

(Note: When masonry special inspection is identified on form DSA 103, only DSA-certified masonry special inspectors may inspect masonry work. Any other special inspections identified on form DSA 103 shall be performed by appropriately qualified SIs as determined by DSA per CBC Sections 1703A.1, 1704A.2.1 and CAC Section 4-335(f). Refer to Section 2.6.1 below for those code-prescribed special inspections that may be performed and reported by the PI.)

Certain types of work which can be adequately inspected after the work is completed may be carried out while the inspector is not present, provided that the inspector promptly identifies and reports all deviations.

The PI must have personal knowledge of the construction obtained through the PI's own physical inspection of the work in all stages of its progress. When SIs or approved AIs are used on a project, the PI's personal knowledge may include that knowledge obtained from these individuals. The PI must keep a log of time spent on site and report to the school district, design professional in general responsible charge and DSA any unforeseen time demands that are impacting, or will impact, their ability to perform code-prescribed duties.

2.4 Category 4 – Records of Inspections

The PI must maintain detailed records of all inspections. These records must provide comprehensive and timely documentation of the inspected work, promptly identifying all compliant and noncompliant construction. These records must also be readily accessible and maintained in an organized manner as described in Section 2.1 above. The following are the inspection records that must be maintained at the jobsite:

2.4.1 A systematic record of all materials and assemblies accepted by the applicable design professional and delivered to the project site.

2.4.2 A systematic record of the inspection of all work required by the approved construction documents, including any modifications to the originally approved documents, such as approved addenda, revisions, or CCDs. (For special inspections performed and reported by the PI, refer to Section 2.6.1 below.) Marking properly completed work on a set of construction documents is a recommended method of verifying that the requirements of the plans and specifications have been met.

2.4.3 Construction procedure records per CAC Section 4-342, including but not limited to, concrete placement operations and other records specified on the DSA-approved construction documents.

2.4.4 Log of PI's and AI's time spent on site. DSA may require verification from the PI of time spent at the jobsite during all phases of the work. The PI's maximum cumulative total number of hours permitted on one or more simultaneous projects, exempt or not from DSA's jurisdiction, must not exceed approximately 60 hours per week unless justification and notification is provided to DSA and districts in which all simultaneous projects occur, and subsequent approval by DSA. Refer to IR A-7 for additional information.

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2.5 Category 5 – Communications Required of the Inspector

The PI must, during the course of construction, provide specific code-prescribed notices and reports to the responsible design professional(s), DSA, the school district and the contractor. The PI must maintain records of all significant communications. These records must be readily accessible (per Section 2.1 above) and maintained in an organized manner. The date and recipients of all communications must be clearly indicated.

The PI shall communicate with the DSA field engineer, design professionals and school district about any substitute inspector performing inspections due to the PI's absence for vacation, medical leave, etc. prior to such substitution occurrence. Such substitute inspectors shall meet all of the following:

1. Prior to both performing inspections and the substitution period:
 - a. Be DSA-certified with the appropriate classification for the nature of work they will inspect.
 - b. Be approved to inspect the work by DSA. Formal approval using the form *DSA 5-PI: Project Inspector Qualification and Approval*, may be waived depending on the duration of the substitution period at the discretion of the DSA field engineer and their DSA supervisor.
2. During the substitution period:
 - a. Perform all inspector duties during the original PI's absence.
 - b. Be subject to the same rules, regulations, requirements, duties, disciplinary procedures and supervision as the original PI. The substitute PI's verified report covering their inspections may be waived depending on the duration of the substitution period at the discretion of the DSA field engineer and their DSA supervisor.

The PI is required to provide the following communications during the course of a construction project:

2.5.1 Notifications to DSA

As required by CAC Section 4-342(b)5 (see form *DSA 151: Project Inspector Notifications*), including start of work, minimum 48 hours prior to completion of foundation trenches, minimum 48 hours prior to first concrete placement, when work is suspended for more than one month and when restarted.

Note: For the start of work, the PI shall use the date the contractor mobilizes on the project site to begin construction (or demolition, if demolition work is included in the project scope and in the DSA-approved construction documents).

Notifications shall be made using form DSA 151 and submitted electronically as prescribed in PR 13-01.

2.5.2 Inspector's Semi-Monthly Reports

(See CAC Section 4-337.) The PI must prepare and submit detailed semi-monthly reports (on the 1st and 16th of every month) summarizing progress of construction for the previous two-week period. The semi-monthly report must be completed on the form DSA 155 and submitted in accordance with the procedures described in PR 13-01.

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2.5.3 Deviation Notices

(See CAC Section 4-342(b)6.) When the PI identifies deviations from the DSA-approved plans and specifications, they must verbally notify the contractor. If the deviation is not immediately corrected, the PI is required to promptly issue a written notice of deviation (form DSA 154) to the contractor and submit electronically as prescribed in PR 13-01. The PI shall contact DSA field staff by email at least 48 hours prior to scheduled work covering up uncorrected deviations. The status and resolution of all deviations must be documented on semi-monthly reports (form DSA 155).

2.5.4 Record of Communications to the Responsible Design Professional(s)

All uncertainties in the PI's or contractor's comprehension of, or identification of, seeming errors in the documents must be reported in writing (email is acceptable) to the responsible design professional(s).

2.5.5 Reporting for Projects with Work Stoppage

This may be required in cases where DSA issues a Stop Work Order, Order to Comply, or a request for district/owner to stop work in accordance with *IR A-13: Stop Work and Order to Comply*. DSA may issue specific instructions to the PI for additional reporting and/or oversight of construction related to a documented noncompliant condition that is the cause of work stoppage.

2.5.6 Verified Reports

(See CAC Section 4-336.) The PI shall submit verified reports (forms DSA 152, DSA 6-PI and, when applicable, DSA 152-IP) directly to DSA, the responsible design professional(s) and the school district as described in PR 13-01.

The PI must also communicate to applicable parties how they addressed issues noted in communications (e.g., field trip notes, notifications, telephone calls, emails, letters, etc.) from DSA representatives or design professionals.

2.6 Category 6 – Inspector's Monitoring of the Testing and Special Inspection Program

The PI is responsible for monitoring the work of the LOR and any SIs and other technicians hired directly by the school district, to ensure that all structural/materials testing and special inspections, and other pertinent non-structural tests or inspections required for the project are satisfactorily completed in accordance with the DSA-approved documents. The PI must be involved in coordination with the LOR and SIs hired directly by the school district to properly complete the testing and special inspection program.

The PI must monitor the following aspects of the project-related testing and inspections concurrently with construction:

1. When DSA approval for SIs is required for district-employed SIs, the PI must verify their approval, and identify and report any SIs on the jobsite that are not DSA-approved (i.e., lacking approved form *DSA 5-SI: Special Inspector Qualification and Approval*), on form DSA 155. The PI must contact the design professional in general responsible charge and the school district to resolve this as soon as possible. Immediately notify DSA if construction work commences or continues without appropriate special inspections.
2. The PI must verify that the LOR is district-approved (refer to form *DSA 102-IC: Construction Start Notice/Inspection Card Request*) and included on the *List of DSA Accepted Testing Laboratories* on DSA's website to perform the project-required tests and special inspections. If there are tests or special inspections the LOR is not qualified

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to perform, the PI must contact the design professional in general responsible charge and the school district to resolve this as soon as possible. Immediately notify DSA if testing or special inspections by the non-qualified LOR or their personnel commence or continue.

3. The PI must verify that the LOR, SIs and other inspection entities have received sufficient advance notification to perform the required material sampling, testing, or inspection.
4. The PI shall communicate expectations and basis of the work to be performed by the LOR and other inspection entities for the project.
5. The PI shall monitor all testing and inspection activities and is responsible for verifying that all required structural, fire and life safety, and other non-structural material sampling, testing and inspections are performed.
 - a. The PI's monitoring of performance of duties by other inspectors must include:
 - i. Verifying inspectors possess or have ready access to the DSA-approved construction documents pertinent to the work to be inspected.
 - ii. Verifying inspectors possess valid certifications for applicable disciplines.
 - iii. Periodically verifying inspections by others based on regulatory requirements.
 - b. The PI's monitoring of the testing program must include:
 - i. Verifying test technicians and/or qualified representatives have the required equipment to perform all required tests (structural and non-structural).
 - ii. Verifying required testing equipment is calibrated as required.
 - c. The PI shall consistently perform detailed reviews of all conforming and non-conforming daily inspection and test reports prepared by others for compliance with IR 17-12, as applicable. Reports prepared on site must be reviewed by the conclusion of the workday following the workday inspections/tests were performed. When inspections/tests are performed off-site by others, the PI must perform these same meticulous reviews the same day they receive these reports. The PI must communicate any deficiencies identified in the reports (i.e., required but missing information, conflicts, deviations, etc.) with the respective inspector/test technician immediately upon noticing, and ensure correction and/or clarification is provided promptly.

2.6.1 The PI is responsible for reviewing all structural/materials and fire and life safety-related test and inspection reports concurrently with construction. The PI must report on semi-monthly reports (using form DSA 155) the status and resolution of deviations (using form DSA 154) reported by any LOR, SI or test technician.

Some special inspections prescribed by CBC Chapter 17A may be performed by the PI. Those special inspections required by form DSA 103 which are performed by the PI, require detailed daily inspection reports be prepared by the PI per IR 17-12. In the event a non-conforming condition is identified, the PI must use form DSA 154 in accordance with PR 13-01 and, when applicable, attach a copy of the detailed daily special inspection report indicating non-complying work.

Those code-prescribed special inspections which may be performed by the PI or AI include the following:

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1. Soils and Foundations:

For projects not having nor requiring a soils/geotechnical report:

- a. Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations.
- b. Foundation excavations are extended to proper depth and have reached proper material.
- c. Materials below footings must not contain loose material, mud, organic silt, organic clays, or peat.

2. Structural wood framing:

- a. High-load diaphragms per CBC Section 1705A.5.1.
- b. Field installed bracing of metal-plate-connected wood trusses per CBC Section 1705A.5.2.
- c. Structural wood per CBC Section 1705A.12.1 for wind resistance, and Section 1705A.13.2 for seismic resistance.

3. Concrete pre-placement and placement per CBC Sections 1705A.3.5 and 1705A.3.6 for cast-in-place concrete pad or strip footings, stem walls, or non-structural slab-on-grade (e.g., the slab does not transfer lateral loads, miscellaneous site concrete, etc.). Items inspected or verified shall include all applicable compliance items in relevant sections in ACI 318, CBC Section 1705A.3, and Table 1705A.3 not assigned to the batch plant SIs or the LOR in the form DSA 103.

4. Cold-formed steel light-frame construction per CBC Section 1705A.12.2 for wind resistance, and Section 1705A.13.3 for seismic resistance, none of which involves welding of cold-formed steel,

- a. **Exception:** Welding of cold-formed steel requires an SI unless DSA provides prior written approval for the PI to perform those special inspections.

5. Architectural components for seismic resistance per CBC Section 1705A.13.5.

- a. **Exceptions:** The following require an SI unless DSA provides prior written approval for the PI to perform those special inspections:
 - i. Masonry veneer. (**Note:** The PI must have a DSA Masonry Special Inspector Certification to perform this special inspection.)
 - ii. Proprietary systems or products, including anchorage systems, having recognized code evaluation reports (see *IR A-5: Acceptance of Products, Materials and Evaluation Reports*) specifying special inspection. (**Note:** Prior written approval by DSA for the PI to perform special inspections is not required for anchorage of non-structural components identified as exempt in the Appendix of form DSA 103.)

6. Access floors per CBC Section 1705A.13.5.1.

7. Plumbing, mechanical and electrical component installation and anchorage for seismic resistance per CBC Section 1705A.13.6.

- a. **Exception:** The following requires an SI unless DSA provides prior written approval for the PI to perform those special inspections:
 - i. Proprietary systems or products, including anchorage systems, having

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recognized code evaluation reports (see IR A-5) specifying special inspection.

(Note: Prior written approval by DSA for the PI to perform special inspections is not required for anchorage of non-structural components identified as exempt in the Appendix of form DSA 103.)

8. Exterior insulation and finish systems per CBC Section 1705A.17.

9. Fire-resistant penetrations and joints per CBC Section 1705A.18.

All special inspections performed by the PI shall be conducted continuously per CAC Section 4-342(b)1. If the PI is unable to provide both special inspections and fulfill other required duties due to time constraints, an AI or appropriately certified SI, as determined by DSA per CBC Sections 1703A.1 and 1704A.2.1, and CAC Section 4-335(f), shall be required. Sampling and testing of materials shall not be performed by the PI, except for small scopes of work in which DSA written approval occurs prior to conducting such per CAC Section 4-335(c).

2.7 Category 7 – Supervision of Assistant Inspectors

The PI must provide technical guidance to AIs and must verify AI comprehension of the construction documents. The PI must also monitor the AI's performance, verifying that the AI is properly inspecting the construction, recording inspections, and performing other assigned duties.

The PI must ensure that their AI is performing the duties indicated on the AI's approved form *DSA 5-AI: Assistant Inspector Qualification and Approval*. (See IR A-7.)

The PI must provide continuous onsite supervision of all AIs. The PI shall not assign the AI to inspect work at a project site when the PI will not be present unless special written DSA approval is obtained in advance.

Only DSA-certified Class 1 or 2 PIs are permitted to utilize AIs.

AIs are also responsible for ensuring that all code-prescribed inspection and administrative duties they are assigned to perform comply with the requirements established for PIs in this IR.

Both the PI and AI must keep a log of time spent on-site.

When an AI is utilized on a project, the PI and AI must both be identified on the form DSA 155.

3. DSA OVERSIGHT

Each DSA regional office has field engineers who conduct oversight of the project through review of documents and construction site visits. Each site visit typically includes the following:

3.1.1 Monitoring of the PI's administration and documentation of project activities.

3.1.2 Observation of construction.

3.1.3 Documentation of site visit findings using DSA field trip notes (form DSA 135).

3.2 Project Inspector Performance Review

The DSA field engineer may evaluate PI and AI performance of code required duties for, and administration of, the project using the form DSA 119. The purpose of the performance review is as follows:

To verify:

3.2.1 Continuous inspection of all work, including any portion performed by AIs.

3.2.2 Comprehension of the DSA-approved construction documents.

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3.2.3 Proper monitoring of the entire testing and inspection program (structural and non-structural).

3.2.4 Proper PI supervision of AIs.

3.2.5 Proper communications/notifications to DSA and others as well as response to, or appropriate action taken, based on prior DSA communications.

3.2.6 Completeness of PI records as described in the job file list in Section 2.1 above.

To communicate:

3.2.7 With the PI and responsible design professional regarding the PI's performance.

3.2.8 Any project documentation or other issues during construction, such as PI's proper noting and communication of deviations and their resolutions, to facilitate timely project certification.

The form DSA 119 is a project record which is maintained in DSA project files as well as posted both in DSA's electronic submittal system (DSAbox) and the Project Inspector Performance Review Box.

3.3 Observation of Construction by DSA

The DSA field engineer conducts a site walk to make observations as necessary to ascertain that inspections have been completed diligently. During the site visit, the DSA field engineer may provide guidance to the PI, as needed, to ensure enforcement of the DSA-approved construction documents and CAC.

3.4 DSA Field Trip Notes

At the conclusion of the site visit, the DSA field engineer issues a field trip note (form DSA 135) as described in PR 13-01. The field trip note indicates any findings by the field engineer that require action by the PI and/or the design professional(s) to ensure project compliance with Field Act requirements. The field trip note may include informational comments, including construction status and guidance provided to the PI. The field trip note becomes a part of DSA's project records.

REFERENCES:

2022 California Code of Regulations (CCR) Title 24

Part 1: California Administrative Code (CAC) Sections 4-211, 4-212, 4-214, 4-219, 4-240, 4-241, 4-242, 4-333, 4-333.1, 4-334, 4-335, 4-336, 4-337, and 4-342

This IR is intended for use by DSA staff and by design professionals to promote statewide consistency for review and approval of plans and specifications as well as construction oversight of projects within the jurisdiction of DSA, which includes State of California public schools (K-12), community colleges and state-owned or state-leased essential services buildings. This IR indicates an acceptable method for achieving compliance with applicable codes and regulations, although other methods proposed by design professionals may be considered by DSA.

This IR is subject to revision at any time. Please check DSA's website for currently effective IRs. Only IRs listed on the webpage at www.dgs.ca.gov/dsa/publications at the time of project application submittal to DSA are considered applicable.