











# DSA CONSTRUCTION OVERSIGHT

Central Valley Facility Planner Meeting December 6, 2023

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ADSA

#### Introduction

- 1933 Long Beach Earthquake
- The Field Act of 1933 established the Office of the State Architect now the Division of the State Architect – which is charged with developing design standards, quality control procedures, and requires that all school buildings within the State of California be designed by registered architects or structural engineers.
- DSA provides plan review and <u>construction oversight services to ensure that</u> public school facilities meet minimum standards for structural safety, fire and <u>life safety and access compliance</u>
- DSA works with the Building Standards Commission on ongoing development of building codes and standards
- DSA has authority over Implementation of 2022 California Building Standards Code/Title 24

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# DSA Construction Oversight Program

Purpose
 To ensure the delivery of code compliant projects under the Field Act.

- Regulations for Public Schools K-12 and Community Colleges
  California Administrative Code (CAC) Title 24, Part 1, Sections 4-330 through 4-344
  Observation and Inspection of Construction
  Project Inspector Certification and Laboratory Evaluation and Acceptance program
  Supervision by DSA
  Structural tests and special inspections
  Duties of various parties: Design Professionals, Project Inspectors, Contractors
- Procedures:

  - OSA Publication, PR 13-01 Construction Oversight Process
    OSA Inspection Cards completed by Project Inspectors
    Verified Reports by Design Professionals, Special Inspectors, Lab of Record, Project Inspector
    Other forms and procedures during the construction phase



# Inspections and Personal Knowledge



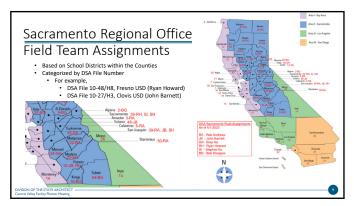
- Octimuous inspection: "...complete inspection of every part of the work. Work...that can only be inspected as it is placed shall require the constant presence of the project inspector. Other types of work that can be completely inspected after the work is installed may be carried on while the project inspector is not present." Ref CAC, THE 24, Part 1, Section 4-342(b)1
- Personal knowledge: "...actual personal knowledge that is obtained from the inspector's personal continuous inspection of the work in all stages of its progress. For work performed away from the site, the project inspector may obtain personal knowledge from the reporting of testing or special inspection of materials and workmanship..." Ref CAC, THE 24, Ref 1.Stefficial - 34800
- Design Professionals
  - SIGN Professionals Personal knowledge: "...personal knowledge this is obtained from periodic visits of reasonable frequency to the project site for the purpose of general observation of the work, and that is obtained from the reporting of others on the progress of the work, testing of materials, inspection and superintendence of the work." *Before 24. Port 1. Section 4* 3660

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# DSA Supervision During Construction

Typical Duties of DSA District Structural Engineer (aka DSA Field Engineer)

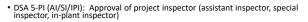
- Review and approve inspectors
- Make site visits
  - Observe construction
  - Evaluate project inspectors
- $\bullet$  Triage CCDs for FLS and ACS review, and perform structural review
- Monitor documents uploaded to DSA Box
- Address and resolve issues arising during construction
- Evaluate project files and ensure proper certification and close-out





December 6, 2023





- DSA 102-IC: Start of construction, inspection cards, DSA Box setup and access
- DSA 151: Notifications by Project Inspector
- DSA 152: Inspection Cards
- DSA 155: Semi-Monthly Reports by Project Inspector
- Laboratory tests and special inspection reports
- DSA 154: Deviation Notice
- DSA 6 PI (AE): Verified Report by Project Inspector (Design Professionals)
- DSA 291/292: Verified Report by LOR/special inspectors
- DSA 293: Verified Report by Geotechnical Engineer
- DSA 108/109: Change in Design Professional/ Geotechnical Engineer

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**Project Certification** • Project certification is the process that DSA uses to determine that the constructed project complies with the codes and regulations governing school construction. • DSA Slogan.... CERTIFICATION STARTS when CONSTRUCTION BEGINS A DSA Procedure DSA Publication, PR 13-02 Project Certification Process



- The project is occupied or in use
- Construction activity has been suspended or abandoned for a period of one year
- Examination of the DSA Project File for Certification
  - Final Verified Reports
  - Post-Approval Construction Documents
  - · Construction of Required Scope
  - Construction Compliance
  - DSA 168 Statement of Final Actual Project Costs serves as "Notice of Completion"
  - Reconcile Required Fees Paid to DSA























