













# DSA UPDATES

- 2022 California Building Standards Codes Supplements Effective July 1, 2024
- Fire and Life Safety Overview
- DSA Form 810 Fire and Life Safety Site Conditions
- DSA Document Updates, 4<sup>th</sup> Quarter of 2023

5

# FIRE & LIFE SAFETY OVERVIEW (FLS)

5

- DSA FLS reviews projects for conformance for FLS compliance. Some of the items covered by FLS review
- ✓CBC Chapter 3 in general defines the types of Occupancies. For schools this is primarily A, B and E Occupancies.
- $\checkmark$  CBC Chapter 5 in general list requirements for placement of structures, allowable areas and height / number of stories.
- $\checkmark CBC$  Chapter 7 in general list requirements for fire rated construction assemblies, penetrations etc.
- $\checkmark$  Review of fire alarm and fire sprinkler systems in accordance with CBC Chapter 9 and NFPA Standards13 and 72.
- $\checkmark$  CBC Chapter 10 list requirements for occupant loading and exiting requirements.



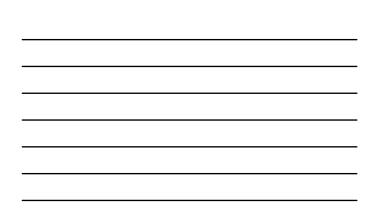
## DSA 810 FORM

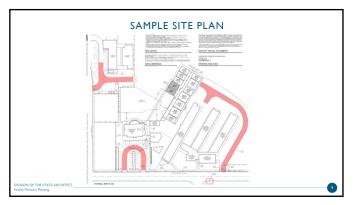
- DSA is the Authority Having Jurisdiction (AHJ). Since DSA is statewide organization and not involved in the day-to-day operations DSA works with the local fire authority for several site related items. This is done through the DSA 810 Form.
- CFC 503.1.1 requires all portions of a building to be within 150' of the fire lane.
  CFC 507.5.1 requires all portions of a building to be within 400' of a fire hydrant.
- $\checkmark NFPA$  24 requires a minimum of 40 from a structure to a fire hydrant.
- CFC Appendix BB sets the required fire flow. A reduction is not allowed less then 1,500 GPM. PL 09-01 Fire Flow for Buildings list some alternates that may be accepted by DSA in combination with the LFA when 1,500 GPM is not available

7

8

<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header>









March 5, 2024

### DOCUMENT UPDATES

- Please make sure that you register your email address with our listserv to receive updated documents as they are posted.
- BU 11-08: Occupant Load Determination and Posting in Assembly Occupancies in California Public Schools and Community Colleges. (10/09/23) • BU 15-02:Water Flow for Fire Protection Systems Dining Drought Condition. (10/09/23)
- BU 11-06: Current Fire & Life Information Regarding Relocatable Buildings. (10/10/23)
- IR 18-3: Foundations Analysis and Design Forces: 2022 CBC. (10/30/23)
- IR 25-2: Suspended Lay-In Panel Ceiling: 2022 CBC. (11/03/23)
- IR 31-2: Intermodal Shipping Container Conversion to School Building: 2022 CBC. (11/16/23)
- IR 19-6: Flat Wall Insulating Concreting Form (ICF) Construction. (11/16/23)

10

• DSA 403-C: CALGreen Code Submittal Checklist. (11/30/23)

#### OF THE STATE ARCHITECT

10

### DOCUMENT UPDATES

- DSA 3: Project Submittal Checklist. (12/02/23)
- IR A-8: Project Inspector and Assistant Inspector Duties and Performance: 2022 CAC (12/05/23)
- IR 18-4: Superstructure to Foundation Connection: 2022 CBC. (PDF) (12/12/23)
- IR 9-2: Carbon Monoxide Detection Requirements for Group E Classrooms and Group 1–4 Occupancies. (12/14/23)
- IR A-26.cc: Community College Occupancy Classification and Occupant Load Factors: 2022 CBC. (12/14/23) IR A-25: Design, Installation and Maintenance of Automatic Fire Sprinkler Systems (AFSS): 2022 CBC. (12/14/23)
- IR A-21: Design, Installation and Maintenance of Fire Alarm Systems. (12/14/23)
- PL 07-03: Fire Department and Emergency Access Roadways and School Drop-Off Areas. (12/14/23)
- PL 09-01: Fire Flow for Buildings. (12/14/23)

















16

