

BUILDING DATA

Calif. Polytechnic State University Building 08A, Bioresources and Agricultural Engineering Shop.
Original Construction 1954.

Occupancy Type: B Occ., with A-3 Accessory (less than 10%) and F-1 Occ. , non-sprinklered

Construction Type: V-B [(E) Condition per current code]

Any materials allowed by code (Metal frame, CMU separation walls, wood and metal interior partition framing

Non Bearing Exterior Walls (Table 602)-

> 30' : No Requirement.

Fire separation distance is greater than 30', NO LIMIT on exterior openings per table 705.8

Occupancy Separations: None (not required)

NOTE: CMU Fire Walls (Separation Walls) were installed as part of the original construction at 2 places, creating two 9000 sf areas and one 13,500 sf area. However, those separation walls stop at the inside face of the metal frame (columns and beams) so they are not true fire walls. Prior to any additional work in this building, the metal frames at these locations MUST have spray applied fire-proofing applied (2-hour rating) and all openings shall be verified as 1-1/2 hour rated.

No. of Stories: 2 – OK per Table 503, 2 stories Allowed at B occ.

(E) Building Height- 27', 55' allowed

Actual Building Area- (Bldg. 08A)

First Floor 31,500 sq. ft

Second Floor 13,572 sq. ft.

Total: 45,072 sq. ft.

Allowable Area –

Base for B - 9,000 sf

Base for E-1 - 8,500 sf

Allowable area calculation not performed

DSA Info-

No DSA number.

Fire Sprinkler Info-

No Sprinkler

SFM FILE #- 18-40-03-0001-XXX