

CODE SUMMARY APPLICABLE BUILDING CODE:

1. CALIFORNIA BUILDING CODE - 2007 ED. (2006

THREE-STORY, 40,000 GSF COLLEGE STUDENT SERVICES & CLASSROOM BUILDING. NEW WORK ALSO INCLUDES EXT. ELEVATOR & REPLACEMENT

THROUGHOUT SPACE. NEW FIRE SPRINKLERS

SHALL BE ADDED TO INDIVIDUAL ROOMS AS

OCCUPANCY CLASSIFICATION:
7. PRIMARY OCCUPANCY: GROUP B — EDUCATIONAL

8. ASSEMBLY ROOMS WITH OCCUPANT LOAD < 50 SHALL ALSO BE OCCUPANCY GROUP B (303.1,

9. SECONDARY OCCUPANCIES ARE A-2 (BLDG. 5

CLASSROOMS) AND S-1 (FOOD SERVICES

10. GRADE PLANE = 662.3' (FROM SHT. A0.51) 11. MAXIMUM ALLOWABLE HEIGHT = UNLIMITED

13. MAXIMUM ALLOWABLE STORIES = UNLIMITED

16. ACTUAL AREA/STORY = 21,879 SF MAX.

BLDGS. 5/6 GROUND FLR.

ALLOWABLE FLOOR AREA (CHAPTER 5, TABLE 503) 15. MAXIMUM ALLOWABLE AREA/STORY = UNLIMITED

(COMBINING BLDG. 5 SECOND FLR. AND BLDG. 8 FIRST FLR., AS THEY'RE ON THE SAME STORY).

OCCUPANCY SEPARATIONS: SPACES COMPLY WITH CBC

508.3.3 - NO SPRINKLER SYSTEM THROUGHOUT (NEW SPRINKLERS PROVIDED ONEY IN AREAS

-REQUIRED BY CODE) AT THIRD FLOOR FER

19. SEPARATION BETWEEN B & A: 2-HR. CEC 92.2.2.2.20. SEPARATION BETWEEN B & S-1: NONE

18. SEPARATIONS ARE DETERMINED WITH TABLE

21. SEPARATION BETWEEN A & S-1: 2-HR. 22. SEPARATION BETWEEN A & A: NONE

FIRE RESISTIVE CONSTRUCTION (CH. 5 & 6) 23. MECH. ROOM W/ ANY ONE PIECE OF FURNACE EQUIPMENT > 400kBTU SHALL BE EITHER 1 HR.

CONSTRUCTION OR HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM (TABLE 508.2)

24. STORAGE ROOMS > 100 SE SHALL BE EITHER 1 HR. CONSTRUCTION OR HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM (TABLE 508.2)

25. WASTE COLLECTION ROOM > 100 SF SHALL BE EITHER 1 HR. CONSTRUCTION OR HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM (TABLE 508.2)

AUTOMATIC FIRE SPRINKLER SYSTEM (TABLE)

EXITING REQUIREMENTS
26. SEE SHEETS A0.61 THROUGH A0.63 FOR EXITING PLANS AND ANALYSIS.

AUTOMATIC SPRINKLER SYSTEMS

27. APPROVED AUTOMATIC SPRINKLER SYSTEMS IN NEW BUILDINGS AND STRUCTURES SHALL BE PROVIDED IN THE LOCATIONS DESCRIBED IN CBC

28. SINCE BLDGS. 5, 6 AND 8 ARE EXISTING, WITH INTERIOR RENOVATION ONLY, AND THE STRUCTURE

IS AN EXISTING TYPE I—A CONSTRUCTION, SECTION 903.2 DOES NOT APPLY.

CALCULATIONS

FOOTNOTES

+671.2 +662.0 +659.3 +659.3 +659.3 +657.3 +630.0 +631.0 +634.0 +636.0 +630.5 +631.0 +631.1 +631.1 +631.1 +628.3 +634.0 25,167.4/38 = 662.3

GRADE PLANE = 662'4"

= 12,325 SF = 17,654 SF

= 4,225 SF = 3,540 SF = 50,032 SF

CAFETERIA), A-3 (BLDG. 6 MULTI-PURPOSE ROOM AND SEVERAL LARGE BLDG. 5

OCCUPANCIES FOR STUDENTS ABOVE THE 12TH

6. FOR CODE ANALYSIS, BUILDING 8 SHALL BE CLUSTERED WITH BUILDINGS 5 AND 6.

2. AN INTERIOR RENOVATION TO AN EXISTING

OF (E) EXTERIOR STAIRS.
PRIMARY OCCUPANCY IS GROUP B.

5. NO AUTOMATIC FIRE SPRINKLER SYSTEM

4. TYPE I-A CONSTRUCTION (602.2).

REQUIRED BY CODE.

GRADE (304).

STORAGE ROOMS).

HEIGHT LIMITATIONS (TABLE 503):

12. ACTUAL HEIGHT = 32'-10"

ACTUAL FLOOR AREA

17. ACTUAL TOTAL AREA =

BLDG. 5 FIRST FLR.

BLDG. 8 SECOND FLR.

508.3.3 SEPARATED OCCUPANCIES.

BLDG. 5 SECOND BLDG. 8 FIRST FER.

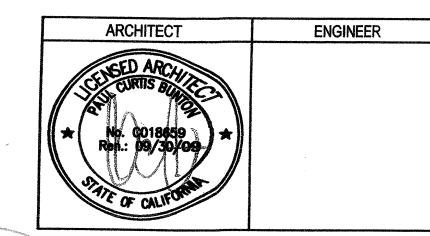
TOTAL

14. ACTUAL NO. OF STORIES = 4

DESCRIPTION:

architecture planning int eriors

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BUILDINGS 5 & 6 **RENOVATIONS**

San Mateo County Community College District

DSA SUBMITTAL

CAÑADA COLLEGE

4200 Farm Hill Boulevard Redwood City, CA 94061

CODE REVIEW - BUILDING HEIGHT CALCULATIONS

Drawing Number 08/29/08 AS NOTED 07013

GRADE PLANE SITE PLAN