



CODE SUMMARY

0-GENERAL DESCRIPTION

BUILDING TYPE: III-B
 OCCUPANCY CLASSIFICATION: A3 (FITNESS FACILITY)
 BUILDING HEIGHT: 35'-5"
 FIRE SPRINKLER: YES (FULLY SPRINKLERED), NFPA 13

1-ADMINISTRATION

ALL WORK TO BE IN CONFORMANCE WITH THE 2016 CALIFORNIA BUILDING CODES AND LOCAL AMENDMENTS

ACCESSIBILITY REQUIREMENTS PER THE FEDERAL ADA, ANSI 117.1-2003, AND 2016 CBC, OR AS AMENDED BY STATE OR LOCAL REGULATIONS, WHICHEVER IS MOST RESTRICTIVE

3-OCCUPANCY

- 1. OCCUPANCY (2016 CBC, CHAPTER 3): A3
- 2. OCCUPANCY 1 HR SEPARATIONS: ELECTRICAL ROOM
- 3. OCCUPANCY LOAD: 715

5-GENERAL BUILDING SIZE

- 1. GROSS BUILDING AREA (2016 CBC SECTION 503): 36,480 s.f.
- GROUND FLOOR AREA, (INSIDE FINISH EXTERIOR WALL) 36,480 s.f.
- TOTAL AREA: 36,480 s.f.
- 2. ALLOWABLE STORIES (2016 CBC TABLE 503): 3
- ACTUAL STORIES: 1
- ALLOWABLE HEIGHT (2016 CBC TABLE 503): 75'
- ACTUAL HEIGHT: 35'-5"
- 3. ALLOWABLE AREA: BASIC ALLOWABLE AREA (2016 CBC TABLE 503): A1 = 38,000 s.f.
- 4. AREA MODIFICATIONS (2016 CBC SECTION 506, EQUATION 5-1)

FRONTAGE INCREASE (2016 CBC SECTION 506.3.3, EQUATION 5-5)
 $IF = [F / P - 0.25] W / 30$
 $IF = [782 / 782 - 0.25] 30 / 30$
 $IF = [1.0 - 0.25] 30 / 30$
 $IF = [.75] 1$
 $IF = .75$

ALLOWABLE AREA (506.2.3 Equation 5-2)
 $Aa = [A1 + (NS \times F) \times Sa]$
 $Aa = [38,000 + (9,500 \times .75) \times 1]$
 $Aa = [38,000 + (7,125) \times 1]$
 $Aa = 45,125 S.F.$
 TOTAL ALLOWABLE AREA = 45,125 S.F.
 FLOOR AREA: 36,480 S.F. < 45,125 S.F. (THEREFORE BUILDING AREA IS OK)

6-TYPE OF CONSTRUCTION

- 1. CONSTRUCTION (SECTION 603): TYPE III-B, FULLY SPRINKLERED
- 2. FIRE RESISTIVE CONSTRUCTION REQUIREMENTS (2016 CBC TABLE 601)
- STRUCTURAL FRAME (2016 CBC TABLE 601) 0 HR
- EXTERIOR BEARING WALL (2016 CBC TABLE 601) (LESS THAN 5'-0" FIRE SEPARATION) 0 HR
- EXTERIOR NON-BEARING WALL (2016 CBC TABLE 602) (0' TO 10' - FIRE SEPARATION) 1 HR
- EXTERIOR NON-BEARING WALL (2016 CBC TABLE 602) (10' OR MORE - FIRE SEPARATION) 0 HR
- INTERIOR BEARING WALL (2016 CBC TABLE 601) 0 HR
- INTERIOR NON-BEARING WALL (2016 CBC TABLE 601) 0 HR
- FLOOR CONSTRUCTION (2016 CBC TABLE 601) 0 HR
- ROOF CONSTRUCTION (2016 CBC TABLE 601) 0 HR

7-FIRE PROTECTION

7A-MAXIMUM AREA OF EXTERIOR OPENINGS

- 1. OPENINGS NOT LIMITED WHERE YARDS ARE > 30' PER 2016 CBC TABLE 705.8

7B-FIRE PROTECTION (ACTIVE)

- 1. BUILDING IS FULLY SPRINKLERED.
- 2. PROVIDE FIRE EXTINGUISHERS AND CABINETS AS INDICATED ON THE DRAWINGS. VERIFY EXACT COUNT AND LOCATION WITH FIRE MARSHALL PRIOR TO INSTALLATION.
- 3. FIRE ALARM SYSTEM (2016 CBC SECTION 907.2.1)
- 4. ALL FIRE RATED DOORS MUST BE SELF CLOSING, AND AUTOMATIC

10-MEANS OF EGRESS

- 1. EXIT ACCESS TRAVEL DISTANCE (2016 CBC TABLE 1016.2): 250' MAX.
- 2. COMMON PATH OF TRAVEL (2016 CBC TABLE 1014.3): 75' MAX.

17-SPECIAL INSPECTIONS:

- 1. OWNER TO PROVIDE SPECIAL INSPECTIONS AS REQUIRED BY 2016 CBC SECTION 1704.

29-PLUMBING:

FIXTURE COUNT BASED ON SEPARATE APPROVAL, (2016 CPC TABLE 422.1)
 OCCUPANT LOAD: 545, 273 MALES, 273 FEMALES

	MALE			FEMALE			DF	SERVICE SINK
	W/C	URINAL	LAV	W/C	LAV	DF		
REQUIRED *	3	3	2	6	4	2	1	
PROVIDED	3 + 4** = 7	3	7 + 4** = 11	4 + 4** = 8	8 + 4** = 12	6	1	

** INCLUDES THE 3 UNISEX TOILETS AT BASKETBALL CORRIDOR AREA & (1) AT THE KID'S KLUB (TOTAL OF 4)

30-OCCUPANCY SIGNAGE

OCCUPANT LOAD SIGNS SHALL BE PROVIDED AT ALL AREAS WITH OCCUPANCY GREATER THAN 50.

31-EMERGENCY SIGNAGE

FOR EMERGENCY EVACUATION SIGN DETAILS, SEE SHEET A0-2.4

NOTES:

- 1. G.C. TO POST SIGN THAT READS "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- 2. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
- 3. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.
- 4. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
 - 4.1. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
 - 4.2. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - 4.3. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - 4.4. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECT. 1008.1.6, FOR EXITS REQUIRED TO HAVE TWO OR MORE EXITS.
 - 4.5. EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.6, FOR EXITS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

EXHIBIT C

A-2
 Floor Plan
 3/32" = 1'-0"
 05.30.2019
 AO#: 2018-061

Applicant: