



TENANT IMPROVEMENT CORRECTIONS

Plan Check No. _____ Owner: _____
 Project Address: _____ Phone: _____
 Project Description: _____ SDC: _____
 Snow Load: _____ Climate Zone: _____
 Checked by: _____ Date: _____

Phone: Auburn Office (530) 745-3010 Tahoe Office (530) 581-6200

1st Check 2nd Check 3rd Check 4th Check

- Our services include allowance up to 3 rechecks/correction letters. Additional plan review fees will be calculated on a time basis: for additional plan reviews (beyond three).

NOTE: PLAN CHECK EXPIRES 180 DAYS AFTER SUBMITTAL.

Make all corrections listed below where the check box indicates

- Resubmit original checked/marked plans and indicate the location of response/correction on this sheet.
- Return this “Tenant Improvement Corrections Sheet” along with corrected plans.
- Indicate how each correction was resolved by notation on the “Residential Plan Correction Sheet” next or under the checked item.
- Plan check status information Auburn office **(530) 745-3010** or Tahoe office **(530) 581-6200** during business hours, or may be verified 24 hours, 7 days a week via the internet at: <http://permits.placer.ca.gov/kivanetprod/citizen/permit/lookup/index.cfm>
- For correction clarifications, or general questions relating to your plan check, please call your plan checker or schedule an appointment to see them.
- Codes used: 2010 CBC; 2010 CRC, 2010 CFC, 2010 CEC, 2010 CMC, 2010 CPC; 2010 CALGreen Code; 2010 California Energy Code
- Review of new information, or corrective actions, may result in additional corrections. Additional review time may be necessary upon resubmittal.

Note: This list is applicable to B/M/A-2 occupancies.

	<u>ARCHITECTURAL</u>
<input type="checkbox"/>	1. Building Data required to noted on the drawings:
<input type="checkbox"/>	No. of Stories:
<input type="checkbox"/>	Type of Construction:
<input type="checkbox"/>	Occupancy Group(s):
<input type="checkbox"/>	Suite Area:

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Fire Sprinklers: Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Fire Alarm: Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>a. List building data above on drawing.</p> <p>b. Correct building data on sheet as noted above.</p> <p>c. (Other)</p>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>2. Provide the following information on plan:</p> <p>a. Building owner.</p> <p>b. Name of tenant.</p> <p>c. Suite number.</p> <p>d. (Other)</p>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>3. Provide the following drawings:</p> <p>a. Architectural</p> <p>b. Plumbing (isometrics)</p> <p>c. Electrical (circuit drawings, panel schedule/s)</p> <p>d. Mechanical (ducts, supply, return, dampers)</p> <p>e. (Other)</p>
<input type="checkbox"/>	<p>4. Provide a complete floor plan showing location of suite, exit access and exit. Specify the use of each room.</p>
<input type="checkbox"/>	<p>5. Show low partitions on floor plan.</p>
<input type="checkbox"/>	<p>6. Provide -hr. fire barrier occupancy separation between per CBC Table 508.4</p>
<input type="checkbox"/>	<p>7. Provide -hr. separation and/or fire sprinkler protection for incidental use area per CBC Table 508.2.5 (Storage room with area exceeding 100 sq. ft. in non-sprinklered building)</p>
<input type="checkbox"/>	<p>8. Provide one hour fire rated partition between tenants within mall (Fashion Island) CBC 402.7.2</p>
<input type="checkbox"/>	<p>9. Occupancy is not permitted above the first floor in -type of construction.</p>
<input type="checkbox"/>	<p>10. Interior partitions to be of non-combustible construction using metal studs In type I and type II construction CBC 603.1 and Table 601</p>
<input type="checkbox"/>	<p>11. Interior bearing walls to be -hr rated construction per CBC Table 601</p>
<input type="checkbox"/>	<p>12. New openings in exterior walls within ft. from the property line shall be protected per CBC Table 705.8</p>
<input type="checkbox"/>	<p>13. Two exit access doors are required from an office tenant space when the occupant load exceeds 49. CBC Table 1015.1 (1)</p>
<input type="checkbox"/>	<p>14. Maximum common path of travel distance which the occupants are required to traverse before two separate and distinct path of egress travel to two exits are available shall not exceed:</p> <p>a. 100 ft, when the occupant load is 30 or less. CBC1015.1(2)</p>

	b. 75 ft, when the occupant load exceeds 30. CBC 1015.1(2)
<input type="checkbox"/>	15. Egress from a room or space shall not pass through kitchen, storage room, closet or spaces used for similar purposes. CBC 1014.2
<input type="checkbox"/>	16. All occupants shall have access to two exits from the story. CBC Tables 1021.2 Exceptions: a. Single story building with maximum occupant load of 49 and less than 75 ft (100 ft if sprinkle red bldg.) travel distance to exit. CBC Table 1019.2 b. Second of a story building with maximum occupant load of 29 occupants per floor and maximum travel distance of 75 ft to exit. CBC Table 1021.2
<input type="checkbox"/>	17. For B occupancy, the maximum travel distance to at least one exit shall be: a. 200 ft. in non-sprinklered building. b. 300 ft. in sprinklered building.
<input type="checkbox"/>	18. Exit access doorways and exits from floor shall be separated by a distance equal to or greater than 1/2 the diagonal of the suite or floor respectively in non-sprinklered building CBC 1015.2.1. The minimum separation between required exit access doors or exits shall be equal or greater than 1/3 of the diagonal of the space or floor it serves in sprinklered buildings. CBC 1015.2.1 Exp. 2
<input type="checkbox"/>	19. Provide a door schedule and specify hardware for each door.
<input type="checkbox"/>	20. Enclosed exit access "Corridor" shall be enclosed with 1 hr enclosure in non-sprinklered buildings. CBC Table 1018.1 a. Enclosure walls to be one hour fire partitions and doors to be 20 min. rated with automatic closer and self latching hardware. b. Provide a section through rated corridor fire partition (And lid if tunnel corridor) c. Corridor door(s) # to be 20 minutes rated with smoke and draft protection and automatic closer CBC 715.4.3 d. Fixed windows in corridor fire partitions to be 1 hr. rated assembly (CBC715.2)
<input type="checkbox"/>	21. Corridor width shall be: a. 44", where it serves 50 or more persons. 36" where it serves less than 50 persons. CBC1018.2
<input type="checkbox"/>	22. When more than one exit or exit access doorway is required, exit access shall be arranged such that there is no dead end in a corridor exceeding 20 ft.(50 ft in sprinklered building). CBC1018.4
<input type="checkbox"/>	23. Elevator lobby to be separated from rated corridors with 1 hr. enclosure and 20 min. rated doors CBC708.14.1 EXCEPTION: Building is sprinklered and not a high-rise top floor more than 40' above fire department access).
<input type="checkbox"/>	24. Calculate the maximum occupant load per CBC Table 1004.1.1 for each dining room and for waiting areas and for patio dining area in a restaurant and list it on the floor plan.
<input type="checkbox"/>	25. Write a note on drawings that the maximum occupant load shall be posted in each dining and waiting area. CBC 1004.3
<input type="checkbox"/>	26. Exit access doors to swing in direction of travel when occupant load exceeds 49 occupants.

	CBC1008.1.2
<input type="checkbox"/>	27. Exit access doors to have: a. Panic hardware. CBC1008.1.10 b. Lever hardware, which retracts both locks with a single operation. CBC 1008.1.9.4 c. If exit access door has two leafs, only automatic flush bolt will be permitted. Lever containing flush bolt shall not have hardware unless it is the main entrance door and remains open during business hours. CBC 1008.1.9.3.3.
<input type="checkbox"/>	28. Only exit access doorways may open into rated exit enclosure. CBC 1022.3
<input type="checkbox"/>	29. Penetrations into exit enclosures are not permitted except for mechanical, electrical and sprinkler systems serving the exit enclosure. Specify smoke and fire dampers at duct penetrations through rated exit enclosure walls. Damper to be activated by smoke detector and installed per its listing. CBC 1022.4
<input type="checkbox"/>	30. Provide safety glazing in the following hazardous locations: Each pane to be etch-marked. CBC 2403.1
<input type="checkbox"/>	31. Provide construction details for membrane penetrations and through penetrations of: CBC 713 a. Fire rated walls where required by Chapter 7A openings are required to be protected b. Floor/ceiling assembly, roof/ceiling assembly c. Roof/ceiling assembly
<input type="checkbox"/>	32. Provide means of egress lighting with emergency power back-up supply. CBC 1006.3
<input type="checkbox"/>	33. Show location of exit signs when two exits are required. Specify an alternate power source. CBC1011.1 & 1011.5.3
<input type="checkbox"/>	34. Provide low level exit signs and exit path marking in corridors serving assembly occupancy and in hotels. Sign to be 6 to 8 inches above the floor and 4 inches from the door frame. CBC1011.6 & 1011.7
<input type="checkbox"/>	35. Separate toilet facilities shall be provided for each sex. Unisex sanitary facilities are permitted for occupancies with 10 or less occupants (calculated CPC Table A), and in business or mercantile occupancies with 1,500 sq.ft. or less. CPC 412.3
<input type="checkbox"/>	36. Verify that the number of plumbing fixtures provided complies with either UPC Table 4-1 Provide number of fixtures calculations on plan and specify which table was used for determining the number of fixtures
<input type="checkbox"/>	37. Specify finishes on bathroom walls and floors. Bathroom floors and walls to have hard, smooth, nonabsorbent finish to a height of 48" above floor.
<input type="checkbox"/>	38. Additional Comments:

	<u>TITLE 24 DISABLED ACCESS CORRECTION LIST</u>
	<u>SITE DEVELOPMENT & ACCESSIBLE ROUTE OF TRAVEL</u>
<input type="checkbox"/>	39. An amount equal to 20% of the remodel cost is to be spent for improvement of accessibility for the physically disabled. Provide documentation showing what items are being upgraded and the cost of these items. Provide plans and details of the improvements as needed. (CBC §1134B)
<input type="checkbox"/>	40. Show on site plan the accessible path of travel from parking to building entrance. Show all grade changes, ramps, etc.
<input type="checkbox"/>	41. Provide detectable warning strip 36" wide where a walk crosses or adjoins a vehicular way and the walking surface is not separated by curbs, railing or other approved elements at the following locations: (1133B.8.5).
<input type="checkbox"/>	42. Specify detectable warning product and submit evidence of State approval, or apply for Alternate Materials approval.
<input type="checkbox"/>	43. Write a note on drawings, "Contractor to provide a detectable warning product sample to the Building Inspector for approval of color contrast with finish surface."
<input type="checkbox"/>	44. Additional Comments:
	<u>ACCESSIBLE PARKING</u>
<input type="checkbox"/>	45. Provide disabled parking spaces as required by Table 11B-6 for parking lot/structure. (1129B.1)
<input type="checkbox"/>	46. Specify the total number of parking spaces and disabled parking spaces required by Table 11B-6.
<input type="checkbox"/>	47. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance (as near as practical to an accessible entrance). (1129B.1 & 1114B.1.2)
<input type="checkbox"/>	48. One in every eight accessible spaces, but not less than one, shall be served by an access aisle 96" wide minimum and shall be designated "van accessible". All such spaces may be grouped on one level of a parking structure. The words, "No parking" shall be painted within the loading area with 12" high letters located where it is visible to parking enforcement official.(1129B.3.2)
<input type="checkbox"/>	49. Accessible parking spaces shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own. (1129B.3.3)
<input type="checkbox"/>	50. Curb ramps shall not encroach into any parking space beyond the wheel stop. (1129B.3.3) See figures 11B-18A, B, C; 11B-20A, B, C, D, E.
<input type="checkbox"/>	51. Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of a profile view of a wheelchair with occupant in white on dark blue background. The sign shall not be smaller than 70 square inches in area and, when in a path of travel,

	shall be posted at a minimum height of 80" from the bottom of the sign to the parking space finished grade. (1129B.4, Fig11B-18A, B & C)
<input type="checkbox"/>	52. Signs to identify accessible parking spaces may also be centered on a wall at the interior end of the parking space at a minimum height of 36" from the parking space finished grade, ground or sidewalk. (1129B.4)
<input type="checkbox"/>	53. Van accessible parking spaces shall have an additional sign stating "Van Accessible" mounted below the symbol of accessibility. (1129B.4)
<input type="checkbox"/>	54. An additional sign shall also be posted, in a conspicuous place, at each entrance to off-street parking facilities, or immediately adjacent to and visible from each stall or space. The sign shall be not less than 17" by 22" in size with lettering not less than 1" in height, which clearly and conspicuously states the following: (1129B.4): "Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or special license plates issued for persons with disabilities will be towed away at owner's expense. Towed vehicles may be reclaimed by telephoning the Police Dept. (xxx) xxx-xxxx or by telephoning (xxx) xxx-xxxx. Blank spaces are to be filled in with appropriate information as a permanent part of the sign.
<input type="checkbox"/>	55. The surface of each accessible parking space or stall shall have a surface identification duplicating either of the following schemes: (1129B.4, Fig 11B-18A, B & C) a. By outlining or painting the stall or space in blue and outlining on the ground in the stall or space in white or suitable contrasting color a profile view depicting a wheelchair with occupant OR b. By outlining a profile view of a wheelchair with occupant in white on blue background. The profile view shall be located so that it is visible to a traffic enforcement officer when a vehicle is properly parked in the space and shall be 36" high by 36" wide.
<input type="checkbox"/>	56. Additional Comments:
	<u>RAMPS (EXTERIOR OR INTERIOR)</u>
<input type="checkbox"/>	57. a. The maximum slope of a ramp that serves any exit way, provides access for persons with disabilities, or is in the path of travel shall be 1" rise in 12" of horizontal run. (1133B.5.3) b. The width of ramps shall be as required for stairways and exits. (1133B.5.2, Fig 11B-38 & 39) c. Pedestrian ramps serving primary entrances to buildings having an occupant load of 300 or more shall have a minimum clear width of 60". (1133B.5.2) d. All other pedestrian ramps serving primary entrances shall be a minimum width of 48".(1133B.5.2)
<input type="checkbox"/>	58. a. Intermediate landings shall be provided at intervals not exceeding 30" of vertical rise and at each change of direction in excess of 30 degrees. (1133B.5.4.1, Fig 11B-38 & 39) b. Top landings shall be not less than 60" wide and shall have a length of not less than 60" in the direction of ramp run. (1133B.5.4.2, Fig 11B-38 & 39) c. Doors in any position shall not reduce the minimum dimension of the ramp landing to less

	<p>than 42" and shall not reduce the required width by more than 3" when fully open.(1133B.5.4.3, Fig 11B-39(b))</p> <p>d. The width of the landing shall extend 24" past the strike edge of any door or gate for exterior ramps and 18" past the strike edge for interior ramps. (1133B.5.4.4, Fig 11B-39(b))</p> <p>e. Intermediate landing at a change of direction in excess of 30 degrees and bottom landings shall have a dimension in the direction of ramp run of not less than 72" to accommodate the handrail extension. (1133B.5.4.6, Fig 11B-38)</p> <p>f. Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60". (1133B.5.4.7 Fig 11B-38)</p>
<input type="checkbox"/>	<p>59. a. Handrails are required on ramps that provide access if the ramp slope exceeds 1" rise in 20" of horizontal run, except that at exterior door landings, handrails are not required on ramps less than 6" rise or 72" in length. (1133B.5.5.1)</p> <p>b. Handrails shall be placed on each side of each ramp, shall be continuous the full length of the ramp, shall be 34" to 38" above the ramp surface, shall extend a minimum of 12" beyond the top and bottom of the ramp. The extension may be turned 90 degrees if it creates a hazard or returned smoothly to wall, floor, or post. (1133B.5.5.1 Fig 11B-27(b) &(c))</p> <p>c. The grip portion of handrails shall be not less than 1-1/4" nor more than 1 1/2" nominal diameter, or the shape shall provide an equivalent gripping surface, and all surfaces shall be smooth with no sharp corners. Handrails shall not rotate within their fittings.(1133B.5.5.1, Fig 11B-36)</p> <p>d. Handrail projecting from a wall shall have a space of 1 1/2" between the wall and the handrail. (1133B.5.5.1, Fig 11B-36)</p>
<input type="checkbox"/>	<p>60. a. Where the ramp surface is not bounded by a wall or fence and the ramp exceeds 10' in length, the ramp shall comply with one of the following requirements. (1133B.5.6, Fig 11B-27(b&c))</p> <p>b. A guide curb a minimum of 2" in height shall be provided at each side of the ramp:(1133B.5.6.1)</p> <p>c. A wheel guide rail shall be provided, centered 3" + 1" above the surface of the ramp.(1133B.5.6.2)</p>
<input type="checkbox"/>	61. Additional Comments:
	<u>ENTRANCES & EXITS</u>
<input type="checkbox"/>	62. Every required exit doorway, which is located within an accessible path of travel, shall be of a size as to permit the installation of a door not less than 3' in width and not less than 6'-8" in height.(1133B.1.1.1.1)
<input type="checkbox"/>	63. The space between two consecutive door openings in a vestibule shall provide a minimum of 48" plus the door width when the door is positioned at an angle of 90 degrees from its closed position. Doors in a series shall swing either in the same direction or away from the space between the doors. See Figures 11B-30 & 31 for strike edge clearance. (1133B.2.4.4)
<input type="checkbox"/>	64. Additional Comments:
	<u>DOORS</u>
<input type="checkbox"/>	65. Latching and locking doors that are hand activated and which are in a path of travel shall be operable with a single effort by lever type hardware, by panic bars, push-pull activating bars, or other hardware designed to provide passage without requiring the ability to grasp the

	opening hardware. (1133B.2.5.2)
<input type="checkbox"/>	66. a. When installed, exit doors shall be capable of opening so that the clear width of the exit is not less than 32". (1133B.1.1.1.1, Fig 11B-5B & 11B-33) b. Where a pair of doors is utilized, at least one of the doors shall provide a clear, unobstructed opening width of 32" with the leaf positioned at an angle of 90 degrees from its closed position. (1133B.2.3.1)
<input type="checkbox"/>	67. There shall be a level and clear floor or landing on each side of a door. The level area shall have a length in the direction of door swing of at least 60" and the length opposite the direction of door swing of 48" as measured at right angles to the plane of the door in the closed position.(1133B.2.4.2, Fig 11B-26)
<input type="checkbox"/>	68. The width of the level area on the side to which the door swings shall extend 24" past the strike edge of the door for exterior doors and 18" past the strike edge for interior doors. Doors recessed 8" or more require this clearance within the recessed area adjacent to the door. (1133B.2.4.3, Fig 11B-26(a))
<input type="checkbox"/>	69. Provide clear space of 12" past strike edge of the door on the opposite side to which the door swings if the door is equipped with both a latch and a closer. (Fig. 11B-26(a))
<input type="checkbox"/>	70. The floor or landing shall be not more than 1/2" lower than the threshold of the doorway.(1133B.2.4.1)
<input type="checkbox"/>	71. The bottom 10" of all doors except automatic and sliding shall have a smooth, uninterrupted surface to allow the door to be opened to a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10" high smooth panel shall be installed on the push side of the door, which will allow the door be installed on the push side of the door, which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. (1133B.2.6, Fig 11B-29)
<input type="checkbox"/>	72. Maximum effort to operate exterior or interior doors with closers shall not exceed five pounds. This may be increased to 15 pounds for fire-rated doors.
<input type="checkbox"/>	73. Additional Comments:
	<u>STAIRWAYS</u>
<input type="checkbox"/>	74. Handrails shall extend a minimum of 12" beyond the top nosing and 12" plus the tread width beyond the bottom nosing and ends shall be returned or terminate in newel posts or safety terminals.(1133B.4.2.2, Fig 11B-35 & 37)
<input type="checkbox"/>	75. The orientation of at least one handrail shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing, and shall not reduce the minimum required width of the stairs. (1133B.4.2.4, Fig 11B-37)
<input type="checkbox"/>	76. The handgrip portion of handrails shall be not less than 1-1/4" nor more than 1-1/2" in cross sectional nominal dimension or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top and sides) shall be uninterrupted by newel posts, other construction elements, or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or

	abrasive elements. Edges shall have a minimum radius of 1/8. (1133B.4.2.6, Fig 11B-36)
<input type="checkbox"/>	77. The upper approach and the lower tread of each stair shall be marked by a strip of clearly contrasting color at least 2" wide and not more than 4" wide placed parallel to and not more than 1" from the nose of the step or landing to alert the visually impaired. The strip shall be of material that is at least as slip resistant as the other treads of the stair. (1133B.4.4, Fig 11B-35)
<input type="checkbox"/>	78. Where stairways occur outside a building, the upper approach and all treads shall be marked by a strip of clearly contrasting color at least 2" wide and not more than 4" wide placed parallel to and not more than 1" from the nose of the step or landing to alert the visually impaired. The strip shall be of a material that is at least as slip-resistant as the other treads of the stair. A painted strip shall be acceptable. (1133B.4.4, Fig 11B-35)
<input type="checkbox"/>	79. Nosing: The radius of curvature at the leading edge of the tread shall be no greater than 1/2". Beveling of nosing shall not exceed 1/2". (1133B.4.5.3)
<input type="checkbox"/>	80. Open risers are not permitted. (1133B.4.5.3)
<input type="checkbox"/>	81. Additional Comments:
	<u>FIXED OR BUILT-IN SEATING, TABLES & COUNTERS</u>
<input type="checkbox"/>	82. Where fixed or built-in seating, tables, or counters are provided for the public, and in general employee areas, 5% but never less than 1 must be accessible, as required in Section 1122B.(1122B.1)
<input type="checkbox"/>	83. If seating spaces for people in wheelchair are provided at fixed tables or counters, clear floor space complying with Section 118B.4 shall be provided. Such clear floor space shall not overlap knee space by more than 19". (1122B.2, Fig 11B-13)
<input type="checkbox"/>	84. If seating for people in wheelchairs is provided at fixed tables or counters, knee spaces at least 27" high, 30" wide, and 19" deep shall be provided. (1122B.3, Fig 11B-13)
<input type="checkbox"/>	85. The tops of tables and counters shall be 28" to 34" from the floor or ground. (1122B.4)
<input type="checkbox"/>	86. Where a single counter contains more than one transaction station, such as a bank counter with multiple teller windows or a retail sales counter with multiple cash register stations, at least 5%, but never less than 1, of each type of station shall be located at a section of counter that is at least 36" long and no more than 28" to 34" high. (1122B.4)
<input type="checkbox"/>	87. Additional Comments:
	<u>SIGNS & IDENTIFICATION</u>
<input type="checkbox"/>	88. All building entrances that are accessible to and usable by persons with disabilities and at every major junction along or leading to an accessible route of travel shall be identified with a sign displaying the International Symbol of Accessibility, and with additional directional signs, as required, to be visible to persons along approaching pedestrian ways. (1117B.5.8.1.2 & 1127B.3)
<input type="checkbox"/>	89. When signs identify permanent rooms and spaces of a building or site, they shall comply with

	CBC1117B.5.2; 1117B.5.3; 1117B.5.5; 1117B.5.6; 1117B.5.7.
<input type="checkbox"/>	90. Additional Comments:
	<u>NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED</u>
<input type="checkbox"/>	91. Visual warning devices for the hearing impaired are required to be installed (added) within the suite per T-24 requirements under one of the following conditions: (907.5.2.1 and 907.5.2.3) a. Building is equipped with visual warning devices. b. Existing fire alarm panel can support visual warning devices for the entire building. c. The fire alarm panel is being upgraded to support visual warning devices for the entire building. d. The occupancy group is changing.
<input type="checkbox"/>	92. Approved notification appliances for the hearing impaired shall be installed in accordance with the provisions of NFPA 72 in the following areas: (1114B.1.1 and 907.5.2.3.1) a. Sanitary facilities, including restrooms, bathrooms and shower rooms. b. Corridors c. Music practice rooms d. Band rooms e. Gymnasiums f. Multipurpose rooms g. Occupational shops h. Occupied rooms where ambient noise impairs hearing of the fire alarm i. Lobbies j. Meeting rooms k. Classrooms
<input type="checkbox"/>	93. Additional Comments:
	<u>ASSEMBLY OCCUPANCIES</u>
<input type="checkbox"/>	94. Provide _____ seats/spaces for people using wheelchairs. (1104B.3, Table 11B-1)
<input type="checkbox"/>	95. Additional Comments:
	<u>DINING, BANQUET & BAR FACILITIES</u>
<input type="checkbox"/>	96. Wheelchair access shall be provided in all areas where a different type of functional activity occurs. Provide wheelchair access to _____. (1104B.5.3)
<input type="checkbox"/>	97. Provide _____ seats/spaces for people using wheelchairs (at least one space for each 20 seats, with at least one space per functional area) integrated with general seating to avoid having one area specifically highlighted as the area for person with disabilities. (1104B.5.4)
<input type="checkbox"/>	98. Access to disabled seating shall be provided with main aisles not less than 36" in clear width.(1104B.5.4)
<input type="checkbox"/>	99. Food service aisles shall be a minimum of 36" in clear width with a preferred width of 42" where passage of stopped wheelchairs by pedestrians is desired. Tray slides shall be mounted no higher than 34" above the floor. If self-service shelves are provided, a reasonable portion must be within the ranges shown in Fig. 11B-16. (1104B.5.5)

<input type="checkbox"/>	100.Additional Comments:
	<u>SALES FACILITIES</u>
<input type="checkbox"/>	101.Employees' workstations shall be located on accessible levels and shall be sized and arranged to provide access to employees in wheelchairs. (1110B.1.2)
<input type="checkbox"/>	102.The customer side of sales and checkout stations shall be accessible. (1110B.1.2)
<input type="checkbox"/>	103.Where fitting or dressing rooms are provided for male or female customers, patients, employees, or the general public, 5 percent, but never less than one, of dressing rooms for each type of use in each cluster of dressing rooms shall be accessible by providing the following: (1117B.8) <ul style="list-style-type: none"> a. Entry doors conforming to the requirements of Section 1133B.2 and aisles leading to such doors conforming to Section 1133B.6.1 & 1133B.6.2. b. Full-length mirrors at least 18" wide by 54" high, the bottom of which is no higher than 20" from the floor, and mounted in a position affording a view to a person on the bench as well as to a person in a standing position. c. Clothing hooks located no higher than 48" from the floor. d. A 24" by 48" bench mounted to the wall along the longer dimension of the room 17" to 19" above the floor with a clear space along side the bench to allow a person using a wheelchair to make a parallel transfer onto the bench. The structural strength of the bench and attachments shall comply with Section 1115B.8.
<input type="checkbox"/>	104.Additional Comments:
	<u>SANITARY FACILITIES (GENERAL)</u>
<input type="checkbox"/>	105.Doorways leading to men's sanitary facilities shall be identified by an equilateral triangle 1/4" thick with edges 12" long and a vertex pointing upward. Women's sanitary facilities shall be identified by a circle 1/4" thick and 12" in diameter. (1115B.6)
<input type="checkbox"/>	106.Unisex sanitary facilities shall be identified by a circle 1/4" thick, 12" in diameter, with a 1/4" thick triangle super imposed on the circle and within the 12" diameter. (1115B.6)
<input type="checkbox"/>	107.Geometric (circle & triangle) symbols on sanitary facility doors shall be centered on the door at a height of 60" and their color and contrast shall be distinctly different from the color and contrast of the door. (1115B.6) <p><u>NOTE:</u> See also Section 1117B.5.1 for additional wall-mounted signage requirements applicable to sanitary facilities.</p>
<input type="checkbox"/>	108.Additional Comments:
	<u>DOCUMENTATION OF UNREASONABLE HARDSHIP</u>
<input type="checkbox"/>	109.Provide documentation of unreasonable hardship for providing full compliance for .
	<u>ELECTRICAL</u>
<input type="checkbox"/>	110.All plans and electrical calculations are to be designed by a licensed professional; provide

	wet stamp with signature and expiration date, or provide signature of licensed design building electrical contractor.
<input type="checkbox"/>	111.Add note to electrical plans, "All work to comply with 2010 Calif. Electric Code."
<input type="checkbox"/>	112.Provide single line diagram; show electrical panel load schedules, conduit and conductor sizes and ground electrode detail.
<input type="checkbox"/>	113.Electrical panel load schedules are to show the following: Number of fixtures on each circuit; Load at 180 watts per general use receptacle or U.L. nameplate rating; total wattage per each phase balanced; long continuous loads [LCL] calculations to be shown at 125%.
<input type="checkbox"/>	114.Electrical panel load schedules that reference "Spare" or "Existing" loads require clarification.
<input type="checkbox"/>	115.Show grounding electrode system for all electrical service equipment / transformers / panels.
<input type="checkbox"/>	116.Show all required clearances in front of electrical services / panels / equipment.
<input type="checkbox"/>	117.Show all overcurrent devices; provide A.I.C. rating; series combination equipment will require listing information.
<input type="checkbox"/>	118.Electrical circuitry diagrams are to be accurate; provide numbers next to each circuit on plans.
<input type="checkbox"/>	119.Provide rated electrical disconnect switch at water heaters or lock-out device at circuit breakers.
<input type="checkbox"/>	120.Provide engineer's calculations for support of elevated transformers.
<input type="checkbox"/>	121.Show maximum overcurrent protection on primary and secondary side of transformers.
<input type="checkbox"/>	122.Show maximum distance (25 feet) from transformer to secondary overcurrent protection.
<input type="checkbox"/>	123.Provide information on type, size and location of transformers, with required clearances.
<input type="checkbox"/>	124.Provide light fixture schedule, show manufacture specifications, lamp wattage and total fixture wattage.
<input type="checkbox"/>	125.Provide electrical Title 24 and 2010 Calif. Energy Efficiency Standards. All required compliance forms and mandatory measures are to be on the plans; LTG-1-C is required to be on the plans, (LTG-2C, LTG-3C, LTG-4C, LTG-5C, LTG-6C, OLTG-11, OLT6-2C, SLTG-K when applicable).
<input type="checkbox"/>	126.Unfused service entrance conductors extending horizontally into the building are not approved unless encased in minimum 2 inches of concrete.
<input type="checkbox"/>	127.Add note to plans, "All equipment to be U.L. listed or equivalent."

<input type="checkbox"/>	128. Add note to plans: "Use of general anesthesia in critical care areas which patients are subjected to invasive procedures and are connected to line operated, electro-medical devices will require an emergency power source, which requires a separate submittal and building permit."
<input type="checkbox"/>	129. Comply with Article 517: All branch circuits serving patient care areas / exam rooms shall be provide with an effective ground-fault current path by installation in a metal raceway system or cable assembly, which shall itself qualify as an equipment grounding conductor in accordance with Section 250.118. Type AC, MC and MI cable shall have an outer metal armor or sheath that is identified as an acceptable grounding return path.
<input type="checkbox"/>	130. Plans are incomplete, additional corrections may follow.
<input type="checkbox"/>	131. Additional comments.
	<u>MECHANICAL</u>
<input type="checkbox"/>	132. Add note to mechanical plans, "All work to comply with 2010 California Mechanical Code."
<input type="checkbox"/>	133. All plans and mechanical calculations are to be designed by a licensed professional. Provide wet stamp with signature and expiration date or provide signature of licensed design building mechanical contractor.
<input type="checkbox"/>	134. Identify fire-rated corridors, walls, ceilings and floor assemblies on the mechanical plans to verify appropriate provisions for the fire penetration protection.
<input type="checkbox"/>	135. Show all fire dampers / fire smoke dampers and listings on plans.
<input type="checkbox"/>	136. Show auto-shutoffs in systems with excess of 2000 cfm and smoke detectors in the system.
<input type="checkbox"/>	137. Show complete distribution system of the plans. Show all size and type of ducts and sheet metal thickness and insulation materials used.
<input type="checkbox"/>	138. Show seismic restraint for HVAC systems on plans.
<input type="checkbox"/>	139. Provide return and supply registers in all office spaces.
<input type="checkbox"/>	140. Show all location of HVAC equipment on plans.
<input type="checkbox"/>	141. Show roof access to HVAC equipment on roof.
<input type="checkbox"/>	142. Show location of fan coil and condensers on plans.
<input type="checkbox"/>	143. Provide combustion air requirements and sizes for equipment located in confined spaces or spaces where infiltration does not provide the necessary air, outdoor air shall be provided, indicate on the plans.

<input type="checkbox"/>	144. Provide mechanical equipment schedule identifying the equipment manufacturer and model numbers with specifications.
<input type="checkbox"/>	145. Provide mechanical Title 24, 2010 Calif. Energy Efficiency Standards, all required compliance forms and mandatory measures are to be on the plans; MECH-1C, is required to be on the plans (MECH-2C, MECH-3C, MECH-4C when applicable).
<input type="checkbox"/>	146. Specify classification of product conveying ducts per 2007 California Mechanical Code.
<input type="checkbox"/>	147. Specify make-up air source for exhaust system(s).
<input type="checkbox"/>	148. All exhausts including dryer, cooking hood and toilet exhausts must be shown on plans. Clothes dryer vents exceeding 14 feet are to be engineered.
<input type="checkbox"/>	149. Type of cooking equipment should be clearly identified with clearance to combustibles details and compliance with manufactures requirements.
<input type="checkbox"/>	150. Provide calculations on Type I hood(s) and duct(s) rate of air flow including, velocities and correct CFM.
<input type="checkbox"/>	151. Provide note on plans Type I, "Hood requires air balance report for final inspection."
<input type="checkbox"/>	152. Provide manufacturers listing on approved Type I hood fire-resistive duct wrap / minimum 2-layer system required.
<input type="checkbox"/>	153. Roof details will be required for exhaust system / show location and dimensions of all terminations.
<input type="checkbox"/>	154. Boilers over 400,000 Btu will require a one-hour fire rated room or automatic fire-extinguishing system.
<input type="checkbox"/>	155. Hot water boilers must have required expansion tanks.
<input type="checkbox"/>	156. Boilers will require temp./press. discharge piping to terminate at exterior grade, floor sink, or dedicated roof top receptor.
<input type="checkbox"/>	157. Show gas piping / pipe sizes and equipment; CFH requirements and total developed length of gas piping including branches per Table 12-8 through 12-41 of 2010 CPC.
<input type="checkbox"/>	158. Plans are incomplete, additional corrections may follow.
<input type="checkbox"/>	159. Additional comments.
	<u>PLUMBING</u>
<input type="checkbox"/>	160. Add note to plumbing plans, "All work to comply with 2010 California Plumbing Code."
<input type="checkbox"/>	161. All plans and plumbing calculations are to be designed by a licensed professional. Provide

	wet stamp with signature and expiration date or provide signature of licensed design build plumbing contractor.
<input type="checkbox"/>	162. Provide complete drain and vent system drawings / riser diagrams.
<input type="checkbox"/>	163. Show intended size of all sewer / waste lines / vents.
<input type="checkbox"/>	164. Show size of all water supply lines / provide calculations CPC 610.4 and Appendix "A" CPC.
<input type="checkbox"/>	165. Show type and location of all backflow protection.
<input type="checkbox"/>	166. Show size and type of material for proposed roof drain system. Rainwater systems are to be sized per 2010 CPC Table 11-1 and 11-2 at 4" rainfall per hour.
<input type="checkbox"/>	167. Show gas piping / pipe sizes and equipment, CFH requirements and total developed length of gas piping including branches per Table 12, per 2007 CPC.
<input type="checkbox"/>	168. Gas regulators must be vented to the outside / show detail on plans.
<input type="checkbox"/>	169. Show location and type of water heater / boiler.
<input type="checkbox"/>	170. Provide water heater venting detail and temperature pressure piping discharge location and exterior grade or floor sink. Safety pan to discharge to exterior observable location.
<input type="checkbox"/>	171. Provide expansion tank for hot water / water heater system.
<input type="checkbox"/>	172. Provide seismic restraint detail for water heater / boiler.
<input type="checkbox"/>	173. Provide approved permanent access to water heater / boiler.
<input type="checkbox"/>	174. Note combustion air requirements for gas fired water heater / boiler.
<input type="checkbox"/>	175. Show location and size of all sanitary waste cleanouts.
<input type="checkbox"/>	176. Note on plans that all waste lines to be minimum 2% slope.
<input type="checkbox"/>	177. Show detail of hydro-mechanical interceptor (grease trap), clarifier or grease interceptor on the plans.
<input type="checkbox"/>	178. Show location of required flow control and venting for hydro-mechanical interceptor (grease trap).
<input type="checkbox"/>	179. This project is required to have a hydro-mechanical interceptor (grease trap)/grease interceptor. Show all grease waste piping on the plans.
<input type="checkbox"/>	180. Size grease interceptor per Table 10-3, 2010 California Plumbing Code, (500 gallon or more).
<input type="checkbox"/>	181. Hydro-mechanical interceptor (grease trap) requires vented flow control at inlet of grease trap

	and at the tailpiece of 2 or 3 compartment sink to restrict flow.
<input type="checkbox"/>	182. Hydro-mechanical interceptors (grease traps) will require the use of a supplemental sediment trap to be installed between designated plumbing fixtures (2 or 3 compartment sinks and pre-rinse sinks) prior to discharging to the hydro-mechanical interceptor (grease trap).
<input type="checkbox"/>	183. Show all pre-rinse sinks, floor drains, mop sinks, two or three compartment sinks in food preparation area to be connected to grease interceptor / hydro-mechanical interceptor (grease trap).
<input type="checkbox"/>	184. No food waste disposal unit or dishwashers are allowed to discharge through a hydromechanical interceptor (grease trap) or grease interceptor.
<input type="checkbox"/>	185. Note type of fire penetration protection for rated fire wall/floor/ceiling assemblies.
<input type="checkbox"/>	186. Fire Department approval will be required for any fuel storage tank and piping, L.P.G., L.N.G. systems and medical gas piping.
<input type="checkbox"/>	187. Primary condensate piping to terminate at tailpiece of lavatory/sink in the unit it serves, floor sink or dedicated roof top receptor.
<input type="checkbox"/>	188. Secondary condensate piping to terminate at exterior observable location, interior over lavatory/sink or use listed wet/float switch.
<input type="checkbox"/>	189. Add note to plans. Medical gas piping installation requires continuous third party inspection and certification by an approved inspection agency, certification documentation is to be submitted to building and safety prior to final inspection.
<input type="checkbox"/>	190. Provide required ventilation calculations for medical gas storage area per NFPA 99.
<input type="checkbox"/>	191. Plans are incomplete, additional corrections may follow.
<input type="checkbox"/>	192. Additional comments.

If you have any questions regarding this plan review, I can be contacted at (530) 745-3010. I am available between the hours of 8:00AM to 9:00AM and from 3:00PM to 4:30PM. If you would like an appointment outside of the noted time lines please call and schedule one.