PLAN CHECK:

DATE:



BUILDING & SAFETY DIVISION

CITY OF BURBANK

COMMERCIAL-MIXED USE PLAN CHECK CORRECTION LIST

BEFORE APPROVAL FOR CODE COMPLIANCE OR ISSUANCE OF A BUILDING PERMIT, THE PLANS AND APPLICATION FOR THIS CONSTRUCTION REQUIRE THE INFORMATION, REVISIONS, AND CORRECTIONS INDICATED BELOW. THE APPROVAL OF PLANS AND SPECIFICATIONS DOES NOT PERMIT THE VIOLATION OF ANY SECTION OF THE BUILDING CODE, OTHER ORDINANCES, OR STATE LAWS.

BUILDING ADDRESS:

PROJECT TYPE:

OCCUPANCY:

PHONE:

TYPE OF CONSTRUCTION:

PLAN CHECK ENGINEER:

EMAIL:

VALUATION:

USE OF STRUCTURE:

Building permit application expires on:

(Building Permit Plan Check Application will expire 180 days after the date of plan check fee receipt.) It is the responsibility of the Applicant/ Owner to request a Plan Check Extension in writing prior to the expiration date.

CONTACT:	PHONE:	EMAIL:
CORRECTION	CORRECTION:	CORRECTION:
The following	are items that remain to be corrected:	
Corrections on Sheet #	Required	
Α.	PLAN RECHECK:	
	 Provide updated correction drawings, uploaded to P Sets must be complete. Upload each sheet of the drawing See the marked-up set of plans for additional corrections conditions. Revised plans and calculations shall incorporate or addr original checked set of plans, calculations, and this plan response to each comment and show where and how it number and detail or reference note on the revised plans spent searching for the corrected items on the revised plans and approval process. Itemize any changes, revisions, or additions made to dra correction on a separate sheet. 	ProjectDox for electronic review. Ings as an individual file. Is. Red marks apply to all similar ress all comments marked on the review checklist. Provide a written has been addressed. Identify the sheet s where the corrections are made. Time lans or calculations will delay the review awings that are not a direct answer to a
	All plans and calculations shall be stamped and wet signed by an architect or engineer licensed by the State of Californ	(or electronically stamped and signed) ia. (BP 5537, 6735)
	☐ Plans are illegible and/or prints are too light/dark. Provide c	lear and legible plans for review.
	Submitted plans and related documents are not complete plans are not complete plans.	ete. Additional reviewing time may be plans for review.
В.	ADDITIONAL FEES:	
	Significant changes to the original scope of work will require Valuation. Valuation is raised to: \$	e a modification to the Construction
	 Excessive number of resubmittals. Additional Plan Check fee will be required <u>after the third rev</u> 	<u>view</u> on an hourly rate basis.
	The permit application is nearing the expiration date. Subm form prior to the expiration date.	it the Plan Check Extension Request
	The permit application has passed the expiration date and i plan check, submit the Plan Check Reinstatement Request	s considered cancelled. To reinstate the form

С.	DE	PARTMENTAL CLEARANCES ():
		ALL CLEARANCE SIGN-OFFS ARE TO BE PROVIDED THROUGH PROJECTDOX: Upon Plan
		Check completion and approval, the Plan Check Engineer will verify that all departments have
		will be required to print out 1 set to provide for General Contractor
		BWP/ Water Division
		164 W. Magnolia Boulevard
		BWP/ Electrical Division
		164 W. Magnolia Boulevard
		311 E. Orange Grove Avenue
		Public Works Dept.
		150 N Third Street
		Planning Division
		School Board (Provide electronic conv of School Board receipt)
		510 S. Shelton Street - BUSDDeveloperFees@BurbankUSD.org
		Submit, via email, attached Project Information Sheet and Building Permit Application
		Parks & Recreation
		150 N Third Street
		South Coast Air Quality Management District (obtain approval).
D.	AF	PLICATION:
		A separate permit is required for grading and shoring and/or demolition, swimming pool, accessory building, retaining walls, CMU walls, detached accessory structures etc.
		New architect or engineer of record.
		Provide an 8-1/2"x11" reduced copy of the Site Plan. (One copy required)
		Deferred Submittals for any element of a single-family dwelling, except fire sprinklers & roof truss,
		shall not be allowed. All building elements shall be submitted and reviewed as a part of the plan
		review process prior to any permit issuance. Remove any reference to deferred submittals from
		SCAOND Rule 1403 requires the contractor to file a Demolition Notification with the SCAOND 10
		days prior to issuance of a Demolition Permit.
Ε.	202	22 CALIFORNIA BUILDING CODE COMPLIANCE:
		Specify correct address and suite number on plans and on application.
		Provide a code analysis stating:
	•	Provide complete and correct legal description (i.e., Tract, Lot, Block, APN, metes, and
		bounds, etc.).
		Special Detailed Requirements
		Duilding height(s)
		Building areas (both existing and proposed)
		Invinible of parking spaces Fire enrichters installed or not. (CBC 002)
		Derivide number of exits (CBC 1006.1, Table 1006.2.1, Table 1006.3.3 and Table 1006.3.4(1))
		Show location of exit signs, to comply with CBC 1013
		Exit access travel distance must be in compliance with CBC Table 1017.2

F.	SIT	E REVIEW:
		On site plan, dimension distances from building(s) to all property lines, street center lines, and
		adjacent existing or proposed structures on the site.
		or development restricted areas.
		Show the size, use, occupancy, and type of construction of all existing buildings on the site.
		Identify "Grade Plane" elevation for this project. Show the grade plane reference datum on all
		elevation and section drawings.
		Assumed grade plan is incorrect. Calculate grade plane per CBC Section 202.
		Clearly show the max, height of the building as defined in CBC 503.1
		Un site plan, cleany delineate any ironage used to justify allowable area increases per CBC 500.5
		accordance with Section 506.3.1 through 506.3.3. (CBC 506.3)
		Note on plans: "Frontage used for allowable area increases per CBC 506.3 shall be permanently
		maintained".
		BUILDING BLOCKS
		Section 11B-303 Changes of Level. (CBC 11B-303.1)
		Show on the site plan a guardrail or barrier that complies with the following. Provide a guardrail or
		vertical clearance above the circulation path is reduced to less than 80 inches (CBC 11B-307.4)
		Provide dimensions to ensure the objects indicated on the plans do not protrude into the accessible
		route clear width or more than 4 inches horizontally into the circulation path. (CBC 11B-307.2)
	_	TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTES
		On the site plan, show and define the required accessible path of travel: Running slope of Walking surfaces shall not be steeper than 1:20, cross slope of walking surface shall not be steeper than
		1:48, 36 in minimum width walkway. (CBC 11B-403.3 & CBC 11B-403.5)
		Delineate all walking surfaces and dimension the required widths. (CBC 11B-403.5)
		ACCESSIBLE ROUTES
		Show on the site plan accessible routes that comply with the following. At least one accessible
		route shall be provided within the site from accessible parking spaces and accessible passenger loading zones: public streets and sidewalks: and public transportation stops to the accessible
		building or facility entrance they serve. Where more than one route is provided, all routes must be
		accessible. (CBC 11B-206.2.1)
		Show on the site plan at least one accessible route that complies with the following. At least one
		accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. (CBC 11B-206.2.2)
		Show on the floor/site plan accessible means of vertical access and dimensions that comply with
		the following:
		1. In newly construction of buildings where elevators are required by Section 11B-206.2.3, and which exceed 10 000 square feet on any floor, an accessible means of vertical
		access via ramp, elevator, or lift shall be provided within 200 feet of travel of each stair
		and each escalator.
		2. In existing buildings which exceed 10,000 square feet on any floor and in which elevators
		are required by 11B-206.2.3, whenever a newly construction means of vertical access is provided via stairs or an escalator, an accessible means of vertical access via ramp
		elevator or lift shall be provided within 200 feet of travel of each new stair or escalator.
		(CBC 11B-206.2.3.2)
		Show on the floor/site plans at least one accessible route that complies with the following. At least
		spaces and elements within the building or facility, including mezzanines, which are otherwise
		connected by a circulation path. (CBC 11B-206.2.4)
		Show on the floor/site plan accessible routes and circulation paths that comply with the following.
		Accessible routes shall coincide with or be located in the same area as general circulation paths.
		route shall not pass through kitchens, storage rooms, restrooms, closets, or other spaces used for
		similar purposes, except as permitted by Chapter 10. (CBC 11B-206.3)

DE	TECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE
Sho	w and detail all required detectable warnings on the plans to demonstrate compliance with the
 sele	ected items below. (CBC 11B-247 & CBC 11B-705)
Cur	b ramps shall have detectable warnings that extend 36 inches in the direction of travel for the
full	width of the ramp run less than 2 inches maximum on each side, excluding any flared sides.
	DE DAMES, DI ENDER TRANSITIONS, AND ISI ANDS
	RB RAMPS, BLENDED TRANSITIONS, AND ISLANDS
⊢or	curb ramps/blended transitions/islands, please comply with the following:
	 Perpendicular ramp runs shall have a running slope not steeper than 1:12. (CBC 11B- 406.2.1)
	 For perpendicular ramps, where provided, curb ramp flares shall not be steeper than 1:10. (CBC 11B-406.2.2)
	3. The running slope of the curb ramp segments shall be in-line with the direction of
	sidewalk travel. Ramp runs shall have a running slope not steeper than 1:12. (CBC 11B-
	406.3.1)
	4. A turning space 48 inches minimum by 48 inches minimum shall be provided at the
	bottom of the curb ramp. The slope of the turning space in all directions shall be 1:48
	5 Blended transition ramps hall have a running slope not steeper than 1:20 (CBC 11B-
	406.4.1)
	6. Curb ramps and the flared sides of curb ramps shall be located so that they do not project
	into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at
	marked crossings shall be wholly contained within the markings, excluding any flared
	Sides. (CBC 11B-406.5.1)
	turning spaces shall be 48 inches minimum. (CBC 11B-406.5.2)
	8. Landings shall be provided at the tops of curb ramps and blended transitions. The landing
	clear length shall be 48 inches minimum. The landing clear width shall be at least as wide
	as the curb ramp, excluding any flared sides, or the blended transition leading to the
	landing. The slope of the landing in all directions shall be 1:48 maximum. (CBC 11B-
	406.5.3)
	9. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs.
	and turning spaces. Surface slopes that meet at grade breaks shall be flush (CBC 11B-
	406.5.6)
	10. The cross slope of curb ramps and blended transitions shall be 1:48 maximum. (CBC
	11B-406.5.7)
	11. Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within
	24 inches of the curb ramp shall not be steeper than 1:20. The adjacent surfaces at
	transitions at curb ramps to walks, gutters, and streets shall be at the same level. (CBC
	11 D-400.3. 8)
	active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings
	shall provide the 48 inches minimum clear space within the markings (CBC 11B-406.5.9)
	13. Curb ramps and blended transitions shall have detectable warnings complying with 11B-
	705 Detectable Warnings. (CBC 11B-406.5.12)
	14. Raised islands in crossings shall be cut through level with the street or have curb ramps
	at both sides. The clear width of the accessible route at islands shall be 60 inches wide
	minimum. Where curb ramps are provided, they shall comply with 11B-406 Curb Ramps,
	Biended Transitions, and Islands. Landings complying with 11B-406.5.3 and the
	accessible route shall be permitted to overlap. Islands shall have detectable Warnings
	11B-406.6. Figure 11B-406.6)

	RA	MPS
	Pro cros	vide enlarged ramp details, including finish floor elevation at each landing, clear width, slope, ss-slope, top and bottom landing dimensions, handrails, handrail extensions, etc. complying with
		1. Ramp runs shall not exceed a running slope of 1:12 and cross slopes of ramp runs shall
		not be steeper than 1:48. (CBC 11B-405.2 & CBC 11B-405.3)
		 Floor or ground surfaces of ramp runs shall comply with 11B-302 Floor or Ground Surfaces. Changes in level other than the running slope and cross slope are not permitted on ramp runs. (CBC 11B-405 4)
		3 The clear width of a ramp run shall be 48 inches minimum (CBC 11B-405 5)
		4. The rise for any ramp run shall be 20 inches maximum (CBC 11B-405.5)
		4. The fise for any ramp run shall be 50 inches maximum. (CBC 11B-405.6)
		5. Ramps shall have landings at the top and the bottom of each ramp run. (CBC 11B-405.7)
		 Landings shall comply with 11B-302 Floor or Ground Surfaces. Changes in level are not permitted. (CBC 11B-405.7.1)
		 The landing clear width shall be at least as wide as the widest ramp run leading to the landing. (CBC 11B-405.7.2)
		 Top landings shall be 60 inches wide and 60 inches long, minimum. (CBC 11B-405.7.2.1 & CBC 11B-405.7.3)
		 Bottom landings shall extend 72 inches minimum in the direction of ramp run. (CBC 11B- 405.7.3.1)
		10.Ramps that change direction between runs at landings shall have a clear landing 60 inches minimum by 72 inches minimum in the direction of downward travel from the upper ramp run. (CBC 11B-405.7.4)
		11. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by 11B-404.2.4 and 11B-404.3.2 shall be permitted to overlap the required
		landing area. Doors, when fully open, shall not reduce the required ramp landing width by
		more than 3 inches. Doors, in any position, shall not reduce the minimum dimension of
		the ramp landing to less than 42 inches. (CBC 11B-405.7.5)
		12.Ramp runs shall have compliant handrails per 11B-505 Handrails. (CBC 11B-405.8)
		13.Edge protection complying with 11B-405.9.2 Curb or Barrier shall be provided on each side of ramp runs and at each side of ramp landings. (CBC 11B-405.9 (See exceptions))
		14.A curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere,
		where any portion of the sphere is within 4 inches of the finish floor or ground surface. To
		prevent wheel entrapment, the curb or barrier shall provide a continuous and
		IRANCES
	Sho	bw and specify the required primary building entry. (CBC 11B-206.4)
	buil	the new building proposed, detail compliance at all entrances and exterior ground-floor exits to dings and facilities shall comply with 11B-404 Doors, Doorways, and Gates. (CBC 11B-206.4.1)
	Sho	ow and specify primary entry door and door(s) along path of travel, including door size(s), dware, landings, thresholds, kickplates, pressure, etc. (CBC 11B-206.5)
	PA	RKING SPACES
	Wh kind	ere parking spaces are provided, accessible parking spaces shall be provided in number and d required per Section 11B-208 Parking Spaces. Show and detail all required disabled access
	Stal	is, including dimensions, markings, signage, clear neight, etc. (CBC 11B-208)
	nun	ober of parking spaces required to be accessible is to be calculated separately for each parking
	faci	lity: the required number is not based on the total number of parking spaces provided in all of
	the	parking facilities provided on site. (CBC 11B-208.2)
	Ter	percent of patient and visitor parking spaces provided to serve hospital outpatient facilities, and
	free 11E	e-standing buildings providing outpatient clinical services of a hospital, shall comply with Section B-502 Parking Spaces. (CBC 11B- 208.2.1)
	Twe	enty percent of patient and visitor parking spaces provided to serve rehabilitation facilities
	spe	cializing in treating conditions that affect mobility and outpatient physical therapy facilities shall
	con	nply with Section 11B-502 Parking Spaces. (CBC 11B-208.2.2)
	One	e in every six or fraction of six parking spaces required by Section 11B-208.2 Minimum Number,
	con	notices than one, shall comply with section 110-302, at least one shall be a vali parking space applying with Section 11B-502. All such spaces may be grouped on one level of a parking
	stru	icture. (CBC 11B-208.2.4 & CBC 11B-502)

		corner at, or lower side aligned with, the end of the parking space length. (CBC 11B- 502.6.4.1)
		International Symbol of Accessibility shall be a maximum of 6 inches from the centerline of the parking space, its sides parallel to the length of the parking space and its lower
		complying with Section 11B-703.7.2.1 International Symbol of Accessibility in white on a blue background a minimum 36 inches wide by 36 inches high. The centerline of the
		1. The parking space shall be marked with an International Symbol of Accessibility
		Each accessible car and van space shall have surface identification complying with either of the following schemes: (CBC 11B-502 6 4)
		space width at the head end of the parking space. Signs may also be permanently posted on a wall at the interior end of the parking space. (CBC 11B-502.6.3)
		permanently posted either immediately adjacent to the parking space or within the projected parking
		"Minimum Fine \$250." (CBC 11B-502.6.2)
		11B-502.6.1) Additional language or an additional sign below the International Symbol of Accessibility shall state
		surrace measured to the bottom of the sign. (CBC 11B-502.6) Parking identification signs shall be reflectorized with a minimum area of 70 square inches. (CBC
		designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground
		Signs identifying van parking spaces shall contain additional language or an additional sign with the
		with Section 11B- 703.7.2.1 International Symbol of Accessibility. (CBC 11B-502.6, Figure 11B-
		Parking space identification signs shall include the International Symbol of Accessibility complying
	\Box	Clearly snow minimum vertical clearance of 98 inches at accessible parking spaces and along at least one vehicle access route to such spaces from site entrances and exits. (CRC 118-502 5)
	_	located on the passenger side of the parking spaces. (CBC 11B-502.3.4)
		either side of the parking space except for van parking spaces which shall have access aisles
		Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on
		may extend beyond the minimum required length. (CBC 11B-502.3.3. Figure 11B-502.3.3)
		PARMING Shall be painted on the surface within each access alse in white letters a minimum of 12 inches in height and located to be visible from the adjacent vehicular way. Access alse markings
		a color contrasting with that of the aisle surface, preferably blue or white. The words "NO
		within the blue borderlines shall be marked with hatched lines a maximum of 36 inches on center in
		Access aisles shall be marked with a blue painted borderline around their perimeter. The area
		signs indicating parking sections or levels, shall comply with the requirements of Section 11B-216. (CBC 11B-216.5.2.1)
		Signs intended for use by pedestrians within parking facilities, including directional or informational
		11B-502.3.2)
		11B-502.3.1)
		4. Access aisle serving car and van parking spaces shall be 60 inches wide minimum. (CBC
		i. Van parking shall be permitted to be 108 inches wide where the access aisle is 96 inches wide minimum (CBC 11B-502 2 (Exception))
		144 inches wide minimum (CBC 11B-502.2)
		 3. Car parking spaces shall be 108 inches wide minimum and van parking spaces shall be
		 Share a common access aisle (CBC 11B-502.3.1) 2. Car and Van spaces shall be 216 inches long minimum (CBC 11B-502.2)
		1. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to
		Parking spaces and dimensions:
		of travel to an accessible pedestrian entrance of the parking facility. (CBC 11B-208.3.1)
		In parking facilities that do not serve a particular building or facility, accessible parking spaces
		accessible entrances. (CBC 11B-208.3.1)
		In buildings with multiple accessible entrances with adjacent parking, accessible parking spaces complying with Section 11B-502 Parking Spaces shall be dispersed and located closest to the
		complying with Section 11B-206.4. (CBC 11B-208.3.1)
		Accessible parking spaces complying with Section 11B-502 Parking Spaces that serve a particular building or facility shall be located on the shortest accessible route from parking to an entrance

	[2. The parking space shall be outlined in blue or painted blue and shall be marked with an
		International Symbol of Accessibility complying with Section 11B-703.7.2.1 International
		Symbol of Accessibility a minimum 36 inches wide by 36 inches high in white or a suitable
		contrasting color. The centerline of the International Symbol of Accessibility shall be a
		maximum of 6 inches from the centerline of the parking space, its sides parallel to the
		the parking space. (CBC 11B-502.6.4.2)
	_ A	An additional sign shall be posted either; 1) in a conspicuous place at each entrance to an off-street
	F	barking facility or 2) immediately adjacent to on-site accessible parking and visible from each
		\Box 1 The additional sign shall not be less than 17 inches wide by 22 inches high (CBC 11B-
	1	502.8.1)
	[2. The additional sign shall clearly state in letters with a minimum height of 1 inch the following: (CBC 11B-502.8.2)
		"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 the owner's expense. I owed vehicles may be
		telephoning
		Blank spaces shall be filled in with appropriate information as a permanent part of the
		sign.
	F	RELATIONSHIP TO ACCESSIBLE ROUTES
Г	7 F	Parking spaces and access aisles shall be designed so that persons using them are not required to
	t	ravel behind parking spaces other than to pass behind the parking space in which they parked.
	(CBC 11B-502.7.1)
		A curb or wheel stop shall be provided if required to prevent encroachment of vehicles over the
	r	
		ASSENGER DROP-OFF & LOADING ZONES AND BUS STOPS
		raiking facilities that provide valet parking services shall provide at least one passenger drop-on
	r	parking requirements of Section 11B-208 1 Parking Spaces General apply to facilities with valet
	r F	parking. (CBC 11B-209.4)
		Mechanical access parking garages shall provide at least one passenger drop-off and loading zone
	C	complying with Section 11B-503 Passenger Drop-off and Loading Zones at vehicle drop-off and
	<u>\</u>	vehicle pick-up areas. (CBC 11B-209.5)
	_ H r	Passenger drop-off and loading zones shall provide a vehicular pull-up space 96 inches wide ninimum and 20 feet long minimum. (CBC 11B-503.2)
	_ F	Passenger drop-off and loading zones shall provide access aisles complying with the following
	a	adjacent and parallel to the vehicle pull-up space. Access aisles shall adjoin an accessible route
	6	and shall not overlap the vehicular way. (CBC 11B- 503.3) \Box 1. Access cicles per vehicle pull up apages shall be 60 inches wide minimum (CBC
	l	11B-503.3.1)
	[2. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. (CBC 11B-503.3.2)
	[3. Access aisles shall be marked with a painted borderline around their perimeter. The area
		within the borderlines shall be marked with hatched lines a maximum of 36 inches on center in a color contrasting with that of the aisle surface (CBC 11B-503.3.3)
	□ Ī	/ehicle pull-up spaces and access aisles serving them shall comply with Section 11B-302 Floor or
		Ground Surfaces. Access aisles shall be at the same level as the vehicle pull-up space they serve.
	-+	Analysis in level are not permitted. (UBU 11B-503.4)
	` r	passenger loading zone and from the passenger loading zone to a vehicular exit shall provide a
	1	vertical clearance of 114 inches minimum. (CBC 11B-503.5)
G.	PLA	N REVIEW:
	1	AIXED OCCUPANCY BUILDINGS
	71	Where mixed occupancy buildings contain non-separated uses, the project must be designed to
	r	neet the requirements of the more restrictive occupancy for determining maximum allowed area
	a	and maximum allowed height. (CBC 508.3.2)

Where mixed occupancy buildings contain separated uses, the following shall apply:
1. Clearly identify on plans the boundary of each adjoining occupancy that will be separated pursuant to Table 508.4.
2. Fire-resistance rated walls used to separate adjoining occupancies shall be constructed as fire barriers in accordance with Section 707. (CBC 508.4.4.1)
3. Fire-resistance rated floor-ceiling assemblies used to separate adjoining occupancies shall comply with CBC 711. (CBC 508.4.4.1)
Where mixed occupancy buildings contain accessory areas, the aggregate area of all accessory areas within a single occupancy shall not exceed 10% of the floor area of the primary occupancy. (CBC 508.2.3)
For buildings with separated mixed occupancies, the allowable area per story shall be calculated such that the sum of the ratios of the actual building area of each separated occupancy divided by the allowable building area of each separated occupancy shall not exceed 1 (CBC 508.4.2)
Where mixed occupancy buildings contain incidental use areas the following shall apply:
\square 1. Clearly identify on plans whether there are any incidental use areas that are separated
from other portions of the building pursuant to Table 509.1
2. Incidental use area shall be limited to 10% of the building area of the story in which they
are located. (CBC 509.3)
system without the construction of a fire-resistance rated wall or floor ceiling assembly, such area shall be separated from the remainder of the building by construction capable of resisting the passage of smoke such as a smoke barrier or smoke partition. (CBC
Structural elements in exterior wells required to be of fire registence, rated construction shall have
fire-resistance rating equal to or greater than that required for an exterior bearing wall. (CBC Table 601)
Exterior walls shall have a fire-resistance rating not less than that specified in Tables 601 and Section 602. Provide details of its construction.
Types I and II constructions' building elements shall be of noncombustible materials, except as permitted in Section 603. (CBC 602.2)
Type III construction's exterior walls shall be of noncombustible materials. (CBC 602.3)
Type IV construction shall be oh Heavy Timber in compliance with Section 602.4. (CBC 602.4)
EXTERIOR WALLS
Detail structural column fire resistance protection assembly showing the entire column provided with individual encasement. (CBC 704.2)
Detail primary structural member fire resistance protection assembly showing the entire member provided with individual encasement including connections to other members. (CBC 704.3)
Detail secondary structural member fire resistance protection assembly showing the entire member provided with individual encasement. (CBC 704.4)
Provide impact protection for columns subject to impact damage. (CBC 704.9)
Provide details, ESR reports, and manufacturer specifications for sprayed fire-resistant materials (SFRM) used to achieve fire protection requirements. (CBC 704.13)
Projections beyond the exterior wall shall comply with Table 705.2.
On site plan, show assumed property line between buildings. (CBC 705.3)
When a new building is constructed adjacent to an existing building, an assumed property line shall be placed between them such that the existing wall and opening protection requirements for the existing building will be maintained. (CBC 705.3)
Provide fire assembly details for exterior walls with fire resistance ratings in accordance with Tables 601 (CBC 705.5)
The maximum area of openings in exterior walls in any story shall not exceed that allowed in Table 705.8. (CBC 705.8.1)
Where both unprotected and protected openings are located, the total area is limited to Equation 7- 2. (CBC 705.8.4)
Provide details for parapets showing the same fire-resistance rating as the wall supporting them. The uppermost 18" of the parapet wall facing the roof shall be of noncombustible face materials. (CBC 705.11)

	Clearly label and identify on plans firewalls, fire barriers, fire partitions, shafts, smoke barriers, and smoke partitions, along with their fire-resistance ratings.
	Construct a firewall (sometimes party wall) at property lines or when separating a building into two or more separate areas per CBC 706.1.
	Provide details to show that firewall complies with CBC 706 including but not limited to:
I	□ 1. Fire rating shall behour per CBC Table 706.4
	2. Fire walls must remain structurally stable in the event of collapse of construction on either side during a fire. Provide a detail to show that joist supported by the firewall is spliced and not continuous (plywood membrane may be continuous) or provide double firewalls or provide justification for any other method used. (CBC 706.2)
	3. Shall be noncombustible material, except in Type V Construction. (CBC 706.3)
	4. Shall have horizontal continuity (CBC 706.5)
	5. Shall extend vertically from the foundation to a point 30" above the roof (CBC 706.6)
	 6. The area of each opening in Fire Walls is limited to 156 sq. ft. Total width of the openings is limited to 25% of the length wall. (CBC 706.8)
	 7. Ducts and air transfer openings through Fire Walls shall be protected as required in Section 717 and shall not exceed the limitations of Section 706.8. Dampers are required. (CBC 706.11)
	Combustible members framed into hollow firewalls or firewalls of hollow units, hollow spaces shall be solidly filled for the full thickness of the wall and for a distance not less than 4" above, below and between the structural members, with noncombustible materials approved for fireblocking. (CBC 706.7)
	Openings are not permitted in party walls constructed in accordance with Section 706.1.1. (CBC 706.8 Exception 1)
	Provide a fire barrier in accordance with CBC 707 for:
	□ 1. Shaft enclosure per Section 713.4 (CBC 707.3.1)
	2. Interior exit enclosure per Section 1023.1 (CBC 707.3.2)
	3. Exit access stairway per Section 713.4 (CBC 707.3.3)
	4. Exit passageway per Section 1024.3 (CBC 707.3.4)
	5. Horizontal exit per Section 1026.1 (CBC 707.3.5)
	□ 6. Atrium per Section 404.6 (CBC 707.3.6)
	7. Incidental use area per Section 509.1 (CBC 707.3.7)
	8. Control areas per Section 414.2.4 (CBC 707.3.8)
	9. Occupancy separation per Section 508.4 (CBC 707.3.9)
	□ 10.Fire area separation per Section 707.3.10 (CBC 707.3.10)
	Provide details for fire barrier continuity at vertical occupancy separations. Fire barriers must extend through underfloor area, attic areas, and suspended ceiling areas (CBC 707.5)
	Areas of each opening in fire barrier are limited 156 sq. ft. Total width is limited to 25% of the wall length in the story under consideration. (CBC 707.6)
	All structural elements supporting a fire barrier must have the same fire-resistance ratings as the required fire barrier. (CBC 707.5.1)
	Provide a fire partition in accordance with Section 708.1 for:
_	□ 1. Separation walls as required by Section 420.2 for Group R occupancies
	 Walls separating tenant spaces in covered and open mall buildings as required by Section 402.4.2.1
	 Corridor walls as required by Section 1020.3 and in Group I-2 and I-2.1 as required by Section 407.3
	4. Enclosed elevator lobby separation as required by Section 3006.3
	5. Egress balconies as required by Section 1021.2
	6. Walls separating ambulatory care facilities from adjacent spaces, corridors or tenant as required by Section 422.2
	7. Walls separating dwelling and sleeping units in Groups R-1 and R-2 in accordance with Sections 907.2.8.1 and 907.2.9.1
	8. Vestibules in accordance with Section 1028.2

	9. Walls separating enclosed tenant spaces in high-rise buildings and in buildings of Types I, IIA, IIIA, IV or VA construction of Group A, E, H, I, L and R-2.1 occupancies and other applications listed in Section 1.11 regulated by the Office of the State Fire Marshal
Fire pa	artition continuity must be detailed in accordance with CBC 709.4.
Provid	e assembly detail for 1-HR rated smoke barrier. (CBC 709.3)
Smoke	barriers shall from an effective continuous barrier per the requirements of Section 709.4.
Provid	e construction details for smoke partitions complying with the requirements of Section 710.
Provid	e assembly detail for fire-rated horizontal assemblies in accordance with the requirements of
Sectio	n 711.
Suppo horizo	rting construction shall be protected to afford the required fire-resistance rating of the ntal assembly supported. (CBC 711.2.3)
Provid 712.	e details for vertical openings in fire-resistance-rated construction to comply with Section
Unpro	ected two-story openings are not allowed unless otherwise permitted per Section 712.1.9
Provid	e construction details for shaft enclosure per Section 713.
Provid	e details for penetrations in fire-resistance-rated walls, fire barriers, fire partitions, and smoke
 barrier	s shall comply with Section 714.3.
penetr	ations of file resistance-rated horizontal assembles shall comply with CBC 714.4. Through ations shall comply with CBC 714.4.1 or 714.4.2, or as noted below: (CBC 714.4.1)
	 Steel, ferrous or copper pipes, tubes or conduits, the annular space between the penetrating item and the fire-resistance-rated wall is permitted to be protected by either of the following measures: (CBC 714.4.1 exceptions)
	a. In concrete or masonry walls where the penetrating item is a maximum 6-inch
	nominal diameter and the area of the opening through the wall does not exceed 144
	square inches, concrete, grout, or mortar is permitted where installed the full
	thickness of the wall of the thickness required to maintain the fire-resistance rating.
	b. The material used to fill the annular pace shall prevent the passage of flame and hot
	gases sufficient to ignite cotton waste when subjected to ASTM E119 or UL 263
	time-temperature fire conditions under a minimum positive pressure differential of
	0.01 inch of water at the location of the penetration for the time period equivalent to
	2 Penetrations shall be fire-stopped by a system installed as tested in accordance with
	ASTM E 814 or UL 1479 and shall have an F rating of not less than the required fire-
	resistance-rating of the wall penetrated. (CBC 714.4.1.2)
	3. Membrane penetrations of maximum 2-hour fire-resistance-rated walls and partitions by
	steel electrical boxes that do not exceed 16 square inches in area, provided that the
	inches in any 100 square feet of wall area. The annular space between the wall
	membrane and the box shall not exceed 1/8 inch. Such boxes on opposite sides of the
	wall or partition shall be separated by one of the following:
	a. By a horizontal distance of not less than 24 inches where the wall or partition is
	constructed with individual noncommunicating stud cavities
	cavity is filled with cellulose loose-fill, rockwool or slag mineral wool insulation
Г	c. By solid Fireblocking in accordance with Section 718.2.1
	 d. By protecting both outlets with listed putty pads
	e. By other listed materials and methods (CBC 714.4.2 exception 1)
	4. Membrane penetrations by listed electrical boxes of any material provided such boxes
	have been tested for use in fire-resistance-rated assemblies and are installed in
	accordance with the instructions included in the listing. The annular space between the
	ceiling membrane and the box shall not exceed 1/8 inch (3.2 mm) unless listed otherwise.
	Such poxes on opposite sides of the wall or partition shall be separated by one of the following:
	a By the horizontal distance specified in the listing of the electrical boxes
	b By solid Fireblocking in accordance with Section 718.2.1
	By solid Theblocking in accordance with Section 710.2.1
	. By protecting both boxes with listed party pads

d. By other listed materials and methods. (CBC 714.4.2 exception 2)
5. Membrane penetrations by electrical boxes of any size or type, that have been listed as part of a wall opening protective material system for use in fire-resistance-rated assemblies and are installed in accordance with the instruction included in the listing. (CBC 714.4.2 exception 3)
6. Membrane penetrations by boxes other than electrical boxes, provided that such
penetrating items and the annular spaces between the wall membrane and the box, are protected by an approved membrane penetration firestop system installed as tested in accordance with ASTM E814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water, and shall have an F and T rating of not less than the required fire-resistance rating of the wall penetrated and be installed in accordance
with their listing (CBC /14.4.2 exception 4)
it is covered by a metal escutcheon plate (CBC 714.4.2 exception 5)
 8. Membrane penetrations of maximum 2-hour fire-resistance-rated walls and partitions by steel electrical boxes that exceed 16 square inches in q43q, or steel electrical boxes of any size having an aggregate area through the membrane exceeding 100 square inches in any 100 square feet of wall area, provided that such penetrating items are protected by listed putty pads or other listed materials and methods and installed in accordance with the listing. (CBC 714.4.2 exception 6)
Joints installed in or between fire-resistance-rated walls, floor or floor/ceiling assemblies and roofs or roof/ceiling assemblies shall be protected an approved fire-resistant joint system with a fire-
resistance rating not less than that of the assembly in which it is installed. Provide details. (CBC 715.1)
Provide details for fire barriers per Section 707. Detail vertical openings per Section 712. Openings in the separation shall have fire assembly complying with Section 716.
Provide fire rated door assemblies in fire barrier complying with Section 716
Openings protectives in firewalls, fire barriers, and fire partitions must comply with Section 716 CBC and Table 716 1(2)
Fire door assemblies shall also meet the requirements for a smoke and draft control assembly. (CBC 716.2.3)
Fire doors and fire-protection rated glazing shall bear labels as required by Section 716.2.5
Fire dampers shall have the min. fire protection rating specified in Table 717.3.2.1 for the type of penetration.
Provide shaft enclosure for penetrations by ducts and air transfer openings through a horizontal assembly complying with Sections 713 or 717.6.1 through 717.6.3
Fire dampers, smoke dampers, combination fire/smoke dampers and ceiling radiation dampers shall be provided as prescribed in Section 717.5:
1. Fire Walls. Ducts and air transfers openings permitted in firewalls as prescribed in Section 706.11
□ 2. Fire Barriers per Section 717.5.2
3. Shaft enclosures per Section 717.5.3
□ 4. Fire partitions per Section 717.5.4
5. Corridors per Section 717.5.4.1
□ 6. Smoke barriers per Section 717.5.5
7. Exterior walls per Section 717.5.6
8. Smoke partitions per Section 717.5.7
Flexible ducts and air connectors shall not pass through any fire-resistance-rated assembly. Flexible air connectors shall not pass through any wall. floor. or ceiling. (CBC 717.7)
Fireblocking shall be installed in combustible concealed locations in accordance with Section 718.2,
(Provide Details).
Drattstopping shall be installed in combustible concealed locations in accordance with CBC 718.3 and 718.4, respectively, at the following locations: (Provide Details)
 In floor-ceiling assemblies so that horizontal floor areas not exceed 1,000 sq. ft. (CBC 718.3)
 In attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 sq. ft. (CBC 718.4)

3. In R-1 and R-2 with 3 or more units and R-3 with 2 or more units and R-4 occupancies,
draftstopping shall be provided in floor/ceiling and attic spaces above and in line with the dwelling unit separations. (CBC 718.3/CBC 718.4)
4. Show draft-stop construction on the plans. Draftstopping materials shall not be less than
1/2" gypsum board, 3/8" wood structural panel, 3/8" particleboard, 1" nominal lumber,
materials adequately supported. (CBC 718.3.1)
5. Openings in the partitions shall be protected by self-closing doors with automatic latches
constructed as required for the partitions. (CBC 718.4.1.1)
resistance rating or to be of noncombustible construction, they shall comply with the requirements of Section 803.1.1. Specify flame spread index requirements per Table 803.1.3.
Interior floor finish and floor covering materials shall comply with Section 804
Combustible materials installed on or embedded in floors of buildings of Type I or II construction
shall comply with Section 805.
Decorative materials and trim installed in buildings governed by the SFM shall comply with the provisions of Section 806.
Thermal and acoustical insulation shall comply with Section 720. (CBC 807)
Lateral bracing for suspended ceiling must be provided. Where ceiling is not supporting interior
within 2" of the cross runner intersection and splayed 90° from each other at an angle not
exceeding 45° from the plane of the ceiling. A strut (adequate to resist the vertical component from
lateral loads) fastened to the main runner shall be extended to and fastened to the structural
members of the root or floor above. These horizontal restraint points shall be placed 12' O.C. in both directions with the first point within 6' of each well. Attachment of restraint wires to the
structure above shall be adequate for the load imposed. Or provide a structural design in
conformance with CBC 808.1.1.1 and 1613.1.
FIRE PROTECTION SYSTEM
Approved automatic sprinkler systems in new buildings and structures shall be provided in the
locations described in Sections 903.2.1 through 903.2.12 and Sections 903.2.14 through 903.2.21.
An automatic sprinkler system shall be installed throughout all stories including basement of all
buildings where the floor area exceeds 1,500 square feet and where the story does not comply with
the following criteria for exterior wall openings: (CBC 903.2.11.1)
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		EXITS
		Submit an exit plan that labels and clearly shows compliance with all required egress features such as, but not limited to, common path of travel, required number of exits, occupant load, required width, continuity, travel distance, etc. (CBC 1001.1)
		The means of egress system shall have a clear ceiling height of 7 feet 6 inches. (CBC 1003.2)
		Provide occupant load calculation based on the criteria from Section 1004.
		Every room or space which is used for assembly, classroom, dining, drinking, or similar purposes having an occupant load of 50 or more shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space, for the intended configurations. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or the owner's authorized agent. (CBC 1004.9)
		Exit width shall be not less than permitted by Section 1005. The net dimension (clear width) shall be used in determining exit width
	\square	The number of exits from each space, room, or area shall comply with Table 1006.3.3.
		Spaces, rooms, or areas with only one exit shall not exceed the occupant load and maximum common path of egress travel distance specified in Table 1006.2.1.
		Two exits are required when common path of egress travel exceeds 75-feet (CBC 1006.2, Table 1006.2.1)
		Stories with only one exit shall not exceed the occupant load or common path of egress travel distance specified in Tables 1006.3.4(1) and 1006.3.4(2)
		When two exits are required from a building or area, they shall be separated by one-half (one-third if sprinklered throughout) the diagonal dimension of the building or area served. (CBC 1007.1.1)
		Egress through intervening spaces shall be limited per Section 1016.2.
		Exit access travel distance shall not exceed that allowed in Table 1017.2.
		CORRIDORS
		Corridors to also meet the following requirements:
		1. Provide section to show the corridor construction (CBC 708.4)
		2. Show elevator vestibule separating elevator doors from corridor (CBC 713)
		3. Door jams shall be tight-fitted, smoke and draft controlled, (CBC 716.2.2)
		4. Doors shall be 20-minute rated with self-closing hardware, (CBC Table 716.1(2))
		5. Windows need be fixed. ³ / ₄ -Hour wired-glass in steel frame (CBC Table 716.1(3))
		 6. Total area of windows shall not exceed 25% of the area of common wall with any room, (CBC 716.3.2.1.2)
		7. Provide fire/smoke damper where duct penetrates rated corridor wall (CBC 717)
		8. Corridor width per CBC 1005.1, but not less than that specified in Table 1020.3
		9. Dead-end corridor is limited to 20 feet in length (CBC 1020.5)
		Fire partitions serving as a corridor wall shall be permitted to terminate at the upper membrane of the corridor ceiling assembly where the corridor ceiling is constructed as required for the corridor wall. (CBC 708.4)
		Provide a complete architectural section of rated corridor detailing fire-resistance-rated construction of the walls and ceilings. Detail all duct and other penetrations.
		Corridors shall be fire rated in accordance with Table 1020.2 unless otherwise exempted by Section 1020.1.
		Corridors shall not serve as supply, return, exhaust, relief, or ventilation air ducts. (CBC 1020.6)
		Use of space between the corridor ceiling and the floor or roof structure above as a return air
	_	plenum is only permitted for conditions listed in Section 1020.6.1.
		not be interrupted by intervening rooms.
		DOORS
		Provide a door and window schedule. Show type and size of each.
		Doors, when fully opened, shall not reduce the required width by more than 7 inches. Doors in any position shall not reduce the required width by more than one-half. (CBC 1005.7.1)
		Egress doors provided in excess of what is required shall conform to the same provisions as required egress doors. (CBC 1010.1)

Each leaf of door in the means of egress shall provide the minimum width for the occupant load capacity and shall provide 32" clear opening and a min. height of 6'-8", but in no case shall any swinging door leaf width exceed 48" (CBC 1010 1 1)	
Doors serving a room or area with an occupant load of 50 or more shall swing in the direction of travel (CBC 1010 1 2 1)	exit
Special doors shall not be used as exit doors, unless otherwise allowed (CBC 1010.3)	
Floor elevations and landings at doors shall comply with Sections 1010.1.4 and 1010.1.5	
Thresholds shall not exceed 1/2" above the finished floor or landing. Raised thresholds and floor	-
level changes greater than 1/4" at doorways shall be beveled with a slope not greater than one u vertical in two units horizontal. (CBC 1010.1.6)	unit
The space between doors in series shall be 48" minimum plus the width of a door swinging into t	the
space. Doors in series shall either swing in the same direction or swing away from the space between them. (CBC 1010.1.7)	
Egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort. (CBC 1010.2)	
Locks and latches shall be permitted to prevent operation of doors when conditions exists per Section 1010.2.4.	
Bolt locks are prohibited unless otherwise allowed by Section 1010.2.5.	
Doors serving 'A' occupancies with 50 or more occupants or H occupancies, or assembly area	
classified as E, I-2, or I-2.1 shall be provided with panic hardware or fire exit hardware. (CBC 1010.2.9)	
Sensor released electronically locked doors must comply with the provisions of Section 1010.2.1	2.
Electromagnetically locked doors in high-rise office buildings must comply with the provisions of Section 1010.2.12.	
Access controlled elevator lobby doors must comply with the provisions of Section 1010.2.12.1.	
Delayed egress locking systems must comply with the provisions of Section 1010.2.13.	
STAIRWAYS	
Stairs in buildings over 75' in height shall be in a smoke proof enclosure or pressurized stairway complying with Sections 909.20 and 1023.11	
Stair width shall be determined by Section 1005.1, but the minimum width shall not be less than 44". (CBC 1011.2)	
Provide section and details of interior or exterior stairway showing:	
1. Minimum headroom of 6'-8". (CBC 1011.3)	
 2. Maximum tread riser height of 7" (minimum 4") and minimum tread depth of 11". (CBC 1011.5.2) 	,
3. Enclosed usable under stairways require 1-hr. construction on enclosed side or the fire resistance rating of the stairway enclosure, whichever is greater. (CBC 1011.7.3)) -
 4. Handrails complying with Section 1011.11	
Stair treads and risers shall have dimensional uniformity complying with Section 1011.5.4.	
Landings are required at the top and bottom of each stairway. Landings width and depth shall no be less than the width of the stairway served. (CBC 1011.6)	ot
Door swinging over landing shall not reduce the width by more than 7" when fully open. The door in any position shall not reduce the required width to less than one-half. (CBC 1011.6)	
In buildings 4 or more stories:	
 1. One stair must extend to the roof. (CBC 1011.12)	
 Stairs leading to roof must have a penthouse complying with Section 1511.2. (CBC 1011.12.2) 	
Stairs shall be enclosed with fire barriers per Section 1023.1. Enclosure shall conform to the following:	
1. 2-hr. fire-resistance-rated construction in all buildings 4 or more stories in height and 1 for all other buildings less than 4 stories. (CBC 1023.2)	-hr.
□ 2. Openings shall comply with Sections 1023.3 and 1023.4	
3. Doors opening into exit enclosures shall be protected per Section 716.	
4. Exit enclosures shall include an exit passageway of the same fire-resistance-rated construction as the enclosure leading to the outside of the building, including openings (CBC 1023.3.1)	5 .

		Exterior stairs shall be separated from the interior of the building with the same fire-resistance-rated	
		Exterior exit stairways shall have a minimum fire separation distance of 10 feet from adjacent lots	
		other portions of the building, and other buildings on the same lot (CBC 1027 5)	
		OTHER COMPONENTS	
		Provide connection details of guardrail and/or handrail on open side of landings or stairs adequate	
	_	to resist a linear load of 50 pounds per linear foot in accordance with ASCE 7. (CBC 1607.9.1)	
		ASCE 7. (CBC 1607.9.1.2)	
		Exit signs are required when 2 or more exits are required. Show location of all exit signs. (CBC	
		1013.1)	
		Handralls shall satisfy the following: (CBC 1014)	
		I. Handrain shall be 34 to 36 above the hosting of treads (CBC 1014.2)	
		3. Provide continuous handrail (CBC 1014.4)	
		4. The handgrip shall extend 12" beyond the top and 12" plus tread width beyond bottom	
		 5. Intermediate handrails shall be located so that all portions of the stairway's required width 	
		are within 30 inches of a handrail and located along the most direct path of egress travel	
		(CBC 1014.9)	
		Provide 42" high protective guardrail for decks, porches, balconies, raised floors, and open sides of attaining that are more than 20" above grade or floor balow. Openings between balvaters/rails	
		shall be less than 4" (CBC 1015)	
		Where an egress court serving a building or portion thereof is less than 10' in width, the egress	
		court walls shall have not less than 1-hr. fire-resistance-rated construction for a distance of 10'	
		above the floor of the court. Openings within such walls shall be protected by opening protectives	
	_	having a fire protection rating of not less than 3/4 hour. (CBC 1029.3)	
		Egress balconies shall conform to Section 1021.	
		The means of egress system shall be illuminated per Section 1025 for high rise buildings or groups	
		Horizontal exits shall comply with the provisions of Section 1026	
		Exits shall discharge directly to the exterior of the building unless otherwise allowed by Section	
		1028.2.	
		Assembly occupancy egress shall conform to Section 1030.	
		INTERIOR ROOM, LIGHT AND VENTILATION	
		Occupied spaces shall be provided with natural ventilation by means of readily controllable exterior	
		openings with an area not less than 4% of the total floor area. Such exterior openings shall open	
		bow the building is provided with the required ventilation (CBC 1205. Clearly specify on plans	
		Yards and courts used for natural light or ventilation shall comply with Section 1205	
		Provide details for sound assembly at dwelling units complying with Section 1206.	
		Show the following dimensions for each room or area:	
		1. Bathrooms, toilet rooms, kitchens, storage rooms, & laundry rooms shall have a ceiling	
		height of no less than 7'. (CBC 1208.1)	
		2. Kitchen shall have a clear passageway of not less than 3'. (CBC 1208.1)	
		 3. Occupiable spaces, habitable spaces, hallways & corridors shall have a ceiling height of no less than 7'-6". (CBC 1208.2) 	
		Toilet, bathing, and shower room floor finish material shall have a smooth, hard, nonabsorbent	
		surface that extends upward onto the walls at least 4". (CBC 1209.2)	
	\square	Walls within 2' of the front and sides of service sinks, urinals, and water closets shall have a	
		elements, the materials used in such walls shall be of a type that is not adversely affected by	
		moisture. (CBC 1210.2.2)	
		Shower compartments and walls above bathtubs shall be finished with a smooth, nonabsorbent	
		surface to a height not less than 72" above the drain inlet. (CBC 1210.2.3)	
		Privacy at water closets and urinals shall be provided in accordance with Section 1210.3.	

	Public toilet rooms shall be provided with a mechanical exhaust system capable of providing a min.	
	theater, school, etc. (CMC TABLE 403.7)	
	Dimension a min. 15" clearance from center of water closet compartment to any sidewall or	
	obstruction nor 30" clearance from center to center to any similar fixture and a min. 24" clear space	
	in front of water closet. (CPC 402.5)	
	EXTERIOR WALLS	
	Provide veneer details. Snow method of anchorage, size and spacing of anchors. Comply with the	
	BOOF	
	Install Cool Roof Product Labeled and Certified by Cool Roof Rating Council (CRRC) per	
	BMC 9-1-11-4.509	
	For new roof covering identify (CBC 1505, CBC 1507):	
	1. Manufacturer name	
	3. Fire-retardant roof classification	
	4. Roof slope of all areas on the roof plan.	
	5. Cool Roof Rating Council number	
	6. Solar Reflectance, Thermal, & Solar Reflective Index Alternative	
	7. Note on plan that installation shall be in accordance with manufacturer's specifications.	
	Specify approved weatherproof walking surface material at decks and balconies.	
	1/150 of the area of the space ventilated. Show calculations, size, and location on the plans. (CBC	
	1202.2)	
	An opening not less than 20" x 30" shall be provided to any attic area having a clear height of over	
	30". Min. clear headroom of 30" in the attic space shall be provided at or above the access opening.	
	(CBC 1209.2)	
	structures shall be in accordance with the California Mechanical Code. (CBC 1209.3)	
	Show roof slope(s), drain(s) and overflow drain(s) or scupper(s) on the roof plan. Provide a detail of	
	the root drain and overflow system. Roof drainage system shall comply with the following	
	requirements: (CBC Section 1502, Chapter 11 of the CPC)	
	Chapter 11 of the CPC. (CBC 1502.1)	
	2. Each portion of a roof shall be designed to sustain the load of rainwater as per the requirements of Chapter 8 of ASCE 7 (CBC 1611 1)	
	3. The roof drain and overflow drain must maintain independent lines to the vard box (CBC	
	1611.1)	
	 4. Roof drainage is not permitted to flow over public property 	
	5. Secondary roof drains having the same size as the primary roof drains shall be installed	
	with the inlet flow line located a min. 2" above the low point of the root (CPC 1101.12.2.2)	
	secondary roof drainage. Scupper openings shall be a min of 4" high and have a width	
	equal to the circumference of the roof drain required for the area served (CPC 1105.1(9))	
	7. Overflow scuppers shall be designed in accordance with CPC 1101.12	
	The min. roof coverings installed on buildings shall comply with Table 1505.1 based on the type of	
	construction of the building. Roof covering shall be Class C rated or better or as required. (CBC	
	Clay and concrete tile attachment shall comply with Table 1507 3.7. Notes shall be provided on the	
	plans to show compliance. (CBC 1507.3)	
	Roof slope shown on the plans is not adequate for the type of roof covering specified. The min. roof	
	slope shall be provided as follows:	
	1. IVIII. 2% (0.25:12) TOT DUIIT-UP POOTS. (CBC 1507.10.1)	
	2. IVIII. 8% (1:12) for mineral-surfaced roll rooting. (CBC 1507.6.2)	
	3. Min. 17% (2:12) for asphalt shingles. (CBC 1507.2.2)	
	4. Min. 21% (2.5:12) for clay and concrete tiles. (CBC 1507.3.2)	
	5. Min. 25% (3:12) for metal. (CBC 1507.5.2)	
	□ 6. Min. 33% (4:12) for slate shingles. (CBC 1507.7.2)	

	Sho	Show that the penthouse and/or roof structures satisfy the requirements of CBC 1510. (CBC 1510)				
	Provide and detail access to equipment on roof per CMC 904.9.					
	GLASS AND GLAZING					
	Eac des glaz of s	Each pane of safety glazing installed in hazardous locations shall be identified by a manufacturer's lesignation specifying who applied the designation, the manufacturer or installer and the safety glazing standard. The following shall be considered specific hazardous locations for the purposed of safety glazing. Glazing in: (CBC 2406 4)				
		1. Glazing in doors. Glazing in all fixed and operable panels of swinging, sliding, and bifor doors shall be considered to be hazardous locations. With the following exceptions: (Cl 2406.4.1)	old BC			
	a. Glazed openings of a size through which a 3-inch-diameter sphere is unable to pa		ass			
		b. Decorative glazing	□ b. Decorative glazing			
		c. Glazing materials used as curved glazed panels in revolving doors	c. Glazing materials used as curved glazed panels in revolving doors			
		a. Commercial refrigerated cabinet glazed doors				
		 Glazing adjacent to doors. Glazing in an individual fixed or operable panel adjacent to a door where the nearest vertical edge of the glazing is within a 24-inch arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60 inches above the walking surface shall be considered to be a hazardous location. With the following exceptions: (CBC 2406 4.2) 				
		a. Decorative glazing				
	b. Where there is an intervening wall or other permanent barrier between the door a					
		 c. Where access through the door is to a closet or storage area 3 feet or less in dept Glazing in this application shall comply with Section 2406.3 	th.			
		 d. Glazing in walls on the latch side of and perpendicular to the plane of the door in a closed position in one- and two-family dwellings or within dwelling units in Group R-2 				
		3. Glazing in windows. Glazing in an individual fixed or operable panel that meets of the following conditions shall be considered to be a hazardous location: (CBC 2406.4.3)				
		a. The exposed area of an individual pane is greater than 9 square feet				
		b. The bottom edge of the glazing is less than 18 inches above the floor				
		c. The top edge of the glazing is greater than 36 inches above the floor				
		d. One or more walking surfaces are within 36 inches, measured horizontally and in a straight line, of the plane of the glazing. With the following exceptions:				
		☐ i. Decorative glazing				
		 ii. Where a horizontal rail is installed on the accessible side(s) of the glazing 34 38 inched above the walking surface. The rail shall be capable to withstandin horizontal load if 50 pounds per linear foot without contracting the glass and b not less than 1 1/2 inches in cross-sectional height 	to ng a be			
		iii. Outboard panes in insulating glass units or multiple glazing where the bottom exposed edge of the glass is 25 feet or more above any grade, roof, walking surface or other horizontal or sloped (within 45 degrees of horizontal) surface adjacent to the glass exterior	ו פ			
aujacent to the g		4. Glass in guards and railings. Glazing in guards and railing including structural balust	ter			
		panels and nonstructural in-fill panels, regardless of area or height above a walking				
	surface shall be considered to be a hazardous location. (CBC 2406.4.4)					
		5. Glazing and wet surfaces. Glazing in walls, enclosures or fences containing or facing				
		hot tubes, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or				
		outdoor swimming poos where the bottom edge of the glazing is less than 60 inches measured vertical above any standing or walking surface shall be considered to be a	outdoor swimming poos where the bottom edge of the glazing is less than 60 inches			
		hazardous location. This shall apply to single glazing and all papes in multiple glazing				
		With the following exceptions: (CBC 2406.4.5)				
		a. Glazing that is more than 60 inches measured horizontally and in a straight line from				
		a. Clazing that is more than so monoe, measured nonzentally and in a straight line, no				

		6. Glazing adjacent to stairways and ramps. Glazing where the bottom exposed edge of
		the glazing is less than 60 inches above the plane of the adjacent walking surface of
		stairways, landings between flights of stairs and ramps shall be considered to be a
		hazardous location. With the following exceptions: (CBC 2406.4.6)
		a. The side of a stairway, landing or ramp that has a guard complying with the provisions
		of Section 1015 and 1607.9, and the glass is greater than 18 inches from the railing.
		D. Glazing 36 inches or more measured horizontally from the walking surface. 7 Clazing adjacent to the better of steinway lendings. Clazing adjacent to the lending.
		7. Glazing adjacent to the bottom of stairway landings. Glazing adjacent to the landing
		at the bottom of a stall way where the glazing is less than 180 degrees from the bottom tread
		nosing shall be considered to be a hazardous location. With the following exception:
		(CBC 2406.4.7)
		a. Glazing that is protected by a guard complying with Sections 1015 and 1607.9, and
		the plane of the glass is greater than 18 inches from the guard.
		8. Fire department access panels. Fire department glass access panels shall be of
		tempered glass. For insulation glass units, all panes shall be tempered glass. (CBC
		2406.5)
	For	glass handrails and guards, the panels and their support system shall be designed to withstand
	the	loads specified in Chapter 16. A safety factor of four shall be used. The min. nominal thickness
	of t	he glass shall be 1/4". Specify approved report number and manufacturer of glass panel
	gua	irdrail on plans and/or detail. (CBC 2407)
	SKy	Alights set at an angle of less than 45 degrees from the norizontal plane shall be mounted not
	Eve	s that 4 incres above the plane of the root on a curb constructed as required for the frame.
		degrees (3 units vertical in 12 units' horizontal) per CBC 2405.4 and 2610.2 Glass skylights
	sha	Il comply with CBC 2405. Plastic skylights shall comply with CBC 2610.
	GY	PSUM BOARD AND PLASTER
	Gyp	osum board shall be permitted to be used as a horizontal diaphragm ceiling as follows: (CBC
	250	18.6)
		1. Maximum allowable diaphragm proportions shall be 1 1/2:1 between shear resisting
		elements. Rotation or cantilever shall not be permitted. (CBC 2508.6.1)
		2. Gypsum board or gypsum panel products used in a horizontal diaphragm ceiling shall be
		perpendicular to ceiling framing members. End joints of adjacent courses of gypsum
		board shall not occur on the same joist. (CBC 2508.6.2)
		3. Perimeter edges shall be blocked using a wood member not less than 2-inch by 6-inch
		nominal dimensions. Blocking material shall be installed that over the top plate of the wall to provide a policing surface not less than 2 inches in width for the attachment of the
		avosum board or avosum papel product (CBC 2508 6 3)
		4 Easteners used for the attachment of gypsum board or gypsum panel products to a
		horizontal diaphragm ceiling shall be defined in Table 2508.6. Easteners shall be spaced
		not more than 7 inches on center at all supports, including perimeter blocking, and not
		more than 3/8 inches from the edges and ends of the gypsum board or gypsum panel
		product. (CBC 2508.6.4)
		5. Gypsum board or gypsum panel products shall not be used in diaphragm ceilings to resist
		lateral forces imposed by masonry or concrete construction. (CBC 2508.6.5)
	Mat	terials used as a base for wall tile in tub and shower areas and wall and ceiling panels in shower
	are	as shall be of materials listed in Table 2509.2 and installed in accordance with the
	manufacturer's recommendations. Water resistant gypsum backing board shall be used as a base	
	tor tile in water closet compartment walls when installed in accordance with GA 216 or ASTM C840	
	ban	lels in other wall and ceiling areas when installed in accordance with GA 216 or ASTM C840
	(CE	SC 2509.2)
		1. Glass mat gypsum backing panel - ASTM C1178
		2. Nonasbestos fiber-cement backer board - ASTM C1288 or ISO 8336. Category C
		3 Nonasbestos fiber-mat reinforced cementitious backer unit - ASTM C1325
	vva	ter-resistant gypsum board shall not be used in the following locations: (CBC 2509.3)
		1. Over a vapor retarder in shower or bathtub compartments.
		2. Where there will be direct exposure to water or in areas subject to continuous high
		humidity.

		A minimum 0.019-inch (No. 26 galvanized sheet gage), corrosion-resistant weep screed with a
		minimum vertical attachment flange of 3 1/2 inches shall be provided at or below the foundation
		plate line on exterior stud walls in accordance with ASTM C926. The weep screed shall be place
		not less than 4 inches above the earth or 2 inches above paved areas and be of a type that will
		allow water to drain to the exterior of the building. The water-resistive barrier shall lap the
		attachment flange. The exterior lath shall cove and terminate on the attachment flange of the weep
		Scieed. (UBC 2512.1.2)
		Provide 1-bar centing installation detail. Centing bracing shall be provided by 4 #12 gauge wites,
		each other at an angle not exceeding 45 degrees from the plane of the ceiling. The horizontal
		restraint points shall be placed 12' O.C. in both directions with the first point within 4' from each
		wall. Provide compression strut. The width of the perimeter supporting closure angle shall be not
		less than 2". One end of the ceiling grid shall be attached to the closure angle; the other end shall
		have a ³ / ₄ " clearance from the wall and shall rest upon and be free to slide on a closure angle.
		Specify T-Bar ceiling ICC number. (ASTM C635 and ASCE 7, Section 13.5.6)
		Provide a section view of all interior partitions showing:
		1. Size, spacing, and material of studs, specify gauge and ICC # for metal studs;
		2. Method of attaching top and bottom plates to structure or top plate bracing;
		3. Height of partition and suspended ceiling.
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		AFFLICATION AND ADMINISTRATION
		he subject to the requirements of Chapter 11A and Chapter 11B (CBC 1101A 1)
		All areas of newly designed and newly constructed buildings and facilities and altered portions of
		existing buildings and facilities shall comply with the requirements of Chapter 11B. (CBC 11B-
		201.1)
		BUILDING BLOCKS
		At the location(s) indicated on the plan, show, and dimension the required turning space (circle or
		T-shaped). (CBC 11B-304)
		At the location(s) indicated on the plans, dimension the required clear floor or ground space. (CBC 11B-305)
		At the location(s) indicated on the plans, provide sections detailing minimum knee and toe
		Add dimensions on the plans to ensure the objects indicated are within allowable reach ranges
		Confirm front or side approach at unobstructed and/or obstructed conditions, as applicable (CBC
		11B-308)
		At required operable parts, indicate maximum force, and specify operation type. (CBC 11B-309.4)
	1	PARKING SPACES
		Dimension minimum 216 inches long car and van accessible parking space(s) and access aisle(s).
		(CBC 11B-502.2, Figures 11B-502.2)
		Dimension minimum 60 inch width at accessible car parking space. (CBC 11B-502.2, Figures 11B-502.2 & 11B-502.3)
		Dimension minimum 144 inch wide accessible van parking space with minimum 60 inch wide
		access aisle. Van parking spaces shall be permitted to be minimum 108 inch wide where access
		aisle is 96 inch wide minimum. (CBC 11B-502.2, Figures 11B-502.2 & 11B-502.3)
		Car and van stall access aisle shall be 60 inch wide minimum and shall adjoin an accessible route.
		Two parking spaces or one parking space and one electric vehicle charging space shall be
		permitted to share a common access aisle. (CBC 11B-502.3, Figures 11B-502.3 & 11B-502.3)
		ACCESSIBLE ROUTES
		Show on the floor plans all accessibility requirements that comply with the following. (CBC 11B 206)
		Show on the floor plans at least one accessible route that complies with the following. At least one
		accessible route shall connect each story and mezzanine in multi-story buildings and facilities.
		(CBC 11B-206.2.3 (See exceptions))
		STAIRWAYS
		A stair is defined as "One or more flights of stairs, either exterior or interior, with the necessary
		I landings and platforms connecting them, to form a continuous and uninterrupted passage from one
1	1	i level to another . For all stairs, comply with the following: (CBC 202)

1. Provide stair details, including tread rise and run, nosing, striping, handrails, etc. (CBC 11B-504)	
2. Open risers are not permitted. (CBC 11B-504.3 (See exceptions))	
 3. Show and specify all required stairway stripping. Interior stairs shall have the upper approach and lower tread marked by a stripe providing clear visual contrast. Exterior stairs shall have the upper approach and all treads marked by a stripe providing clear visual contrast. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. (CBC 11B-504.4.1) 	
RAMPS	
Specify all door and gate widths, heights, hardware, thresholds, kickplates, etc. (CBC 11B-404)	
Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route. (CBC 11B-404.2.1)	
At least one of the active leaves of doorways with two leaves shall comply with 11B-404.2.3 Clear Width and 11B-404.2.4 Maneuvering Clearances. (CBC 11B-404.2.2)	
Door openings shall provide a clear width of 32 inches minimum. Openings more than 24 inches deep shall provide a clear opening of 36 inches minimum. Specify all door widths on the plans	
and/or at door schedule. (CBC 11B-404.2.3)	
Show and dimension all required landings/maneuvering clearances. (CBC 11B-404.2.4)	
At doorways less than 36 inches wide without doors or gates, sliding doors, or folding doors dimension required maneuvering clearances complying with Table 11B-404.2.4.2. (CBC 11B-404.2.4.2)	
Dimension the minimum 18 inch interior and 24 inch exterior strike side clearance on the latch side of all doors with adjacent obstruction. (CBC 11B-404.2.4.3)	
Provide threshold details for doors, indicating ½ inch maximum height. (CBC 11B-404.2.5)	
Specify door hardware type(s) for all doors and gates and provide elevation indicating hardware height between 34 inches minimum and 44 inches maximum above the finish floor or ground. (CBC 11B-404.2.7)	
Where sliding doors are in the fully open position, confirm operating hardware shall be exposed and usable from both sides. (CBC 11B-404.2.7)	
Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped. Show and dimension required kickplate(s). (CBC 11B-404.2.10)	
HANDRAILS	
Show required handrails on each side of stairs and ramps, including required top and bottom extensions. (CBC 11B-505.2 & CBC 11B-505.10)	
Provide details and dimensions of the handrail cross-section(s), clearances, and gripping surfaces. (CBC 11B-505)	
Dimension to the top of gripping surfaces of handrails. Handrails shall be 34 inches minimum to 38 inches maximum vertically above walking surfaces, stair nosing, and ramp surfaces and shall be at a consistent height. (CBC 11B-505.4)	
Clearance between handrail gripping surfaces and adjacent surfaces shall be 1½ inches minimum. Handrails may be located in a recess if the recess is 3 inches maximum deep and 18 inches minimum clear above the top of the handrail. (CBC 11B-505.5)	
Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1¼ inches minimum and 2 inches maximum. CBC 11B-505.7.1	
Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6¼ inches maximum, and a cross-section dimension of 2¼ inches maximum. (CBC 11B-505.7.2)	
Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. (CBC 11B-505.10.1)	

		At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. (CBC 11B-505.10.2)
		At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal
		distance equal to one tread depth beyond the last riser nosing. The horizontal extension of a
		handrail shall be 12 inches long minimum and a height equal to that of the sloping portion of the
		handrail as measured above the stair nosing. Extension shall return to a wall, guard, or the landing
		surface, or shall be continuous to the handrail of an adjacent stair flight. (CBC 11B-505.10.3)
		DRINKING FOUNTAINS
		No fewer than two drinking fountains shall be provided. When provided, one drinking fountain shall
		comply with 11B- 602.1 through 11B-602.6, 11B-602.8 and 11B-602.9 and one drinking fountain shall comply with 11B-602.7 and 11B- 602.9. (CBC 11B-211.2)
		Where more than the minimum number of drinking fountains specified in 11B-211.2 are provided,
		50 percent of the total number of drinking fountains provided shall comply with 11B-602.1 through
		11B-602.6, 11B-602.8 and 11B- 602.9 and 50 percent of the total number of drinking fountains
		provided shall comply with 11B-602.7 and 11B-602.9. (CBC 11B-211.3)
		Drinking fountains shall comply with Sections 11B-307 Protruding Objects and 11B-602 General Requirements. (CBC 11B- 602.1)
		Provide details at hi-low drinking fountains, including clear floor space at low unit, knee and toe
		clearance, spout heights and locations, spout angles, etc. (CBC 11B-602)
		Units shall have a clear floor or ground space complying with Section 11B-305 Clear Floor or
		Ground Space positioned for a forward approach and centered on the unit. Knee and toe clearance
		complying with Section 11B-306 Knee and Toe Clearance shall be provided. (CBC 11B-602.2)
		Where drinking fountains are used by children, a parallel approach complying with Section 11B-305
		Clear Floor or Ground Surfaces shall be permitted at units where the spout is 30 inches maximum
		above the finish floor or ground and is $3\frac{1}{2}$ maximum from the front edge of the unit, including humbers (CPC 11P 602.2 exception)
		Shout outlate shall be 26 inches maximum shous the finish flash or ground (CBC 11B-002.1)
		Spoul outlets shall be 30 inches maximum above the linish libor or ground. (CBC 11B-602.4)
		from the front edge of the unit, including bumpers (CBC 11B-602.5)
		The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches
		maximum from the front of the unit. The angle of the water stream shall be measured horizontally
		relative to the front face of the unit. Where spouts are located less than 3 inches from the front of
		the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located
		between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream
		shall be 15 degrees maximum. (CBC 11B-602.6)
		spoul outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. (CBC 11B-602 7)
		Wall and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches
	<u> </u>	maximum in depth. (CBC 11B-602.8)
	\Box	All drinking fountains shall either be located completely within alcoves, positioned completely
		protected area within such a drinking fountain is located shall be 22 inches wide minimum and 19
		inches deep minimum and shall comply with Section 11B 305.7 Maneuvering Clearance. When
		used wing walls or barriers shall protect borizontally at least as far as the drinking fountain and to
		within 6 inches vertically from the floor or ground surface (CBC 11B-602.9)
		Bottle-filling stations shall comply with Sections 11B-307 and 11B-309 (CBC 11B-602 10)
I		\square 1. Where bottle-filling stations are provided at a drinking fountain for standing persons, the
		bottle-filling station is not required to comply with this section provided a bottle-filling
		station is located at the drinking fountain complying with Sections 11B-602.2 through 11B-
		602.6. (CBC 11B-602.10 (Exception))
		TOILET AND BATHING ROOM CLEARANCES
		Where toilet facilities and bathing facilities are provided, they shall comply with 11B-213 Toilet
		Facilities and Bathing Facilities. Where toilet facilities and bathing facilities are provided in facilities
		permitted by 11B-206.2.3 Multi-Story Buildings and Facilities Exceptions 1 and 2 not to connect
		stories by an accessible route, toilet facilities and bathing facilities shall be provided on a story
		connected by an accessible route to an accessible entrance. (CBC 11B-213.1)

\Box	Where separate toilet facilities are provided for the exclusive use of separate user groups, the toilet
	facilities serving each user group shall comply with 11B-213 Toilet Facilities and Bathing Facilities.
	(CBC 11B-213.1.1)
	Where toilet rooms are provided, each toilet room shall comply with 11B-603 Toilet and Bathing
	Rooms. Where bathing rooms are provided, each bathing room shall comply with 11B-603 Toilet
	and Bathing Rooms. (CBC 11B-213.2 (See exception))
	Unisex toilet rooms shall contain not more than one lavatory, and not more than two water closets
	without urinals or one water closet and one urinal. Unisex bathing rooms shall contain one shower
	or one shower and one bathtub, one lavatory, and one water closet. Doors to unisex toilet rooms
	and unisex bathing rooms shall have privacy latches. (CBC 11B- 213.2.1)
	Door shall not swing into the clear floor space or clearance required for any fixture. Other than the
	door to the accessible water closet compartment, a door in any position may encroach into the
	turning space by 12 inches maximum. (CBC 11B- 603.2.3)
	At single user toilet or bathing rooms, doors shall be permitted to swing into the clear floor space or
	clearance required for any fixture. (CBC 11B-603.2.3 (See exception))
	Mirrors located above the lavatories or countertops shall be installed within the bottom edge of the
	reflecting surface 40 inches maximum above the finish floor or ground. Mirrors not located above
	the lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35
	inches maximum above the finish floor or ground (CBC 11B-603.3)
	Coat hooks shall be located within one of the reach ranges specified in Section 11B-308. Shelves
	shall be located 40 inches minimum and 48 inches maximum above the finish floor. Medicine
	cabinets shall be located with a usable shelf no higher than 44 inches maximum above the finish
	floor (CBC 11B-603 4)
	Where towel or sanitary nankin dispensers, waste receptacles, or other accessories are provided in
	toilet facilities at least one of each type shall be located on an accessible route. All onerable parts
	including coin slots shall be 40 inches maximum above the finish floor. Baby changing stations are
	not required to comply with Section 11B-603.5 (CBC 11B-603.5)
	Provide bathtub details, confirming compliance with Section 11B-607, including the requirements
	for clearances grab bars seats controls shower spray unit and water and bathtub enclosures
	(CBC 11B-607)
	Provide details confirming disabled access compliance at shower compartments, including the
	requirements for clearances, grab bars, seats, controls, shower spray unit and water, thresholds,
	shower enclosures, shower floor or ground surface and soap dish. (CBC 11B-608)
	WATER CLOSETS AND TOILET COMPARTMENTS
	Where toilet compartments are provided, at least 5 percent but no fewer than one toilet
	compartment shall comply with Section 11B-604 8.1. In addition to the compartments required to
	comply with 11B-604.8.1, where six or more toilet compartments are provided, or where the
	combination of urinals and water closets totals six or more fixtures, toilet compartments complying
	with Section 11B-604.8.2 shall be provided in the same quantity as the toilet compartments
	required to comply with Section 11B-604.8.1 (CBC 11B-213.3.1)
	Where water closets are provided, at least 5 percent but no fewer than one shall comply with
	Section 11B-604. (CBC 11B- 213.3.2)
	Where urinals are provided, at least 10 percent but no fewer than one shall comply with Section
	11B-605. (CBC 11B-213.3.3)
	Where lavatories are provided, at least 10 percent but no fewer than one shall comply with Section
	11B-606 and shall not be located in a toilet compartment. (CBC 11B-213.3.4, CBC 11B-606.1)
	The clear width for accessible routes to accessible toilet compartments shall be 44 inches except
	for door-opening widths and door swings. (CBC 11B-403.5.1 exception 5)
	The water closet shall be positioned with a wall or partition to the rear and to one side. The
	centerline of the water closet shall be 17 inches minimum to 18 inches maximum from the side wall
	or partition, except that the water closet shall be 17 inches minimum and 19 inches maximum from
	the side wall or partition in the ambulatory accessible toilet compartment specified in Section 11B-
	604.8.2 Ambulatory Accessible Compartments. Water closets shall be arranged for a left-hand or
	right-hand approach. (CBC 11B-604.2)
	Clearance around a water closet shall be 60 inches minimum measured perpendicular from the
	sidewall and 56 inches minimum measured perpendicular from the rear wall. A minimum 60 inches
	wide and 48 inches deep maneuvering space shall be provided in front of the water closet. (CBC
	11B-604.3.1)

	The seat height of a water closet above the finish floor shall be 17 inches minimum and 19 inches
	maximum measured to the top of the seat. Seats shall not be sprung the return to a lifted position
	Seats shall be 2 inches high maximum and a 3-inch high seat shall be permitted only in alterations
	where the existing fixture is less than 15 inches high (CBC 11B-604 4 (Excention 3))
	The sidewall grap hars shall be 12 inches long minimum located 12 inches maximum from the rear
	well and extending 54 inches minimum from the rear well with the front and positioned 24 inches
	minimum in front of the water closet (CBC 11B- 604 5 1)
	The rear grab bar shall be 36 inches long minimum and extend from the centerline of the water
	closet 12 inches minimum on one side and 24 inches minimum on the other side. (CBC 11B-
	604 5 2 (See excention))
	Elush controls shall be hand operated or automatic. Hand operated flush controls shall comply with
	Section 11B 300 Operable parts except they shall be located 14 inches maximum above the floor
	Elush controls shall be located on the open side of the water closet except in ambulatory accessible
	compartments complying with Section 11B-60/1.8.2 Ambulatory Accessible Compartments (CBC
	Trilet namer dianonaara shall comply with Section 11P 200 4 Operation and shall be 7 inches
	minimum and Q inches maximum in front of the water closet measured to the conterline of the
	diananaar. The suitlet of the diananaar shall be below the grap har. 10 inches minimum shove the
	finish fleer and shall not be leasted behind the grab hare. Dispensers shall not be of a type that
	control delivery or that does not allow continuous paper flow (CBC 11B 604 7 1)
	Wheelchair accessible toilet compartments shall most the requirements of Sections 11D-604.9.1
	Wheelchair Accessible Compartments and 11B 604.8.3 Coat Hocks and Shelves. Compartments
	containing more than one plumbing fixture shall comply with Section 11B 603 Toilet and Bathing
	Rooms. Ambulatory accessible compartments shall comply with Sections 11B-604.8.2 Ambulatory
	Accessible Compartments and 11B-604.8.3 Coat Hooks and Shelves (CBC 11B-604.8)
	In a wheelchair accessible compartment with an in-swing door, a minimum 60 inches wide by 36
	inches deen maneuvering space shall be provided in front of the clearance required in Section 11B-
	604.8.1.1 Wheelchair Accessible Compartment Size (CBC 11B-604.8.1.1.1 Figures 11B-
	604.8.1.1.2(b) and 11B-604.8.1.1.3(b))
	In a wheelchair accessible compartment with a door located in the side wall or partition, either in-
	swinging or out-swinging, a minimum 60 inches wide and 60 inches deep maneuvering space shall
	be provided in front of the water closet (CBC 11B-604.8.1.1.2, Figure 11B-604.8.1.1.2)
	In a wheelchair accessible compartment with end-opening door located in the front wall or partition
	(facing water closet), either in-swinging or out-swinging, a minimum 60 inches wide and 48 inches
	deep maneuvering space shall be provided in front of the water closet (CBC 11B-604.8.1.1.3.
	Figure 11B-604.8.1.1.3)
	Toilet compartment doors, including door hardware, shall comply with Section 11B-404 Doors,
	Doorways, and Gates except that if the approach is from the push side of the compartment door,
	clearance between the door side of the compartment and any obstruction shall be 48 inches
	minimum measured perpendicular to the compartment door in its closed position. Door shall be
	located in front partition or in the side wall or partition farthest from the water closet. (CBC 11B-
	604.8.1.2)
	Where toilet compartment doors are located in the front partition, the door opening shall be 4 inches
	maximum from the sidewall or partition farthest from the water closet. Where located in the side
	wall or partition, the door opening shall be farthest from the water closet and shall be 54 inches
	minimum from the rear wall, & the door shall be self-closing. (CBC 11B-604.8.1.2)
	A door pull complying with Section 11B-404.2.7 Door and Gate Hardware shall be placed on both
	sides of the door near the latch. Door shall not swing into the clear floor space or clearance
	required for any fixture. Doors may swing into that portion of the maneuvering space which does
	not overlap the clearance required at a water closet. (CBC 11B-604.8.1.2 (See exception))
	At least one side partition shall provide a toe clearance of 9 inches minimum above the finish floor
	and 6 inches deep minimum beyond the compartment-side face of the partition, exclusive of
	partition support members. Partition components at toe clearances shall be smooth without sharp
	edges or abrasive surfaces. Compartments for children's use shall provide a toe clearance of 12
	inches minimum above the finish floor. (CBC 11B-604.8.1.4)
	Ambulatory accessible compartments shall have a depth of 60 inches minimum and a width of 35
	inches minimum and 37 inches maximum. (CBC 11B-604.8.2.1)
	Water closets and toilet compartments for children's use shall comply with Section 11B-604.9
	Water Closets and Toilet Compartments for Children's Use and follow suggested dimensions on
	Table 11B-604.9. (CBC 11B-604.9)

	Urinals shall be the stall-type or the wall-hung type with the rim 17 inches maximum above the				
	finish floor or ground. Urinals shall be 131/2 inches of	deep minimum measured from the outer face of			
	the urinal rim to the back of the fixture. (CBC 11B-605.2)				
	Flush controls shall be hand operated or automatic	. Hand operated flush controls shall comply with			
	Section 11B-309 Operable Parts except that the flush control shall be mounted at a maximum				
	height of 44 inches above the finish floor. (CBC 11B-605.4)				
	For lavatories and sinks, a clear floor space complying with Section 11B-305 Clear Floor or Ground				
	Surfaces, positioned for a forward approach, and knee and toe clearance complying with Section				
	11B-306 Knee and Toe Clearance shall be provide	d. (CBC 11B-606.2)			
	Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34				
	inches maximum above the finish floor or ground. (CBC 11B-606.3)				
	Separate toilet facilities shall be provided per gend	er. A one toilet facility, designed for use by no			
	more than one person at a time may be used for th	e following cases, CPC 422.2 exceptions:			
	1. In occupancies with a total occupant load of 10 or less, including customers and				
	employees, one toilet facility, designed for use by no more than one person at a time,				
	shall be permitted for use by both sexes.	(CPC 422.2 (2))			
	2. In business and mercantile occupancies	with a total occupant load of 50 or less including			
	customers and employees, one toilet faci	lity, designed for use by no more than one			
	person at a time , shall be permitted for u	se by both sexes. (CPC 422.2 (3))			
	Provide required number of plumbing fixtures per C	CPC Table 422.1			
	Compliance with water conserving fixtures and fittir	ngs ordinance: (see below)			
	WATER CONSERVING DI LIMBING EIXTURES A				
	Der 2022 California Crean Duilding Standarda Cad	a 5 202 2			
	Per 2022 California Green Building Standards Cod				
		1.28 GALLONS PER FLUSH			
	WALL MOUNTED	0.125 GALLONS PER FLUSH			
		0.5 GALLONS PER FLUSH			
	SHOWERHEADS				
	SINGLE SHOWERHEAD	1.8 GALLONS PER MINUTE AT 80 PSI			
	MULTIPLE SHOWERHEADS	1.8 GALLONS PER MINUTE AT 80 PSI			
	FAUCETS AND FOUNTAINS				
	NONRESIDENTIAL LAVATORY	0.5 GALLONS PER MINUTE AT 60 PSI			
	KITCHEN FAUCET	1.8 GALLONS PER MINUTE AT 60 PSI			
	WASH FOUNTAINS	1.8 GALLONS PER MINUTE AT 60 PSI			
	METERING FAUCETS	0.20 GALLONS PER CYCLE			
	METERING FAUCETS FOR WASH	0.20 GALLONS PER CYCLE AT 60 PSI			
	FOUNTAINS				
	COMMERCIAL KITCHEN EQUIPMENT	8 GALLONS PER MINUTE			
SIGNS RELATED TO TOILETS AND BATHING FACILITIES					
Where clustered single user toilet rooms or bathing facilities are permitted to use exception					
	11B-213.2 Toilet and Bathing Rooms, toilet rooms	or bathing facilities complying with 11B-603			
	Toilet and Bathing Rooms shall be identified by the International Symbol of Accessibility comp				
	with 11B-703.7.2.1 ISA unless all toilet rooms and bathing facilities comply with 11B-603 Toilet and				
	Bathing Rooms. (CBC 11B-216.8)				
	Signs shall comply with 11B-703.5 Visual Characters and shall include the International Symbol of				
	Accessibility complying with 11B-703.7.2.1 ISA. (C	BC 11B-216.8)			
	Entrances leading to toilet rooms and bathing room	ns complying with 11B-603 Toilet and Bathing			
	Rooms shall be identified by a geometric symbol complying with 11B-703.7.2.6 Toilet and Bat				
	Room Geometric Symbols. (CBC 11B-216.8)				
ļ ļ	WASHING MACHINE AND CLOTHES DRYERS				
	Washing machines and clothes dryer's operable pa	arts must comply with Section 11B-309 Operable			
	Parts. (CBC 11B-611.3)				
	Top loading machines shall have the door to the laundry compartment located 36 inches maximum				
	above the finish floor. Front loading machines shall have the bottom of the opening to the laundry				
	compartment located 15 inches minim and 36 inche	es maximum above the finish floor. (CBC 11B-			
	611.4)				

		ASSISTIVE LISTENING SYSTEMS			
Assistive listening systems shall be provided in assembly areas, including conference and me					
		(CBC 11B-219.2)			
		Note: Assembly areas include, but are not limited to, classrooms, lecture halls, courtrooms, public			
		meeting rooms, public hearing rooms, legislative chambers, motion picture houses, auditoria,			
		arenas, stadiums, grandstands, or convention centers. (CBC 202)			
		Provide () assistive listening systems. A minimum number of receivers equal to 4 percent of			
		the total number of seats, but in no case less than two. Twenty-five percent minimum of receivers			
		provided for assistive listening systems, but no fewer than two, shall be hearing-aid compatible in			
		by means of an induction loop. (CBC 11B-219.3 (Exception 2))			
		TWO-WAY COMMUNICATION SYSTEMS			
		Where a two-way communication system is provided to gain admittance to a building or facility or to			
		restricted areas within a building or facility, the system shall comply with Section 11B-708. (CBC			
		11B-230.1)			
		The system shall provide both audible and visual signals. (CBC 11B-/08.2)			
		TTY communication with the residential dwelling unit interface. (CBC 11B-708.4.1)			
		I he residential dwelling unit system interface shall include a telephone jack capable of supporting			
		708.4.2)			
		A two-way communication system complying with Sections 1009.8.1 and 1009.8.2 shall be			
		provided at the landing serving each elevator or bank of elevators on each accessible floor that is			
		TELEPHONES			
		Where coin-operated public pay telephones, coinless public pay telephones, public closed-circuit			
		telephones, public courtesy phones, or other types of public telephones are provided, public			
		telephones shall be provided in accordance with 11B-217 Telephones for each type of public			
		telephone provided. A bank of telephones shall be considered to be two or more adjacent			
		KITCHENS KITCHENETTES AND WET BARS			
		Provide a section and detail showing that sinks comply with 11B-606 Lavatories and Sinks.			
		including clear floor space, height, faucets, and at exposed pipes and surfaces. (CBC 11B-804.4)			
		Show that at least 50 percent of the shelf space is within required reach ranges. (CBC 11B-804.5)			
		As a range/cooktop is provided, detail the required forward reach approach at the sink. (CBC 11B- 804.6.4)			
		Height of work surfaces. The tops of tables and counters shall be 28 inches to 34 inches from floor			
		to ground and at least 36 inches long (CBC 11B-902)			
l.	STF				
		See attached Structural correction list			
J.	EN	ERGY COMPLIANCE REVIEW:			
		Provide mechanical fixture schedule with CFM's indicated. Energy calculations to match mechanical plan			
		Provide mechanical fixture schedule with CFM's indicated. Energy calculations to match			
		Submit energy lighting calculation forms LTG1-C, LTG2-C,LTG5-C, etc.			
		Provide lighting fixture schedule with watts per luminaries indicated. Energy calculations to match			
	<u> </u>				
К.					
		SEE MARKED SUBMITTAL SET FOR ADDITIONAL CORRECTIONS AND CLARIFICATIONS			
		THE COMMENTS LISTED HEREIN ARE NOT COMPREHENSIVE. ADDITIONAL COMMENTS MAY FOLLOW.			
		PROJECT MAY BE SUBJECT TO MWELO REQUIREMENTS. SEE ATTACHED DOCUMENTS.			

	PROJECT SIGN IS REQUIRED. SEE ATTACHED DOCUMENT.
	CALGREEN MANDATORY MEASURES SHALL BE REPRODUCED ON THE PLANS. SEE
	ATTACHED DOCUMENTS.
	APPLICANT IS REQUIRED TO POST A SIGN ON THE PROJECT SITE PROVIDING PUBLIC
	HANDOOUT SHEETS FOR SIGNAGE DETAILS.
	UPDATE / REVISE ALL NOTES, CODE SECTIONS, AND/OR REFERENCES ON SUBMITTED
	PLANS.

GENERAL NOTES & NOTE BLOCKS

On the **COVER SHEET** list only, the specific applicable codes used for this project.

- 2022 California Building Code (CBC)
- 2022 California Mechanical Code (CMC)
- 2022 California Electrical Code (CEC)
- 2022 California Plumbing Code (CPC)
- 2022 California Green Building Code (CALGreen)

• 2022 California Energy Code

SETBACK CERTIFICATION REQUIREMENT: A California State licensed surveyor is required to certify the location and setbacks of all new construction prior to the first foundation inspection. A copy of the certification shall be available to the Building Division inspector for the job file prior to the first inspection. (**BMC 9-1-1-107**).

THE FOLLOWING NOTES SHALL BE REPRODUCED ON THE EXISTING FLOOR PLAN OR DEMOLITION PLAN OF THE SUBMITTED DRAWINGS:

DEMOLITION NOTES & NOTE BLOCKS					
Residential					
DIVERSION OF C&D DEBRIS: A minimum 65% of generated debris shall be recycled, reused, or diverted from the landfill. An administrative fee and a refundable deposit will be collected at the time of permit issuance. The deposit can be refunded if recycling receipts are submitted to Building Division within 60 days of permit final (BMC 9-1-11-1012).					
DEMOLITION NOTE: All demolition and grading permits will require a preconstruction meeting prior to commencement of any demolition work and a project sign must be posted on site. If a Single-Family Dwelling is being demolished that is located on a sloped lot a topographic survey is required to be performed prior to the demolition of the structure. This may also be required for a flat lot as determined by the Building Official. Documents indicating rodent and insect abatement has been performed must be presented to the building inspector prior to start of demolition.					
Residential and Commercial Demolition					
Per BMC 9-1-11-1012 the following information is required:					
 a) The completed WMP must be signed by the Applicant and shall indicate all of the following: a) The site address; b) The names, addresses, and phone numbers of the property owner and the general contractor; c) The existing square footage, the proposed square footage, the percentage of increase in project size, or the square footage of the structure to be demolished; d) The estimated volume or weight of construction and demolition debris, by material type, to be generated on the project site; e) The estimated volume or weight of construction and demolition debris, by material type, to be diverted to recycling, reuse, or salvage; f) The vendor or facility that the applicant proposes to use to collect or receive that material; g) The estimated volume or weight of the construction and demolition materials that will be landfilled; h) Certification that the minimum Diversion Requirement will be met; i) Such other data and information as may be required by the Building Official; i) Other information Applicant believes is relevant to determining its efforts to comply with this Division. 					

	STRUCTURAL NOTES & NOTE BLOCKS									
	STRUCTURAL OBSERVATION									
	Firm or individual responsible for the structural observation:									
	Na									
		FOUNDATION	WALLS & WALL		OTHER STRUCTURAL	ROOF AND FLOOR				
			FRAMING		MEMBERS	DIAPHRAGM				
		Footings, Stem Walls, Piers	Concrete Wall	:	Steel Moment Frame	Concrete				
		Pad Footings	Masonry Wall	;	Steel Braced Frame	Steel Deck				
		Slab	Wood Wall & Shear Wall	(Concrete Moment Frame	Wood				
		Caisson, Piles, Grade Beams	Wood Structural Beams & Members	I	Masonry Wall Frame	Other				
		Stepped Footing, Hillside	Other	(Other	Other				
	ITEMS									
		Concrete over 2	2,500 psi							
		Bolts installed in	n Concrete							
		Special Momen	t -Resisting Concrete Fra	ame						
		Structural Wold								
		High-strength B	Rolting							
		Structural Mase	onry							
		Reinforced Gvp	sum Concrete							
		Insulating Conc	rete Fill							
		Spray-Applied F	Fire Resistive Materials							
		Piling, Piers, an	d Caissons							
		Shotcrete								
		Special Grading	g, Excavation, and Fill							
		Structural Wood	b							
		Smoke-Control	System							
		Other								

THE FOLLOWING DETAIL SHALL BE REPRODUCED ON THE SITE PLAN OR COVER SHEET OF THE SUBMITTED DRAWINGS:



THE FOLLOWING NOTES SHALL BE REPORDUCED ON THE SITE PLAN OR COVER SHEET

2022 CALGreen Nonresidential Mandatory Measure							
						Measure	
			X			provided on plan	
	SECTION TITLE	CODE SECTION	Ŷ	N/A	U	sneet:	
	DIVIDION 5.4 Discrimental Desire						
	DIVISION 5.1 Planning and Design	15 106 1	1			1	
Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land	through 5 106 2					
Mandatory	Short-term bicycle parking (with exception)	5.106.4.I.1					
		5.106.4.1.2				<u> </u>	
		through					
Mandatory	Long-term bicycle parking	5.106.4.1.5					
Mandatory	Electric vehicle (EV) charging [NJ w/ exceptions	5.106.5.3					
Mandatory	EV capable spaces [NJ	5.106.5.3.1					
Mandatory	Lise of automatic load management systems (ALMS)	5.100.5,3.2				+	
Mandatory		5 106 5 3 4					
Mandatory	Note for EVCS signs	0.100.0.0.4				+	
mandatory		5.106.3.1,					
		5.106.3.2					
Mandatory	Table 5.106.5.3.1 w/footnotes	and [.] 5.106.3.3				-	
Mandatory	Electric vehicle (EV) charging: medium-duty and heavy-duty [NJ	5.106.5.4					
Mandatory	Lectric vehicle charging readiness requirements for ware- houses, grocery stores and retail stores with planned	5 106 5 4 1					
Mandatory		5,106.5.4				+	
Mandatory	Table 5.106.5.4.1	and 5.106.5.4.1					
		5.106.8					
Mandatory	Light pollution reduction [N] (with exceptions, notes and table)	through 5.106.8.2					
Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10				<u> </u>	
	DIVISION 5.2 Energy Efficiency		1			1	
Mandatory	Meet the minimum energy efficiency standard	5.201.1					
	DIVISION 5.3 Water Efficiency and Conservation	•	-	T			
Mandatory	Separate meters (new buildings or additions> 50,000 sf that consume more than 100 gal/day)	5.303.1.1					
Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2					
Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpt)	5.303.3.1				1	
Mandatory	Elear mounted urinals shall not exceed 0.125 gpt	5.303.3.2.1					
Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5 303 3 3 1				+	
Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of L 8 gpm at 80 psi	5 303 3 3 2					
Mandatory	Nonresidential lavatory faucets	5 303 3 4 1					
Mandatory	Kitchen faucets	5.303.3.4.2					
Mandatory	Wash fountains	5.303.3.4.3					
Mandatory	Metering faucets	5.303.3.4.4					
Mandatory	Metering faucets for wash fountains	5.303.3.4.5					
Mandatory	Pre rinse spray valve	5.303.3.4.6					
Mandatory	Food waste disposers	5.303.4.1					
Mandatory	Areas of additions or alterations	5.303.5					
Mandatory	Standards for plumbing fixtures and fittings	5.303.6					
	DIVISION 5.4 Material Conservation and Resource Efficiency		1	1			
Mandatory	Weather protection	5.407.1					
Mandatory	Moisture control: sprinklers	5.407.2.1				1	
Mandatory	Moisture control: exterior door protection	5.407.2.2.1					
Mandatory		5.407.2.2.2				+	
	Construction waste management-comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent	5.408.1.2,					
Mandatory	local ordinance	5.408.1.3					
Mandatory	Construction waste management: documentation	5.408.1.4					
Mandatory	Universal waste [A]	5.408.2					
Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3					
Mandatory	Recycling by occupants (with exception)	5.410.1					
Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1					
Mandatory	Recycling by occupants: sample ordinance	5.410.1.2					
Mandatory	Commissioning new buildings(>10,000 si) [N]	5.410.2				+	
Mandatory	Basis of Design (BOD) [N]	5.410.2.1					
Mandatory	Commissioning plan [N]	5.410.2.3				+	
Mandatory	Functional performance testing [N]	5.410.,2.4	1			†	
Mandatory	Documentation and training [N]	5.410.2.5	İ			1	
Mandatory	Systems manual [N]	5.410.2.5.1				1	
Mandatory	Systems operation training [N]	5.410.2.5.2					
Mandatory	Commissioning report [N]	5.410.2,6					
Mandatory	Testing and adjusting for new buildings < I 0,000 sf or new systems that serve additions or alterations [A]	5.410.4					
Mandatory	System testing plan for renewable energy, landscape irrigation and water reuse [A]	5.410.4.2				<u> </u>	
Mandatory	Procedures for testing and adjusting	5.410.4.3	<u> </u>			<u> </u>	
Mandatory	Procedures for HVAC balancing	5.410.4.3.1				<u> </u>	
Iviandatory	Reporting for testing and adjusting	5.410.4.4				+	
Mandatory		5.410.4.5				+	
manualory		0.710.7.0.1	I	1	1	1	

2022 CALGreen Nonresidential Mandatory Measure							
	SECTION TITLE	CODE SECTION	Y	N/A	0	Measure provided on plan sheet:	
	DIVISION 5.5 Environmental Quality						
Mandatory	Fireplaces	5.503.1					
Mandatory	Woodstoves	5.503.1.1					
Mandatory	Temporary ventilation	5.504.1					
Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3					
Mandatory	Adhesives, sealants and caulks	5.504.4.1					
Mandatory	Paints and coatings	5.504.4.3					
Mandatory	Aerosol paints and coatings	5.504.4.3.1					
Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2					
Mandatory	Carpet systems	5.504.4.4					
Mandatory	Carpet cushion	5.504.4.4.1					
Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2					
Mandatory	Composite wood products	5.504.4.5					
Mandatory	Composite wood products: documentation	5.504.4.5.3					
Mandatory	Resilient flooring systems	5.504.4.6					
Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1					
Mandatory	Thermal insulation	5.504.4.7					
Mandatory	Verification of compliance	5.504.4.7.1					
Mandatory	Acoustical ceilings and wall panels	5.504.4.8					
Mandatory	Verification of compliance	5.504.4.8.1					
Mandatory	Filters (with exceptions)	5 504 5 3					
Mandatory	Filters' labeling	5 504 5 3 1					
Mandatory	Environmental tobacco smoke (ETS) control	5.504.7					
Mandatory	Indoor moisture control	5 505 1					
Mandatory	Outside air delivery	5 506 1					
Mandatory	Carbon dioxide (CO2) monitoring	5 506 2					
Mandatory	Acoustical control (with exception)	5 507 4					
Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5 507 4 1					
Mandatory	Noise exposure where noise contours are not readily available	5 507 4 1 1					
Mandatory	Performance method	5 507 4 2					
Mandatory	Site features	5 507 4 2 1					
Mandatory	Documentation of compliance	5 507 4 2 2					
Mandatory	Interior sound transmission (with note)	5 507 4 3					
Mandatory	Ozone depletion and greenhouse gas reductions	5 508 1					
Mandatory	Chlorofluorocarbons (CECs)	5 508 1 1					
Mandatory	Halons	5 508 1 2					
in an a con y	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more Sections 5.508.2 through	5.508.2 through					
Mandatory	5.508.2.6.3	5.508.2.6.3					
	END OF MANDATORY PROVISIONS						

Documentation Author's / Responsible Designer's Declaration Statement						
	Mandatory: I attest that this mandatory provisions checklist is accurate and complete.					
Signature						
Company:		Date:				
Address:		License:				
City/State/Zip:		Phone:				

Y = Yes (section has been selected and/or included) NIA= Not Applicable (code section does not apply to the project-mainly used for additions and alterations)

0 = Other (provide explanation) [N] = New construction pursuant to Section 301.3 [A] = Additions and/or Alterations pursuant to Section 301.3