



**BUILDING & SAFETY
DIVISION
CITY OF BURBANK**

PLAN CHECK: _____

DATE: _____

BPAP 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: _____

VALUATION: _____

OCCUPANCY: _____

USE OF STRUCTURE: _____

TYPE OF CONSTRUCTION: _____

PLAN CHECK ENGINEER: _____

PHONE: _____

EMAIL: _____

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 Information:
A. APPLICATION:	
	A separate permit is required for any of the following: <ul style="list-style-type: none"> • Accessory building • Grading and shoring • CMU walls • Demolition of entire existing structures • Detached accessory structures etc. • Retaining walls • Swimming pool
	A Geotechnical\Soils report is required when any of the following conditions are met: <ul style="list-style-type: none"> • Any sitework that removes over 5 feet of soil, • Building a basement, • Building a new 2 story structure, • Building over an existing demolished pool, with no prior soil's compaction report. • Default soil site classification not used, (ASCE 7-22 Section 11.4.2.1) • New construction of a commercial structure. • New construction on hillside lots,
	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, <i>except fire sprinklers & roof truss, shall not be allowed.</i> <ul style="list-style-type: none"> • 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 the plans.
B. ADDITIONAL FEES:	
	Significant changes to the original scope of work will require a modification to the Construction Valuation. Valuation is raised to: \$ _____
	Excessive number of resubmittals. Additional Plan Check fee will be required <u>after the third review</u> on an hourly rate basis.
	The permit application is nearing or has passed the expiration date. Submit the Plan Check Extension/Reinstatement Request form.

		A Community Development Fee of \$ _____ must be paid.
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C. PLAN REQUIREMENTS:		
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		The following plans are required for plan review and shall be drawn to scale with sufficient clarity.
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		Minimum Sheet size: <ul style="list-style-type: none"> • 11"x17"
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		SITE PLAN: <ul style="list-style-type: none"> • 1/8" = 1'-0" or 1" = 10' • Complete plans showing yard setbacks, easements, lot dimensions, distances between buildings, size of building, accessory structures, pools...etc.
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		EXISTING FLOOR PLAN and/or DEMOLITION PLAN <ul style="list-style-type: none"> • Fully dimensioned • Identifying and dimensioning any/all walls to be removed • Door and window opening sizes to be provided
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		FLOOR PLAN: <ul style="list-style-type: none"> • 1/4" = 1'-0" (shall match the scale of the Structural Framing Plan and Demolition Plan) • Each level • Fully dimensioned
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		ROOF PLAN <ul style="list-style-type: none"> • Fully dimensioned
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		BUILDING ELEVATIONS & SECTIONS: <ul style="list-style-type: none"> • 1/4" = 1'-0" OR 1/8" = 1"-0" • Dimension finished floor height, top of plate, and top of roof elevations, natural and finished grade around the perimeter of the building
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		BUILDING CROSS SECTIONS <ul style="list-style-type: none"> • 1/4" = 1'-0" OR 1/8" = 1"-0" • Provide interior dimensions, insulation values, framing, etc.
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		DETAILS: <ul style="list-style-type: none"> • 1/2" = 1'-0" • Details and dimensions must be specific to area of reference • Do not mark "Similar" on detail reference or maximum/ minimum dimension references
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		ARCHITECTURAL DETAILS <ul style="list-style-type: none"> • Cross-referenced construction details
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		DOOR/WINDOW SCHEDULE <ul style="list-style-type: none"> • Identify all "Egress" windows/doors
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		FRAMING PLANS: <ul style="list-style-type: none"> • 1/4" = 1'-0" (shall match the scale of the Architectural Floor Plan)
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		FOUNDATION PLAN <ul style="list-style-type: none"> • Fully dimensioned
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		STRUCTURAL FOUNDATION, ROOF, and FLOOR FRAMING PLANS <ul style="list-style-type: none"> • Cross-referenced construction details • Must show grid system
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D. PLAN REVIEW:		
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		<ul style="list-style-type: none"> • Provide drawings and calculations, uploaded to ProjectDOX for electronic review. • Sets must be deemed complete. <i>Each sheet must be uploaded as an individual file.</i> • See the marked-up set of plans for additional corrections. Red marks apply to all similar conditions. • Revised plans and calculations shall incorporate or address all comments marked on the original checked set of plans, calculations, and this plan review checklist • <i>A written response to each comment and show where and how it has been addressed is required.</i> • Identify the sheet number and detail or reference note on the revised plans where the corrections are made. Time spent searching for the corrected items on the revised plans or calculations will delay the review and approval process. • Itemize any changes, revisions, or additions made to drawings that are not a direct answer to a correction on a separate sheet.
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		All plans and calculations shall be stamped and signed (wet or electronically) by the architect or engineer of record, licensed by the State of California. (BP 5537, 6735)
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		Plans are illegible and/or prints are too light/dark. Provide clear and legible plans for review.
		Submitted plans and related documents are not complete. Additional reviewing time may be necessary upon re-submittal. Please submit complete plans for review.
E. DEPARTMENT CLEARANCES:		
		All City Clearance Sign-Offs Are To Be Provided Through ProjectDOX: <ul style="list-style-type: none"> • A list of departments that are required to provide clearance/approvals can be found on ProjectDOX under Reports and Plan Review - Department Review Status. • Upon Plan Check completion and approval, City staff will verify that all reviewing departments have provided clearance/approvals of documents and thereby provide final electronic approval. • Applicant will be required to print out 1 set to provide for General Contractor.
F. COVER SHEET:		
		Provide complete contact information for applicant, owner, designer, architect/engineer, contractor
		Provide a complete detailed description of the Scope of Work.
		Provide a code analysis stating: <ul style="list-style-type: none"> • Provide complete and correct legal description (i.e., Tract, Lot, Block, APN, metes and bounds, etc.). • Applicable codes • Type of Construction • Use and Occupancy • Number of stories • Building height(s) • Building areas • Number of dwelling units • Number of bedrooms and bathrooms • Fire Sprinklers Installed or not. (CRC R106.1.1) • Located within Fire Hazard Severity Zone
		Provide a complete Index of drawings.
		SCAQMD Rule 1403 requires the contractor to file a Demolition Notification with the SCAQMD 10 days prior to issuance of a Demolition Permit.
		Per SENATE BILL 13 (SB 13) Accessory Dwelling Unit's 750 Square Feet and over are allowed to be charged a proportional Development Impact Fee. Provide Primary Residence's existing square footage as shown on the Los Angeles Counter Assessor Portal
		The following Shall be provided and filled out on the cover sheet for all Accessory Dwelling Unit Projects.
		DEVELOPMENT IMPACT FEES (DIF) PROPORTIONAL TO SQUARE FOOTAGE: PROPOSED ADU SF / _____ (E) DWELLING SF = _____ D.I.F. RATIO
G. DESIGN REQUIREMENTS:		
		Floor Plan: Provide Information on Floor Plan
		A minimum 22"x30" attic access at 30" minimum clear headroom. (CRC R807.1; CMC 304.4) A minimum 20"x30" attic access at 30" minimum clear headroom. (CBC 1209.2)
		Water closet or bidet shall be set no closer than 15" from its center to any side wall or obstruction or no closer than 30" center to center to any similar fixture and the clear space in front of a water closet, lavatory, or a bidet shall be at least 24" (CPC 402.5). Show on Floor Plan
		Show a minimum shower area of 1024 S.I. with a 30" diameter, clear turning circle. (CPC 408.7)
		Shower floors and walls above bathtubs with installed shower head shall be finished with a nonabsorbent surface to a height not less than 6 ft. above the floor. (CRC R327.2, CBC 1210.2.4)
		HVAC System Requirements: Provide Information on Floor Plan
		Show the location of the existing or new heating and air condition unit. <ul style="list-style-type: none"> • Indicate if the unit is a package unit or a split system. • For altered/new units, note the specifications of the unit per energy compliance forms. • Coordinate system requirements with CF-1R Energy Report.

	<p>Provide verification of HVAC system that unit meets South Coast Air Quality Management District's (SCAQMD) Rule 1146.2, which requires zero Nox for boilers up to 400,000 Btu/hr for newly constructed buildings.</p> <p>SCAQMD Rule 1146.2 List of Certified Units</p>
	<p>Water Heater: Provide Information on Floor Plan</p>
	<p>Provide verification of Water Heaters that unit meets South Coast Air Quality Management District's (SCAQMD) Rule 1146.2, which requires zero Nox for water heaters for newly constructed buildings.</p> <p>SCAQMD Rule 1146.2 List of Certified Units</p>
	<p>Show water heater location on plan. Indicate type of water heater.</p>
	<p>Tankless water heaters – provide manufacturer specifications on plans and indicate gas and electric supply as required</p>
	<p>Fuel-burning water heaters installed in bedrooms or bathrooms shall be in a closet used exclusively for the water heater and separated with a gasketed, self-closing door. All combustion air shall be obtained from the exterior. The water heater shall be a direct-vent type. (CPC 504.1).</p>
	<p>Add the following note on plan: New installation of gas water heater shall have all the following as per 2025 California Energy Code 150.0(n):</p>
	<ol style="list-style-type: none"> 1. If space is within 3-feet from the water heater: <ol style="list-style-type: none"> I. A dedicated 125 volt, 20 amp electrical receptacle that is connected to the electric panel with a 120/240 volt 3 conductor, branch circuit rated at 30 amps minimum, within 3 feet from the water heater and accessible to the 1 k water heater with no obstructions, II. Both ends of the unused conductor shall be labeled with the word "spare" and be electrically isolated, III. A reserved single pole circuit breaker space in the electrical panel adjacent to the circuit breaker for the branch circuit in A above and labeled with the words "Future 240V Use", IV. A condensate drain that is no more than 2 inches higher than the base of the installed water heater, and allows natural draining without pump assistance.
	<ol style="list-style-type: none"> 2. If space is more than 3-feet from the water heater: <ol style="list-style-type: none"> I. A dedicated 240 volt branch circuit shall be installed within 3 feet from the designated space. The branch circuit shall be rated at 30 amps minimum. The blank cover shall be identified as "240V ready"; and II. The main electrical service panel shall have a reserved space to allow for the installation of a double pole circuit breaker for a future HPWH installation. The reserved space shall be permanently marked as "For Future 240V use"; and III. Either a dedicated cold water supply, or the cold water supply shall pass through the designated HPWH location just before reaching the gas or propane water heater; and IV. The hot water supply pipe coming out of the gas or propane water heater shall be routed first through the designated HPWH location before serving any fixtures; and V. The hot and cold water piping at the designated HPWH location shall be exposed and readily accessible for future installation of an HPWH; and VI. A condensate drain that is no more than 2 inches higher than the base of the installed water heater, and allows natural draining without pump assistance.
	<p>Smoke Detectors: Provide Information on Floor Plan (CRC 310.3 / CBC 907.2.11.1)</p>
	<p>Show location of hard-wired smoke alarms (CRC R310.3, CBC 907.2.11.1):</p> <ol style="list-style-type: none"> 1. In each sleeping room 2. Outside each separate sleeping area in the immediate vicinity of the bedrooms. 3. On each story, basement, and habitable attics. 4. Note on plan smoke alarms shall comply with specific location requirements per NFPA 72 Section 29.8.3.4.
	<p>Note on plan smoke alarm requirements:</p> <ol style="list-style-type: none"> 1. An approved smoke alarm shall be installed for new construction and alteration, repair or additions requiring permit exceeding \$1000. 2. Battery operated smoke alarms permitted in existing buildings where no construction is taking place or in building undergoing alteration or repair that do not result in the removal of interior walls or ceiling finishes, unless there is an attic, crawl space or basement which could provide access for wiring. 3. Smoke alarms shall be interconnected such that the activation of one alarm will activate all alarms in the individual dwelling unit. 4. Smoke detectors shall be "hard wired" and shall be equipped with battery backup.

	Carbon Monoxide Alarm: Provide Information on Floor Plan (CRC R311 / CBC 915)
	Show locations and note on plan carbon monoxide alarm requirements: <ol style="list-style-type: none"> 1. An approved carbon monoxide alarm shall be installed for existing buildings and new construction when the dwelling unit contains a fuel-fired appliance, fireplace, and/or an attached garage with an opening that communicates with the dwelling. 2. CO alarms shall be "hard wired" and shall be equipped with battery backup. 3. CO alarms shall be listed for compliance with UL 2034, UL 217, UL 2034, and maintained per NFPA 720. 4. CO alarms shall be installed outside of each sleeping area in the immediate vicinity of the bedrooms and on every level of a dwelling unit including basement. 5. CO alarms shall be interconnected such that the activation of one alarm will activate all alarms in the individual dwelling unit. 6. In existing dwelling unit, a CO alarm is permitted to be battery operated where repair or alteration do not result in the removal of wall or ceiling finishes.
	Clothes Dryer: Provide Information on Floor Plan
	A minimum 4" moisture exhaust duct must be provided (CMC 504.4.2)
	Dryer exhaust cannot exceed 14 ft. with a maximum of two 90 deg. elbows (CMC 504.4.2.1)
	A flexible duct cannot extend more than 6 ft. and cannot be concealed (CMC 504.4.2.2)
	Fireplace: Provide Information on Floor Plan
	For factory-built metal fireplace specify (CRC R1005): <ol style="list-style-type: none"> 1. Manufacturer, model, and ICBO/UL number. 2. Installation and use shall be in accordance with their listing. 3. Non-vented fireplaces or gas fired appliances are not permitted. 4. Factory-built chimney maximum offset is 30 degrees vertically and shall not have more than 4 elbows. (CRC R1005.7)
	Only gas fireplaces may be installed in new residential or commercial buildings. South Coast Air Quality Management District Rule 445 does not permit permanent installation of indoor or outdoor wood-burning devices in a new development unless they are one of the following types listed. SCAQMD Rule 445 Wood-Burning Devices
	Detail the fireplace and chimney construction.
	Top of masonry chimney must extend not less than 24" higher than portion of a building within 10'-0" but shall not be less than 36" above the highest point where the chimney passes through the roof. (CRC R1003.9, CBC 2113.9, CMC 802.5.4)
	Roofing: Provide Information on Roof Plan
	Install Cool Roof Product Labeled and Certified by Cool Roof Rating Council (CRRCC) per BMC 9-1-11-4.509. For new roof covering specify (CRC R902, CRC R905, CBC 1505, CBC 1507): <ol style="list-style-type: none"> 1. Cool Roof Rating Council number 2. Manufacturer and ICC/UL/FM or third-party evaluation number 3. Solar Reflectance, Thermal, & Solar Reflective Index Alternative 4. Roof slope of all areas on the roof plan. 5. Note on plan that installation shall be in accordance with manufacturer's specifications.
	Roof slope is not adequate for type of roof covering specified. (CRC R905, CBC 1507)
	Note on the Roof Plan the ICC evaluation report number for all tile roofs. Manufacturer's information showing the tile weight must be incorporated into the drawing.
	Show sizes and locations of the roof/deck drains and secondary emergency overflow roof drains or scuppers. (CRC R903.4.1, CBC 1502.2, CPC 1101.12 and CPC 1105.0)
	Asphalt shingles shall meet the classification requirements of CRC T-R905.2.4.1 or CBC T-1504.2 for the appropriate maximum basic wind speed.
	Ventilation Calculations: Provide Information on Roof Plan
	Roof cross-ventilation of not less than 1/150 of attic area. Indicate required ventilation area, the proposed type, size, number, and location of proposed ventilators. Provide manufacturer data. (CRC R806, CBC 1202.2)
	Detail and specify unvented assemblies. Provide specifications for air-impermeable insulation, where required
	A minimum of 1" of space shall be provided between the insulation and the roof sheathing and at the location of vents for vaulted ceiling or flat roofs. PROVIDE DETAILS ON PLAN (CRC R806.3, CBC 1202.2.1)

	<p>Under-floor cross-ventilation of not less than 1/150 of under floor area. Indicate required ventilation area, the proposed type, size, number, and location of proposed ventilators. Provide manufacturer data. (CRC 408.2, CBC 1202.4)</p> <ol style="list-style-type: none"> 1. Provide under-floor ventilation opening size and locations equal to 1/150 of under-floor area OR 1/1500 of under-floor area if ground surface is covered with Class I vapor retarder material. One ventilation opening shall be within 3 ft. of each corner of the building. Openings shall have 1/4" maximum corrosion resistant metal mesh covering (CRC R408.2, CBC1402.4.1). 2. Indicate required area, the proposed number and size of vents on the floor plan. 3. Unvented under floor space shall comply with CRC R408.3.
	Elevations
	Note on Elevation drawings:
	Any addition or changes made to the approved Exterior elevation design either on the drawings or during construction will require Planning Division and Building & Safety Division review and approval and may result in a delay of the project or the removal of non-approved work.
	Show new exterior elevations. Include exterior elevations of all walls removed and new openings cut into existing walls.
	On the exterior elevations, dimension the distance from eave to property line.
	Show detail of No. 26 galvanized sheet gage weep screed with a 3-1/2" flange at stucco siding placed a minimum of 4 inches above earth or 2 inches above paved areas. (CRC R703.7.2.1, CBC 1404.11.1.2.1)
	Section
	Provide full height cross-section showing framing, interior/exterior sheathing, plate height, insulation, foundation, finish grade, etc.
	Provide insulation values, coordinated with CF-1R energy report.
H. FIRE-RESISTANCE RATED CONSTRUCTION:	
	Sprinklered Construction:
	Provide assembly detail for exterior walls with < 3ft fire separation distance shall be 1-hour rated construction with exposure from outside and shall have no openings. (CRC T-R302.1(1), CBC T-705.5) .
	Provide assembly detail for projections (e.g. eave overhangs or cornices) with ≥ 2ft. to <3 ft. minimum fire separation distance shall be 1-hour rated on the underside (for sprinklered building per CRC T-R302.1(2), CBC T-705.2).
	Non-Sprinklered Construction:
	Provide assembly detail for exterior walls with < 3ft fire separation distance shall be 1-hour rated construction with exposure from both sides and shall have no openings (CRC T-R302.1(1), CBC T-705.5) .
	Provide assembly detail for exterior walls with 3ft to <5 ft. minimum fire separation distance shall be 1- hour rated construction with exposure from both sides, have 25% maximum of wall area openings, and projections ≥ 2ft to <5ft min fire separation distance shall be 1-hr rated on the underside (CRC T-R302.1(1), CBC T-705.5) .
	Provide assembly detail for projections (e.g., eave overhangs or cornices) with ≥ 2ft. to < 5ft. minimum fire separation distance shall be 1-hour rated on the underside (CRC T-R302.1(1), CBC T-705.2) .
	Detached garages accessory to a dwelling located within 2 ft. of a lot line are permitted to have roof eave projections not exceeding 4" (CRC R302.1 exception 4, CBC 406.3.2.1) .
	Provide assembly details for vertically and/or horizontally separation, showing fire rating, between dwelling units. Indicate if sprinklers are to be installed. Vertical separation assemblies must extend through attic space. Contact Fire Dept. for any additional information. Reference the sound transmission requirement on the detail. (CBC 420)
	Buildings adjacent to ascending or descending slopes steeper than 33.3% (1 unit vertical in 3 units horizontal) shall be setback according to the requirements of CRC R403.1.7 or CBC 1808.7 .
I. MEANS OF EGRESS:	
	For habitable levels or basements located more than one story above or more than one story below an egress door, the maximum travel distance from any occupied point to a stairway or ramp that provides egress from such habitable level or basement shall not exceed 50 feet (CRC R318.4)
	There shall be a landing or floor on each side of each exterior door. The width of the landing shall not be less than the door served. Landings at doors shall have a length measured in direction of travel of not less than 36 inches. (CRC R318.3, CBC 1010.1.5)

		The required egress door shall open directly into a public way or to a yard or court that opens to a public way. (CRC R318.1, CBC 1031.2)
		a) Provide at least one egress door, side-hinged and a minimum clear width of 32" when measured between the face of the door and the stop, with the door open 90 degrees. The minimum clear height is 78" measured from the top of threshold to the bottom of stop (CRC R318.2, CBC 1010.1.1)
		b) The landings or finished floors shall not be more than 1½" lower than the top of threshold except the landing or floor on the exterior side shall not be more than 7¼" below the top of threshold provided the door does not swing over the landing or floor (CRC 318.3.1, CBC 1010.1.4)
		Doors other than the required egress door shall be provided with landing or floors not more than 7¼" below the top of threshold except 2 or fewer risers stairway located on the exterior side of door and the door does not swing over the stairway (CRC R311.3.2, CBC 1010.1.5)
J. DOORS & WINDOWS SCHEDULES:		
		Provide the Following Information on Door & Window Schedule
		The following note shall be reproduced on the window schedule as shown below:
		NOTE: THE NFRC TEMPORARY LABEL DISPLAYED ON WINDOWS AND SKYLIGHTS (INCL. TUBULAR) MUST REMAIN ON THE UNIT UNTIL FINAL INSPECTION HAS BEEN COMPLETED.
		Window Schedule must be included on the Floor Plan sheet indicating the size, operation, glazing type, U factor, SHGC and window material. The Schedule must clearly note that bedroom egress windows have a <i>minimum clear opening</i> area of 5.7 SF when above the grade-floor and 5 SF on the grade-floor, a minimum net height of 24", a minimum net width of 20", and a sill height not more than 44" above finish floor. (CRC R319, CBC 1031) Glazed door is an exterior door having a glazed area ≥ 25% of the area of the door. Manufacturer's data showing compliance with egress requirements must be reproduced on the drawings for any windows deviating from the approved window sizes shown on the City of Burbank Conventional Construction sheet.
		Window fall protection shall be provided where the top of the sill of an operable window opening is located less than 24" above the finished floor and greater than 72" above the finished grade or other surface below on the exterior of the building. The operable windows with openings such that a 4-inch sphere cannot pass, or provide window fall prevention device or window opening control devices that comply with ASTM F2090. (CRC R321.2.1, CBC 1015.8)
		A Natural Light calculation showing that the window area is at least 8% of the floor area of the room served (CRC R325.1.1, CBC 1204.2)
		A Natural Ventilation calculation showing that the minimum open able area to the outside is 4% of the floor area being ventilated (CRC R325.1.2, CBC 1202.5)
		Safety glazing (tempered glazing) is required for the following: 1. Fixed and operable panels of swinging, sliding, and bi-fold doors 2. Where the glazing is within 24" of either side of the door in the plane of the door in a closed position and where the bottom edge of the glazing is less than 60" above the floor. (CRC R324.4.2 item 1, CBC 24.6.4.2) 3. Where the glazing is on a wall less than 180 degrees from the door in a closed position and within 24" of the hinge side of an in-swinging door. (CRC R324.4.2 item 2, CBC 2406.4.7) 4. Glazing in an individual fixed or operable panel with an exposed area in the individual pane larger than 9 sq. ft., the bottom edge of the glazing is 18 in. above the floor, the top edge of the glazing is more than 36 in. above the floor and has one or more walking surfaces within 36 in. of the glazing. (CRC R324.4.3, CBC 2406.4.3) 5. Glazing less than 60" above a shower or tub floor. (CRC R324.4.5, CBC 2406.4.5) 6. Glazing where the bottom edge is less than 36" above the stairways, landings, and ramps. (CRC R324.4.7, CBC 2406.4.6) 7. Glazing adjacent to the stairway bottom landing where the glazing is less than 36" above the landing and within 60" horizontal arc less than 180 degrees from the bottom tread nosing shall be safety glazing. (CRC R324.4.7, CBC 2406.4.7) 8. Glazing in guards and railings. (CRC R324.4.4, CBC 2406.4.4)
		Adjoining Spaces:
		The room or space complies with the requirements for an adjoining space in accordance with (CRC R325.1.3, CBC 1204.2.1) .

		A minimum of 50% of the common wall must be open providing an unobstructed area of not less than 10% of the interior room or 25 sf, whichever is greater (CRC R325.1.3, CBC 1204.2.1) .
		The room or space complies with the requirements for an adjoining space in accordance with (CRC R325.1.3, CBC 1202.5.1.1)
		Skylights: indicate the ICC # on the plans and provide a detail showing the type of curb mounting used. Include the unit, U-Factor, and SHGC on the Window Schedule. For prefabricated skylights: <ol style="list-style-type: none"> 1. Specify manufacturer, model, and ICC/UL number (CRC R324.6.9, CBC 2405.5). 2. All unit skylights installed in a roof with a pitch flatter than 3:12 shall be mounted on a curb extending at least 4" above the roof unless otherwise specified in the manufacturer's installation instructions (CRC R324.6.8, CBC 2405.4). 3. For fully tempered or heat-strengthened glass, a retaining screen shall be installed below the glass. (CRC R324.6.3, CBC 2405.3)

K. STAIRS / GUARDRAILS / BALCONIES:

Show on Plans or Details and Reference Notes on Plans or Details			
		<p>Provide enlarged plans, section and details of interior/exterior stairway showing:</p> <ol style="list-style-type: none"> 1. Minimum clear width of 36". (CRC R318.7.1, CBC 1011.2 exception 1) 2. Maximum riser height of 7¾" and minimum tread depth of 10". (CRC R318.7.5, CBC 1011.5.2 exception 3) 3. Nosing projection shall be provided on stairway with solid risers except where the minimum tread depth is 11". Nosing projection shall be ¾" minimum and 1¼" maximum with a 9/16" maximum nosing radius or ½" bevel. (CRC R3187.5.3, CBC 1011.5.2 exception 3) 4. Nosing shall have a curvature or bevel of not less than 1/16 "but not more than 9/16 ". The nosing shall project not more than 1¼". (CRC R3187.5.3, CBC 1011.5.5) 5. Open risers are permitted provided that the opening located more than 30" vertically to floor or grade below do not permit the passage of a 4" diameter sphere. (CRC R3187.5.1) 6. Minimum head room of 6'-8". (CRC R318.7.2, CBC 1011.3) 7. A flight of stairs shall not have a vertical rise larger than 12feet inches between floor levels or landings (CRC R318.7.3), or 12 feet (CBC 1011.8) 8. Framing (stringer) size, bracing, connections, footings. 9. Enclosed accessible space under interior stair requires 1 layer of ½" gypsum board on enclosed side. (CRC R302.7, CBC 1011.7.3) 	
		<p>Provide detail of Guardrail (CRC R321.1.1, CBC 1015.2):</p> <ol style="list-style-type: none"> 1. Provide 42" minimum high guards for open-sided walking surfaces, porches, balconies, including stairs, ramps and landings that are located more than 30 inches above grade or floor below within 36" to the edge of the open side. Openings between rails shall be less than 4 inches in diameter. 2. The triangular openings formed by riser, tread and bottom of guardrail shall be sized so that a 6" sphere cannot pass through. 3. Guards on the open side of stairs shall not have openings which allow passage of a sphere 4 3/8" in diameter. 	
		Provide connection details of guardrail and-or handrail on open side of balconies, decks, landings, and stairs adequate to support a single concentrated 200 lbs. load applied in any direction at any point along the top. (CRC T-R301.5, CBC T-1607.1)	
		Minimum Uniformly Distributed Live Loads, and Minimum Concentrated Live Loads (CBC T-1607.1)	
	OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
	5. Balconies and decks	1.5 times the live load for the area served. Not required to exceed 100 psf	---
Exterior Balcony Moisture Protection:			
		<p>Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include: (CRC R106.1.6, CBC 107.2.5)</p> <ol style="list-style-type: none"> 1. Details for all elements of the impervious moisture barrier system. 2. Manufacturer's installation instructions. 3. Manufacturer and ICC/UL/FM number. 4. Balcony slope of all areas on the plan. 5. Note on plan that installation shall be in accordance with manufacturer's specifications. 	

	Wood structural members that support moisture-permeable floors or roofs that are exposed to the weather, such as concrete or masonry slabs, shall be of naturally durable or preservative-treated wood unless separated from such floors or roofs by an impervious moisture barrier. The impervious moisture barrier system protecting the structure supporting floors shall provide positive drainage of water that infiltrates the moisture-permeable floor topping. (CRC R304.1; CBC 2304.12.2.4)
	Enclosed framing in exterior balconies and elevated walking surfaces that are exposed to rain, snow, or drainage from irrigation, shall be provided with openings that provide a net free cross ventilation area not less than 1/150 of the area of each separate space. (CRC R304.1.3, CBC 2304.12.2.5) Provide the following information on Plans: 1. Ventilation calculations for balcony and/or elevated walking surface. 2. Ventilation detail showing how net free cross ventilation is to be achieved. Provide manufacturer data.
	Exterior Balcony Inspections:
	Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall not be concealed until inspected and approved. (CRC R109.1.5.3, CBC 110.3.6)
L. GARAGE:	
	The garage/driveway access shall comply with the City of Burbank Municipal Code. (BMC 10-1-628(I))
	New or remodeled garages, either attached or detached, shall have a minimum inside clear dimension of 9.5' x 19'. All parking spaces must be clear of any encroachment into this area. Note and dimension on floor plan.
	Electric Vehicle (EV) Charging: Newly constructed one-and two-family dwellings and townhouses with attached garages shall comply with electric vehicle (EV) charging infrastructure requirements in accordance with 2025 CALGreen Division 4.106.4.
	Openings from a private garage directly into a room used for sleeping purposes are not permitted. (CRC R302.5.1, CBC 406.2.5)
	A 1 3/8" solid core wood door, a 1 3/8" solid or honeycomb core steel door, or a 20-minute fire-rated door, and self-closing and self-latching is required when providing direct access from the garage to the dwelling. (CRC R302.5.1, CBC 406.3.2.1)
	Ducts penetrating walls or ceilings separating the dwelling from the garage shall be a minimum No. 26 gage sheet steel, and there shall be no duct openings into the garage (CRC R302.5.2, CBC 406.3.2.2) .
	Other penetrations of the garage/dwelling ceilings and walls are to be protected as required by CRC R302.5.3 .
	A minimum of 1/2" gypsum board applied to the walls on the garage side separating the garage from the dwelling and its attic. Garages beneath habitable rooms shall be separated by 5/8" Type X gypsum board. (CRC R302.6, CBC 406.3.2.1) .
	Garage floor surfaces shall be of an approved noncombustible material, and the area used to park vehicles shall be sloped to a drain or toward the main vehicle entry (CRC R309.1, CBC 406.2.4) .
	Show how heat producing appliances (water heater/dryer/furnace) or energy storage system in garage will be protected from automobile damage (wheel blocks are not sufficient). (CMC 305.1.1, CPC 507.13.1) . Provide detail of protection.
	Garages located less than 3 ft. from a dwelling unit on the same lot shall be separated by not less than 1/2" gypsum board or equivalent applied to the interior side of exterior walls that are within the area. (CRC T-R302.6, CBC T-705.5)
	Carports shall be open on at least two sides and there are no enclosed areas above. Carports that are not open on at least two sides shall be considered as a garage and shall comply with the provisions for garages. (CRC R317, CBC 406.3.3)
	Infill for Accessory Dwelling Unit:
	When an existing garage door is to be infilled, provide a detail indicating an 8 inch curb installed at existing opening.

	Provide the following note:
	NOTE: WHEN THE EXISTING GARAGE DOOR IS INFILLED, AN 8 INCH CURB DETAIL IS TO BE PROVIDED AND VERIFICATION THAT THERE IS EITHER AN EXISTING FOUNDATION OR A NEW FOUNDATION HAS BEEN INSTALLED UNDER EXISTING OPENING.
M. FIRE HAZARD SEVERITY ZONE REQUIREMENTS:	
	Show on Plans
	CWUI 403 – Access: Roads and driveways, whether public or private, unless exempted under 14 CCR1270.03(d), shall provide for safe access for emergency wildfire equipment and civilian evacuation concurrently, and shall provide unobstructed traffic circulation during a wildfire emergency consistent 403.1.1 to 403.1.9.
	CFC 505 – Address: Address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Each character shall be not less than 4 inches high with a minimum stroke width of 1/2 inch. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure.
	CWUI 404 – Water Supply: An approved water source shall have an adequate water supply for the use of the fire protection service to protect buildings and structures from exterior fire sources or to suppress structure fires within the wildland-urban interface area.
	CWUI 503 – Ignition-Resistant Construction: Buildings and structures hereafter construction, modified or relocated into or within wildland-urban interface areas shall meet the construction requirement in accordance with Chapter 5. Material required to be ignition-resistant building materials shall comply with the requirement of Section 503.2.
	CWUI 504.2 – Roof Assembly: Roofs shall have a roof assembly that complies with a Class A fire classification when tested in accordance with ASTM E108 or UL 790.
	CWUI 504.2.2 – Roof Valleys: Where provided, valley flashing shall be not less than 0.019 inch (No. 26 galvanized sheet gage) corrosion-resistant metal installed over a minimum 36-inch-wide underlayment consisting of one layer of 72-pound mineral-surfaced, nonperforated cap sheet complying with ASTM D3909 running the full length of the valley.
	CWUI 504.3 – Protection of Enclosed Eaves: The exposed underside of enclosed roof eaves and soffits shall be protected on the exposed underside by one or more of the following: <ul style="list-style-type: none"> • Noncombustible materials. • Ignition-resistant building materials. • Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263. • 2-inch nominal dimension lumber. • 1-inch nominal fire-retardant-treated lumber or 3/4 inch nominal fire-retardant-treated plywood, identified for exterior use and complying with Section 2303.2 of the CBC. • Boxed-in roof eave soffit assemblies with an underside that meets the performance criterion in Section 504.7.2 when tested in accordance with test procedures set forth in ASTM E2957. • Boxed-in roof eave soffit assemblies with an underside that meets the performance criteria in accordance with the test procedures set forth in SFM Standard 12-7A-3.

	<p>CWUI 504.3.1 – Protection of Open Eaves: The exposed roof deck on the underside of unenclosed eaves shall consist of one or more of the following:</p> <ul style="list-style-type: none"> • Noncombustible materials. • Ignition-resistant building materials. • Materials approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263. • 2-inch nominal dimension lumber. • One layer of 5/8 inch Type X gypsum sheathing applied behind an exterior covering on the underside of the roof deck. • The exterior portion of a 1-hour-fire-resistance-rated exterior assembly, as tested in accordance with ASTM E119 or UL 263, applied to the underside of the roof deck designed for exterior fire exposure, including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual.
	<p>CWUI 504.4 – Gutters and Downspouts: Gutters and downspouts shall be constructed of noncombustible material. Gutters shall be provided with an approved means to prevent the accumulation of leaves and debris in the gutter.</p>
	<p>CWUI 504.5 – Exterior Walls: Exterior walls of building or structures shall be constructed with one or more of the following methods, unless they are covered with an exterior wall covering complying with Section 504.5.2 and 504.2.1:</p> <ul style="list-style-type: none"> • 1-hour fire-resistance-rated construction on the exterior side. • Noncombustible materials. • Heavy timber. Assembly of sawn lumber or glue-laminated wood with the smallest minimum nominal dimension of 4 inches. Sawn or glue-laminated planks splined, tongue-and-groove or set close together and well spiked. • Log wall construction. • Wall assemblies that have been tested in accordance with the test procedures for a 10-minute direct flame contact exposure test set forth in ASTM 2707 with the conditions of acceptance shown in Section 504.9.3. • Wall assemblies that meet the performance criteria in accordance with the test procedures for a 10-minute direct flame contact exposure test set forth in SFM Standard 12-7A-1. • Wall assemblies suitable for exterior fire exposure containing on layer of 5/8-inch Type X gypsum sheathing applied behind the exterior wall covering or cladding on the exterior side of the framing. • Wall assemblies suitable for exterior fire exposure with a 1-hour fire-resistance rating, rated from the exterior side, as tested in accordance with ASTM E119 or UL 263. • Fire-retardant-treated wood labeled for exterior use and complying with Section 2303.2 of the CBC.
	<p>CWUI 504.6 – Underfloor Enclosures: Buildings or structures shall have under floor areas enclosed to the ground with exterior walls in accordance with Section 504.5. EXCEPTION: Complete enclosure shall not be required where the underside of exposed floors and exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour <i>fire-resistance-rated construction</i> or <i>heavy timber construction</i> of fire-retardant-treated wood. The fire-retardant-treated wood shall be labeled for exterior use and meet the requirements of Section 2303.2 of the CBC.</p>

	<p>CWUI 504.7 Projections: Unenclosed accessory structures attached to buildings with habitable spaces and projections, other than decks, shall be heavy timber construction of one of the following:</p> <ul style="list-style-type: none"> • Noncombustible materials. • Fire-retardant-treated wood identified for exterior use and meeting the requirements of Section 2303.2 of the CBC. • Ignition-resistant building materials in accordance with Section 503.2. • Material approved for not less than 1-hour fire-resistance-rated construction on the exterior side, as tested in accordance with ASTM E119 or UL 263. • One layer of 5/8 inch Type X gypsum sheathing applied behind the exterior covering on the underside of the ceiling. • The exterior portion of a 1-hour fire-resistant-rated exterior assembly, as tested in accordance with ASTM E119 or UL 263, applied to the underside of the ceiling assembly, including assemblies using the gypsum panel and sheathing products listed in the Gypsum Association Fire Resistance Design Manual. • The underside of a floor projection assembly that meets the performance criteria in Section 504.7.2 when tested in accordance with the test procedures set for in ASTM E2957. • The underside of a floor projection assembly that meets the performance criteria in accordance with the test procedures set forth in SFM Standard 12-7A-3.
	<p>CWUI 504.7.3 – Decks: Flashing – A minimum of a 6-inch metal flashing, applied vertically on the exterior of the wall, shall be installed at all deck-to-wall intersections. Decking Surfaces – Walking surfaces of decks, porches, balconies and stairs shall be constructed with any of the following materials.</p> <ul style="list-style-type: none"> • Material that complies with the performance requirements of Section 504.7.3.3 and tested in accordance with ASTM E2632 and ASTM E2726. • Ignition-resistant building materials that complies with the performance requirements of Section 503.2.4. • Material that complies with performance requirement of both SFM Standard 12-7A-4 and Section 503.2.4. • Fire-retardant-treated wood labeled for exterior use and complying with Section 2303.2 of the CBC. • Noncombustible material • Any material that complies with the performance requirements of SFM Standard 12-7A-4A and any attached exterior wall covering that is noncombustible or ignition-resistant building materials. • Any material that complies with the performance requirements of Section 504.7.3.4 when tested in accordance with ASTM E2632 and any attached exterior wall coving that is noncombustible or ignition-resistant building materials.
	<p>CWUI 504.8 Exterior Glazing: Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be constructed of any of the following:</p> <ul style="list-style-type: none"> • Multilayered glazed panels with at least one pane of tempered glass complying with Section 2406 of the CBC. • Glass block. • Glazing with a fire-protection rating of not less than 20 minutes when tested according to NFPA 257 or UL 9, and shall be exempt from the hose stream test. • Glazing meeting the performance requirements of SFM Standard 12-7A-2.
	<p>CWUI 504.9 – Exterior Doors: Exterior doors shall be constructed in accordance with any of the following:</p> <ul style="list-style-type: none"> • Noncombustible construction. • Solid-core wood not less than 1 3/4 inches thick. • Stiles and rails shall not be less than 1 3/8 inches thick. • Raised panels shall not be less than 1 1/4 inches thick. • Have a fire protection rating of not less than 20 minutes when tested according to NFPA 252, UL 10B or UL 10C. • The exterior surface or cladding meeting the performance requirements of Section 504.9.3 when tested in accordance with ASTM E2707. • The exterior surface of cladding shall be tested to meet the performance requirements of SFM Standard 12-7A-1.

	<p>CWUI 504.9.2 – Garage Doors:</p> <ul style="list-style-type: none"> • Automatic garage door openers for vehicle doors serving a residential building shall be equipped with a battery backup function. • Exterior garage doors shall resist the intrusion of embers by preventing gaps between doors and door openings at the bottom, sides and tops of doors, from exceeding 1/8 inch. Gaps between doors and door opening shall be controlled by one of more of the following methods: <ul style="list-style-type: none"> • Weather-stripping products constructed of materials that which comply with both of the following: <ol style="list-style-type: none"> a) The tensile strength of the material shall be tested in accordance with ASTM D638 before and after exposure to ASTM G155 for a period of 2,000 hours, and the maximum allowable difference in tensile strength values between exposed and nonexposed samples shall not exceed 10 percent. b) When tested to UL 94, the material shall have a flammability rating of V-2 or better. • Door overlaps onto jambs and headers. • Garage door jambs and headers covered with metal flashing.
	<p>CWUI 504.10 – Vents:</p> <p>Where provided, ventilation openings for enclosed attics, gable ends, ridge ends, under eaves and cornices, enclosed eave soffit spaces, enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters, underfloor ventilation, foundations and crawl spaces, or any other opening intended to permit ventilation, either in a horizontal or vertical surface, shall be in accordance with Section 504.10.1 or Section 504.10.2 to resist building ignition from the intrusion of burning embers and flame through the ventilation openings.</p>
	<p>CWUI 504.11 – Accessory Structures:</p> <p>Miscellaneous structures that require a permit, and accessory buildings of any size, when separated from an applicable building on the same lot by a distance of less than 3 feet, shall be constructed of noncombustible materials or ignition-resistant building materials as described in Section 503.2.4.</p> <p>Roof assemblies and roof coverings of accessory buildings required to be constructed entirely of noncombustible materials or of ignition-resistant building materials shall comply with Section 504.2 and 504.2.1. Roofs shall have a roofing assembly installed in accordance with its listing and the manufacturer's installation instructions. Roof assemblies in Fire Hazard Severity Zones shall comply with a Class A fire classification when tested in accordance with ASTM E108 or UL 790.</p>
	<p>CWUI 507 – Replacement or Repair of Roof Coverings:</p> <p>The roof covering on buildings or structures in existence prior to adoption of this code that are replaced or have 50 percent or more replaced in a 12-month period shall be replaced with a roof covering required for new construction in accordance with Section 504.2 and 504.2.1. All portions of a roof covering applied during an addition, alteration or repair to an existing structure shall meet at least a Class A fire classification.</p>
N. STRUCTURAL:	
	Structural calculations prepared by a registered design professional are required
	Lateral calculations prepared by a registered design professional are required
	Provide roof truss calculations prepared by a roof truss manufacturer, and coordinated by a registered design professional
	Specify grade and species of framing lumber, treated mudsills, type and grade of plywood, glued-laminated timber, design strength of concrete, rebar grade, ASTM designation of structural steel shapes, masonry units, mortar and grout strength.
	Cross reference all calculations for joists, beams, shear walls, etc. to framing/floor plans.
	Detail the shear transfer connections which transfer lateral forces from horizontal diaphragms through intermediate elements and shear walls to the foundation.
	Specify on the framing plans the shear wall material, thickness, size and spacing of fasteners and sole plate nailing. Call out anchor bolt spacing and hold down hardware on foundation plan.
	Detail how the interior shear walls are connected to the roof diaphragm.
	Check the shear wall overturning reactions on the beams/columns per ASCE 7 for the special seismic load combinations.
	Irregular structures which do not comply with prescriptive construction provisions shall be designed by a licensed design professional. (CRC R301.2.2.2.6, CBC 2308)
	Provide drag strut as noted on plans. Detail the strut and top plate connection.

		Design and details are required by a registered design professional for retaining walls that are not laterally supported at the top and that retain in excess of 24" of unbalanced fill. Retaining walls shall be designed for a safety factor of 1.5 against lateral sliding & overturning. (CRC R404.4, CBC 1807.2)
O. CONCRETE AND FOUNDATIONS:		
		Show Information on Foundation Plan
		Detail (and reference location on foundation plan) typical foundation sections for: perimeter walls, interior bearing walls, depressed slabs, foundation common to dwelling and garage, garage entrance, spread and/or post pads.
		Call out on foundation plan minimum thickness of 3½" concrete slab-on-ground floor, reinforcement and 10 mil polyethylene vapor retarder with joint lapped not less than 6" placed between the concrete floor slab and the base course or the prepared subgrade where no base course exists. (CRC R506). Capillary break shall be installed when a vapor retarder is required. (CRC R506.3.3.1, CBC 1907.4.1)
		Two #4 bars at top and two #4 bar at bottom are required.
		Footings must be 12" deep and 12" wide (CRC R403.1.1, R403.1.4, CBC 1809.4)
		Detail doweling to the existing foundation.
		5/8" diameter anchor bolts with a minimum 7" embedment @ 72" OC with 3"x3"x1/4" plate washers are required
		Details of deepened footing for hold-downs must be included on the plans.
		Specify size, embedment, spacing, ICC number and manufacturer of power-driven pins. (Not permitted on perimeter footings.)
		Show the location on Foundation plans for access openings to all under-floor spaces, 18" x 24" minimum access opening through the floor or 16" x 24" minimum access opening through a perimeter wall (CRC R408.4, CBC 1209.1). Through wall access openings shall not be located under a door).
P. FRAMING:		
		Show Information on Foundation and/or Framing Plan
		Detail (and reference location on framing plan) typical framing sections for: exterior/interior walls, roof-ceiling assemblies, framing openings, beams, posts, and wall bracing.
		Size, spacing, direction, and grade of floor girders
		Size, spacing, direction, and grade of floor joists
		Floor sheathing material, grade and thickness, and nailing
		Size, spacing, and grade of wall framing
		Size, spacing, direction, and grade of ceiling joists and/or rafter ties
		Size, spacing, and grade of beams
		Size, spacing, direction, and grade of roof rafters
		Roof sheathing material, grade and thickness, and nailing
		Roof Trusses: Provide shear transfer details at eaves, gable ends and interior walls
		Wood framing members that rest on concrete or masonry exterior foundation walls and are less than 8" from the exposed ground must be pressure treated (CRC R304.1, CBC 2304.12.1.2)
		Wood siding, sheathing and framing on the building exterior must be pressure treated if the clearance from ground is less than 6" or less than 2" measured vertically from concrete steps and slabs exposed to the weather (CRC R304.1, CBC 2304.12.1.5)
		There must be 18" clear under floor joists and 12" clear under girders. (CRC R304.1, CBC 2304.12.1.1)
		Shear walls conforming to the Wood Frame Prescriptive Provisions must be provided on plans, indicate all shear wall lengths on plan.
		Manufacturer's details for pre-engineered shear walls must be printed and cross referenced on the plans.
		Manufacturer's details for allowable penetrations through pre-engineered joists and beams must be printed on the plans.

Q. ENERGY CODE REQUIREMENTS:	
	A complete energy calculation must be submitted using either the Performance Method or the Prescriptive Method .
	Forms CF-1R and MF-1R must be reproduced on the drawings and signed by the Designer or Owner and the Document Author. The complete energy report and calculations shall be submitted with the plans.
	The project does not meet prescriptive standards. Performance Method calculations must be performed by an approved computer compliance program, either Energy Pro 9.4.0 or CBECC-Res 2025.1.0 . Digital signatures from Document Author and Designer or Owner are required.
	All Single-Family Residential Buildings Shall Have A Newly Install Photovoltaic System. (Cal Energy Code 150.1(c)14)
	Photovoltaic Requirements for New Construction: <ol style="list-style-type: none"> 1. Show a solar zone having a total area of no less than 250 SF. (Cal Energy Code 110.10(b)) 2. Provide the calculations for the dwelling's Annual Photovoltaic Electrical Output per California Energy Code equation 150.1-C. 3. Show where the PV system sized by the Annual Photovoltaic Electrical Output calculations is to be installed. 4. Minimum PV system size: if system calculates to less than 1.8 kW_{dc} (718 SF or smaller) a PV System is not required. (Cal Energy Code 150.1-C Exception 2) 5. Note that the PV system must be installed prior to final inspection.
	For new buildings and additions over 1,000 sf, the entire project shall comply with whole-building ventilation as stipulated in ASHRAE 62.2.
	ECC VERIFICATION: When required, the following shall be reproduced on the Cover Sheet or the Floor Plans of the submitted Construction Drawing Set:
	ECC VERIFICATION REQUIREMENT _____ Firm or individual responsible for the verification: Name: _____ License No.: _____
	The CF-1R and Mandatory Measures Forms must be reproduced on the construction drawing set.
	Radiant Barrier
	Show Information on Plan
	When a Radiant Barrier is required for compliance, <u>indicate installation method and show detail on plans</u> . Radiant barriers can be installed in any of the following methods: <ol style="list-style-type: none"> 1. Draped over the top chord of the truss/rafters. 2. Fastened/stapled to the sides of the truss/rafters. 3. Fastened/stapled to the bottom of the truss/rafters, maintaining a minimum of 1.5 inches of air space between the radiant barrier and the bottom of the roof sheathing. 4. Laminated directly to the underside of the roof sheathing, perforated by the manufacturer to allow moisture/vapor transfer through the roof decking material. 5. In addition, the radiant barrier shall be installed to cover all gable end walls and other vertical surfaces in the attic.
	Add Note to Plan:
	RADIANT BARRIER: The radiant barrier shall have an emittance value of less than or equal to 0.05 and be installed in the upper portion of the building's truss/rafters, covering the entire roof/attic (including all gable ends), with the reflective surface facing down toward the attic.
	Insulation
	Indicate insulation in assemblies on floor plan and sections
	Battery Energy Storage System Ready (150.0(s)):
	<ol style="list-style-type: none"> 1. Provide at least one of the following: <ol style="list-style-type: none"> A. BESS-ready interconnection equipment with a minimum backed up capacity of 60 amps and a minimum of four BESS-supplied branch circuits, Or B. A dedicated raceway from the main service to a panelboard (subpanel) that supplies the branch circuits. All branch circuits are permitted to be supplied by the main service panel prior to the installation of a BESS. The trade size of the raceway must be not less than 1 inch. The panelboard that supplies the branch circuits (subpanel) must be labeled "Subpanel shall include all backed-up load circuits." And

		2. A minimum of four branch circuits must be identified and have their source of supply collocated at a single panelboard suitable to be supplied by the BESS. At least one circuit must supply the refrigerator, one must supply the lighting circuit near the primary egress, and at least one circuit must supply a sleeping room receptacle outlet; And
		3. The main panelboard must have a minimum busbar rating of 225 amp; And
		4. Sufficient space must be reserved to allow future installation of a system isolation equipment or transfer switch within 3 ft of the main panelboard. Raceways must be installed between the panelboard and the system isolation equipment or transfer switch location to allow the connection of backup power source.
	Heat Pump Space Heater Ready (150.0(t)): If natural or propane gas furnaces are installed:	
		1. Dedicated, 240-volt branch circuit wiring must be installed within 3 ft from the furnace and accessible to the furnace with no obstructions. The branch circuit conductors must be rated at 30 amps minimum. The blank cover must be labeled "240V ready." All electrical components must be installed in accordance with the <i>California Electrical Code</i> ; And
		2. The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker permanently labeled "For Future 240V use."
	Electric Cooktop Ready Systems (150.0(u)): If using a gas or propane cooktop to serve individual dwelling units must include the following:	
		1. Dedicated, 240-volt branch circuit wiring must be installed within 3 ft from the cooktop and accessible to the cooktop with no obstructions. The branch circuit conductors must be rated at 50 amps minimum. The blank cover must be labeled "240V ready." All electrical components must be installed in accordance with the <i>California Electrical Code</i> ; And
		2. The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker for a future electric cooktop installation. The reserved space must be permanently labeled "For Future 240V use."
	Electric Clothes Dryer Ready (150.0(v)): Clothes dryer locations with gas or propane plumbing to serve individual dwelling units must include the following:	
		1. Dedicated, 240-volt branch circuit wiring must be installed within 3 ft from the clothes dryer location and accessible to the clothes dryer location with no obstructions. The branch circuit conductors must be rated at 30 amps minimum. The blank cover must be labeled "240V ready." All electrical components must be installed in accordance with the <i>California Electrical Code</i> ; And
		2. The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker for a future electric clothes dryer installation. The reserved space must be permanently labeled "For Future 240V use."

The Following Notes Shall Be Reproduced On The Submitted Construction Drawing Sets:

GENERAL NOTES & NOTE BLOCKS

- GENERAL NOTES:**
1. All construction shall comply with the 2025 edition of the California Residential, **OR** Building Code, Electrical, Mechanical, and Plumbing Code as adopted and amended by the State of California in Title 24 CCR and the City of Burbank local amendments.
 2. Separate permits may be required for electrical, mechanical, plumbing, shoring, grading, and demolition
 3. All property lines, easements, and existing buildings have been indicated on this site plan.
 4. A security fence shall be provided around the construction area that shall be installed prior to excavation and/or foundation trenching. **(BMC 9-1-2-3302.4)**
 5. Water shall be provided on the site and used to control dust.
 6. Temporary toilet facilities shall be provided on site. **(BMC 9-1-2-3305.1)**
 7. The finish grade shall slope a min. of 5%, or 6", to point 10 feet from building foundation, or to an approved alternate method of diverting water away from the foundation. Swales shall slope a minimum of 2%. **(CBC 1804.4, CRC R401.3)**
 8. The top of the exterior foundation shall extend above the elevation of the street gutter a minimum of 12" plus 2%. **(CBC 1808.7.4, CRC R403.1.7.3)**

Provide on the cover of the plans a note identifying which building code is being used for this project, either:

- **The 2025 California Building Code (CBC) OR**
- **The 2025 California Residential Code (CRC)**

*Section 1.1.7.3.1 of the CBC and the CRC states that detached one- and two-family dwellings may be designed and constructed in accordance with the CBC or the CRC, **but not both**, unless the proposed structure or element exceeds the design limitations established in the CRC, and the code user is specifically directed by the CRC to use the CBC.*

- On the **COVER SHEET** list only, the specific applicable codes used for this project.
- **2025 California Building Code**
 - **2025 California Residential Code**
 - **2025 California Electrical Code**
 - **2025 California Mechanical Code**
 - **2025 California Plumbing Code**
 - **2025 California Energy Code**
 - **2025 California Wildland-Urban Interface**
 - **2025 California Fire Code**
 - **2025 California Green Building 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).**

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).**

RESIDENTIAL PARTIAL DEMOLITION NOTE:
Partial demolition of a residential structure in association with a construction project is only permitted where indicated on the approved plans. Any demolition work beyond that shown on the approved plans may result in a Stop Work Order **(CBC Chapter 1 Sec. 115)** and/or revocation of the permit **(CBC Chapter 1 Sec. 105.6)**. Additional demolition work may also require compliance with **Burbank Municipal Code Sec. 10-1-1810** if more than 50% of the structure is demolished.

The Following Notes Shall Be Reproduced On The Structural Plan Sheet Of The Submitted Construction Drawing Sets:

STRUCTURAL NOTES & NOTE BLOCKS

FOUNDATION NOTES:
 1. Concrete strength for foundations shall be 2,500 psi min.
 2. Minimum footing reinforcement shall be two #4 bar top and bottom.
 3. Minimum anchor bolt size and spacing shall be 5/8" dia. AB @ 72" oc., with 7" embedment, and 3" x 3" x 1/4" plate washers. Anchor bolts shall be located a maximum of 12" and 4 1/2" minimum from the end of the plate.

STRUCTURAL OBSERVATION

Firm or individual responsible for the structural observation:
 Name: _____ Calif. Reg: _____

FOUNDATION	WALLS & WALL FRAMING	OTHER STRUCTURAL MEMBERS	ROOF AND FLOOR 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	Masonry Wall Frame	Other
Stepped Footing, Hillside	Other	Other	Other

SPECIAL INSPECTION

ITEMS
Concrete over 2,500 psi
Bolts installed in Concrete
Special Moment -Resisting Concrete Frame
Reinforcing Steel and Steel Tendons
Structural Welding
High-strength Bolting
Structural Masonry
Reinforced Gypsum Concrete
Insulating Concrete Fill
Spray-Applied Fire Resistive Materials
Piling, Piers, and Caissons
Shotcrete
Special Grading, Excavation, and Fill
Structural Wood
Smoke-Control System
Other

The Following Notes Shall Be Reproduced On The Electrical Plan Sheet Of The Submitted Construction Drawing Sets:

NOTE ON PLAN:	
A. Luminaire Efficacy: All installed luminaires must meet the requirements in Table 150.0-A.	
Table 150.0-A Classification of High Luminous Efficacy Light Sources	
Automatically considered high luminous efficacy (does NOT require JA8 certification)	Must be JA8 certified/marked
1. LED light sources installed outdoors	7. All light sources installed in ceiling recessed downlight luminaires: Note that ceiling-recessed downlight luminaires must not have screw base sockets regardless of lamp type, as specified in §150.0(k)1C.
2. Inseparable solid-state lighting (SSL) luminaires containing colored light sources that are installed to provide decorative lighting	8. Anything not listed in this table
3. Pin-based linear fluorescent or compact fluorescents with electronic ballasts	
4. High-intensity discharge (HID) light sources including pulse start metal halide and high-pressure sodium light sources	
5. Luminaires with a hardwired, high-frequency generator and induction lamp	
6. Ceiling fan lights kits subject to federal appliance regulations	
EXCEPTIONS:	
<ol style="list-style-type: none"> 1. Integrated Device Lighting: Lighting integral to exhaust fans, kitchen range hoods, bath vanity mirrors and garage door openers 2. Navigation Lighting: Lighting such as night lights, step lights and path lights less than 5 watts 3. Cabinet Lighting: Lighting internal to drawers, cabinetry and linen closets with an efficacy of 45 lumens per watt or greater 	
B. Screw-based Luminaires: Screw-based luminaires must contain lamps that comply with Reference Joint Appendix JA8.	
C. Recessed Downlight Luminaires in Ceilings: There is a new exception to the airtight labeling and installation requirements for recessed luminaires that are either marked for use in fire-rated installations or are installed in non-insulated ceilings.	
D. Light Sources in Enclosed or Recessed Luminaires: No change, although this section has been reorganized.	
E. Blank Electrical Boxes: Language is added about how the blank electrical boxes must be served for dimmer, vacancy sensor control, low voltage wiring or fan speed control.	
INDOOR LIGHTING CONTROLS	
E. Automatic-off Controls: Walk-in closets have been added in addition to bathrooms, garages, laundry room and utility rooms as spaces requiring an occupancy/vacancy sensor with automatic-off functionality. It was clarified that lighting in opaque-fronted drawers and cabinetry must be controlled with automatic-off when a drawer or door is closed.	
F. Dimming Controls: Dimmers that are required for lighting in habitable spaces (e.g., living rooms, dining rooms, kitchens and bedrooms) must have readily accessible dimming controls. Forward phase-cut dimmers controlling LED light sources in these spaces must comply with NEMA SSL 7A.	
EXCEPTIONS:	
<ol style="list-style-type: none"> 1. Ceiling fans with integrated lighting may use remote control. 2. Luminaires connect to a circuit in which the controlled lighting power is <20 watts OR controlled by an occupancy/vacancy sensor providing automatic-off functionality. 3. Lighting is under <5 watts for navigation (e.g., night lights, step lights and path lights), or lighting is internal to opaque-fronted drawers and cabinetry (which may alternatively use automatic-off controls). 	
G. Independent Controls: The following must be controlled independently:	
<ul style="list-style-type: none"> • Integrated lighting of exhaust fans from the fan function • Undercabinet lighting • Undershelf lighting • Interior lighting of display cabinets • Switched outlets 	

The Following Notes Shall Be Reproduced On The Electrical Plan Sheet Of The Submitted Construction Drawing Sets:

ELECTRICAL NOTES per 2025 California Electrical Code

A. PANEL LOCATIONS

Panels shall not be located in the vicinity of easily ignitable material, such as clothes closets [CEC 240-24(D)], or in bathrooms [CEC 240-24(E)].

B. NON-METALLIC SHEATHED CABLE [CEC 334]

Non-metallic sheathed cable shall be:

1. Protected by rigid metal conduit, intermediate metal conduit, electrical metallic tubing, schedule 80 PVC conduit, type RTRC marked with the suffix -XW, or other means when cable is exposed or subject to physical damage. [CEC 334.15(B)]
2. Protected by a 1/16-inch steel plate or sleeve or be not less than 1-1/4 inch from the nearest edge of the framing member, when installed through framing members. Steel plates or sleeves are required on all double shear walls when cable is installed either through or parallel to framing members [CEC 334.17, 300.4].
3. Protected by guard strips within 6 feet of an attic access when no permanent stairs or ladders are provided [CEC 334.23, 320.23].
4. Protected by guard strips in the entire attic when permanent stairs or ladders are provided. Access panels or doors from the second floor into the attic are considered permanent access and guard strips are required in the entire attic [CEC 320.23].
5. Have a bending radius not less than 5 times the diameter of the cable [CEC 334.24].
6. Supported at intervals not exceeding 4-1/2 feet and within 12" of every outlet box, junction box, cabinet, or fitting [CEC 334.30].

C. CIRCUITS AND RECEPTACLES

1. Tamper-Resistant Receptacles shall be installed as specified in dwelling units in all areas specified in 210.52 and 550.13. [CEC 406.12]
2. Receptacles shall be installed so that no point along the floor line in any wall space is more than 6 ft. from an outlet, including any wall space 2 ft. wide or greater. Note: A fixed panel of a sliding glass door is considered wall space. [CEC 210.52(A)].
3. In kitchens, breakfast rooms, pantries and dining rooms a minimum of 2-20A circuits shall be provided [CEC 210.11(C) (1)]. Counter space receptacles shall be GFCI [CEC 210.8(A)] and installed:
 - At each wall counter space that is 12 in. or greater [CEC 210.52(C)];
 - Maximum 24 in. from the end of the counter [CEC 210.52(C)(2)(a)];
 - Maximum 20 in. above counter surface [CEC 210.52(C)(3)(1)];
 - Below countertop or work surfaces (one receptacle min.) not more than 12 in. below counter surface [CEC 210.52(C)(3)(3)];
4. Bathrooms shall have a separate 20A circuit [CEC 210.11(C) (3)] with at least one GFCI wall receptacle within 36 in. of each basin [CEC 210.8(A)(1); CEC 210.52(D)].
5. Laundry rooms shall have a separate 20A circuit with at least one receptacle shall be provided [CEC 210.11(C)(2)]. All receptacles within 6 ft. of the sink shall be GFCI [CEC 210.8(A)(7)].
6. In garages, at least one GFCI receptacle shall be provided [CEC 210.52(G)]. All other garage receptacles except those dedicated to an appliance or that are not readily accessible shall be GFCI. [CEC 210.8(A)(2)].
7. In hallways of 10 ft. or more in length, at least one receptacle shall be provided [CEC 210.52(H)].

8. Outdoor outlets shall be GFCI [CEC 210.8(A) (3)]. One outlet shall be installed at the front of the dwelling and one at the rear of the dwelling. Balconies, decks, and porches that are attached to the dwelling unit and are accessible from inside the dwelling unit shall have at least one outlet. Receptacles shall be accessible at grade level and not more than 6-1/2 ft. above grade or walking surface [CEC 210.52(E)].
9. All crawl space receptacles shall be GFCI [CEC 210.8(A)(4)].
10. All unfinished basement receptacles shall be GFCI unless they are not readily accessible or are service a dedicated appliance [CEC 210.8(A)(5)].
11. All receptacles within 6 ft. of a wet bar shall be GFCI [CEC 210.8(A)(7)].
12. All receptacles on 15A or 20A branch circuits that supply kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways laundry areas or similar rooms or areas shall be protected by combination-type Arc-Fault Circuit Interrupters (AFCI), including switched outlets [CEC 210.12(A)].
13. All receptacles serving appliances or motors with a rating of 1 HP or 6 Amps shall be on a separate circuit.
14. For HVAC equipment, a separate 15A or 20A circuit with an accessible receptacle at the equipment shall be provided within 25 ft. of the equipment [CEC 210.63]. If located in an under-floor area, the receptacle shall be GFCI [CEC 210.8(4)].
15. Basements, Garages and Accessory Buildings. For a one-family dwelling, at least one receptacle outlet shall be installed in the areas specified in 210.52(G)(1) through (3). These receptacles shall be in addition to receptacles required for specific equipment. [CEC210.52]

(1) Garages. In each attached garage and in each detached garage with electrical power. The branch circuit supplying this receptacle(s) shall not supply outlets outside of the garage. At least one receptacle outlet shall be installed for each car space.

(2) Accessory Buildings. In each accessory building with electric power.

(3) Basement. In each separate unfinished portion of a basement.

D. LIGHTING [CEC 210.70]

1. Switched lighting shall be installed in:
 - Every habitable room, kitchen, and bathroom, hallways, and stairways at each level,
 - Garages,
 - At all outdoor entrances and exits,
 - In all attics, under floor areas, utility rooms and basements used for storage.
 - Near HVAC equipment in attic, under floor areas, rooms or basements, with a switch at the access point.
2. Lighting installed in a closet shall be a surface mounted or recessed fluorescent fixture or a surface mounted incandescent fixture with completely enclosed lamps or recessed incandescent fixture with completely enclosed lamps. Surface incandescent lighting shall be installed a minimum of 12 in. from the nearest point of a storage space. Surface fluorescent lighting and recessed lighting shall be installed a minimum of 6 in. from the nearest point of a storage space. [CEC 410.16(C)]

E. FANS

Each bathroom containing a bathtub, shower, or bathtub/shower combination shall be mechanically ventilated for purposes of humidity control in accordance with the California Mechanical Code and the California Green Building Standards Code.

F. SMOKE ALARMS

In new construction, smoke alarms shall receive their primary power from the building wiring. The wiring shall be permanent and installed without a disconnecting switch other than those required for overcurrent protection [CRC R314.4, CBC 907.2.10.5].



BUILDING DIVISION
Community Development Department
City of Burbank

WATER-CONSERVING PLUMBING FIXTURES
CERTIFICATE OF COMPLIANCE

(For buildings built on or before Jan. 1, 1994)

Project Address: _____ Permit No: _____

I certify, under penalty of perjury, as owner of this property, that noncompliant plumbing fixtures have been replaced with water-conserving plumbing fixtures in accordance with Civil Code Sections 1101.1 through 1101.8, the current California Plumbing Code and California Green Building Standards Code, and manufacturer's installation requirements, and that the water-conserving plumbing fixtures comply with the requirements as listed below.

Owner's Name: _____ Date: _____

Owner's Signature: _____

SINGLE-FAMILY RESIDENTIAL

Fixture	CALGreen/ CPC
Water Closet	1.28 gals/flush
Showerhead	1.8 gals/min at 80 psi
Multiple Showerheads	1.8 gals/min combined at 80 psi
Lavatory Faucet	1.2 gals/min at 60 psi
Kitchen Faucet	1.8 gals/min at 60 psi

MULTI-FAMILY RESIDENTIAL

Fixture	CALGreen/ CPC
Water Closet	1.28 gals/flush
Showerhead	1.8 gals/min at 80 psi
Multiple Showerheads	1.8 gals/min combined at 80 psi
Lavatory Faucet (within units)	1.2 gals/min at 60 psi
Lavatory Faucet (common areas)	0.5 gals/min at 60 psi
Kitchen Faucet	1.8 gals/min at 60psi

