



**BUILDING & SAFETY
DIVISION
CITY OF BURBANK**

PLAN CHECK: _____

DATE: _____

RESIDENTIAL/ADU 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
A. PLAN RECHECK:	
<input type="checkbox"/>	<ul style="list-style-type: none"> • Provide updated correction drawings, uploaded to ProjectDox for electronic review. • Sets must be complete. Upload each sheet of the drawings as an individual file. • 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. Provide a written response to each comment and show where and how it has been addressed. 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.
<input type="checkbox"/>	All plans and calculations shall be stamped and wet signed (or electronically stamped and signed) by an architect or engineer licensed by the State of California. (BP 5537, 6735)
<input type="checkbox"/>	Plans are illegible and/or prints are too light/dark. Provide clear and legible plans for review.
<input type="checkbox"/>	Submitted plans and related documents are not complete. Additional reviewing time may be necessary upon re-submittal. Please submit complete plans for review.
B. ADDITIONAL FEES:	
<input type="checkbox"/>	Significant changes to the original scope of work will require a modification to the Construction Valuation. Valuation is raised to: \$ _____
<input type="checkbox"/>	Excessive number of resubmittals. Additional Plan Check fee will be required after the third review on an hourly rate basis.
<input type="checkbox"/>	The permit application is nearing the expiration date. Submit the Plan Check Extension Request form prior to the expiration date.
<input type="checkbox"/>	The permit application has passed the expiration date and is considered cancelled. To reinstate the plan check, submit the Plan Check Reinstatement Request form

C. DEPARTMENTAL CLEARANCES ():	
<input type="checkbox"/>	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 provided approval/clearance of documents and thereby provide final electronic approval. Applicant will be required to print out 1 set to provide for General Contractor.
<input type="checkbox"/>	BWP/ Water Division 164 W. Magnolia Boulevard
<input type="checkbox"/>	BWP/ Electrical Division 164 W. Magnolia Boulevard
<input type="checkbox"/>	Fire Department 311 E. Orange Grove Avenue
<input type="checkbox"/>	Public Works Dept. 150 N Third Street
<input type="checkbox"/>	Planning Division 150 N Third Street
<input type="checkbox"/>	School Board (Provide electronic copy of School Board receipt) 510 S. Shelton Street - BUSDDeveloperFees@BurbankUSD.org Submit, via email, attached Project Information Sheet and Building Permit Application
<input type="checkbox"/>	Parks & Recreation 150 N Third Street
D. APPLICATION:	
<input type="checkbox"/>	A separate permit is required for grading and shoring and/or demolition, swimming pool, accessory building, retaining walls, CMU walls, detached accessory structures etc.
<input type="checkbox"/>	New architect or engineer of record.
<input type="checkbox"/>	Provide an 8-1/2"x11" reduced copy of the Site Plan. (One copy required)
<input type="checkbox"/>	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 the plans.
<input type="checkbox"/>	SCAQMD Rule 1403 requires the contractor to file a Demolition Notification with the SCAQMD 10 days prior to issuance of a Demolition Permit.
E. SITEWORK:	
<input type="checkbox"/>	A complete site plan showing property lines, lot size and dimensions, street name(s), street/alley center line, north arrow, existing building to remain/removed, fire separation distance or setback of building to property lines or other buildings on the lot, and location of private sewage disposal system (if applicable). New and existing Fence/Wall type, locations & heights; Swimming pool fences and pool gate; Utility meter locations and utility runs to street; permitted accessory structures, all corner cut offs at the driveway, street, or alley. Provide locations of existing trees and or new landscape elements
<input type="checkbox"/>	All easements have been indicated on this site plan and have been shown and verified by Public Works and Planning Departments.
<input type="checkbox"/>	On site plan delineate all projecting elements and outdoor equipment. Show distance to property line. (CRC R106.2, CBC 107.2.6)
<input type="checkbox"/>	All existing and new driveways, driveway curb cuts, paved front yard areas and front yard walls must be shown and reviewed by Planning Division and Public Works Dept.
<input type="checkbox"/>	Show existing and proposed contours, spot elevations to indicate general site slope and drainage pattern. (CRC R106.2, CBC 107.2.6)
<input type="checkbox"/>	Show direction of yard drainage and indicate the percentage of slope <ol style="list-style-type: none"> 1. Lots shall be graded to drain surface water away from the foundation walls. The grade shall fall a minimum of 6" within the first 10 ft. (5% slope). (CRC R401.3, CBC 1804.4) 2. Where lot lines, walls, slopes or other physical barrier prohibit 6" of fall within 10 ft., drains or swales shall be constructed to ensure drainage away from the structure. Impervious surfaces within 10 ft. of the building foundation shall be sloped a minimum of 2% away from the building. (CRC R401.3 exception, CBC 1804.4)
<input type="checkbox"/>	Show all site stairs, treads, risers, handrails, guardrails, and landings and retaining walls.

<input type="checkbox"/>	Provide structural drawings and calculations for freestanding CMU or brick walls higher than 6'-0"; wood/metal fences higher than 8'-0"; Retaining walls higher than 36". Fences and barriers within the front yard setback shall not exceed 3'-0" in height. (CBC 105.2, CRC R105.2, BMC 9-1-1-105.2)
<input type="checkbox"/>	The project is located in an area of expansive, compressible, shifting, or other questionable soil characteristics. A soils report must be provided by a geotechnical engineer licensed in the State of California. (CRC R401.4, CBC 1803)
F. PLAN REQUIREMENTS:	
	The following plans are required for plan review and shall be drawn to scale with sufficient clarity. The use of any alternate scale or sheet size not indicated above must be approved by the Plan Check Engineer.
<input type="checkbox"/>	Site plans: • 1/8" = 1'-0" or 1" = 10'
<input type="checkbox"/>	Floor plans: • 1/4" = 1'-0" (shall match the scale of the Structural Framing Plan and Demolition Plan)
<input type="checkbox"/>	Framing plans: • 1/4" = 1'-0" (shall match the scale of the Architectural Floor Plan)
<input type="checkbox"/>	Details: • 1/2" = 1'-0" (Details and dimensions must be specific to area of reference, do not make 'Similar' detail reference or maximum/ minimum dimension references)
<input type="checkbox"/>	Exterior Building Elevations: • 1/4" = 1'-0" OR 1/8" = 1'-0"
<input type="checkbox"/>	Minimum Sheet size: • 11"x17"
Provide the following drawings:	
<input type="checkbox"/>	SITE PLAN - Completely showing yard setbacks, easements, lot dimensions, distances between buildings, size of building, accessory structures, pools... etc.
<input type="checkbox"/>	EXISTING FLOOR PLAN and DEMOLITION PLAN - Fully dimensioned. Door and window opening sizes to be provided.
<input type="checkbox"/>	FLOOR PLAN of each level - Fully dimensioned
<input type="checkbox"/>	ROOF PLAN - Fully dimensioned
<input type="checkbox"/>	FOUNDATION PLAN - Fully dimensioned
<input type="checkbox"/>	BUILDING CROSS SECTIONS
<input type="checkbox"/>	BUILDING ELEVATIONS – Dimension finished floor height, top of plate, and top of roof elevations, natural and finished grade around the perimeter of the building
<input type="checkbox"/>	ARCHITECTURAL DETAILS
<input type="checkbox"/>	DOOR/WINDOW SCHEDULE – Identify all "Egress" windows/doors
<input type="checkbox"/>	STRUCTURAL FOUNDATION, ROOF, and FLOOR FRAMING PLANS , with cross-referenced construction details. Must show grid system.
On the COVER SHEET of plans, indicate:	
<input type="checkbox"/>	Provide complete contact information for (applicant) (owner) (engineer) (architect) (contractor)
<input type="checkbox"/>	Provide a complete detailed description of the Scope of Work.
<input type="checkbox"/>	Provide a code analysis stating: • Applicable codes • Type of Construction • Use and Occupancy (both existing and proposed) • Number of stories • Building height(s) • Building areas (both existing and proposed) • Number of dwelling units • Number of bedrooms and bathrooms (both existing and proposed) • Fire sprinklers installed or not. (CRC R106.1.1) • Number of parking spaces • Provide complete and correct legal description (i.e., Tract, Lot, Block, APN, metes and bounds, etc.). • Fire Zone: Yes / No

	<input type="checkbox"/>	Provide a complete Index of drawings.
	<input type="checkbox"/>	Per SENATE BILL 13 (SB 13) Accessory Dwelling Unit's over 750 Square Feet are allowed to be charged a proportional Development Impact Fee
	<input type="checkbox"/>	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:		
	<input type="checkbox"/>	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)
	<input type="checkbox"/>	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
	<input type="checkbox"/>	Show a minimum shower area of 1024 S.I. with a 30" diameter, clear turning circle. (CPC 408.6)
	<input type="checkbox"/>	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 R307.2, CBC 1210.2.3)
	<input type="checkbox"/>	Show the location of the existing or new heating and air condition unit. 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.
	<input type="checkbox"/>	Show both new and existing exterior elevations. Include exterior elevations of all walls removed and new openings cut into existing walls.
	<input type="checkbox"/>	On the exterior elevations, dimension the distance from eave to property line.
	<input type="checkbox"/>	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.
	<input type="checkbox"/>	Provide full height cross-section showing framing, interior/exterior sheathing, plate height, insulation, foundation, finish grade, etc.
	<input type="checkbox"/>	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 2512.12)
CLOTHES DRYER: PROVIDE INFORMATION ON FLOOR PLAN		
	<input type="checkbox"/>	A minimum 4" moisture exhaust duct must be provided (CMC 504.4.2)
	<input type="checkbox"/>	Dryer exhaust cannot exceed 14 ft. with a maximum of two 90 deg. elbows (CMC 504.4.2.1)
	<input type="checkbox"/>	A flexible duct cannot extend more than 6 ft. and cannot be concealed (CMC 504.4.2.2)
WATER HEATER: PROVIDE INFORMATION ON FLOOR PLAN		
	<input type="checkbox"/>	Show existing or new water heater location on plan. Indicate type of water heater.
	<input type="checkbox"/>	Tankless water heaters – provide manufacturer specifications on plans and indicate gas and electric supply as required
	<input type="checkbox"/>	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) .
	<input checked="" type="checkbox"/>	Add the following note on plan: New installation of gas water heater shall have all the following as per 2022 California Energy Code 150.0(n): <ol style="list-style-type: none"> 1. A 120V electrical receptacle is within 3 feet from the water heater and accessible with no obstructions. 2. A Category III or IV vent, or a Type B vent with straight pipe between outside termination and the water heater. 3. A condensate drain no more than 2 inches higher than the base on water heater for natural draining. 4. 4) A gas supply line with capacity of at least 200,000 Btu/hr. 5. Unfired tanks shall have a minimum R-12 insulation 6. R-7.7 insulation shall be installed on the first 5 feet of hot and cold-water pipes. 7. All hot water piping 3/4" or larger, from the water heater to the kitchen fixtures, shall have R-4 insulation

	<input type="checkbox"/> Water-Heating System requirements (2022 California Energy Code 150.0(n)): <ul style="list-style-type: none"> • Indicate space of at least 2.5 ft x 2.5 ft x 7 ft tall for future heat pump water heater. • If HPWH space is within 3 ft provide a dedicated 125 volt, 20 amp electrical receptacle, a reserved single pole circuit breaker space labeled as “Future 240V Use”, a condensate drain no more than 2 inches higher than the base • If HPWH is more than 3 ft provide a dedicated 240 volt branch circuit rated at 30 amps, dedicated cold water supply, hot water supply, and a condensate drain no more than 2 inches higher than the base.
FIREPLACE: PROVIDE INFORMATION ON FLOOR PLAN	
	<input type="checkbox"/> 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)
	<input type="checkbox"/> 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. www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-445.pdf
	<input type="checkbox"/> Detail the fireplace and chimney construction.
	<input type="checkbox"/> Top of chimney must extend a minimum of 24” above any roof structure within 10’-0” but not less than 36” above the highest point where the chimney passes through the roof. (CMC 802.5.4, CRC R1003.9, CBC 2113.9)
VENTILATION: PROVIDE CALCULATIONS ON ROOF PLAN	
	<input type="checkbox"/> 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
	<input type="checkbox"/> 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)
	<input type="checkbox"/> 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 408.1, CBC 1202.4) <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 R408.1, R408.2). Indicate required area, the proposed number and size of vents on the floor plan. 2. Unvented under floor space shall comply with CRC R408.3.
ROOFING	
	<input type="checkbox"/> Install Cool Roof Product Labeled and Certified by Cool Roof Rating Council (CRRC) 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.
	<input type="checkbox"/> Roof slope is not adequate for type of roof covering specified. (CRC R905, CBC 1507)
	<input type="checkbox"/> 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.
	<input type="checkbox"/> Show sizes and locations of the roof/deck drains and secondary emergency overflow roof drains or scuppers. (CRC R903.4, CBC 1502.2, CPC 1101.12 and CPC 1105.0)

	<input type="checkbox"/>	Asphalt shingles shall meet the classification requirements of CRC T-R905.2.4.1 or CBC T-150.1.1 for the appropriate maximum basic wind speed.
SMOKE DETECTORS - SHOW INFORMATION ON PLAN (CRC 314 / CBC 907.2.11.2)		
	<input type="checkbox"/>	Show location of hard-wired smoke alarms (CRC R314.3, CBC 907.2.11.2): 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.
	<input type="checkbox"/>	Note on plan smoke alarm requirements: 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: SHOW INFORMATION ON PLAN (CRC R315 / CBC 915)		
	<input type="checkbox"/>	Show locations and note on plan carbon monoxide alarm requirements: 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 2075, 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.
H. DOORS, WINDOWS, GLAZING, LIGHT & VENTILATION:		
PROVIDE INFORMATION ON FLOOR PLAN		
	<input type="checkbox"/>	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 R310, CBC 1031) Glazed door is an exterior door having a glazed area \geq 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.
	<input type="checkbox"/>	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 R312.2, CBC 1015.8)
	<input type="checkbox"/>	A Natural Light calculation showing that the window area is at least 8% of the floor area of the room served (CRC R303.1, CBC 1204.2); or that the room or space complies with the requirements for an adjoining space in accordance with (CRC R303.2, CBC 1204.2.1).
	<input type="checkbox"/>	Adjoining spaces for Natural Light and Ventilation: 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 R303.2, CBC 1202.1.1).
	<input type="checkbox"/>	A Natural Ventilation calculation showing that the minimum open able area to the outside is 4% of the floor area being ventilated (CRC R303.1, CBC 1202.5); or that the room or space complies with the requirements for an adjoining space in accordance with (CRC R303.2)

	<input type="checkbox"/> 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.
	<input type="checkbox"/> Safety glazing (tempered glazing) is required for the following: <ol style="list-style-type: none"> 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 R308.4.2 item 1) 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 R308.4.2 item 2) 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 R308.4.3, CBC 2406.4.3) 5. Glazing less than 60" above a shower or tub floor. (CRC R308.4.5, CBC 2406.5) 6. Glazing where the bottom edge is less than 36" above the stairways, landings, and ramps. (CRC R308.4.6, 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 R308.4.7, CBC 2406.4.7) 8. Glazing in guards and railings. (CRC R308.4.4, CBC 2406.4.4)
	<input type="checkbox"/> 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 R308.6.9). 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 R308.6.8). 3. For fully tempered or heat-strengthened glass, a retaining screen shall be installed below the glass. (CRC R308.6.3, CBC 2405.3)
I. MEANS OF EGRESS:	
	<input type="checkbox"/> 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 R311.4)
	<input type="checkbox"/> 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 R311.3, CBC 1010.1.6)
	<input type="checkbox"/> The required egress door shall open directly into a public way or to a yard or court that opens to a public way. (CRC R311.1, CBC 1031.2)
	<input type="checkbox"/> 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 R311.2, CBC 1010.1.1) <input type="checkbox"/> 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 7¾" below the top of threshold provided the door does not swing over the landing or floor (CRC 311.3.1, CBC 1010.1.7)
	<input type="checkbox"/> Doors other than the required egress door shall be provided with landing or floors not more than 7¾" 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)
J. FIRE-RESISTANCE RATED CONSTRUCTION:	
	<input type="checkbox"/> Exterior walls with < 3ft fire separation distance shall be 1-hour rated construction with exposure from both sides and shall have no openings (for nonsprinklered building per CRC T-R302.1(1), CBC T-602.2). Provide assembly detail.

<input type="checkbox"/>	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 (for nonsprinklered building per CRC T-R302.1(1), CBC T-602). Provide assembly detail.
<input type="checkbox"/>	Exterior walls with < 3ft fire separation distance shall be 1-hour rated construction with exposure from outside and shall have no openings (for sprinklered building per CRC T-R302.1(1), CBC T-602.2). Provide assembly detail.
<input type="checkbox"/>	Projections (e.g., eave overhangs or cornices) with ≥ 2ft. to < 5ft. minimum fire separation distance shall be 1-hour rated on the underside (for nonsprinklered building per (CRC T-R302.1(1), CBC T-705.2). Provide detail.
<input type="checkbox"/>	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). Provide detail.
<input type="checkbox"/>	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).
<input type="checkbox"/>	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. (CBC1206)
<input type="checkbox"/>	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.

K. STAIRS/ GUARDS/ BALCONIES:

SHOW ON PLAN OR DETAIL and REFERENCE NOTES ON PLAN OR DETAIL	
<input type="checkbox"/>	Provide enlarged plans, section and details of interior/exterior stairway showing: <ol style="list-style-type: none"> 1. Minimum clear width of 36". (CRC R311.7.1, CBC 1011.2 exception 1) 2. Maximum riser height of 7¾" and minimum tread depth of 10". (CRC R311.7.5.1, CRC R311.7.5.2, 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 R311.7.5.3) 4. Nosings 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". 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 R311.7.5.1) 6. Minimum head room of 6'-8". (CRC R311.7.2, CBC 1011.3) 7. A flight of stairs shall not have a vertical rise larger than 147" between floor levels or landings (CRC R311.7.3), or 144" (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)
<input type="checkbox"/>	Provide detail of Guardrail (CRC R312.1, CBC 1015.2): <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.
<input type="checkbox"/>	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)
<input type="checkbox"/>	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) <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.

<input type="checkbox"/>	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)						
<input type="checkbox"/>	MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS, AND MINIMUM CONCENTRATED LIVE LOADS (CBC T-1607.1)						
	<table border="1"> <thead> <tr> <th>OCCUPANCY OR USE</th> <th>UNIFORM (psf)</th> <th>CONCENTRATED (lbs.)</th> </tr> </thead> <tbody> <tr> <td>5. Balconies and decks</td> <td>1.5 times the live load for the area served. Not required to exceed 100 psf</td> <td>---</td> </tr> </tbody> </table>	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	---
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<input type="checkbox"/>	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 R317.1; CBC 2304.12.2.5)						
<input type="checkbox"/>	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 R317.1.3; CBC 2304.12.2.6) Provide the following information on Plans: <ol style="list-style-type: none"> 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. 						

L. GARAGE:

<input type="checkbox"/>	The garage/driveway access shall comply with the City of Burbank Municipal Code.	
<input type="checkbox"/>	New or remodeled garages, either attached or detached, shall have a minimum inside clear dimension of 19' x 19'. Walls, steps, and appliances shall not encroach into this area. Note and dimension on floor plan.	
<input type="checkbox"/>	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) .	
<input type="checkbox"/>	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, CBC 406.3.2.1)	
<input type="checkbox"/>	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) .	
<input type="checkbox"/>	Other penetrations of the garage/dwelling ceilings and walls are to be protected as required by CRC R302.5.3.	
<input type="checkbox"/>	Openings from a private garage directly into a room used for sleeping purposes are not permitted. (CRC R302.5.1, CBC 406.2.5)	
<input type="checkbox"/>	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) .	
<input type="checkbox"/>	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, CPC 507.13.1) . Provide detail of protection.	
<input type="checkbox"/>	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)	
<input type="checkbox"/>	Carports shall be open on at least two sides and there are no enclosed areas above. Carports not open on at least two sides shall be considered as a garage and shall comply with the provisions for garages. (CRC R309.2, R302.6, CBC 406.3.3)	
<input type="checkbox"/>	When an existing garage door is to be infilled, provide a detail indicating an 8 inch curb installed at existing opening.	
<input type="checkbox"/>	Provide the following note: <table border="1"> <tr> <td>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.</td> </tr> </table>	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.
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M. FIRE HAZARD SEVERITY ZONE REQUIREMENTS (BMC 9-1-2-701A.1.1):	
SHOW ON PLANS	
<input type="checkbox"/>	<p>ROOFS: Roof coverings on buildings or structures shall be a Class A roof covering or a Class A roof assembly. (BMC 9-1-1-705A.2.1) Wood shake or shingle roofing is not permitted in the Fire Hazard Severity Zone (BMC 9-1-1-1501.1.1).</p>
<input type="checkbox"/>	<p>GUTTERS AND DOWNSPOUTS: Noncombustible gutters and downspouts.</p>
<input type="checkbox"/>	<p>EAVES: Eaves and soffits shall be protected on the exposed underside as required for exterior one-hour-rated fire resistive construction, 2-inch nominal dimension lumber, or 1-inch fire-retardant-treated lumber, or 3/4-inch nominal fire-retardant-treated plywood. Fascia's are required shall be of 2-inch nominal dimension lumber minimum or protected on the backside by materials approved for a minimum of 1-hour fire-resistance-rated construction. Provide assembly detail.</p>
<input type="checkbox"/>	<p>EXTERIOR WALLS: Constructed of one-hour-rated fire-resistive construction on the exterior side or constructed with approved noncombustible materials. Such material shall extend from the top of the foundation to the underside of the roof sheathing. Provide assembly detail.</p> <p>EXCEPTION: Vinyl over 1/2" Type 'X' Gypsum Board, or Aluminum over 1/2" type 'X' Gyp. Bd. Wood Siding, hardboard siding or plywood siding are not permitted in the Fire Hazard Severity Zone.</p>
<input type="checkbox"/>	<p>SHAKE AND SHINGLE SIDING: No wood shake or shingle siding is permitted in the Fire Hazard Severity Zone (BMC 9-1-1-1404.3.3.1).</p>
<input type="checkbox"/>	<p>UNENCLOSED UNDERFLOOR AREAS: Buildings or structures shall have all under floor areas enclosed to the ground, with exterior walls.</p> <p>EXCEPTION: Complete enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior one-hour-rated fire-resistive construction or heavy timber construction.</p>
<input type="checkbox"/>	<p>PROJECTION FROM BUILDINGS: Architectural projections shall be protected on exposed surfaces as required for one-hour fire-resistive construction.</p>
<input type="checkbox"/>	<p>BALCONIES, DECKS, PORCHES AND PATIOS: Unenclosed accessory structures attached to building with habitable spaces shall be a minimum one-hour fire-resistive construction, heavy timber construction, approved non-combustible materials, or fire-retardant-treated wood. Provide assembly detail. Unenclosed balconies, decks, porches may be constructed of:</p> <ol style="list-style-type: none"> 1. Columns: 6 x 6 inches minimum. 2. Beams and Girders: 6 x 6 inches minimum. 3. Joists: 4 x 6 inches minimum. 4. Roof and Floor Decking: 2-inch tongue and groove planks or 1-1/8-inch tongue and groove plywood minimum.
<input type="checkbox"/>	<p>GLAZING: Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be tempered glass, multi-layered glass panels, glass block, or have a fire-protection rating of not less than 20 minutes.</p> <p>EXCEPTION: Stained-glass panels may be installed provided a back panel of tempered glass is installed behind the stained-glass panel.</p>
<input type="checkbox"/>	<p>DOORS: Noncombustible exterior doors, solid core wood complying with R337.8.3, or have a fire-protection rating of not less than 20 minutes. Windows within doors and glazed doors shall be in accordance with CRC R337.8.2.1.</p> <p>EXCEPTION: Garage doors and vehicle access doors.</p>

	<input type="checkbox"/>	VENTS and FOUNDATION OPENINGS: Attic ventilation, foundation and under floor vents or other ventilation openings in vertical exterior walls, vents through roofs, and vents shall be fully covered. Off ridge and ridge vents shall be covered with a mesh where the dimensions of the mesh shall be a minimum of 1/16 inch and shall not exceed 1/8 inch in diameter. Mesh material shall be noncombustible and corrosion resistant. (BMC 9-1-2-706A.2) . Under floor ventilation openings shall be located as close to grade as possible.
	<input type="checkbox"/>	DETACHED ACCESSORY STRUCTURES: Detached accessory structures located less than 50 feet from a building containing habitable space shall have exterior walls constructed with material approved for a minimum of 1-hour fire-resistance-rated construction, heavy timber, or constructed with approved noncombustible materials on the exterior side.
N. STRUCTURAL:		
	<input type="checkbox"/>	Structural calculations are required
	<input type="checkbox"/>	Lateral calculations are required
	<input type="checkbox"/>	Provide roof truss calculations
	<input type="checkbox"/>	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, and masonry units, mortar and grout strength.
	<input type="checkbox"/>	Cross reference all calculations for joists, beams, shear walls, etc. to framing/floor plans.
	<input type="checkbox"/>	Detail the shear transfer connections which transfer lateral forces from horizontal diaphragms through intermediate elements and shear walls to the foundation.
	<input type="checkbox"/>	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.
	<input type="checkbox"/>	Detail how the interior shear walls are connected to the roof diaphragm.
	<input type="checkbox"/>	Check the shear wall overturning reactions on the beams/columns per ASCE 7 for the special seismic load combinations.
	<input type="checkbox"/>	Irregular structures which do not comply with prescriptive construction provisions shall be designed by a licensed design professional. (CRC R301.2.2.2.6)
	<input type="checkbox"/>	Provide drag strut as noted on plans. Detail the strut and top plate connection.
	<input type="checkbox"/>	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)
O. CONCRETE AND FOUNDATIONS:		
SHOW INFORMATION ON FOUNDATION PLAN		
	<input type="checkbox"/>	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.
	<input type="checkbox"/>	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 R506.2.3.1, CBC 1907.1.1)
	<input type="checkbox"/>	Two #4 bar at top and two #4 bar at bottom are required.
	<input type="checkbox"/>	Footings must be 12" deep and 12" wide (CRCR403.1.1, R403.1.4, CBC 1809.4)
	<input type="checkbox"/>	Detail doweling to the existing foundation.
	<input type="checkbox"/>	5/8" diameter anchor bolts with a minimum 7" embedment @ 72" OC with 3"x3"x1/4" plate washers are required
	<input type="checkbox"/>	Details of deepened footing for hold-downs must be included on the plans.
	<input type="checkbox"/>	Specify size, embedment, spacing, ICC number and manufacturer of power-driven pins. (Not permitted on perimeter footings.)
	<input type="checkbox"/>	Provide 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) SHOW LOCATION ON FOUNDATION PLAN. Through wall access openings shall not be located under a door).

P. FRAMING:	
SHOW INFORMATION ON FOUNDATION AND/ OR FRAMING PLANS	
<input type="checkbox"/>	Detail (and reference location on framing plan) typical framing sections for: exterior/interior walls, roof-ceiling assemblies, framing openings, beams, posts, and wall bracing.
<input type="checkbox"/>	Size, spacing, direction, and grade of girders
<input type="checkbox"/>	Size, spacing, direction, and grade of floor joists
<input type="checkbox"/>	Size, spacing, direction, and grade of ceiling joists or rafter ties
<input type="checkbox"/>	Size, spacing, direction, and grade of roof rafters
<input type="checkbox"/>	Size, spacing, and grade of beams
<input type="checkbox"/>	Size, spacing, and grade of wall framing
<input type="checkbox"/>	Roof sheathing material, grade and thickness, and nailing
<input type="checkbox"/>	Roof Trusses: Provide shear transfer details at eaves, gable ends and interior walls
<input type="checkbox"/>	Floor sheathing material, grade and thickness, and nailing
<input type="checkbox"/>	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 R317.1, CBC 2304.12.1.2)
<input type="checkbox"/>	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 R317.1, CBC 2304.12.1.5)
<input type="checkbox"/>	There must be 18" clear under floor joists and 12" clear under girders. (CRC R317.1, CBC 2304.12.1.1)
<input type="checkbox"/>	Shear walls conforming to the City of Burbank Conventional Construction must be indicated on plans, indicate all shear wall lengths on plan.
<input type="checkbox"/>	Manufacturer's details for pre-engineered shear walls must be printed and cross referenced on the plans.
<input type="checkbox"/>	Manufacturer's details for allowable penetrations through pre-engineered joists and beams must be printed on the plans.
Q. ENERGY CODE REQUIREMENTS:	
<input type="checkbox"/>	A complete energy calculation must be submitted using either the PERFORMANCE METHOD or the PRESCRIPTIVE METHOD .
<input type="checkbox"/>	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.
<input type="checkbox"/>	The project does not meet prescriptive standards. PERFORMANCE METHOD calculations must be performed by an approved computer compliance program, either Energy Pro 9.0 or CBECC-Res 2022.1.0. Digital signatures from Document Author and Designer or Owner are required.
<input type="checkbox"/>	ALL SINGLE-FAMILY RESIDENTIAL BUILDINGS SHALL HAVE A NEWLY INSTALL PHOTOVOLTAIC SYSTEM. (Cal Energy Code 150.14)
<input type="checkbox"/>	Photovoltaic Requirements for New Construction: 1. Show a solar zone having a total area of no less than 250 SF. 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. 5. Note that the PV system must be installed prior to final inspection.
<input type="checkbox"/>	For new buildings and additions over 1,000 sf, the entire project shall comply with whole-building ventilation as stipulated in ASHRAE 62.2.
<input type="checkbox"/>	HERS VERIFICATION: WHEN REQUIRED, THE FOLLOWING SHALL BE REPRODUCED ON THE COVER SHEET OR THE FLOOR PLAN OF THE SUBMITTED DRAWINGS: HERS VERIFICATION REQUIREMENT _____ Firm or individual responsible for the verification: Name: _____ License No.: _____

		THE FORMS CHECKED BELOW MUST BE REPRODUCED ON THE DRAWINGS:
	<input type="checkbox"/>	CF-1R and Mandatory Measures
		RADIANT BARRIER
		SHOW INFORMATION ON PLAN
	<input type="checkbox"/>	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:
	<input type="checkbox"/>	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
		ENERGY STORAGE SYSTEM READY (150.0(s)):
	<input type="checkbox"/>	1. Provide at least one of the following: A. ESS-ready interconnection equipment with a minimum backed up capacity of 60 amps and a minimum of four ESS-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 an ESS. The trade size of the raceway must be not less than one inch. The panelboard that supplies the branch circuits (subpanel) must be labeled "Subpanel shall include all backed-up load circuits." AND
	<input type="checkbox"/>	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 ESS. 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
	<input type="checkbox"/>	3. The main panelboard must have a minimum busbar rating of 225 amp; AND
	<input type="checkbox"/>	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:
	<input type="checkbox"/>	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 California Electrical Code; AND
	<input type="checkbox"/>	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)): Using a gas or propane cooktop to serve individual dwelling units must include the following:
	<input type="checkbox"/>	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 California Electrical Code; AND
	<input type="checkbox"/>	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:
	<input type="checkbox"/>	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 California Electrical Code; AND

	<input type="checkbox"/>	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."
R. GREEN BUILDING CODE REQUIREMENTS:		
	<input type="checkbox"/>	Storm Water Drainage and Retention During Construction: Indicate proposed measures implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.
	<input type="checkbox"/>	Grading and Paving: plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Exception: Additions and alterations not altering the drainage path.
	<input type="checkbox"/>	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 2022 CALGreen Section 4.1.
	<input type="checkbox"/>	SEE BACK FOR ADDITIONAL CORRECTIONS
S. ADDITIONAL CORRECTIONS		
	<input type="checkbox"/>	SEE MARKED SUBMITTAL SET FOR ADDITIONAL CORRECTIONS AND CLARIFICATIONS
	<input type="checkbox"/>	THE COMMENTS LISTED HEREIN ARE NOT COMPREHENSIVE. ADDITIONAL COMMENTS MAY FOLLOW.
	<input type="checkbox"/>	PROJECT MAY BE SUBJECT TO MWELQ REQUIREMENTS. SEE ATTACHED DOCUMENTS.
	<input type="checkbox"/>	PROJECT SIGN IS REQUIRED. SEE ATTACHED DOCUMENT.
	<input type="checkbox"/>	COMPLETE WATER CONSERVING PLUMBING FIXTURES CERTIFICATE OF COMPLIANCE AND ADD TO PLAN (ATTACHED).
	<input type="checkbox"/>	CALGREEN MANDATORY MEASURES SHALL BE REPRODUCED ON THE PLANS. SEE ATTACHED DOCUMENTS.
	<input type="checkbox"/>	APPLICANT IS REQUIRED TO POST A SIGN ON THE PROJECT SITE PROVIDING PUBLIC NOTICE OF THE PENDING DEVELOPMENT APPLICATION. SEE CORRECTION NOTES HANDDOUT SHEETS FOR SIGNAGE DETAILS.
	<input type="checkbox"/>	UPDATE / REVISE ALL NOTES, CODE SECTIONS, AND/OR REFERENCES ON SUBMITTED PLANS.
	<input type="checkbox"/>	PLAN CHECK FEES HAVE NOT BEEN PAID. CONTACT BUILDING@BURBANKCA.GOV FOR INQUIRY ON PAYMENT. IF PAYMENT HAS NOT BEEN RECEIVE BY NEXT REVIEW CYCLE, REVIEW MAY BE DELAYED.
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THE FOLLOWING NOTES SHALL BE REPRODUCED ON THE SITE PLAN OR COVER SHEET OF THE SUBMITTED DRAWINGS:

GENERAL NOTES & NOTE BLOCKS

- GENERAL NOTES:**
 1. All construction shall comply with the 2022 edition of the CRC, **OR** CBC, CMC, CPC, and CEC 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 mechanical, electrical, 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 2022 California Residential Code (CRC) OR**
 - **The 2022 California Building Code (CBC)***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.
 - **2022 California Building Code (CBC)**
 - **2022 California Residential Code (CRC)**
 - **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 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.

Residential and Commercial Demolition

Per **BMC 9-1-11-1012** the following information is required:

- The completed WMP must be signed by the Applicant and shall indicate all of the following:
1. The site address;
 2. The names, addresses, and phone numbers of the property owner and the general contractor;
 3. 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;
 4. The estimated volume or weight of construction and demolition debris, by material type, to be generated on the project site;
 5. The estimated volume or weight of construction and demolition debris, by material type, to be diverted to recycling, reuse or salvage;
 6. The vendor or facility that the applicant proposes to use to collect or receive that material;
 7. The estimated volume or weight of the construction and demolition materials that will be landfilled;
 8. Certification that the minimum Diversion Requirement will be met;
 9. Such other data and information as may be required by the Building Official;
 10. Other information Applicant believes is relevant to determining its efforts to comply with this Division.

THE FOLLOWING NOTES SHALL BE REPRODUCED ON THE STRUCTURAL PLAN SHEET OF THE SUBMITTED DRAWINGS:

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	

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 	

ELECTRICAL NOTES per 2022 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 works 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 [CFC R314.4, CBC 907.2.10.5].

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



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: _____

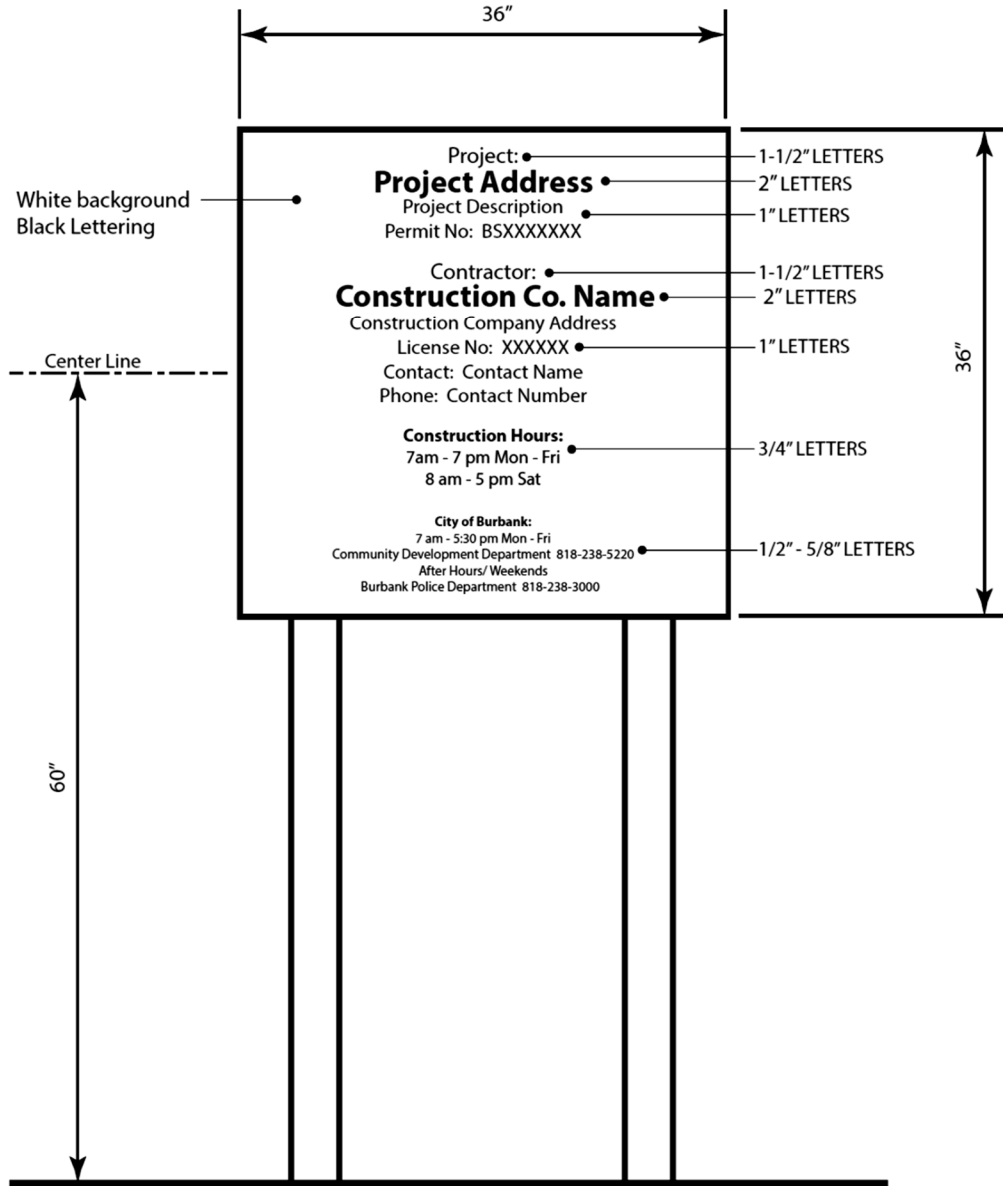
SINGLE-FAMILY RESIDENTIAL

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

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



PROJECT SIGN

1. Sign location: Front of project site facing the street. Sign cannot encroach into the public right-of-way (sidewalk and parkway).
2. Sign may be mounted independently or on the construction fence.