

CODE ADOPTION TABLE

	State Code Requirements	Existing/Proposed local Amendment	Reason for Amendment	Amendment Type (Existing or New)
	Building Code and Residential Building Code			
1	Requires special building materials in high fire areas for new buildings	Apply special building materials in high fire areas to additions and alterations as well as new buildings	Provides additional fire protection for buildings in high fire areas	Existing
2	Permits the use of wood roofing material in high fire areas	Prohibition of wood roofing material in high fire areas	Protect structures in case of fires and limit the spread of fire	Existing
3	Does not reference existing space sheathing requirements	Establishes minimum sheathing installation requirements for new roofing	Provides increased structural integrity of the structure and provide solid underlayment for roofing material	Existing
4	Requires special structural requirements for one and two family dwellings of light frame construction	Applies special structural requirement to detached one and two family dwellings up to two stories in height	Improves the quality of construction by reducing potential damages that may result from vertical irregularities of the structural system in buildings subject to seismic loads	Existing
5	Does not reference special anchorage and spacing or values for wood diaphragms	Establishes maximum wood diaphragms continuous ties and sets a maximum diaphragm shear	Improves the structural integrity of the building	Existing
6	Permits any registered design professional to perform structural observations with minimum guidelines	Requires professional structural designer or his designee and exempts one story single family and garages up to 2000 square feet	Ensures structural observations are performed by qualified registered design professionals	Existing
7	Exempts concrete foundation walls and does not address compressive strength of concrete and adhesives	Exception for special inspection for concrete to be no greater than 2500 pounds per square inch and include adhesives and mechanical anchors	Ensures quality control and performance of the building or structure	Existing

Attachment A – Code Adoption Table

	State Code Requirements	Existing/Proposed local Amendment	Reason for Amendment	Amendment Type (Existing or New)
8	Permits permanent wood and timber foundation and retaining wall systems	Prohibits permanent wood and timber foundation and retaining wall systems	Ensures sound foundation systems which are effective in supporting buildings and structures during seismic event	Existing
9	Permits the use of prescriptive design of concrete and masonry foundation walls and continuation of stepped footings	Limits prescriptive design of foundation wall design to one story structures and require continuous reinforcing steel	Precautionary steps to reduce or eliminate potential problems that may result by following prescriptive design provisions to ensure safer structures	Existing
10	Permits ratio of cement mix for all structures and references general guidelines	Change the ratio of cement mix for structures assigned to seismic design requirements and clarify reinforcement sections to be used in design values for beams and columns	Requires minimum reinforcement in continuous footings to address the problem of poor performance of plane or under reinforced footings during a seismic event and using appropriate design values	Existing
11	Permits use of staples as fasteners and does not specify type of nail or hold down connection	Prohibit use of staples as fasteners to resist or transfer seismic forces and clarify quality of nails used and use approved cyclic load values or 75% of the allowable seismic load values for hold down connections	Eliminates the use of staples fasteners in resisting or transferring seismic forces, clarifies types of nails to be used on shear walls and connecting wood members and additional factor of safety for statically tested anchorage devices	Existing
12	Permits the use of 3/8 inch wood structural panels and posts as ends	Requires panels to be sheathed on one face with 15/32 inch minimum thickness wood structural panel sheathing and require a portal panel instead of a post at ends	Improves the performance level of buildings and structures that are subject to the higher seismic demands and reduce and limit potential damages to property	Existing

Attachment A – Code Adoption Table

	State Code Requirements	Existing/Proposed local Amendment	Reason for Amendment	Amendment Type (Existing or New)
13	Permits wood frame structures greater than two stories not be designed by licensed professional	Requires a California licensed professional to design structures more than one story in height or-with basement	Improves the quality of structural plans prepared by a licensee professional and to minimize or reduce structural deficiencies	Existing
14	Does not reference anchorage of heavy mechanical, electrical or plumbing components and equipment	Requires the attachment and anchorage of mechanical, electrical or plumbing components and equipment	Increases safety of structure by ensuring floor or roof support is adequate_ and structurally sound and detail attachment and anchorage design	Existing
15	Permits the use of braced wall panel support for certain seismic design	Requires interior braced walls to be supported by continuous foundations	Increases seismic support and structural safety	Existing
16	Does not require property line pool barrier	Requirements for pool enclosure or property line barrier	Prevents children from entering a property with a pool	Existing
17	Extends permits every time when an inspection is conducted by 180 days	Limit the duration of a permit to 24 months for one and two family dwellings and 36 months to non-residential and multifamily residential projects	To prevent a project to be under construction for unlimited time	Existing
	Green Building Code			
18	Code applicability is vague	Clarifies that sections apply only to the area permitted and includes all additions and alterations	Clarifies applicability, continues existing proactive requirements to all non-residential projects and minimizes confusion	Existing
19	No requirements in the code	Apply energy efficient standards to Municipal buildings of 5,000 square feet or more, nonresidential buildings of 25,000 S/F or more, mixed use and multi-family residential buildings of four stories in height or more, new municipal buildings, municipal renovations of 15,000 square feet or more and new commercial type building over 50,000 square feet	Continue existing requirements for large projects to increase energy efficiency through appliances, water saving fixtures and higher efficiency electrical lighting systems	Existing

Attachment A – Code Adoption Table

	State Code Requirements	Existing/Proposed local Amendment	Reason for Amendment	Amendment Type (Existing or New)
20	Only installation of conduits for future EV charging station	Requires installation of chargers and increase the number of EV charging stations	Installing EV chargers will help new tenants and businesses to be able to use the chargers at the completion of the project. Will promote tenants the use of electric vehicles without spending time and money for future installations.	New
	Mechanical Code	No amendments	Adopt code entirely	
	Electrical Code	No amendments	Adopt code entirely	
	Plumbing Code	No amendments	Adopt code entirely	
	Fire Code			
21	California Fire Code is minimum state-wide standard based on the model International Fire Code	Local amendments to the Pasadena Municipal Code incorporate necessary changes	Changes are made to accommodate local conditions and priorities	Existing
22	Cost recovery procedures	Amendment necessary to incorporate local program	Codify local program	Existing
23	Multiple hazardous materials regulations throughout State code	To more closely regulate the use of hazardous materials in the City	Unique academia environment that pose challenges to the State code requirements	Existing
24	California Fire Code established punitive measure for non-compliance and/or failure to comply	Replace State language with local punitive requirements	To comply with the penalties in PMC 1.24	Existing
25	State code established thresholds for automatic fire sprinkler requirements for new construction	Change establishes a zero threshold for fire sprinklers	Optimize protection of all new construction with some exceptions due to our densely populated community	Existing
26	State Code predominantly silent on existing occupancies	Some modifications to existing structures trigger fire sprinkler requirements	Optimize fire protection of specific existing construction due to the proven benefits of fire sprinklers	Existing

Attachment A – Code Adoption Table

	State Code Requirements	Existing/Proposed local Amendment	Reason for Amendment	Amendment Type (Existing or New)
27	References minimum water supply requirements	Amendment builds in a 10% safety factor	Safety factor is necessary due to water supply challenges in portions of the City	Existing
28	Allows water supply for residential fire sprinkler systems to be shared with domestic needs	Does not allow combination systems for residential fire sprinkler systems	Necessary to ensure that fire sprinkler systems have dedicated and discrete supplies	Existing
29	State Code predominantly silent on existing occupancies	Amendment requires fire alarm systems for specific alterations and additions	Necessary to ensure that specific building projects safeguard occupants with the safety benefits of a fire alarm system	Existing
30	Wildland Code not adopted	Include International Wildland –Urban Interface Code as part of PMC	Enhance Wildland safety provisions	Existing
31	Wood Roof coverings in hazardous wildland-interface areas allowed	Amended to disallow wood roof coverings in Very High, High and Moderate Fire Hazard Severity Zones	Local Wildland interface conditions generate the need for this safeguard	Existing
32	State Code does not address cumulative tent permitting	Added language to clarify intent This modification clarifies ambiguity in the code that can cause clients to resubmit event and tent applications	The resulting change will streamline the plan review process and will provide more accurate documents to optimize field inspections and minimize costs	New
33	Constrains local AHJ to act	Empowers the AHJ to enforce.	Defers liability while maintaining local authority	New
34	Refers to inapplicable Table	Carries over previous enforcement language	Maintains existing safety provision for propane storage and use at large public events	Existing
35	Regulates hazardous materials at specific quantities based on hazard class	Carries over previous language for zero threshold quantity enforcement with exceptions	Without exceptions small business owners could realize a hardship without significant benefit to public safety	Existing
36	Establishes minimum standards for emergency responder radio coverage	Specifies higher transmission quality and signal strength	Optimize emergency communications during fire ground operations	New