

**CITY OF ALBANY
PLANNING AND ZONING AGENDA
STAFF REPORT**

Agenda date: 2/24/09
Prepared by: AC
Reviewed by: JB

ITEM/ **6d**
SUBJECT: **Planning Application 08-080. Design Review. Front Yard Parking Exception.**
Request for design review approval to allow a 328 sq. ft. second-story addition to an existing single-family home. A parking exception is also requested to allow the second required parking space in the front yard.

SITE: **725 Key Route.**

**APPLICANT/
OWNER:** **Sango and Mariko Harumi**

ZONING: **R-1 (Single-Family Residential)**

STAFF RECOMMENDATION

Staff recommends that the Planning and Zoning Commission approve the request for design review approval to allow a second-story addition.

BACKGROUND/PROJECT DESCRIPTION

The subject property is a 2,750 sq. ft. lot with a 1,227 sq. ft. split-level, single-family home. The home has a front yard setback of 21' - 6". The northern wall of the existing home has a nonconforming setback of 1', where a minimum of 3' is required. The southern side-yard setback is 3'. There is an attached, single-car garage that is accessed by a driveway on the north side of the lot.

The applicant is requesting Design Review approval to allow a 328 sq. ft. second-story addition at the rear of the home to create a total area of 1,555 sq. ft. The addition will include the construction of a new second-story master bedroom, and the remodeling of the first floor for a larger family room. The addition will also include a new covered rear porch, which will increase the footprint of the home by 6 feet to the east', and will create a rear-yard setback of 20'4". The plans include an at-grade deck, which will encroach into the rear-yard setback by 12', as permitted by code.

The second-story addition on the north side will be set back farther than the front of the home, and will have a conforming northern side-yard setback of 3' 10". The southern side-yard setback will remain at 3'. The maximum height of the building will increase from approximately 19' to 24' - 1". There is an existing single-car garage, proposed to remain, and a parking exception is requested to allow the second required parking space in the front yard. The architectural style of the home will be maintained with the addition.

ENVIRONMENTAL ANALYSIS

Staff has determined that the proposed project is categorically exempt from the requirements of CEQA per Section 15303, "New Construction or Conversion of Small Structures" of the CEQA Guidelines, which exempts small additions.

DISCUSSION OF KEY ISSUES

Design Review

The existing stucco home has a gabled roof with brackets underneath the eaves. There is a covered front porch with an arched roof, stucco columns, and a wooden railing. The new second-story addition is at the rear of the home, but will be visible from the front façade. The proposed design is consistent with the architectural style of the existing home, including matching gabled rooflines and brackets.

A new tri-paneled, horizontally elongated, wood-clad window will be added to the front of the second-story addition. One new tri-paneled vertical window will be added to the northern side of the home, and three new windows will be added to the southern side of the home: two small casement windows on the first floor, and one larger double-hung on the second story. The windows are all recessed, wood-clad, and will match the existing windows.

The rear of the home will have an attractive covered porch, with roof material and railings consistent with the design of the existing home. A glass door and large double-hung window will remain at the rear (eastern-facing) wall of the first floor. Two new windows will be added at the rear on the second story: one horizontal slider, and one tri-paneled vertically elongated. There will be shutters around the large slider window.

Staff believes that the mirroring rooflines create an attractive front façade, but recommends that more articulation be added to the northern side of the home. There are only two windows along this entire wall, and no new windows are proposed on the second-story addition of the northern side.

Because the rear portion of the house sits farther back on the lot than the neighboring homes, windows along the wall should not be intrusive on the privacy for the northern neighbors, and would create a more aesthetic appeal to balance the increased height of the structure. Staff believes that the changes to the rear façade are attractive, but recommends that the new shuttered window include a design element above them to mirror the shuttered window's design at the front of the home. The pillars and railing of the new porch help to accent the rear façade, and are an improvement over the existing condition.

Overall, staff believes that the applicant has proposed an attractive addition and is appropriate in size, scale, and design for the neighborhood. The home will have an FAR of 54.9, and a lot coverage of 49.8. It is similar to many homes in the city, and thus the home is not out of scale with the neighborhood. Staff, therefore, recommends approval of the design, subject to conditions of approval regarding issues as discussed above.

Parking Exception

The existing garage has dimensions of 17'-6" length and 9' in width, which provides an adequate parking space for a vehicle and meets the minimum dimensions as required by the municipal code for existing garages. It is not feasible to expand the garage to create an additional parking space. The applicant is therefore requesting a front yard parking exception to allow the second required parking space to be located in the driveway. The existing driveway is 8'-4" in width, and 21' in length, which means that in its existing condition it can function as an adequate space for parking a vehicle. The location of the home and existing layout of the lot prohibits access to the side and rear yard; therefore, staff recommends approval of the request for a front yard parking exception.

Green Building Requirements

The applicant has provided a green points checklist and has received 55 green points, thus meeting the minimum required threshold of 50 points. Items such as recycled fly ash, insulated pipes and installation of energy efficient windows are just a few of the measures the applicant will implement to meet the City's green building requirements.

Attachments:

1. Analysis of Zoning Requirements
2. Findings
3. Conditions of Approval
4. Project application, plans
5. Green points checklist

ATTACHMENT 1 - ANALYSIS OF COMPLIANCE WITH ZONING REQUIREMENTS

20.12 Zoning Districts and Permitted Uses

General Plan: Low Density Residential
 Zoning: R-1 - Single-Family Residential

20.16 Land Use Classifications

Single family residential

Surrounding North - SFR East - SFR
 Property Use South - SFR West - SFR

20.20.080 Secondary Residential Units.

Not applicable.

20.24.020 Table of Site Regulations by District.

	Existing (approx.)	Proposed (approx.)	Requirement
Setbacks			
Front (east)	21'-6"	No change	15'
Side (north)	1'	No change	3'
Side (south)	3'	No change	3'
Rear (west)	26'-4"	No change	20'
Area			
Lot Size	2,750	No change	--
Lot Coverage	49.8%	No change	50%
Maximum Height	19'	24'-1"	28' max.

20.24.030 Overlay District Regulations.

Not applicable.

20.24.040 Hillside Residential Regulations.

Not applicable.

20.24.050 Floor-Area-Ratio.

	Existing (approx.)	Proposed	Requirement
Lot Size	2,750	No change	--
Floor Area			
Garage	178	No change	
First-floor	1,227	No change	--
Second-floor	0	328	
Total	1,405	1,733	--
Total Counted	1,182*	1,509* **	--
Floor Area Ratio	43%	54.9%	55%

* 178 sq. ft. exempted from "total counted" as permitted by MC 20.24.050 for enclosed parking spaces.

** 46 sq. ft. exempted from "total counted" as permitted by MC 20.24.050 for enclosed staircases.

20.24.060 Setback Areas, Encroachments.

Not applicable.

20.24.100 Distances between Structures.

Not applicable.

20.24.110 Fences, Landscaping, Screening.

Not applicable.

20.24.130 Accessory Buildings.

Not applicable.

20.28 Off-Street Parking Requirement.

See project description.

20.40 Housing Provisions

Not applicable.

20.44 Non-conforming Uses, Structures and Lot

See project description.

20.48 Removal of Trees

Not applicable.

20.52 Flood Damage Prevention Regulations

Not applicable.

20.100.030 Use Permits.

Not applicable.

20.100.040 Variances.

Not applicable.

20.100.010 Common Permit Procedures.

Public notice of this application was provided on February 13, 2009 in the form of mailed notice to property owners and occupants within a 100-foot radius, and posted in three locations.

20.100.050 Design Review.

See Summary of Key Issues.

ATTACHMENT 2 - FINDINGS

Findings for Design Review approval (Per section 20.100.050.E of the AMC)

Required Finding	Explanation
<p>1. <i>The project conforms to the General Plan, any applicable specific plan, applicable design guidelines adopted by the City of Albany, and all applicable provisions of this Chapter.</i></p>	<p>The General Plan designates this area for residential development. Additionally, the project meets City zoning standards for location, intensity and type of development.</p>
<p>2. <i>Approval of project design is consistent with the purpose and intent of this section, which states “designs of projects...will result in improvements that are visually and functionally appropriate to their site conditions and harmonious with their surroundings, including natural landforms and vegetation. Additional purposes of design review include (but are not limited to): that retention and maintenance of existing buildings and landscape features are considered; and that site access and vehicular parking are sufficient.”</i></p>	<p>The proposal is in scale and harmony with existing development in the vicinity of the site. The architectural style, design and building materials are consistent with the City’s Residential Design Guidelines. The proposed project will provide safe and convenient access to the property for both vehicles and pedestrians. The project will not remove any significant vegetation and will not require significant grading. The project will not create a visual detriment at the site or the neighborhood.</p> <p>The addition is attractive in appearance and consistent with the architectural style of the home. The applicant has made a conscious effort to match the existing detail of the home, as well as to add improved detail to enhance the visual interest of the home.</p>
<p>3. <i>Approval of the project is in the interest of public health, safety and general welfare.</i></p>	<p>The proposed project will not be detrimental to the health, safety, convenience and welfare of those in the area and would not adversely impact property, improvements or potential future development in the area. The project meets all development requirements. The proposed addition has conforming setbacks on all sides of the home. It has a maximum height of 24’-1”, which is consistent with the height of other homes in the neighborhood. The addition will create an attractive home that should have little to no impact on adjacent neighbors.</p>
<p>4. <i>The project is in substantial compliance with applicable general and specific Standards for Review stated in Subsection 20.100.050.D.</i></p>	<p>The project as designed is in substantial compliance with the standards as stated, including access, architecture, natural features, coordination of design details, and privacy .</p>

Findings for Front Yard Parking Exception (Per section 20.28.040(A5) of the AMC)

Required Finding	Explanation
<p><i>1. Parking within a main building, a garage, a carport or other structure or in the rear or side yard is not feasible or will be disruptive to landmark trees or will severely restrict outdoor living space on the site.</i></p>	<p>The location of the existing home prohibits access to the rear yard. The existing garage is a one-car garage that does not meet minimum parking requirements. It is not feasible to expand the garage to create an additional parking space. The location of the home and existing layout of the lot prohibits access to the side and rear yards.</p>
<p><i>2. The area proposed for parking in the front yard will not exceed 7'6" in width and 20' in length.</i></p>	<p>The existing garage has dimensions of 17.5' length and 9' in width, which provides an adequate parking space for a vehicle and meets minimum dimensions for existing garages, as required by the municipal code.</p>
<p><i>3. The parking space is designed so that no part of any vehicle will extend beyond the property line into the public right-of-way or will come within 1' of the back of the sidewalk, nor permit a parked vehicle to constitute a visual obstruction exceeding 3' in height within 25' of the intersection of any 2 street lines. The Planning and Zoning Commission shall not approve a front yard parking space unless a finding is made that visual obstructions are not a significant safety hazard.</i></p>	<p>The 21' in length driveway provides adequate space for parking a vehicle without obstructing the public right-of-way. The subject property is an interior lot; therefore there should not be any visual obstructions or safety hazards as a result of granting the exception.</p>
<p><i>4. Any required off-street parking spaces which are permitted in the front yard areas are so located as to minimize aesthetic and noise intrusion upon any adjacent neighbor.</i></p>	<p>The driveway is currently used for parking a vehicle, which means that approval of the front yard parking exception will not alter existing conditions or practices. There should be little to no impact on adjacent neighbors due to the front yard parking exception.</p>

ATTACHMENT - 3

COMMUNITY DEVELOPMENT DEPARTMENT CONDITIONS OF APPROVAL

GENERAL PROJECT CONDITIONS

- Gen-1 **Project Approval.** This Design Review approval is for Sango and Mariko Harumi, as substantially shown and described on the project plans, except as may be modified by conditions herein. Plans prepared by Jon Matheson, date received December 31, 2008, as presented to the Planning and Zoning Commission on February 24, 2009. For any condition herein that requires preparation of a Final Plan where the project developer has submitted a conceptual plan, the project developer shall submit final plan(s) in substantial conformance with the conceptual plan, but incorporate the modifications required by the conditions herein for approval by the City.
- GEN-2 **Project Approval Expiration.** This Design Review approval will expire on March 10, 2010 (one year from the date on which this approval becomes effective) or at an alternate time specified as a condition of approval, unless a building permit has been issued and construction diligently pursued. The Community Development Director may renew the approval for a period up to an additional two (2) years, provided that, at least ten (10) days before expiration of one (1) year from the date when the approval becomes effective, an application for renewal of the approval is filed with the Community Development Department. The Community Development Director may grant a renewal of an approval where there is no change in the original application, or there is no request to change any condition of approval.
- Gen-3 **Fees.** The applicant shall pay any and all City and other related fees applicable to the property, as may be modified by conditions herein. Fees shall be based on the current fee structure in effect at the time the relevant permits are secured, and shall be paid before issuance of said permit or before any City Council final action approval. Notice shall be taken specifically of Plan Check, Engineering, Fire and Inspection Fees. The project developer shall also reimburse the City for direct costs of planning; building and engineering plan check and inspection, as mutually agreed between the City and developer.
- GEN-4 **Appeals.** The Albany Municipal Code provides that any action of the Planning staff may be appealed to the Planning and Zoning Commission, and any action of the Planning and Zoning Commission may be appealed to the City Council as per the procedures described in Section 20.100.080. The City Clerk will then schedule the matter for the next available City Council meeting.
- GEN-5 **Requirement for Building Permit.** Approval granted by the Planning and Zoning Commission does not constitute a building permit or authorization to begin any construction or demolish an existing structure. An appropriate permit issued by the Community Development Department must be obtained before

constructing, enlarging, moving, converting, or demolishing any building or structure within the City.

- GEN-6 **Fire Department Approval.** As part of a building permit application, the applicant shall submit written documentation that all requirements of the Albany Fire Department have, or will be, met to the satisfaction of the AFD.
- GEN-7 **Engineering Approval.** As part of a building permit application, the applicant shall submit written documentation that all requirements of the Public Works Department have, or will be, met to the satisfaction of the City Engineer.
- GEN-8 **Construction Hours.** Construction activity shall be restricted to the hours of 8:00 a.m. to 6:00 p.m. Mondays through Saturdays, and 10:00 a.m. to 6:00 p.m., Sundays and legal holidays, unless otherwise approved in writing by the City Engineer for general construction activity. Failure to comply with construction hours may result in stop work orders or other administrative actions.
- GEN-9 **Archeological Remains.** In the event subsurface archeological remains are discovered during any construction or preconstruction activities on the site, all land alteration work within 100 feet of the find shall be halted, the Community Development Department notified, and a professional archeologist, certified by the Society of California Archeology and/or the Society of Professional Archeology, shall be notified. Site work in this area shall not occur until the archeologist has had an opportunity to evaluate the significance of the find and to outline appropriate mitigation measures, if deemed necessary. If prehistoric archeological deposits are discovered during development of the site, local Native American organizations shall be consulted and involved in making resource management decisions.
- GEN-10 **Modifications to Approved Plans.** The project shall be constructed as approved. Planning staff may approve minor modifications in the project design, but not the permitted land use (per MC 20.12). A change in an item requiring discretionary approval and any other changes deemed appropriate by the Planning staff shall require further Planning and Zoning Commission approval through the Design Review process.
- GEN-11 **Hold Harmless Agreement.** Pursuant to Government Code Section 66474.9, the applicant (including any agent thereof) shall defend, indemnify, and hold harmless, the City of Albany and its agents, officers and employees, from any claim, action, or proceeding against the City or its agents, officers or employees to attack, set aside, void, or annul the City's approval concerning this application, which action is brought within the time period provide for in Section 66499.37. The City will promptly notify the applicant of any such claim action or proceeding and cooperate fully in the defense.
- GEN-12 **Public Improvements Standards.** Public improvements shall be designed and constructed in accordance with the City's Standard Specifications and Standard Details, unless specifically waived in writing by the City Engineer.

- GEN-13 **Title 24 Standards.** All construction shall be designed and built in accordance with California Title 24 handicap accessibility standards. Appropriate details and specifications shall be incorporated into the plans and submitted at time of building permit application.
- GEN-14 **Energy Conservation Standards.** All buildings shall be designed in accordance with the State of California energy conservation standards for non-residential buildings. The necessary plans and documentation shall be submitted at time of building permit application.

ARCHITECTURE CONDITION

- ARCH-1 **Material Samples.** Samples of final exterior materials and the proposed color palette shall be submitted for review and approval by the Community Development Department as part of building permit application **or** the addition may be constructed to match the existing materials on the home.
- ARCH-2 **Final Architectural Drawings.** The applicant shall submit final architectural elevations, details and revisions for the review and approval of the Community Development Department as part of building permit application.
- ARCH-3 **Window Recess.** All new windows shall be recessed two inches from face of building to provide adequate shade and shadow and to promote visual relief. Final window details shall be submitted for review and approval at the time of building permit application.
- ARCH-4 **Non-Reflective Glazing.** Any glazing material shall be non-reflective.

LIGHTING CONDITIONS

- LGHT-1 **Exterior Lighting.** All exterior lighting shall be installed in such a manner that glare is directed away from surrounding properties and rights-of-way. If required, exterior light fixtures shall be equipped with “cut off” lenses to minimize light and glare spill over onto adjacent properties.
- LGHT-2 **Shielding of Lighting.** Before the issuance of the certificate of occupancy, all accent lighting shall be directed downward and, if necessary, fixed with cut-off lenses to ensure that no glare spills onto neighboring properties.

LANDSCAPING CONDITIONS

- LNDS-1 **Tree Preservation.** All existing trees on the site shall be preserved to the fullest extent practicable. Removal will be allowed only upon prior written approval from the Community Development Department.
- LNDS-2 **Street Tree Requirement.** The applicant shall apply for one street tree before the issuance of the building permit. The City’s Environmental Resource Assistance

will determine the type and location of the tree and may waive this requirement if site conditions will not reasonably support establishment of a new tree.

PUBLIC WORKS DEPARTMENT CONDITIONS

GENERAL ENGINEERING CONDITIONS

- ENGR-1 **Title Report.** A recent preliminary title report for the property, prepared within six months of the date of application, shall be submitted to the City Engineer for review. If any interior lot line(s) exist, the applicant must obtain approval of a minor lot line adjustment from the City to remove the interior lot line(s), and cause that lot line adjustment to be recorded before any building permits will be issued.
- ENGR-2 **Geo-Technical Report.** The applicant shall submit, as part of a building permit application, a geotechnical investigation report prepared by a California certified engineering geologist and geotechnical engineer, if determined necessary by the City Engineer. The investigation shall specifically address any hazards of surface fault rupture in accordance with the Alquist-Priolo Special Study Zones Act. Any mitigation measures or conditions requiring further review noted during the Planning process shall be fully addressed prior to plan check.
- ENGR-3 **Backflow Device.** Any required water service for fire protection purposes shall be equipped with a City approved backflow device. Services for irrigation purposes also require a separate City approved backflow prevention device.

GRADING CONDITIONS

- GRAD-1 **Grading Permit.** Any grading required in association with the project shall require a grading permit from the Community Development Department. To obtain this permit, the applicant shall submit a grading plan, indicating the extent and volumes of earth proposed to be moved. A grading permit is subject to 2001 California Building, Appendix 33.
- GRAD-2 **Demolition Permit.** Site demolition shall not occur until construction permits are issued for the development project. All demolition shall be in accordance with permits issued by the City and Bay Area Air Quality Management District (BAAQMD).
- GRAD-3 **Water on Site.** The site shall be graded so as to prevent rainfall runoff originating from improved areas on the project site from crossing onto adjoining private property. Building floor elevations shall be above the FEMA-mapped 100-year flood plain as established by a licensed civil engineer. Provide the elevation and compaction certificates during and upon the completion of grading required by the Uniform Building Code and in conformance with the recommendations of the geotechnical engineer's report. Shore and dewater all excavations in accordance with the requirements of the geotechnical engineer's report.

- GRAD-4 **Flooding Damages.** The project developer shall execute an assumption of risk, indemnification and hold harmless agreement as required by the City. The agreement, in substance, shall state that the project developer, and any successor in interest, shall assume all risk for damages to the project and to project improvements, flooding caused by surface water intrusion, stormwater runoff, or water under the ground surface pressing on or flowing or seeping through foundations, walls, floors, or paved surfaces, basements, whether paved or not, or windows, doors or other openings, and shall indemnify and hold the City harmless from any claims of such damages, including third-party claims, of such damage or of such damages or of damages arising from rainfall runoff which is not prevented from leaving the project site in violation of Condition GRAD-3.
- GRAD-5 **Dust Control Program.** A dust control program shall be prepared by the project developer and approved by the Community Development Department and City Engineer before issuance of a grading permit. The dust control plan shall address such items as covering stockpiled material, frequent watering of graded areas, revegetating graded areas, speed limits for grading equipment and similar items.
- GRAD-6 **Stormwater Pollution Prevention Plan.** The project developer shall submit a Stormwater Pollution Prevention Plan (SWPPP) for review by the City before the issuance of a building or grading and/or building permit. The SWPPP shall be consistent with standards adopted by the Regional Water Quality Control Board and the City of Albany Clean Water Program and implemented by the project general contractor, all subcontractors and suppliers of material and equipment. Construction site cleanup and control of construction shall also be addressed in the SWPPP. The project developer shall be responsible for SWPPP compliance. A copy of the SWPPP shall be kept at the construction site at all times.

INFRASTRUCTURE CONDITIONS

- INFR-1 **Sewer System Requirements.** The sewer system for the subject building shall comply with Chapter 15 of the Albany Municipal Code and to the satisfaction of the City Engineer before Final Inspection approval of the construction permit.
- INFR-2 **Two-Way Cleanout.** Installation of a two-way curbside cleanout shall be required per Chapter 15 of the Albany City Code. This applies to all properties, including properties with a valid upper sewer lateral certificate of compliance. All 2-way curbside clean outs shall be fitted with a loose cap in accordance with the City's standard detail SS6.
- INFR-3 **Property Run-off Requirements.** All runoff from impervious surfaces shall be intercepted at the project boundary and shall be collected and conducted via an approved drainage system through the project site to an approved storm drain facility, as determined by the City Engineer. Development that contributes additional water to the existing drainage system shall be required to complete a hydraulic study and make improvements to the system as required to accommodate the expected ultimate peak water flow and to stabilize erosive banks that could be impacted by additional storm water flow.

- INFR-4 **Roof Drainage.** Roof drainage from the structure shall be collected via a closed pipe and conveyed to an approved storm drain system off the street curb. No concentrated drainage of surface flow across sidewalks shall be permitted. Alternative natural treatment measures are subject review and approval by the City Engineer.
- INFR-5 **Hydraulic Calculations.** The applicant shall submit hydraulic calculations, prepared by a California licensed civil engineer, necessary to determine if the existing water and sewer mains that serve this lot have available capacity for the addition of the proposed development. If capacity is not available, sewer and water mains of adequate size shall be designed and secured prior to issuance of building permits and constructed in a manner acceptable to the City Engineer prior to occupancy release, unless determined otherwise by the City Engineer.
- INFR-6 **Completion of Off-Site Improvements.** Off-site improvements, as required by the City Engineer, shall be complete before issuance of a Certificate of Occupancy unless alternatives are approved in writing by the Albany City Engineer.

PUBLIC IMPROVEMENTS CONDITIONS

- PUBIM-1 **Encroachment Permit.** The applicant shall obtain an encroachment permit from the Engineering Division before commencing any construction activities within any public right-of-way or easement.
- PUBIM-2 **Debris Removal.** All mud, dirt or construction debris carried off the construction site onto adjacent streets shall be removed each day. No materials shall be discharged onto a sidewalk, street, gutter, storm drain or creek.
- PUBIM-3 **Damage to Street Improvements.** Any damage to street improvements now existing or done during construction on or adjacent to the subject property shall be repaired to the satisfaction of the City Engineer at the full expense of the applicant. This shall include sidewalk repair, slurry seal, street reconstruction or others, as may be required by the City Engineer.
- PUBIM-4 **Right-of-Way Construction Standards.** All improvements within the public right-of-way, including curb, gutter, sidewalks, driveways, paving and utilities, shall be reconstructed in accordance with approved standards and/or plans and shall comply with the standard plans and specification of the Community Development Department and Chapter 14 of the City Code.

FIRE DEPARTMENT CONDITIONS

- FIRE-1 **Construction of 1,500 Square Feet or Greater.** 1500 sq. ft. or more or any addition, remodel, rehabilitation, etc. is 50% of the existing sq. ft.:
- a) This dwelling will be required install an Automatic Fire Extinguishing System throughout the entire dwelling. Ordinance No. 94-010, Albany Municipal Code, Chapter 11, Section 11-2.3a(3)(a).

- b) Plans, information sheets on all sprinkler components and hydraulic calculations are required.
- c) A 110-volt interconnected smoke alarm system with a 10-year lithium batter back-up is acceptable with a fire suppression system.

FIRE-2 **Fire Rated Construction.** Any portion of a building five (5) feet or less from the property line shall comply with fire-rating requirements of the CBC.

FIRE-3 **Gallons-per-Minute Requirement.** The water system for fire protection shall meet Fire Department requirements for gallons per minute flow with a minimum residual main pressure of 20 psi for a two-hour duration. Fire flow test data and water system plans must be provided at time of building plan check. The plans must include all equipment, components and layout of the system. Private fire protection water systems shall be supplied through an approved backflow device per City Engineering Division standards.

STRUCTURAL CONTROL MEASURES

STRUC-1 **Illegal Dumping to Storm Drain Inlets and Waterways.** On-site storm drain inlets shall be clearly marked with the words “No Dumping! Flows to Bay,” or equivalent, using methods approved by the City of Albany.

STRUC-2 **Pesticide/Fertilizer Application Landscaping** shall be designed to minimize irrigation and runoff, promote surface infiltration where appropriate, and minimize the use of fertilizers and pesticides that can contribute to stormwater pollution. If a landscaping plan is required as part of a development project application, the plan shall meet the following conditions related to reduction of pesticide use on the project site:

- a) Where feasible, landscaping shall be designed and operated to treat stormwater runoff by incorporating elements that collect, detain, and infiltrate runoff. In areas that provide detention of water, plants that are tolerant of saturated soil conditions and prolonged exposure to water shall be specified.
- b) Plant materials selected shall be appropriate to site specific characteristics such as soil type, topography, climate, amount and timing of sunlight, prevailing winds, rainfall, air movement, patterns of land use, ecological consistency and plant interactions to ensure successful establishment.
- c) Existing native trees, shrubs, and ground cover shall be retained and incorporated into the landscape plan to the maximum extent practicable.
- d) Proper maintenance of landscaping, with minimal pesticide use, shall be the responsibility of the property owner.

OPERATIONAL BEST MANAGEMENT PRACTICES (BMPs)

BMP-GEN1 **Stormwater Pollution Prevention Control Measures.** The project plans shall include stormwater pollution prevention and control measures for the operation and maintenance of the project during and after construction for the review and approval of the City or County Engineer. The project plan shall identify Best Management Practices (BMPs) appropriate to the uses conducted on-site in order

to limit to the maximum extent practicable the entry of pollutants into stormwater runoff.

BMP-GEN2 **Erosion Control Measures.** The project plan shall also include erosion control measures to prevent soil, dirt and debris from entering the storm drain system, in accordance with the practices outlined in the ABAG *Erosion and Sediment Control Handbook*, California Storm Water Best Management Practice Handbooks, and Regional Water Quality Control Board's *Erosion and Sediment Control Field Manual*

BMP-GEN3 **Responsibility of Contractors.** The applicant is responsible for ensuring that all contractors and subcontractors are aware of and implement all stormwater quality control measures. Failure to comply with the approved construction BMPs shall result in the issuance of correction notices, citations and/or a project stop order.

BMP-1 **Paved Sidewalks and Parking Lots.** Sidewalks and parking lots shall be swept regularly to prevent the accumulation of litter and debris. Debris resulting from pressure washing shall be trapped and collected to prevent entry into the storm drain system. Wash water containing any soap, cleaning agent or degreaser shall be collected and discharged to the sanitary sewer and shall not be discharged to a storm drain. The applicant shall contact the City Engineer for specific connection and discharge requirements.

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- e) Where feasible, landscaping shall be designed and operated to treat stormwater runoff by incorporating elements that collect, detain, and infiltrate runoff. In areas that provide detention of water, plants that are tolerant of saturated soil conditions and prolonged exposure to water shall be specified.
- f) Plant materials selected shall be appropriate to site specific characteristics such as soil type, topography, climate, amount and timing of sunlight, prevailing winds, rainfall, air movement, patterns of land use, ecological consistency and plant interactions to ensure successful establishment.
- g) Existing native trees, shrubs, and ground cover shall be retained and incorporated into the landscape plan to the maximum extent practicable.

- h) Proper maintenance of landscaping, with minimal pesticide use, shall be the responsibility of the property owner.

GENERAL CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

- BMP-CNST1 **Construction Access Routes.** Construction access routes shall be limited to those approved by the City Engineer and shall be shown on the approved grading plan.
- BMP-CNST2 **Collection of Construction Debris.** Gather all construction debris on a regular basis and place them in a dumpster or other container which is emptied or removed on a weekly basis. When appropriate, use tarps on the ground to collect fallen debris or splatters that could contribute to stormwater pollution.
- BMP-CNST3 **Removal of Waste.** Remove all dirt, gravel, rubbish, refuse and green waste from the sidewalk, street pavement, and storm drain system adjoining the project site. During wet weather, avoid driving vehicles off paved areas and other outdoor work.
- BMP-CNST4 **Sweeping of Public Right-of-Way.** Broom sweep the sidewalk and public street pavement adjoining the project site on a daily basis. Caked on mud or dirt shall be scraped from these areas before sweeping.
- BMP-CNST5 **Filter Materials at Storm Drain Inlet.** Install filter materials (such as sandbags, filter fabric, etc.) at the storm drain inlet nearest the downstream side of the project site before:
- a) Start of the rainy season (October 1);
 - b) Site dewatering activities;
 - c) Street washing activities;
 - d) Saw cutting asphalt or concrete; and
 - e) Order to retain any debris or dirt flowing into the City storm drain system.
- Filter materials shall be maintained and/or replaced as necessary to ensure effectiveness and prevent street flooding. Dispose of filter particles in the trash.
- BMP-CNST6 **Containment of Materials.** Create a contained and covered area on the site for the storage of bags of cement, paints, flammables, oils, fertilizers, pesticides, or any other materials used on the project site that have the potential for being discharged to the storm drain system by wind or in the event of a material spill.
- BMP-CNST7 **Cleaning of Equipment.** Never clean machinery, tools, brushes, etc. or rinse containers into a street, gutter, storm drain or stream. See the *Building Maintenance/Remodeling* flyer for more information.
- BMP-CNST8 **Minimize Removal of Natural Vegetation.** Minimize removal of natural vegetation or ground cover from the site in order to minimize the potential for erosion and sedimentation problems. Replant the area as soon as possible. All cut and fill slopes shall be stabilized as soon as possible after grading is completed.

No site grading shall occur between October 1 and April 15 unless approved erosion and sedimentation control measures are in place.

Appeals: The Albany Municipal Code provides that any action of the Planning and Zoning Commission may be appealed to the City Council, if such appeal is filed within 14 days of the date of the action. Appeals may be filed in the Community Development Department by completing the required form and paying the required fee. The City Clerk will then schedule the matter for the next available City Council meeting.