



6.0 Site Development Standards General to All Zones

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6.1. Gated Communities: In order to meet the intent of a walkable, urban environment that serves as a Major Activity Center, gated and/or walled developments are prohibited.

6.2. Neighborhood Design: Where new residential development is adjacent to a Connector street, new lots and homes shall face Connector streets, except where the Planning Director or his/her designee approves exceptions related to technical reasons, such as grading and drainage requirements.

6.3. Structure Heights

6.3.1. Structures within the Impact Area as designated by the Rank 3 Northwest Mesa Escarpment Plan shall be limited to 15 feet. Per the Northwest Mesa Escarpment Plan, no **exceptions** or variances shall be granted.

6.3.2. Structures within 200 feet of either the Rank 3 Northwest Mesa Escarpment Plan Impact Area or a Park Edge Street shall be limited to 18 feet, with a second story up to 26 feet permitted for no more than 50% of the building footprint. [See **Exhibit 6.1.**]

6.3.3. In Town Center only, if a developer can show documentation that a **major employer** (i.e. 150+ employees on-site) will be part of the project, that project is exempt from building height maximums and bonus height criteria, subject to a Development Agreement with the City, including clawback provisions in the case the employer leaves the Plan area before 5 years have passed. This provision is subject to approval by the City Economic Development Department.

6.3.4. In all but the Transition Zones, projects within a SAD, TIDD, PID or similar coordinated development effort that plans and engineers significant infrastructure involving multiple property owners as acceptable to the Planning Director or his/her designee may be granted a 10-foot building height bonus to the maximum heights allowed by right in each zone and above and beyond the bonus heights described in **Table 6.1** and **Section 6.4.**

6.3.5. Structure height shall be measured from approved grade to the eave line in the case of a pitched roof or to the roof line in the case of a **parapet**. [See **Section 6.5** for grading standards.]

6.3.6. A **stepback** may occur at a minimum height of 26 feet, but no building shall be built taller than 40 feet without a **stepback**. The minimum depth of a **stepback** shall be 12 feet.

6.3.7. Cupolas may extend 10 feet beyond height limits. Flagpoles may extend 6 feet above the height limit. Solar panels shall not count toward height limits. Equipment on the roof other than solar panels visible from the public **ROW** shall be screened by louvered or metal screen, or by a **parapet** for flat roofs. Screened equipment shall not exceed 6 feet beyond height limits. Screened equipment on the roof shall be set back 15 feet from **façades**. Equipment screening shall not be made of chain link or vinyl materials.

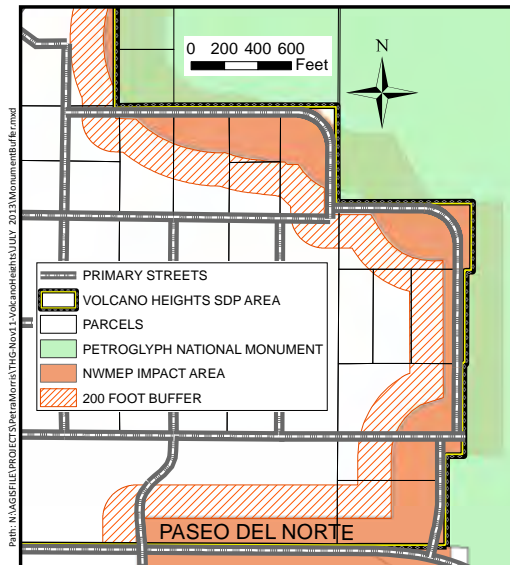


Exhibit 6.1 – Impact Area and 200-foot Buffer

6.0 Site Development Standards General to All Zones



6.4. Optional Height Bonus for Buildings

6.4.1. Purpose / Intent: This Plan offers an optional bonus height system for buildings in order to balance the intent to create an urban, walkable Major Activity Center with the intent to respect and honor the unique cultural, historical, geological, and volcanological area. In order to go beyond height maximums in the Center and Mixed-Use Zones (which correspond to maximum heights in the City’s NWMEP), development projects shall provide commensurate benefits to both the Natural and Built Environments.

6.4.2. Structure height maximums are set by Site Development Standards for each zone. Projects within all non-Transition Zones are eligible to opt in to a voluntary bonus building height system per Table 6.1 and Table 6.2, with associated criteria in Table 6.3.

6.4.3. In order to earn a building height bonus in non-Transition Zones, projects shall incorporate required criteria to earn points for both the Built Environment and Natural Environment, per Table 6.1, Table 6.2, and Table 6.3.

(i) These points have been assigned values relative to the priorities and goals that meet the intent of this Plan for a high-quality built environment balanced with respect for a unique natural environment that enhances property value and adds to the quality of life for existing and future residents, employers, and employees. Point values are weighted toward their contribution to either the built or natural environment. Point values also reflect an assumed difference in cost and ease of implementation.

(ii) The total points required for each zone are calibrated based on the desired balance of urban character versus open space amenities in each zone, as well as a relative balance among all zones within the Plan area.

6.4.4. A project may shift up to 10 points between the Natural and Built Environment totals in order to better meet the intent of this Plan and/or accommodate site context.

6.4.5. The Planning Director or his/her designee shall certify and approve projects that meet the criteria for height bonuses in Table 6.3. The Volcano Heights Review Team may be consulted to assess whether individual standards have been met to satisfy the bonus criteria. [See Section 3.2.6 starting on page 28.]

6.4.6. Projects that incorporate a bonus shall be required to provide a Site Development Plan for Building Permit or Site Development Plan for Subdivision that documents bonus criteria.

6.4.7. This requirement does not affect the eligibility of Site Development Plans for administrative approval by the Planning Director.

6.4.8. Projects incorporating bonus heights are subject to code enforcement to ensure ongoing provision of bonus criteria in the future, including maintenance of private amenities accessible by the public and preservation of natural vegetation in perpetuity.

6.0 Site Development Standards General to All Zones



6.4.9. Private property owners may pay for or construct improvements to City-owned open space that meet bonus requirements and transfer this bonus to the property they own. Such improvements shall be coordinated with and acceptable to the City Open Space Division and meet all City standards as well as relevant requirements in this Plan.

TABLE 6.1 - TOTAL POINTS FOR BUILDING HEIGHT BONUS BY CHARACTER ZONE*

Building Height Bonus Criteria	Height Bonus			
	VHTC	VHRC	VHVC	VHMX
Maximum Structure Height Allowed by Zone	40 ft.	40 ft.	40 ft.	26 ft.
Maximum Building Height with Bonus	75 ft.	60 ft.	60 ft.	40 ft.
I. Natural Environment Bonus Criteria	50 pts.	35 pts.	25 pts.	50 pts.
II. Built Environment Bonus Criteria	50 pts.	40 pts.	25 pts.	50 pts.
Total Points Required to Receive Height Bonus	100 pts.	75 pts.	50 pts.	100 pts.

* See also Section 6.4.4.



6.0 Site Development Standards General to All Zones



TABLE 6.2 – BONUS HEIGHT POINTS PER CRITERION

Criteria for Optional Height Bonuses	Points
I. Natural Environment Bonus Criteria	
a. Rock outcropping dedications	25
b. Rock outcropping private preservation*	20
Public Access Easement (<i>Optional Bonus</i>)	5
c. Open space dedications	20
For dedications abutting rock outcroppings or other features deemed significant by the City Open Space Division (<i>Optional Bonus</i>)	5
d. Private park construction	20
e. Public park land dedication of at least 2 acres	15
f. Pedestrian walkway connection to rock outcropping, parks, trails, rock outcroppings, or other features deemed significant by the City Open Space Division	10
Up to 2 additional connections to features deemed significant by the City Open Space Division (<i>Optional Bonus</i>)	5 each
g. Landscaping / natural buffers in addition to what's required by Zone	10
h. Shared drainage/swales on adjacent developments / Low Impact Design (LID)	10
i. View preservation	10
j. Community garden	10
k. Interpretive signage	5
l. Preservation of native vegetation	5
m. Other benefits to the natural environment	5

Criteria for Optional Height Bonuses	Points
II. Built Environment Bonus Criteria	
a. Publicly accessible plazas / courtyards in addition to what's required by Section 9.5.4 starting on page 143.	25
b. Living roof or accessible roof garden	25
c. Grey water retention system	25
d. Transit shelters on transit corridors	20
e. LEED certification	20
f. Transit Center within 500 feet of proposed project	15
g. Public art	15
h. Solar panels	15
i. Permeable paving	10
j. Permanent streetscape/plaza furniture and/or features	10
k. Gateway feature at key intersections	10
l. Rooftop water harvesting / cisterns	5
m. Other sustainable building practices	5



* See also Policy 13.1.3 starting on page 212 and Appendix D.

6.0 Site Development Standards General to All Zones

TABLE 6.3 – STANDARDS FOR OPTIONAL HEIGHT BONUS CRITERIA

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I. Natural Environment Bonus Criteria	
a.	Dedicating a rock outcropping shown in Exhibit 9.1 plus a buffer acceptable to City Open Space Division shall meet the criteria for these points. The land shall be dedicated to the City following the process outlined in City Zoning Code §14-16-3-8(A) or by plat, deed, or other legal instrument acceptable to City Real Property.
b.	Private preservation may be accomplished through Transfer of Development Rights (TDR), conservation easement, or platting as private open space . The additional 5 points for public access may be accomplished through granting a public access easement that stays in place in the event of transfer of property ownership.
c.	Open space dedications, either on-site or offsite, shall be a minimum of one-half acre and acceptable to the City Open Space Division. Points may be granted at a rate of 5 points per acre up to a total of 20 points.
d.	A private park shall be one-half acre or larger and maintained by the property owner or property owner association. A public access easement shall be granted and filed with the City. In order to gain the bonus points, a park shall include shade trees in addition to two (2) or more of the following features: playground or equivalent recreational amenity, shade structure, seating area or tables, a sculpture or other artwork. These points may be granted per the discretion of the Planning director or his/her designee.
e.	Land dedicated for City-owned public parks shall be 2 acres or larger and must meet the approval and standards of the City Parks and Recreation Department.
f.	Pedestrian walkways constructed according to criteria in Table 9.4 (xv) shall meet the criteria for these points. Pedestrian walkways that provide connections to rock outcroppings or other features deemed significant by City Open Space Division, including those features mapped in Exhibit 9.1 , shall be eligible for an additional 5 bonus points per feature connected.
g.	Landscaped area at least 25% in excess of the requirement shall meet the criteria for these points.
h.	Shared swales shall be designed for the secondary purpose of additional open space OR to water living material in the landscaping on the site or streetscaping. They shall be privately constructed and maintained.
i.	Developments that can graphically demonstrate an arrangement of roadways, building placement, and/or building setback to preserve views toward the Sandia Mountains, volcanoes, or City vistas across the Rio Grande shall meet the criteria for these points.
j.	See Table 9.4 (iv) .
k.	Projects that include at least 2 educational, cultural, and/or historical signs or markers pertaining to Volcano Heights that are accessible to pedestrians and cyclists and follow Policy 3.106 in the Volcano Mesa amendment to the West Side Strategic Plan shall meet the criteria for these points. Signs shall be a minimum of 18 by 18 inches and a maximum of 24 by 36 inches.
l.	Projects that preserve native vegetation, especially juniper trees, are eligible for 5 bonus points per 100 square feet up to 50 total points. Native vegetation in usable and/or detached open space on-site may be counted toward this bonus. Applicants shall provide a site plan, photographs, and other relevant documentation of original site conditions.
m.	Applicants may demonstrate other benefits to the natural environment. These points may be granted per the discretion of the Planning director or his/her designee.

6.0 Site Development Standards General to All Zones

TABLE 6.3 – STANDARDS FOR OPTIONAL HEIGHT BONUS (Cont'd)



II. Built Environment Bonus Criteria	
a.	Plazas or courtyards at least 25% in excess of the requirement per General Standard 9.5.4 starting on page 143 AND incorporating at least two (2) of the following features: shade structure, seating area or tables, water features with low-water use and/or recycled water, a sculpture or other artwork. These points may be granted per the discretion of the Planning director or his/her designee. A public access easement that stays in place in the event of transfer of property ownership shall be granted and filed with the City.
b.	Improving rainwater quality by removing sediment and floatables.
c.	Incorporation of a retention system on-site that stores greywater for re-use for irrigation and/or building systems. These points may be granted per the discretion of the Planning director or his/her designee (e.g. the City hydrologist).
d.	Transit shelters shall be built per City ABQ RIDE standards and in coordination with ABQ RIDE staff and dedicated to the City. Transit shelters built within the public ROW may be counted as usable or detached open space . Paved areas such as stop pad shall also count as landscaped area.
e.	LEED certification or equivalent for buildings or for Neighborhood Design are both eligible for points toward the Height Bonus. Individual elements matching other criteria in this Table shall also be eligible for points toward the Height Bonus.
f.	Sites located within 500 feet of a developed or permitted City of Albuquerque Transit Center.
g.	One percent (1%) of project budget devoted to installation and maintenance of public art in plazas and/or outdoor spaces or incorporated into the architecture of buildings on private property or in public spaces, to be commissioned by a New Mexico artist registered with City Department of Cultural Services and managed in any combination of the following methods: <ul style="list-style-type: none"> • Property owner or designee to pick the artist and install and maintain the art, in which case 10% of the 1% shall be allocated to City Department of Cultural Services and earmarked for 5 years to be used in the event that the property owner ceases to maintain the art. After 5 years, these funds revert to the general Department budget. • Property owner or designee to allocate funds to City Department of Cultural Services, in which case 90% of the 1% pays for initial art installation on the property, and 10% is kept in reserve for ongoing maintenance by the City. • Property owner or designee to allocate funds to City Department of Cultural Services for installation of art anywhere in the Plan area, in which case 90% of the 1% pays for initial art installation, and 10% is kept in reserve for ongoing maintenance by the City.
h.	Photovoltaic or other equivalent technology that is designed and installed to generate at least 40% of the project's power needs. Solar panels must have at least one layer of anti-reflective coating to minimize glare. Exposed frames and components shall have a non-reflective surface.
i.	At least 50% of the project's surface parking areas shall be paved with a surface of equal or superior performance characteristics to asphalt but allowing permeability of runoff, such as compacted, stabilized crusher fines.
j.	Permanent furniture/features includes interactive public amenities such as but not limited to lifesize gameboards, tables & seating, low water-use fountains, amphitheaters, labyrinths, shade structures, transit shelters, etc. These elements shall not be included in sidewalks less than 12 feet wide and shall in no case result in less than 6 feet clearance for ADA accessibility.
k.	Per criteria in Section 9.7.5 starting on page 151 .
l.	Incorporation of systems that store rainwater for future on-site uses such as irrigation.
m.	These points may be granted per the discretion of the Planning director or his/her designee.

6.0 Site Development Standards General to All Zones

R

6

6.5. Grading

6.5.1. **Purpose / Intent:** This Plan restricts grading in order to protect natural topography and distinct topographic and natural character to the extent possible. Natural terrain and geological features make the area unique, desirable, and of value to residents and the larger community.

6.5.2. Cut and fill slopes shall be no steeper than 3:1 on average, and retaining walls shall not exceed 4 feet in height unless incorporated within a building's foundation or approved by the City Hydrologist as necessary for development.

6.5.3. Graded areas shall maintain the character of the natural terrain by varying gradients, undulating contours, and rounding the toe and crest of any slope greater than 10 feet in height.

6.5.1. Fill shall be limited to four (4) feet except as deemed necessary for site development and drainage by the City Hydrologist. When more than 4 feet of fill is proposed, a project shall require **DRB approval** in order to ensure coordination with the City Hydrologist, City Open Space Division, and other relevant City staff.

6.5.2. Fill shall not exceed the existing highest natural grade point on site, unless approved by the City Hydrologist for required drainage. Fill height shall be measured from the natural grade.

6.5.3. In the selection of alignment and in site design, grading plans shall demonstrate that cut and fill has been kept to a minimum consistent with the standards in this Plan. Generally, the overall topography of the site is not to be substantially altered. Development must comply with the joint Albuquerque-Bernalillo County Fugitive Dust Ordinance found in the New Mexico Administrative Code 20.11.20, as well as the most recently approved City Air Quality Control Division standards and requirements.

6.6. Construction Mitigation

6.6.1. **Purpose / Intent:** Any damage to the vegetation, slope, or placement of boulders due to or related to construction shall be mitigated as provided herein.

6.6.2. Grading permits for commercial **lot** developments in the Volcano Heights Sector Development Plan area shall only be issued concurrently with the respective commercial **building permits**. Grading permits for residential developments greater than 10 acres shall require soil stabilization, approved by the Environmental Health Department, which shall be applied to the disturbed area within three months after grading of the site commences. Grading within public rights-of-way or public drainage easements is exempt.

6.0 Site Development Standards General to All Zones

- 6.6.3. Prior to beginning any construction, the property owner, developer, or infrastructure contractor (whichever is the most relevant) shall complete the following requirements.
 - (i) A temporary silt fence shall be constructed at the site boundary adjacent to sensitive lands (i.e. the Escarpment buffer, Major Public Open Space, archeological site, or public or private conservation area to be maintained in natural desertscape) to effectively protect them from heavy equipment and vehicles.
 - a. Construction or silt fencing shall be placed no less than 12” from the Petroglyph National Monument boundary. [76]
 - b. The temporary silt fence shall comply with the most recently approved City Air Quality Control Division standards and requirements.
 - (ii) Clear limits of construction shall be established so that construction activities do not encroach on Petroglyph National Monument.
 - (iii) Photographs of the project site in its original condition shall be submitted with the application for **building permit**, subdivision, and/or site development plan. Within the Escarpment Transition zone only, in lieu of photographs, a comprehensive video recording of existing conditions and situations of rocks and boulders shall be submitted to inform compliance with permitting and other approvals.

- (iv) For any construction within the Escarpment Transition zones that includes blasting, the City Open Space in coordination with the National Park Service may require monitors to be placed between the blast site and the Petroglyph National Monument boundary in order to record blast data to ensure that disturbance remains within approved levels. Where required, monitor data may be required to be maintained for up to one year following final completion of the subject project.

- 6.6.4. Replacement of boulders shall approximate the original location, angle, and surface exposure, based on pre-construction photographs and/or comprehensive video recording.
- 6.6.5. Revegetation to approximate original cover with native or xeric plants as appropriate from the Plant List in **Table 9.5** is required within 90 days of project completion. [See **Section 9.7.8 starting on page 153** to determine whether native or xeric species are required.] A deviation may be granted by the Planning Director or his/her designee if the type of vegetation or time of year make revegetation within 90 days impossible or undesirable. For infrastructure projects on public lands, the construction company shall post a warranty bond effective for three years after completion of the infrastructure work to ensure successful revegetation.



6.0 Site Development Standards General to All Zones

R

6

- 6.6.6. Applications for public- and private-sector projects, especially infrastructure, within the Escarpment Transition zone or **adjacent** to archeological sites shall include geotechnical data and analysis that demonstrate to the satisfaction of the City Engineer, in coordination with the City Open Space Division and National Park Service, that proposed trenching or blasting will not affect the face of the Escarpment, whether by potentially causing erosion or caving of the slopes and boulders, threatening public safety or welfare, or otherwise damaging archeological resources.
- 6.6.7. The National Park Service and/or City Open Space Division shall be permitted to monitor any construction staking and/or blasting activities within the Escarpment Transition zone. No construction easements on the Monument shall be granted.
- 6.6.8. To minimize the negative impact of fugitive dust on petroglyphs, no stockpiling of rock or basalt or rock crushing shall be permitted within 1320 feet (1/4 mile) of the Petroglyph National Monument boundary.

6.7. Infrastructure

6.7.1. Utilities

(i) Easements

- a. In order to facilitate pedestrian movement and maintain accessibility, utility infrastructure such as poles, transformers, boxes, and access panels shall be planned for minimal visual intrusion and mobility impediment to pedestrians. Overhead and underground electric distribution lines are typically located within public utility easements (PUE) or private easements. They are compatible with other “dry” utilities such as cable, telephone, and fiber optic facilities. The width of the PUE is typically 10 feet in order to provide necessary clearances for safety.
- b. Water lines, sewer lines and storm water drainage or “wet” utilities are not compatible with “dry” utilities, and separation is required for safety purposes. Dry utility easements (electric, cable, phone, fiber optics) and wet utility easements (water, sewer) are located subject to provisions of all applicable codes including the New Mexico Electrical Safety Code for safety reasons.

6.0 Site Development Standards General to All Zones



c. In all zones, utility easements shall be located in **alleys** or rear access and parking areas, if available. Where there is no alley, utility infrastructure may be placed in a PUE or private easement in the front **setback** of the property, provided it does not substantially affect the pedestrian realm and is located on the edge or side of property and as far away from the main entrance and pedestrian access paths as possible. Main service line utility infrastructure connecting with public utility easements in alleys shall be accommodated in front setbacks and/or Build-to Zones. [See also **Section 10.7.7 starting on page 192.**]

(ii) **Construction:** For any construction within the Escarpment Transition zones that includes blasting, see **Section 6.6.3 starting on page 117.**

(iii) **Clearance**

- a. Any screening and vegetation surrounding ground-mounted transformers and utility pads shall allow 10 feet of clearance in front of the equipment door and 5 feet of clearance on the remaining 3 sides for access and to ensure work crew and public safety during maintenance and repair.
- b. Non-permanent use of clearance, such as for parking, is permitted. All uses shall require an encroachment agreement with PNM.

- c. Aesthetic improvements, such as painting, are encouraged to minimize visual impact of ground-mounted utility equipment. PNM may have guidelines for the most appropriate types of paint and/or other materials to use. Any identifying numbers shall not be obscured. All improvements are subject to removal as necessary for repair and/or maintenance.
- d. Trees and shrubs planted in the PUE should be planted to minimize impacts on facilities maintenance and repair. They are subject to removal as necessary for repair and/or maintenance.

6.7.2. **Roads:** See **Section 10.0 Street Standards starting on page 161.**

6.0 Site Development Standards General to All Zones

R

6

6.8. Street Screens

- 6.8.1. Except as noted elsewhere in this Plan, all required street screens shall be made up of (a) the same material as the principal building or (b) a combination of masonry and **living fence**. Required street screens shall be located at the setback line unless otherwise noted in this Plan. [See also **Section 9.7.3 starting on page 150** for requirements for wall design.]
- 6.8.2. Where provided, the **living fence** shall be within a minimum 3-foot wide planting strip located on the pedestrian, residential, or public street side. [See also **Section 9.7.3 starting on page 150**.]
- 6.8.3. Any frontage along all 'A' Streets and Civic Space not defined by a building at the **BTZ** shall be defined by a 4-foot high street screen. The required street screen shall be located at the setback line along the corresponding frontage.
- 6.8.4. Any off-street loading, unloading, storage, service, or trash pick-up areas shall be screened using a **street screen** at least as tall as the trash containers and/or service equipment it is screening at the **BTZ**.

- 6.8.5. Parking visible from the public **ROW** along an '**A**' or '**B**' Street shall have a **street screen** of masonry and/or metal railing 3-6 feet high combined with a landscape strip at least 3 feet wide on the pedestrian, residential or public street side.
- (i) Along a 'B' Street frontage, this requirement may be waived as a minor deviation if the applicant can show sufficient evidence of intent to build a parking structure within 2 years. [See **Table 3.2** starting on page 31.]
- (ii) If construction of a parking structure has not commenced within 2 years, a street screen shall be required.
- 6.8.6. Drive-through facilities, where allowed by zone and located on a '**B**' Street, shall be screened from view via location behind a building on-site or a **street screen**, specifically:
- (i) **Screening:** A street screen shall be provided for drive-up service windows and associated drive-up queue lanes that abut public streets or pedestrian areas. Screening may also be provided by placing the drive-up service windows and/or queue lanes between two adjacent and parallel buildings.
- (ii) **Drive-up Service Windows:**
- a. Drive-up service windows shall not be on a façade that faces or fronts an 'A' Street.
- b. Drive-up service windows shall be oriented away from pedestrian areas, such as sidewalks and plazas, and residentially-zoned areas, where possible.

6.0 Site Development Standards General to All Zones

- (iii) **Queue Lanes:** Queue lanes shall not be located parallel to 'A' Streets, unless they are located behind a building.
- 6.8.7. Utility equipment, including electrical transformers, gas meters, etc., shall be screened with a **street screen** at least as high as the equipment being screened.
- 6.8.8. All street screening shall be designed to be compatible with utility infrastructure, particularly to address safety considerations for utility crews during maintenance and repair.
- 6.8.9. Rainwater harvesting equipment is not permitted on any '**A' Street**. On all other frontages, they shall be screened with a **street screen** at least as high as the equipment being screened.
- 6.9. **Design of Site Elements for Automobile-related Uses**
 - 6.9.1. Drive-through lanes for commercial uses shall not be located along '**A' Streets** or **Primary 'B' Streets**.
 - 6.9.2. Gas pumps, canopies, and/or service bays shall not be located along 'A' Streets. No more than 50% of a lot's frontage along a '**B' Street** may be occupied by gas pumps, canopies, and/or service bays.
 - 6.9.3. Outdoor **storage** of vehicles or other products sold shall not be permitted along any '**A' Street**. Along 'B' Streets, outdoor storage of vehicles or other products sold shall not exceed 50% of a lot's frontage. [See also **Section 6.8.4.**]
 - 6.9.4. All off-street loading, unloading, and trash pick-up areas shall be located along '**B' Streets** or **alleys** unless permitted in the specific Site Development Standards in **Section 5** and/or **6**. [See also **Section 6.8.4.**]
 - 6.9.5. See also **Section 7.8 starting on page 129** for building design requirements for auto-related uses.



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