Volcano Heights Sector Development Plan

Focus Groups

September 14, 2011

Purpose

- Discussion to affirm strategy/intent
- Written comments to address details



Agenda

Presentation: Revised draft strategies and materials

Questions/Discussion:

- Questions and comments about presentation materials
- General Discussion

Next Steps:

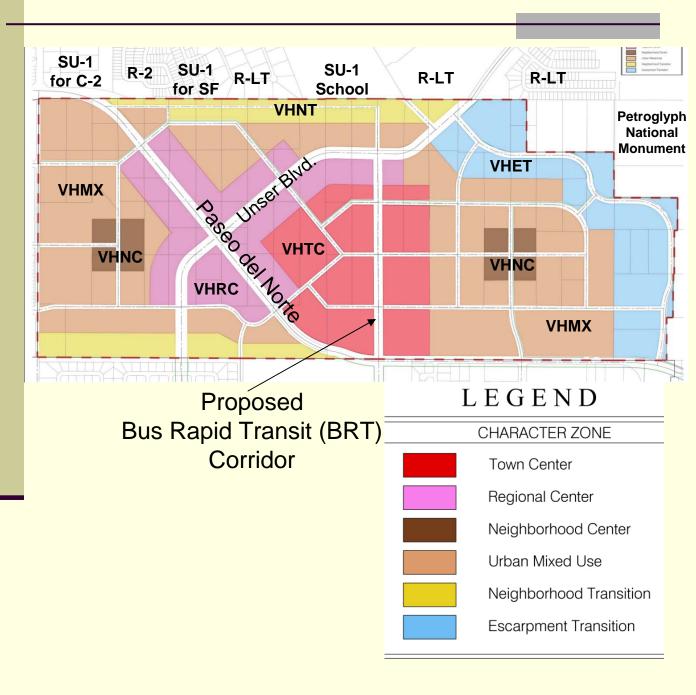
- September 23 Written comments due
- Sept.-Oct. Revised content for DRAFT
- October 6 EPC Hearing deferral
- Mid-October Public meeting DRAFT
- November Development Experts Panel
- December 4 EPC Hearing hearing

Presentation Overview

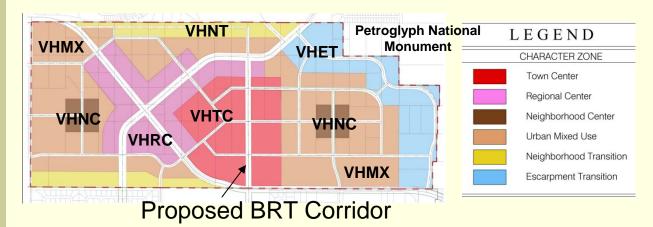
- Character Zones
- 2. Heights
- 3. Streets
- 4. Site Development Standards
- Building Design Standards
- Other Development Standards
- 7. Implementation
- 8. Revised Project Schedule



1. Character Zones



1. Character Zones: Intention / Strategy

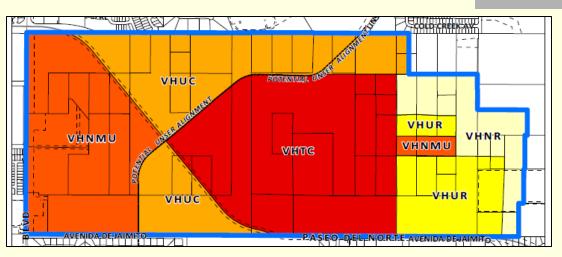


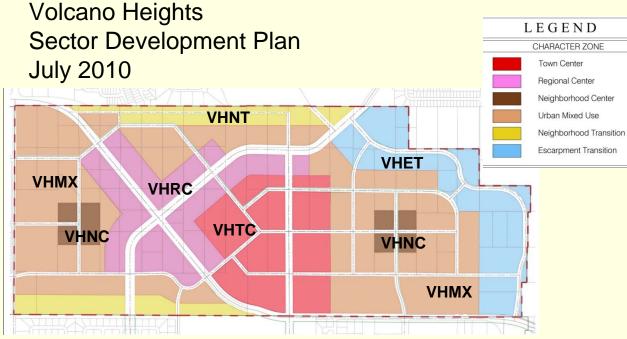
- Mixed-use everywhere
- Lower-intensity/height in Transition zones
- Medium-intensity/height in VHMX as buffer
- Higher-intensity/height in Center zones:
 - Regional Center along Paseo/Unser
 - Town Center along proposed BRT corridor
 - Neighborhood Center within VHMX at intersections

Heights:

- 15-foot limit in Impact Area as defined by Rank III NW Mesa Escarpment Plan
- 18 feet + 26 feet for up to 50% of bldg. footprint
- 26 feet everywhere else by right
- Height bonuses available for Center zones and VHMX

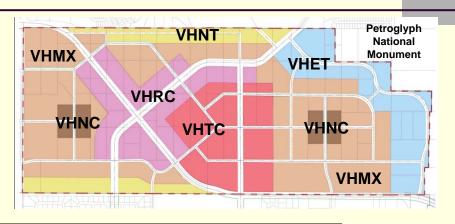
Character Zones: Comparison to Previous Draft





Proposed Character Zones September 2011

Character Zones: Size & Density Comparison



| Zone | Density/ Intensity | Acres | | |
|-----------------------------|-----------------------|-------|-------------------|--------------|
| Town Center: | Highest | 71 | Major Activity | VHTC VHRC |
| Regional Center: | High | 67 | Center (MAC) | VHNC VHMX |
| Neighborhood Center: | High | 17 | Total | 360 |
| Mixed Use: | Medium | 205 | Total | acres |
| Neighborhood Transition: | Low | 43 | | |
| Escarpment Transition: | Low | 54 | | |

1. Character Zone: Use Table (1 of 4)

| Table 5.1 – Sch | iedule o | f Uses | | | | |
|---|--------------------|------------------------|-------------|-----------|----------------------------|--------------------------|
| Character Zone | Regional Center | Neighborhood Center | Town Center | Mixed-Use | Neighborhood Transition | Escarpment Transition |
| Land Use | | | | | | |
| Commercial Uses (Office, Retail, Sales and Service Uses) | | | | | | |
| Retail Sales or Service with <u>no drive through facility</u> (includes alcohol sales). Excluded from this category are retail sales and service establishments geared toward the automobile | | Р | Р | Р | С | С |
| Auto-related Sales or Service establishments | Р | С | С | С | NP | NP |
| Finance and Real Estate establishments including banks, credit unions, real estate, and property management services, with nodrive through facility | | Р | Р | Р | NP | С |
| Offices for business, professional, administrative, and technical services such as, but not limited to, accountants, architects, lawyers, doctors, insurance sales/services, etc. | | Р | Р | Р | C | С |
| Research laboratory headquarters, laboratories and associated facilities | Р | Р | Р | Р | NP | NP |
| Food Service Uses such as full-service restaurants, cafeterias, bakeries and snack bars with no drive through facilities. Included in this category is café seating within a public or private sidewalk area with no obstruction of pedestrian circulation. Also included in this category is the sale of alcoholic beverages. | | Р | Р | Р | С | С |
| Pet and animal sales or service (including vet clinic) | Р | Р | Р | Р | NP | С |
| Any permitted use with a drive through facility | Р | С | С | С | NP | NP |

1. Character Zone: Use Table (2 of 4)

| Table 5.1 – Schedule of Uses | | | | | | | | |
|--|------------|------------------------|-------------|-----------|----------------------------|--------------------------|--|--|
| Character Zone | nal r | Neighborhood Center | Town Center | Mixed-Use | Neighborhood Transition | Escarpment Transition | | |
| Land Use | | | | | | | | |
| Arts, Entertainment, and Recreation Uses | | | | | | | | |
| Art galleries | Р | Р | Р | Р | С | С | | |
| Art, antique, furniture or electronics studio (retail, repair or fabrication; excludes auto electronics sales or service) | Р | Р | Р | Р | С | С | | |
| Games establishments (includes arcades) | Р | Р | Р | Р | NP | NP | | |
| Theater, cinema, dance, or music establishment | Р | Р | Р | Р | NP | NP | | |
| Museums and other special purpose recreational institutions | Р | С | Р | С | NP | NP | | |
| Adult-oriented Businesses | Р | NP | NP | NP | NP | NP | | |
| Fitness, recreational sports, gym, or athletic club | Р | Р | Р | Р | С | С | | |
| Parks, greens, plazas, squares, and playgrounds | Р | Р | Р | Р | Р | Р | | |
| Educational, Public Administration, Health Care and Other | Institutio | onal Uses | 5 | | | | | |
| Business associations, professional membership organizations, social & fraternal organizations | Р | Р | Р | Р | NP | NP | | |
| Child day care and preschools | Р | Р | Р | Р | Р | Р | | |
| Schools, libraries, and community halls | Р | Р | Р | Р | Р | Р | | |
| Universities and Colleges | Р | Р | Р | Р | NP | NP | | |
| Technical, trade, and specialty schools | Р | Р | Р | Р | NP | NP | | |
| Hospitals and nursing establishments | Р | Р | Р | Р | NP | NP | | |
| Civic uses | Р | Р | Р | Р | Р | Р | | |
| Social services and philanthropic organizations | Р | Р | Р | Р | С | С | | |
| Rehabilitative Clinics | Р | Р | Р | Р | NP | NP | | |
| Public administration uses (including local, state, and federal government uses, public safety, health and human services) | Р | Р | Р | Р | С | С | | |
| Religious Institutions | Р | Р | Р | Р | С | С | | |
| Funeral homes | Р | Р | С | Р | NP | NP | | |

1. Character Zone: Use Table (3 of 4)

| Table 5.1 – Schedule of Use | es | | | | | |
|---|--------------------|------------------------|-------------|-----------|----------------------------|--------------------------|
| Character | Regional Center | Neighborhood Center | Town Center | Mixed-Use | Neighborhood Transition | Escarpment Transition |
| Land Use | | | | | | |
| Residential Uses | | | | | | |
| Home Occupations | Р | Р | Р | Р | Р | Р |
| Multi-family residential | | | | | | |
| Ground floor | Р | С | С | Р | С | Р |
| Upper floors | Р | Р | Р | Р | С | Р |
| Residential Lofts | Р | Р | Р | Р | Р | Р |
| Single-family residential attached dwelling unit (Townhomes) | NP | Р | NP | Р | Р | Р |
| Single-family residential detached | NP | NP | NP | NP | Р | Р |
| Accessory residential unit | NP | Р | NP | Р | Р | Р |
| Live-work unit | Р | Р | Р | Р | Р | Р |
| Manufacturing, Transportation, Communication, and Utility Uses | | | | | | |
| Food and textile product manufacturing | Р | NP | С | Р | NP | NP |
| Wood, paper, and printing products manufacturing | Р | NP | NP | NP | NP | NP |
| Machinery, electronics, and transportation equipment manufacturing | Р | NP | NP | Р | NP | NP |
| Miscellaneous manufacturing (included in this category are jewelry, silverware, personal metal goods, flatware, dolls, toys, games, musical instruments, office supplies, and signs.) | | NP | NP | C | NP | NP |
| Wholesale trade establishment | Р | NP | NP | Р | NP | NP |
| Warehouse and storage services | Р | NP | NP | Р | NP | NP |
| Transportation services (air, rail, road, truck and freight) | Р | NP | NP | NP | NP | NP |
| Publishing (newspaper, books, periodicals, software) | Р | Р | Р | Р | NP | NP |
| Motion picture and sound recording | Р | Р | Р | Р | NP | С |
| Telecommunications and broadcasting (radio, TV, cable, wireless communications, telephone, etc) | Р | Р | Р | Р | NP | NP |
| Information services and data processing | Р | Р | Р | Р | NP | NP |
| Utilities and utility services (electric, natural gas, alternative) | Р | NP | NP | Р | NP | NP |

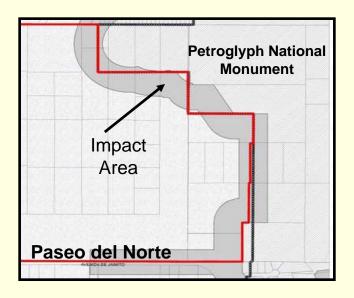
1. Character Zone: Use Table (4 of 4)

| Table 5.1 – Schedule of Uses | | | | | | | | | |
|---|--------------------|------------------------|-------------|-----------|----------------------------|--------------------------|--|--|--|
| Character Zone | Regional Center | Neighborhood Center | Town Center | Mixed-Use | Neighborhood Transition | Escarpment Transition | | | |
| Land Use | | | | | | | | | |
| Other Uses | | | | | | | | | |
| Model homes for sales and promotion** | Р | Р | Р | Р | Р | Р | | | |
| Hotels | Р | Р | Р | Р | NP | NP | | | |
| Bed and Breakfast | NP | NP | NP | Р | Р | Р | | | |
| Parking, surface (primary use of property) | С | С | С | С | NP | NP | | | |
| Parking, surface (accessory use of property) | Р | Р | Р | Р | С | С | | | |
| Parking, structured | Р | Р | Р | Р | NP | NP | | | |
| Private attached garage | NP | NP | NP | Р | Р | Р | | | |
| Private detached garage | NP | NP | NP | Р | Р | Р | | | |
| Sales from kiosks (includes food carts) | С | С | C | С | NP | С | | | |
| Veterinary clinic | Р | Р | Р | Р | NP | NP | | | |
| Community garden | С | С | С | Р | Р | Р | | | |
| Antennas including cell, accessory, and mounted on top of buildings (per Zoning Code, which requires concealment) | Р | Р | Р | Р | Р | Р | | | |
| Wind energy equipment | P/A | P/A | P/A | P/A | P/A/C | P/A/C | | | |
| Solar energy equipment | P/A | P/A | P/A | P/A | P/A | P/A | | | |
| Special Event | Р | Р | Р | Р | С | С | | | |

Escarpment Transition

Escarpment Transition Height

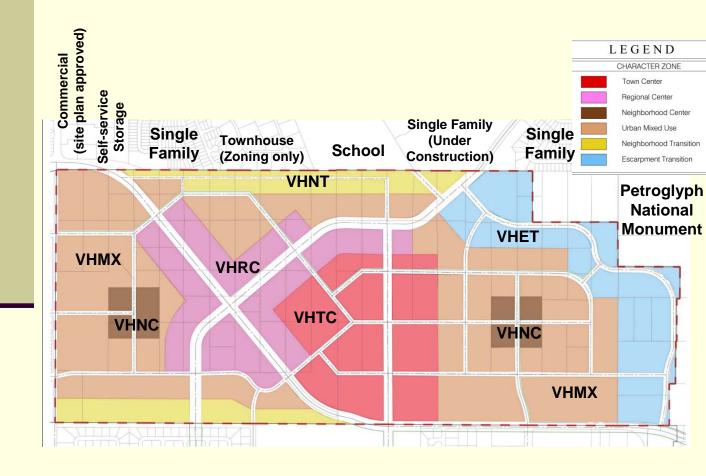
- Within Rank III Northwest Mesa Escarpment Plan (NWMEP) Impact Area: 15 feet
- Within 200 feet of Impact Area: 18 feet (2nd story to 26 feet allowed for up to 50% of building footprint)
- For the rest of the zone, 26 feet by right





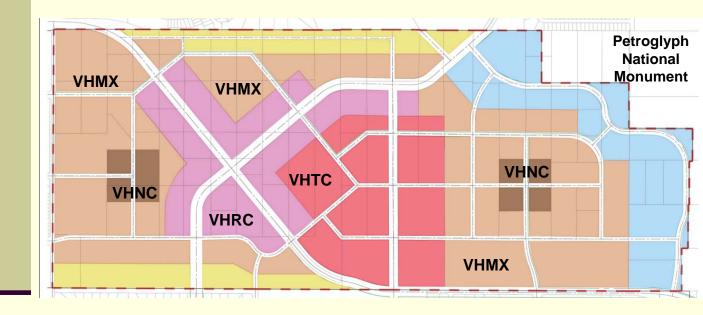
2. HEIGHTS All Other Zones

- 26 feet by right within Volcano Heights
- APS Schools not subject to City height regulations
- Single-family & Townhouses north of Volcano Heights = 26 feet



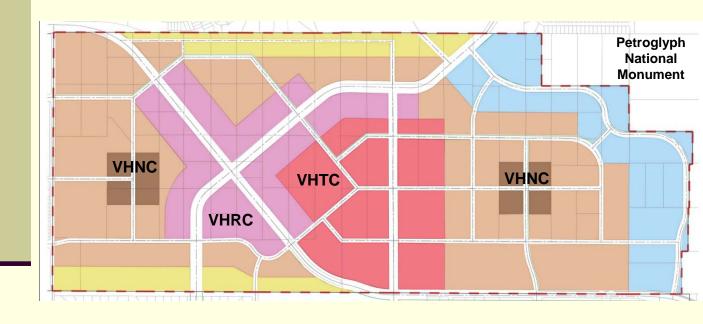
Bonuses for 40 feet

- 26 feet everywhere else by right
- Height Bonuses for Non-transition zones (Center Zones + Mixed-Use):
 - Bonus criteria up to 40 feet in all non-Transition zones



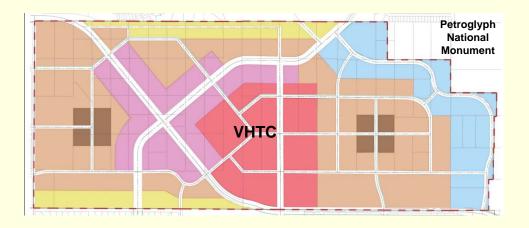
Bonuses for 65 feet

- 26 feet everywhere else by right
- Height Bonuses for Non-transition zones (Center Zones + Mixed-Use):
 - Bonus criteria up to 40 feet in all non-Transition zones
 - Additional bonus criteria up to 65 feet in Center zones



Bonuses for 65+ Feet

- 26 feet everywhere else by right
- Height Bonuses for Non-transition zones (Center Zones + Mixed-Use):
 - Bonus criteria up to 40 feet in all non-Transition zones
 - Additional bonus criteria up to 65 feet in Center zones
 - Bonus Criteria + Employment Criteria + Development
 Agreement with City to go above 65 in Town Center ONLY



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2. Heights Optional Bonus Criteria*

| | | | 40-foot Height Bonus | | | 65-foo | t Height | ght Bonus | | |
|-----|--|--------|----------------------|----|------|--------|----------|-----------|------|--|
| Opt | ional Criteria for Height Bonuses | Points | | | VHNC | | | | VHNC | |
| I. | Natural Environment Bonus Criteria: | | 50 | 50 | 25 | 50 | | 100 | | |
| | a. Rock outcroppings dedications | 25 | | | | | | | | |
| | b. Trails connecting rock outcroppings | | | | | | | | | |
| | or other features deemed significant by the | | | | | | | | | |
| | City Open Space Division | 25 | | | | | | | | |
| | c. Open space dedications | 20 | | | | | | | | |
| | d. Private park construction | 20 | | | | | | | | |
| | e. Other trails | 20 | | | | | | | | |
| | f. Landscaping / natural buffers in | | | | | | | | | |
| | addition to what's required by Zone | 10 | | | | | | | | |
| | g. Shared drainage / swales with | | | | | | | | | |
| | adjacent developments (preferably as | | | | | | | | | |
| | open space, parks, and/or trails OR to | | | | | | | | | |
| | water landscaping) | 10 | | | | | | | | |
| | h. View preservation | 10 | | | | | | | | |
| | i. Interpretive signage | 5 | | | | | | | | |
| II. | Built Environment Bonus Criteria: | | 50 | 25 | 25 | 50 | 75 | 75 | 100 | |
| | a. Plazas / courtyards | 25 | | | | | | | | |
| | b. Living roof or accessible roof garden | 25 | | | | | | | | |
| | c. Transit shelters on transit corridors | 20 | | | | | | | | |
| | d. LEED certification | 20 | | | | | | | | |
| | e. Transit Center within 500 feet of | | | | | | | | | |
| | proposed project | 15 | | | | | | | | |
| | e. Solar panels | 15 | | | | | | | | |
| | f. Permeable paving | 10 | | | | | | | | |
| | g. Permanent streets cape/plaza furniture | | | | | | | | | |
| | and/or features (lifesize gameboards, | | | | | | | | | |
| | tables & seating, low water use fountains, | | | | | | | | | |
| | amphitheaters, labyrinths, shade | 40 | | | | | | | | |
| | structures, etc.) | 10 | | | | | | | | |
| | h. Rooftop water harvesting / cisterns | 5 | | | | | | | | |
| | i. Other sustainable building practices | 5 | 100 | 75 | - 50 | 100 | 450 | .475 | 150 | |
| To | ital Points Required to Receive Height Bonus | | 100 | 75 | 50 | 100 | 150 | 175 | 150 | |

^{*} As approved by Planning Director or his/her designee

3. Streets Street Network Hierarchy

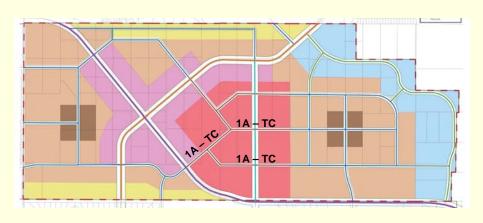
- 'A' Street vs. 'B' Street
 - 'A' Street = Building entrances, pedestrian-friendly
 - 'B' Street = Services, more auto-oriented (includes Paseo del Norte and Unser Boulevard)
- Mandatory Streets vs. Non-mandatory Streets
 - Mandatory Streets = Mapped & regulated by Street Character first
 - Non-mandatory Streets = Criteria only & regulated by Character Zone

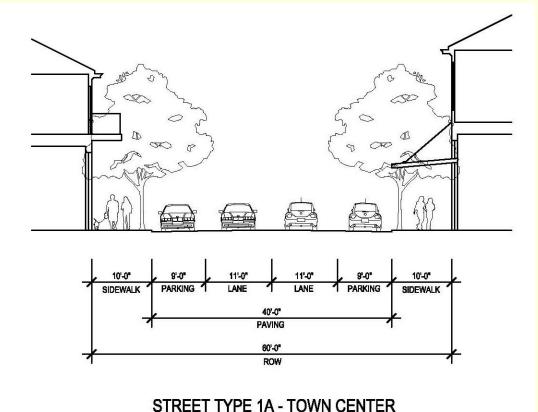


3. Streets: Character Zones & Street Character

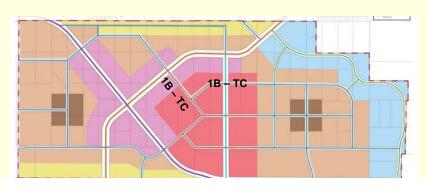


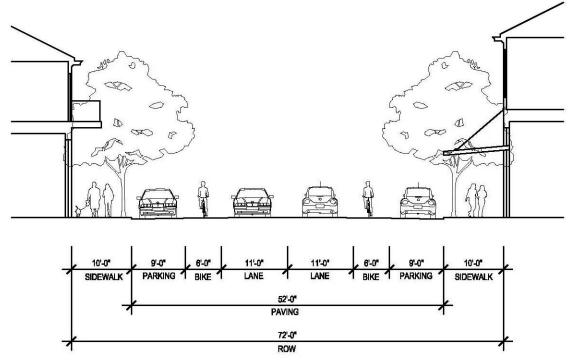
3. Street Cross Sections: Town Center – 1A





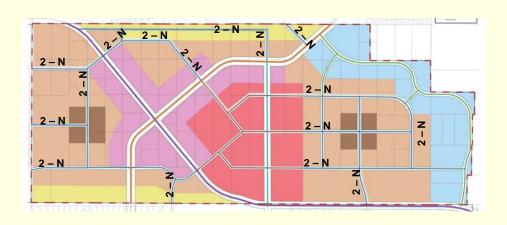
3. Street Cross Sections: Town Center – 1B

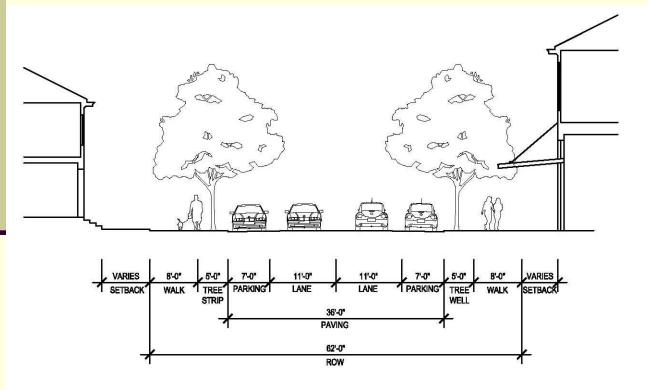




STREET TYPE 1B - TOWN CENTER WITH BIKE TRAIL

3. Street Cross Sections: Neighborhood Street – 2



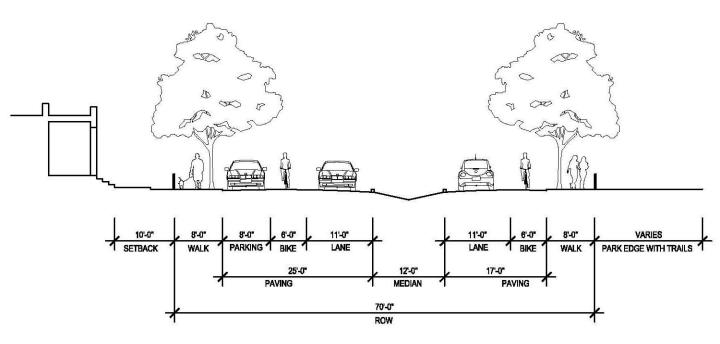


STREET TYPE 2 - NEIGHBORHOOD STREET

3. Street Cross Sections: Park Edge – 3A

- Single-loaded
- Abutting Petroglyph National Monument

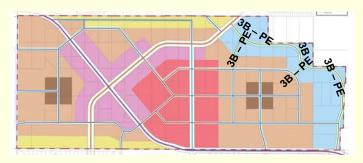


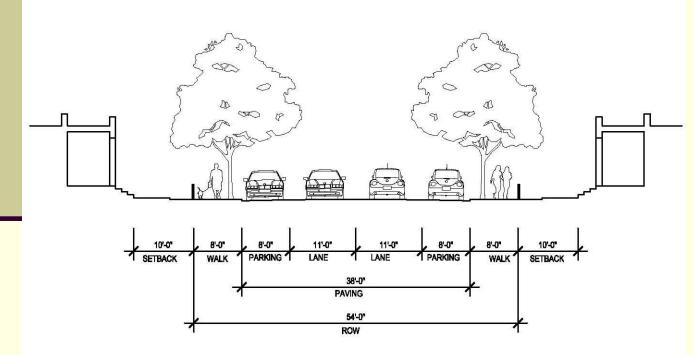


STREET TYPE 3A - PARK EDGE WITH MEDIAN

3. Street Cross Sections: Park Edge – 3B

- May be double-loaded
- Not abutting Petroglyph National Monument





STREET TYPE 3B - PARK EDGE NO MEDIAN

3. Street Cross Sections: Transit Corridor

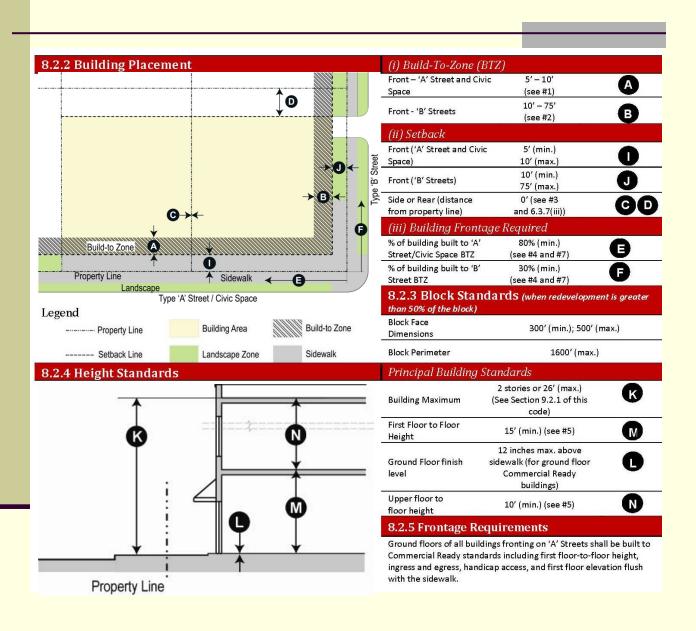
SIDEWALK FURN. 12'-0" SHARED LANE 39'-0" 12-0" TRANSIT 120'-0" ROW 9 9 **TA8** – 12-0" 12'-0" SHARED LANE 39'-0" PAVING 13'-0" SIDEWALK

STREET TYPE 4 - TRANSIT BLVD THROUGH TOWN CENTER

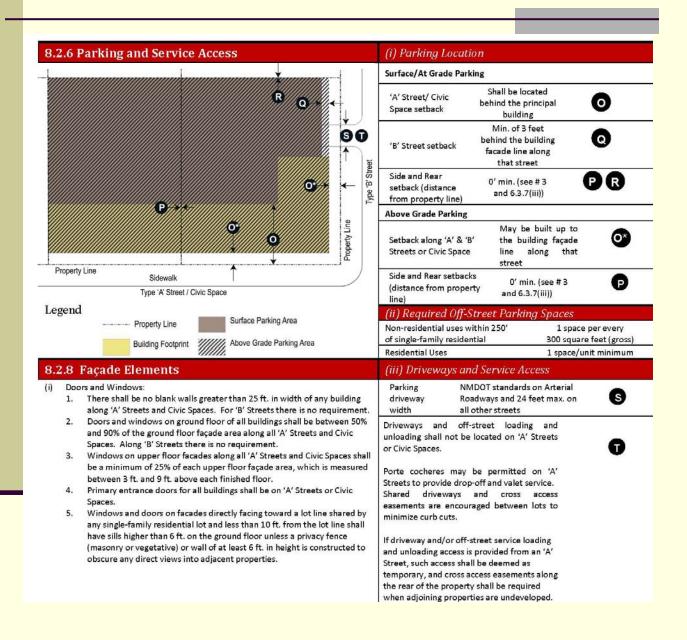
4. Site Development Standards: Overview

- Frontage:
 - How the building façade relates to the street
- Building Placement:
 - How the building footprint relates to the site
- Parking Placement & Ratios:
 - Where parking goes on the site and how much parking required by land use (residential vs. commercial, etc.)
- Transitions to Single-family Residential (SF):
 - In non-transition zones, heights adjacent to SF uses are restricted to 26 feet (i.e. not eligible for height bonus)

4. Site Development Standards: Town Center – VHTC (1 of 3)



4. Site Development Standards: Town Center – VHTC (2 of 3)



4. Site Development Standards: Town Center – VHTC (3 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 – The area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) landscaping strip (I*) with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 60' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this Code.

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

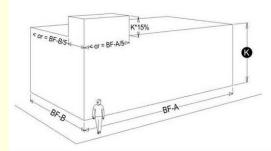
#4 – Corner building street facades shall be built to the BTZ for a minimum of 30' from the corner along both streets or the width of the corner lot, whichever is less. Recessed entrances are permitted as long as the upper floors meet the build-to zone standards.

#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

#7 – 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. Furthermore, service areas along all streets and alleys shall be defined by a Street Screen that is at least as high as the service equipment being screened. Required Street Screens shall be of either the same building material as the principal structure on the lot or masonry or a living screen composed of shrubs planted to be opaque at maturity. Species shall be selected from the Plant List in Section 12.1 of this Code. The required Street Screen shall be located at the setback line along the corresponding frontage.

#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



8.2.7 Other Standards

(i) Encroachments

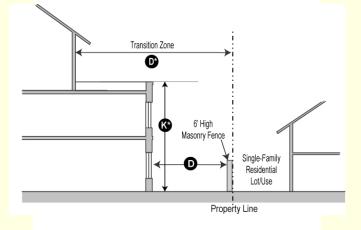
- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- Building projections on all other facades may not be closer than 5' to any adjacent property line.

(ii) Arcades and Colonnades:

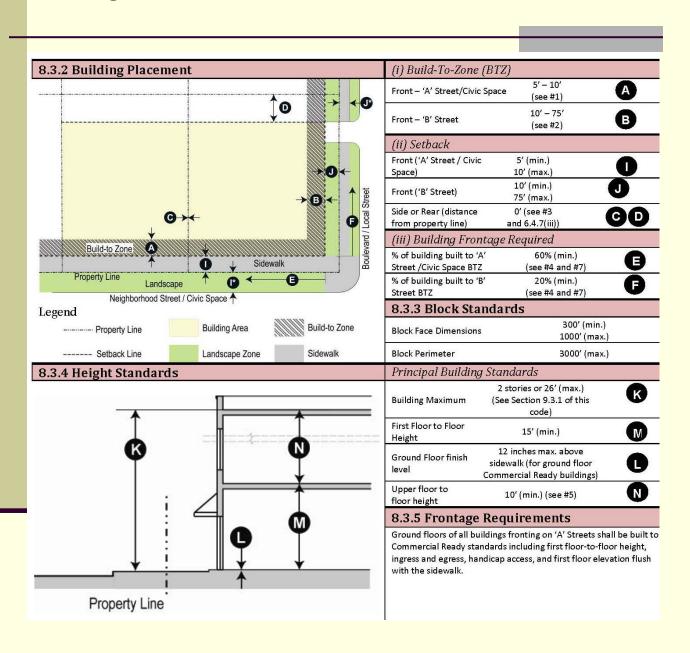
- Arcades and Colonnades are permitted within the build-to-zone and shall be a minimum of 6' in depth.
- The minimum interior clearance height within an arcade or colonnade shall be 12'.

(iii) Neighborhood Transitions:

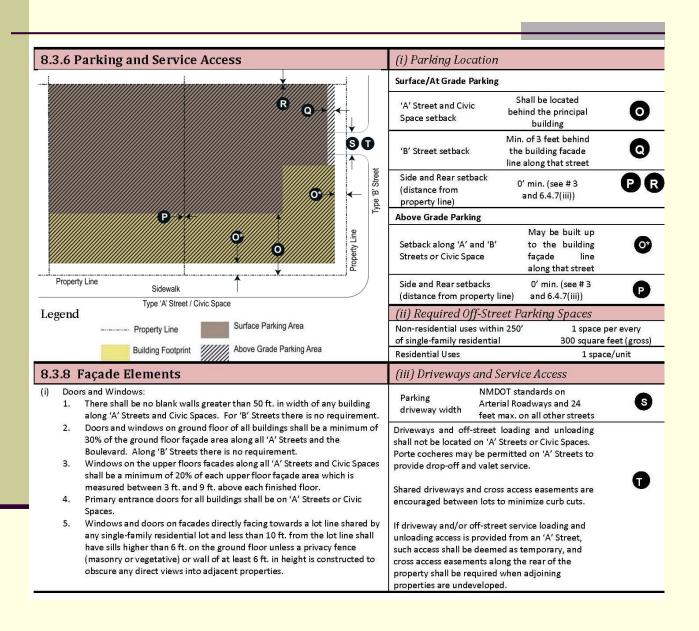
- A Neighborhood Transition Zone shall be established on all development sites adjacent to single family sites at 25' parallel to any lot line that is common with a single-family residential lot.
- Building height within this Neighborhood Transition
 Zone shall not exceed 2 floors or 26' and is not
 eligible for height bonus. This standard shall apply to
 any parking structures located within the
 Neighborhood Transition Zone.
- A privacy fence (masonry or opaque vegetative) of a 6' height shall be required when abutting a singlefamily residential lot and shall be optional for all other adjacencies.



4. Site Development Standards: Regional Center – VHRC (1 of 3)



4. Site Development Standards: Regional Center – VHRC (2 of 3)



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4. Site Development Standards: Regional Center – VHRC (3 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 – The area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) landscaping strip with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 30' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this Code.

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

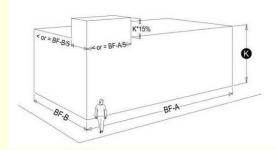
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#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

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#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



8.3.7 Other Standards

(i) Encroachments

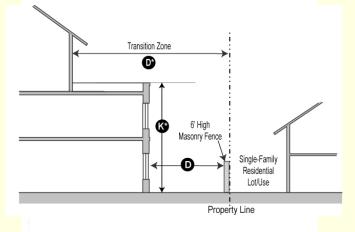
- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- Building projections on all other facades may not be closer than 5' to any adjacent property line.

(ii) Arcades and Colonnades:

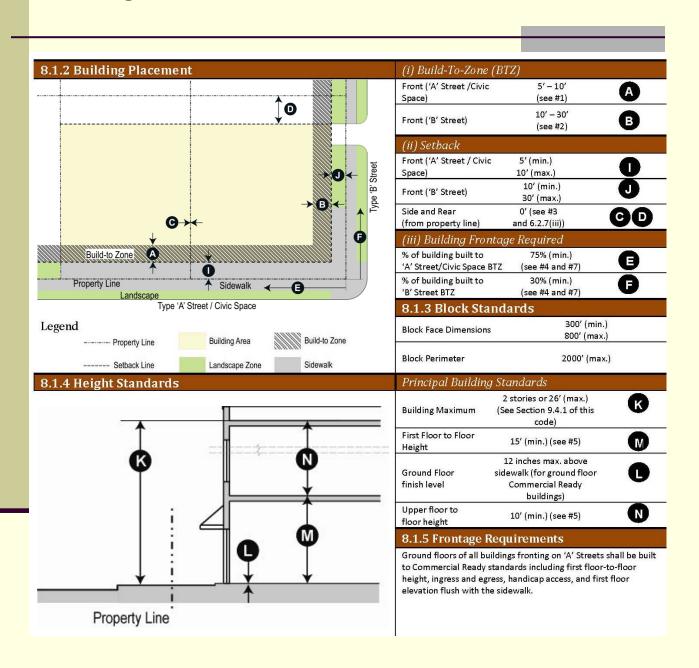
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(iii) Neighborhood Transitions:

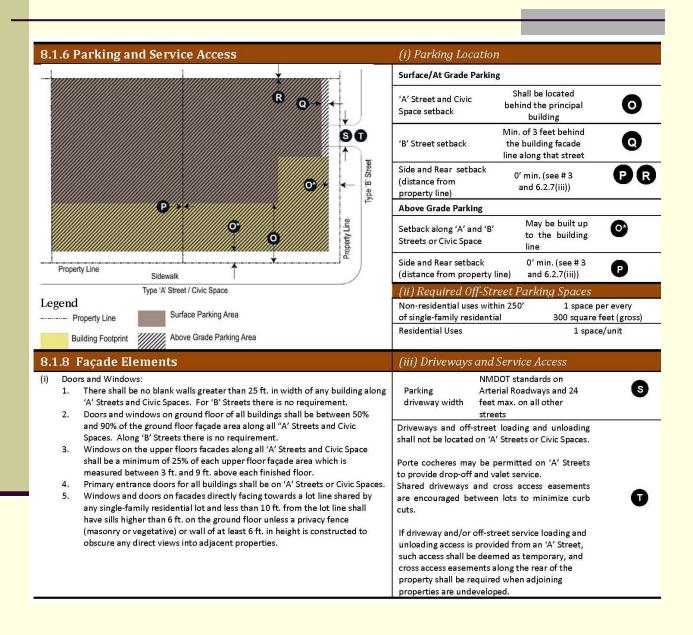
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 Transition Zone.
- A privacy fence (masonry or opaque vegetative) of a 6' height shall be required when abutting a singlefamily residential lot and shall be optional for all other adjacencies.



4. Site Development Standards: Neighborhood Center – VHNC (1 of 3)



4. Site Development Standards: Neighborhood Center – VHNC (2 of 3)



4. Site Development Standards: Neighborhood Center – VHNC (3 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 — The area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) landscaping strip (1*) with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 60' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this Code.

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

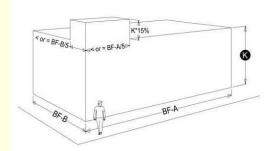
#4 – Corner building street facades shall be built to the BTZ for a minimum of 30' from the corner along both streets or the width of the corner lot, whichever is less. Recessed entrances are permitted as long as the upper floors meet the build-to zone standards.

#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

#7 — 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. Furthermore, service areas along all streets and alleys shall be defined by a Street Screen that is at least as high as the service equipment being screened. Required Street Screens shall be of either the same building material as the principal structure on the lot or masonry or a living screen composed of shrubs planted to be opaque at maturity. Species shall be selected from the Plant List in Section 12.1 of this Code. The required Street Screen shall be located at the setback line along the corresponding frontage.

#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



8.1.7 Other Standards

(i) Encroachments

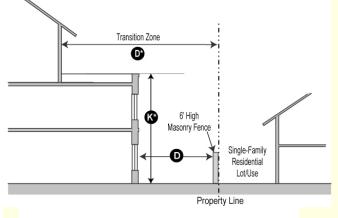
- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- Building projections on all other facades may not be closer than 5' to any adjacent property line.

(ii) Arcades and Colonnades:

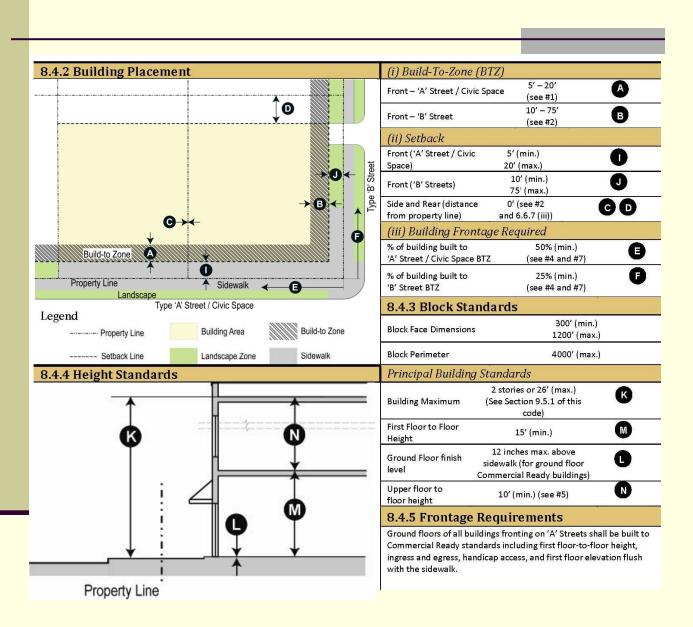
- Arcades and Colonnades are permitted within the build-to-zone and shall be a minimum of 6' in depth.
- The minimum interior clearance height within an arcade or colonnade shall be 12'.

(iii) Neighborhood Transitions:

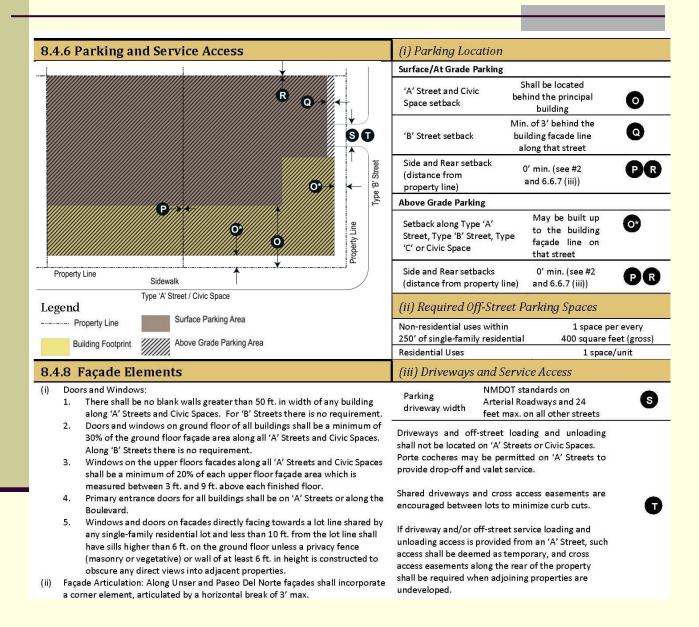
- A Neighborhood Transition Zone shall be established on all development sites adjacent to single family sites at 25' parallel to any lot line that is common with a single-family residential lot.
- Building height within this Neighborhood Transition Zone shall not exceed 2 floors or 26' and is not eligible for height bonus. This standard shall apply to any parking structures located within the Neighborhood Transition Zone.
- A privacy fence (masonry or opaque vegetative) of a 6' height shall be required when abutting a singlefamily residential lot and shall be optional for all other adjacencies.



4. Site Development Standards: Mixed Use – VHMX (1 of 3)



4. Site Development Standards: Mixed Use – VHMX (2 of 3)



4. Site Development Standards: Mixed Use – VHMX (3 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 – On 'A' Streets and Civic Spaces, the area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) landscaping strip with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 30' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this Code.

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

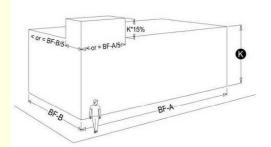
#4 – Corner building street facades shall be built to the BTZ for a minimum of 25' from the corner along both streets or the width of the corner lot, whichever is less. Recessed entrances are permitted as long as the upper floors meet the build-to zone standards.

#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

#7 – 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. Furthermore, service areas along all streets and alleys shall be defined by a Street Screen that is at least as high as the service equipment being screened. Required Street Screens shall be of either the same building material as the principal structure on the lot or masonry or a living screen composed of shrubs planted to be opaque at maturity. Species shall be selected from the Plant List in Section 12.1 of this Code. The required Street Screen shall be located at the setback line along the corresponding frontage.

#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



3.4.7 Other Standards

(i) Encroachments:

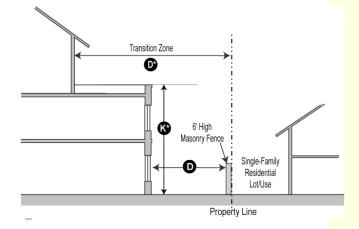
- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- 2. Building projections on all other facades may not be closer than 5' to any adjacent property line.

(ii) Arcades and Colonnades:

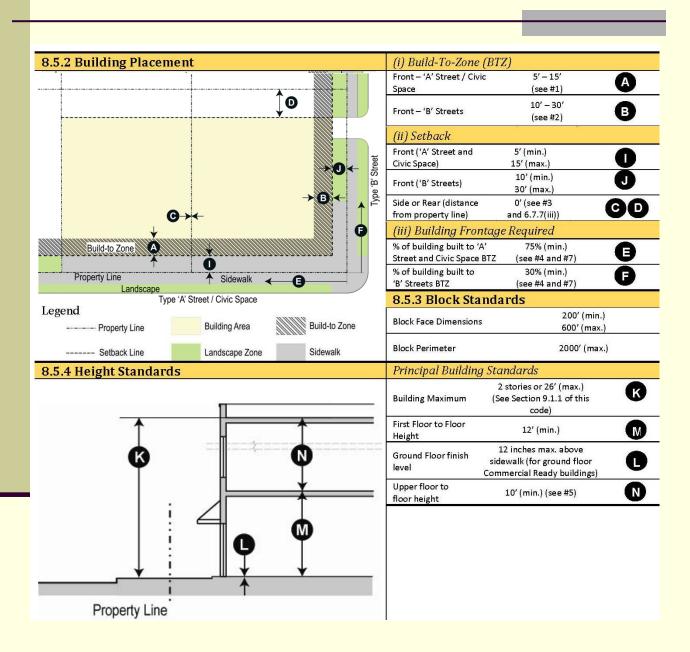
- Arcades and Colonnades are permitted within the build-to-zone and shall be a minimum of 6' in depth.
- The minimum interior clearance height within an arcade or colonnade shall be 12'.

(iii) Neighborhood Transitions:

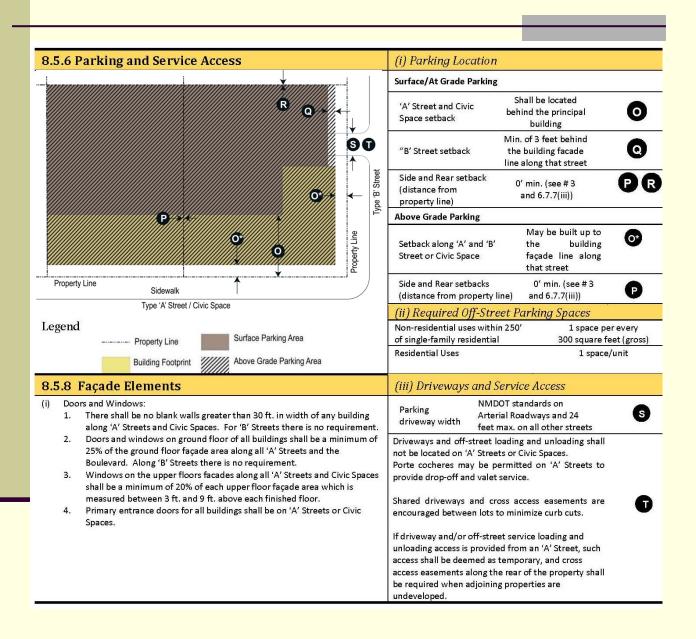
- A Neighborhood Transition Zone shall be established on all development sites adjacent to single family sites at 25' parallel to any lot line that is common with a singlefamily residential lot.
- Building height within this Neighborhood Transition Zone shall not exceed 3 floors. This standard shall apply to any parking structures located within the Neighborhood Transition Zone.
- A privacy fence (masonry or opaque vegetative) of a 6'
 height shall be required when abutting a single-family
 residential lot and shall be optional for all other
 adjacencies.



Neighborhood Transition – VHNT (1 of 3)



Neighborhood Transition – VHNT (2 of 3)



Neighborhood Transition – VHNT (2 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 – On 'A' Streets and Civic Spaces, the area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) landscaping strip with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 30' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this Code.

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

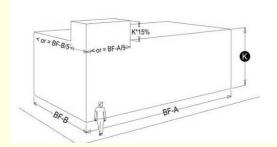
#4 – Corner building street facades shall be built to the BTZ for a minimum of 25' from the corner along both streets or the width of the corner lot, whichever is less. Recessed entrances are permitted as long as the upper floors meet the build-to zone standards.

#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

#7 – 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. Furthermore, service areas along all streets and alleys shall be defined by a Street Screen that is at least as high as the service equipment being screened. Required Street Screens shall be of either the same building material as the principal structure on the lot or masonry or a living screen composed of shrubs planted to be opaque at maturity. Species shall be selected from the Plant List in Section 12.1 of this Code. The required Street Screen shall be located at the setback line along the corresponding frontage.

#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



8.5.7 Other Standards

(i) Encroachments

- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- Building projections on all other facades may not be closer than 5' to any adjacent property line.

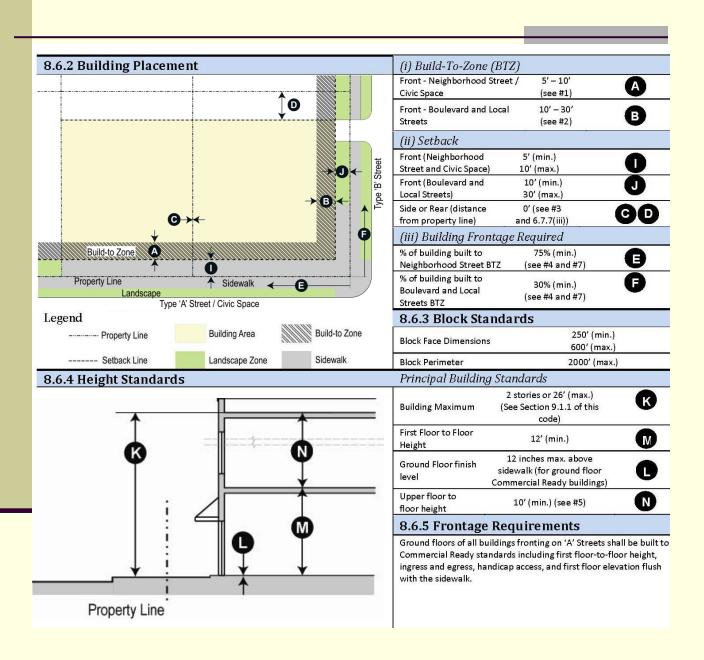
(ii) Arcades and Colonnades:

- Arcades and Colonnades are permitted within the build-to-zone and shall be a minimum of 6' in depth.
- The minimum interior clearance height within an arcade or colonnade shall be 14'.

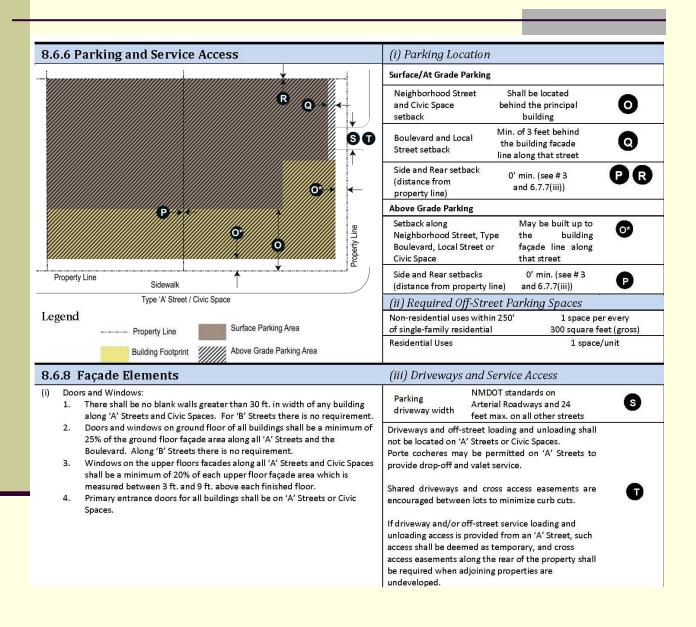
(iii) Privacy Fence:

A privacy fence (masonry or opaque vegetative) of a 6'
height shall be required when a non-residential lot is
abutting a single-family residential lot and shall be
optional for all other adjacencies.

4. Site Development Standards: Escarpment Transition – VHET (1 of 3)



4. Site Development Standards: Escarpment Transition – VHET (2 of 3)



Escarpment Transition – VHET (3 of 3)

Notes

#1 – Area between the building and the edge of the BTZ at the sidewalk shall be paved flush with the public sidewalk.

#2 – On 'A' Streets and Civic Spaces, the area between the building and the edge of the BTZ at the public sidewalk shall include a 6' wide (min.) land scaping strip with street trees planted at 40' on center (average), except at street intersections, where paving is optional up to 30' along the building façade. Species of the street trees shall be selected from the Plant List in Section 12.1 of this

#3 – Side and rear setbacks shall be based on minimum fire separation required between buildings, if applicable.

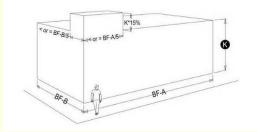
#4 – Corner building street facades shall be built to the BTZ for a minimum of 25' from the corner along both streets or the width of the corner lot, whichever is less. Recessed entrances are permitted as long as the upper floors meet the build-to zone standards.

#5 - Floor to floor heights shall not apply to parking structures.

#6 – Attics and mezzanines less than 7 feet (avg.) height shall not be counted as a story.

#7 – 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. Furthermore, service areas along all streets and alleys shall be defined by a Street Screen that is at least as high as the service equipment being screened. Required Street Screens shall be of either the same building material as the principal structure on the lot or masonry or a living screen composed of shrubs planted to be opaque at maturity. Species shall be selected from the Plant List in Section 12.1 of this Code. The required Street Screen shall be located at the setback line along the corresponding frontage

#8 – Corner buildings may exceed the maximum building height by 15% for 20% of the building's frontage along each corresponding street façade.



8.6.7 Other Standards

(i) Encroachments

- Canopies, signs, awnings and balconies may encroach over the sidewalk as long as the vertical clearance is a minimum of 8 feet. In no case shall an encroachment be located over an on-street parking or travel lane.
- Building projections on all other facades may not be closer than 5' to any adjacent property line.

(ii) Arcades and Colonnades:

- 3. Arcades and Colonnades are permitted within the build-to-zone and shall be a minimum of 6' in depth.
- The minimum interior clearance height within an arcade or colonnade shall be 14'.

(iv) Privacy Fence:

A privacy fence (masonry or opaque vegetative) of a 6'
height shall be required when abutting a single-family
residential lot and shall be optional for all other
adiacencies.

5. Building Design Standards: Overview

Building form:

- Height
- Building orientation
- Massing & scale
- Color
- Building materials
- Glazing requirements / reflectivity limits
- NOTE: Does NOT include Architectural Style
- See separate PDF for DRAFT Building Design Standards
 - NOTE: Albuquerque examples, graphics, and illustrations still to come

6. Other Development Standards:(To come)

Landscape Standards:

How much landscaping required on-site & planting lists

Open Space Standards:

 How much OS is required on-site vs. offsite & bonuses for dedication of significant rock outcroppings

Lighting:

Site & Street lighting standards

6. Draft Materials/Content: (To come)

- Other Development Standards
- Street Cross Section Matrix & Criteria non-mandatory streets
- Trails & Open Space Policies/Planning
- Design approval process
- Policy/write-ups & narratives/justification
- Infrastructure phasing plan
- Implementation plan
- Photos, illustrations, & graphics

7. Implementation: Roles and Responsibilities

Volcano Heights will require broad coordination and robust financing mechanisms for infrastructure – all led by property owner efforts.

- Property Owners:
 - Coordination & consensus
 - Infrastructure costs
 - Development costs
 - TIDD, SAD, or PID application & coordination
- City
 - Sector Development Plan
 - Land use / zoning
 - Design requirements
 - Streamlined review
 - Economic Development
 - Coordination among jurisdictions
 - Recruitment
 - DMD
 - Infrastructure coordination
- State, County, MRCOG
 - Transportation coordination
 - Infrastructure assistance?

7. Implementation:

Discussion with Development Experts

Panel Discussion?

- **Developers**
- Master planners
- **Financers**
- Commercial Real Estate Development Association (NAIOP)
- **Economic development**
- November 2011?

WORKING DRAFT

8. Revised Project Schedule

- September 23: Written comments due
- October 6: EPC Hearing
 - 60-day deferral to December 1
- Week of October 17: Draft & Public Meeting
- October 18-November 10: Review & comments
 - City Departments
 - Stakeholders
- November: Development Experts Panel
 - **December 1: EPC Hearing**
 - Withdrawal of July 2010 Draft
 - Submittal of December 2011 Draft

End of VHSDP Presentation