2301 7th Avenue Design Recommendation DRB – Date: January 19, 2016 DPD or Project Number: 3019371

CLISE PROPERTIES, INC.







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Project Information

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- **r** 3019371
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- t Graphite Design Group 1809 7th Avenue Suite 700 Seattle, WA 98101 Contact: Michael Medina 206.224.3335 michael.medina@graphitedesigngroup.com www.graphitedesigngroup.com
- y This applicant proposes to build a 39-story structure with 979,456 square feet of total above-grade construction, including approximately 174,233 SF of Office use, 10,470 SF of Retail use, and approximately 638 Residential Units. Approximately 747 cars will be parked split between 6 levels of below grade parking and 4 levels of above grade parking. Primary pedestrian entries for the project will be along Bell Street and Battery Street for Residential use and along 7th Avenue for Office use. Automobile entries will be from the alley bordering Bell Street and Battery Street. Four loading berths and trash and recyling facilities will also be accessible from the alley.





Urban Context Aerial Photograph



















- A. Antioch University
 B. Elephant Car Wash
 C. Best Western Hotel
 D. School of Visual Concepts
 E. 7th Avenue Residence Hall
 F. Denny Building
- G. Denny Building Parking Garage





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Urban Context Adjacent Buildings

- H. 6th and Bell Data Center (Proposed)
- I. Blanchard Plaza
- J. Hotel 5- Seattle
- K. Wexley School for Girls
- L. Insignia Towers
- M. City University
- N. Amazon Block 21

8TH AVENUE

5TH AVENUE





Urban Context Analysis

2301 7th Avenue has surrounding development either under review, in MUP process, or under construction.





Urban Context: Street Classification

Denny Triangle:

The site is convenient for multiple modes of public transportation and is easily accessed by autos, cyclists, and pedestrians. Metro bus service is provided on Denny Ave, Dexter Ave and 7th Avenue. Seventh Avenue which the site fronts on, is the main access and egress thoroughfare for bicycle traffice, with numerious cross street bike lanes.







Urban Context: Zoning





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Block V | Design Recommendation | Date: January 19, 2016 | DPD Project #3019371

Urban Context: Seattle Section

Option 1 – 'The Cubist' A two tower composition comprised of Three nearly identical cubed forms stacked vertically on a podium of approximately 125 ft. Each segment is broken into four interwoven facades separated by a vertical reveal. Some of the facades are angled to reflect the grid shift and to maximize view opportunities.

Option 2 – 'The Angle' A two tower composition comprised of two nearly identical building footprints that are angled 45 degrees to 7th Avenue. As a result the longer axis of each building runs N-S or E-W and aligns to the 'cardinal' grid plan of SLU. The podium parallels the Denny Triangle grid at -49 degrees to the compass. Unlike option 1, the tower and podium tend to weave together creating interesting resultant geometries.

Option 3– 'The Grid' A two tower non-symmetrical composition with the intent to have the towers look past each other more than the other options. This option integrates elements of the previous options with angles and vertical breaks. The podium takes on the angled vernacular and steps three times to provide a scale transition from the park to the larger podium and secondary buildings of the emerging Denny Triangle Structure.



EDG Design Options







Urban Context View Analysis



ZONING ANALYSIS: 7TH AND BELL

SITE ADDRESS: 2301 7TH AVENUE SEATTLE WA 98121 Zone DMC 240/ 290-400 Denny Triangle Urban Center Village

23.49.042 Permitted Uses

Standard

All uses are permitted outright except those prohibited by SMC 23.49.046, and parking, which shall be regulated by 23.49.045.

23.49.008 Structure Height

Standard

Nonresidential Height Maximum: 240' Base, 400' Maximum

• Maximum residential height achievable through bonuses available in section 23.49.015

Structure may exceed the maximum height limit by 10% of the limit if:

- The facades of the portion of the structure above the limit do not enclose an area greater than 9,000 SF.
- The enclosed space is occupied only by those features otherwise permitted in this Section as an exception above the height limit. This shall not be combined with any other height exception to gain additional height.
- Rooftop Features allowed above height limit:
- Railings, planters, skylights, clerestories, greenhouses and parapets may extend up to 4' above height limit.
- Solar collectors may extend up to 7' above height limit.
- Mechanical equipment, stair penthouses, etc... may extend up to 15' above the height limit.

Rooftop features may cover up to a combined coverage limit of 55%.

Elevator penthouses may extend up to 23' above the height limit (8' cab) or 24' above the limit (9' cab) plus an additional 10' if elevator provides access to usable rooftop open space.

The amount of rooftop area enclosed by screening may exceed to maximum percentage of the combined coverage of all rooftop features.

Some rooftop features may extend up to 50' above the maximum height through administrative conditional use per 23.49.008-D-4

23.49.009 Street-level Use Requirements

Standard

None required

23.49.010 General Requirements for Residential Uses Standard

Common recreation area is required for all new development containing more than 20 dwelling units. It must meet the following criteria:

- An area equivalent to 5% of the total GFA in residential use.
- Available to all residents and be at or above ground level.
- A maximum of 50% of the area may be enclosed.
- Minimum horizontal dimension of 15' and minimum size of 225 SF.
- If provided as open space at street level it shall be counted as twice the actual area.

In mixed use projects a bonused public open space may be permitted to satisfy a portion of the common recreation area requirement per approval of the Director.

23.49.011 Floor Area Ratio Standard

Base FAR: 5

Maximum FAR: 7

Additional chargeable floor area above the base FAR may be obtained as outlined in section 23.49.011 and may include generally the following:

- Amenity Bonuses
- Transfer Development Rights
- Rural Development Credit
- Housing and Child Care
- A minimum of 5% of floor area above base FAR must be obtained through Landmark TDRs to the extent they are available.
- FAR gained through housing and child care bonuses (23.49.012) together with housing (23.49.015) and landmark TDRs shall equal 75% of the area by which the total chargeable area permitted on the lot exceeds the base FAR.
- At least ½ of the balance of the 25% shall be gained from a sending lot with a major performing arts center if available.
- The balance of the 25% shall be gained through bonus floor area for amenities (23.49.013)
- Applicant may gain additional floor area above the first increment of FAR above the base FAR through a use of MDC housing TDR, or any combination of DMC housing TDR with floor area gained through other TDR and bonuses as described above.
- If bonus development sought is less than 5,000 SF the Director may permit all bonused area to be achieved through housing and child care.

Areas Exempt from FAR:

- Street level use (retail) that has a minimum floor-floor of 13', horizontal depth of 15', and overhead weather protection is provided.
- Child Care
- Human Services
- · Residential use and live-work units
- Museums and museum expansion spaces
- Performing art theaters
- Floor area below grade
- Public rest rooms
- Shower facilities for bicycle commuters
- Certain area in Landmark structures
- An allowance of 3.5% of GFA for mechanical equipment after all other deductions have been taken

Rooftop mechanical equipment, whither enclosed or not, shall be counted as part of the GFA of the structure except for those structures existing prior to June 1, 1989 or replacement mechanical equipment.

23.49.012 Bonus Floor Area for Voluntary Agreements for Housing and Child Care Standard

Not Applicable (no bonus sought)

23.49.013 Bonus Floor Area for Amenities Standard

Not Applicable (no bonus sought)

23.49.014 Transfer of Development Rights Standard

Not Applicable (no bonus sought)

Standard

Not Applicable (no bonus sought)

23.49.016 Open Space Standard

On-site public open space

Off-site public open space

Payment in lieu

23.49.017 Open Space TDR Site Eligibility Standard

Basic criteria to gualify as a sending TDR lot:

- 30.000 SF
- Accessible to the public

23.49.018 Overhead weather protection and lighting Standard

Exceptions:

• If set back farther than 5; from property line

- Driveways and loading docks

Dimensions:

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Zoning & Code Analysis

23.49.015 Bonus Floor Area for ... Low- and Moderate Income Housing

Private Open Space – Office Use Requirements: • 20 SF for every 1000 GSF of Office Use • Only applies to office use greater than 85,000 GSF: Office use less than 8,000 GSF is exempt. • Must be open to the sky, meet landscaping standards and be accessible to all tenants.

• Available for amenity feature bonus per section 23.49.013

• Available for amenity feature bonus per section 23.49.013 • Must be in a downtown zone within ¹/₄ mile of the project site.

Must be open to the public without charge.

• Minimum of 5,000 SF of contiguous area.

• Payment in lieu of open space development is permitted if the Director determines that such payment will contribute to the improvement of a green street or there is public open space abutting the lot or in the vicinity.

Contiguous open space with a minimum area of 15,000 SF

A network of adjacent open space physically and visually connected with a minimum area of

• Not more than 20% of the lot area occupied by above grade structures • Other landscape and accessibility criteria apply.

Continuous weather protection is required along entire street frontage

Abuts a bonused open space or amenity feature

• If separated from the street property line by a landscaped area at least 2' in width

• Minimum 8' from building wall of within 2' of curb line, whichever is less • Lower edge minimum height of 10' and a maximum of 15' Pedestrian lighting to be provided

23.49.019 Parking quantity, location and access requirements, and screening and landscaping of surface parking areas Standard

No parking, either long-term or short-term, is required on lots in Downtown zones

- On Blanchard Street and Bell Street (green street), parking is permitted at street level only if separated from the street by other uses
- On 8th Avenue (class II pedestrian street), parking is permitted at street level if it meets the standards of 23.49.019B, including:
 - At least 30% of the street frontage (excluding garage doors) is separated from the street by other uses;
 - The façade of the separating uses meets the transparency and blank wall standards for class I ped. Streets;
 - The portion of parking not separated by other uses is screened, and;
 - The street façade is enhanced by detailing, artwork, landscaping, etc...
- Parking not at street level within structures must be located below street level or separated from street level by other uses
- Up to four levels of above grade parking may be permitted if it meets the standards of 23.49.019B

Maximum parking limit for nonresidential uses

- Parking for nonresidential uses is limited to one parking space per every 1,000 square feet of gross floor area in nonresidential use.
- 400' Residential Development • Parking for nonresidential uses may be permitted to exceed the maximum standard as a special exception as granted by the Director.
- Access to parking and loading shall be from the alley when the lot abuts an improve

Bicycle Parking (Minimums):

- Office 1 space per 5,000 SF Hotel: .05 spaces per hotel room
- Retail use over 10,000 SF: 1 space per 10,000 SF • Residential: 1 space for every 2 dwelling units

After the first 50 spaces are provided additional spaces are required at 1/2 the ratio noted

Structures containing more than 250,000 SF of office space shall include shower facilities

Off-Street loading spaces hall be provided per 23.54.030

23.49.022 Minimum sidewalk and alley width

Standard

Minimum sidewalk width on Battery Street, Bell Street and 7th Avenue: 12'.

Minimum alley width: 20', achievable through setback or dedication if required.

23.49.032 Additions of chargeable floor area to lots with existing structures. Standard

Not applicable. Only applies to projects where existing structures to be retained are in ex the applicable base FAR.

23.49.035 Modified or discontinued public benefit feature Standard

All public benefit features except housing and landmark performing arts theaters shall remain for the life of the structure that includes the additional GFA unless otherwise specified in this section. A public benefit feature may be diminished of discontinued only if:

- It is not housing or child care
- Additional GFA permitted in return for the feature is removed or converted to a use that is not counted as chargeable floor area
- An amount of chargeable floor area equal to that obtained by the feature to be replaced is provided pursuant to provisions for granting floor area above the base FAR in chapter

Modifications of amenity features that do not result in the diminishment or discontinuation of the feature may be permitted by the Director provided it meets the condition of the Downtown Amenity Standards.

23.49.045 Parking Standard

Principal use parking garages for short-term parking may be permitted as conditional use.

In DMC zones, principal use long-term and short-term surface parking may be permitted as administrative conditional use.

Accessory parking garages for both long-term and short-term parking are permitted outright up to the maximum parking limit established by 23.49.019

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cess of		21'	P1	1			P1		Retail & Office parking	38,000 sf	102 st	talls						
			P2				P2		Office parking	38,000 sf	102 st	talls						
		#####	P3				P3		Office/Residential pkg	38,000 sf	102 st	talls						
			P4				P4		Residential parking	38,000 sf	118 st	talls						
			P5				P5		Residential parking	38,000 sf	118 st	talls						
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Zoning & Code Analysis

Area Summary		
Site Area	38,880	ft ²
Base FAR	5.0	
FAR with Bonuses	7.0	
Base Chargable FAR	194,400.0	ft ²
Maximum Bonus FAR	272,160.0	ft ²
Maximum Chargable FAR		466,560
Required Amenity Spaces		
Total Area in Residential Use	694,414	ft ²
Required 5% Amenity Area	34,721	ft ²
Minimum Exterior Space 2.5%	17,360	ft ²

Chargable Areas	
Chargable Office Area	175,173 ft ²
Chargable Rooftop Mechanical	2,000 ft ²
Chargable Loading/Service	3,000 ft ²
Sub-total Chargable Area	180,173 ft ²
3.5% Mechanical Deduction (FAR Exempt)	(6,306) ft ²
Total chargable above-grade area	173,867 ft ²
Total FAR	4.5

Non-Chargable Areas		
Non-Chargable Residential	705,916	ft ²
Non-Chargable Rooftop Mechanical	4,809	ft ²
Non-Chargable Loading/Service	3,318	ft ²
Non-Chargable Retail	10,470	ft ²
Non-Chargable Parking	83,088	ft ²
Total non-chargable above-grade area	807,601	ft ²
Bonus Residential Area (above 290')	216,990	ft ²
Total Above Grade Construction Area	981,468	ft ²
	-	
Typical Unit Size (Gross - 1BR)	850	ft ²
Easting at a d Halt Count	638	units
Estimated Unit Count	666	
Estimated Parking Area	309,624	ft ²
Estimated Onr Count Estimated Parking Area Estimated Parking Spaces	309,624 747	ft ² stalls
Estimated Onit Count Estimated Parking Area Estimated Parking Spaces Efficiency	309,624 747 414	ft ² stalls sq. ft / stall



23.49.056 Street facade, landscaping and street setback requirements Standard

Minimum façade heights:

- 7th Avenue (class II pedestrian street): 15'
- Battery Street (class II pedestrian street): 15'
- Bell Street (green streets): 25'

Setbacks

- The maximum setback of the facade from the street lot lines at intersections is 10 feet. The minimum distance the facade must conform to this limit is 20 feet along each street.
- · Any exterior public open space that meets the Downtown Amenity Standards, whether it receives a bonus or not, and any outdoor common recreation area required for residential uses, is not considered part of a setback.
- If a sidewalk is widened into the lot as a condition to development, setback standards shall be measured to the line established by the new sidewalk width rather than the street lot line.

Transparency and blank façade requirements;

- Transparency requirements do not apply to portions of structures in residential use.
- Along 7th Avenue and Battery Street (class II pedestrian streets) 40% of street façade to be transparent between 2' and 8' above sidewalk level.
- Along Bell Street (green street) 60% of street façade to be transparent between 2' and 8' above sidewalk level.
- Blank façade requirements do not apply to portions of structures in residential use.
- On 7th Avenue and Battery Street blank facades limited to segments 30' except garaged doors which may be wider than 30'.
- On 7th Avenue and Battery Street the total of all blank façade segments shall not exceed 70% of the street façade.
- On Bell Street blank facades limited to segments 15' except for garage doors which may be wider than 30'.
- On Bell Street the total of all blank façade segments shall not exceed 40% of the street facade.
- Blank façade sections shall be separated by transparent area at least 2' wide

Street trees are required on all streets.

Landscaping in the Denny Triangle Urban Village

- All areas abutting a street lot line that are not covered by a structure, have a depth of 10 feet or more, and are larger than 300 SF shall be landscaped.
- · Setbacks required to meet minimum sidewalk widths shall be exempt from landscape requirements.

23.49.058 Upper-Level Development Standards

Standard

"Tower" Definition

 Any structure where a portion is above a height of 85 feet in a structure that has any nonresidential use above 65 feet or does not have residential use above a height of 160 feet

Façade modulation and upper-level width limits apply to:

- Structures 160' in height or less in which any story above 85' exceeds 15,000 SF
- Portions of structures in non-residential use above a height of 160' in which any story above

23.49.058B Façade modulation (non-residential)

- Required of street facing facades within 15' of street above 85'.
- Maximum façade length without modulation within 15' of street lot line:
 - 155' façade length from elevation 86 to 160 feet.
 - 125' façade length from elevation 161 to 240 feet.

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- 100' facade length from elevation 241 to 500 feet.
- 80 facade length for elevations above 500 feet.
- Modulation defined as at least 15' deep step back from façade at least 60' long.

Tower floor area limitations (DMC)

- Applies only to portions of structures with residential use above 160'.
- Average residential GFA per story of a tower if height does not exceed base height limit for residential use: 10,000 SF
- Average residential GFA per story of a tower when height exceeds base height limit for residential use: 10,700 SF

- Maximum residential floor area of any story in a tower: 11,500 SF

• In DMC zones the maximum façade width for portions of a building above 85' along the general north/south axis of a site (parallel to the Avenues) is 120' or 80% of the width of the lot measured on the Avenue, whichever is less.

Tower Separation

• On DMC sites zoned with a maximum height limit of more than 160' located in the Denny Triangle Urban Village, if any part of a tower exceeds 160' then all portions of the tower that are above 125' must be separated by a minimum of 60; from any portion of any other existing tower above 125' in height. From a structure allowed pursuant to the Land Use Code in effect prior to the effective date of March 20th 2006 Ordinance 122054.

Upper level setbacks

• When a lot in a DMC Zone is located on a designated greet street, a continuous upper-level setback of 15' shall be provided on the street frontage abutting the green street at a height of 45 feet.



Zoning & Code Analysis



DMC 240/290-400

NEIGHBORHOOD LEGEND ZONING CODE LEGEND

DMC Downtown Mixed Commercial South Lake Union DOC2 Downtown Office Core 2 Denny Triangle Center DMR/C Downtown Mixed Residential/Commercial





Site Plan

Summary of EDG Recommendations April 7, 2015

1. Tower and Massing (A2, A2.1, B2, B4.1, B4.3, C2.1)

-Provide a design that combines the towers of Option 1 and the asymetry of Option 2 in the way the towers meet the podium
-Provide a design with one of the towers eroding the podium and reaching the base.
-Encouraged a design with panelized modules, as it would allow for an interesting design with different materials. Use reveals between modules to bring the tower down to the base
-Consider the capping of the towers as shown in Option 1

2. Podium Design (A2.1, B4.1, C3.1, D1.3, E2.1)

-Provide a design with one of the towers eroding the podium to break up its massing as shown in Option 2 -Provide a design with the stepping down of the open space on the podium top as shown in Option 3 -Study the facade treatment of the retail space and above parking levels. Consider using the retail facade treatment at the parking levels.

3. Streetscape (B3.3, C1, C1.3, D1.2, D3.1, D6.1)

-Along Bell Street, push back or cant the podium facade at grade and above to be similar in spirit to what was proposed in Option 3 -Activate the retail space along Battery Street with the design of the street

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Rendering Aerial North







Rendering 7th & Bell Street





Rendering Aerial South





Rendering 7th Ave & Battery Street









Pinwheel Tower Concept

The pinwheel tower concept gives each tower cube the same identity and collectively spins on a central axis per each cube. To accent the verticallity of towers and tower facade treatment, the pinwheel concept breaks the building into separate cubes and gives the horizontal expression a motion rather than applique.

Providing an idea of motion will express the towers playfully on the city skyline. The strong concept of motion is present in the facade design of the towers which accentuate the pinwheel motion upward.







Tower Skin Motion Diagram

The tower skin emphasizes the motion of pinwheeling cubes. Allowing light to emphasize the idea of motion accentuates the liveliness of the design. The tower design utilizes a simple concept of angling one rectangular face outward as to create a unique visual identification of the pinwheel motion. In doing so in plan, we can do so with the skin elements and introduce a slight angle as to play on the light to create motion, and acknowledge the protrusion one cube's face makes in plan.

The angle is present at every level of the design. Angled faces at retail, an angular DNA presence at the parking podium and office skin, and angular presence in the tower cube design. It's intruduction to the tower skin will emphasize itself as a vertical identifier and provide a feeling of horizontal motion. Emphasizing the vertical lines through a panel element brings forth the pinwheel skin and provides a visual break up of each cube's face.



Angles:



Tower Skin Angle



Parking Skin Angle



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GRAPHITE

6

202'-0"

+152'-4" T.O.S. AS RESIDENTIAL PARKING

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68'-0"

387

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9 16%







Tower Plan Tilt Diagram:



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19-1



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Typical Floor Plans

Retail
Lobby
Office
Residentia
Hotel
Parking
MEP/BOH

1. Tower and Massing (A2, A2.1, B2, B4.1, B4.3, C2.1)

-Provide a design that combines the towers of Option 1 and the asymetry of Option 2 in the way the towers meet the podium
-Provide a design with one of the towers eroding the podium and reaching the base.
-Encouraged a design with panelized modules, as it would allow for an interesting design with different materials. Use reveals between modules to bring the tower down to the base
-Consider the capping of the towers as shown in Option 1

2. Podium Design (A2.1, B4.1, C3.1, D1.3, E2.1)

-Provide a design with one of the towers eroding the podium to break up its massing as shown in Option 2
-Provide a design with the stepping down of the open space on the podium top as shown in Option 3
-Study the facade treatment of the retail space and above parking levels. Consider using the retail facade treatment at the parking levels.

3. Streetscape (B3.3, C1, C1.3, D1.2, D3.1, D6.1)

-Along Bell Street, push back or cant the podium facade at grade and above to be similar in spirit to what was proposed in Option 3 -Activate the retail space along Battery Street with the design of the street

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EDG Guidance





Tower & Massing

Combine option 1 and 2 to bring an asymetrical design with the towers of Option 1.

Previous option 1 featured a pinwheel spin effect of cubist shapes. Option 2 featured an asymetrical placement, having the towers sit differently on the podium plate. The new proposed option combines the asymetrical tower placement and the pinwheel rotating cube effect of the previous options to bring a new design that is focused on the idea of a twist motion.



Belltown Residential Experience

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Tower & Massing

Provide design with one tower eroding podium and reaching the base.

The design evolved to include vertical residential treatment at the office podium level. The erosion of the podium allows for the project to take shape and identify it's different parts, pieces, and uses. The program lays out for a pedestrian level, Belltown street vibe at the second through 6th level. Rather than take the entire residential high rise facade to the ground level, the expression of inclusive neighborhood look and feel provides a unique behavior that acknowledges the surrounding presence without being intrusive. The recognition of the pedestrian presence allowed the design to evolve into a series of parts and pieces, none of which touch the ground, but rather, float above the retail plane of the street.

It is necessary for the design to lift these expressions and carefully choose which portions of the project can blend other visual identifiers. The office can have a mixture of sculpted clean glass with the book-end treatment similar to the residential tower. However, blending the visual uses further breaks away from the typical residential treatment and scale of Belltown / Denny Triangle. The inclusion of this facade treatment will help give the pedestrian a familiar scale treatment for such a vertical project.





Typical Residential Floor:



Typical Office Floor: **Residential Floor Residential Floor** 341'-10" 10 (1) Office Floor 1 \leftarrow 0 4 8 16

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Tower & Massing

Encouraged a design with panelized modules, as it would allow for a very interesting design with differing materials. Use the reveals between the modules to bring the tower down to the base.



The tower concept utilizes modulation to break up each tower face, creating the pinwheel effect. Further, the podium uses the requested departure to separate the tower language being taken to the residential base level. Should the departure be satisfactory, the concept of cube break up along the office podium will pair itself with the modulation of the pinwheeling towers to bring a cohesive design principle throughout the project.



EDG Option 1:

Response:





Tower Massing

Consider capping towers as shown in Option 1.

The playful nature of the tower caps in the previous EDG option 1 have been expressed in the new design. They will utilize the ability to give the project a unique cap to the masses and breaks up the top cube in the pinwheel concept. Space will be utilized as amenity for the residential towers and the tower skin will sheild the mechanical units atop the roof.

A-2	Enhance the Skyline: -Tower plays on the idea of pinwheel motion creating a unique design concept -Facade utilizes subtle angle language to play with natural lighting effect	
A-2.1	Desired Architectural Treatments: -Podium and towers are sculpted forms utilizing facade modulation -Materials play on overall pinwheel concept and utilize natural lighting effects to give a pinwheel motion -Lantern tower cap enhances the cubist pinwheel effect and appropriately shield mechanical elements	
B-2	Create Transition in Bulk and Scale: -The larger moves are broken up in a way to enhance the project's character & shape -Subtle, smaller moves enhance the facade at the pedestrian level and enhance the motion concept	
B-4.1	Massing: -Project massing and design has emphasized the required city compliance measures	
B-4.3	Architecturel Details: -Tower facade materials and design concept play on natural lighting effect -Exterior finish materials emphasize the pinwheel cube concept and also bring a variety of material finishes to the design	
C-2.1	Modulation of Facades: -Podium and towers each use facade modulation to emphasize each respective massing concept	

GRAPHITE



Tower & Massing Summary

1. Tower and Massing (A2, A2.1, B2, B4.1, B4.3, C2.1)

-Provide a design that combines the towers of Option 1 and the asymetry of Option 2 in the way the towers meet the podium -Provide a design with one of the towers eroding the podium and reaching the base.

-Encouraged a design with panelized modules, as it would allow for an interesting design with different materials. Use reveals between modules to bring the tower down to the base

-Consider the capping of the towers as shown in Option 1

2. Podium Design (A2.1, B4.1, C3.1, D1.3, E2.1)

-Provide a design with one of the towers eroding the podium to break up its massing as shown in Option 2 -Provide a design with the stepping down of the open space on the podium top as shown in Option 3 -Study the facade treatment of the retail space and above parking levels. Consider using the retail facade treatment at the parking levels.

3. Streetscape (B3.3, C1, C1.3, D1.2, D3.1, D6.1)

-Along Bell Street, push back or cant the podium facade at grade and above to be similar in spirit to what was proposed in Option 3 -Activate the retail space along Battery Street with the design of the street

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EDG Guidance



Podium Design

Provide a design with one of the towers eroding the podium to break up its massing as shown in EDG Option 2.

The design utilizes a masking of the podium's programatic uses through different design techniques. In order to bring the residential tower down, the tower's skin will wrap a wing of the office space. To help unify the design, the podium skin for the parking component will be similar to the office skin above. The retail and residential zones will utilize a neighborhood character and familiarity to engage the pedestrian scale to break up the projects clean material and geometry.



Podium Modulation

To achieve a maximized and utilized office layout, and considering the constraints of an unusually thin site, the proposed facade modulation is requested.

The office core with the code required 15' x 60' modulation will deem a large area of office space unusable (thin enough for a hallway only). If the depth is reduced, the leasable area is more desirable and usable. Rather than elongating the modulation, we propose separating the area requirement across the facade. This will break up the mass and achieve the code desired area and concept regarding modulated facades.

In addition to the facade modulation area break up, the area will be carried below the minimum height of 85' and provide a better break up of the podium at a lower datum.



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Podium Design

Podium / open space stepping down at top.

The proposed step of the previous design options did not include a dedicated office core. Once this was added the step was no longer feasable considering the depth of the office space. The flexibility of leasing does not allow for a usable space along 7th Avenue. Also, considering the step occurs at the 10th floor of the project, the chances of it being visible at the pedestrian level are minimal. Instead, we propose that the podium's character is satisfactory to bring a vertical unique break up that is similar in principle to the previous podium step.

Leasing depths not including corridor would reduce to 23'-0" under code compliance, where as leasing depths would be 30'-0" not including corridor under proposed departure.







Podium Design

Study the facade treatment of the retail space and above grade parking levels. Consider using the retail facade treatment at the parking levels.

The podium design along 7th avenue will emphasize the character from above, the character of the neighborhood, and create movement in plan to accent the adjacent streets. Since the site has access to green streets, the emphasis on 7th Avenue is not only to introduce the project as you enter the city, but to express the gestures towards Bell Street and Battery

At the retail base of the podium, the mass carves back and under the podium giving it a floating feel. This will lift the uses visually off the street and engage the pedestrian with the skin of the podium's design.

The residential components occurring within the podium will bring the Belltown neighborhood character as a unique engaged accent for the podium. This will keep the pedestrian experience similar to smaller scale Belltown projects while acknowledging the project area above.







Podium Design

The podium will slide down and sit between the grounded tower and the residential base cubes. The idea that these ice cubes will trickle down and reach the base is emphasized with this design. The cubes break apart, pull apart, and sit individually as the building blocks of the project above. These blocks are sandwiched between a condition typical to the surrounding neighborhood which gives the design a unique playfullness and neighborhood familiarity.

The complexity of Block V, from it's mass to the uses within the building, can be strongly emphasized at the pedestrian scale, and subtlely defined above. A juxtaposition between typical and new.







Consider panelized modules, different materials and reveals to bring tower to base.

The podium utilizes our proposed departure to break the office facade into different components. One modulation separates the tower from the office facade, and the others break the large glass "ice cubes" into 3 different blocks. Further disecting the office facade with creative slits will help break up the large mass with a subtle approach.

As the facade treatment is carried below to the parking levels, a similar but different facade component is introduced. The idea of the facade slightly opening to allow air flow will help the space behind and utilize a unique texture to break the podium up further.

The book-ends of the residential components will emphasize similar character of Belltown and bring the large project to the pedestrian scale. These blocks will break away from the consistent language to give the towers and podium a strong residential base, similar to the scale of the neighborhood.



Angles:



Tower Floor Plan Tilt



Skin Angle

Tower Skin Angle



Parking Skin Angle

A-2.1	Desired Architectural Treatments: -Podium utilizes similar angular language to pull the entire concept to the ground level -Materials and angles enhance the angular language and create an interesting facade -The roof top space of the podium serves as an amenity deck for all uses.		111
B-4.1	Massing: -Project massing and design has emphasized the required city compliance measures	. 🗸	/
C-3.1	Desirable Facade Elements: -Ground level is pushed inward to enhance the vertical break up of the facade and to create interest for the retail level -Podium elements are divided among their use through different facade treatments creating a true mix-use building visually		//
E-2.1	Integrate Parking Facilities: -Parking is shielded entirely on Bell Street and Battery Street, & exceeds the 30% requirement along 7th Avenue -Facade treatment along the parking is a unique and interesting facade that carries through with the rest of the podium design		/

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Podium Design Summary

1. Tower and Massing (A2, A2.1, B2, B4.1, B4.3, C2.1)

-Provide a design that combines the towers of Option 1 and the asymetry of Option 2 in the way the towers meet the podium
-Provide a design with one of the towers eroding the podium and reaching the base.
-Encouraged a design with panelized modules, as it would allow for an interesting design with different materials. Use reveals between modules to bring the tower down to the base
-Consider the capping of the towers as shown in Option 1

2. Podium Design (A2.1, B4.1, C3.1, D1.3, E2.1)

-Provide a design with one of the towers eroding the podium to break up its massing as shown in Option 2
-Provide a design with the stepping down of the open space on the podium top as shown in Option 3
-Study the facade treatment of the retail space and above parking levels. Consider using the retail facade treatment at the parking levels.

3. Streetscape (B3.3, C1, C1.3, D1.2, D3.1, D6.1)

-Along Bell Street, push back or cant the podium facade at grade and above to be similar in spirit to what was proposed in Option 3 -Activate the retail space along Battery Street with the design of the street

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EDG Guidance

Bell Street Corner

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Battery Street Corner

Streetscape

Push back or cant podium facade at grade along Bell Street similar to Option 3.

The facade along Bell Street directs the pedestrian with a playful angle opening up to 7th Avenue. The presence of angles within the project's design give an opportunity for a gentle plan accent as the street retail tucks under the podium and project above.

To make the concept stronger, and to emphasize the pinwheel design effect, an angular plan design was introduced on the 7th Avenue and Battery Street corner. Rather than tilt the plan down Battery Street, the angle largely occurs on 7th Avenue. This will emphasize the idea of an angle pinwheeling in plan, and will give an asymetrical concept to the retail base.

In plan, the emphasis is to engage not only the streets, but the corner as well. Engaging both corners allows these Green Streets to connect to one another and complete the treatment on all 3 major facades.





Tower Floor Plan Tilt



Skin Angle



Tower Skin Angle



Parking Skin Angle













Block V | Design Recommendation | Date: January 19, 2016 | DPD Project #3019371









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Site Section

7th Avenue



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Streetscape











B-3.3	Pedestrian Amenities at the Ground Level: Ground level retail is tucked under the podium to break up verticality.	
	-Corners at Bell Street and Battery Street champher to open up towards 7th Avenue	·····
	-Provide protected bike lane and green street amenities along 7th Avenue to enhance the experience on Block V	
C 1		
C-1	Promote Pedestrian Interaction:	
	-The street level retail & restaurant spill out will be a welcoming feature on all three sides of Block V	····· V,
	-Canting the facades along the city green streets will welcome the interaction along Bell Street and Battery Street	
C 1 2	Street Lovel Articulation for Padactrian Activity:	
C-1.5	-The street level set back engages the public within Block V. Providing sheild from the elements and opening up to the pedestrian streets	
	-There are multiple building entries for the multiple uses. Office entry on 7th Avenue and residential entry on Bell Street and Battery Street	
	-More than the code requirement for transparent facade is provided enhancing retail & restaurant uses	
	-The mix of materials at the street level along the entries will enhance the importance and detail along the pedestrian level.	······ V
D-1.2	Open Space Features:	/
	-Bell Street Park adjacent to the project is enhanced through a canted facade turning toward 7th Avenue	
	-Pedestrian scaled lighting will create interest and keep the pedestrian safe through project interaction	
	-Through different design elements such as landscaping and paving patterns, the project will create interest through the design at the street level	
		•••••
D-3.1	Public Space Features and Amenities:	1
	-Enhanced tree planting created along 7th Avenue projected bike lane median	······ V
D-6.1	Safety in Design Features:	/
0	-Site lighting provided for safety and design purposes	
	-Building entries clearly defined through material and massing	V/
	-Transparent facade exceeds code requirement	



Streetscape Summary





Landscape Plan Ground Level





Landscape Sections



Retail











Landscape Sections













Autumn Fern Dryopteris erythrosora



Bunchberry dogwood Cornus canadensis





Black Tupelo *Nyssa sylvatica*

Bell Street













Atlas Fescue *Festuca mairei*





Plants



Wild Swan Anemone Anemone 'Wild Swan'



Mexican Feather Grass Stipa tenuissima



Camas *Camassia quamash*



7th Avenue Streetscape





Cycle Track



Seating Elements



Bell Street Paving Bell Street Streetscape



Seating Elements



Pedestrian-Scale Lighting





Landscape Materials









Chilean Hard-Fern Blechnum chilense



Dwarf Boxleaf Barberry Berberis buxifolia 'Nana'



Battery Street

Cotton Lavender Santolina virens 'Lemon Fizz'

Roof Decks



Lavender *Lavender angustifolia*

Sea Thrift *Ameria Maritma*



Mexican Feather Grass Stipa tenuissima

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Plants



Barren Strawberry Waldsteinia fragarioides



California Grey Rush Juncus patens









Cafe Seating

Sidewalk Paving
Battery Street

Accent Paving





Pedestal Pavers
Roof Decks

Movable Furnishings





Landscape Materials





Raised Planters

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CLEAR GLAZING	9	PAINTED METAL PANEL SYSTEM
	10	PAINTED METAL COLUMN COVERS
	1	COILING OVERHEAD DOOR
	12	GROUND FACE CMU
	B	SITE-CAST CONCRETE
	14	STAINLESS METAL PANEL
	15	TERRA COTTA SYSTEM
	16	GRAY STONE



USE PROPERTIES.

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CLEAR GLAZING	9	PAINTED METAL PANEL SYSTEM
	10	PAINTED METAL COLUMN COVERS
	1	COILING OVERHEAD DOOR
	12	GROUND FACE CMU
	B	SITE-CAST CONCRETE
	14	STAINLESS METAL PANEL
	15	TERRA COTTA SYSTEM
	16	GRAY STONE

CLEAR GLAZING	9	PAINTED METAL PANEL SYSTEM
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	1	COILING OVERHEAD DOOR
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	14	STAINLESS METAL PANEL
	15	TERRA COTTA SYSTEM
	16	GRAY STONE

Block V Design Recommendation Date: January 19, 2016 DPD Project #3019371

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Material Board

9	PAINTED METAL PANEL SYSTEM
0	PAINTED METAL COLUMN COVERS
1	COILING OVERHEAD DOOR
2	GROUND FACE CMU
3	SITE-CAST CONCRETE
4	STAINLESS METAL PANEL
5	TERRA COTTA SYSTEM
6	GRAY STONE

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Block V | Design Recommendation | Date: January 19, 2016 | DPD Project #3019371

Materials

CLEAR GLAZING	9	PAINTED METAL PANEL SYSTEM
	10	PAINTED METAL COLUMN COVERS
	1	COILING OVERHEAD DOOR
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	B	SITE-CAST CONCRETE
	14	STAINLESS METAL PANEL
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Materials

CLEAR GLAZING	9	PAINTED METAL PANEL SYSTEM
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	1	COILING OVERHEAD DOOR
	12	GROUND FACE CMU
	B	SITE-CAST CONCRETE
	14	STAINLESS METAL PANEL
	15	TERRA COTTA SYSTEM
	16	GRAY STONE

Building Sections

Building Sections

Block V Design Recommendation Date: January 19, 2016 DPD Project #3019371

Lighting Plan

Block V Design Recommendation Date: January 19, 2016 DPD Project #3019371

Lighting Design

Site lighting focus will be on standard illumination along the three major avenues and streets. For featured plaza corners at Bell Street and Battery Street along 7th Avenue, specialized ground illumination and seating fixture illumination will highlight the importance and ensure safety. Standard uplighting will be utilized for the trees and retail lighting will mix for the illuminating glow along the major avenues of traffic.

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Signage Plan

Signage locations will identify and separate the residential lobbies, the office lobby, and retail presence. Parking signage will be mounted to the facade visible for the traffice along Bell Street and Battery Street. Signage presence will occur on all three major sides of the project along Bell Street, Battery Street, and 7th Avenue.

Office signage will be identified by address mounted to three sides of the lobby canopy making it visible and idenfied along 7th Avenue by vehicle access or by walking along the pedestrian path. Residential signage will be project identity plus address mounted to the stone facade elements making them most idenfified at the pedestrian scale along Bell Street and Battery Stree. Retail signage will vary between hanging blade signs and mounted signage where available and preferred.

1 Residential Address Signage

2 Office Address Signage

3

Parking Signage

Retail Signage

Departure Request 1: See Sheet G-005						
Standard	Request	Proposed	Rationale	Applicable Design Guidelines	Reference	
23.49.058 Upper-Level Development Standards B. Facade Modulation 2. The maximum length of a facade without modulation within 15' of a property line is prescribed in Table 23.49.058A. Elevation Maximum length: 86-160' 155' 161-240' 125' 241-500' 100'	Allow for façade massing that does not conform to the façade modulation standards of 23.49.058.	The façade parallel to 7th Avenue has areas not complying with modulation standards greater than the dimensions in table 23.49.058A. The areas in excess of minimum modulation requirements are as follows: 765 SF at elevation 86-160 feet; 0 SF at elevation 161-240 feet; 237 SF at elevation 241-340 feet.	The overall massing of the tower is intended to be a unified form that is sculpted at the north and south ends to allow access to daylight and views. This form results in a tower with more elegant proportions and better responds to the neighborhood context than a code-compliant tower with facade modulation at mid-block. This departure request is also a result of the 108' depth of the lot which is narrower than a comperable downtown block with a 120' depth.	CS2-A.1 Respond to neighborhood context CS2-A.2 Architectural Presence CS2-D.4 Design a well-proportioned & unified building DC2-A.2 Reducing Percieved Mass DC2-B.1 Façade Composition	See Diagram 1	

Design Departure

23.49.058B Upper Level Development Standards

We request a design departure for the podium level modulation due to the rare depth of the site. In code compliance the area along 7th Avenue will not be desirable leasing depth for office space. We propose splitting this modulation throughout the facade (Exhibit A) to provide the same surface area and provide better leasing depths for the office space adjacent to the core.

We also request the tower modulation departure which requires 100' before modulation. Instead of taking the corners of each tower along Bell Street and Battery Street, we propose splitting it up, (Exhibit B) complying with the 100' requirement, and utilizing the modulation to emphasize the pinwheel effect per the preferred design. The modulation given will exceed the surface area of a code compliant tower.

- -Respond to Neighborhood Context
- -Architectural Presence
- -Design a well proportioned & unified building
- -Reduce Percieved Mass
- -Facade Composition

PROPOSED DEPARTURE

VOLUNTARY SETBACK AREA TOTAL ALL LEVELS = 4,536 SF

Departure Request 2: See Sheet G-006						
Standard	Request	Proposed	Rationale	Applicable Design Guidelines	Reference	
 23.49.019 Parking Screening B. Parking Location Within Structures 3. Seapration of parking located above street-level story a. All parking provided above the street- level story of a structure shall be separated along all street lot lines by another use except for lots that meet conditions of subsection 23.49.019.B.2.b 	Allow for façade approval that does not comply with SMC 23.49.019.8.3	The proposed design includes four levels of above-grade parking above the street-level story. All of the above-grade parking will be hidden from street level view by either placement of apartment units or curtainwall glazing system with reflective or opaque glazing assemblies that screen vehicles from view.	This provision's purpose is clearly to minimize the amount of above-grade parking that is visible from street level. As written, the provision allows up to 75 feet of parking to be exposed on Bell and Battery Streets, and up to 252 feet on 7th Avenue. The proposed design actually has no parking visible on Bell and Battery Streets and only 202 feet exposed on 7th avenue, with 40% of the 7th avenue facade being apartment uses, not just the 30% requirement.	CS2-A.1 Respond to neighborhood context CS2-A.2 Architectural Presence CS2-D.4 Design a well-proportioned & unified building DC2-A.2 Reducing Percieved Mass DC2-B.1 Façade Composition	See Diagram 2	
b. Except as provided in subsection 23.49.019.8.3.c. for parking that is allowed above the street-level story under the provisions of 23.49.019.8.2.b, parking above the third story of a structure shall be separated from the street by another use for a minimum of 30 percent measured along each street frontage of the structure. For structures located at intersections, the separateion by another use shall be provided at the corner portion(s) of the structure.						

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Design Departure

23.49.019.B.3 Parking Screening

This provision's purpose is clearly designed to minimize the amount of parking visible at the street level. By shielding the parking entirely along Bell Street and Battery Street, we have provided more than code required non-parking use spaces to further enhance the project's presence in the neighborhood. While the residential uses do not shield parking along 7th Avenue, 40% of the facade will be non-parking use (Exhibit B) which is greater than the city's code requirement of 30% (Exhibit A).

In addition to the non-parking use screening, the above grade parking will be screened by an interesting and cohesive curtain wall design feature unifying it with the rest of the podium and overall design concept. The use of curtain wall glass and angular screening elements will make the design concept even stronger.

Design Departure

23.49.056 Street Facade, Landscaping, and Street Setbacks.

Requirement:

- A. Minimum Facade Heights
 - a.1 Per Table A, minimum facade height is 25'-0"
- B. Facade Setback Limits
 - 2. General Setback Limits. The following setback limits apply on streets not requiring property line facades as shown in Map 1H:

b. The maximum area of all setbacks between the street lot line & facade along each street frontage of a lot shall not exceed the area derived by multiplying the averaging factor by the width of the street frontage of the structure along that street (see Exhibit D for 23.49.056). The averaging factor is five on Class I pedestrian streets and ten on Class II pedestrian streets designated green streets.

Departure Amount Required

See adjacent illustrative diagrams

3A. The facade setback along Bell Street varies from 9'-4" to 23'-1" for a distance of 34'-0". Maximum setback

3B. Allow for section of facade along Bell Street that is below the 25' minimum facade height.

Rationale

3A. The building has been setback from the street to provide a more gracious zone between the public right-of-way and the building and continues the open character of Bell Street Park. The Setback also provides outdoor seating & corner entries into the retail, enhancing street level active use.

3B. The building facade complies on the corner of 7th Avenue as you turn on to Bell Street. In order to keep a consistant design and elevation datum, the elevation remains consistent and requires a facade height below 25' as the grade increases towards 6th Avenue. This gives a distinct design character to the upper 15' building setback to gesture the open Bell Street Park and emphasizes the retail & residential entry level from the upper podium design.

7th Avenue

Battery Street

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Design Departure

23.49.056 Street Facade, Landscaping, and Street Setbacks.

Requirement:

B. Facade Setback Limits

2. General Setback Limits.

d. The maximum setback of the facade from street lot lines at intersection is 10'. The minimum distance the facade must conform to this limit is 20' along each street.

Departure Amount Required

See adjacent illustrative diagram

4. The facade parallel to Bell street sets back 20'-2" from the property line.

Rationale

Bell Street

4. The Green Street corner is enhanced and supported by a more gracious zone between the public right-of-way and the building. The setback also provides for corner entries into the retail, enhancing street level active uses.