

From: Scala, Mary Joy
Sent: Wednesday, October 25, 2017 5:10 PM
To: 'Jennifer Mullen'
Cc: 'Mitch Crowder'; 'Danny MacNelly'; Haluska, Brian
Subject: BAR Action - 425, 501, 503 West Main Street - October 17, 2017

October 25, 2017

Quirk Charlottesville, LLC
c/o Jennifer D. Mullen
919 E Main Street, Suite 2110
Richmond, VA 23219-4624

RE: Certificate of Appropriateness Application
BAR 16-09-01
425, 501, and 503 West Main Street
Tax Parcel 320175000, 320176000, and 320177000
Quirk Charlottesville, LLC, Owner/ Jennifer D. Mullen, Esq., Applicant
New Construction: materials, massing, and design approval

Dear Applicant,

The above referenced project was discussed before a meeting of the City of Charlottesville Board of Architectural Review (BAR) on October 17, 2017. The following action was taken:

Miller moved: Having considered the standards set forth within the City Code, including City Design Guidelines for New Construction and Additions, I move to find that, contingent upon zoning compliance, the massing; materials; warm, dimmable lighting; and landscape plan of the proposed building satisfy the BAR's criteria and are compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the massing, materials, lighting, and landscape plan only as submitted with the following modifications: that there's consideration for the soil volume of the ginkgo adjacent to the parking garage on Commerce Street, consideration of an alternative to the privet [hedge on the front elevation of West Main Street], and coordination with the street scape project along West Main.

In addition, the applicant should provide the following details for review and approval in order to receive a final certificate of appropriateness:

1. Historic building details, including exterior stair details
2. Site furnishings
3. Glass specifications with a physical sample
4. Window and wall sections
5. Signage
6. Final information on mechanical units.

Sarafin seconded. Motion was approved (7-0).

If you have any questions, please contact me at 434-970-3130 or scala@charlottesville.org.

Sincerely yours,

Mary Joy Scala, AICP
Preservation and Design Planner

Mary Joy Scala, AICP
Preservation and Design Planner
City of Charlottesville
Department of Neighborhood Development Services
City Hall – 610 East Market Street
P.O. Box 911
Charlottesville, VA 22902
Ph 434.970.3130 FAX 434.970.3359
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**CITY OF CHARLOTTESVILLE
BOARD OF ARCHITECTURAL REVIEW
STAFF REPORT
October 17, 2017**



Certificate of Appropriateness Application

BAR 16-09-01

425, 501, and 503 West Main Street

Tax Parcel 320175000, 320176000, and 320177000

Quirk Charlottesville, LLC, Owner/ Jennifer D. Mullen, Esq., Applicant

New Construction- Massing Approval

Background

425, 501 and 503 West Main Street are contributing structures in the Downtown Architectural Design Control (ADC) historic district.

There have been several recent approvals for mixed use projects on these properties that were not pursued:

March 17, 2015 - A previous applicant received conditional BAR approval for a mixed use building at 421, 425, 501 and 503 West Main Street. No site plan was submitted, and that approval has expired.

April 19, 2016 - A previous applicant received conditional BAR approval for a mixed use building at 425, 501, 503 West Main Street. No site plan was submitted, and there was no follow-up on the conditions.

August 30, 2016 Work Session - The BAR had a preliminary discussion with the current applicant for the upcoming Quirk boutique arts-based hotel project.

April 25, 2017 - The applicants met with the neighborhood to discuss the proposed development.

May 16, 2017- The BAR moved to find that the massing of the proposed building satisfies the BAR's criteria and is compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the massing only as submitted, it was approved 9-0.

The BAR moved to find that the demolition of the (Mel's Barber Shop) structure at the rear of 425 West Main Street satisfies the BAR's criteria and is compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the application as submitted, it was approved 9-0.

The BAR moved to find that the demolition of the rear additions of 503 West Main Street satisfies the BAR's criteria and is compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the application as submitted, it was approved 9-0.

The BAR moved to find that the demolition of the rear addition and the re-opening of the enclosed sleeping porches on the west side of 501 West Main Street satisfies the BAR's criteria and is compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the application as submitted. The BAR did not approve the demolition of the 1924 side brick addition, it was approved 7-2 with Graves and Clayborne opposed.

Application

The applicant is requesting approval of a revised massing plan, materials, and the landscape plan for a new hotel. The property is zoned West Main Street East (WME) Mixed Use Corridor.

The BAR previously approved several demolitions on site (425 West Main Street, which is a small concrete block building on Commerce Street, and rear additions to 501 and 503 West Main Street). 501 and 503 West Main Street are proposed to be rehabilitated and incorporated into the scheme. The BAR also approved the massing in May 2017, which is being revised by this application.

The current design consists of four levels (52 ft.) above Main Street, and five levels above Commerce Street, with a rooftop level (max 18 feet in height and 25% of roof area) that includes a rooftop bar, restrooms, stairs, elevators, and screened mechanical.

With the rear demolitions, the building will be set back approximately 7 feet and 34 feet from rear facades of the two historic buildings. There will be no connection to the rear or east side of 501 West Main Street, as original proposed. Both 501 and 503 West Main Street are intended to stand alone.

The hotel will be built to the property line on the east side. The top three floors will be stepped back to allow windows. On the west side there is an open walkway adjacent the Eloise building that connects West Main Street and Commerce Street.

On the West Main Street façade there is a 10 foot required setback, and a 3-story (40 ft. high) streetwall, with the first floor having a 16 ft. height. Level 4 is stepped back 10 feet.

On Commerce Street, also a primary street, there is a required 10 foot setback. A 2-story streetwall is shown, with the three levels above stepped back 20 feet.

One level of structured parking, and an interior service area are accessed from Commerce Street. The hotel plans valet parking.

Massing

Changes to massing since the May submittal include:

- (1) deleting any new physical connections to 501 West Main Street at the side or rear. The building will connect on the east to the hotel with a bluestone paver terrace.
- (2) to accommodate required egress of floors 2 through 4, the west side of the frontpiece on West Main Street will bump out slightly.
- (3) adding a new external stair to the rear of 503 West Main Street.

Materials

White brick with white mortar
White pre-cast concrete
Light bronze metal
Cedar window reveals.

Landscape Plan

Remove one street tree on West Main Street
Six canopy trees on Commerce Street
Eight understory trees on site
Additional shrubs, groundcover, perennials and vines on site
Bluestone paving
Sumac plants on roof
Hicks yew on Commerce Street terrace

Criteria, Standards and Guidelines

Review Criteria Generally

Sec. 34-284(b) of the City Code states that,

In considering a particular application the BAR shall approve the application unless it finds:

- (1) That the proposal does not meet specific standards set forth within this division or applicable provisions of the Design Guidelines established by the board pursuant to Sec.34-288(6); and*
- (2) The proposal is incompatible with the historic, cultural or architectural character of the district in which the property is located or the protected property that is the subject of the application.*

Standards for Review of Construction and Alterations include:

- (1) Whether the material, texture, color, height, scale, mass and placement of the proposed addition, modification or construction are visually and architecturally compatible with the site and the applicable design control district;*
- (2) The harmony of the proposed change in terms of overall proportion and the size and placement of entrances, windows, awnings, exterior stairs and signs;*
- (3) The Secretary of the Interior Standards for Rehabilitation set forth within the Code of Federal Regulations (36 C.F.R. §67.7(b)), as may be relevant;*
- (4) The effect of the proposed change on the historic district neighborhood;*
- (5) The impact of the proposed change on other protected features on the property, such as gardens, landscaping, fences, walls and walks;*
- (6) Whether the proposed method of construction, renovation or restoration could have an adverse impact on the structure or site, or adjacent buildings or structures;*
- (7) When reviewing any proposed sign as part of an application under consideration, the standards set forth within Article IX, sections 34-1020 et seq. (SIGNS) shall be applied; and*
- (8) Any applicable provisions of the City's Design Guidelines.*

Pertinent Guidelines for New Construction and Additions include:

A. INTRODUCTION

e. Multi-lot

Often new commercial, office, or multiuse buildings will be constructed on sites much larger than the traditionally sized lots 25 to 40 feet wide. Many sites for such structures are located on West Main Street and in the 14th and 15th Street area of Venable Neighborhood. These assembled parcels can translate into new structures whose scale and mass may overwhelm neighboring existing structures. Therefore, while this building type may need to respond to the various building conditions of the site, it also should employ design techniques to reduce its visual presence. These could include varying facade wall planes, differing materials, stepped-back upper levels, and irregular massing.

B. SETBACK

5) In the West Main Street corridor, construct new buildings with a minimal (up to 15 feet according to the zoning ordinance) or no setback in order to reinforce the street wall. If the site adjoins historic buildings, consider a setback consistent with these buildings.

6) On corners of the West Main Street corridor, avoid deep setbacks or open corner plazas unless the design contributes to the pedestrian experience or improves the transition to an adjacent residential area.

7) New buildings, particularly in the West Main Street corridor, should relate to any neighborhoods adjoining them. Buffer areas should be considered to include any screening and landscaping requirements of the zoning ordinance.

8) At transitional sites between two distinctive areas of setback, for instance between new commercial and historic commercial, consider using setbacks in the new construction that reinforce and relate to setbacks of the historic buildings.

C. SPACING

Spacing between buildings depends on the size of the lot, the size of the building, and side-yard setback requirements. Consistent spacing between a row of buildings helps to establish an overall rhythm along a street.

1) Maintain existing consistency of spacing in the area. New residences should be spaced within 20 percent of the average spacing between houses on the block.

2) Commercial and office buildings in the areas that have a well-defined street wall should have minimal spacing between them.

3) In areas that do not have consistent spacing, consider limiting or creating a more uniform spacing in order to establish an overall rhythm.

4) Multi-lot buildings should be designed using techniques to incorporate and respect the existing spacing on a residential street.

D. MASSING & FOOTPRINT

While the typical footprint of commercial building from the turn of the twentieth century might be 20 feet wide by 60 feet long or 1200 square feet per floor, new buildings in the downtown can be expected to be somewhat larger. Likewise, new buildings in the West Main Street corridor may be larger than this district's historic buildings. It is important that even large buildings contribute to the human scale and pedestrian orientation of the district.

1) New commercial infill buildings' footprints will be limited by the size of the existing lot in the downtown or along the West Main Street corridor. Their massing in most cases should be simple rectangles like neighboring buildings.

2) New infill construction in residential sub-areas should relate in footprint and massing to the majority of surrounding historic dwellings.

3) Neighborhood transitional buildings should have small building footprints similar to nearby dwellings.

a. If the footprint is larger, their massing should be reduced to relate to the smaller-scaled forms of residential structures.

b. Techniques to reduce massing could include stepping back upper levels, adding residential roof and porch forms, and using sympathetic materials.

4) Institutional and multi-lot buildings by their nature will have large footprints, particularly along the West Main Street corridor and in the 14th and 15th Street area of the Venable neighborhood.

a. The massing of such a large scale structure should not overpower the traditional scale of the majority of nearby buildings in the district in which it is located.

b. Techniques could include varying the surface planes of the buildings, stepping back the buildings as the structure increases in height, and breaking up the roof line with different elements to create smaller compositions.

E. HEIGHT & WIDTH

- 1. Respect the directional expression of the majority of surrounding buildings. In commercial areas, respect the expression of any adjacent historic buildings, which generally will have a more vertical expression.*
- 2. Attempt to keep the height and width of new buildings within a maximum of 200 percent of the prevailing height and width in the surrounding sub-area.*
- 3. In commercial areas at street front, the height should be within 130 percent of the prevailing average of both sides of the block. Along West Main Street, heights should relate to any adjacent contributing buildings. Additional stories should be stepped back so that the additional height is not readily visible from the street.*
- 4. When the primary façade of a new building in a commercial area, such as downtown, West Main Street, or the Corner, is wider than the surrounding historic buildings or the traditional lot size, consider modulating it with bays or varying planes.*
- 5. Reinforce the human scale of the historic districts by including elements such as porches, entrances, storefronts, and decorative features depending on the character of the particular sub-area.*
- 6. In the West Main Street corridor, regardless of surrounding buildings, new construction should use elements at the street level, such as cornices, entrances, and display windows, to reinforce the human scale.*

F. SCALE

- 1. Provide features on new construction that reinforce the scale and character of the surrounding area, whether human or monumental. Include elements such as storefronts, vertical and horizontal divisions, upper story windows, and decorative features.*

G. ROOF

1. Roof Forms and Pitches

- a. The roof design of new downtown or West Main Street commercial infill buildings generally should be flat or sloped behind a parapet wall.*
- b. Neighborhood transitional buildings should use roof forms that relate to the neighboring residential forms instead of the flat or sloping commercial form.*
- c. Institutional buildings that are freestanding may have a gable or hipped roof with variations.*
- d. Large-scale, multi-lot buildings should have a varied roof line to break up the mass of the design using gable and/or hipped forms.*
- e. Shallow pitched roofs and flat roofs may be appropriate in historic residential areas on a contemporary designed building.*
- f. Do not use mansard-type roofs on commercial buildings; they were not used historically in Charlottesville's downtown area, nor are they appropriate on West Main Street.*

2. Roof Materials

Common roof materials in the historic districts include metal, slate, and composition shingles.

- a. For new construction in the historic districts, use traditional roofing materials such as standing-seam metal or slate.*
- b. In some cases, shingles that mimic the appearance of slate may be acceptable.*
- c. Pre-painted standing-seam metal roof material is permitted, but commercial-looking ridge caps or ridge vents are not appropriate on residential structures.*
- d. Avoid using thick wood cedar shakes if using wood shingles; instead, use more historically appropriate wood shingles that are thinner and have a smoother finish.*
- e. If using composition asphalt shingles do not use light colors. Consider using neutral-colored or darker, plain or textured-type shingles.*
- f. The width of the pan and the seam height on a standing-seam metal roof should be consistent with the size of pan and seam height usually found on a building of a similar period.*

3. Rooftop Screening

- a. If roof-mounted mechanical equipment is used, it should be screened from public view on all sides.*

- b. The screening material and design should be consistent with the design, textures, materials, and colors of the building.*
- c. The screening should not appear as an afterthought or addition the building.*

H. ORIENTATION

- 1. New commercial construction should orient its façade in the same direction as adjacent historic buildings, that is, to the street.*
- 2. Front elevations oriented to side streets or to the interior of lots should be discouraged.*

I. WINDOWS & DOORS

- 1. The rhythm, patterns, and ratio of solids (walls) and voids (windows and doors) of new buildings should relate to and be compatible with adjacent historic facades.*
 - a. The majority of existing buildings in Charlottesville's historic districts have a higher proportion of wall area than void area except at the storefront level.*
 - b. In the West Main Street corridor in particular, new buildings should reinforce this traditional proportion.*
- 2. The size and proportion, or the ratio of width to height, of window and door openings on new buildings' primary facades should be similar and compatible with those on surrounding historic facades.*
 - a. The proportions of the upper floor windows of most of Charlottesville's historic buildings are more vertical than horizontal.*
 - b. Glass storefronts would generally have more horizontal proportions than upper floor openings.*
- 3. Traditionally designed openings generally are recessed on masonry buildings and have a raised surround on frame buildings. New construction should follow these methods in the historic districts as opposed to designing openings that are flush with the rest of the wall.*
- 4. Many entrances of Charlottesville's historic buildings have special features such as transoms, sidelights, and decorative elements framing the openings. Consideration should be given to incorporating such elements in new construction.*
- 5. Darkly tinted mirrored glass is not an appropriate material for windows in new buildings within the historic districts.*
- 6. If small-paned windows are used, they should have true divided lights or simulated divided lights with permanently affixed interior and exterior muntin bars and integral spacer bars between the panes of glass.*
- 7. Avoid designing false windows in new construction.*
- 8. Appropriate material for new windows depends upon the context of the building within a historic district, and the design of the proposed building. Sustainable materials such as wood, aluminum-clad wood, solid fiberglass, and metal windows are preferred for new construction. Vinyl windows are discouraged.*
- 9. Glass shall be clear. Opaque spandrel glass or translucent glass may be approved by the BAR for specific applications.*

J. PORCHES

- 1. Porches and other semi-public spaces are important in establishing layers or zones of intermediate spaces within the streetscape.*

K. STREET-LEVEL DESIGN

- 1. Street level facades of all building types, whether commercial, office, or institutional, should not have blank walls; they should provide visual interest to the passing pedestrian.*
- 2. When designing new storefronts or elements for storefronts, conform to the general configuration of traditional storefronts depending on the context of the sub-area. New structures do offer the opportunity for more contemporary storefront designs.*

3. *Keep the ground level facades(s) of new retail commercial buildings at least eighty percent transparent up to a level of ten feet.*
4. *Include doors in all storefronts to reinforce street level vitality.*
5. *Articulate the bays of institutional or office buildings to provide visual interest.*
6. *Institutional buildings, such as city halls, libraries, and post offices, generally do not have storefronts, but their street levels should provide visual interest and display space or first floor windows should be integrated into the design.*
7. *Office buildings should provide windows or other visual interest at street level.*
8. *Neighborhood transitional buildings in general should not have transparent first floors, and the design and size of their façade openings should relate more to neighboring residential structures.*
9. *Along West Main Street, secondary (rear) facades should also include features to relate appropriately to any adjacent residential areas.*
10. *Any parking structures facing on important streets or on pedestrian routes must have storefronts, display windows, or other forms of visual relief on the first floors of these elevations.*
11. *A parking garage vehicular entrance/exit opening should be diminished in scale, and located off to the side to the degree possible.*

L. FOUNDATION and CORNICE

1. *Distinguish the foundation from the rest of the structure through the use of different materials, patterns, or textures.*
2. *Respect the height, contrast of materials, and textures of foundations on surrounding historic buildings.*
3. *If used, cornices should be in proportion to the rest of the building.*
4. *Wood or metal cornices are preferred. The use of fypon may be appropriate where the location is not immediately adjacent to pedestrians.*

Discussion and Recommendations

The applicant is requesting revised massing approval, approval of materials and landscape plan.

- The BAR should view actual samples of the materials.
- The proposed landscape plan matches what is currently under concurrent site plan review. The BAR must approve the landscape plan before the applicant can receive preliminary site plan approval.
- Preliminary lighting designs have been submitted for comment.
- Approval of the revised massing plan is subject to zoning requirements regarding the rooftop structure. It may cover no more than 25% of the roof area.
- The BAR should specify what additional items it needs to review (see checklist below) before it can issue a final COA, such as dimensioned elevation drawings for all sides of the buildings, and the restoration of the “sleeping porch” on 501 West Main Street.

BAR Checklist for New Construction

1. Massing drawings
2. Dimensioned elevation drawings for all four elevations, and color perspectives in context
3. Materials and colors (materials samples and/or cut sheets as appropriate) for:
Walls, roof, foundation, cornice, trim, windows (minimum 70 VLT specifications for clear glass), appurtenances, doors, garage doors, storefronts, balcony railings, canopies
4. Details:
Wall sections
5. Site/landscape design:
Site walls and fences (height, material), paving materials, species of trees and additional plantings, patio furniture including umbrellas, tents, patio railings, decking, pergolas, awnings

6. Lighting: site and building (fixture cut sheets, mounting height, dark sky, color of light)
7. Signage: Locations and general sizes for building name (1) and retail spaces (2 each)
8. Mechanical units: rooftop and ground locations; screening; transformer locations; restaurant vents; solar energy systems

Checklist for Rehabilitations

1. Metal roof details: pan width, seam height, no ridge vents, material, color or finish
Philadelphia gutter repair
2. Brick: Do not paint unpainted masonry; correct mortar choice
3. Window repair or replacement (cut sheets, light pattern, clear glass, opening size, trim)
4. Other repairs or replacements: Note any changes to design, materials, colors
5. Additions or attachments (See new construction above)

Suggested Motion

Having considered the standards set forth within the City Code, including City Design Guidelines for New Construction and Additions, I move to find that the massing, materials and landscape plan of the proposed building satisfy the BAR's criteria and are compatible with these properties and other properties in the Downtown ADC district, and that the BAR approves the massing, materials and landscape plan only as submitted (or with the following modifications...).

In addition, the applicant should provide the following details for review and approval in order to receive a final certificate of appropriateness:

- 1.---
- 2.---
- 3.---

Quirk Charlottesville (QRC)

501 W. Main St.
Charlottesville, VA 22902

Board of Architectural Review

Design Updates from May 16, 2017 Meeting

17 October 2017

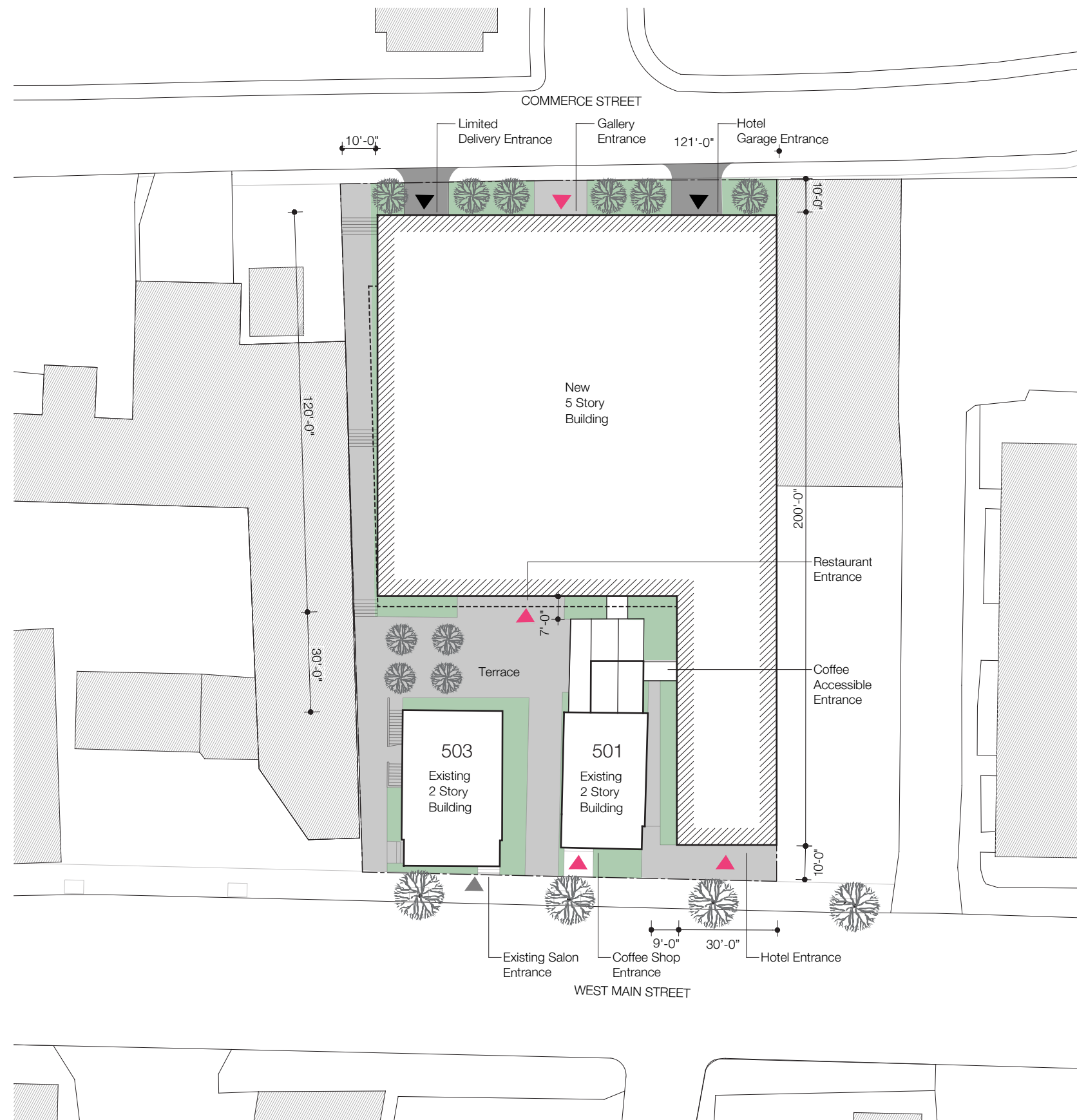
RICHMOND, VA

QUIRK

HOTEL

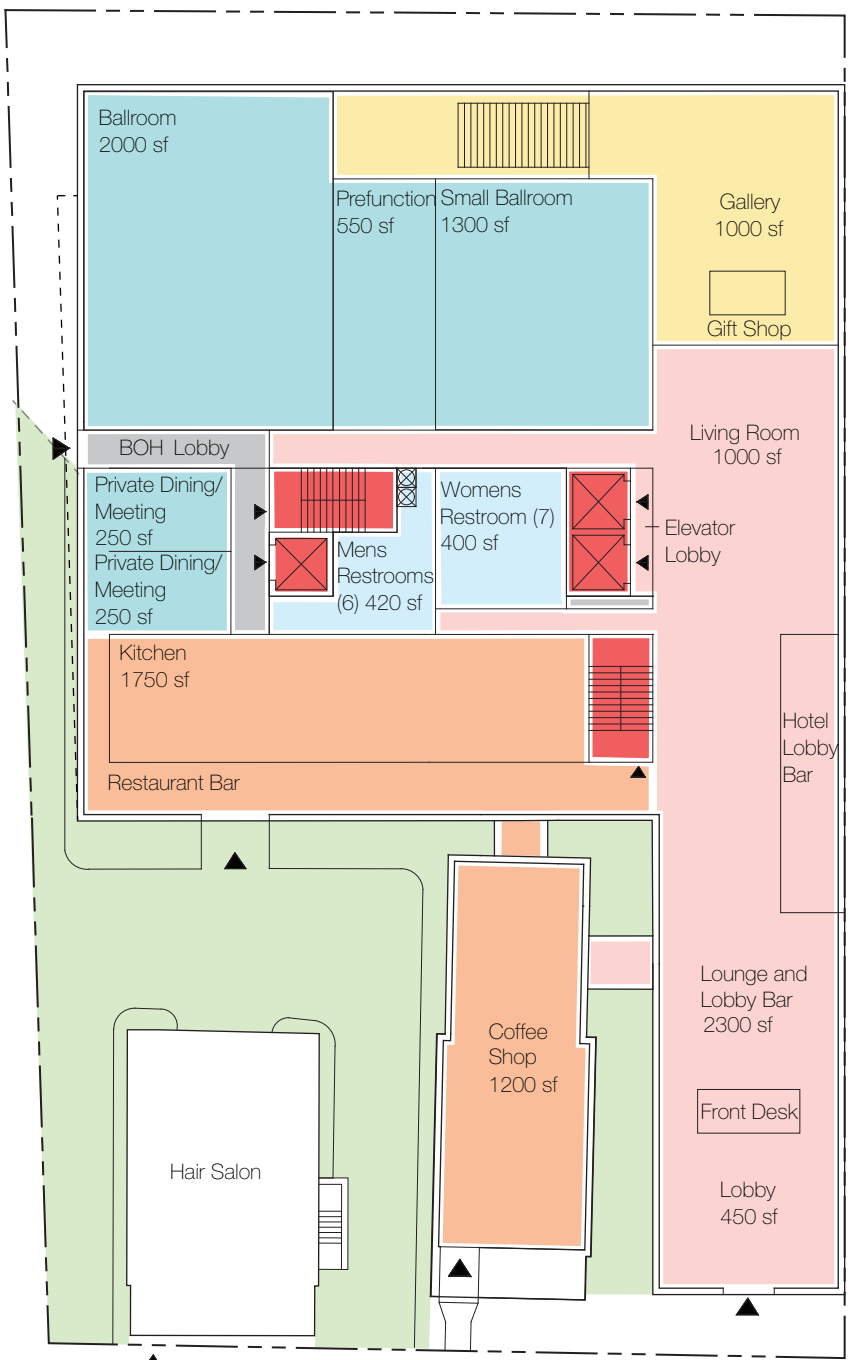
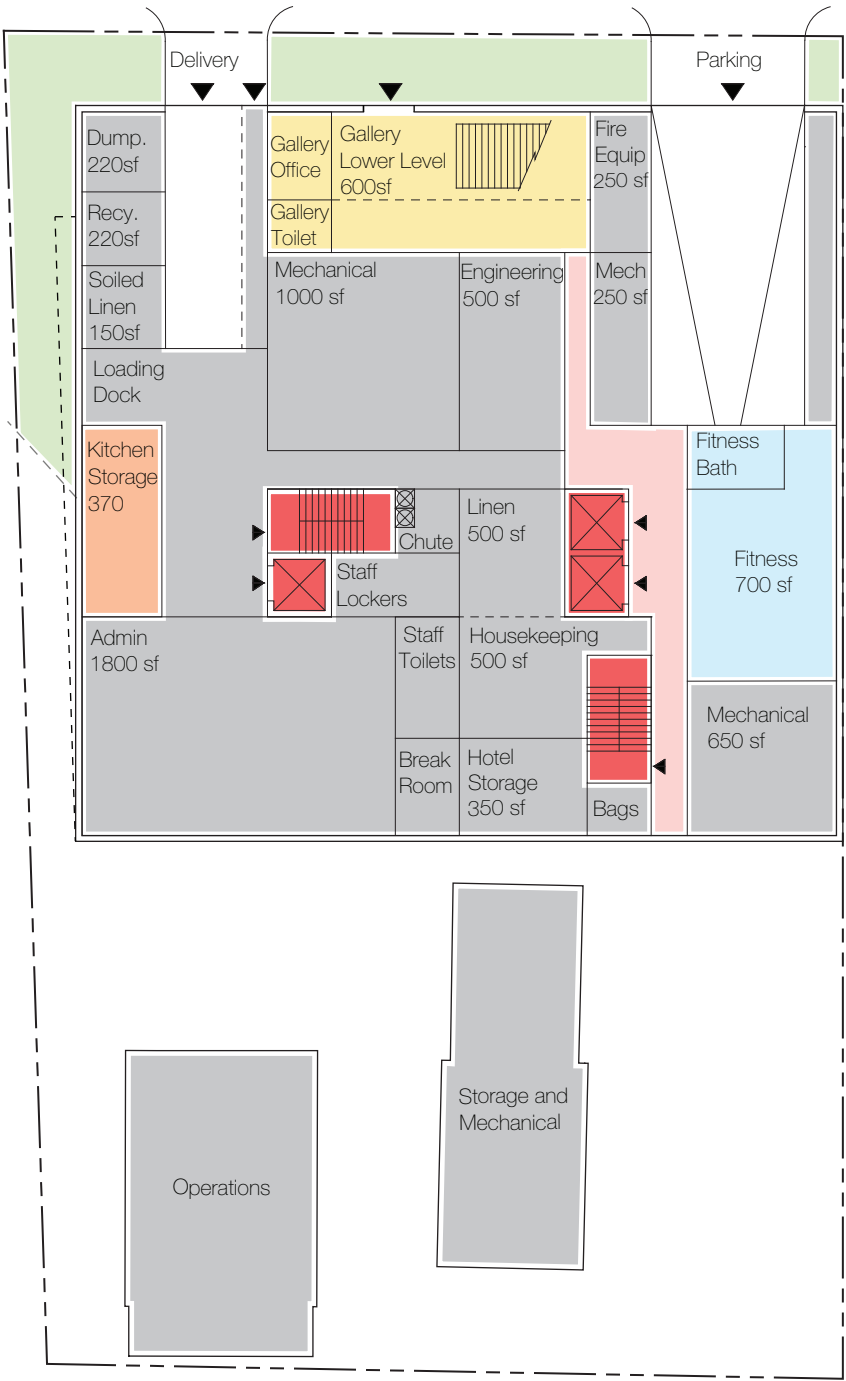
ARCHITECTUREFIRM

Previously Approved Floor Plans



Proposed Site Plan
PREVIOUSLY APPROVED

Quirk Charlottesville (QRC)



KEY

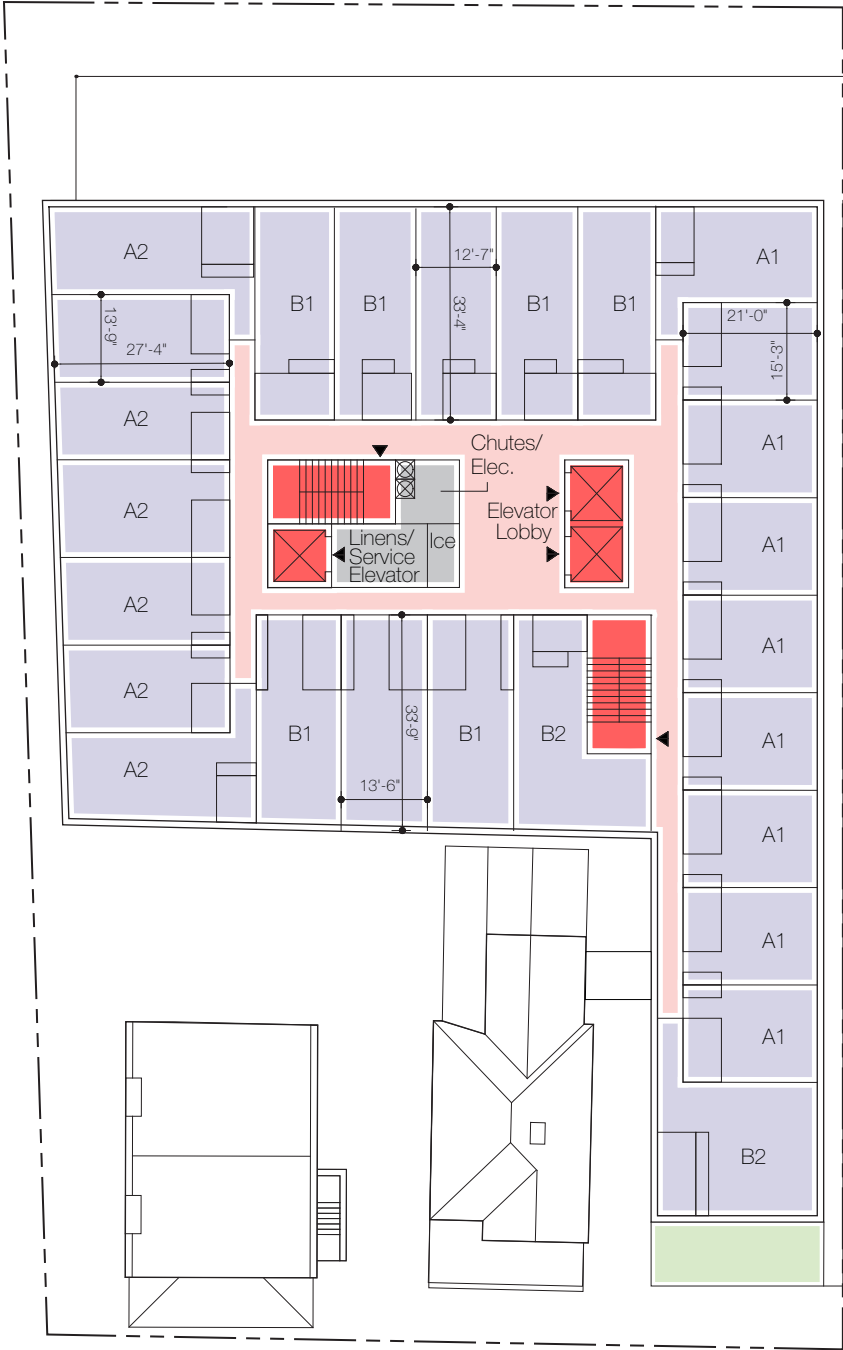
- Public Space
- Food and Beverage
- Art Gallery
- Assembly Areas
- Amenities
- Service Area
- Vertical Circulation
- Green Space

Proposed Programming
PREVIOUSLY APPROVED

2 & 3 Guestrooms



4 Guestrooms



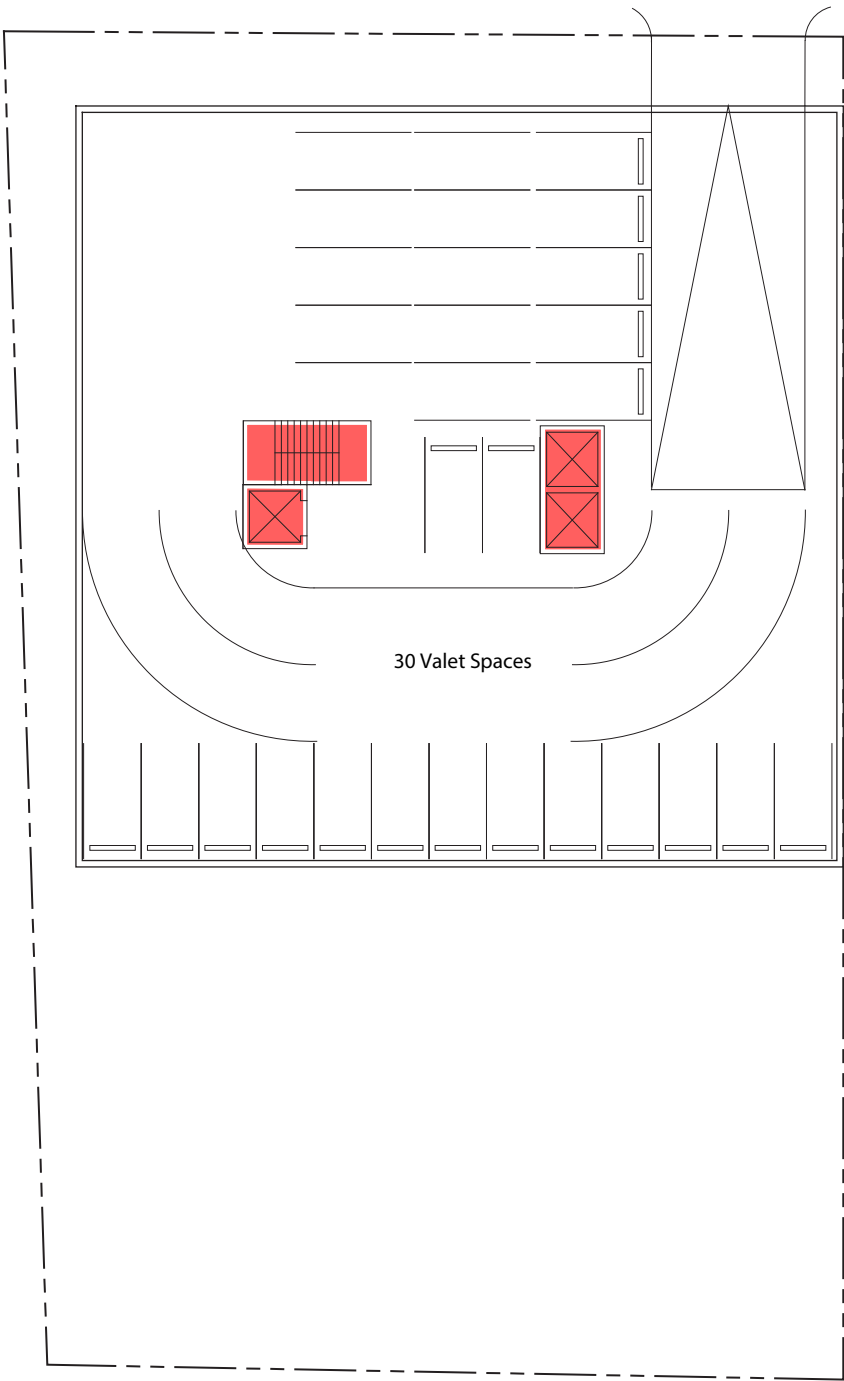
KEY

- Public Space
- Food and Beverage
- Guestrooms
- Service Area
- Vertical Circulation

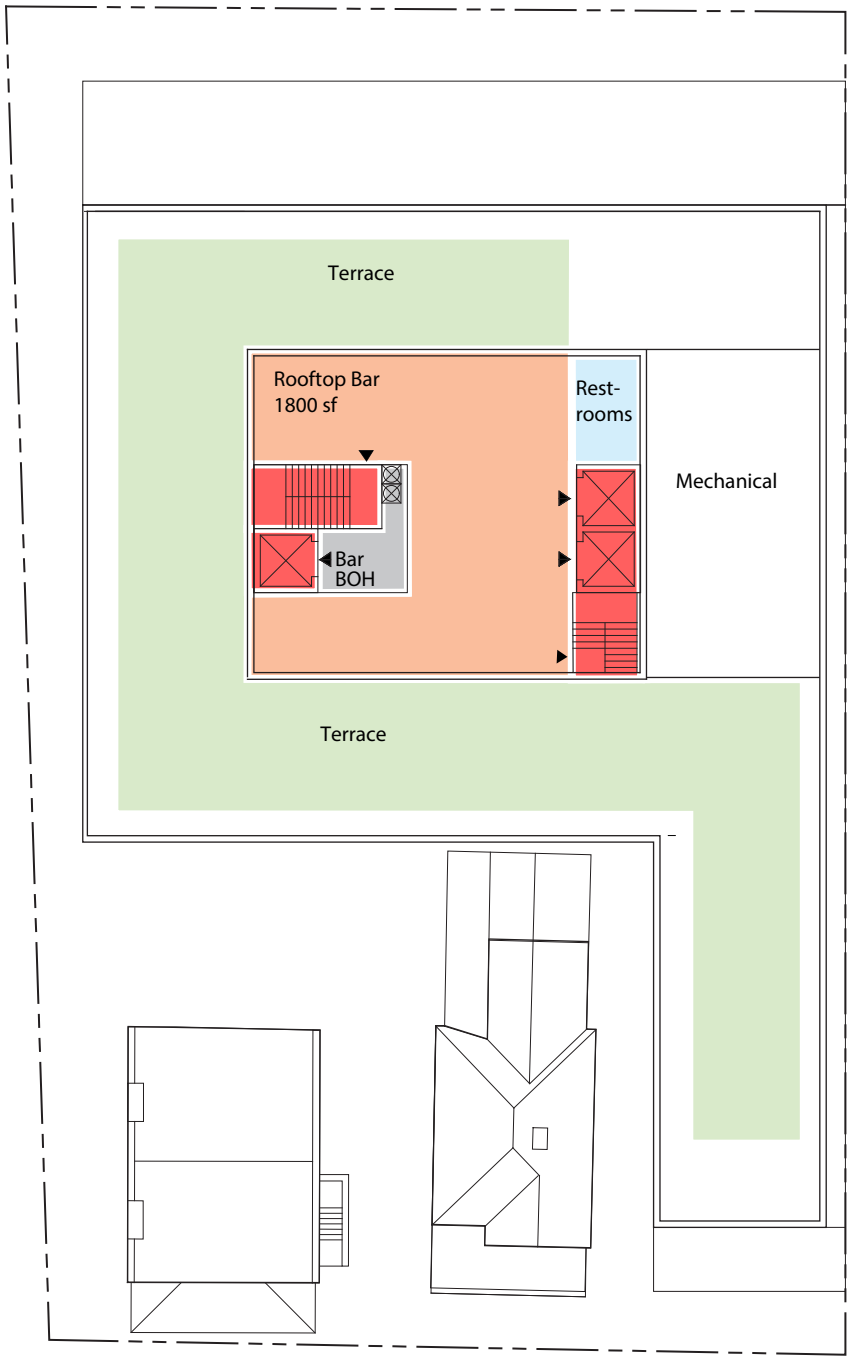
TYPE	SF	COUNT
A1 Guestroom	300 sf	27
A2 Guestroom	305 sf	21
B1 Jr. Suite	400 sf	24
B2 Jr. Suite	550 sf	4
C1 Suite	700 sf	2
Total:		78

Proposed Programming
PREVIOUSLY APPROVED

-1 Parking



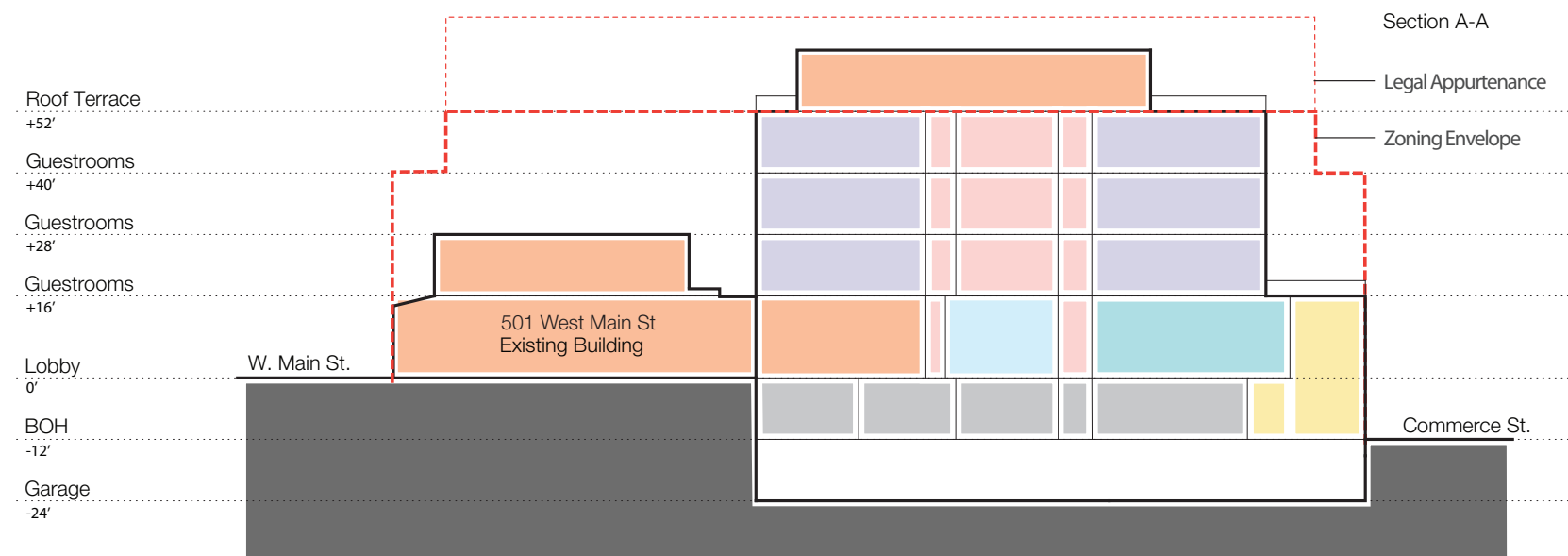
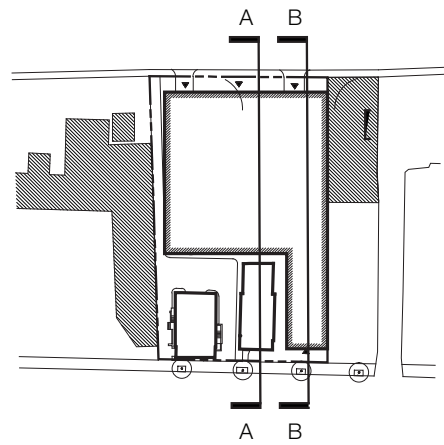
5 Rooftop



- KEY
- Food and Beverage
 - Service Area
 - Vertical Circulation
 - Amenities
 - Green Space

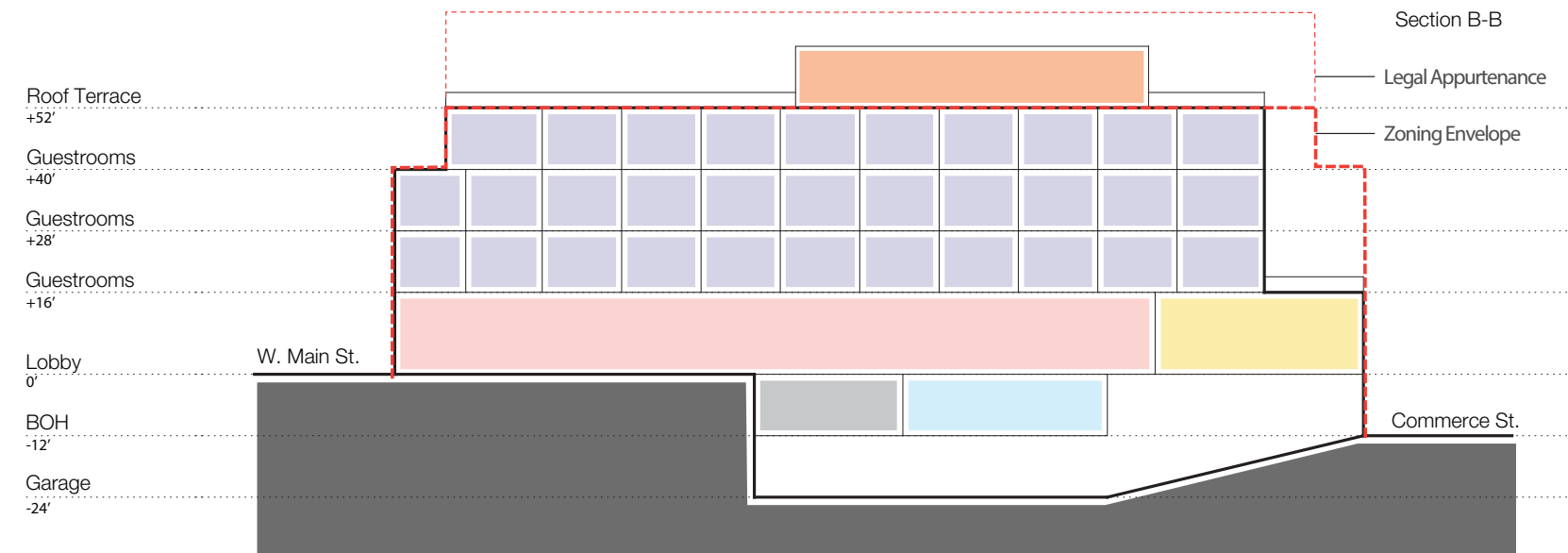
Proposed Programming
PREVIOUSLY APPROVED

Previously Approved Zoning Envelope



KEY

■	Public Space
■	Food and Beverage
■	Art Gallery
■	Assembly Areas
■	Amenities
■	Service Area
■	Vertical Circulation
■	Green Space

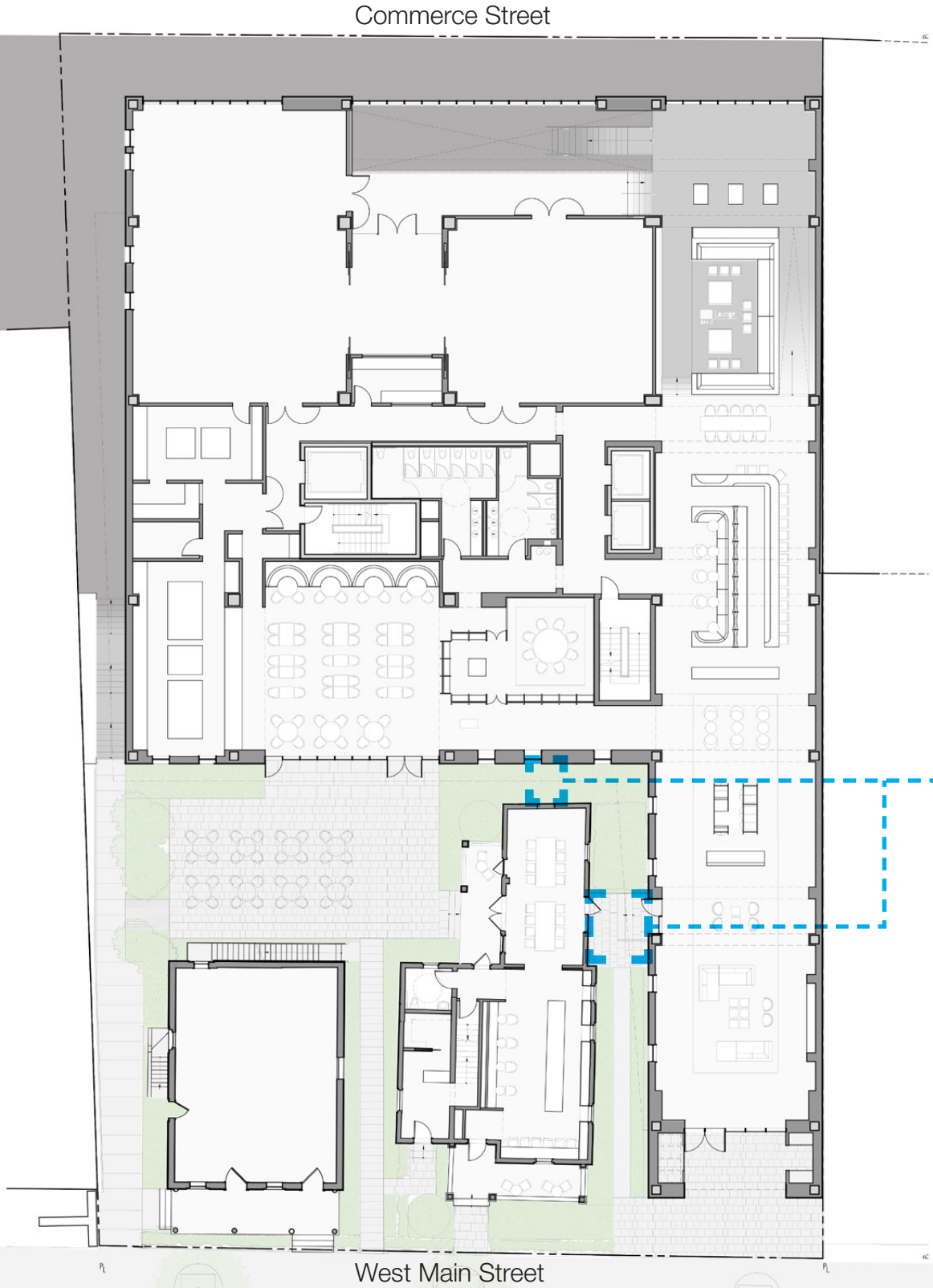


Programming Sections
PREVIOUSLY APPROVED

Floor Plan and Massing Updates

Floor 0 - BOH and Gallery Entrance

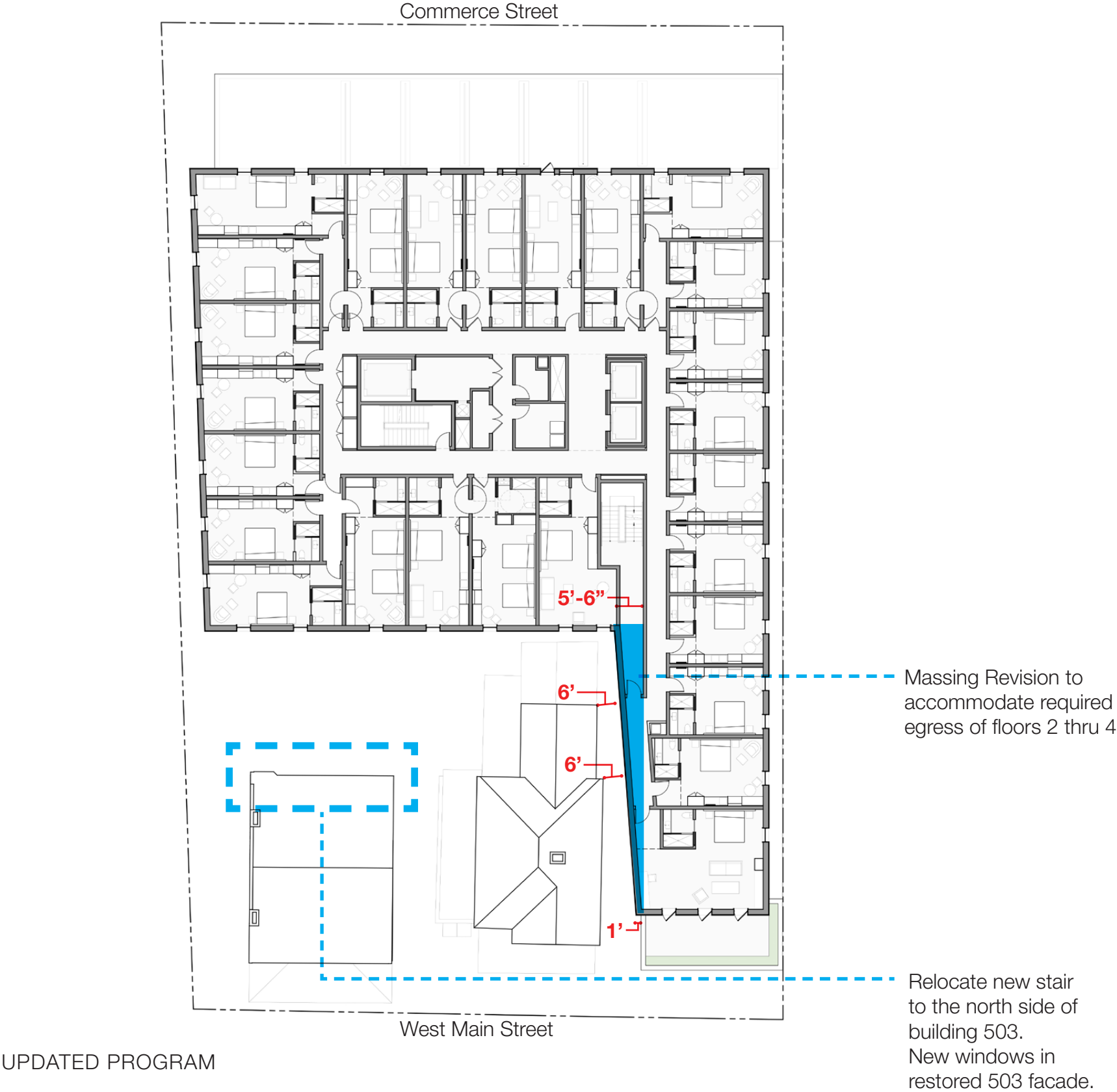
Floor 1 - Hotel Lobby and Restaurant



No physical connection between the new building and building 501. Replaced with a bluestone paver terrace and garden

UPDATED PROGRAM

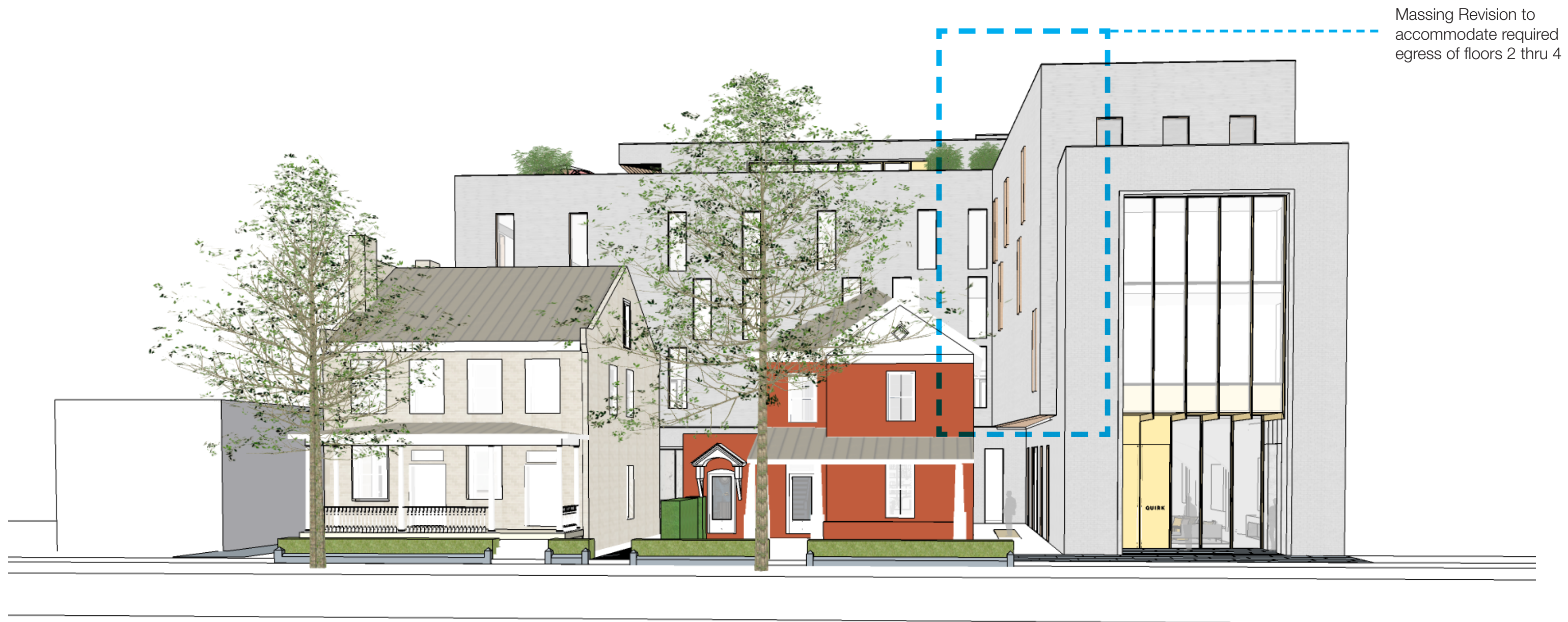
Floors 2 thru 4 - Guestrooms





West Main Street

MASSING REVISION

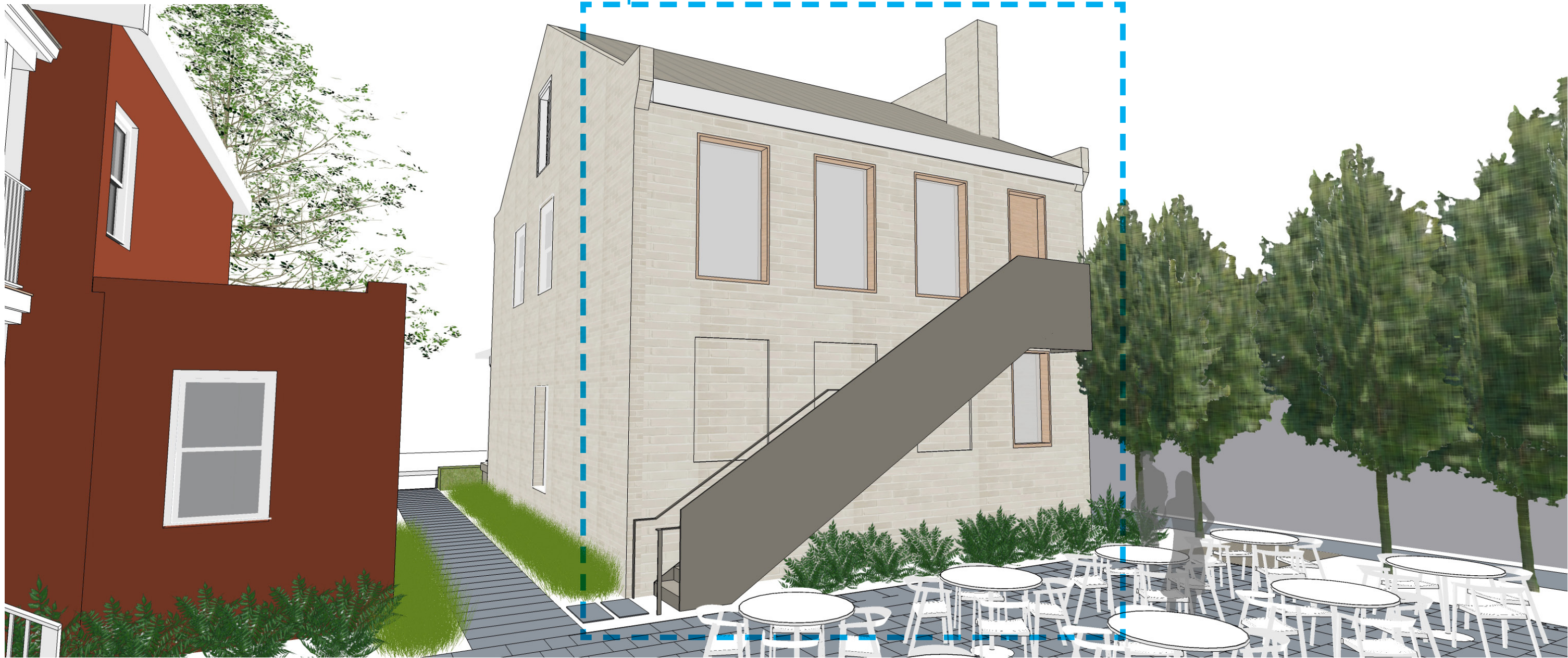


Massing Revision to
accommodate required
egress of floors 2 thru 4

West Main Street

MASSING REVISION

Relocate new stair to the north side of building 503.
New windows in restored 503 facade.

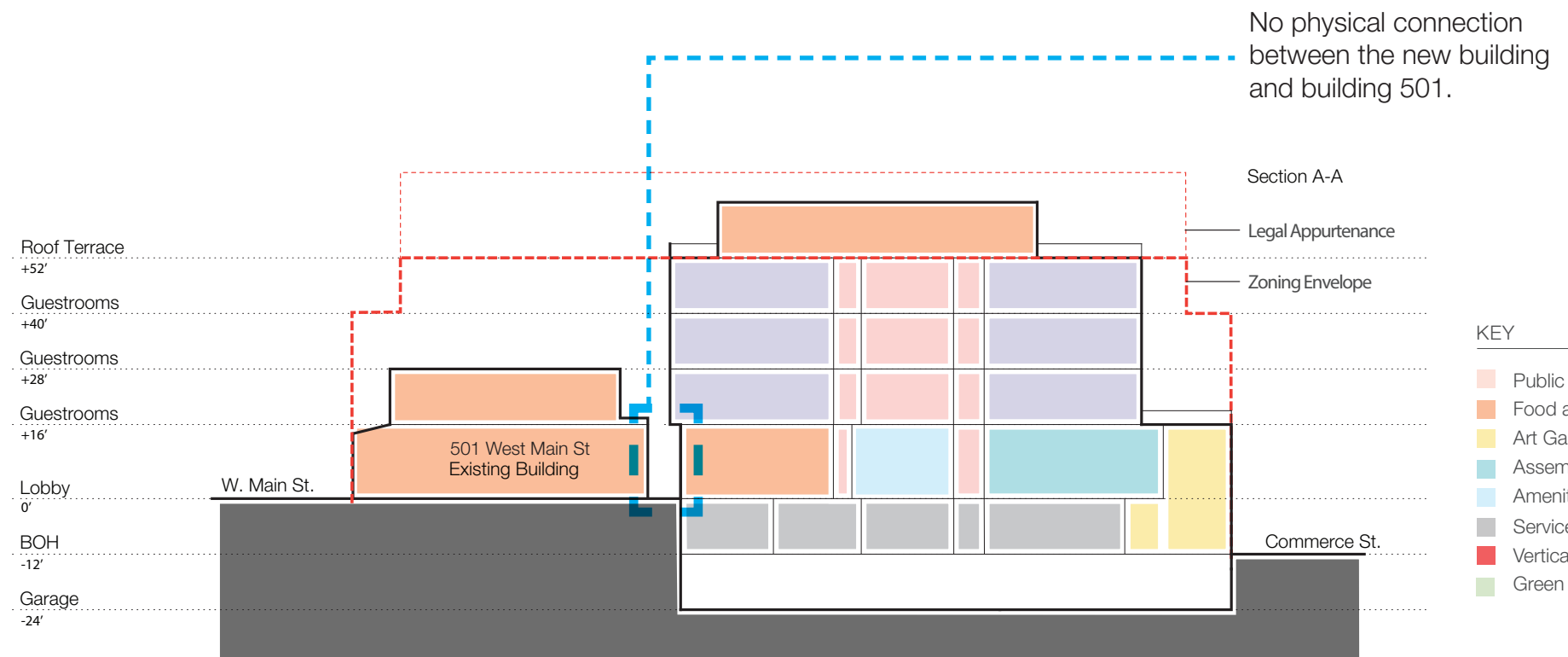
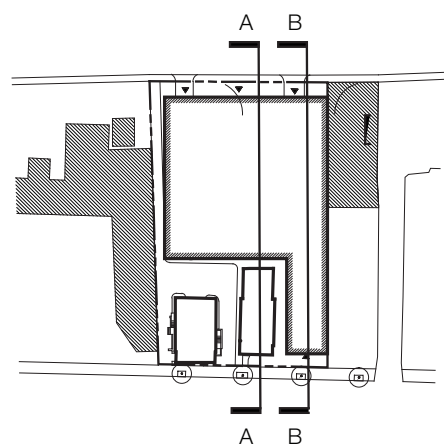


Building 501 West Main Street

Building 503 West Main Street

503 WEST MAIN STREET

Zoning Envelope Updates



KEY

Public Space
Food and Beverage
Art Gallery
Assembly Areas
Amenities
Service Area
Vertical Circulation
Green Space

PROGRAMMING SECTION

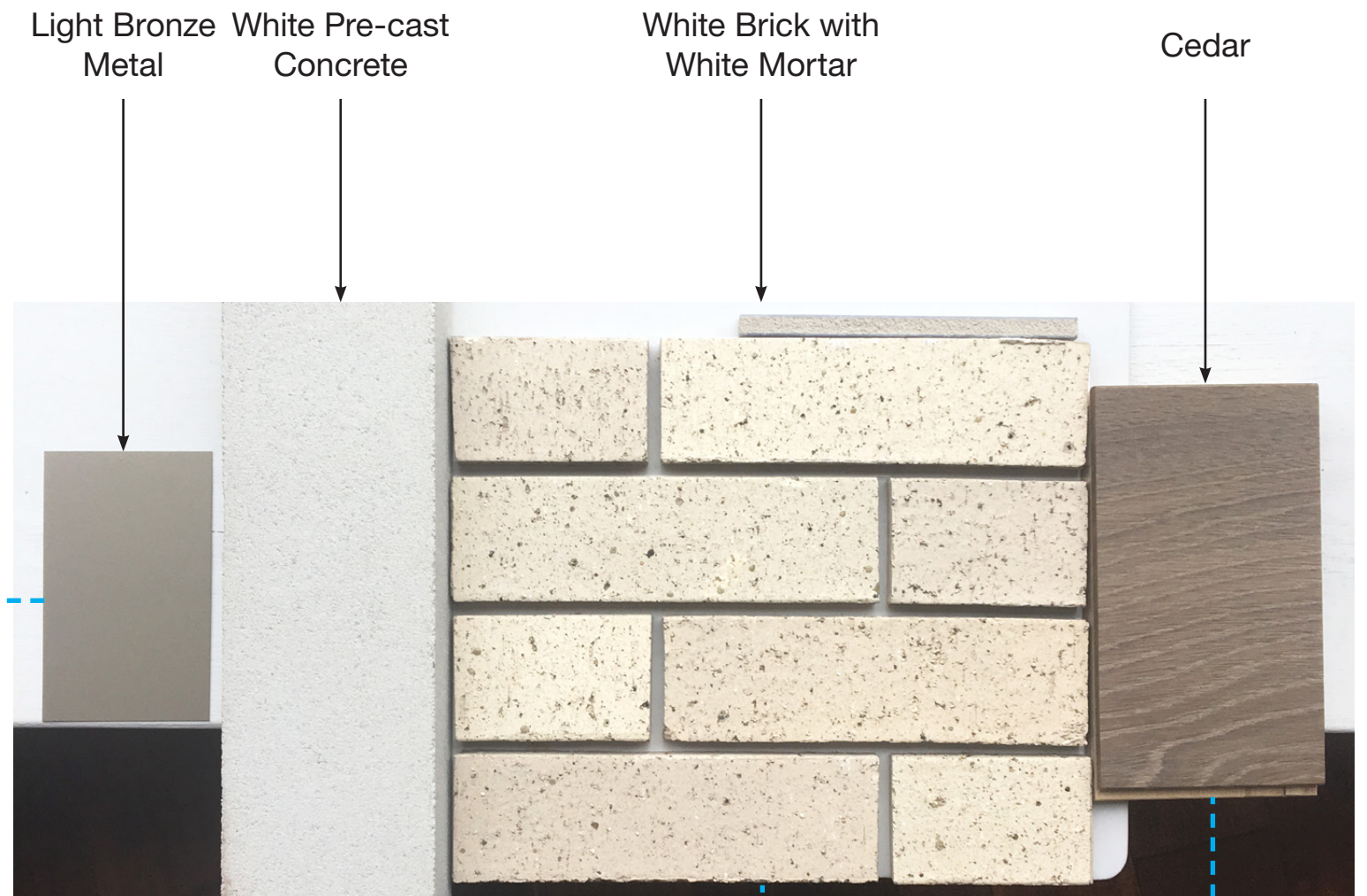
Exterior Materials Update



FACADE PRECEDENT IMAGES



West Main Street



EXTERIOR MATERIALS



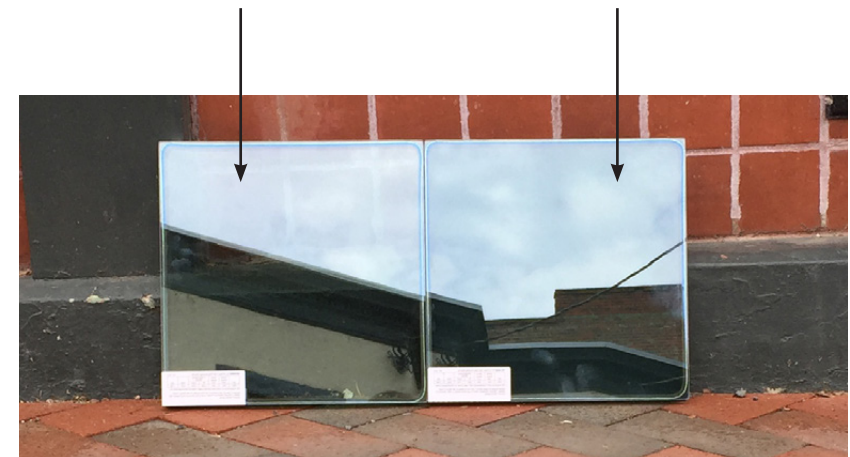
West Main Street

GLASS TYPES

SolarBan 70

Solarban 67

Solarban 67
w/ Opaci-coat
Interlayer





Commerce Street

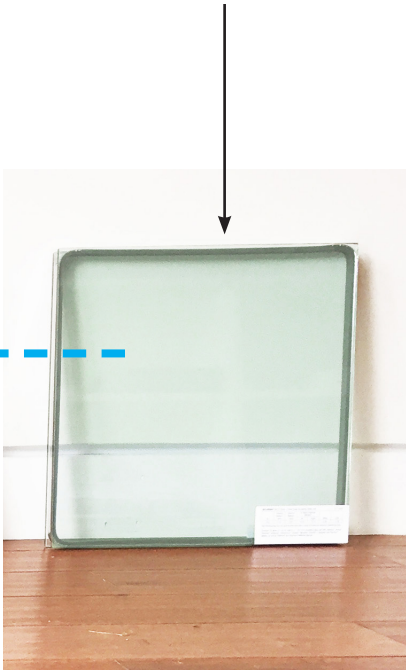


EXTERIOR MATERIALS



Commerce Street

Solarban 70



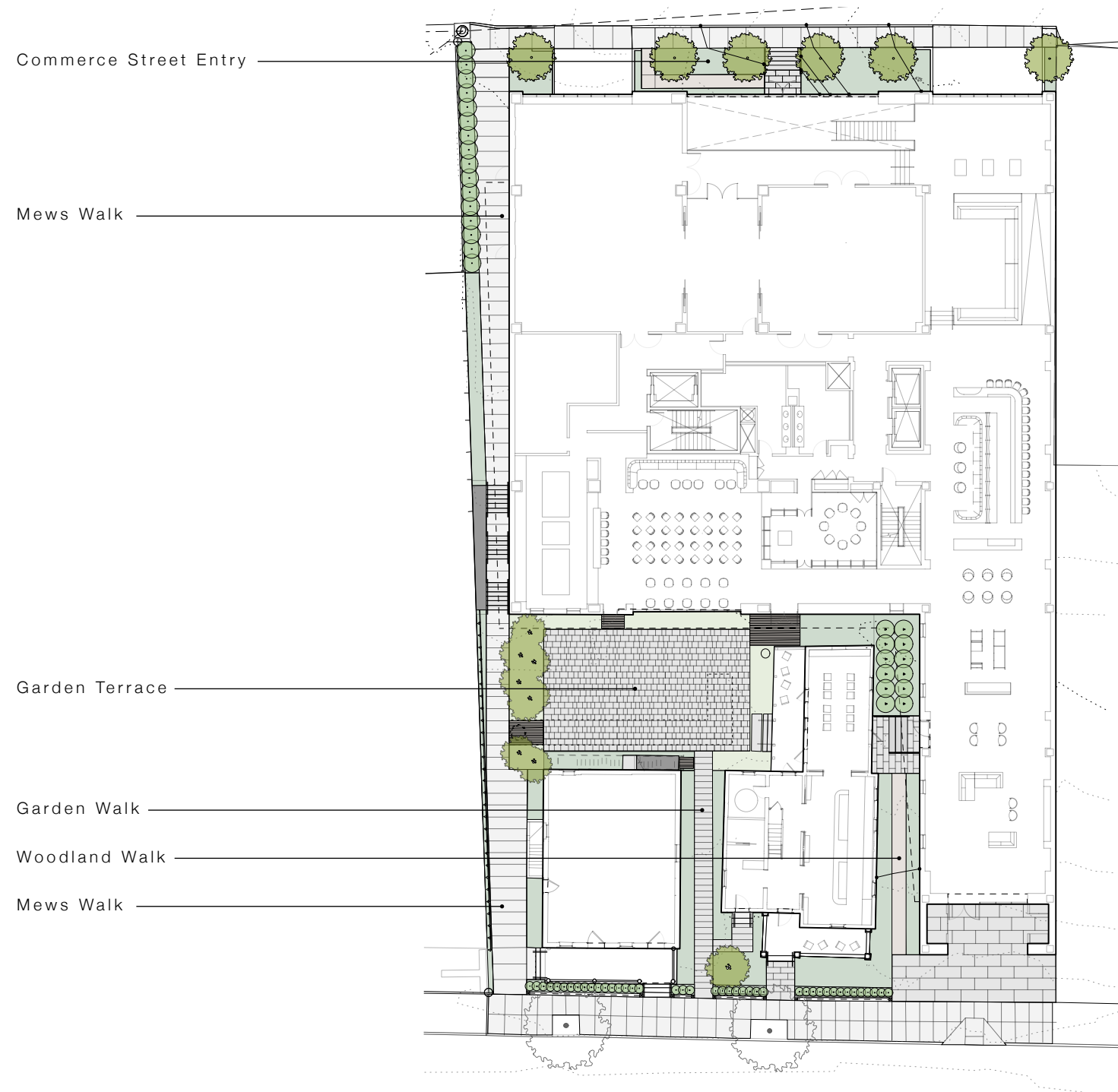
Solarban 60



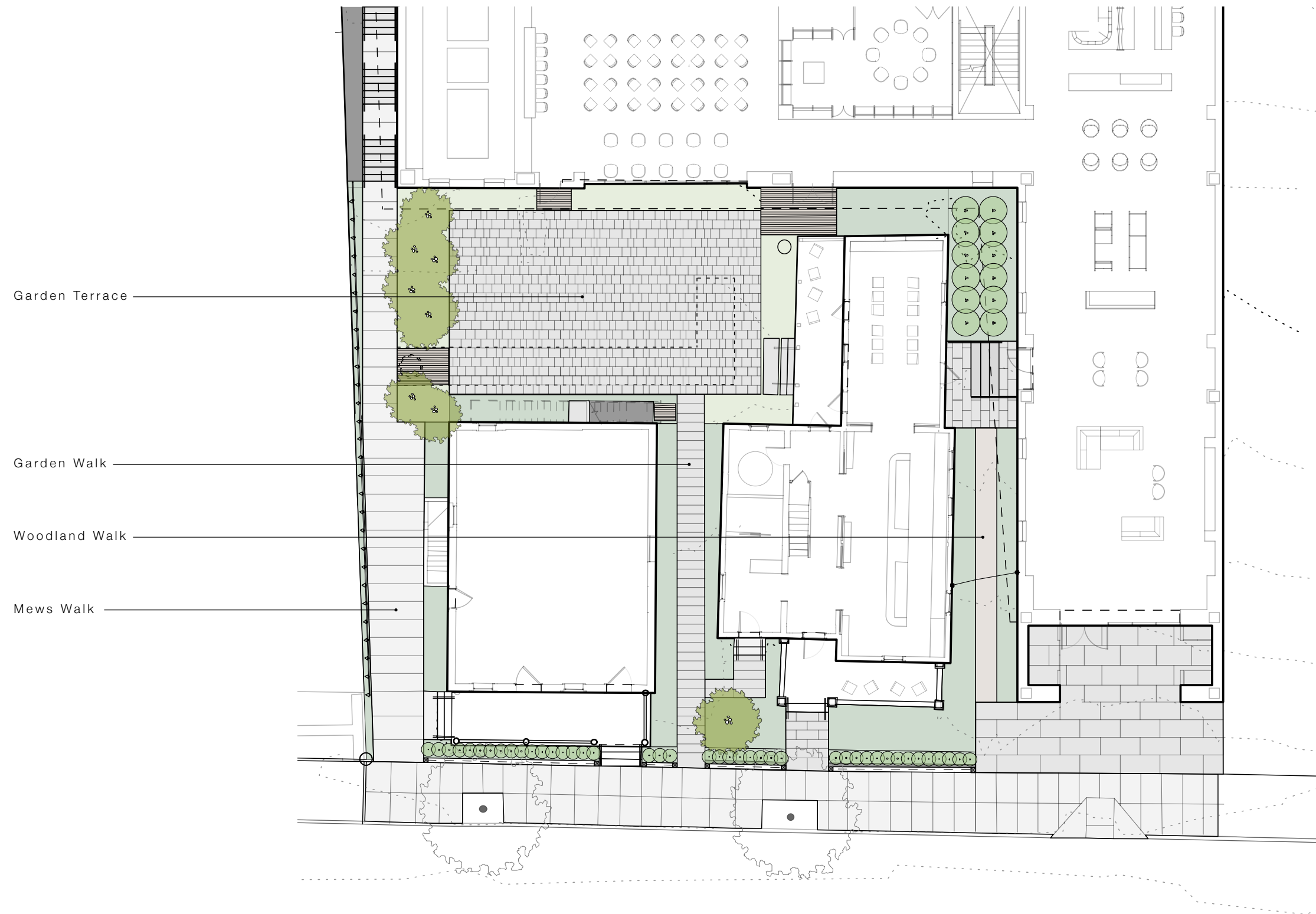
GLASS TYPES

Landscape Design Update

Site Plan Update



LANDSCAPE SITE PLAN 1/32" = 1' - 0"



LANDSCAPE SITE PLAN 1/16" = 1' - 0"



SITE SECTION



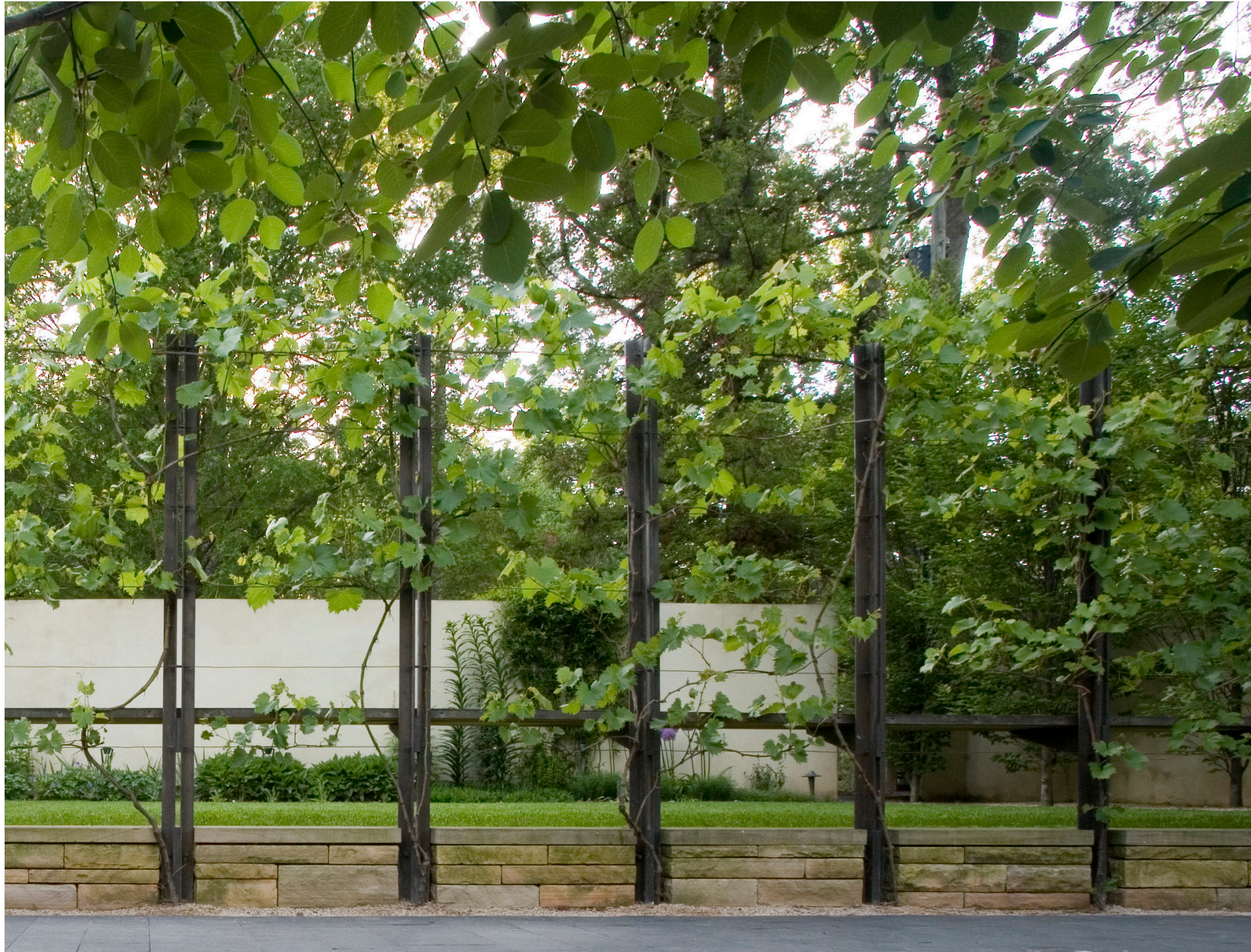
SITE SECTION -GARDEN TERRACE



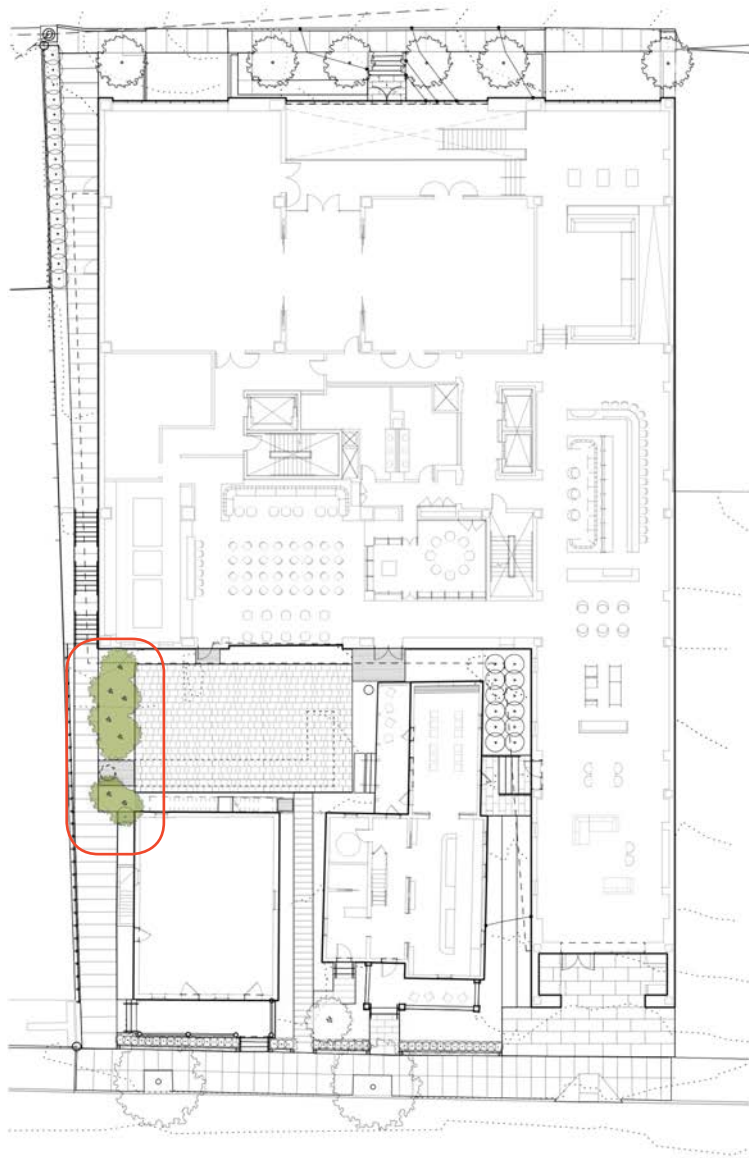
SITE SECTION



BLUESTONE PAVING



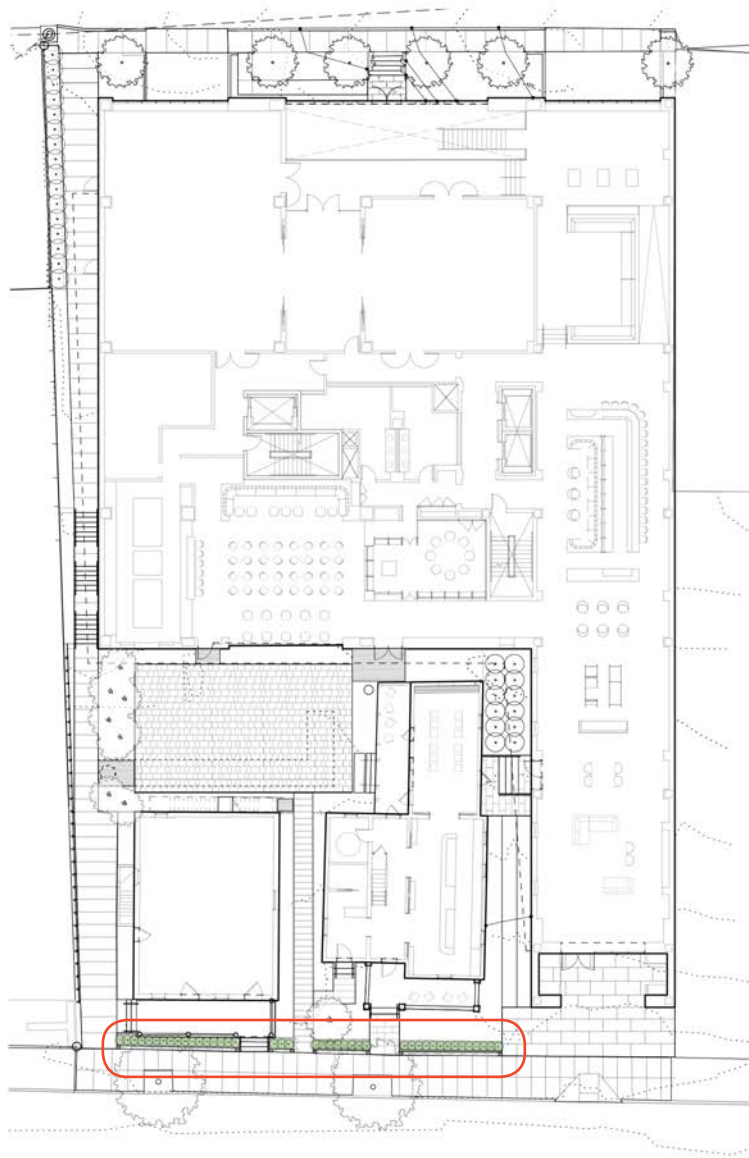
SCRIM



Sweetbay Magnolia
Magnolia virginiana

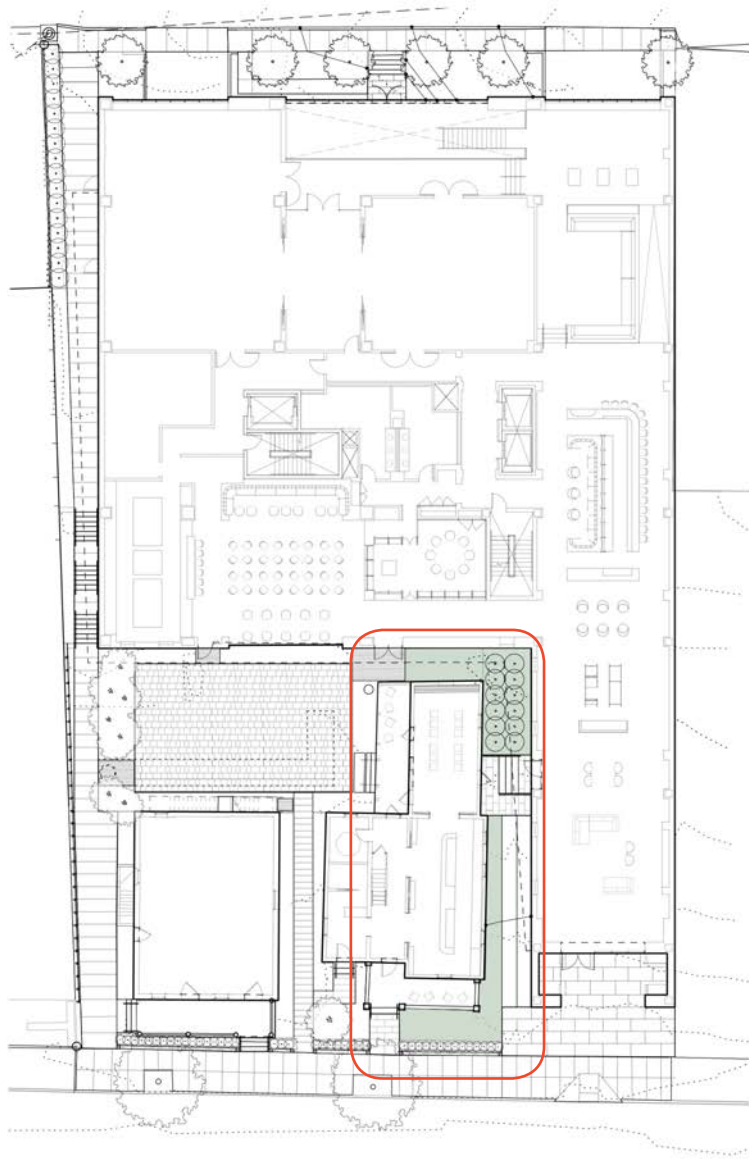


SPECIMEN TREES



California Privet
Ligustrum ovalifolium

HEDGES



Christmas Fern
Polystichum acrostichoides



Sweet White Violet (evergreen; Apr-June & Fall)
Viola odorata 'Alba'



Pennsylvania Sedge
Carex pensylvanica

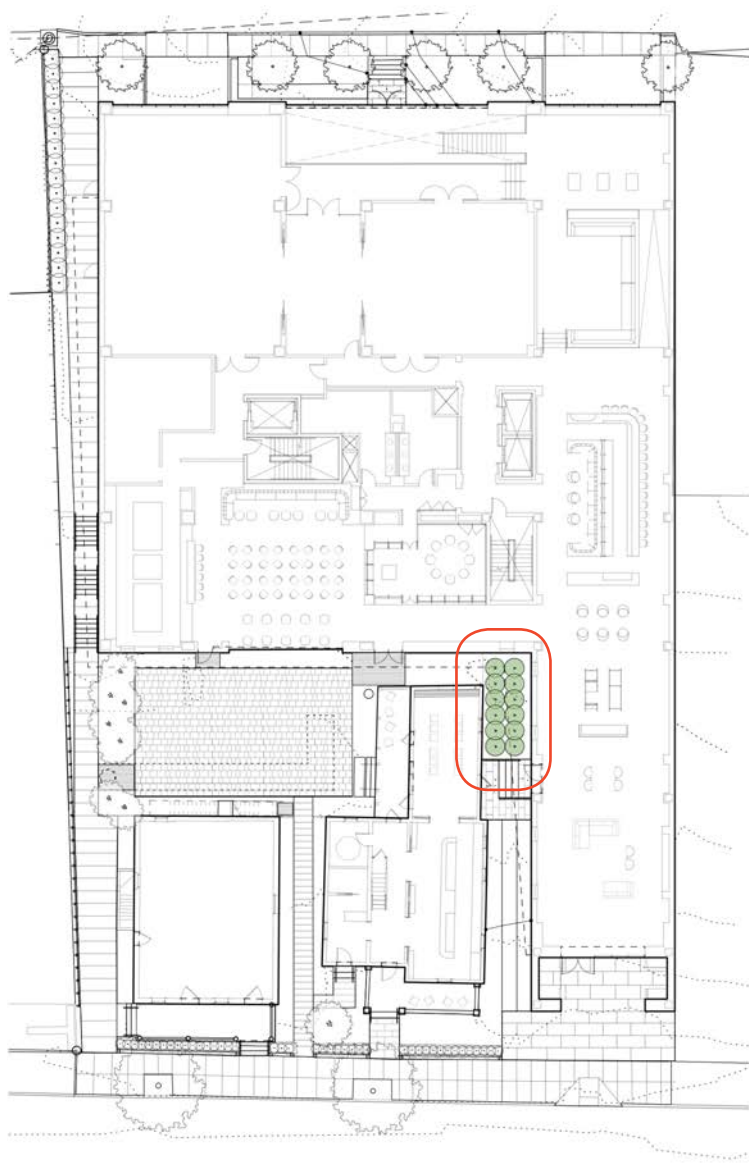


White Wood Aster (August-October)
Aster divaricatus (syn. *Eurybia divaricata*)



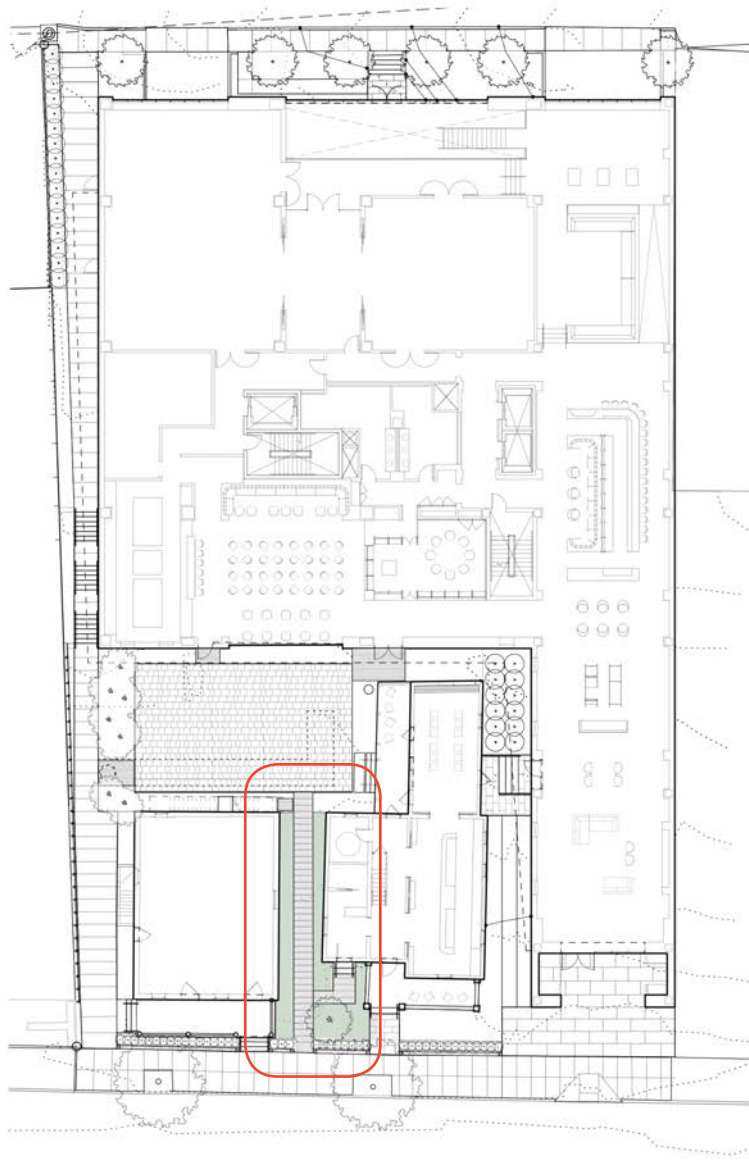
Witchalder (Apr-May)
Fothergilla gardenii

WOODLAND WALK GARDEN



Carolina allspice (April-July)
Calycanthus floridus 'Athens'

WOODLAND SHRUBS



Christmas Fern
Polystichum acrostichoides



Lenten Rose (evergreen, Feb-May)
Helleborus x hybridus 'Double Ellen White' & Helleborus niger

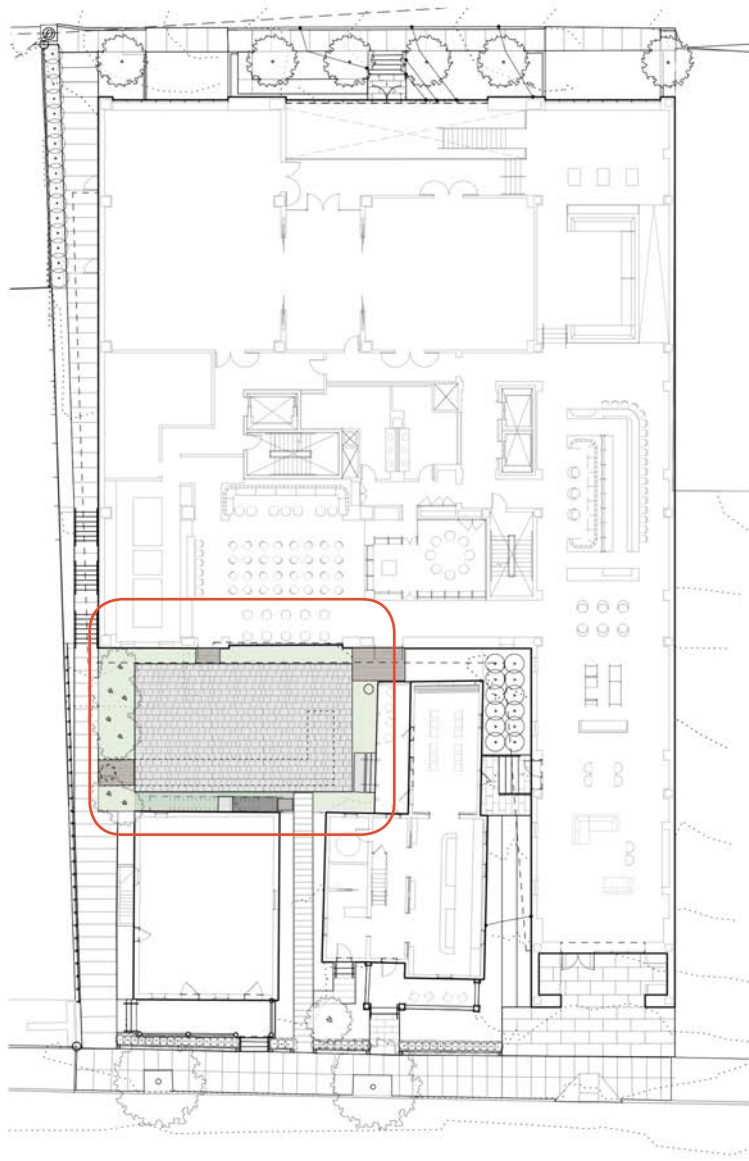


Snowdrop Windflower (Apr-June)
Anemone sylvestris



Windflower (Aug-Oct)
Anemone x hybrida 'Honorine Jobert'

GARDEN WALK



Sweet White Violet (evergreen; Apr-June & Fall)
Viola odorata 'Alba'

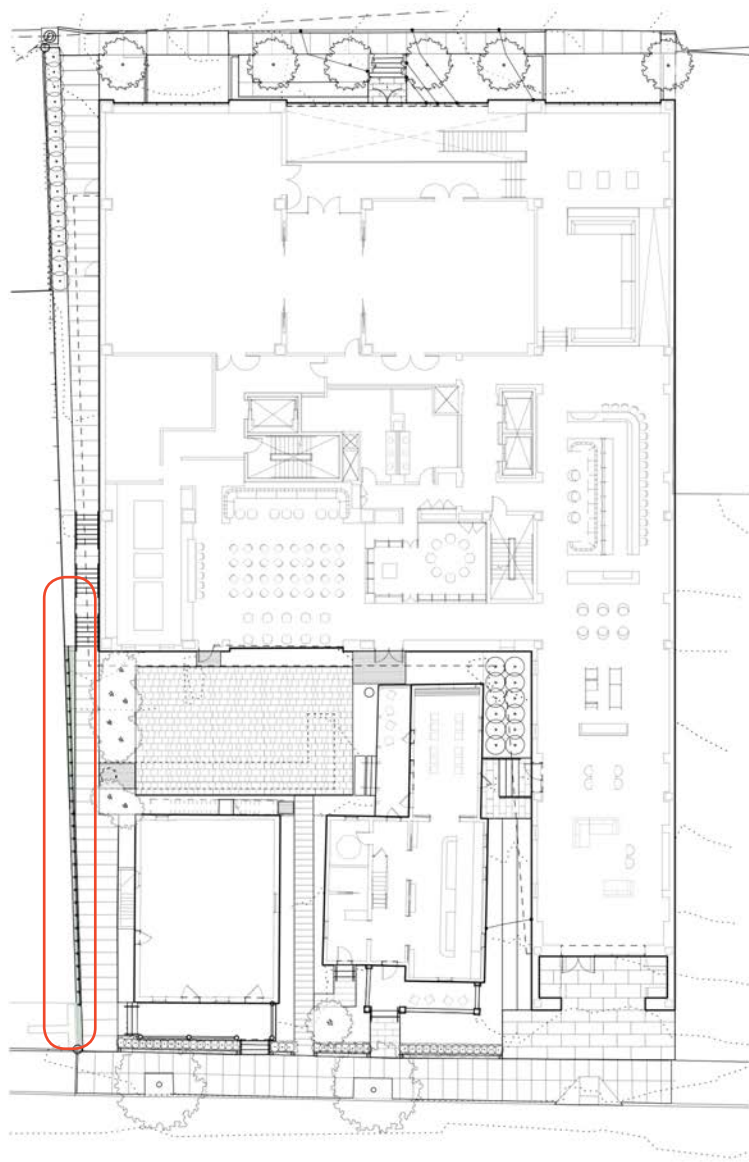


Dwarf Crested Iris (April)
Iris cristata 'Tennessee White'



Pennsylvania Sedge
Carex pensylvanica

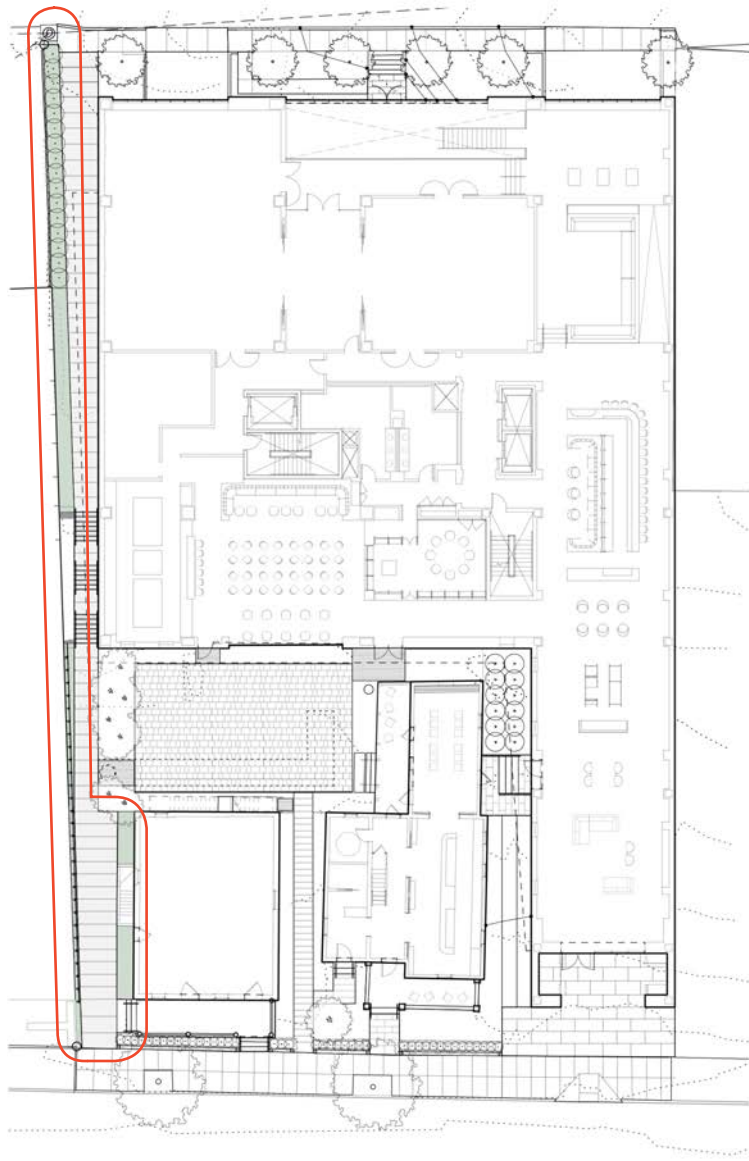
GARDEN TERRACE



Hop Vine
Humulus lupulus



VINES - SCRIM



Christmas Fern
Polystichum acrostichoides



White False Indigo (Apr-May)
Baptisia alba



Sweet White Violet (Apr-June)
Viola odorata 'Alba'

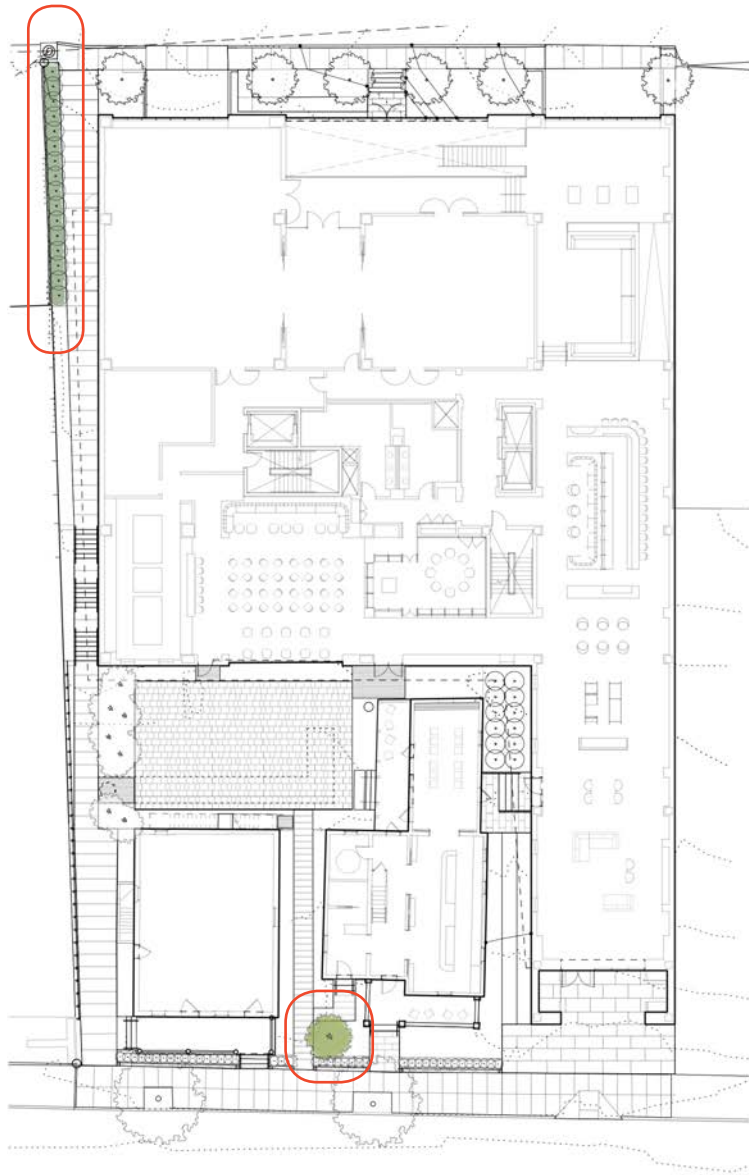


Turtlehead (blooms Aug-Oct)
Chelone glabra



Pennsylvania Sedge
Carex pensylvanica

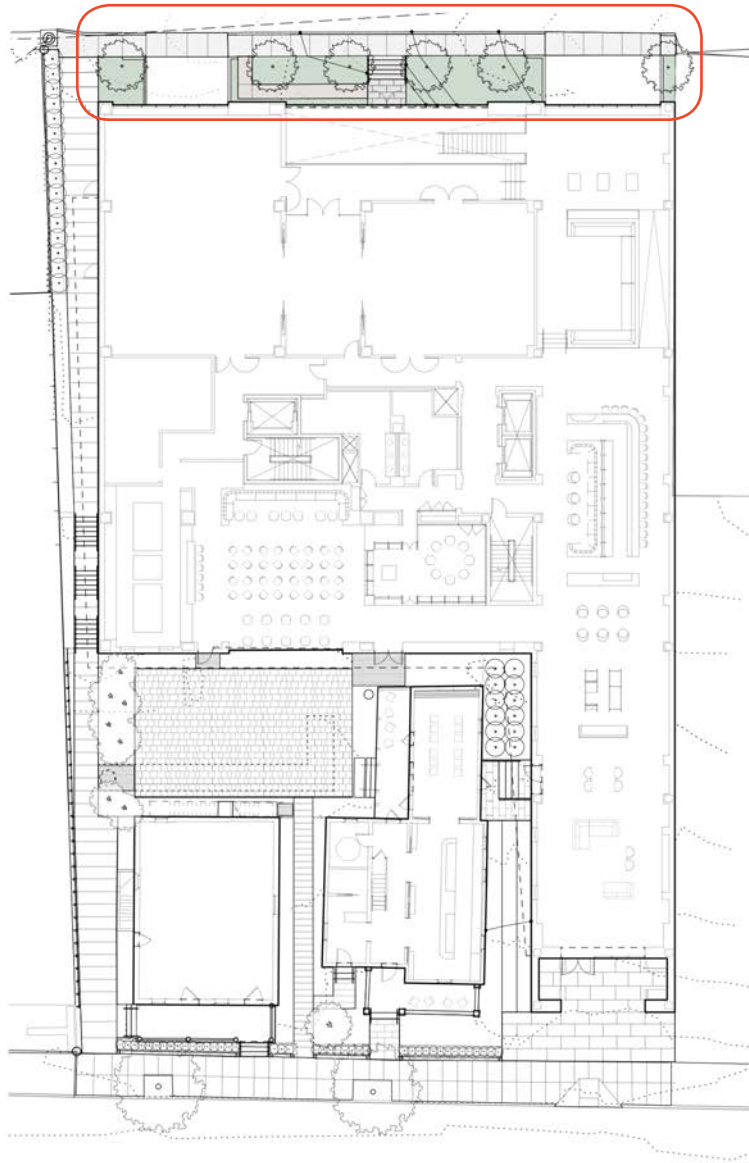
MEWS WALK



Serviceberry
Amelanchier canadensis



MEWS HEDGE AND 501 ENTRY



Sweet White Violet (evergreen; Apr-June & Fall)
Viola odorata 'Alba'

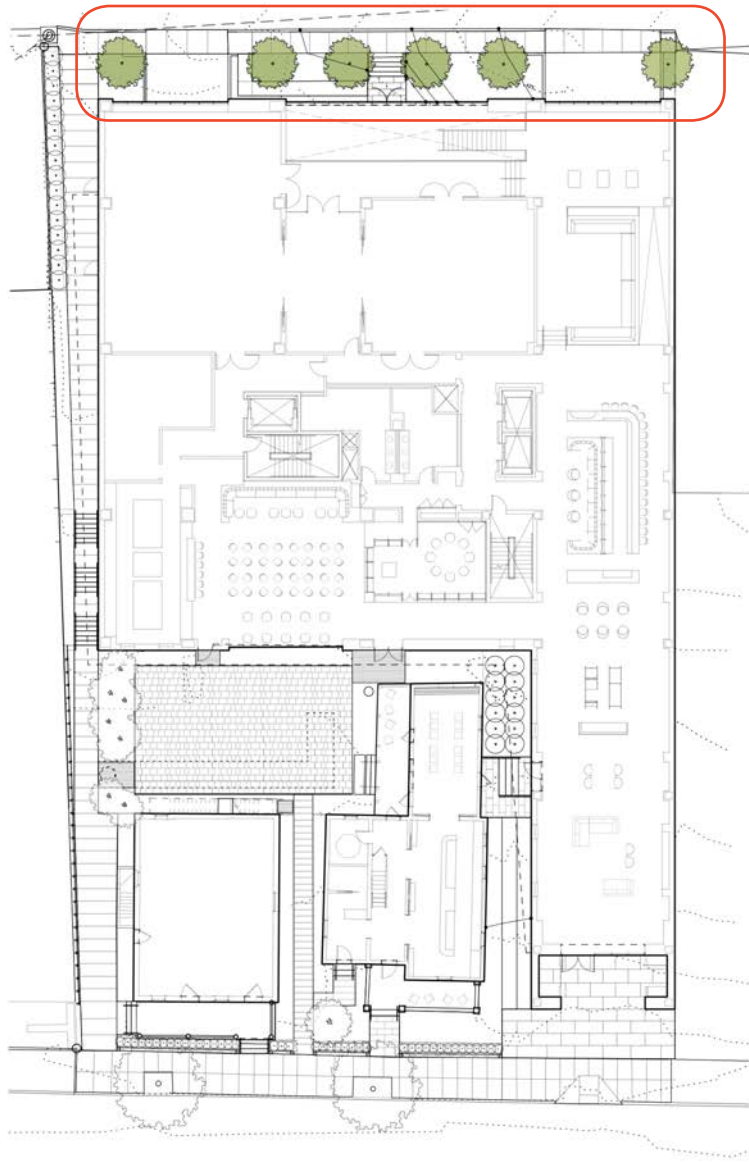


Pennsylvania Sedge
Carex pensylvanica



Snowdrop (Feb-March)
Galanthus nivalis

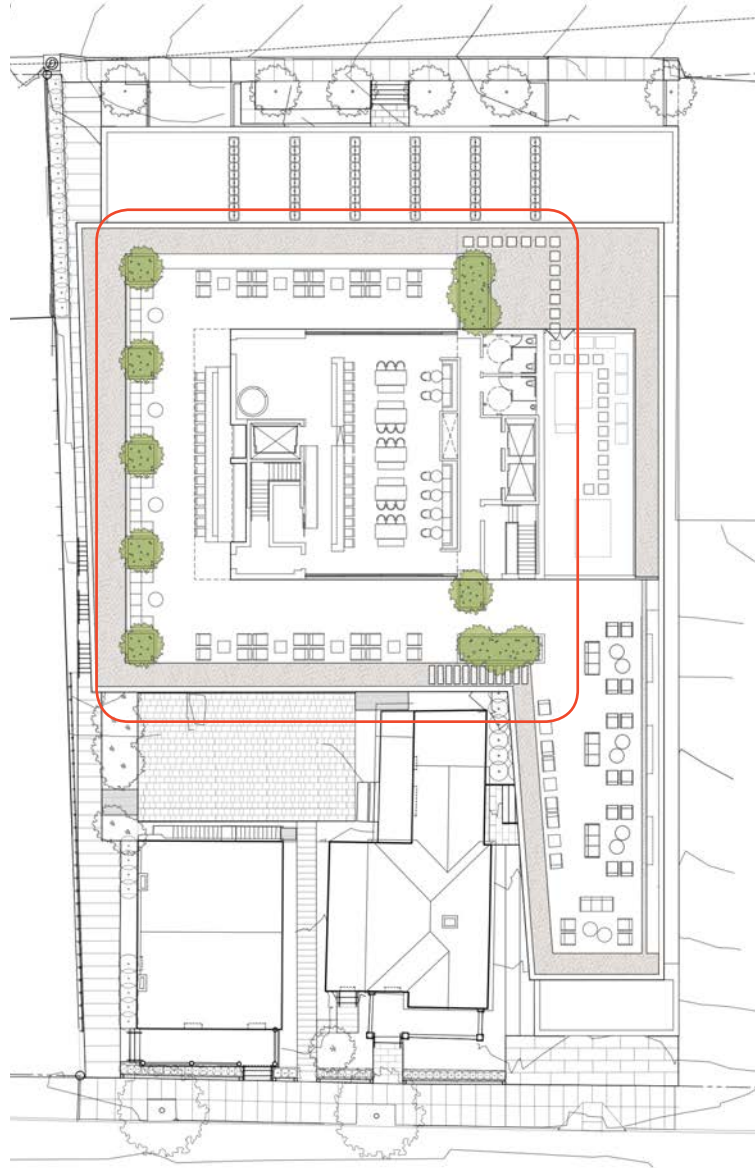
COMMERCE STREET ENTRY



Sentry Ginkgo
Ginkgo biloba 'Princeton Sentry'



STREET TREES



Smooth Sumac
Rhus glabra



Coastal Strawberry (evergreen groundcover)
Fragaria chiloensis

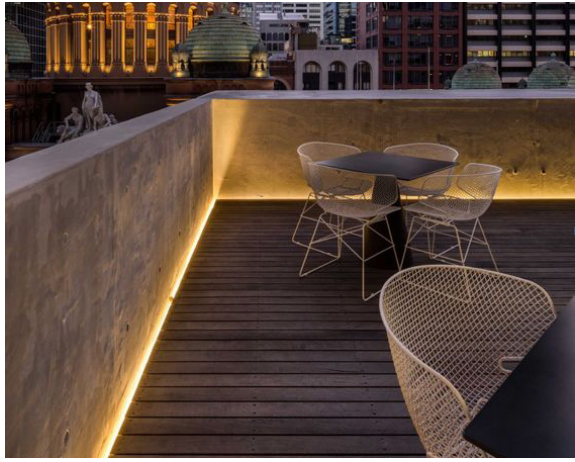
ROOFTOP TERRACE

Second Floor Guestroom Terraces Commerce Street



Hicks Yew (Taxus x media 'Hicksii')

Guestroom Terraces



Low Parapet Lighting



Hicks Yew (Taxus x media 'Hicksii')



Guestroom Terraces



Hicks Yew (Taxus x media 'Hicksii')

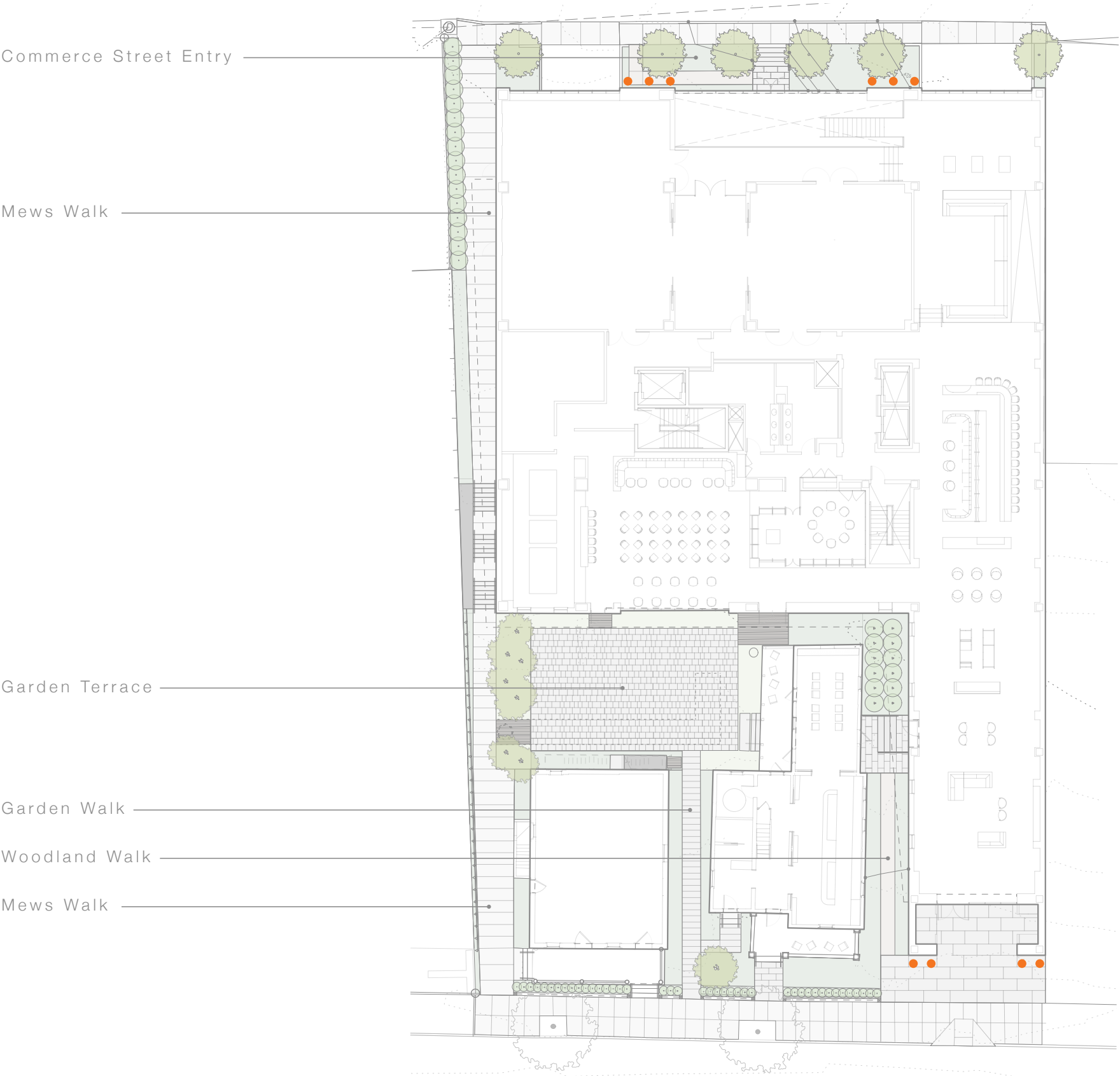


Guestroom Terraces

Site Lighting Design



LIGHTING STRATEGY FOR PRIMARY ENTRANCES



LIGHTING STRATEGY FOR PRIMARY ENTRANCES

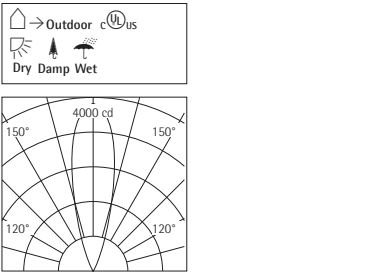

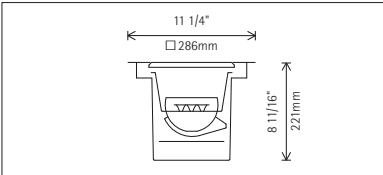

RANDY BURKETT LIGHTING DESIGN

TYPE L8

ERCO

Tesis In-ground luminaire

Directional luminaire



35138.023
LED 12W 1260lm 3000K warm white
0-10V dimmable
Version B
Covered mounting detail
Spherulit lens, flood

Product description
Housing: polymer, black.
Control gear 120V/277V, 60Hz, dimmable. Longitudinally watertight cable 5xAWG14, L 31' 11 1/2" / 800mm.
LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer. 0-30° tiltable, rotatable through ±45°.
Optical cut-off 40° from horizontal. Screw-fastened cover frame with flush safety glass: stainless steel. Safety glass: 9/16" / 15mm, clear.
Installation with separate connection sleeve.
Mounting in recessed housing: can be driven over in vehicles with pneumatic tyres. Load 11240lb.wt / 50kN.
Mounting in hollow floor: mounting kit to be ordered separately.
Dimming with external dimmers possible (0-10V).
Suitable for wet location (IP68): dust-proof.
Weight 13.98lbs / 6.34kg
Available from 2nd quarter 2017

Technical data	
Luminous flux of the luminaire	960lm
Connected load	16W
Luminaire efficacy	60lm/W
Color deviation	2 SDCM
Color rendition index	CRI>90
Lumen maintenance	L90/B10 <50000h
LED failure rate	0.1% <50000h
LMF	E
Temperature on the cover glass	90°F / 32°C

For your regional contact in the ERCO Sales network click here
www.ercosales.com/contact

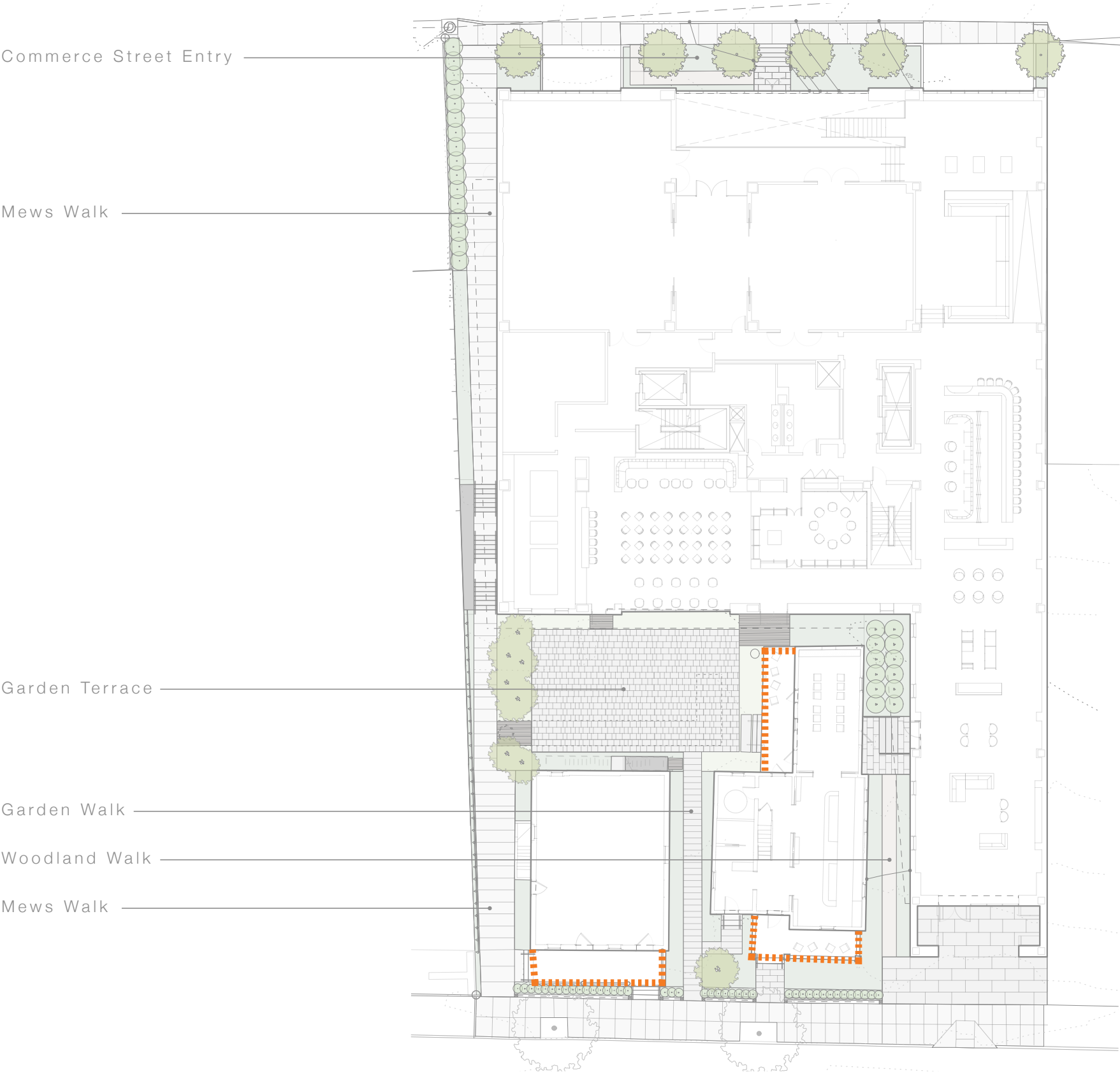
© ERCO GmbH 2017

Technical region: 120V/60Hz, 277V/60Hz
We reserve the right to make technical and design changes.
Edition: 11.04.2017
Current version under
www.ercosales.com/35138.023

1/3



501 AND 503 WEST MAIN STREET



LIGHTING STRATEGY FOR EXISTING STRUCTURES

RANDY BURKETT LIGHTING DESIGN

TYPE L20

DECOSTRING SERIES

LED / INCANDESCENT

SUSPENDED DECORATIVE STRINGLIGHT SYSTEMS

PROJECT:

TYPE:

SOCKET, WIRE & CABLE DETAILS

Decostrings are a perfect accent lighting solution to add a personal ambience to patios, courtyards, atriums, restaurants, amusement parks and any open area. The "festoon" lighting system is typically strung between two anchorage points with optional intermediary support and electrically fed from one end. The sockets can be either symmetrically spaced or randomly spaced to suit the application. Optional shades, guards and lenses complete the architectural design.

SPECIFICATIONS

LAMPHOLDER

WIRE

SUPPORT CABLE

LAMPS

ACCESSORIES

PHOTOMETRY

CERTIFICATION

Black phenolic, medium base UL weatherproof with hook for optional mounting.

12/2 G. Black flexible wire rated for 25A max, uv rated for outdoor use and long lasting.

1/16" aircraft catenary cable supports the system, 480# test. Heavier cable available.

LED and incandescent medium base A, G or S style lamps. Maximum recommended rating per socket is 80W @ 120V, 25W @ 12 and 24V. See lamp chart for lamp options.

Optional brass, aluminum and acrylic shades. Consult factory for custom shades not shown in catalog.

Bare lamp and shielded "BUG" rated IES files available. (Consult Factory)

ETL listed for wet and permanent installation. Both 120 and low voltage.

MADE IN THE USA

MAXIMUM RUNS

VOLTAGE	MAXIMUM RUNS	AMPS	EXAMPLE
120 VOLTS	2400 WATTS	20 AMPS	96 LAMPS X 25W 2400W ÷ 120V = 20A
24 VOLTS	CONSULT FACTORY		
12 VOLTS			

PART NUMBER

SERIES	SPACING	VOLTS	LAMP	SHADE-FINISH	LENGTH
DSD DECOSTRING DRY	12 12"/O/C	120 120V	SELECT FROM LAMP PAGE	OPTIONAL SELECT SHADE AND FINISH OR LEAVE BLANK	SPECIFY
DSW DECOSTRING WET	18 18"/O/C				
	24 24"/O/C				
	36 36"/O/C				
	48 48"/O/C				
	(OTHER, SPECIFY)				

3570 LEXINGTON AVE. EL MONTE, CA 91731 • PH. 626.442.4600 FAX 626.442.4900 • primuslighting.com

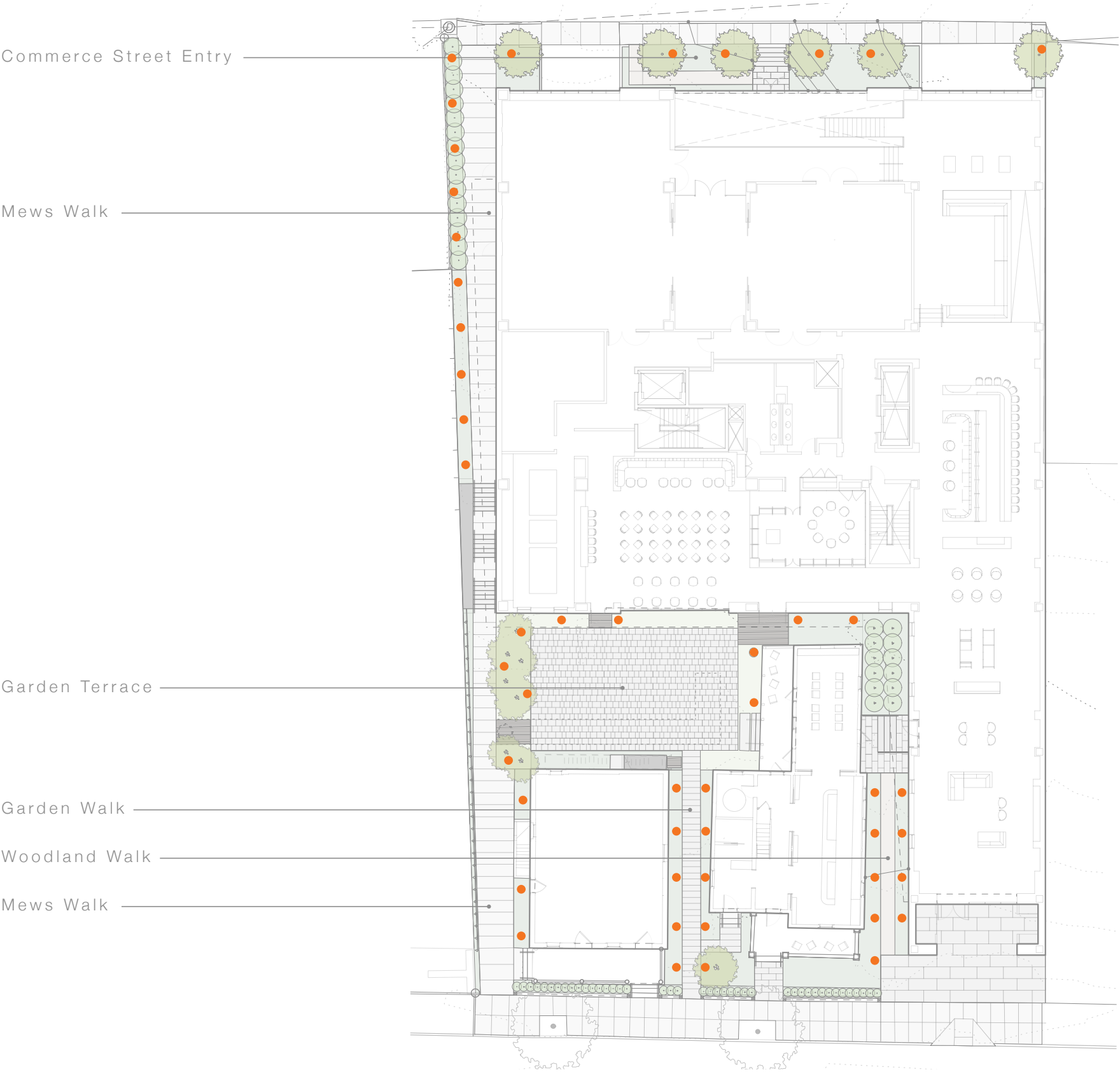
V-2
10/15



SITE PATH LIGHTING



DINING TERRACE LIGHTING



LIGHTING STRATEGIES FOR PATHS AND LANDSCAPE ELEMENTS

RANDY BURKETT LIGHTING DESIGN

TYPE L65

1300 Industrial Road, Unit #19
San Carlos, CA 94070
FREE CALL 1-866-695-5862 US & Canada
info@lumascap.com

LUMASCAPE USA INC.

LS393LED

Ingrade

humantouch
OPTIONAL

gripglass
OPTIONAL

opticleer
OPTIONAL

microantileach
OPTIONAL

CAD
OPTIONAL

Dimmable
OPTIONAL

PWM DIM
OPTIONAL

IP68

IK9

ETL
Intertek

The LS393LED is a compact ingrade option featuring a 6 W LED module with output similar to a 50 W MR16. With options for line voltage input and dimming via Lumascape d5 driver technology, this inherently protected, compact luminaire is suitable for use in many locations where MR16-based luminaires cannot be used due to heat. Internal rotation and tilt adjustability ensures the most efficient light delivery can be set according to the site conditions.

Specifications

Lamp Source

3 W or 6 W LED
□ White (4300 K typical)
□ Warm white (3000 K typical)
■ Blue (470 nm)
Other colors by request
■ RGB

Approved Use

Suitable for wet locations
Suitable for use in poured concrete
Inherently protected

Lumen Maintenance (L70)

>60,000 hrs
Limited by TM-21 x6 rule

Control Options

0-10 V (current sourcing)
PWM
On-site or factory-programmable brightness

IP Rating

IP68

Construction

316 marine grade stainless steel

Installation Types

Pre-Installation Blockout

Concrete pour, drive-over & general use applications

Direct Burial

Landscapes, planters & special applications (consult factory)

Drive-over

With OptiClear™ lens and pre-installation blockout (LS637-K or LS637-K-SP)

Static Load Rating

4400 lb (2000 kg) with OptiClear™ lens and pre-installation blockout (LS637-K or LS637-K-SP)
(Load applied to center of glass across a 2" diameter area)

Impact Rating

IK9 with OptiClear™ lens

Standard Inclusions

Teflon coated cover screws
MicroAntiLeach™ wire entry
Internal glare control louver

Accessories

LS637-K/LS637-K-SP pre-installation blockout
For other options, or U

Remote Transformers / Power Supplies

Refer to Technical Data section for application specific options
Order separately

Ambient Operating Temperature

-22 °F to 122 °F (-30 °C to +50 °C)

Surface Temperature

≤113 °F (45 °C)

Photometrics

Refer to www.lumascap.com

Any luminaire can become hot - take care with appropriate use and placement

LS393LED

with round flush cover

15°

360°

5°

C1878US 6 Sep 2013

ARCHITECTUREFIRM

Quirk Charlottesville (QRC)

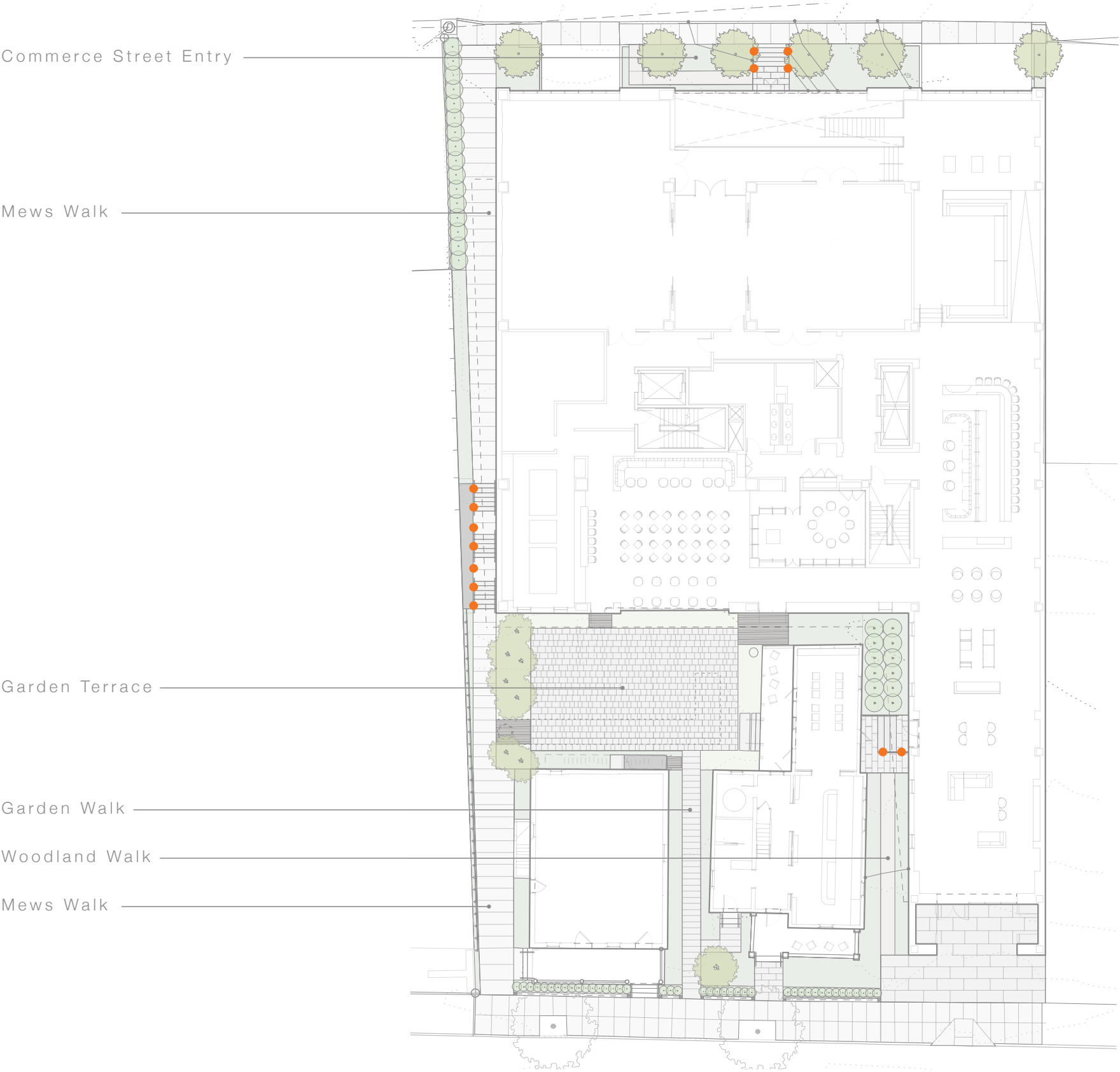
New Sheet

Page 33.1

17 October 2017



LIGHTING STRATEGIES FOR EXTERIOR STAIRS



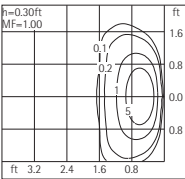
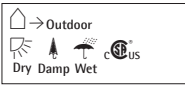

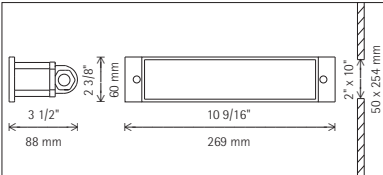

LIGHTING STRATEGIES FOR EXTERIOR STAIRS

RANDY BURKETT LIGHTING DESIGN

TYPE L47

ERCO

Axis Walklight



33733.023 Graphit m
LED 1.7W 120V AC 64lm 3000K warm white
Version 2

Product description
Housing: corrosion-resistant, cast aluminum, No-rinse surface treatment. Graphit m, double powder-coated. Mounting bracket: polymer. Clamp extension 9/32" - 25/32" / 7-20mm. 2 cable entries. Through-wiring possible. 3-pole terminal block. Asymmetric reflector lens system: aluminum, silver anodized. Optimized screening for the LEDs ensures no direct light emission. LED module. Cover frame with Softec lens: corrosion-resistant cast aluminum, graphit m double powder-coated. Suitable for wet location (IP65): dust-proof and water jet-proof. Weight 1.87lbs / 0.85kg

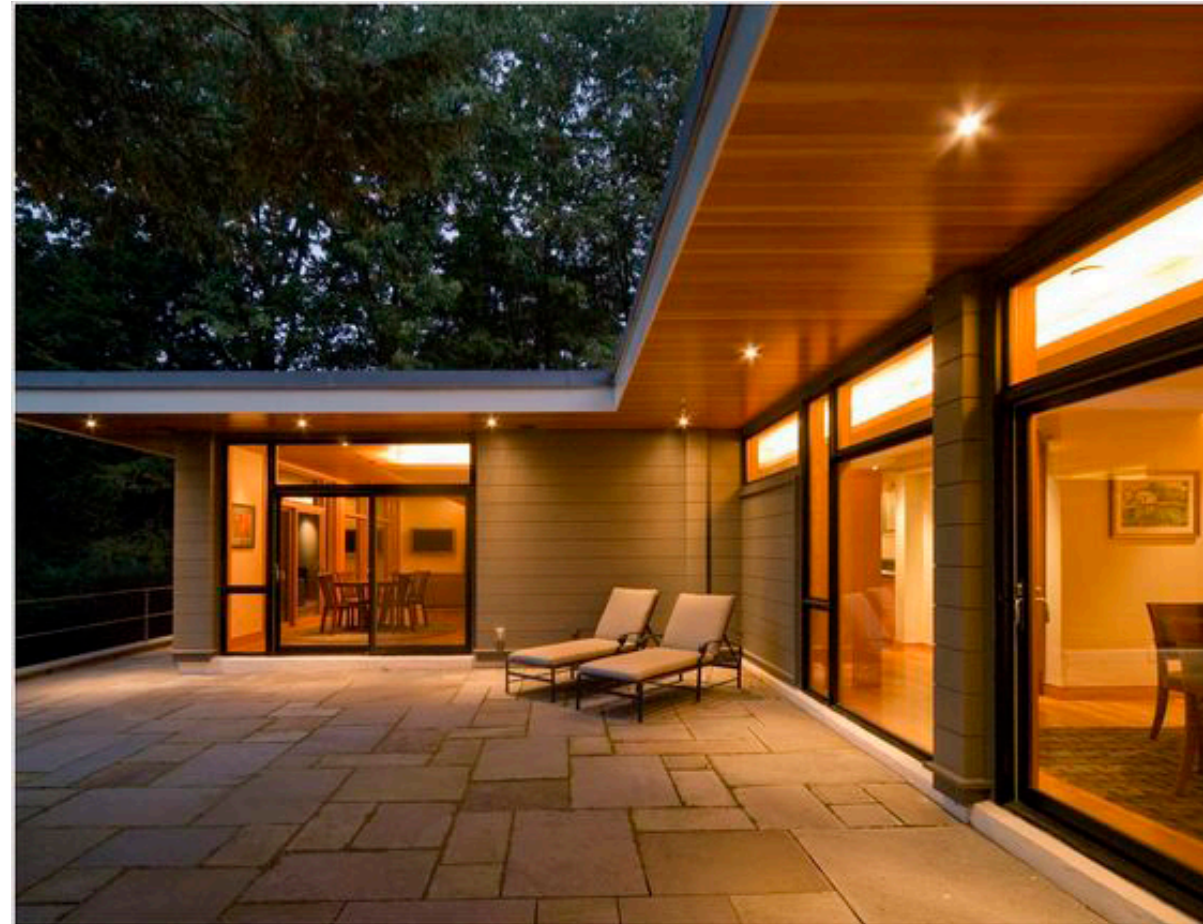
Technical data	
Luminous flux of the luminaire	16lm
Connected load	2W
Luminaire efficacy	8lm/W
Color deviation	--
Color rendition index	--
Lumen maintenance	L70/B50 ≤50000h
LED failure rate	0.1% ≤50000h
LMF	E

For your regional contact in the ERCO Sales network click here www.ercosales.com/contact

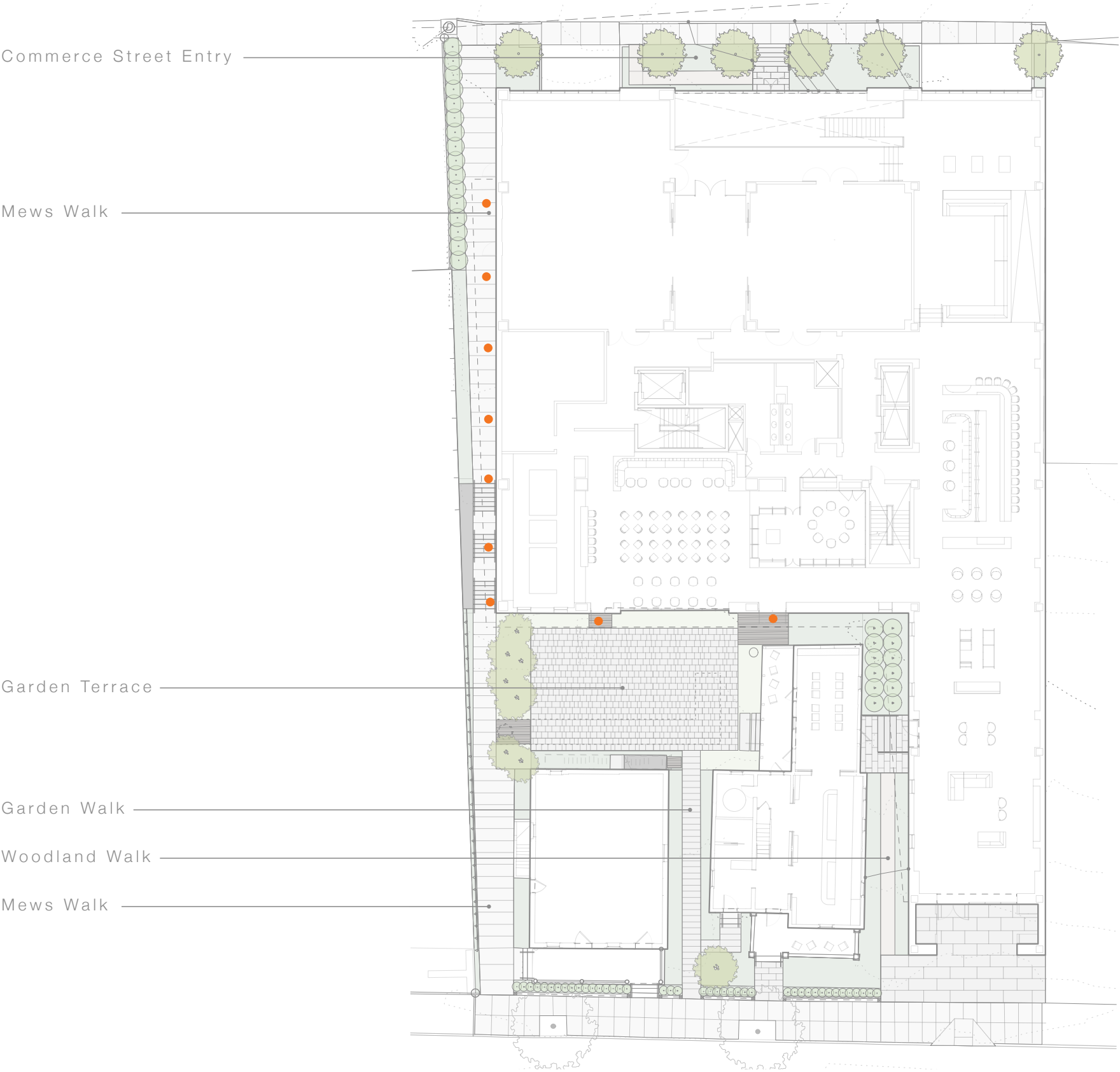
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Technical region: 120V/60Hz
We reserve the right to make technical and design changes.
Edition: 11.04.2017
Current version under www.ercosales.com/33733.023

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LIGHTING STRATEGY FOR MEWS WALK & RESTAURANT ENTRY



LIGHTING STRATEGY FOR MEWS WALK & RESTAURANT ENTRY

RANDY BURKETT LIGHTING DESIGN

TYPE L5








4" LED
FIXED DOWNLIGHT

ELEMENT
by Tech Lighting[®]
LED 5 YEAR WARRANTY

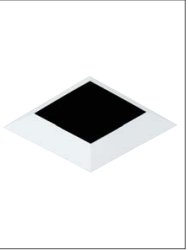
This specification grade LED downlight offers high performance with an architectural ceiling appearance. This specification grade LED downlight offers a wide selection of LED module options to address design requirements in the spaces it illuminates.

- Patented high-low lamp positioning
- Five LED module options to meet all performance requirements
- Trims are die cast aluminum and match ELEMENT 4" series
- Lensed and shower aperture includes Solite™ soft focus lens
- Includes integral junction box approved for branch circuit through wiring

SPECIFICATIONS

																	
	MAX OUTPUT	CITIZEN HIGH OUTPUT	LOW OUTPUT	CITIZEN WARM DIM HIGH OUTPUT	LOW OUTPUT	XICATO STANDARD SERIES	ARTIST SERIES	LUMENETIX WARM COLOR DIMMING	LUMENETIX PROGRAMMABLE WHITE								
DELIVERED LUMENS	3300 / 2640	3157 / 2584	2090 / 1670	2374	1320	2195	1927	1075	1075								
WATTS	32	32	18	32	18	24	25	23	23								
EFFICACY	103 / 83	99 / 81	116 / 93	74	73	91	77	29	29								
CRI	80+ / 90+	80+ / 90+	80+ / 90+	90+	90+	80+	95+	90+	90+								
CBCP	10° - 15,531 (low) 18° - 8192 25° - 6907 40° - 4517			18° - N/A 25° - N/A 40° - 2381		21° - 5346 43° - 2740 60° - 1690		21° - N/A 43° - N/A 60° - 992	21° - N/A 43° - N/A 60° - 992								
CCT OPTIONS	2700K, 3000K or 3500K			3000K-1800K Warm Dim		2700K, 3000K or 3500K***		3000K-1800K Warm Dim	1600K-4000K								
VOLTAGE	120V or 277V																
DIMMING*	TRIAC, ELV, 0-10V (Down to 5%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V or Dali (Down to 0%)							0-10V: Down to 1%	0-10V (2 sets), Bluetooth, DMX: Down to 1%								
POWER SUPPLY	Constant current: driver with +.9 power factor and +80% efficiency							24V DC Constant Voltage									
OPTICS	Field Changeable: 10°, 18°, 25°, 40° TIR			Field Changeable: 21°, 43°, 60° Reflector													
ADJUSTABILITY	High-low lamp positioning, 45° collar rotation																
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless																
CEILING APERTURE	4-1/2" ceiling cut-out																
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60																
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum																
FINISH	Housings: Black Powder Coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)																
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed. CA Title 24 compliant with 90 CRI versions, except Lumenetix models.																
LED LIFETIME	L70; 50,000 hours																
WARRANTY**	5 years																

*See ELEMENT-lighting.com for dimmer compatibility.
**Visit ELEMENT-lighting.com for specific warranty limitations and details.
***3500K Xicato module not available for Artist series.
Data in chart reflects 3000K/90 CRI values unless noted.
Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.



shown in flangeless bevel square

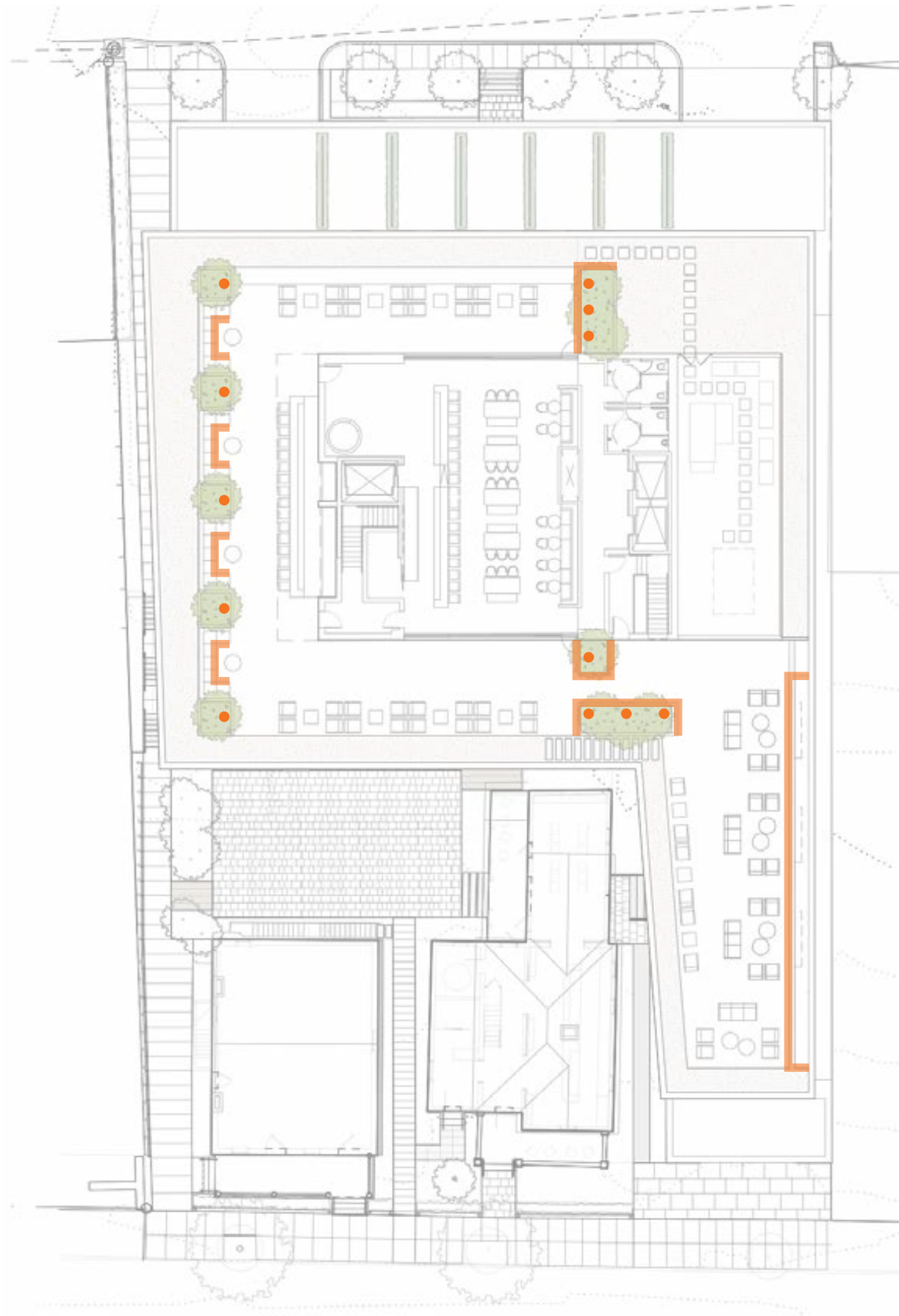
Installation

- Includes adjustable hangar bars. Includes butterfly brackets that attach to the side of the housing and are vertically adjustable with a wing nut
- Incorporates integral gunsights for positioning with laser level or string
- 45° adjustable collar rotation after installation assures square trims are perfectly aligned

ELEMENT-lighting.com



ROOFTOP TERRACE LIGHTING



LIGHTING STRATEGY FOR THE ROOFTOP BAR AND RESTAURANT

RANDY BURKETT LIGHTING DESIGN

TYPE L65

1300 Industrial Road, Unit #19
San Carlos, CA 94070
FREE CALL 1-866-695-5862 US & Canada
info@lumascap.com

LUMASCAPE USA INC.

LS393LED

Ingrade

humantouch
OPTIONAL

gripglass
OPTIONAL

opticleer
OPTIONAL

microantileach
OPTIONAL

CAD LINK
OPTIONAL

Dimmable
OPTIONAL

PWM DIM
OPTIONAL

IP68

IK9

ETL
Intertek

The LS393LED is a compact ingrade option featuring a 6 W LED module with output similar to a 50 W MR16. With options for line voltage input and dimming via Lumascape dS driver technology, this inherently protected, compact luminaire is suitable for use in many locations where MR16-based luminaires cannot be used due to heat. Internal rotation and tilt adjustability ensures the most efficient light delivery can be set according to the site conditions.

Specifications	
Lamp Source	3 W or 6 W LED □ White (4300 K typical) ■ Warm white (3000 K typical) ■ Blue (470 nm) Other colors by request ■ RGB
Approved Use	Suitable for wet locations Suitable for use in poured concrete Inherently protected
Lumen Maintenance (L70)	>60,000 hrs Limited by TM-21 x6 rule
Control Options	0-10 V (current sourcing) PWM On-site or factory-programmable brightness
IP Rating	IP68
Construction	316 marine grade stainless steel
Installation Types	Pre-Installation Blockout Concrete pour, drive-over & general use applications Direct Burial Landscapes, planters & special applications (consult factory)
Drive-over	With OptiClear™ lens and pre-installation blockout (LS637-K or LS637-K-SP)
Static Load Rating	4400 lb (2000 kg) with OptiClear™ lens and pre-installation blockout (LS637-K or LS637-K-SP) (Load applied to center of glass across a 2" diameter area)
Impact Rating	IK9 with OptiClear™ lens
Standard Inclusions	Teflon coated cover screws MicroAntiLeach™ wire entry Internal glare control louver
Accessories	LS637-K/LS637-K-SP pre-installation blockout For other options, or U
Remote Transformers / Power Supplies	Refer to Technical Data section for application specific options Order separately
Ambient Operating Temperature	-22 °F to 122 °F (-30 °C to +50 °C)
Surface Temperature	≤113 °F (45 °C)
Photometrics	Refer to www.lumascap.com

Any luminaire can become hot - take care with appropriate use and placement

www.lumascap.com

C1878US 6 Sep 2013



LS393LED
with round flush cover





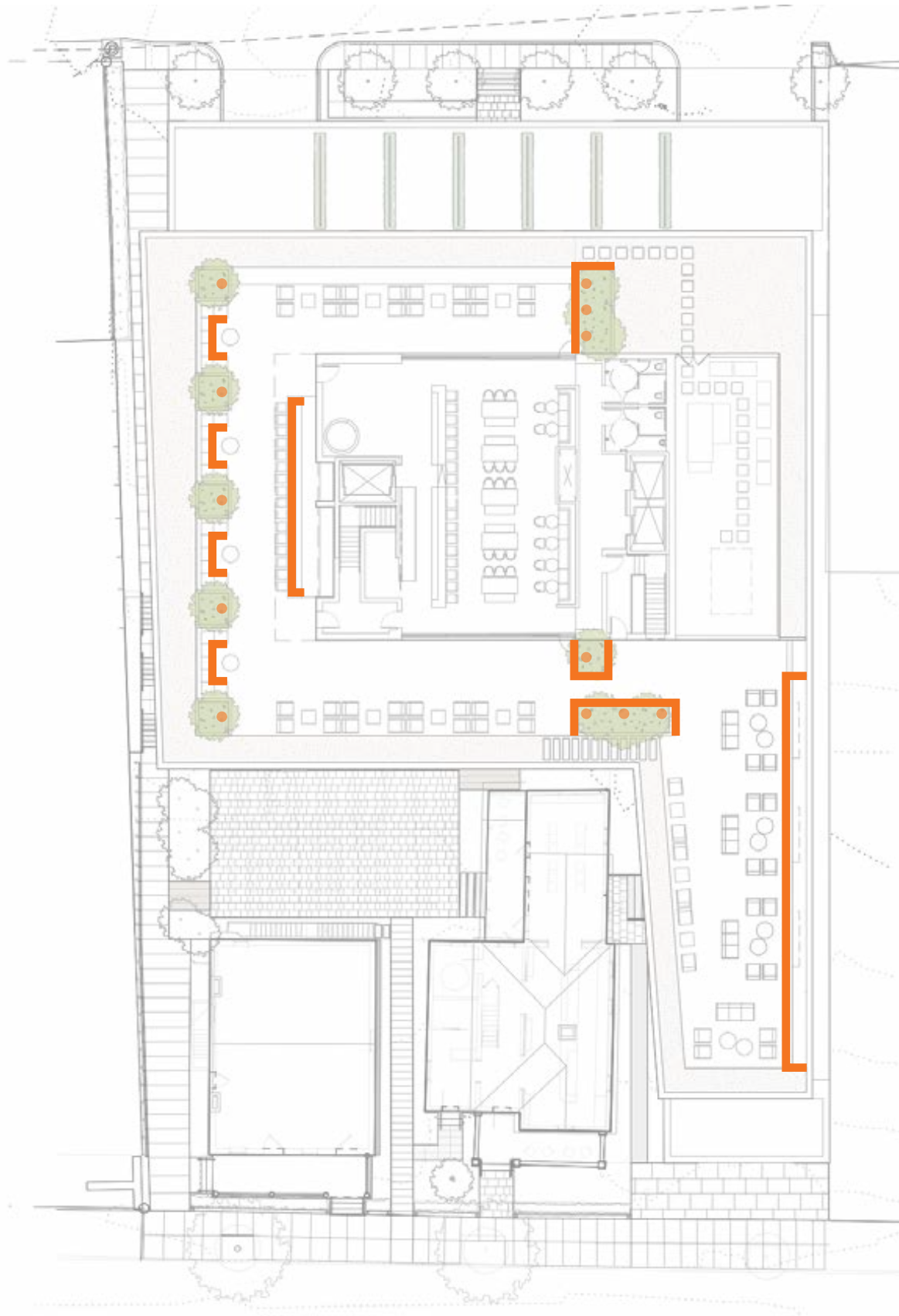
ARCHITECTUREFIRM

Quirk Charlottesville (QRC)

New Sheet

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17 October 2017



LIGHTING STRATEGY FOR THE ROOFTOP BAR AND RESTAURANT

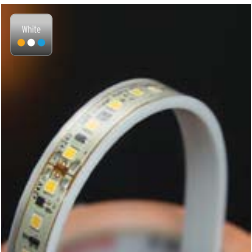
RANDY
BURKETT
LIGHTING
DESIGN

TYPE L19

Edition: July 14, 2017



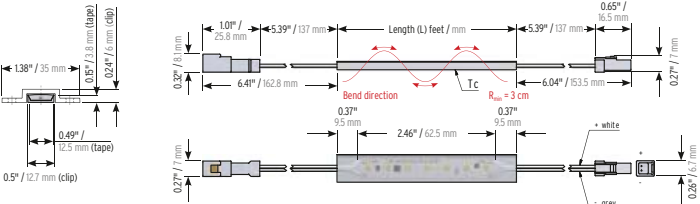
VarioLED™ Flex HYDRA HD White IP67



Project name _____
Fixture type _____ Phase _____
Specifier _____ Date _____

- ▶ up to 4.6 W/ft / 15 W/m
- ▶ up to 572 lm/ft / 1880 lm/m
- ▶ One Bin Only: 3 MacAdam
- ▶ up to CRI 95

Dimensions & available lengths

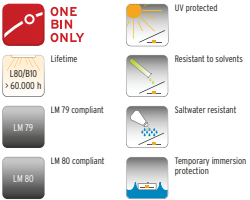


Fixture build to length:
L_{min}: 3.23' L_{max}: 16.47' (HD15: 13.39') in 2.46' increments in 62.5 mm increments
L_{min}: 82 mm L_{max}: 5,019 mm (HD15: 4,089 mm) in 62.5 mm increments

Electrical & output data

Step length	2.46"/7 LED / 62.5 mm/7 LED		
Voltage	24 Volt (23 V _{min} , 25 V _{max})		
Temperature ²	T _{case} = -13°F / -25°C, T _{max} = 158°F / 70°C		
Storage temperature	T _{store} = -22°F / -30°C, T _{max} = 185°F / 85°C		
Ambient temperature	T _{amb} = -13°F / -25°C, T _{max} = 104°F / 40°C		
VarioLED [®] Flex HYDRA			
	HD6	HD10	HD15
Power (W/ft / W/m) ¹	1.8 / 6	3.1 / 10	4.6 / 15
Efficacy (lm/W) @ W850	118	118	125
CRI	95	95	85
R9	65	65	25
max. serial run length (ft / m)	16.4 / 5	16.4 / 5	13.1 / 4
Current	1.2 A/15 mA per Step	2 A/25 mA per Step	2.56 A/40 mA per Step

Color temperature LED tape used		Final color temperature delivered for finished fixture	HD6 HD10 HD15		
			low output	high output	
			lumen/feet (lm/ft) ¹ lumen/meter (lm/m) ¹		
● W820	2000 K	2500 K	124 / 410	206 / 680	331 / 1090
● W822	2200 K	2900 K	142 / 470	237 / 780	380 / 1250
● W825	2500 K	3300 K	161 / 530	270 / 890	435 / 1430
● W827 W927	2700 K	3800 K 3600 K	145 / 480	243 / 800	459 / 1510
● W830 W930	3000 K	4300 K 4300 K	148 / 490	246 / 810	487 / 1600
● W835 W935	3500 K	5100 K 4900 K	151 / 500	252 / 830	514 / 1690
● W840 W940	4000 K	6000 K 6600 K	154 / 510	261 / 860	523 / 1720
● W850	5000 K	9600 K	215 / 710	359 / 1180	572 / 1880



¹ The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

² The position of the Tc-point is marked on each step of the LED strip. The Tc-point should be measured in thermal equilibrium according to IEC EN 60598-1.

For more details regarding changes, min and max data sheet values and production tolerances please see specification catalogue 2016/2017.

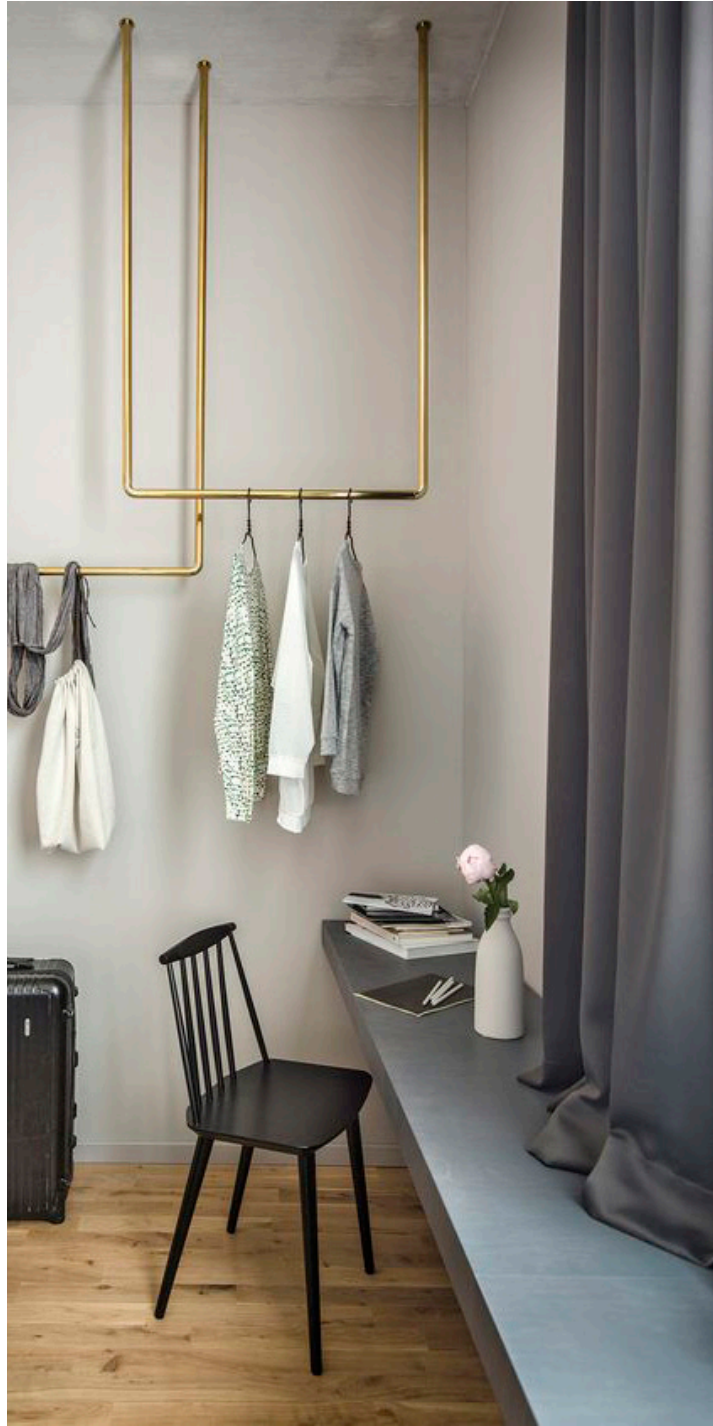
LED Linear™ GmbH

Safety and assembly information please see specification catalogue 2016/2017.

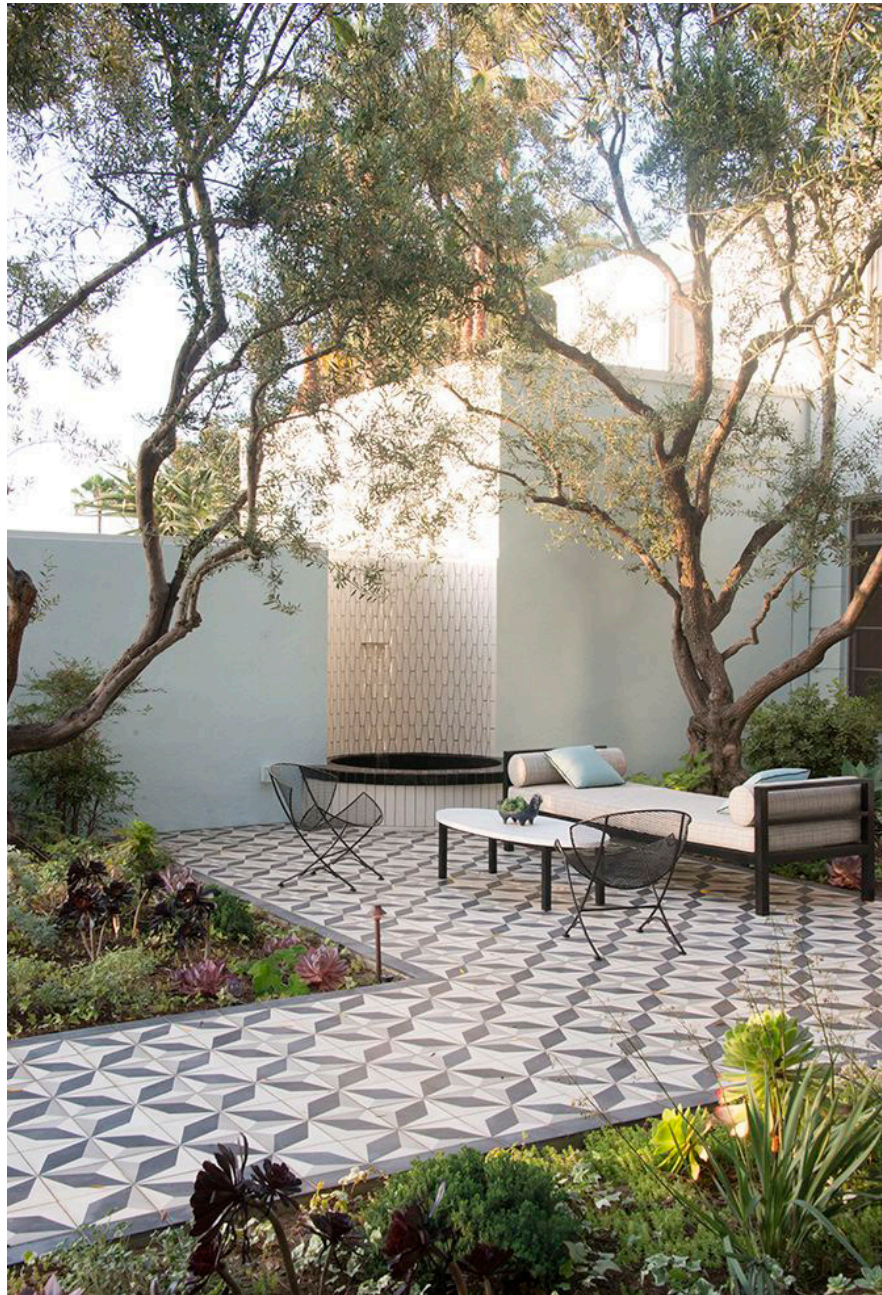
Interior Design Update



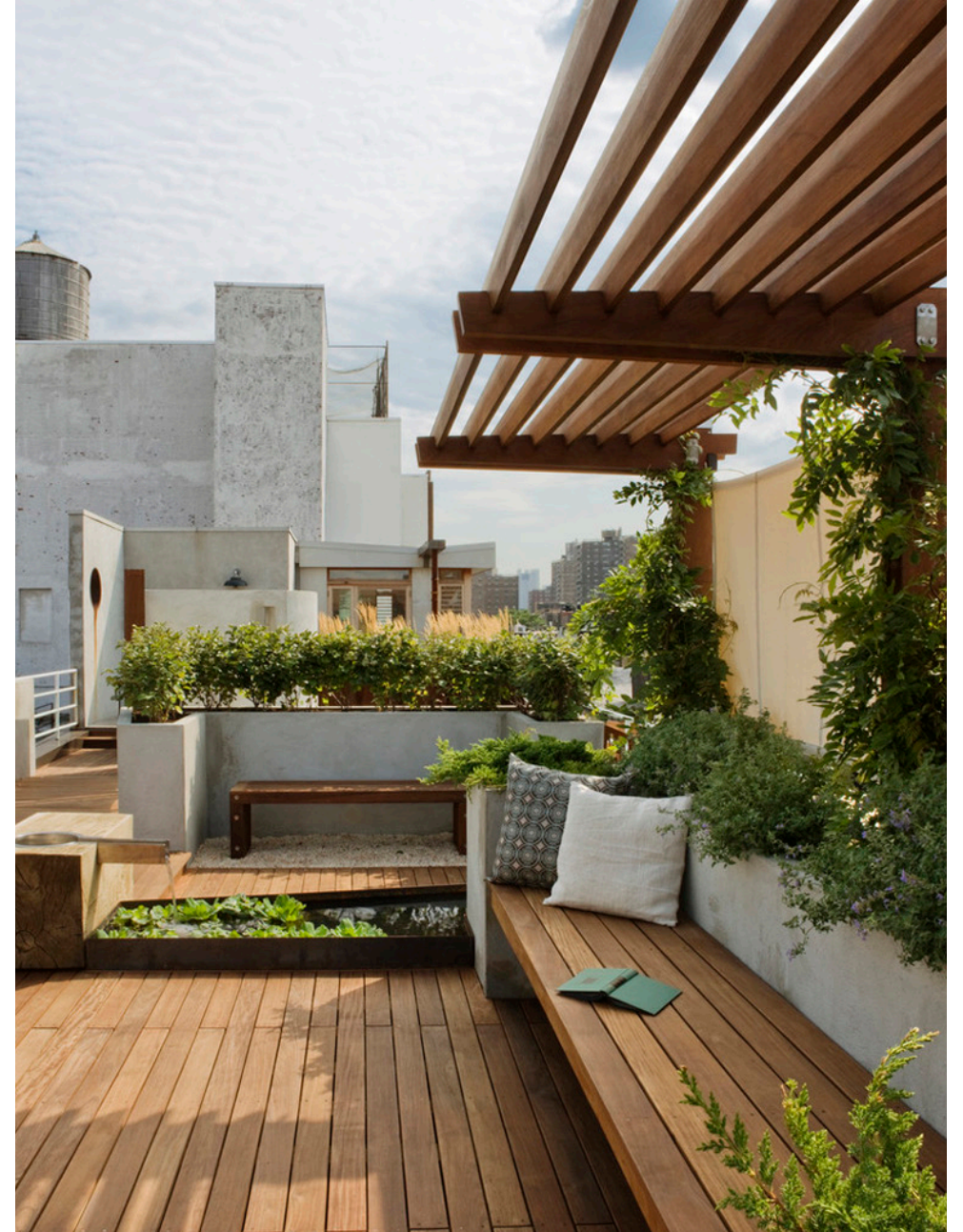
Design Precedent



Design Precedent



Design Precedent



Design Precedent

Lobby | Restaurant | Gallery



Hotel Lobby



Hotel Lobby



Hotel Lobby



Hotel Lobby



Commerce Street Elevation



Ballroom Entrance



Ballroom



Ground Level Dining Terrace

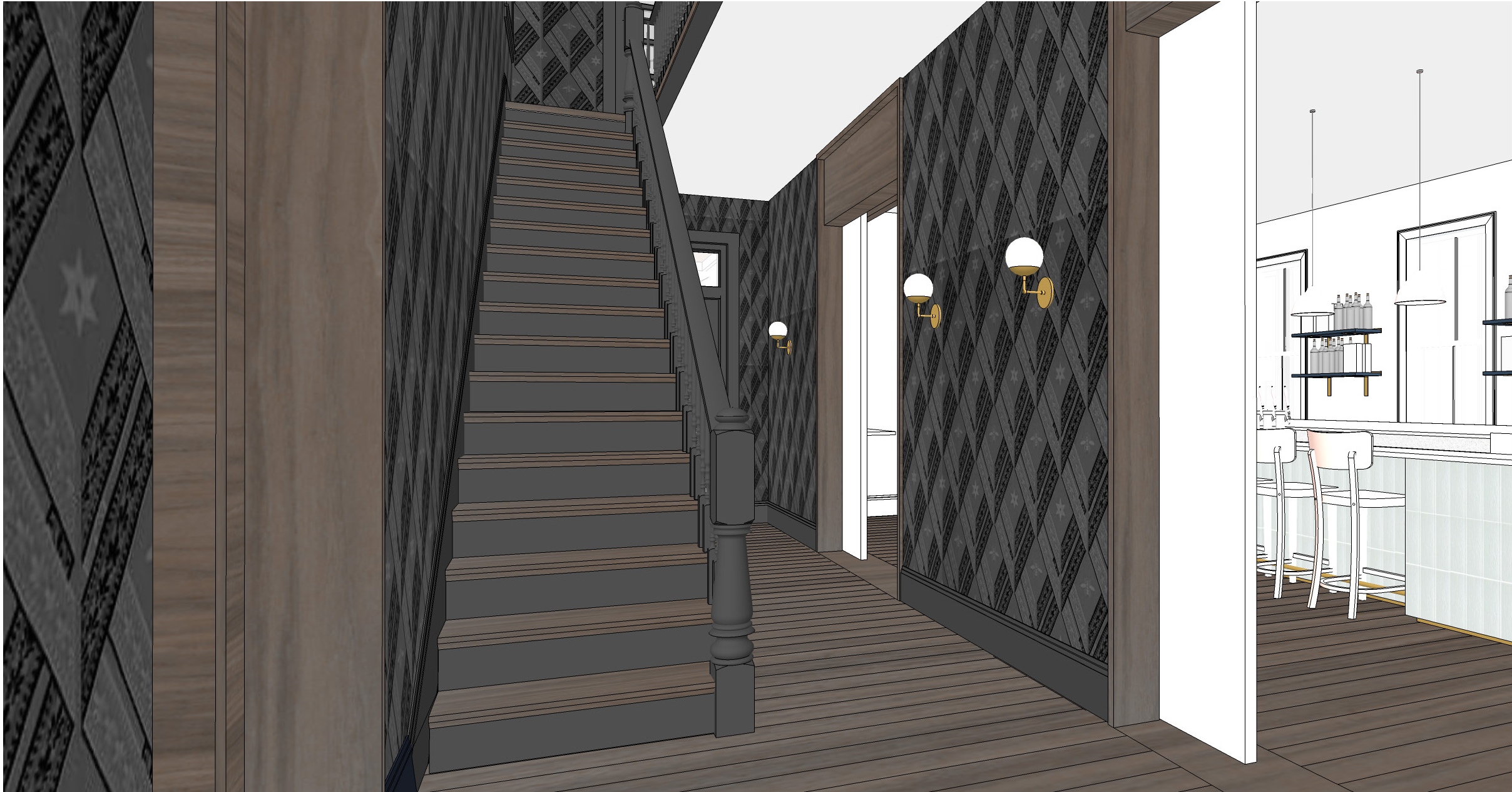


Hotel Restaurant

Coffee Shop | Whisky Lounge



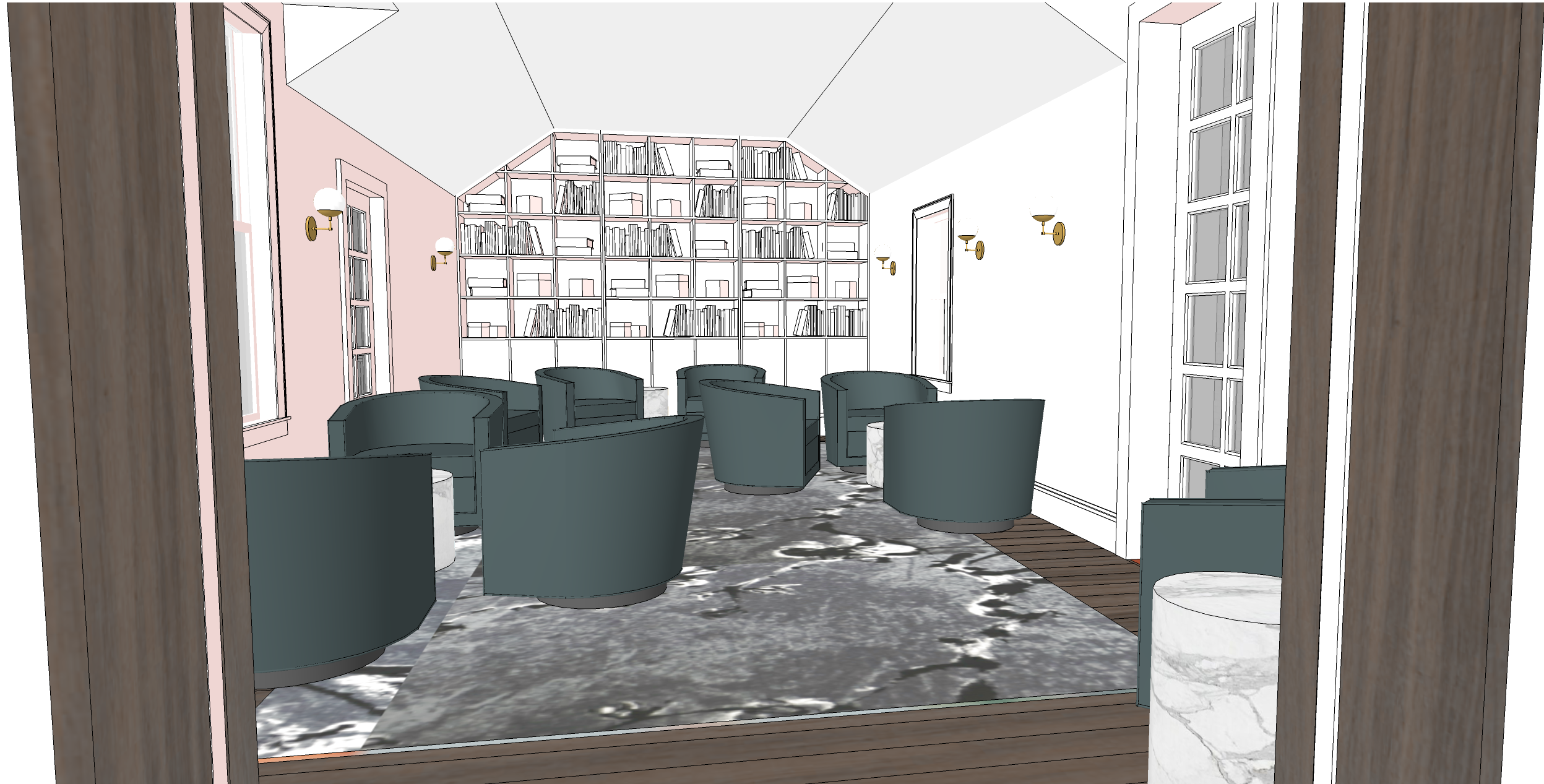
501 West Main Street - Coffee Bar and Whisky Lounge



Coffee Shop



Coffee Shop

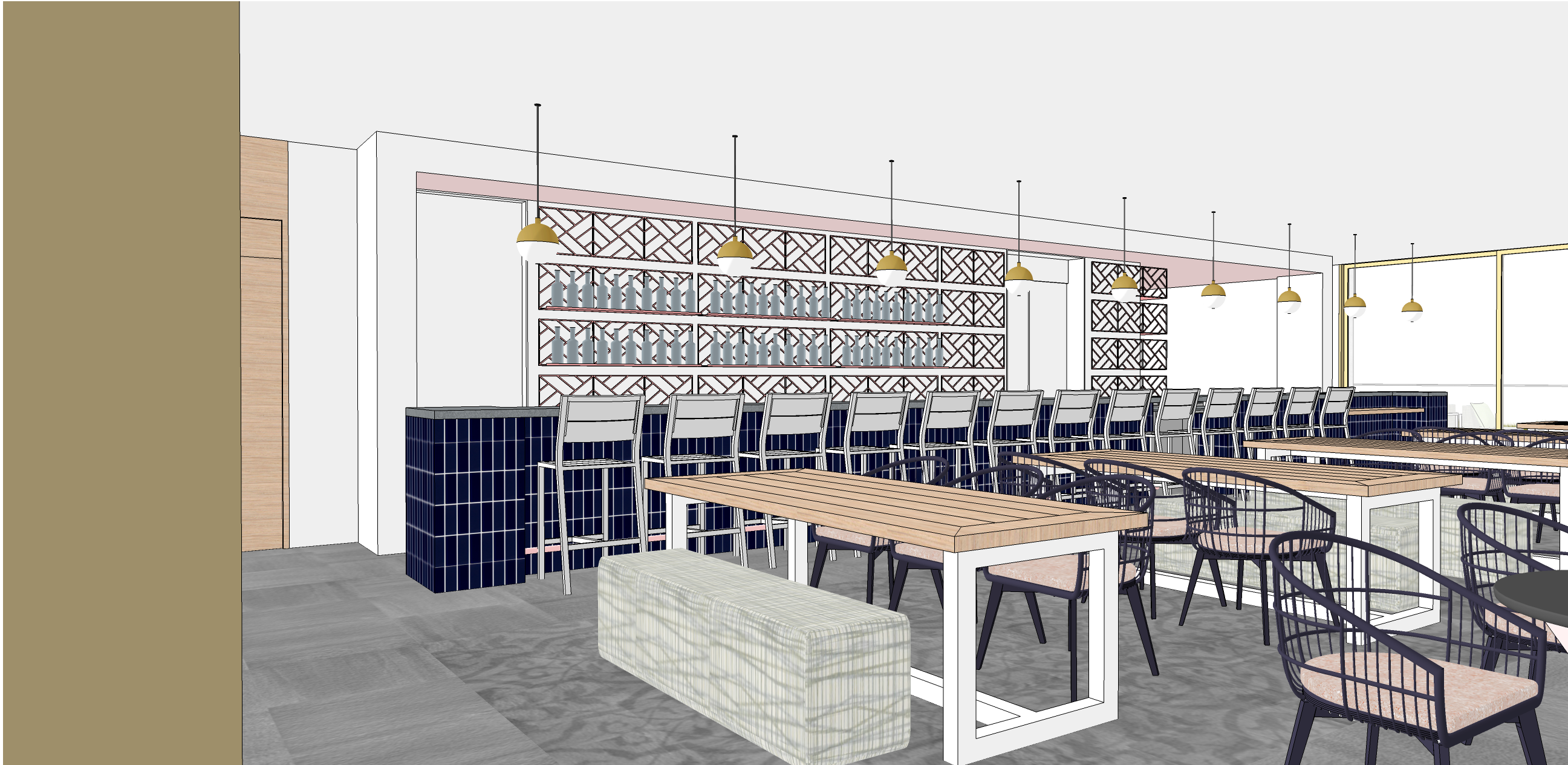


Coffee Shop



Whisky Lounge

Rooftop Restaurant



Rooftop Restaurant



Rooftop Restaurant



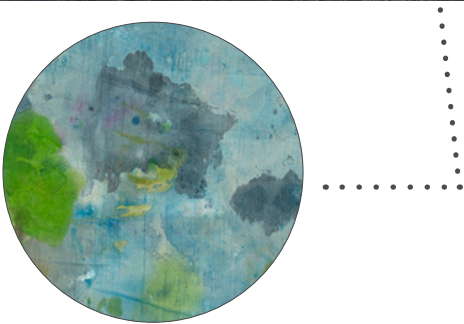
Rooftop Terrace



Rooftop Terrace

Guestrooms

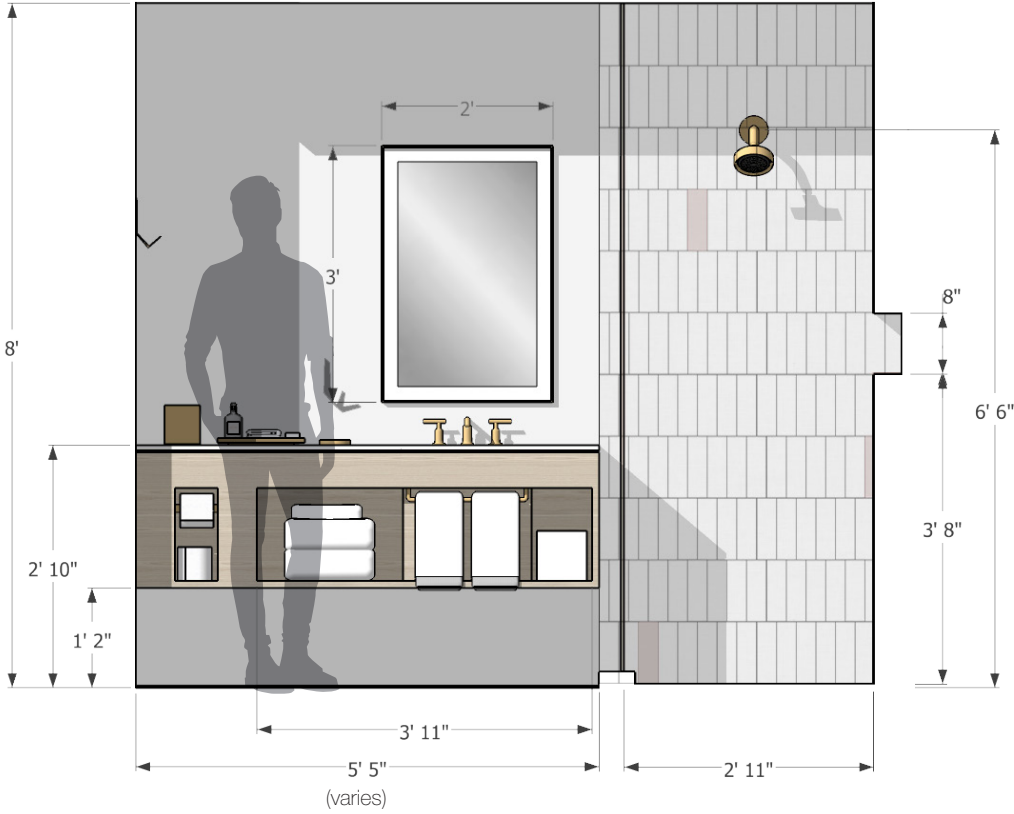
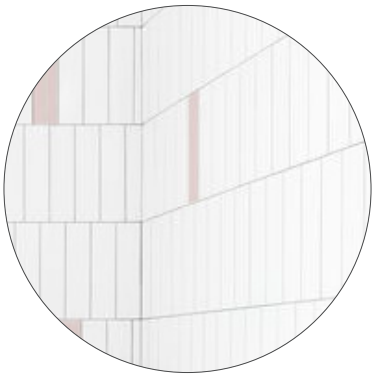
GUESTROOM | KING



BATHROOM LAYOUT | TYPE B
COLOR ACCENT



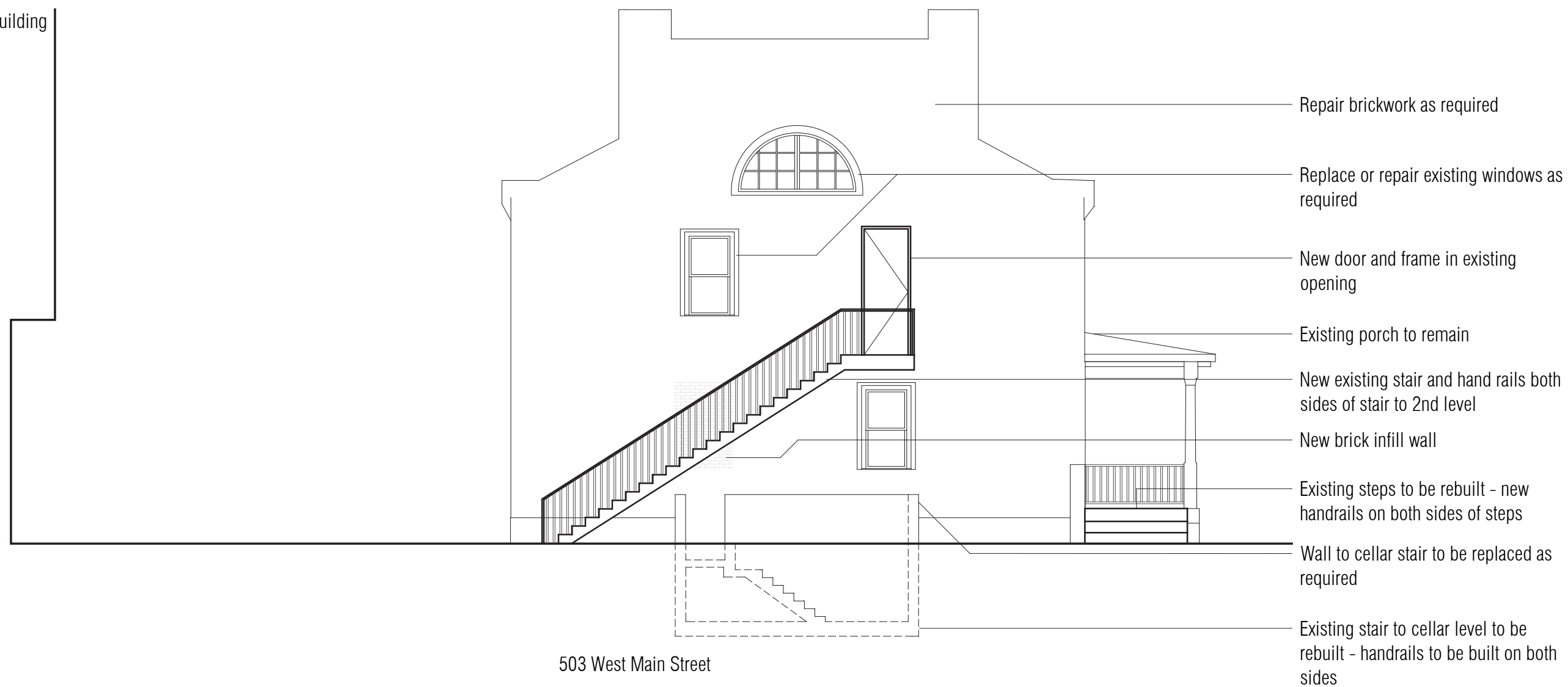
Plan Axon
not to scale



Sink Elevation
not to scale

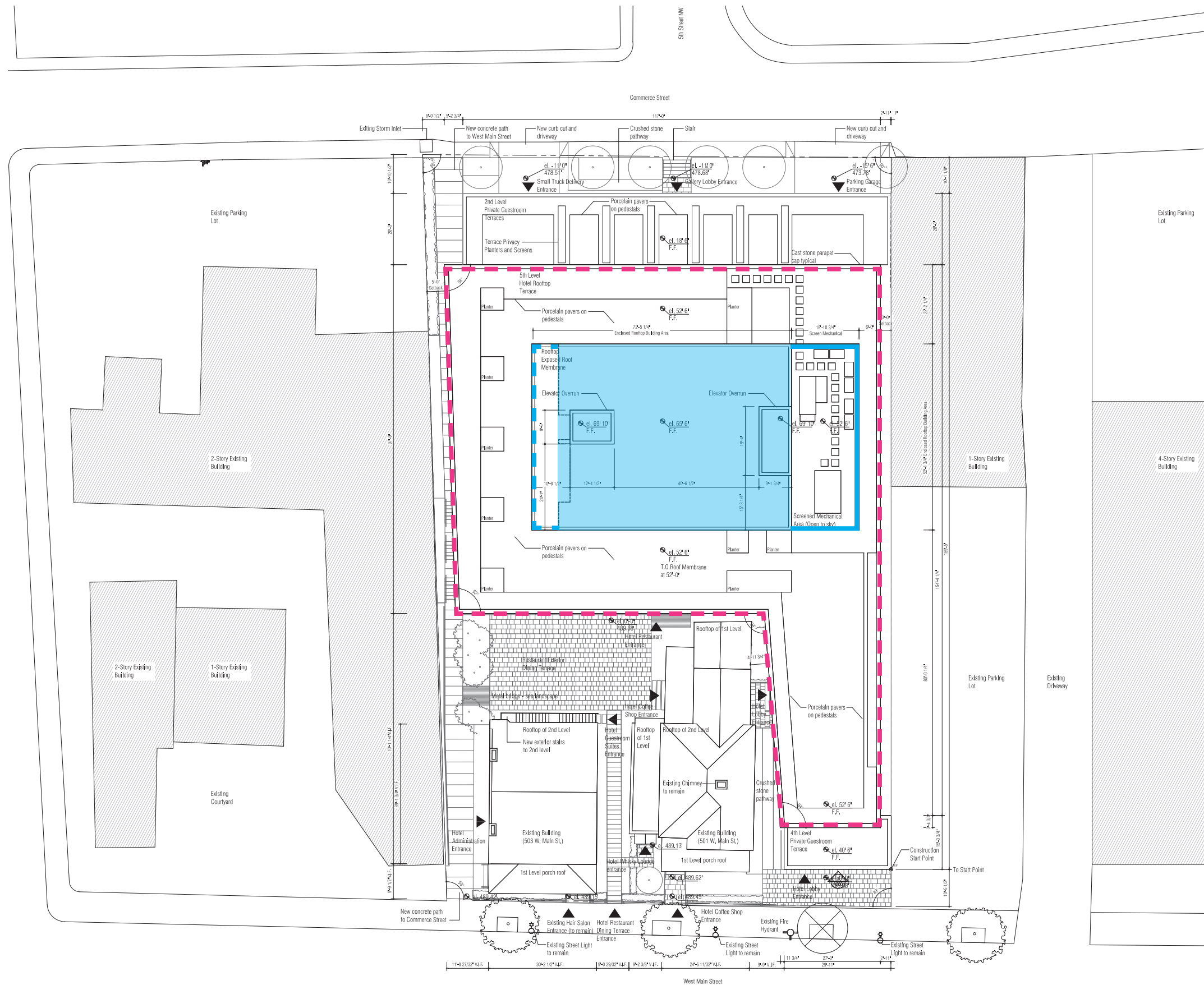
Appendix

New Building



503 WEST MAIN STREET PREVIOUS EXTERIOR STAIR LOCATION

Dimensioned Site Plan with Rooftop Area Calculations

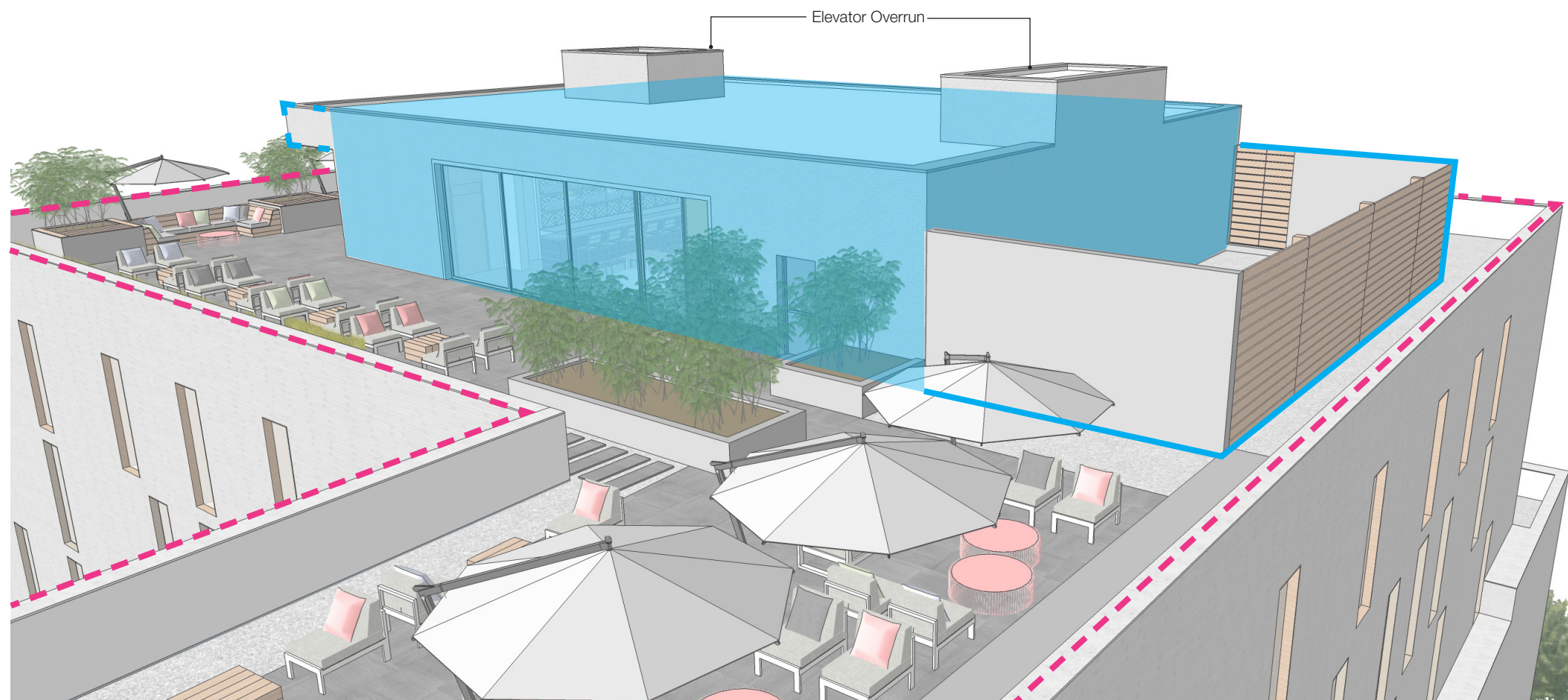


SITE ROOFTOP PLAN



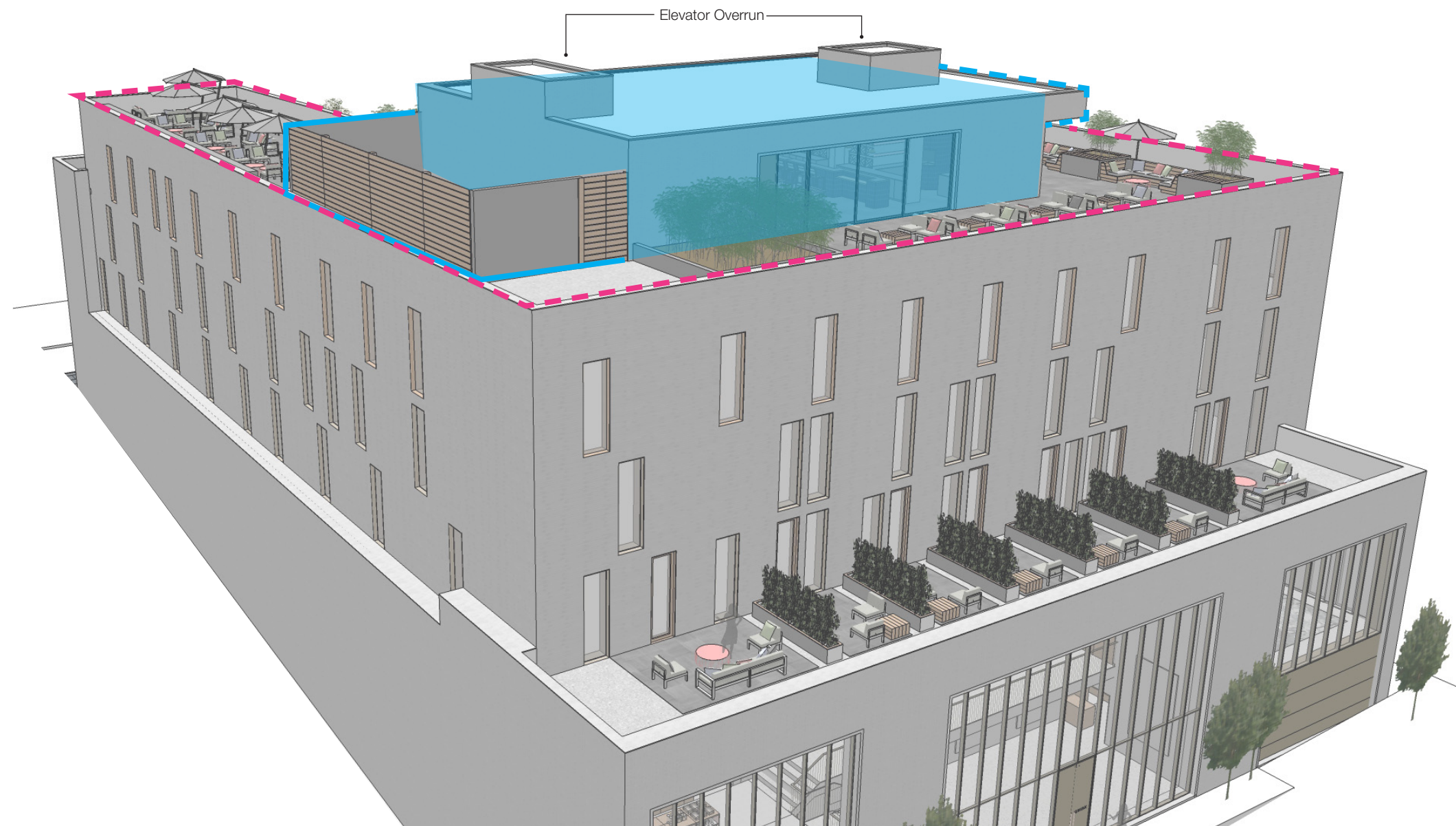
- - - Total Roof Area
- Rooftop Enclosed Structure
- - - Cantilever over Exterior Bar
- Open-Air Mechanical Area with Screen Walls

ROOFTOP 3D VIEWS



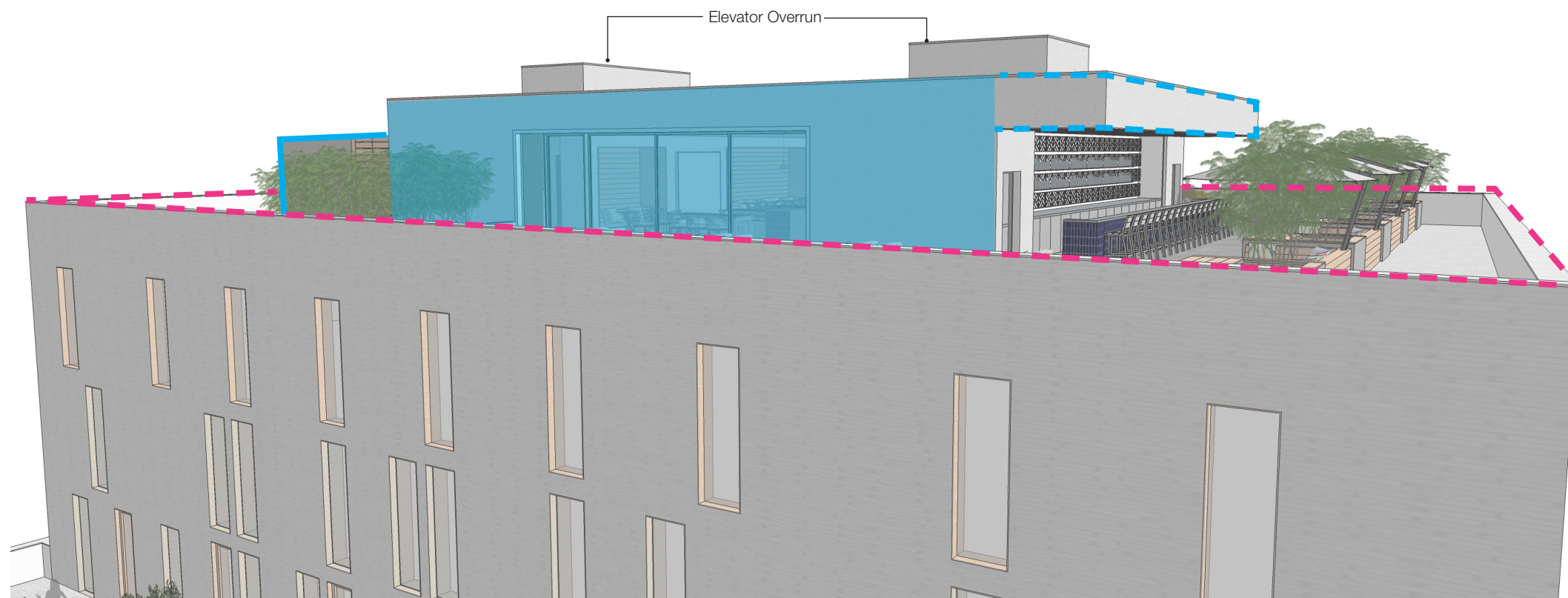
- - - Total Roof Area
- Rooftop Enclosed Structure
- - - Cantilever over Exterior Bar
- Open-Air Mechanical Area with Screen Walls

ROOFTOP 3D VIEWS



- - - Total Roof Area
- Rooftop Enclosed Structure
- - - Cantilever over Exterior Bar
- Open-Air Mechanical Area with Screen Walls

ROOFTOP 3D VIEWS



- - - Total Roof Area
- Rooftop Enclosed Structure
- - - Cantilever over Exterior Bar
- Open-Air Mechanical Area with Screen Walls

ROOFTOP 3D VIEWS

Building Massing in Site Context

1 Perspective of West Main Street Elevation (South)



2 Perspective of Commerce Street Elevation (North)



3 Perspective from Southwest



4 Perspective from Southeast



5 Perspective from Northeast



6 Perspective from Northwest



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

Views are for basic massing ONLY. Elevations, materials, window locations, etc. should be verified by looking at actual drawings.

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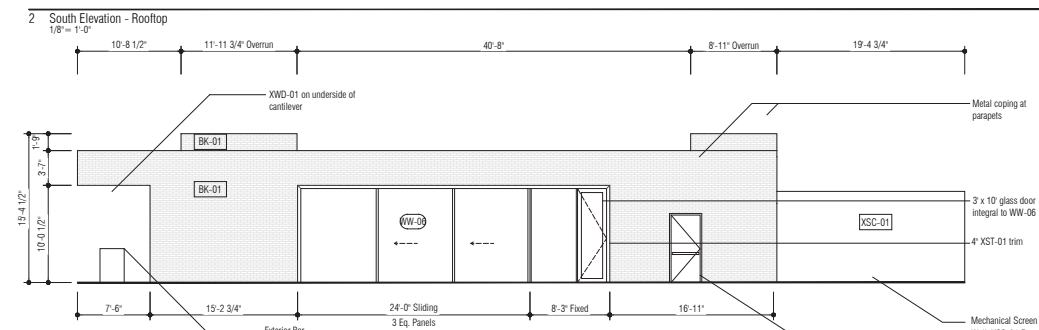
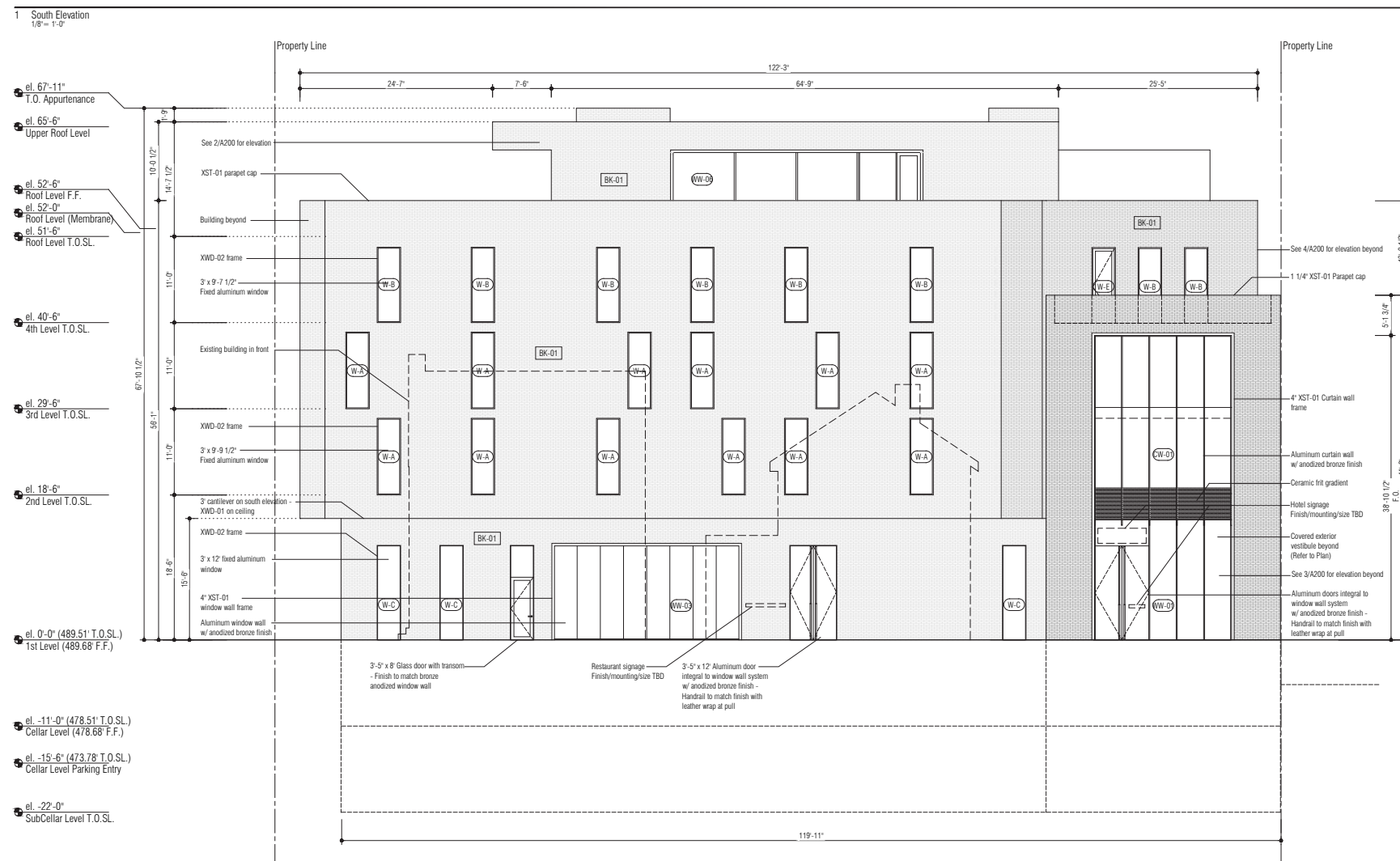
Quirk Charlottesville
Charlottesville, VA

Issue: 100% DD Submission
Date: 12 October 2017
Scale:

Building Perspectives

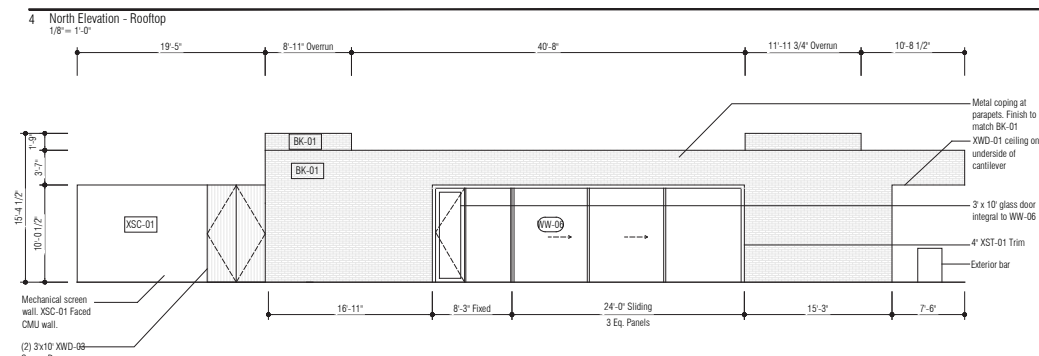
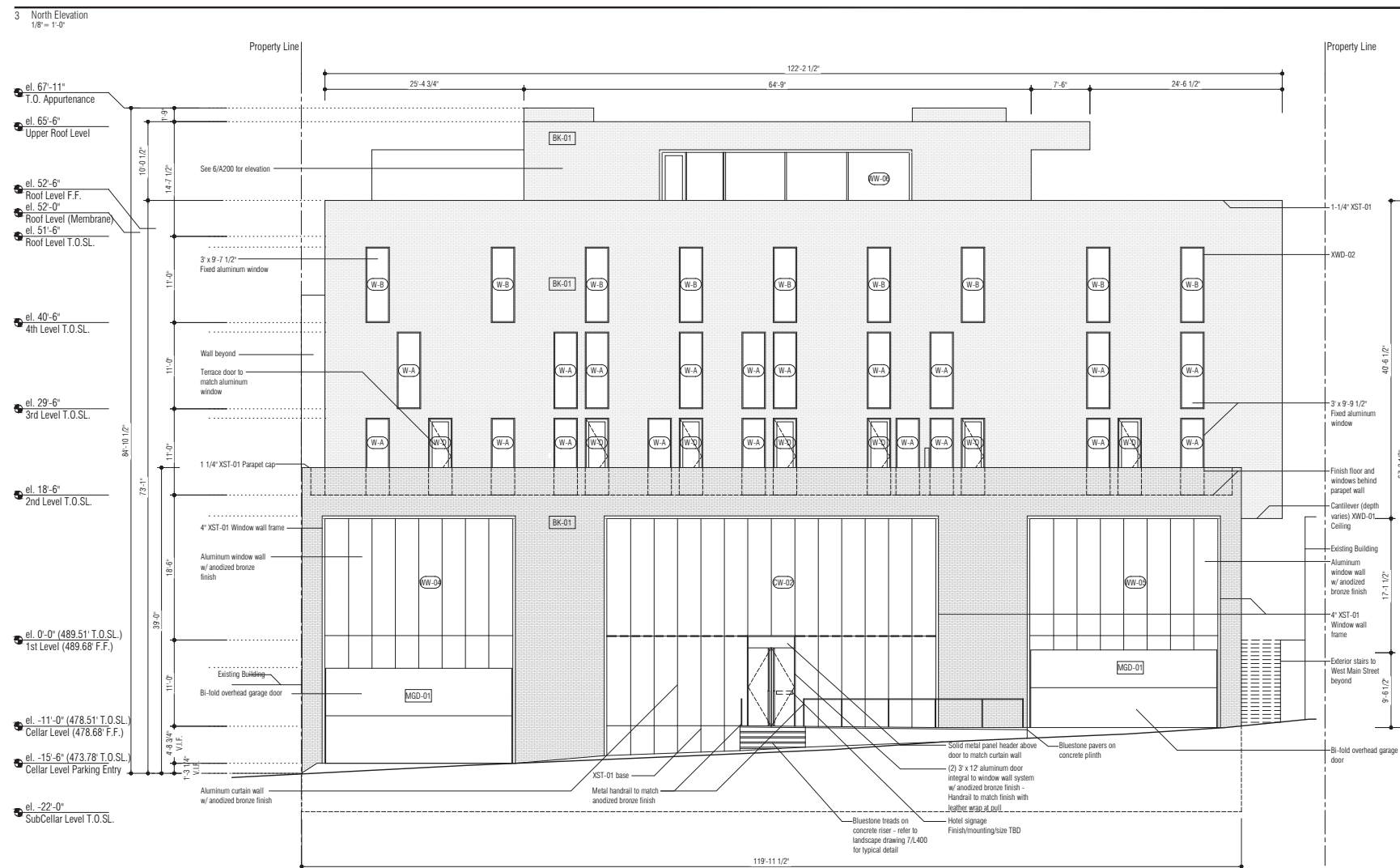
A203.00

Dimensioned Building Elevations



Material Keywords:	
AB-01	Air barrier
BK-01	Exterior brick
CMU-01	Reinforced CMU wall
CONC-01	Structural concrete
CONC-02	Concrete sidewalk wearing slab
CW	Curtain Wall
DB-01	Drainage board
DR-01	Spec: Roof drain
DR-02	Spec: Trench drain
DR-03	Spec: Roof scupper
EJ-01	Expansion joint
INS-01	Polystyrene insulation above grade
INS-02	Rigid insulation below grade
INS-03	Polystyrene insulation rooftop
INS-04	Butt insulation
INS-05	Spray foam insulation
LQ-01	Exterior mechanical louver
LV-01	Motorized bi-fold garage door
MGD-02	Motorized roll down gate
MP-01	Alum composite panel - dry seal
MP-02	Alum composite panel ceiling
MR-01	Exterior brick mortar
PVR-01	Bluestone paver- Refer to Landscaping
PVR-02	Porcelain pavers on pedestals
RF-01	TPD roofing system membrane
RF-02	Spec:
RL-01	Exterior site handrails
W-P	Foundation wall waterproofing
W	Exterior window types
WW	Exterior window wall types
XGL-01	Spec: Exterior glazing
XGL-02	Spec: Exterior glazing
XGL-03	Spec: Exterior glazing
XST-01	Exterior cast stone
XST-02	Spec: Light weight stone panels
XST-03	Exterior stone roof ballast
XWD-01	Spec: Exterior wood soffit
XWD-02	Exterior wood trim
XWD-03	Spec: Exterior wood planks

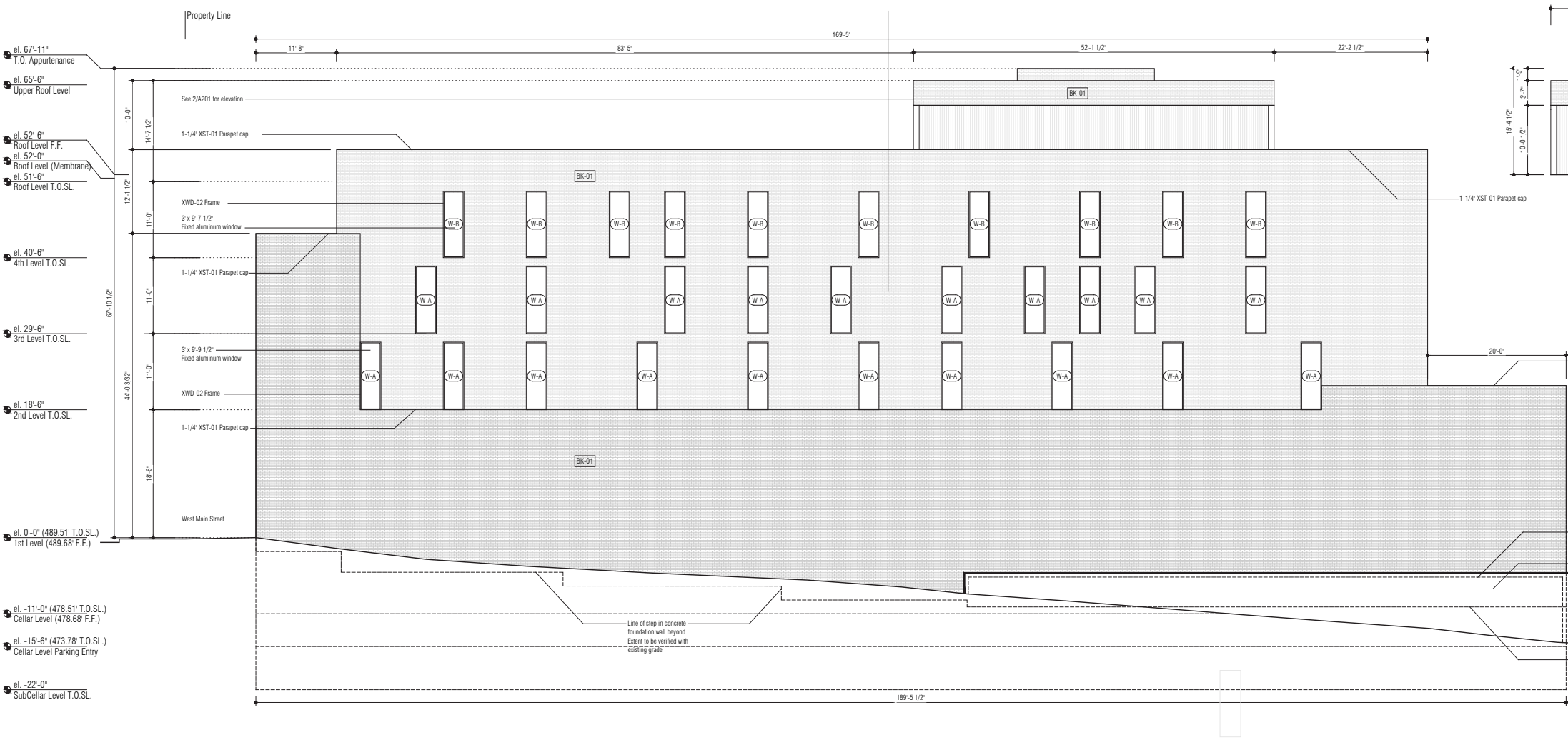
SOUTH ELEVATION - WEST MAIN STREET



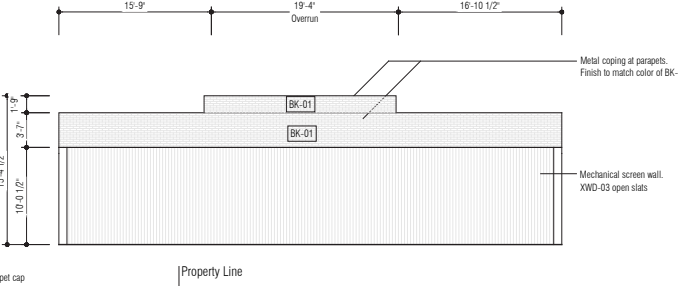
Material Keynotes:	
AB-01	Air barrier Spec:
BK-01	Exterior brick Spec:
CMU-01	Reinforced CMU wall Spec:
CONC-01	Structural concrete Spec:
CONC-02	Concrete sidewalk wearing slab Spec:
CW	Curtain Wall Spec:
DB-01	Drainage board Spec:
DR-01	Road drain Spec:
DR-02	Trench drain Spec:
DR-03	Road scupper Spec:
EJ-01	Expansion joint Spec:
INS-01	Polysty insulation above grade Spec:
INS-02	Rigid insulation below grade Spec:
INS-03	Polysty insulation rooftop Spec:
INS-04	Batt insulation Spec:
INS-05	Straw foam insulation Spec:
LV-01	Exterior mechanical lower Spec:
MGD-01	Motorized bi-fold garage door Spec:
MGD-02	Motorized roll down gate Spec:
MP-01	Alum composite panel - dry seal Spec:
MP-02	Alum composite panel ceiling Spec:
MR-01	Exterior brick mortar Spec:
PVR-01	Bluestone paver- Refer to Landscape Spec:
PVR-02	Porcelain pavers on pedestals Spec:
RF-01	TPD roofing system membrane Spec:
RF-02	Exterior site handrails Spec:
RL-01	Foundation wall waterproofing Spec:
W-P	Exterior window types Spec:
W	Exterior window wall types Spec:
XGL-01	Exterior glazing Spec:
XGL-02	Exterior glazing Spec:
XGL-03	Exterior glazing Spec:
XST-01	Exterior cast stone Spec:
XST-02	Light weight stone panels Spec:
XST-03	Exterior stone roof ballast Spec:
XWD-01	Exterior wood soffit Spec:
XWD-02	Exterior wood trim Spec:
XWD-03	Exterior wood planks Spec:

NORTH ELEVATION - COMMERCE STREET

1 East Elevation
1/8" = 1'-0"



2 East Elevation - Rooftop
1/8" = 1'-0"

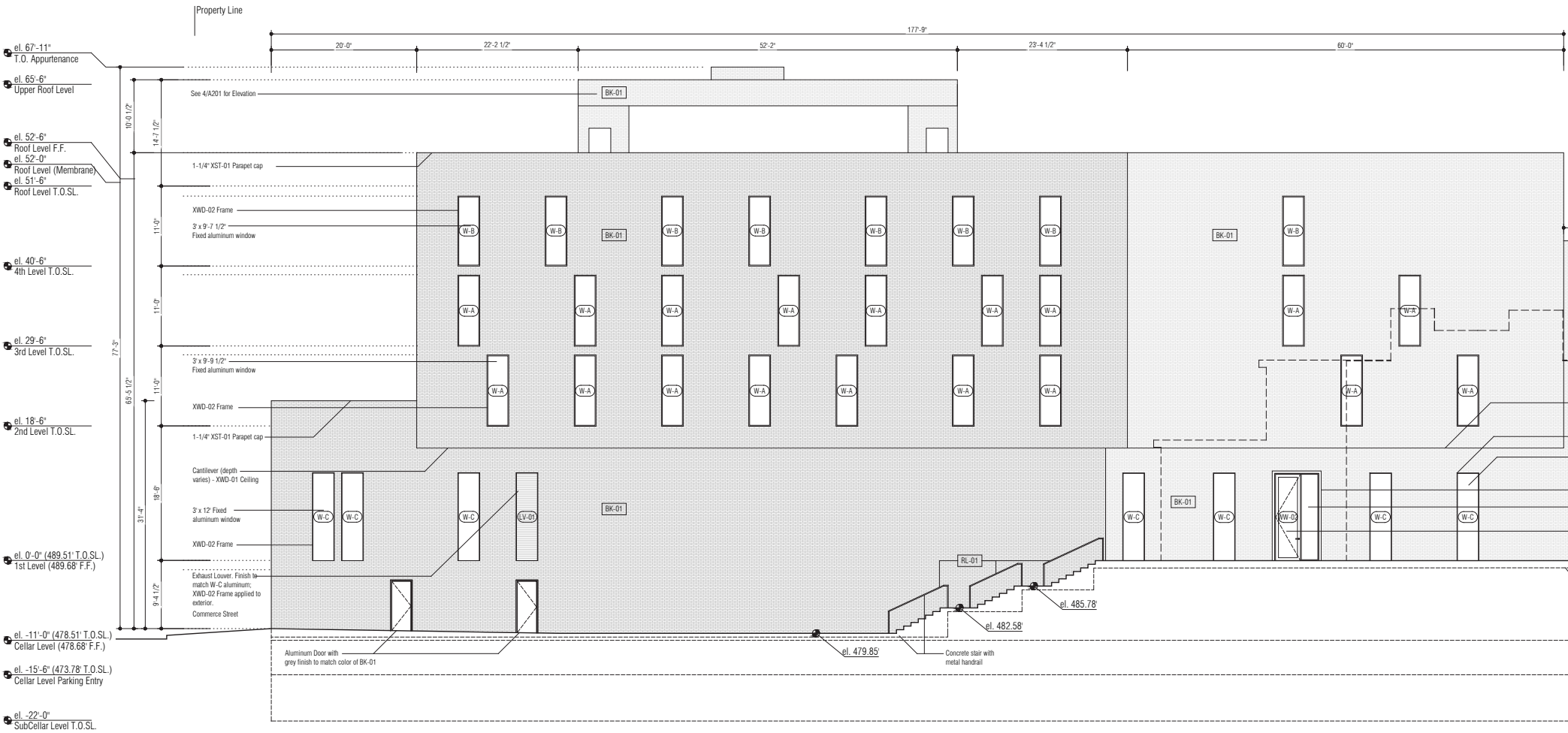


Material Keynotes:

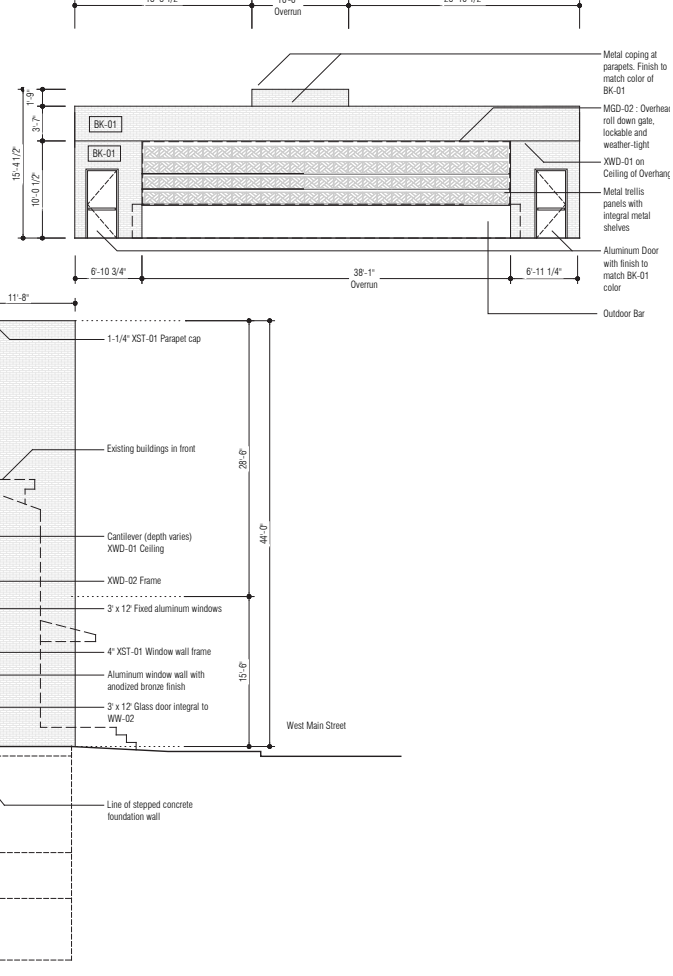
AB-01	Air barrier
Spec:	
BK-01	Exterior brick
Spec:	
CMU-01	Reinforced CMU wall
Spec:	
CONC-01	Structural concrete
Spec:	
CONC-02	Concrete sidewalk wearing slab
Spec:	
CW	Curtain Wall
Spec:	
DB-01	Drainage board
Spec:	
DR-01	Roof drain
Spec:	
DR-02	Trench drain
Spec:	
DR-03	Roof scupper
Spec:	
EJ-01	Expansion joint
Spec:	
INS-01	Polysio insulation above grade
Spec:	
INS-02	Rigid insulation below grade
Spec:	
INS-03	Polysio insulation rooftop
Spec:	
INS-04	Batt insulation
Spec:	
INS-05	Spray foam insulation
Spec:	
LV-01	Exterior mechanical lower
Spec:	
MGD-01	Motorized bi-fold garage door
Spec:	
MGD-02	Motorized roll down gate
Spec:	
MP-01	Alum composite panel - dry seal
Spec:	
MP-02	Alum composite panel ceiling
Spec:	
MR-01	Exterior brick mortar
Spec:	
PVR-01	Bluestone paver- Refer to Landscape
Spec:	
PVR-02	Porcelain pavers on pedestals
Spec:	
RF-01	TPO roofing system membrane
Spec:	
RF-02	
Spec:	
RL-01	Exterior site handrails
Spec:	
W-P	Foundation wall waterproofing
Spec:	
W	Exterior window types
Spec:	
WW	Exterior window wall types
Spec:	
XGL-01	Exterior glazing
Spec:	
XGL-02	Exterior glazing
Spec:	
XGL-03	Exterior glazing
Spec:	
XST-01	Exterior cast stone
Spec:	
XST-02	Light weight stone panels
Spec:	
XST-03	Exterior stone roof ballast
Spec:	
XWD-01	Exterior wood soffit
Spec:	
XWD-02	Exterior wood trim
Spec:	
XWD-03	Exterior wood planks
Spec:	

EAST ELEVATION

3 West Elevation
1/8" = 1'-0"



4 West Elevation - Rooftop
1/8" = 1'-0"



Material Keynotes:

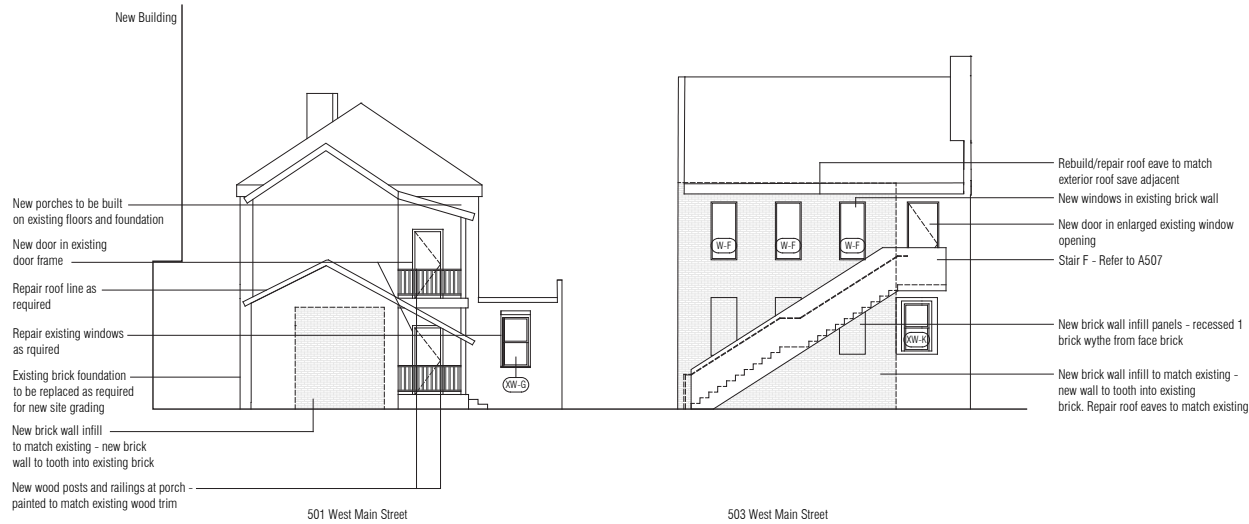
AB-01	Air barrier
Spec:	
BK-01	Exterior brick
Spec:	
CMU-01	Reinforced CMU wall
Spec:	
CONC-01	Structural concrete
Spec:	
CONC-02	Concrete sidewalk wearing slab
Spec:	
CW	Curtain Wall
Spec:	
DB-01	Drainage board
Spec:	
DR-01	Roof drain
Spec:	
DR-02	Trench drain
Spec:	
DR-03	Roof scupper
Spec:	
EJ-01	Expansion joint
Spec:	
INS-01	Polysio insulation above grade
Spec:	
INS-02	Rigid insulation below grade
Spec:	
INS-03	Polysio insulation rooftop
Spec:	
INS-04	Batt insulation
Spec:	
INS-05	Spray foam insulation
Spec:	
LV-01	Exterior mechanical lower
Spec:	
MGD-01	Motorized bi-fold garage door
Spec:	
MGD-02	Motorized roll down gate
Spec:	
MP-01	Alum composite panel - dry seal
Spec:	
MP-02	Alum composite panel ceiling
Spec:	
MR-01	Exterior brick mortar
Spec:	
PVR-01	Bluestone paver- Refer to Landscape
Spec:	
PVR-02	Porcelain pavers on pedestals
Spec:	
RF-01	TPO roofing system membrane
Spec:	
RF-02	
Spec:	
RL-01	Exterior site handrails
Spec:	
W-P	Foundation wall waterproofing
Spec:	
W	Exterior window types
Spec:	
WW	Exterior window wall types
Spec:	
XGL-01	Exterior glazing
Spec:	
XGL-02	Exterior glazing
Spec:	
XGL-03	Exterior glazing
Spec:	
XST-01	Exterior cast stone
Spec:	
XST-02	Light weight stone panels
Spec:	
XST-03	Exterior stone roof ballast
Spec:	
XWD-01	Exterior wood soffit
Spec:	
XWD-02	Exterior wood trim
Spec:	
XWD-03	Exterior wood planks
Spec:	

WEST ELEVATION

1 South Elevation - Building 1 & Building 2
1/8" = 1'-0"



2 North Elevation - Building 1 & Building 2
1/8" = 1'-0"



Material Keynotes:

AB-01	Air barrier
Spec:	
BK-01	Exterior brick
Spec:	
CMU-01	Reinforced CMU wall
Spec:	
CONC-01	Structural concrete
Spec:	
CONC-02	Concrete sidewalk wearing slab
Spec:	
CW	Curtain Wall
Spec:	
DB-01	Drainage board
Spec:	
DR-01	Roof drain
Spec:	
DR-02	Trench drain
Spec:	
DR-03	Roof scupper
Spec:	
EJ-01	Expansion joint
Spec:	
INS-01	Polysty insulation above grade
Spec:	
INS-02	Rigid insulation below grade
Spec:	
INS-03	Polysty insulation rooftop
Spec:	
INS-04	Batt insulation
Spec:	
INS-05	Spray foam insulation
Spec:	
LV-01	Exterior mechanical lower
Spec:	
MGD-01	Motorized bi-fold garage door
Spec:	
MGD-02	Motorized roll down gate
Spec:	
MP-01	Alum composite panel - dry seal
Spec:	
MP-02	Alum composite panel ceiling
Spec:	
MR-01	Exterior brick mortar
Spec:	
PVR-01	Bluestone paver- Refer to Landscape
Spec:	
PVR-02	Porcelain pavers on pedestals
Spec:	
RF-01	TPO roofing system membrane
Spec:	
RF-02	
Spec:	
RL-01	Exterior site handrails
Spec:	
W-P	Foundation wall waterproofing
Spec:	
W	Exterior window types
Spec:	
WW	Exterior window wall types
Spec:	
XGL-01	Exterior glazing
Spec:	
XGL-02	Exterior glazing
Spec:	
XGL-03	Exterior glazing
Spec:	
XST-01	Exterior cast stone
Spec:	
XST-02	Light weight stone panels
Spec:	
XST-03	Exterior stone roof ballast
Spec:	
XWD-01	Exterior wood soffit
Spec:	
XWD-02	Exterior wood trim
Spec:	
XWD-03	Exterior wood planks
Spec:	

3 West Elevation - Building 1
1/8" = 1'-0"



4 West Elevation - Building 2
1/8" = 1'-0"



EXISTING BUILDINGS 501 AND 503 WEST MAIN STREET ELEVATIONS



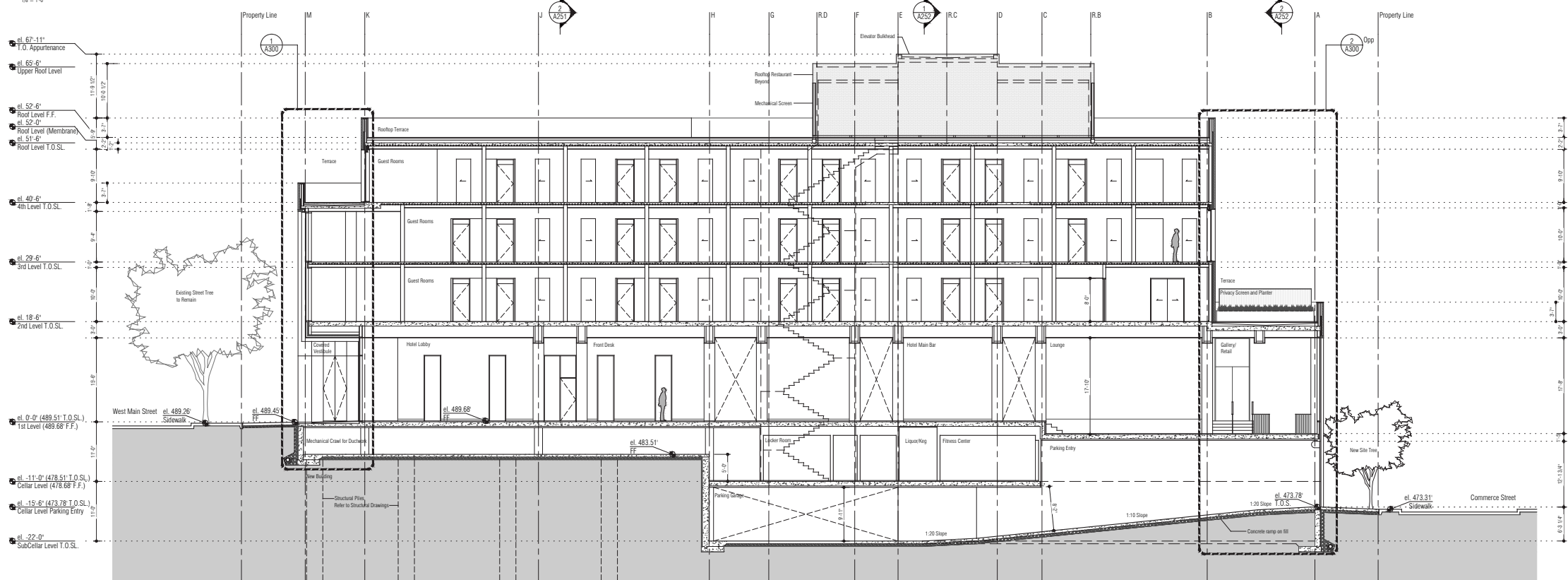
Material Keynotes:

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Spec:	
BK-01	Exterior brick
Spec:	
CMU-01	Reinforced CMU wall
Spec:	
CONC-01	Structural concrete
Spec:	
CONC-02	Concrete sidewalk wearing slab
Spec:	
CW	Curtain Wall
Spec:	
DB-01	Drainage board
Spec:	
DR-01	Roof drain
Spec:	
DR-02	Trench drain
Spec:	
DR-03	Roof scupper
Spec:	
EJ-01	Expansion joint
Spec:	
INS-01	Polysio insulation above grade
Spec:	
INS-02	Rigid insulation below grade
Spec:	
INS-03	Polysio insulation rooftop
Spec:	
INS-04	Batt insulation
Spec:	
INS-05	Spray foam insulation
Spec:	
LV-01	Exterior mechanical louver
Spec:	
MGD-01	Motorized bi-fold garage door
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MGD-02	Motorized roll down gate
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PVR-02	Porcelain pavers on pedestals
Spec:	
RF-01	TPO roofing system membrane
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RF-02	
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Spec:	
XST-02	Light weight stone panels
Spec:	
XST-03	Exterior stone roof ballast
Spec:	
XWD-01	Exterior wood soffit
Spec:	
XWD-02	Exterior wood trim
Spec:	
XWD-03	Exterior wood planks
Spec:	

EXISTING BUILDINGS 501 AND 503 WEST MAIN STREET ELEVATIONS

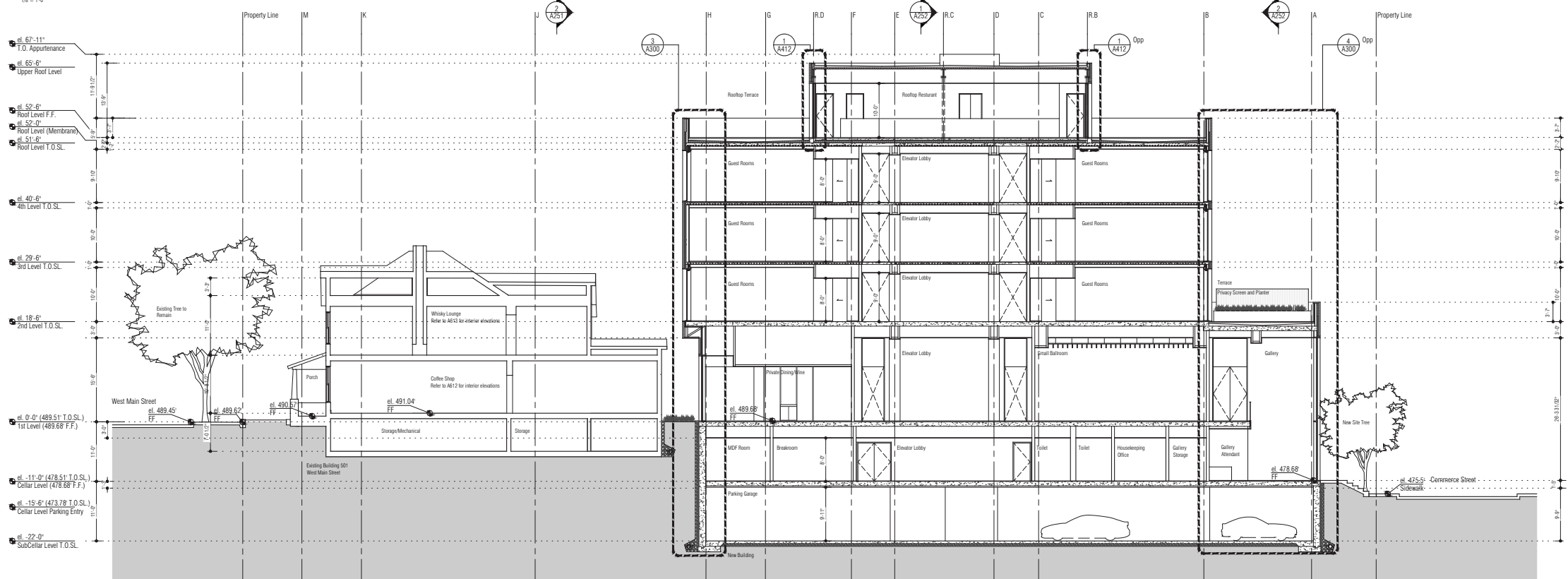
Building Sections and Wall Sections

1 North-South 1 (At West Main St Lobby)
1/8" = 1'-0"



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

2 North-South 2 (At Existing Bldg 1)
1/8" = 1'-0"



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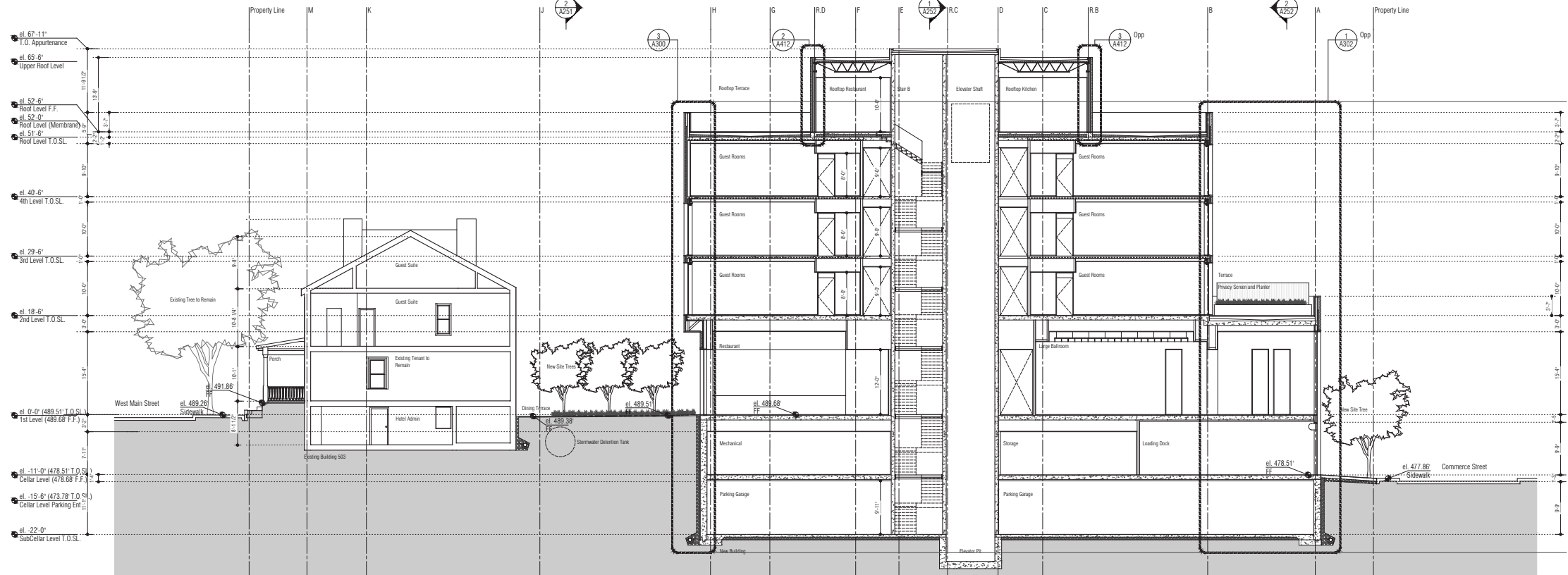


Issue: 100% DD Submission
Date: 12 October 2017
Scale: 1/8" = 1'-0"

Building Sections
North-South 1 (at West Main Street Lobby)
North-South 2 (at Existing Building 501)

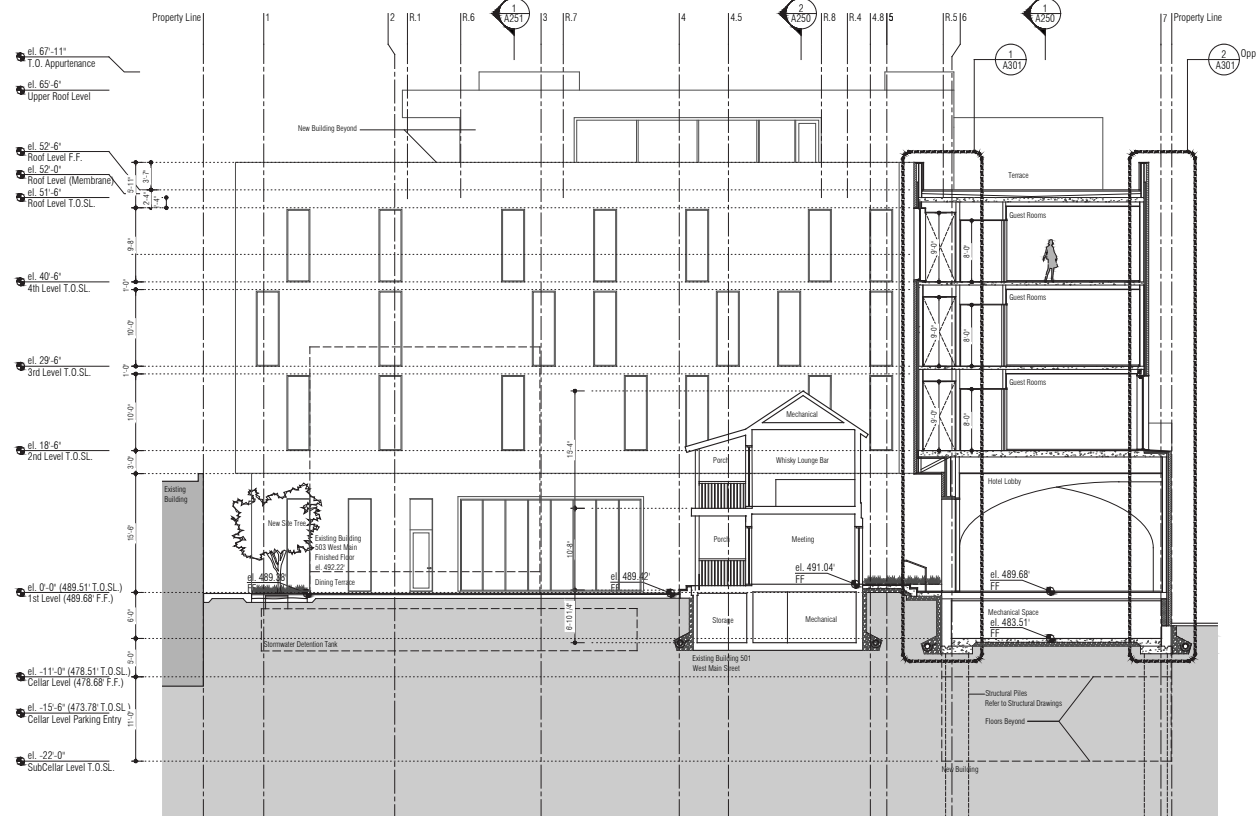
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1 North-South 3 (at Existing Building 2)
1/8" = 1'-0"



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

2 East-West Section 1 (at Lobby and Buildings 501 and 503)
1/8" = 1'-0"



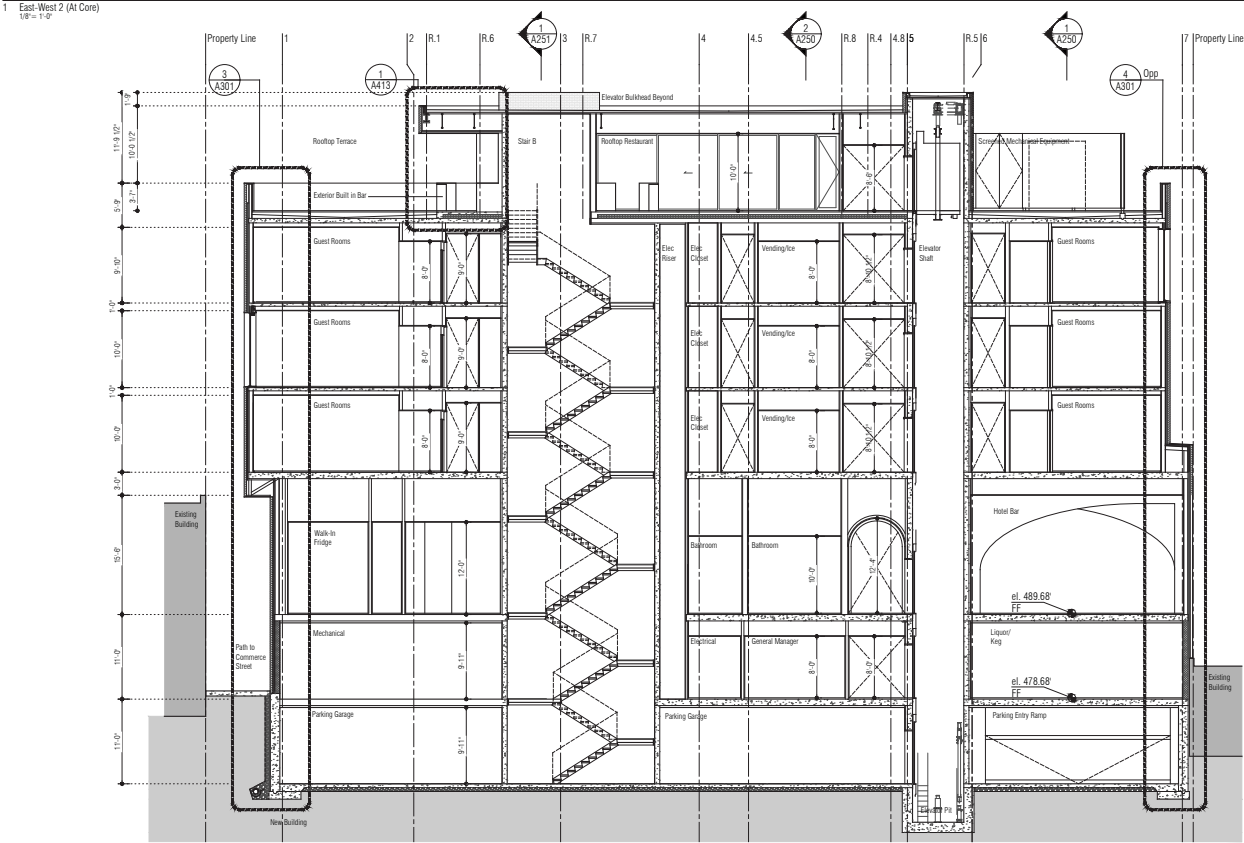
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Quirk Charlottesville
Charlottesville, VA

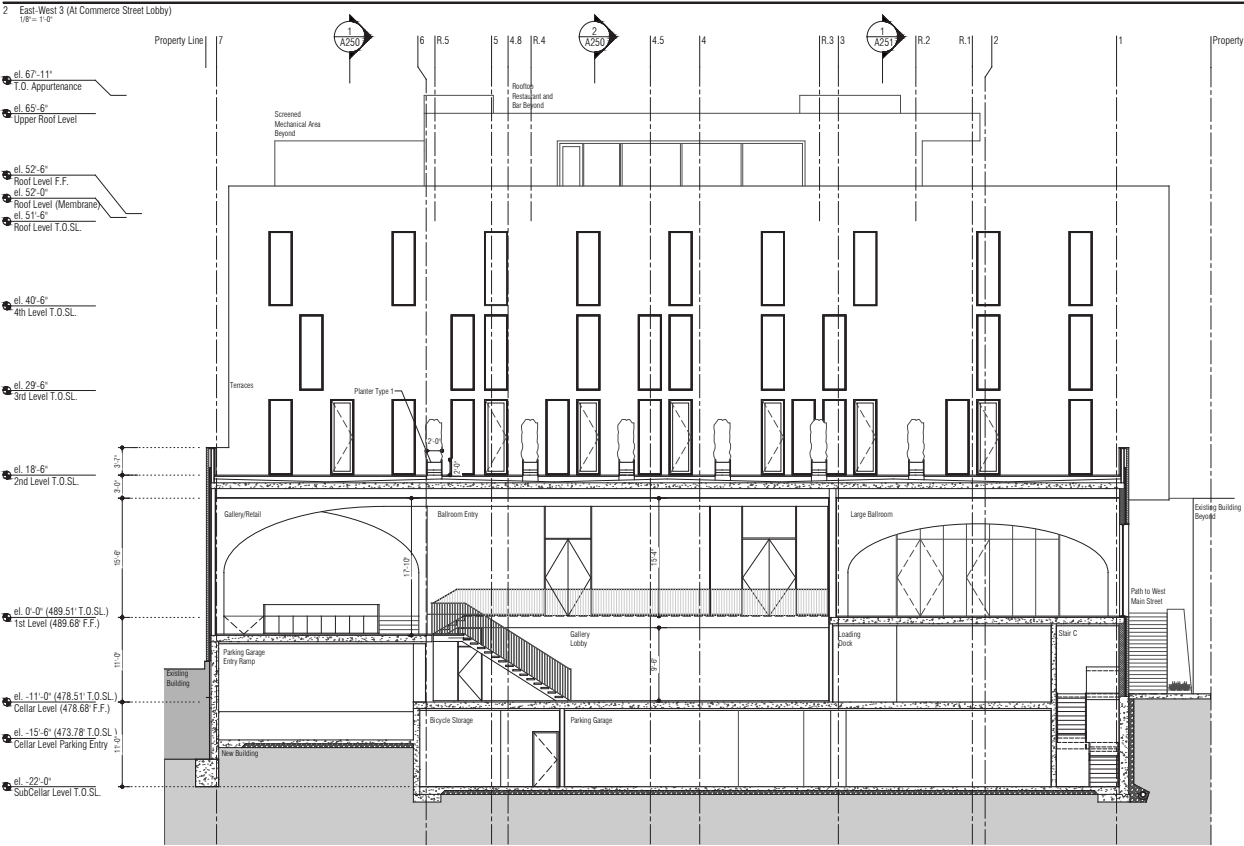
Issue: 100% DD Submission
Date: 12 October 2017
Scale: 1/8" = 1'-0"

Building Sections
North-South 3 (at Existing Building 501)
East-West 1 (at Lobby/Bldgs 501 and 503)

A251.00



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017



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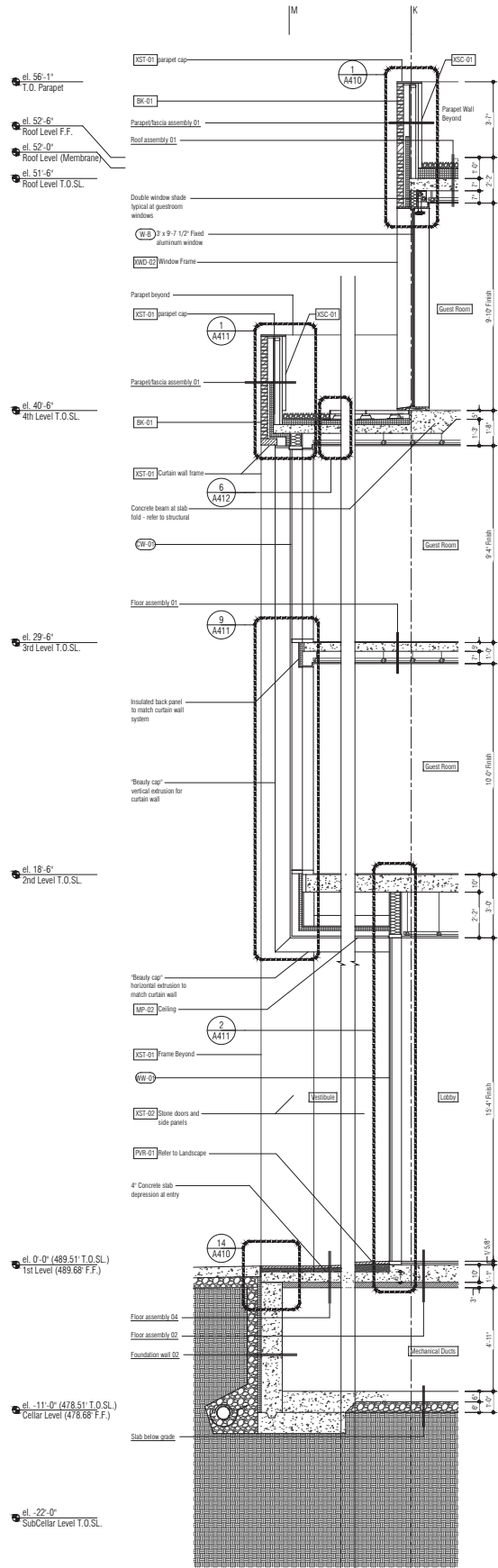
Quirk Charlottesville
Charlottesville, VA

Issue: 100% DD Submission
Date: 12 October 2017
Scale: 1/8" = 1'-0"

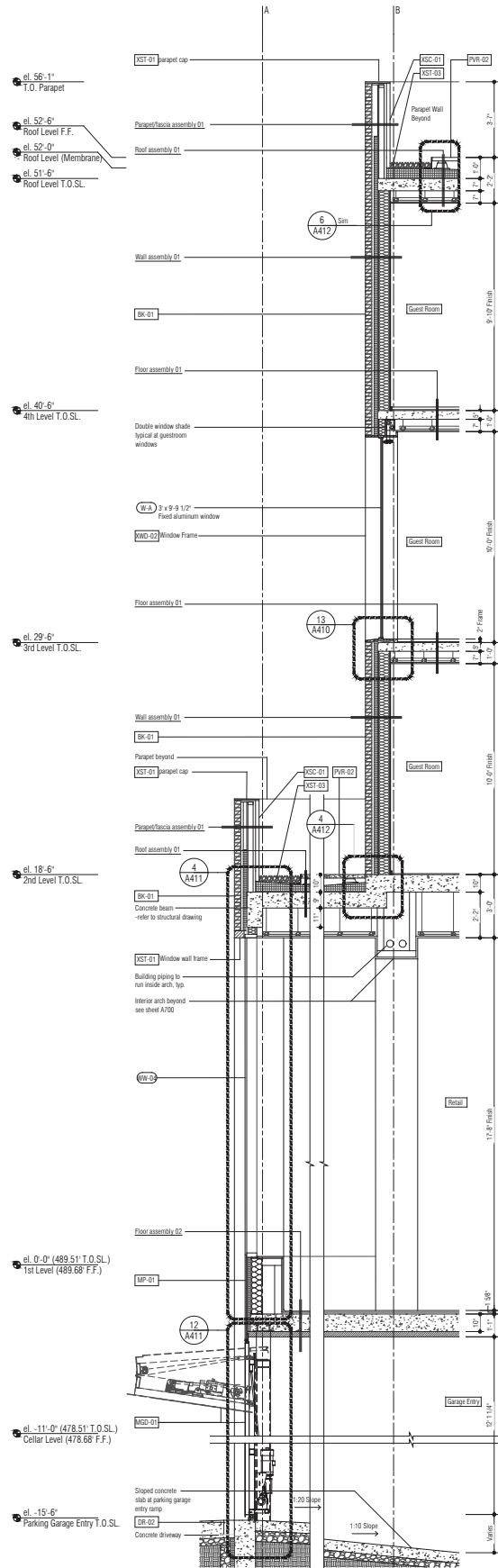
Building Sections
East-West 2 (at Core)
East-West 3 (at Commerce Street Lobby)

A252.00

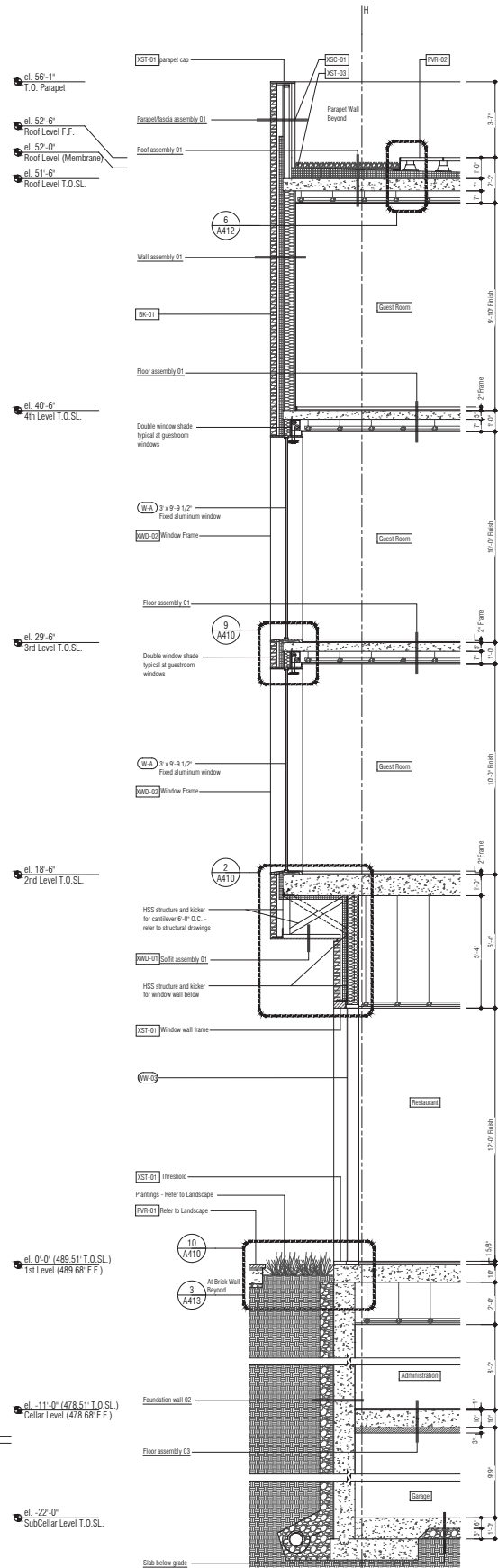
1 Wall Section - South Wall Curtain Wall at West Main Street Entry
3/8" = 1'-0"



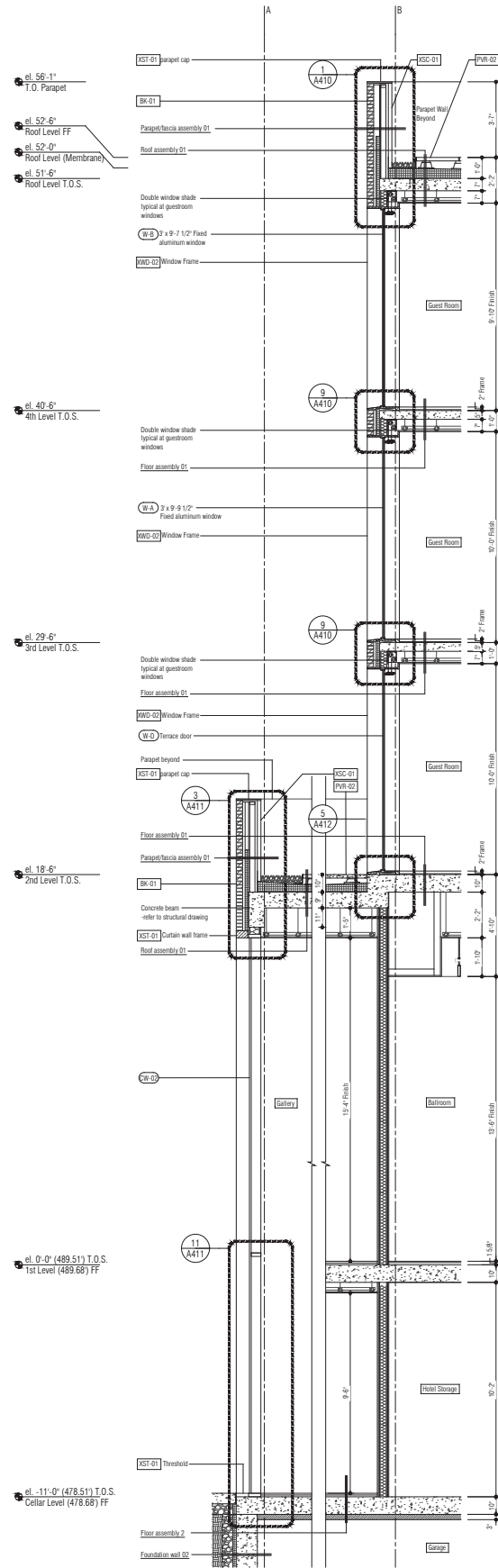
2 Wall Section - North Wall at Parking Garage Entry
3/8" = 1'-0"



3 Wall Section - South Wall at Restaurant Dining Terrace
3/8" = 1'-0"



4 Wall Section - North Wall at Gallery Entry at Commerce Street
3/8" = 1'-0"



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

Material Keynotes

AS-01	Air barrier
BR-01	Exterior brick
CMU-01	Reinforced CMU wall
CONC-01	Structural concrete
CONC-02	Concrete sidewalk wearing slab
CW	Curtain Wall
DB-01	Drainage board
DR-01	Roof drain
DR-02	Roof scupper
DR-03	Roof scupper
EJ-01	Expansion joint
INS-01	Polystyrene insulation above grade
INS-02	Rigid insulation below grade
INS-03	Polystyrene insulation rooftop
INS-04	Ball insulation
INS-05	Spray foam insulation
LV-01	Exterior mechanical lower
MGD-01	Monitored to hold garage door
MGD-02	Monitored roll down gate
MP-01	Alum composite panel - dry seal
MP-02	Alum composite panel ceiling
MR-01	Exterior brick mortar
PVR-01	Reinforced paver - Refer to Landscape
PVR-02	Precast pavers on pedestals
RF-01	TPD roofing system membrane
RF-02	Spec
RL-01	Exterior site handrails
W-P	Foundation wall waterproofing
W	Exterior window types
WW	Exterior window wall types
XGL-01	Exterior glazing
XGL-02	Exterior glazing
XGL-03	Exterior glazing
XST-01	Exterior cast stone
XST-02	Light weight stone panels
XST-03	Exterior stone roof ballast
XW0D-01	Exterior wood soffit
XW0D-02	Exterior wood trim
XW0D-03	Exterior wood planks

General Notes

Refer to A305 for Exterior Materials Legend.
Refer to A305 for Exterior Construction Assemblies.
Refer to A304 for Exterior Window Types.

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Issue: 100% DD Submission
Date: 12 October 2017
Scale: 3/8" = 1'-0"

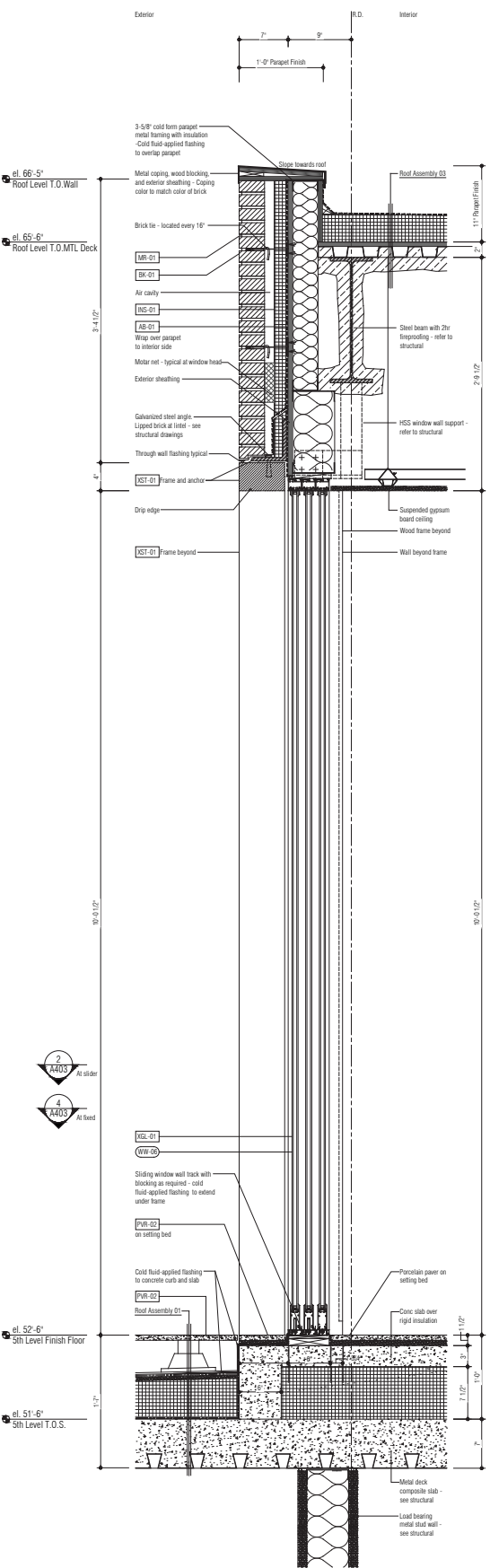
Wall Sections

A300.00

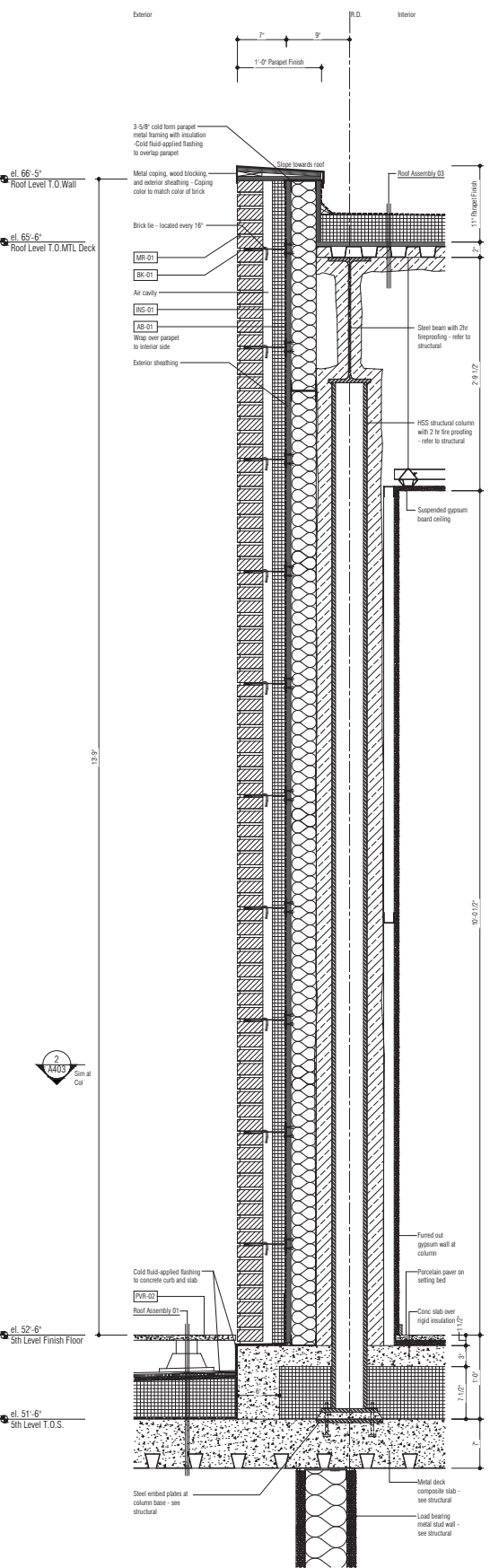
AB-01	Air barrier	Spec:
BE-01	Exterior brick	Spec:
CMU-01	Nonreinforced CMU wall	Spec:
CONC-01	Structural concrete	Spec:
CONC-02	Concrete sidewalk wetting slab	Spec:
CW	Curtain Wall	Spec:
DB-01	Drainage board	Spec:
DR-01	Sox:	
DR-01	Drift drain	Spec:
DR-02	Twelve drain	Spec:
DR-03	Roof scupper	Spec:
EJ-01	Expansion joint	Spec:
INS-01	Polystyrene insulation above grade	Spec:
INS-02	Rigid insulation below grade	Spec:
INS-03	Polystyrene insulation rooftop	Spec:
INS-04	Batt insulation	Spec:
INS-05	Spray foam insulation	Spec:
LV-01	Exterior mechanical louver	Spec:
MGO-01	Miscolored to fold garage door	Spec:
MGO-02	Miscolored roll down gate	Spec:
MP-01	Alum composite panel - dry and	Spec:
MP-02	Alum composite panel ceiling	Spec:
MR-01	Exterior brick masonry	Spec:
PVR-01	Bluestone paver- Refer to Landscape	Spec:
PVR-02	Porcelain pavers on pedestals	Spec:
RF-01	TPO roofing system membrane	Spec:
RL-01	Exterior site handrails	Spec:
W-P	Foundation wall waterproofing	Spec:
WW	Exterior window types	Spec:
XXL-01	Exterior glazing	Spec:
XXL-02	Exterior glazing	Spec:
XXL-03	Exterior glazing	Spec:
XS1-01	Exterior cast stone	Spec:
XS1-02	Light weight stone panels	Spec:
XS1-03	Exterior stone roof balustrade	Spec:
XWD-01	Exterior wood roof	Spec:
XWD-02	Exterior wood trim	Spec:
XWD-03	Exterior window planks	Spec:

- Refer to A905 for Exterior Materials Legend.
- Refer to A905 for Exterior Construction Assemblies.
- Refer to A945 for Exterior Window Types.

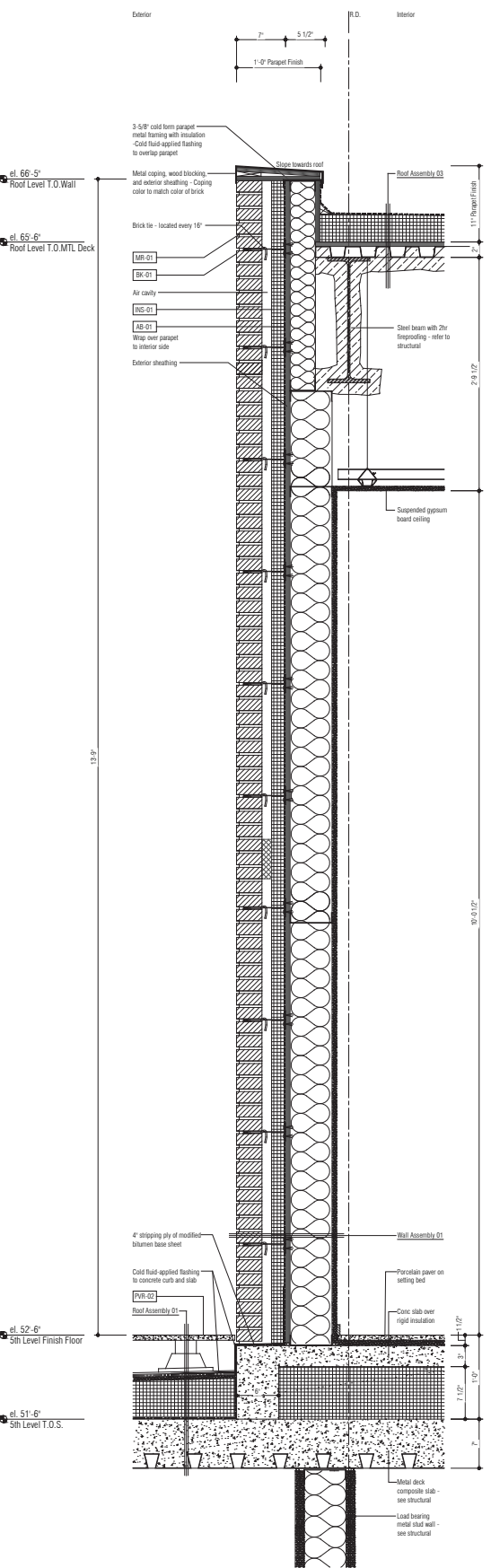
1 Section Detail - Rooftop Wall at Sliding Window Wall
1 1/2" = 1'-0"



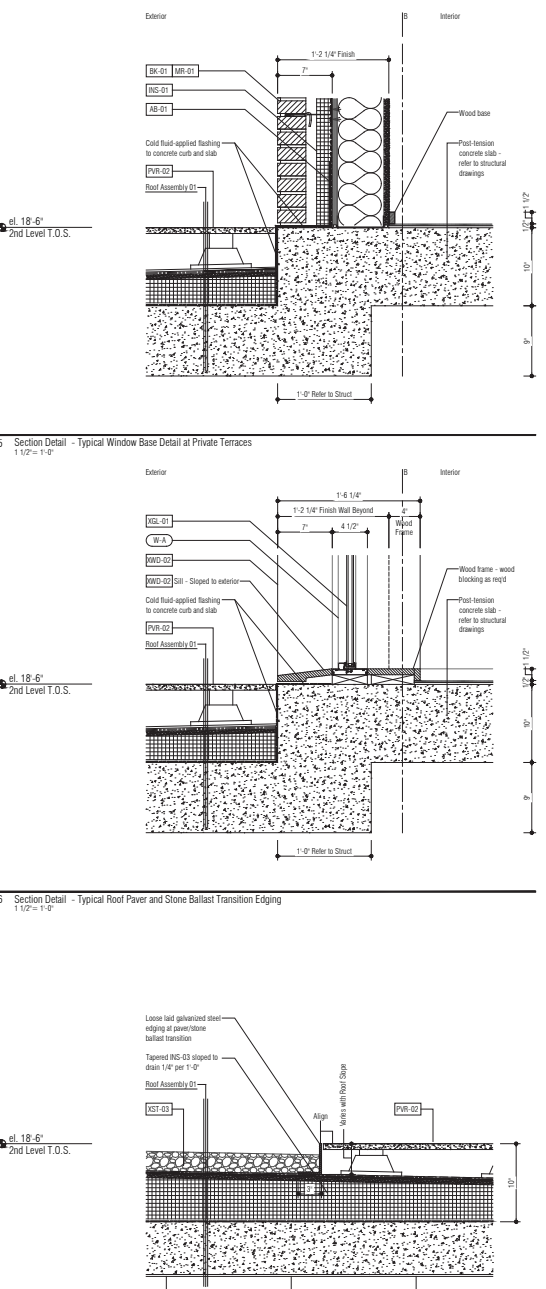
2 Section Detail - Rooftop Wall at HSS Column
1 1/2" = 1'-0"



3 Section Detail - Rooftop Wall at Metal Stud Wall
1 1/2" = 1'-0"



4 Section Detail - Typical Brick Base Detail at Private Terraces
1 1/2" = 1'-0"



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

Material Resources:

AB-01	Air barrier	Spec:
BK-01	Exterior brick	Spec:
CMU-01	Reinforced CMU wall	Spec:
CONC-01	Structural concrete	Spec:
CONC-02	Concrete sidewalk wearing slab	Spec:
CW	Curtain Wall	Spec:
DB-01	Drainage board	Spec:
DR-01	Roof drain	Spec:
DR-02	French drain	Spec:
DR-03	Roof scupper	Spec:
EJ-01	Expansion joint	Spec:
INS-01	Polyiso insulation above grade	Spec:
INS-02	Rigid insulation below grade	Spec:
INS-03	Polyiso insulation rooftop	Spec:
INS-04	Ball insulation	Spec:
INS-05	Spray foam insulation	Spec:
LI-01	Exterior mechanical lower	Spec:
MSD-01	Motorized bi-fold garage door	Spec:
MSD-02	Motorized roll down gate	Spec:
MP-01	Alum composite panel - dry seal	Spec:
MP-02	Alum composite panel ceiling	Spec:
MR-01	Exterior brick mortar	Spec:
PVR-01	Bluestone paver - Refer to Landscape	Spec:
PVR-02	Porcelain pavers on pedestals	Spec:
RF-01	TPD roofing system membrane	Spec:
RF-02	Spec:	
RL-01	Exterior site handrails	Spec:
W-P	Foundation wall waterproofing	Spec:
W	Exterior window types	Spec:
WW	Exterior window wall types	Spec:
XGL-01	Exterior glazing	Spec:
XGL-02	Exterior glazing	Spec:
XGL-03	Exterior glazing	Spec:
XST-01	Exterior cast stone	Spec:
XST-02	Light weight stone panels	Spec:
XST-03	Exterior stone roof ballast	Spec:
XWD-01	Exterior wood soffit	Spec:
XWD-02	Exterior wood trim	Spec:
XWD-03	Exterior wood planks	Spec:

General Notes:

-Refer to AR05 for Exterior Materials Legend.
-Refer to AR05 for Exterior Construction Assemblies.
-Refer to AR42 for Exterior Window Types.

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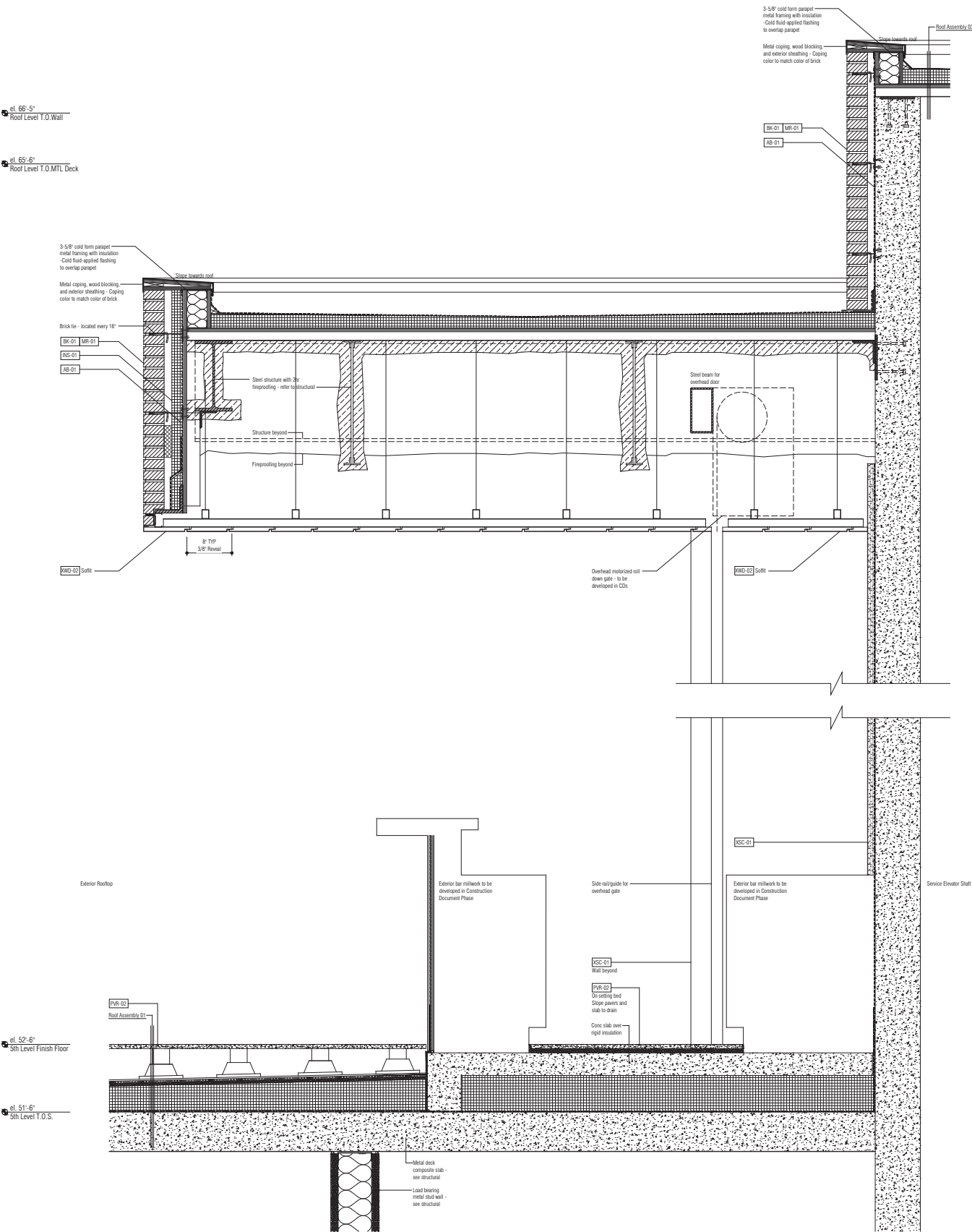
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Issue: 100% DD Submission
Date: 12 October 2017
Scale: 1-1/2" = 1'-0"

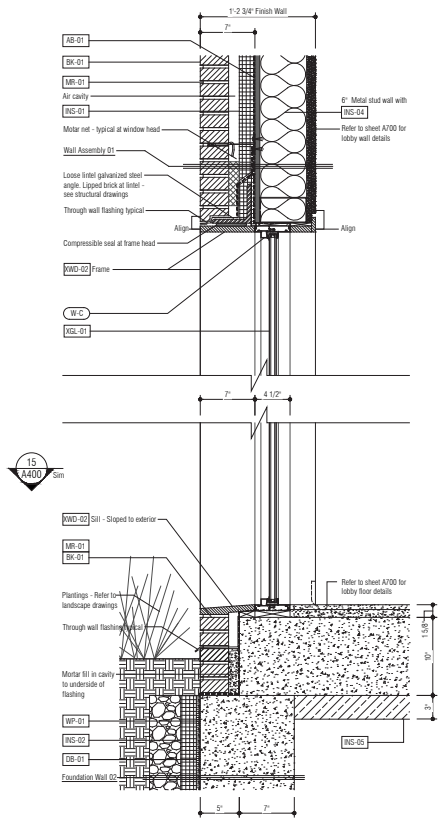
Exterior Section Details

A412.00

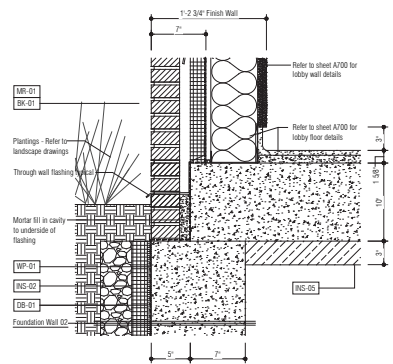
1 Section Detail - Rooftop Cantilever at Exterior Bar
1 1/2" = 1'-0"



2 Section Detail - Typical Single Window on 1st Floor - Type W-C
1 1/2" = 1'-0"



3 Section Detail - Typical Wall Base at 1st Floor Landscape
1 1/2" = 1'-0"



No	Issue	Date
1	100% Schematic Design	30 Jun 2017
2	30% Design Development	04 Aug 2017
3	100% Design Development	12 Oct 2017

Material Resources

AB-01	Air barrier	Spec:
BR-01	Exterior brick	Spec:
CMU-01	Reinforced CMU wall	Spec:
CC-01	Structural concrete	Spec:
CC-02	Concrete sidewalk wearing slab	Spec:
CB-01	Curtain Wall	Spec:
DB-01	Roof drain	Spec:
DB-02	Roof drain	Spec:
DB-03	Roof scupper	Spec:
E-01	Expansion joint	Spec:
IG-01	Polystyrene insulation above grade	Spec:
IG-02	Rigid insulation below grade	Spec:
IG-03	Polystyrene insulation rooftop	Spec:
IG-04	Ball insulation	Spec:
IG-05	Gray foam insulation	Spec:
L-01	Exterior mechanical lower	Spec:
MB-01	Metalized bi-fold garage door	Spec:
MB-02	Metalized roll down gate	Spec:
MP-01	Alum composite panel - dry seal	Spec:
MP-02	Alum composite panel ceiling	Spec:
MR-01	Exterior brick masonry	Spec:
PR-01	Bluestone paver - Refer to Landscape	Spec:
PR-02	Porcelain pavers on pedestals	Spec:
R-01	TPD roofing system membrane	Spec:
R-02	Spec:	
SE-01	Exterior site handrails	Spec:
WF	Foundation wall waterproofing	Spec:
W	Exterior window types	Spec:
W	Exterior window wall types	Spec:
XGL-01	Exterior glazing	Spec:
XGL-02	Exterior glazing	Spec:
XGL-03	Exterior glazing	Spec:
XST-01	Exterior cast stone	Spec:
XST-02	Light weight stone panels	Spec:
XST-03	Exterior stone roof ballast	Spec:
XWB-01	Exterior wood soffit	Spec:
XWB-02	Exterior wood trim	Spec:
XWB-03	Exterior wood planks	Spec:

General Notes

- Refer to AR05 for Exterior Materials Legend.
- Refer to AR05 for Exterior Construction Assemblies.
- Refer to AR40 for Exterior Window Types.

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Exterior Section Details

A413.00



BRICK STUDY - COLOR COMPARISON WITH THE JEFFERSON HOTEL