TABLE OF CONTENTS

SITE + BUILDING

SITE PLAN AND SITE DIAGRAMS

C.2

Site Plan | C.3

Site Diagrams | C.4

Ground Floor Access Plan | C.7

SITE DESIGN - LANDSCAPE

C.8

Landscape Plans & Materials | C.9

DESIGN DRAWINGS

C.12

C.38

Floor Plans | C.13

Elevations (Black & While + Color) | C.18

Building Sections | C.26

Composite Building Drawings | C.28

Materials Pallette | C.35

Exterior Lighting | C.36

PRODUCTS - CUT SHEETS

Windows | C.39

Cladding | C.41

Louvers | C.44

Overhead Doors | C.45



SITE PLAN AND SITE DIAGRAMS

- 1. Overall Site Plan
- 2. Site Existing Condition Diagrams
- 3. Ground Floor Site Access



1 BUILDING 550 Martin Luther King Jr. Blvd

112,193

Total GSF (inc. UG Parkimg)

3,973

GSF of Commercial Space

GSF of Courtyard Space

132

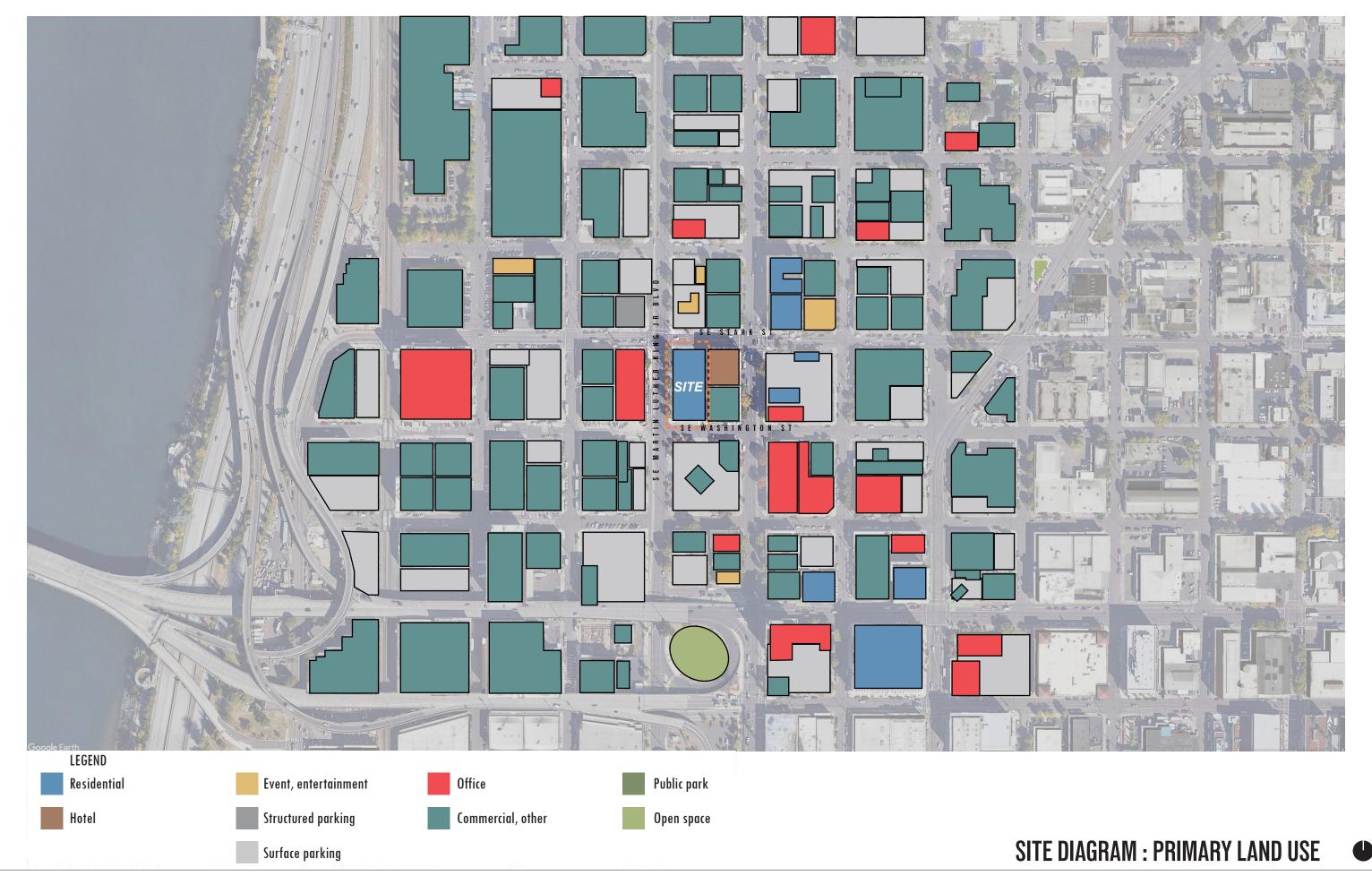
Units

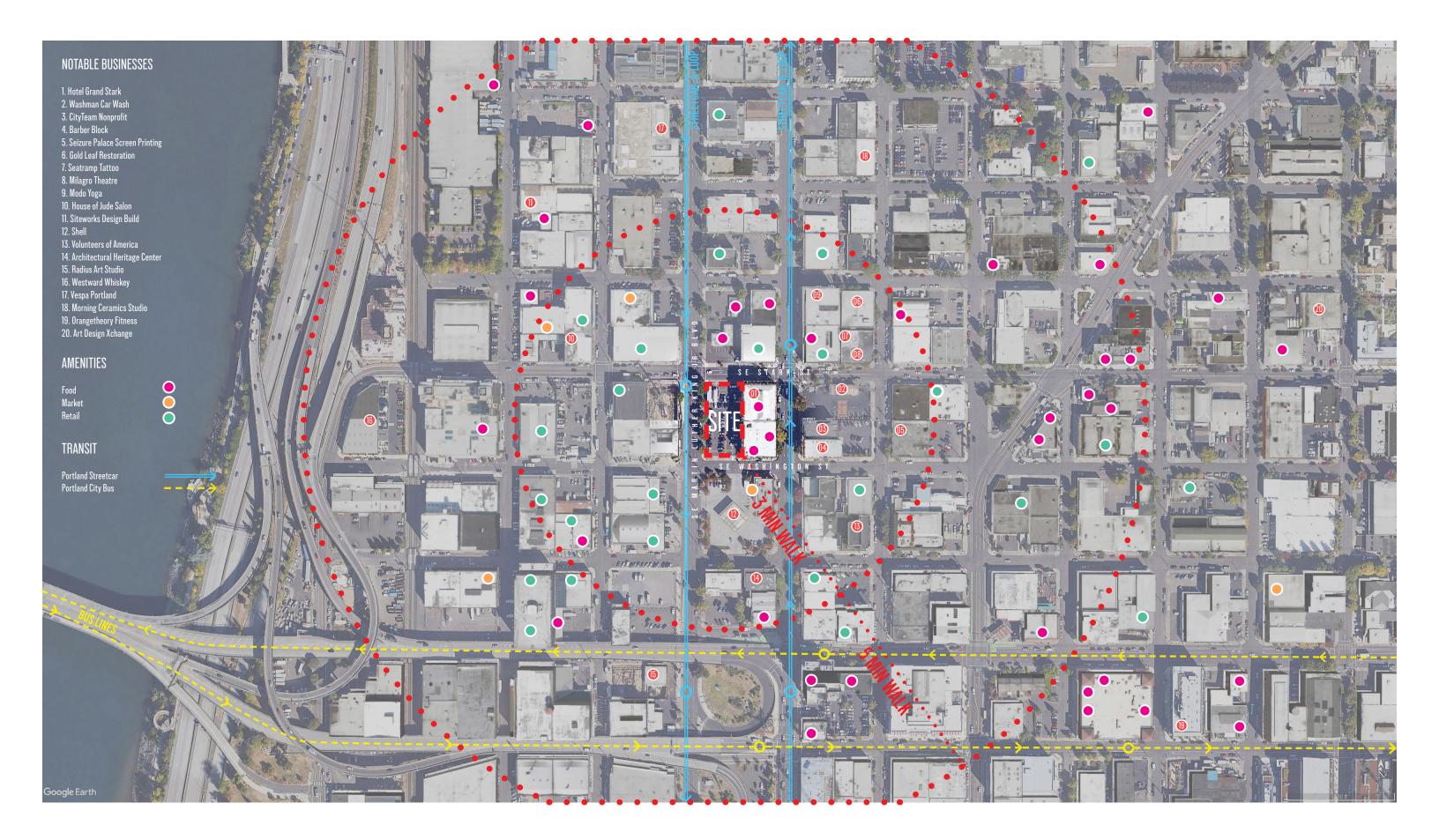
Podium parking stalls



OVERALL 550 MLK SITE

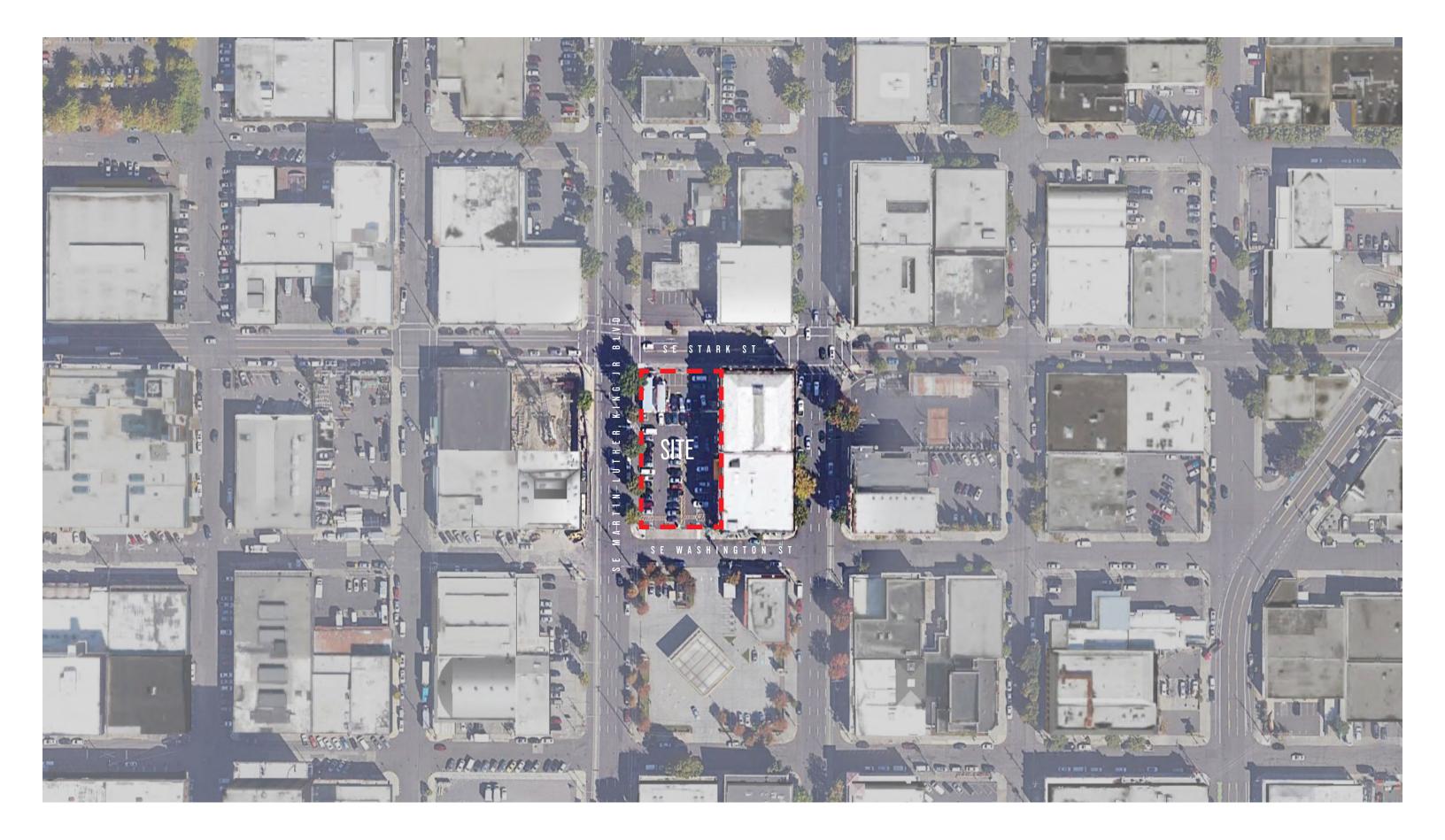
DESIGN DRAWINGS C.3





SITE DIAGRAM: TRANSPORTATION





EXISTING CONDITIONS - AERIAL

550 SE MLK BLVD 6 Levels of Residential 112,193 Total GSF

RETAIL
RESIDENTIAL
PARKING
CIRCULATION
SERVICE

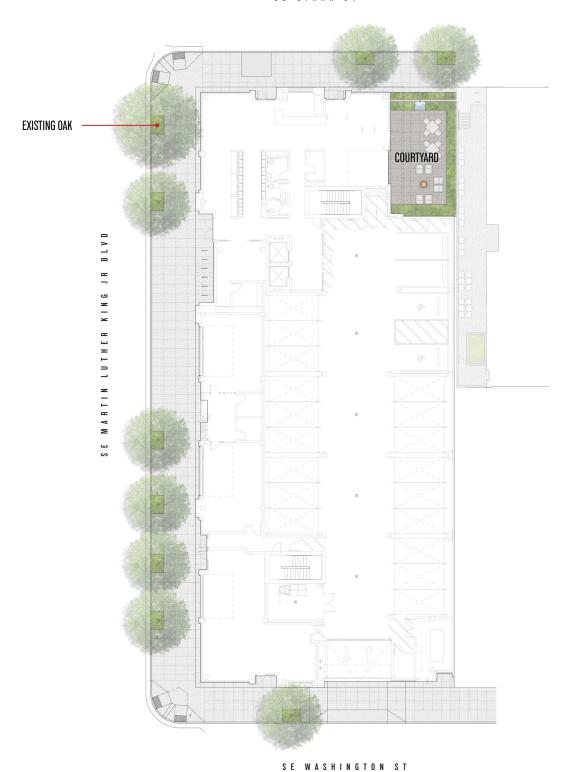
GROUND FLOOR - SITE ACCESS



SITE DESIGN - LANDSCAPE

- 1. Ground Floor Landscape
- 2. Courtyard Landscape
- 3. Level 2 and Roof Landscape

SE STARK ST





CHIONANTHUS RETUSUS
CHINESE FRINGETREE
SE MARTIN LUTHER KING JR BOULEVARD



ULMUS 'FRONTIER'
FRONTIER ELM
SE STARK STREET



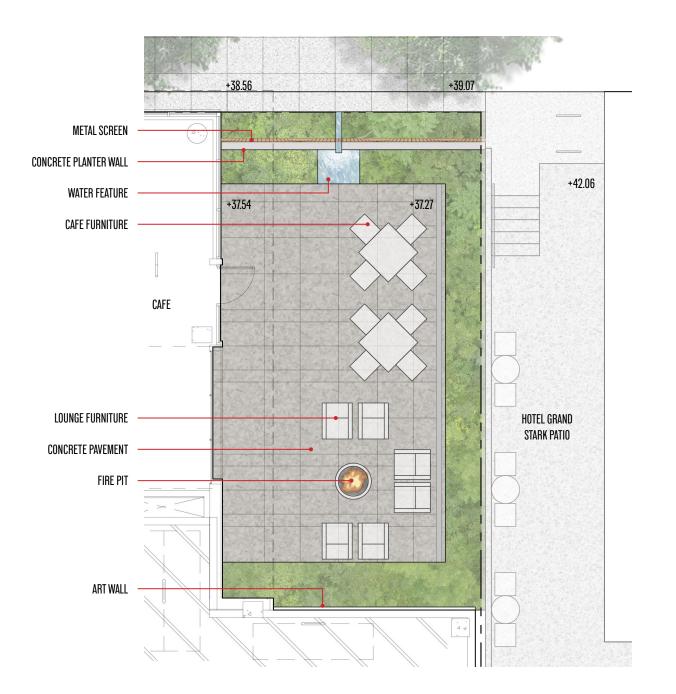
QUERCUS ACUTISSIMA SAWTOOTH OAK SE WASHINGTON STREET



LIRIOPE MUSCARI 'BIG BLUE BIG BLUE LILYTURF



LAVANDULA ANGUSTIFOLIA 'HIDCOTE BLUE'
HIDCOTE BLUE ENGLISH LAVENDER





NANDINA DOMESTICA Heavenly Bamboo



FATSIA JAPONICA Japanese aralia



POLYSTICHUM MUNITUM WESTERN SWORD FERN



LIRIOPE MUSCARI 'BIG BLUE' Big blue lilyturf

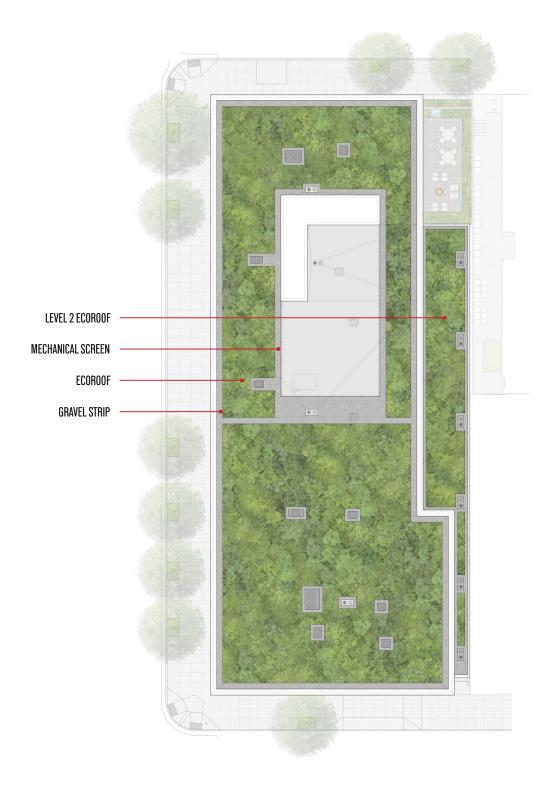


SARCOCOCCA HOOKERIANA 'HUMILIS' SWEETBOX



HYDRANGEA INTEGRIFOLIA 'TAIPING SHAN' TAIPING SHAN CLIMBING HYDRANGEA

design drawings **C.10**



GBD ARCHITECTS INCORPORATED | LANGO HANSEN • UDP | 550 MLK BLVD • NOVEMBER 15, 2021

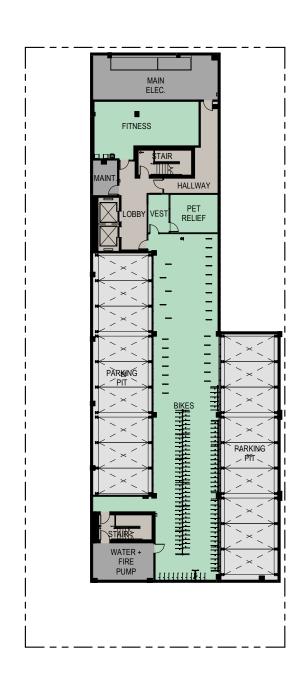


design drawings C.11



DESIGN DRAWINGS

- 1. Floor Plans
- 2. Building Elevations
- 3. Building Sections
- 4. Composite Sheets
- 5. Materials Pallette
- 6. Lighting Plans



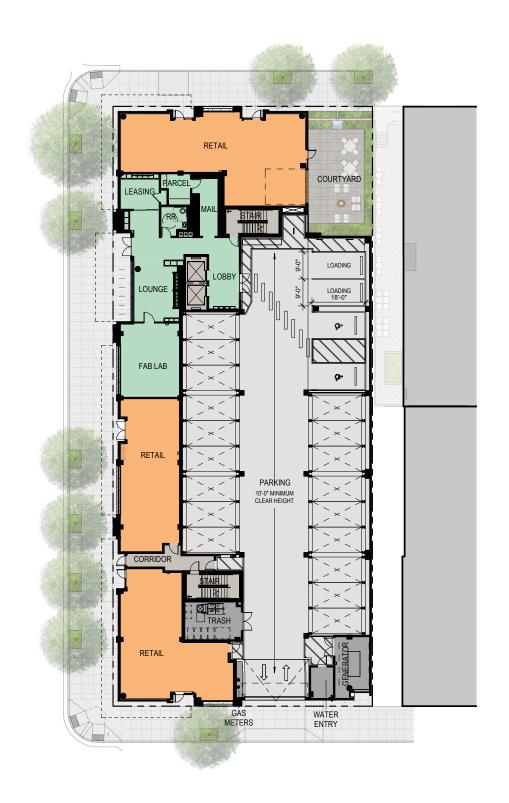
9,330 Total GSF (inc. UG Parkimg)

Bike Parking Stalls



BELOW GRADE FLOOR PLAN





15,578 Total GSF

3,973NSF of Retail Space

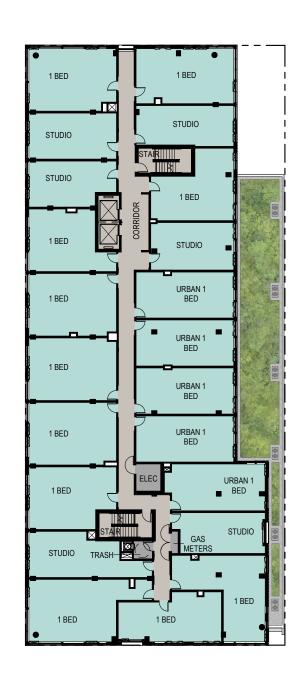
Short Term Bike Stalls

Bike Stalls



GROUND FLOOR PLAN





14,548 Total GSF

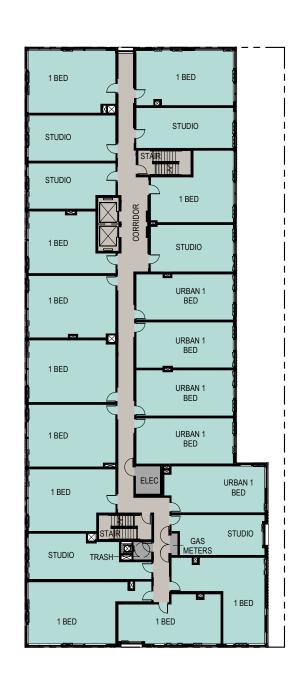
22

Units

In-Unit Bike Parking Stalls







14,548 Total GSF

22

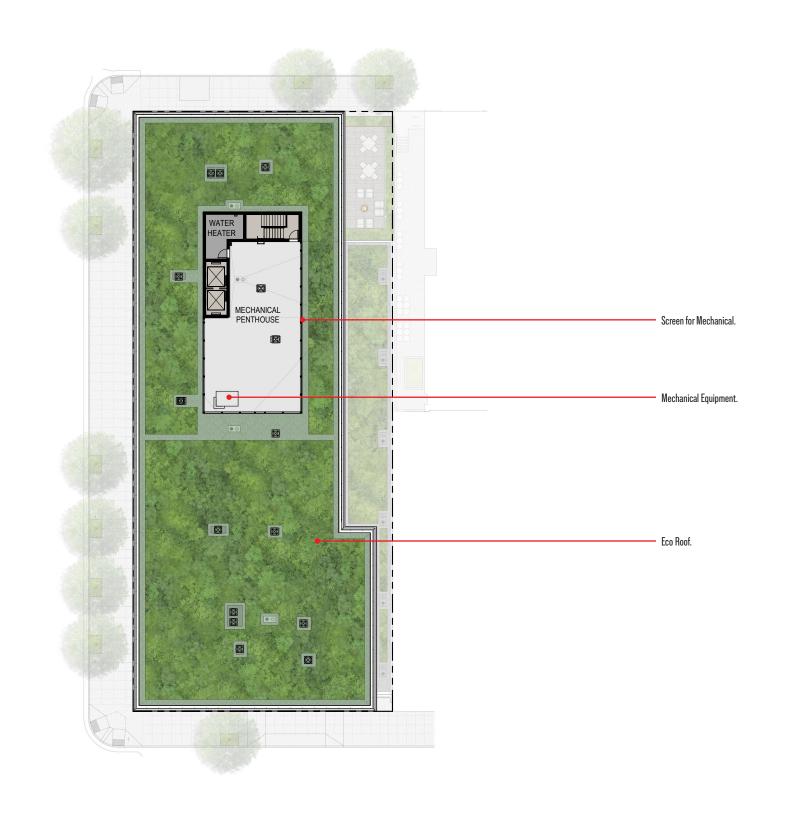
Units

In-Unit Bike Parking Stalls



TYPICAL PLAN - FLOOR 03-07











WEST ELEVATION









NORTH ELEVATION









EAST ELEVATION

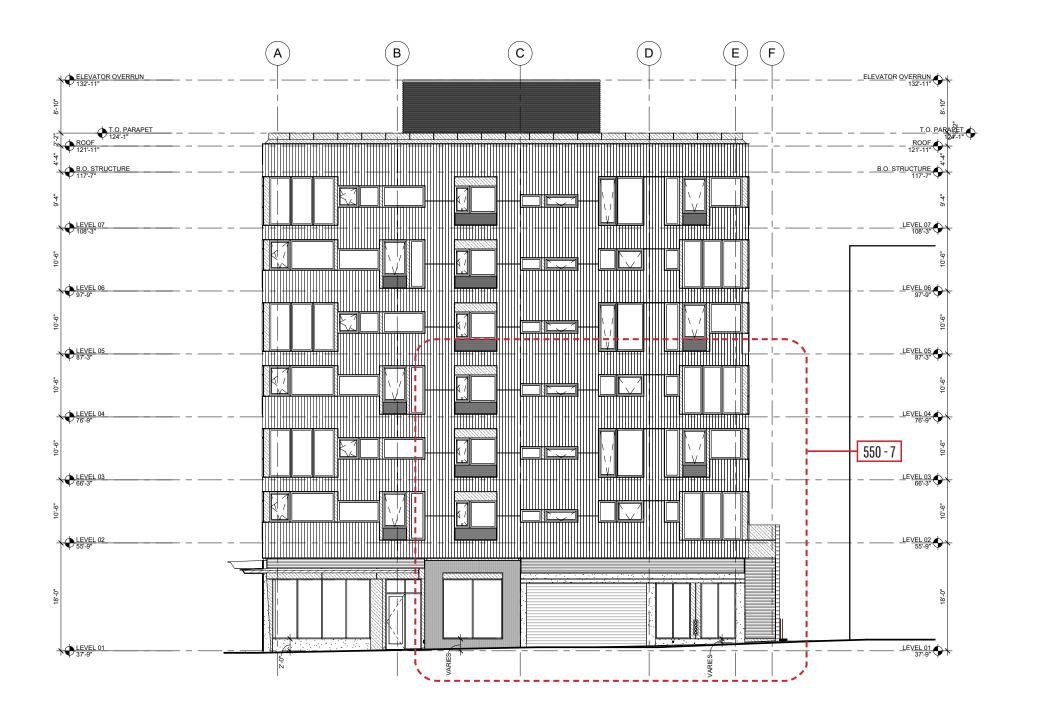




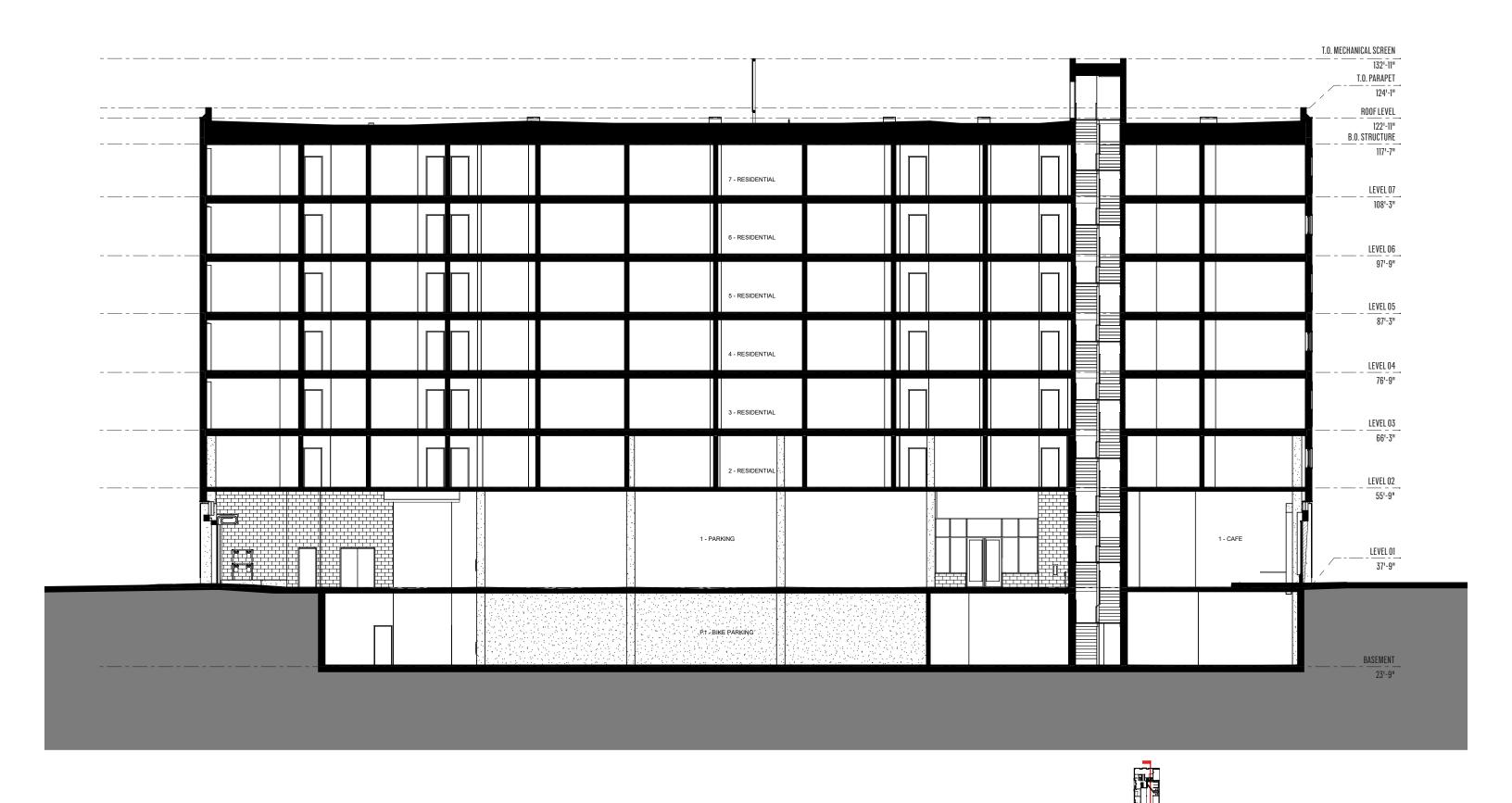


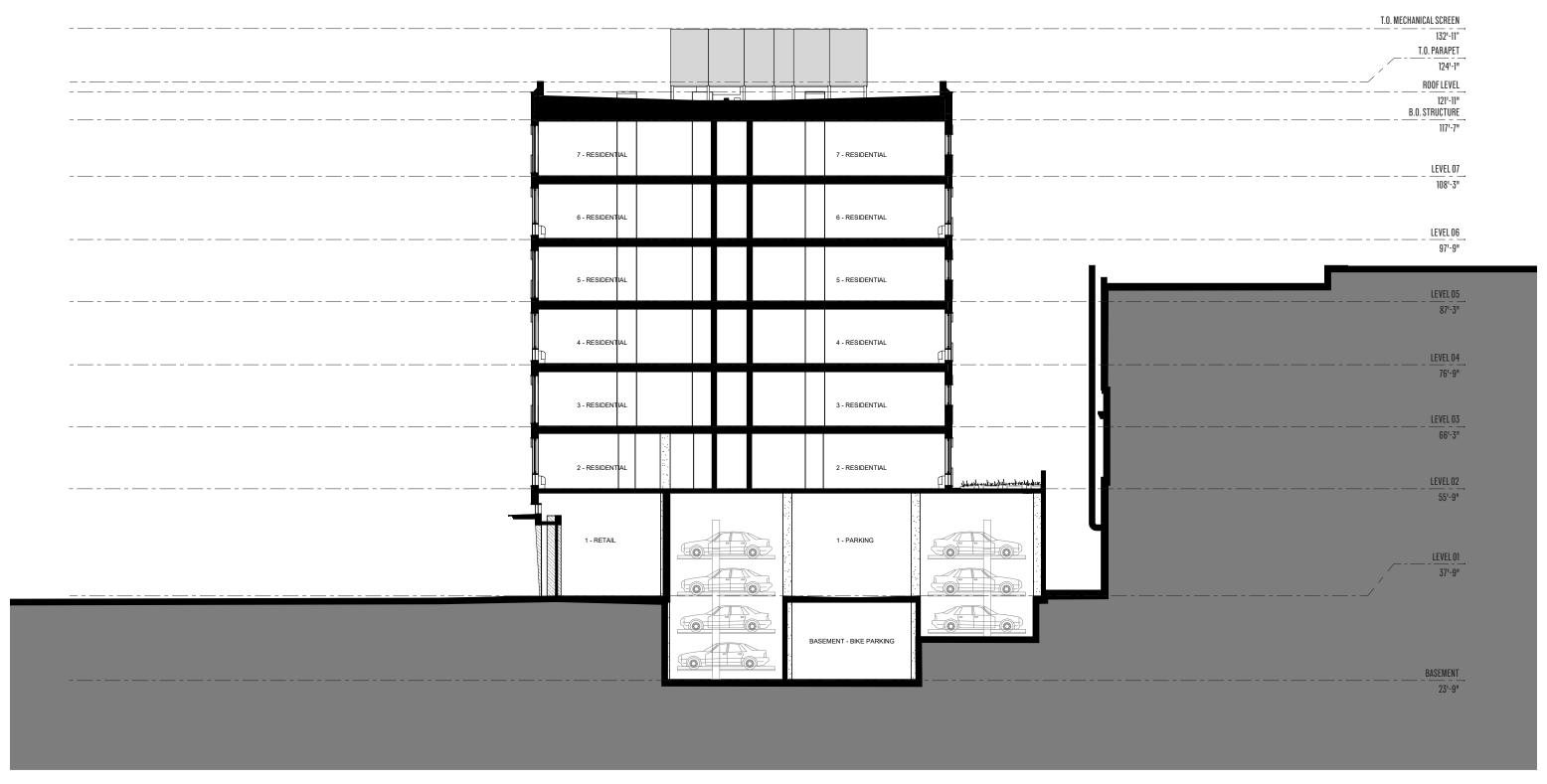


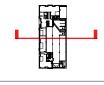
SOUTH ELEVATION



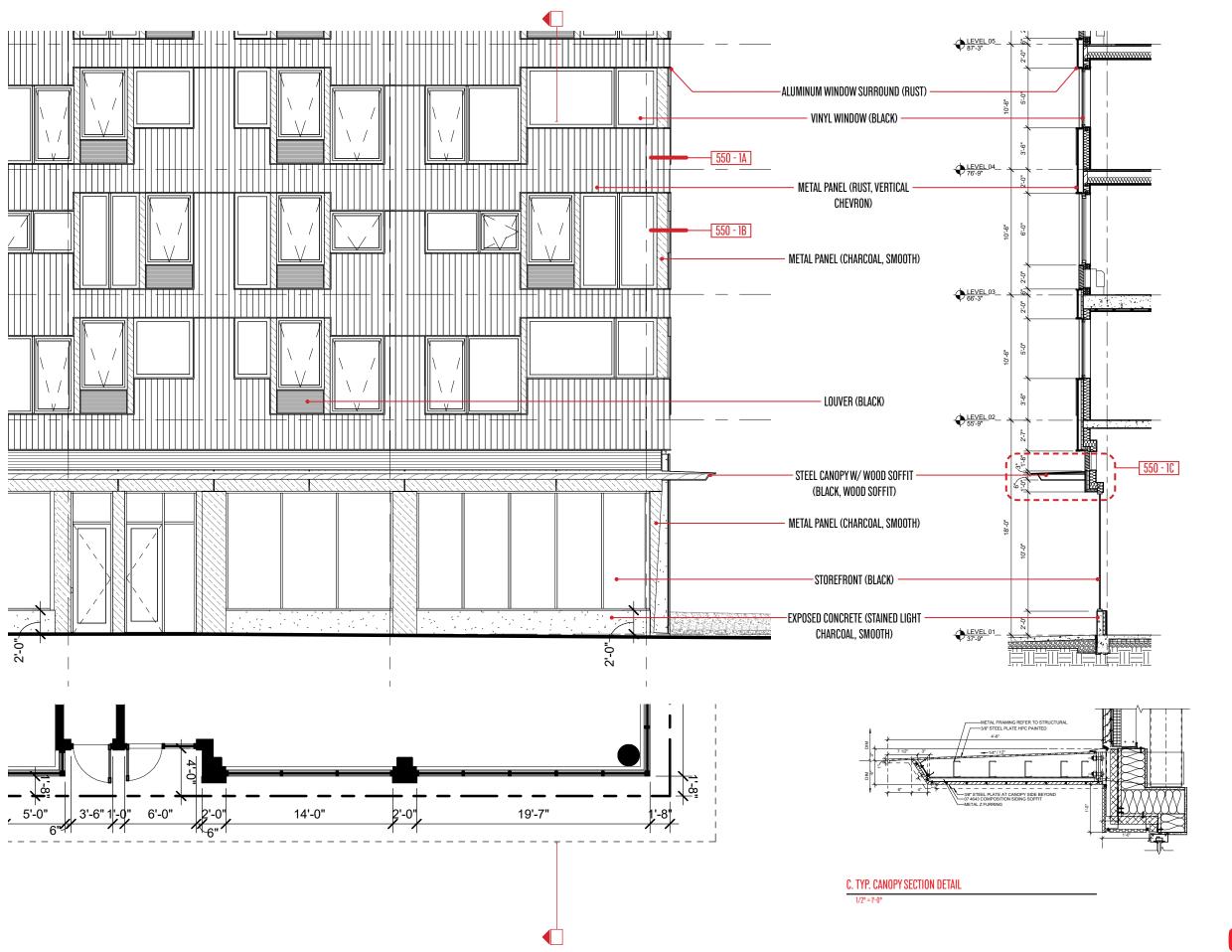


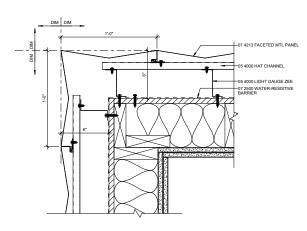




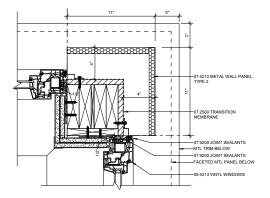


SECTION - NORTH





A. TYP. CORNER PLAN DETAIL AT CHEVRON METAL PANEL



B. TYP. CORNER PLAN DETAIL AT WINDOWS 1" = 1'-0"



COMPOSITE SHEET - 550:1

DESIGN DRAWINGS **C.28**





REPRESENTATIVE IMAGE OF VERTICAL CHEVRON METAL PANEL

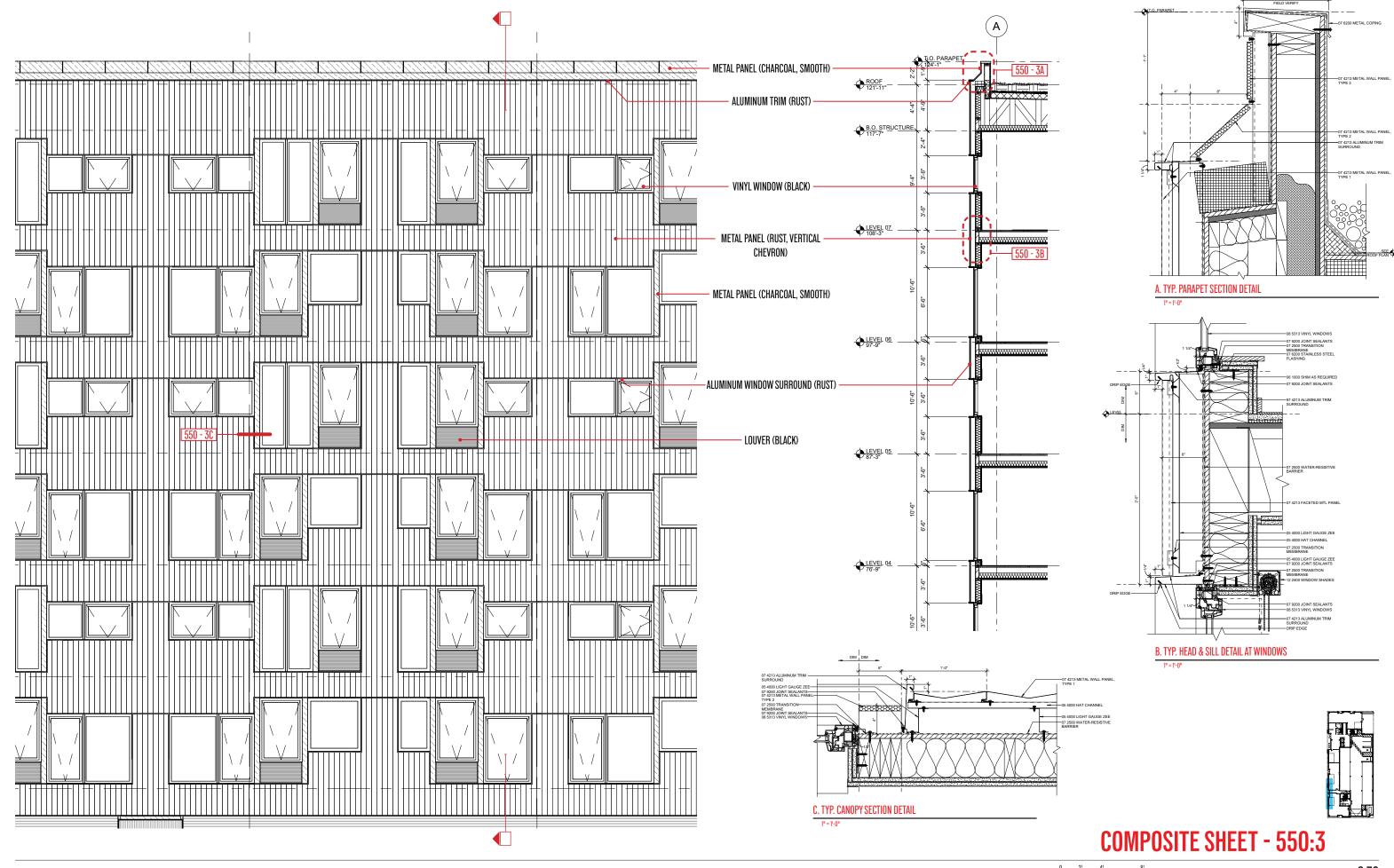


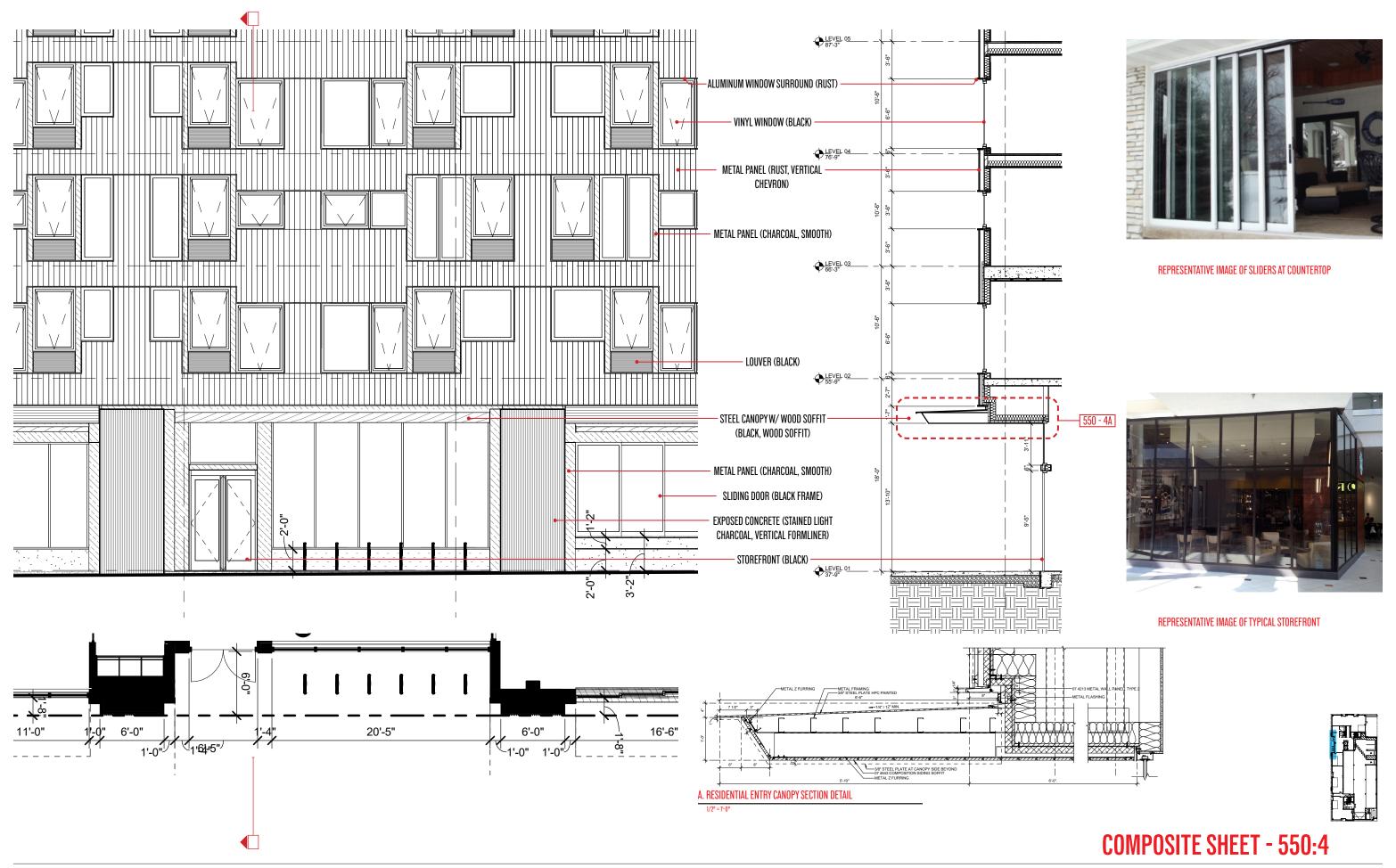
REPRESENTATIVE IMAGE OF RETAIL COUNTER AT SIDEWALK

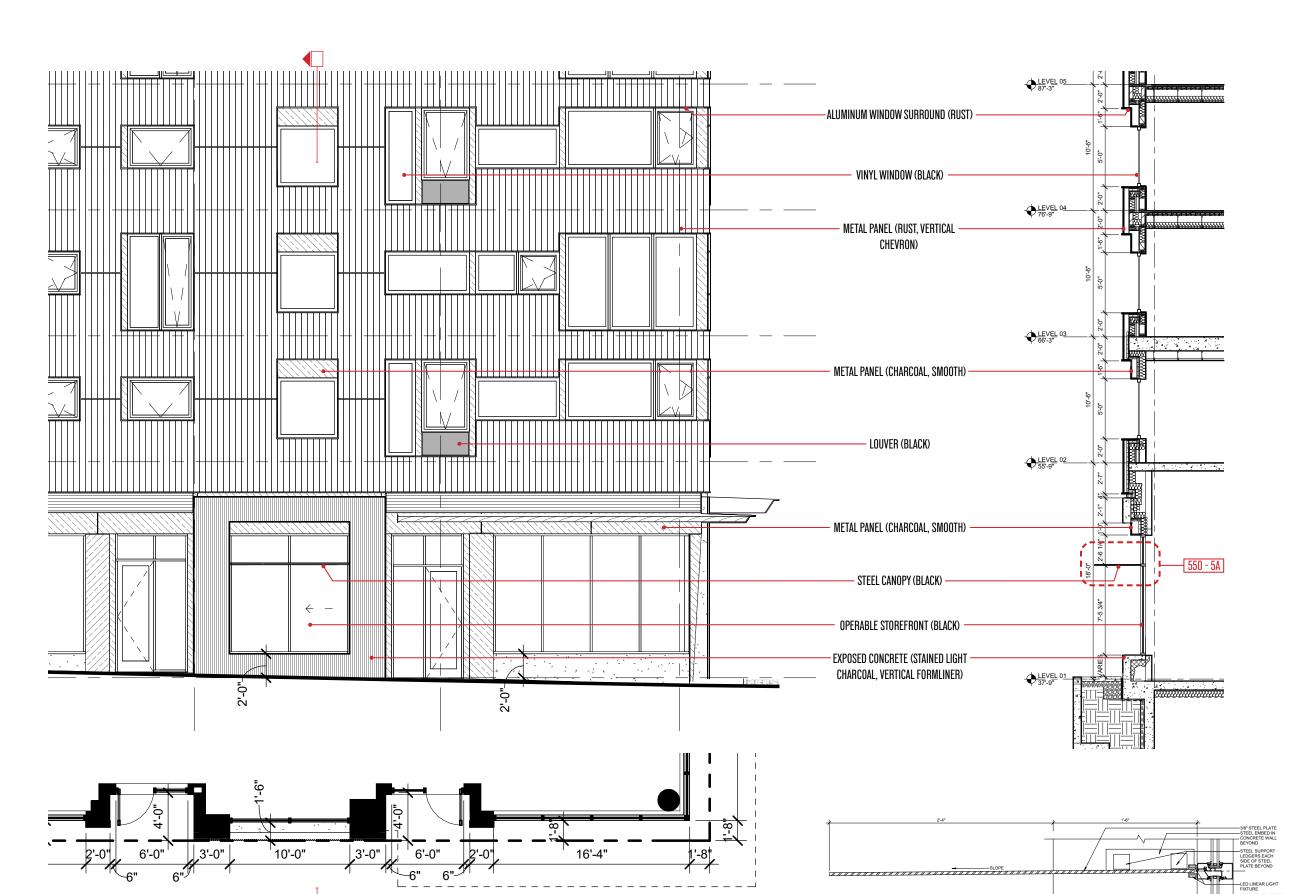


COMPOSITE SHEET - 550:2

0 2' 4' 8' DESIGN DRAWINGS C.29



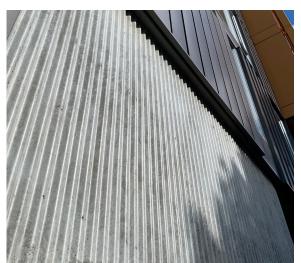




A. RETAIL WALK-UP WINDOW CANOPY



REPRESENTATIVE IMAGE OF OPERABLE STOREFRONT AT NORTH RETAIL

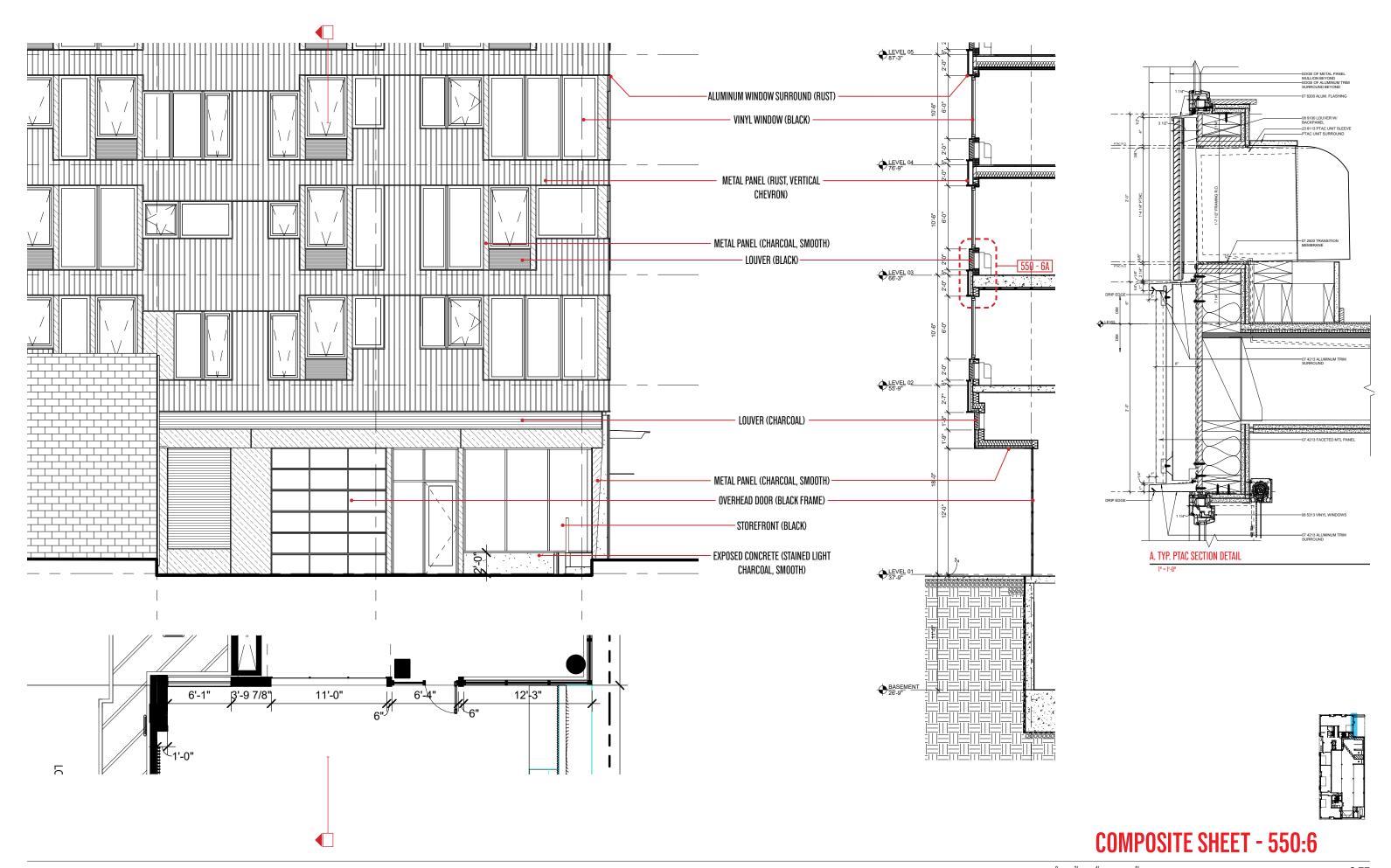


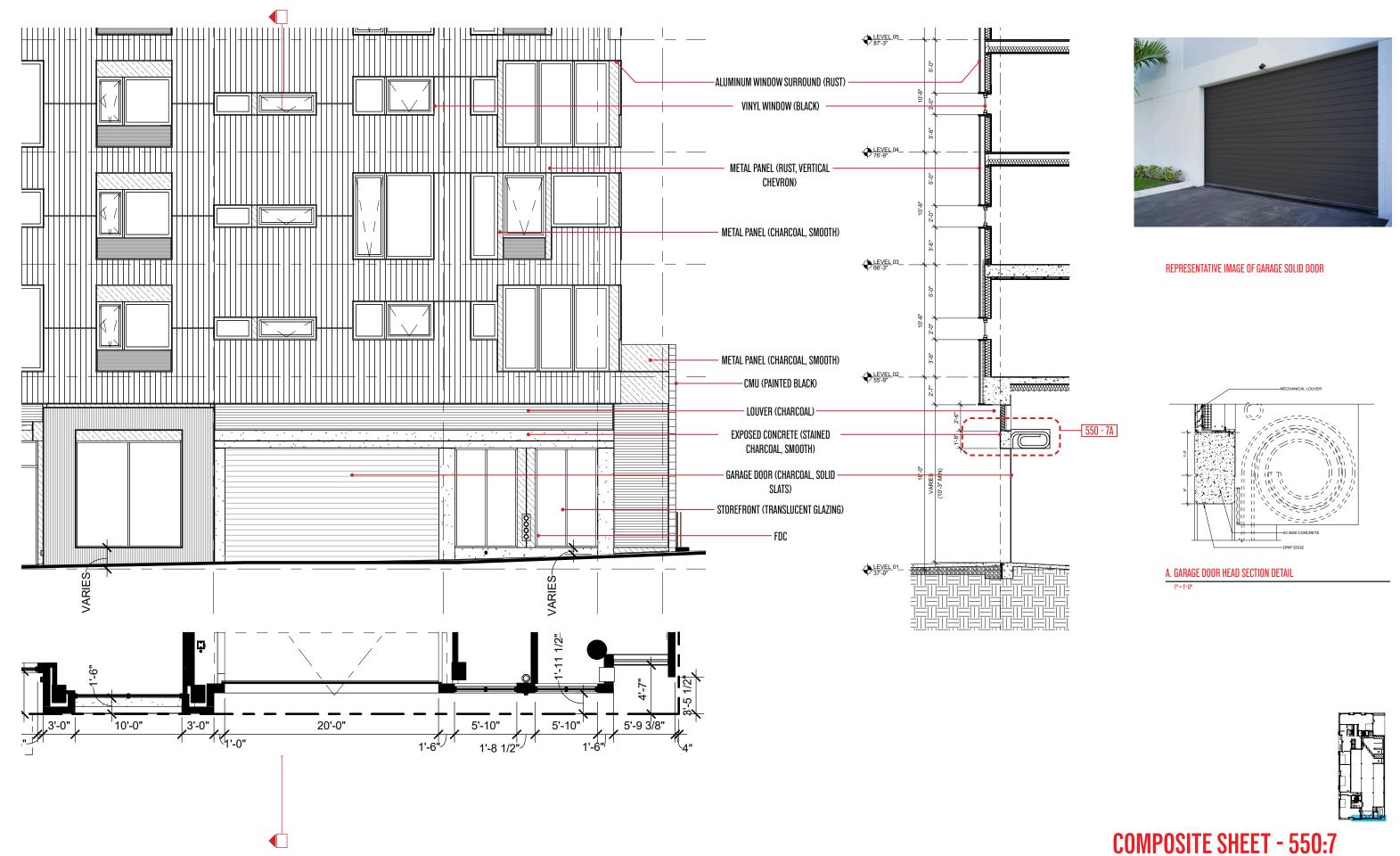
REPRESENTATIVE IMAGE OF EXPOSED STAINED CONCRETE WALL



COMPOSITE SHEET - 550:5

0 2' 4' 8' DESIGN DRAWINGS C.32

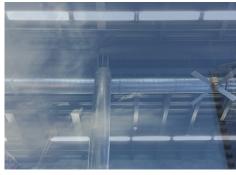








REPRESENTATIVE IMAGE OF BLACK WINDOW FRAMES AT VINYL AND STOREFRONT WINDOWS



REPRESENTATIVE IMAGE OF INSULATED GLAZING UNITS @ 12% REFLECTIVITY



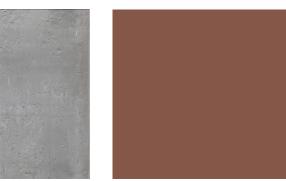
REPRESENTATIVE IMAGE OF CHARCOAL COLOR AT SMOOTH METAL PANEL (MP-2, ALUMINUM .040 GAUGE)



REPRESENTATIVE IMAGE OF BLACK COLOR AT PTAC LOUVERS, COLOR MATCHES WINDOWS (EXTRUDED ALUMINUM)



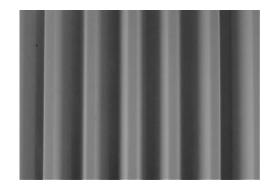
REPRESENTATIVE IMAGE OF LIGHT CHARCOAL STAINED CAST IN PLACE CONCRETE



REPRESENTATIVE IMAGE OF RUST COLOR AT CHEVRON METAL PANEL AND ALUMINUM SURROUND (MP-1, ALUMINUM .040)

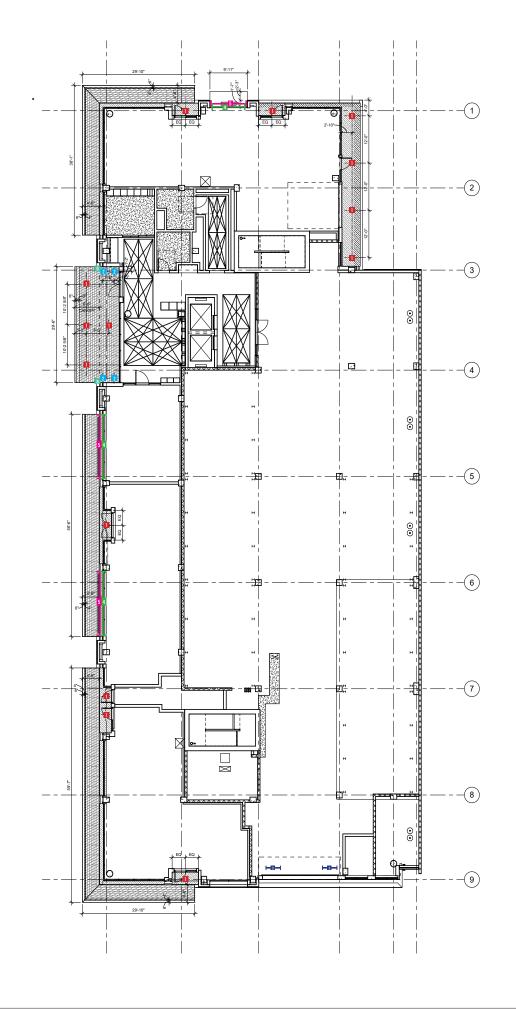


REPRESENTATIVE IMAGE OF CANOPY SOFFIT



REPRESENTATIVE IMAGE OF LIGHT CHARCOAL STAINED CAST IN PLACE CONCRETE WITH VERTICAL FORMLINER

MATERIAL PALETTE





BUILDING ENTRIES

INISH: TE

TYPE: 3" SQUARE DOWNLIGHT
MOUNT: RECESSED IN ENTRY SOFFITS



MAIN BUILDING ENTRY

FINISH:

TYPE: 3" SQUARE WALL WASHER MOUNT: RECESSED IN CANOPY



PARKING ENTRY LIGHTING

FINISH: TBD

TYPE: LINEAR STRIPLIGHT



OVER BAR LIGHTING

FINISH: 1

TYPE: OUTDOOR LINEAR LIGHT MOUNT: ABOVE BARS



5 UNDER BAR LIGHTING

FINISH: T

TYPE: OUTDOOR LINEAR LIGHT MOUNT: UNDER BARS

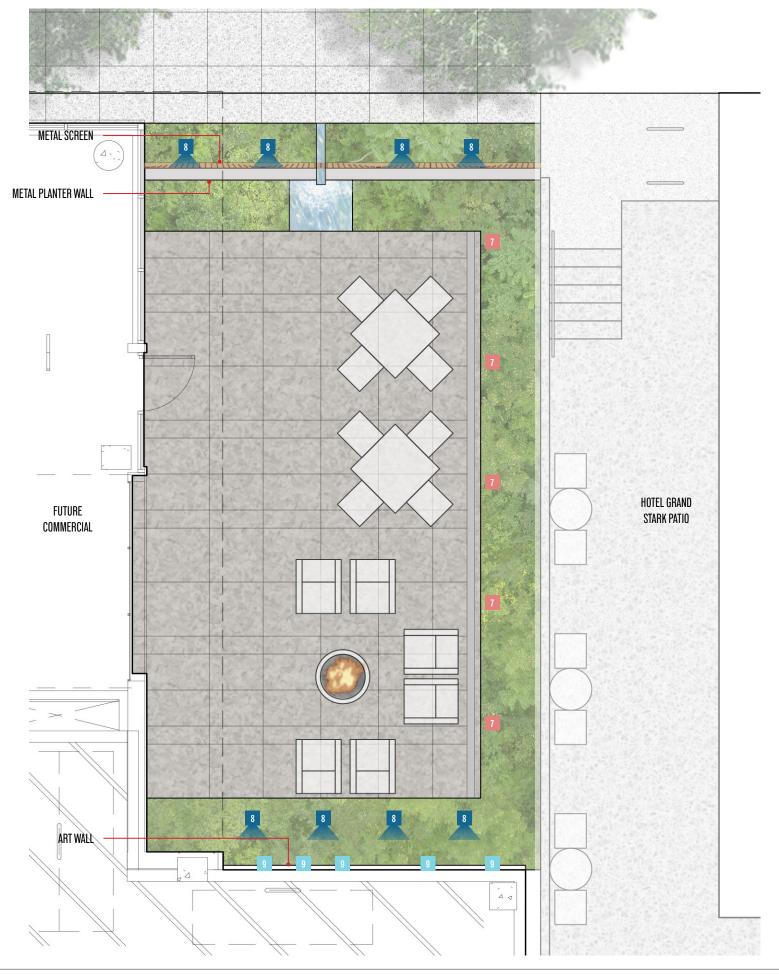


MAIN CANOPY UPLIGHT

FINISH: TBI

TYPE: INGRADE UPLIGHT
MOUNT: RECESSED

EXTERIOR LIGHTING PLAN - GROUND FLOOR





7 COURTYARD BOLLARD

FINISH:

TYPE: 2" DIA X 27" TALL BOLLARD MOUNT: INGRADE PLANTERS



COURTYARD UPLIGHT

INISH: TI

: 3" X 12" ASYMMETRIC LOUVER BEAM LIGHT

MOUNT: PLANTER STAKE MOUNTING



ART WALL LINEAR LIGHT

TR HPINIS

YPE: 3/4" W X 1/4"H CHANNEL LINEAR LIGHT

MOUNT: SURFACE

EXTERIOR LIGHTING PLAN - COURTYARD

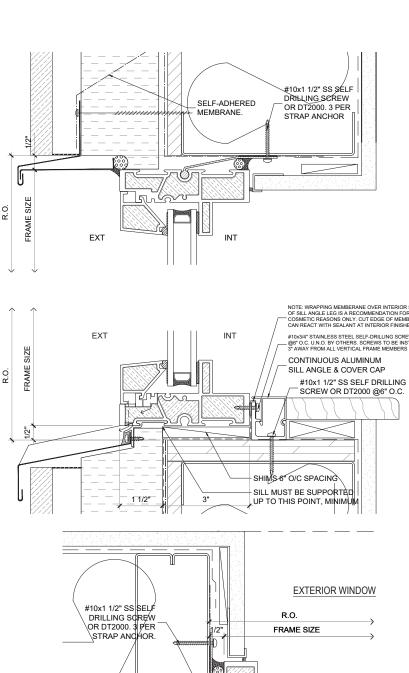


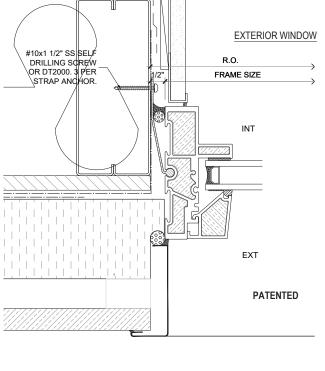
PRODUCTS - CUT SHEETS

- 1. Window Systems
- 2. Cladding
- 3. Louvers
- 4. Overhead Doors



01 - Typical Ground Floor Storefront System - product







02 - Typical Ground Floor Storefront System

CUT SHEETS: GLAZING SYSTEMS

SLIDING GLASS DOOR SYSTEMS



Effortlessly open up your space to the outdoors.

Sliding glass door systems expand the view of any living space and can be used as external entryways or transitions between two interior spaces. Motorization options, pocketing possibilities, countless custom configurations, and expansive panel sizes make our sliding glass doors a flexible design element that complements any space. Where engineering allows, a pocket system can be added so the doors are completely hidden from view while open, creating an unobstructed view. Solar Innovations® also recommends the addition of a screen system for residential applications; both pet and insect screens are available to meet the individual needs of a specific project.

FEATURES

PANFI

- Motorized panels and screens possible with wireless remote, keypad, motion sensor, or infrared sensor
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Weather tight jamb interlock provides outstanding air and water performance
- Non-thermal frame available if desired

GLAZING:

 Designed to accommodate almost any glazing infill including panels, glass, acrylic, and polycarbonate

HARDWARE

- · Custom manufactured operable hardware
- Multiple hardware styles and finishes
- Multiple sill designs, including high performance sill
- Stainless steel rollers with precision bearings
 - 3" rollers for minimum panel width of 30"
 113/16" rollers for minimum panel width of 20"
 - Smaller panels may be available upon engineering approval

OPTIONS

FINISHES

- Standard finishes
 - · AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer finishes
 - AAMA 2603: Hartford Green, Black, Natural Clay, Sandstone
- Custom finishes
 - Powder coat finish: AAMA 2604 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 2605
- Wood veneer, metal cladding, and foiling options
- Dual color or dual finish options

ACCESSORIES:

- Matching fixed transoms & sidelites
- Screen options: folding, sliding, retractable
- Mullions, decorative muntins, simulated divided lites (SDLs), interior & exterior grids
- No post 90° corners possible
- · Pocketing options: single or double sided
- · Factory installed sill drain tubes, if required

solarinnovations.com | 800 618 0669 | 31 Roberts Road, Pine Grove, PA 17963 | Rev 8.24.21

01 - Sliding Doors at Retail

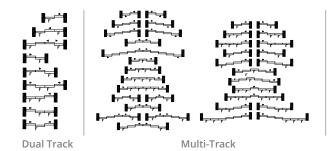






Additional configurations are available.

CONFIGURATIONS



 G-H
 H-D
 G-++-D

 G-+-H
 H-D
 G-++-D

 G----H
 H-D
 G-++-D

 G----H
 H-D
 G-++-D

 G----H
 H-D
 G-++--D

 G----H
 H-D
 G-++--D

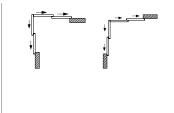
 G----H
 H-D
 G-++--D

 G----H
 H-D
 G-++--D

 G----H
 H-D
 G-----D

 G----H
 H-D
 G------D

 G----H
 H-D
 G--------D



02 - Examples and configurations

Multi-Track Pockets No Post Corner solarinnovations.com | 800 618 0669 | 31 Roberts Road, Pine Grove, PA 17963 | Rev 8.24.21

CUT SHEETS: SLIDING DOORS AT RETAIL

BOX RIB 1

PRECISION SERIES WALL PANELS

MATERIALS

.032 aluminum 24 gauge steel .040 aluminum 22 gauge steel

.050 aluminum

SPECS

12.853" Wide 1-3/8" High

Note: Minimum panel length is 4'







PRODUCT FEATURES

- No-clip panel, or clip installation for expansion/contraction
- Panel depth 1-3/8" nominal
- Panel width of 12.853" nominal
- ▶ Cost-effective installation
- ▶ Horizontal or vertical orientation

Panel length: 30' maximum for steel

Panel length: 22' maximum for aluminum on the thru-fastened leg (no clip), longer lengths available on clip panels

MATERIALS

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 16 stocked colors (22 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)

- 22 stocked colors (.040 aluminum)
- ▶ 29 stocked colors (.050 aluminum)
- ▶ Galvalume Plus available

TESTS

- ▶ ASTM E 283
- ASTM E 331
- ASTM E 330
- ▶ ASTM E 1592

Note: Line drawings may not be to scale.



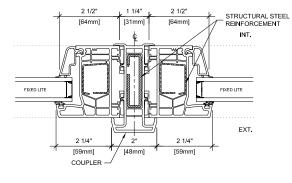
800 PAC CLAD | PAC-CLAD.COM

©2020 Petersen Aluminum

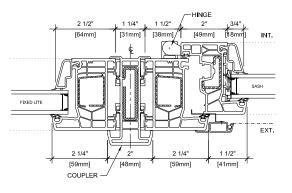
01 - Penthouse Cladding and Screen Wall



8. H-COUPLER AT FIXED/FIXED

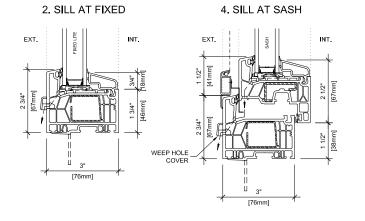


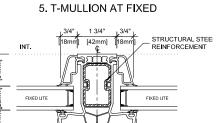
9. H-COUPLER AT FIXED/SASH



02 - Typical Residential Windows

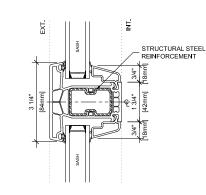
1. HEAD/JAMB AT FIXED 3. HEAD/JAMB AT SASH STRUCTURAL STEEL REINFORCEMENT INSECT SCREEN



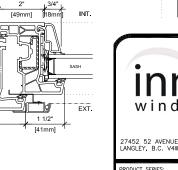


6. T-MULLION AT SASH

STRUCTURAL STEEL REINFORCEMENT



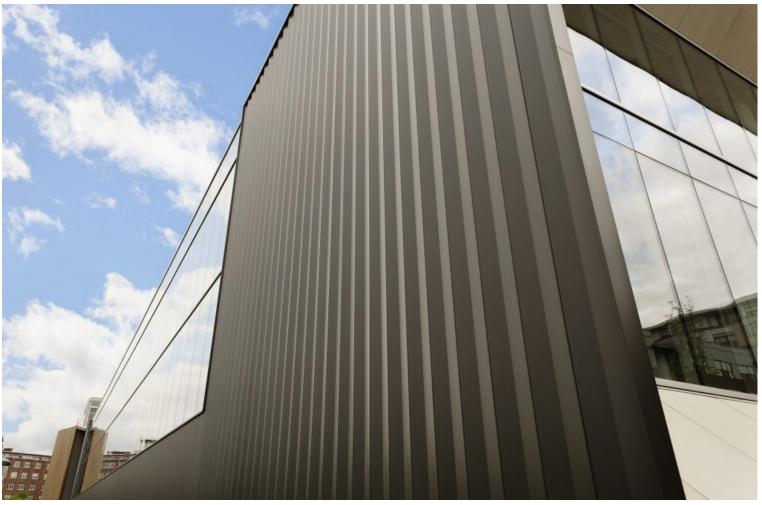
10. HORIZONTAL SASH BAR



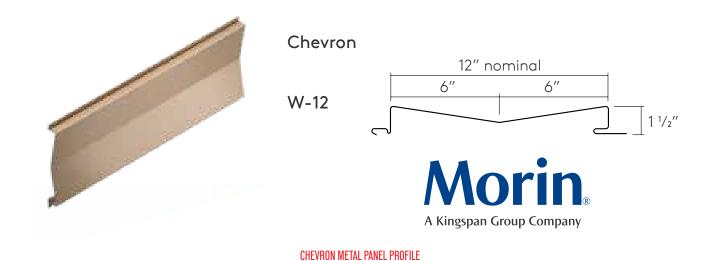


CUT SHEETS: CLADDING & WINDOWS

DESIGN DRAWINGS C.41 GBD ARCHITECTS INCORPORATED | LANGO HANSEN • UDP | 550 MLK BLVD • NOVEMBER 15, 2021



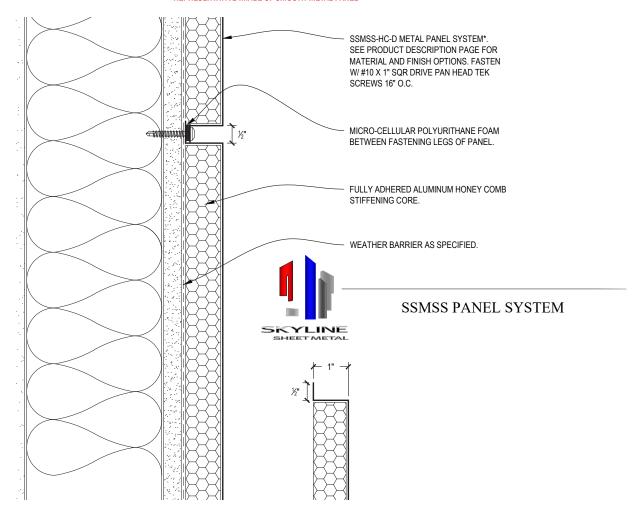
REPRESENTATIVE IMAGE OF VERTICAL CHEVRON METAL PANEL



01 - Chevron Metal Panel

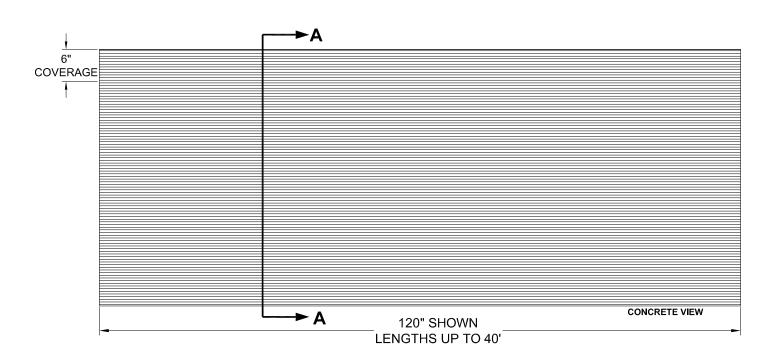


REPRESENTATIVE IMAGE OF SMOOTH METAL PANEL



02 - Smooth Metal Panel

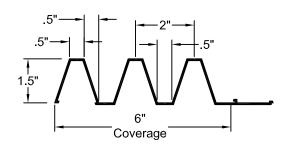
CUT SHEETS: CLADDING





SECTION A-A





FORMLINER DETAIL



PATTERN 14303 Fluted Rib

1.5" Depth, 2" On Center VinyLok [®]
Styrene - Single Use.

Part Size: 6" coverage, lengths up to Max Depth: 1.5"
On Center: 2.0"
Peak: 0.5"
Valley: 0.5"

01 - Vertical Concrete Formliner







- Real wood with no restaining, resealing, repainting.
- Resistant against mold and insect infestation.
- Protection against the elements: Permeability, solar and acoustic protection.
- Color stability against UV-ray damage.
- Easily adaptable to any kind of architectural requirement.



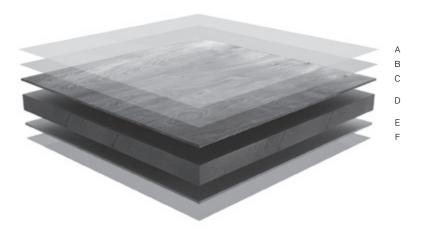








REPRESENTATIVE IMAGE OF CANOPY SOFFIT MATERIAL



CANOPY SOFFIT MATERIAL CROSS SECTION

PVDF Antigraffiti overlay

Everlook[®]

C Natural timber veneer

> **D** HPL core

E Natural timber veneer

> **F** Balancing film

02 - Canopy Soffit

CUT SHEETS: CLADDING



ESJ-202

Stationary Louver J Blade

Application and Design

ESJ-202 is a weather louver designed to protect air intake and exhaust openings in building exterior walls. Design incorporates J style blades, sloped sill and high free area to provide maximum resistance to rain and weather while providing minimum resistance to airflow. The ESJ-202 is an extremely efficient louver with AMCA LICENSED PERFORMANCE DATA enabling designers to select and apply with confidence.

Standard Construction

FrameHeavy gauge extruded 6063-T5 aluminum, 2 in. x 0.063 in. nominal wall thickness

0.063 in. nominal wall thickness, positioned at 45° angles on approximately 3 in. centers

Construction...Mechanically fastened

Birdscreen....3/4 in. x 0.051 in. flattened expanded aluminum in removable frame, inside mount (rear)

Finish......Mill

Minimum Size...6 in. W x 6 in. H

Maximum Single

Section Size ... 120 in. W or 120 in. H. (limited to 70 ft. sq.)

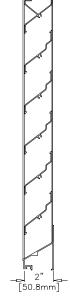
Options (at additional cost)

- A variety of bird and insect screens
- Blank off panel
- Clip angles
- Extended sill
- Filter rack
- Flanged frame
- Glazing adaptor
- Hinged frame Security bars
- Welded construction
- A variety of architectural finishes including: Clear anodize

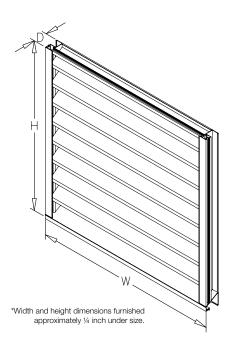
Integral color anodize

Baked enamel paint

Kynar paint







01 - Ground Floor Louvers - Heavy gauge extruded 6063-T5 aluminum

AEL-42

Thinline Louver

Architectural Decorative Louver

RELIZITE

APPLICATION

The AEL-42 louver is a 1.122" deep thinline stationary louver that is primarily used for PTAC, glazing mechanical screen and other aesthetic applications where water penetration is not a concern.

STANDARD CONSTRUCTION

Frame	Extruded aluminum; 6063-T6;		
	$42^{\rm o}$ architectural decorative louver face and end views for illustration purposes only.		
	A as required, not to exceed 120" (3048) per section.		
	B as required , not to exceed 84" (2134) per section.		
Blades	Standard blade thickness 0.064" and blade spacing .775 (19) with a variety of perimeter frames available.		
Brace Bars	Brace bar as required, not to exceed 16" (406).		

^{*}Consult Reliable for larger sizes/multiple sections.

FEATURES

- Thin depth for limited space applications
- High free area
- · Availability with a variety of frame styles
- · Corrosion resistant, all aluminum construction
- · Outstanding durability and low maintenance

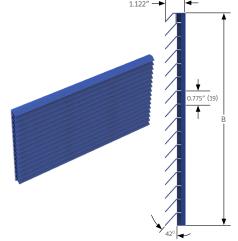
VARIATIONS

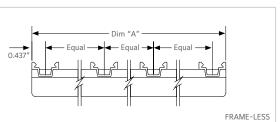
Variations to the basic design of the louver are available at additional cost. They include:

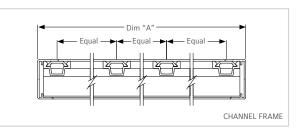
- See AEL frames for perimeter frame options
- □ 1" (25) blade spacing
- Exterior mounting holes as required
- Heavier blades available
- Aluminum sheet blankoff
- □ Blank off with 1" (25) insulation
- □ Blank off with 2" (51) insulation

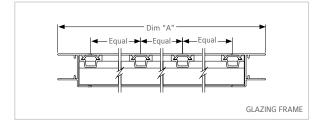
FINISH TYPE

- □ Prime coat
- □ Baked Enamel 50% PVDF
- □ Pearledize 50 & 70
- □ 50 & 70 PVDF
- Clear and color anodize *Consult Reliable for other special requirements.









02 - PTAC Louvers - Extruded aluminum: 6063-T6

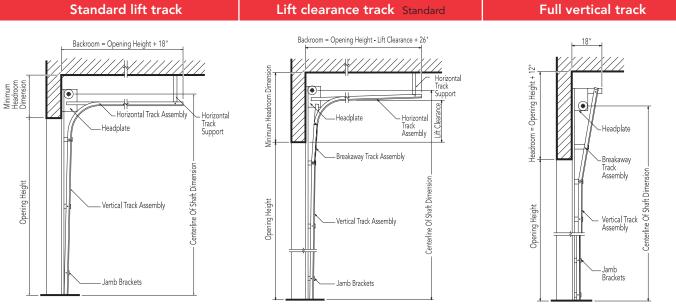
CUT SHEETS: LOUVERS

DESIGN DRAWINGS C.44 GBD ARCHITECTS INCORPORATED | LANGO HANSEN ● UDP | 550 MLK BLVD ● NOVEMBER 15, 2021

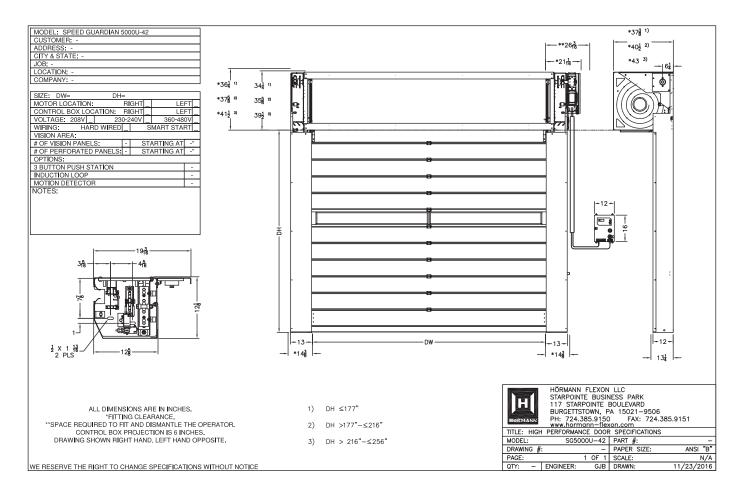
Track detail

Any of the following track configurations can be selected for 511, 521 and 522 Aluminum door models.

O.H.=Opening height L.C.=Lift clearance D.H.=Door height









CUT SHEETS: OVERHEAD DOORS