# TABLE OF CONTENTS

#### **APPENDIX**

CIVIL DRAWINGS AND DIAGRAMS C.47

Survey | C.48

Stormwater Management Plan | C.49

Utility Site Plan | C.50

DIAGRAMS AND CONTEXT C.51

Concept Diagrams | C.52 Context Photos | C.55

BIRD SAFE GLAZING C.58

Elevation Diagrams | C.59
Bird Safing Materials | C.63

RENDERINGS C.64

Full-Building Renderings | C.65

Landscape Renderings | C.68

Lighting Rendering | C.72

Streetscape Vignettes | C.73

MODIFICATIONS C.82

Ground Floor Retail Depth at MLK | C.83 Ground Floor Windows at Washington | C.87

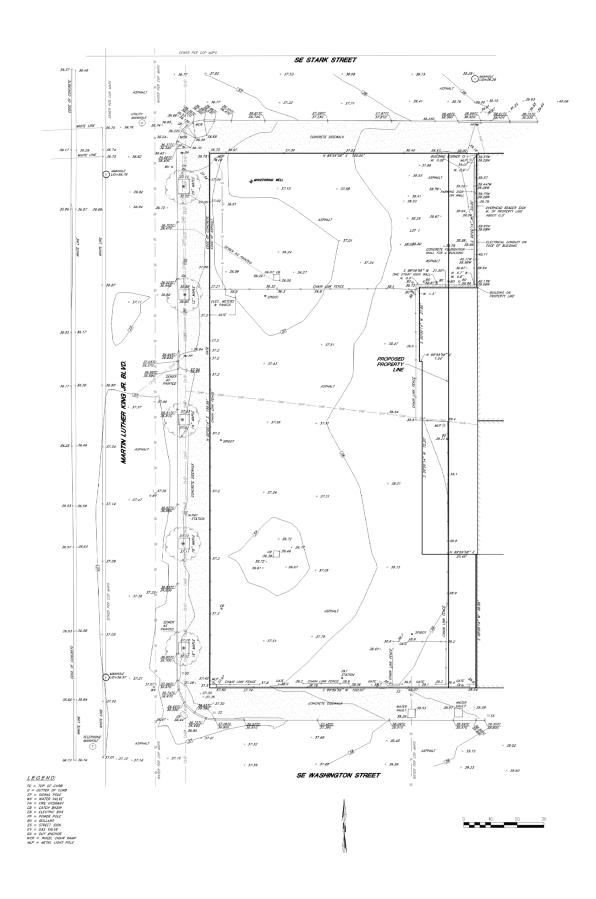
DESIGN DRAWINGS: APPENDIX C.46

C.46

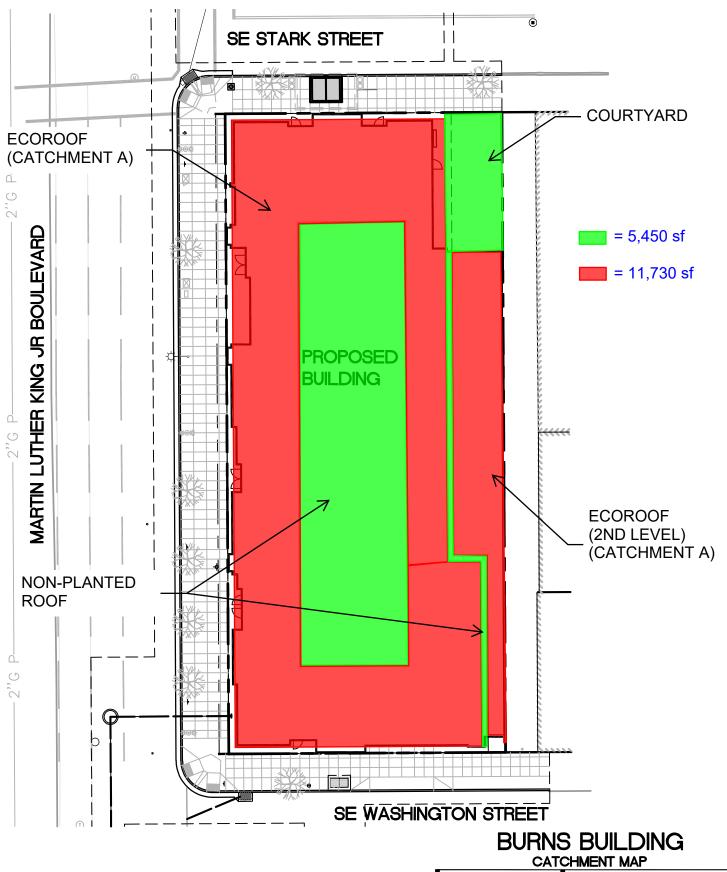


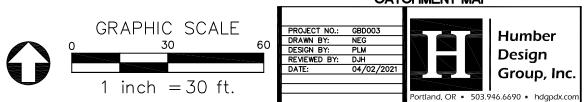
### **CIVIL DRAWINGS AND DIAGRAMS**

- 1. Survey
- 2. Stormwater Management Plan
- 3. Utility Plan



C.48

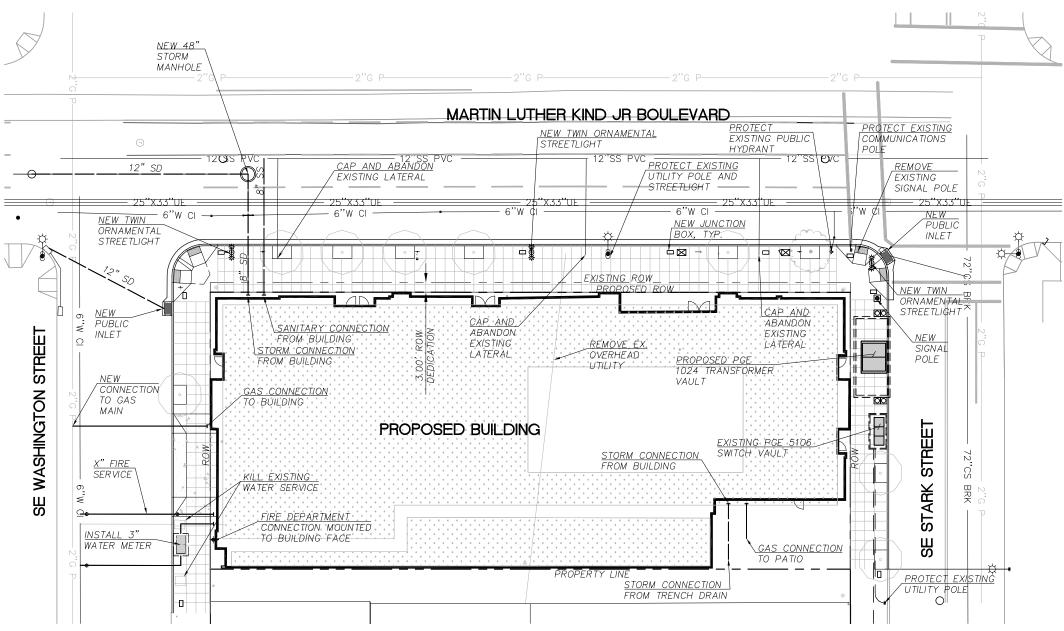




#### STORMWATER MANAGEMENT PLAN



C.49



#### STORMWATER NARRATIVE

#### PRIVATE SITE:

WATER QUALITY CONTROL IS MET WITH 12,040SF OF ECOROOF LOCATED ON THE ROOF AND PART OF THE 2ND LEVEL. THE ECOROOF IS SIZED TO TREAT ALL NEW SITE IMPERVIOUS AREA.

WATER QUANTITY
WATER QUANTITY CONTROL IS ALSO MET WITH AN ECOROOF WHICH IS SIZED AT A MINIMUM DEPTH OF 4" INCLUDING GREATER THAN 4" OF GROWING MEDIUM.

INFILTRATION IS NOT POSSIBLE DUE TO FILL MATERIAL, AND POOR INFILTRATION RATES. OVERFLOWS FROM THE ECOROOF WILL BE PIPED TO THE 12" STORM-ONLY SEWER PIPE IN SE MARTIN LUTHER KING JR BLVRD REQUIRING A PUBLIC STORM MAIN EXTENSION. THE PROJECT WILL FALL UNDER LEVEL 3 OF THE STORMWATER DISPOSAL HIERARCHY BECAUSE THE STORM-ONLY SEWER DISCHARGES DIRECTLY TO A COMBINED SEWER.

#### PUBLIC STREET IMPROVEMENTS:

A 3FT ROW DEDICATION WILL OCCUR ALONG SE MLK; THEREFORE STORMWATER MANAGEMENT WILL BE REQUIRED FOR THE 3' OF ADDITIONAL SIDEWALK. THIS AREA WILL BE MANAGED THROUGH TREE CREDITS AND A SRSC. STORMWATER MANAGEMENT ALONG WASHINGTON AND STARK IS NOT REQUIRED BECAUSE THE SIDEWALK WILL BE REPLACED IN-KIND.

#### UTILITY CONTACT LIST

PORTLAND GENERAL ELECTRIC BRYAN SWAN 503-736-5411

BRYAN.SWAN@PGN.COM

WATER BUREAU

BENJAMIN KERSENS 503-865-6370

503-242-2007 BENJAMIN.KERSENS@PORTLANDOREGON.GOV RICK.EISENBLATTER@CENTURYLINK.COM

BUREAU OF ENVIRONMENTAL SERVICES

ROSA LEHMAN 503-823-5519

ROSA.LEHMAN@PORTLANDOREGON.GOV

TODD ROYER 971-801-5610

NATURAL GAS:

JEREMY LORENCE

**COMMUNICATIONS:** 

RICK EISENBLATTER

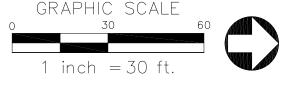
503-367-4984

NW NATURAL

**CENTURYLINK** 

TODD\_ROYER@COMCAST.COM

JEREMY.LORENCE@NWNATURAL.COM



**UTILITY SITE PLAN** 

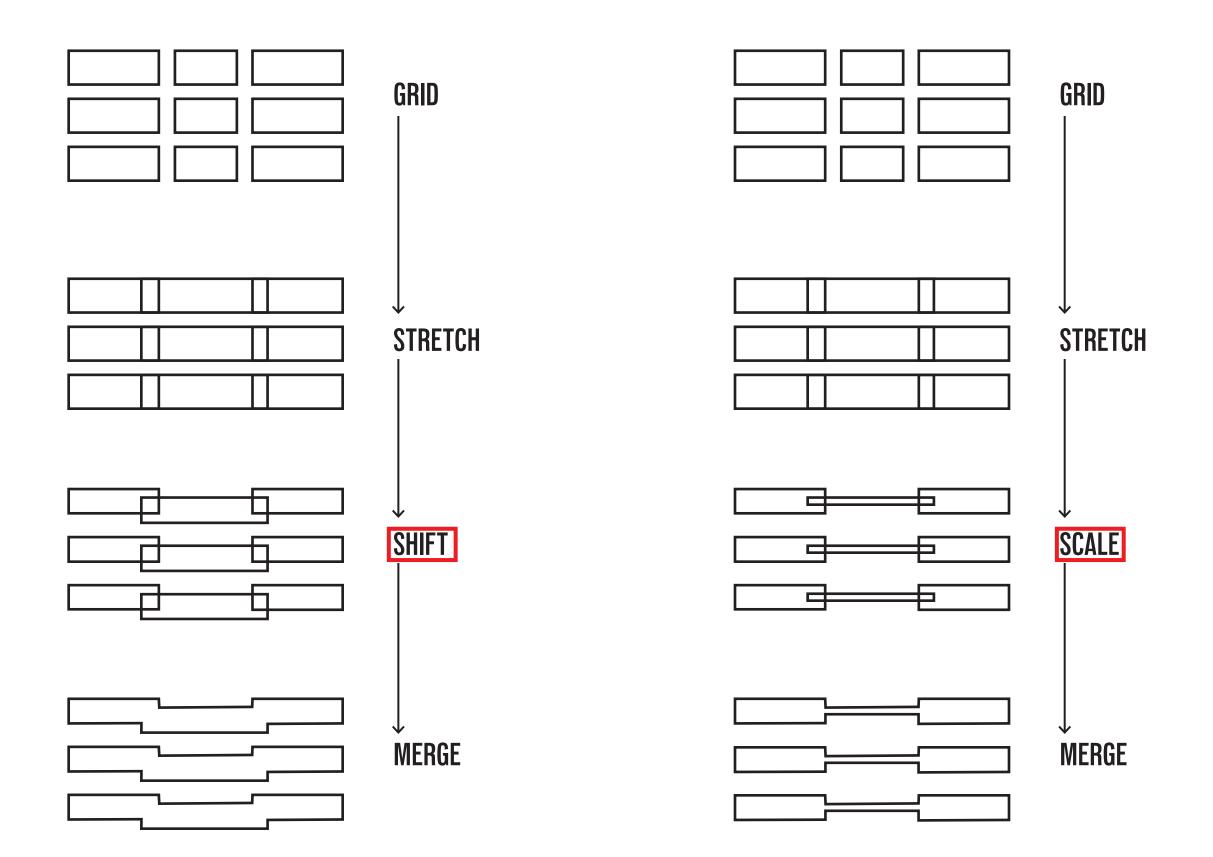




## **DIAGRAMS AND CONTEXT**

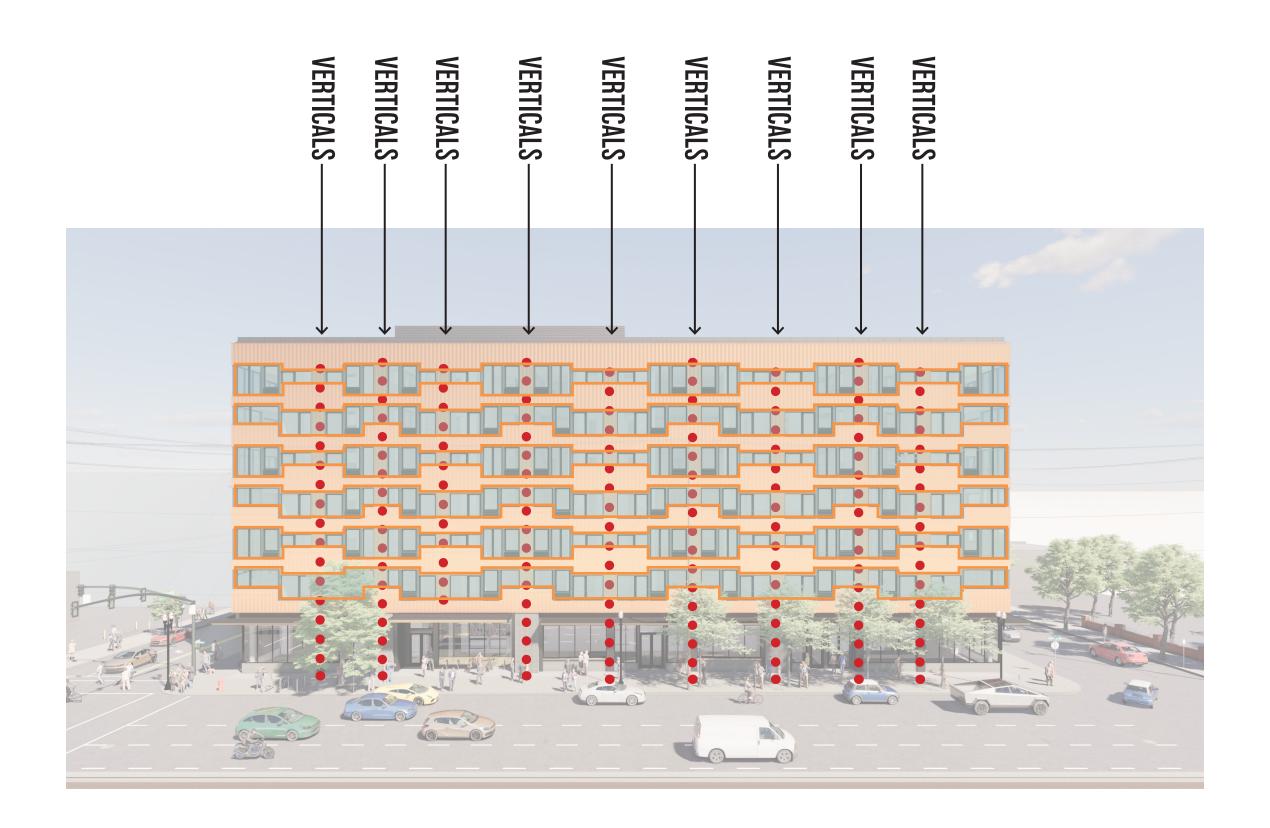
- 1. Design Diagrams
- 2. Context Photos

DESIGN DRAWINGS: APPENDIX C.51

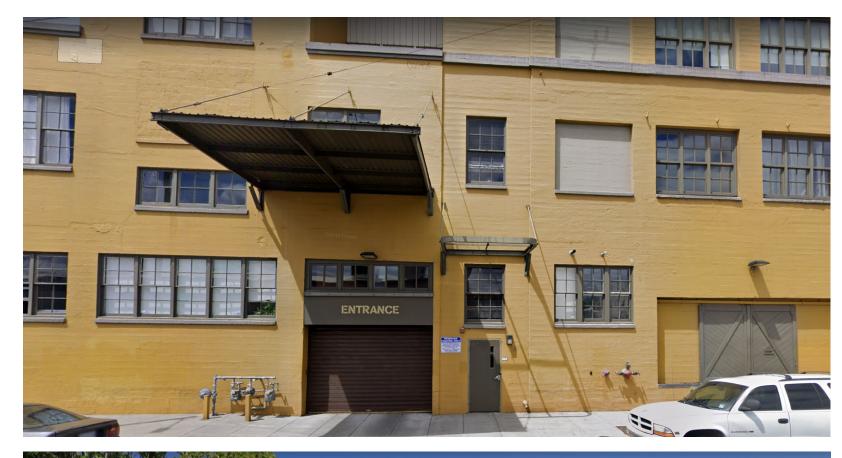




### **CONCEPT DESIGN: HORIZONTAL MOVEMENT**



#### **CONCEPT DESIGN: VERICAL ALIGNMENTS**









**CONTEXT - NEIGHBORHOOD MATERIALS** 

DESIGN DRAWINGS: APPENDIX

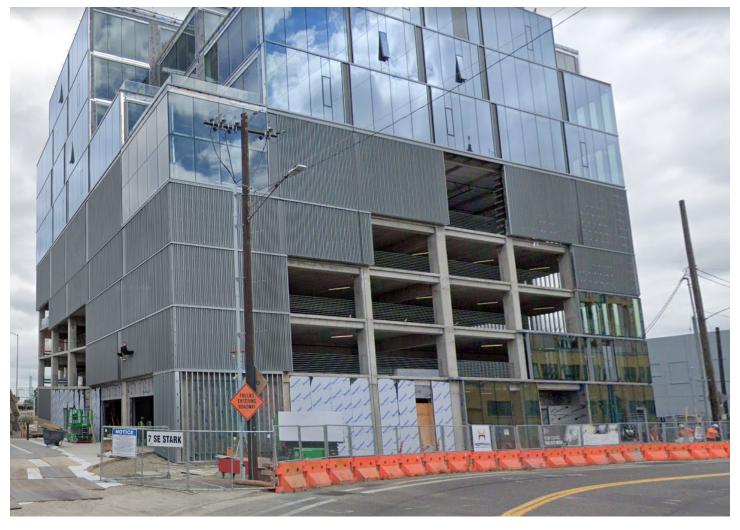
C.55

C.55









**CONTEXT - NEIGHBORHOOD MATERIALS** 

DESIGN DRAWINGS : APPENDIX

C.56



















**CONTEXT - NEIGHBORHOOD FORM** 

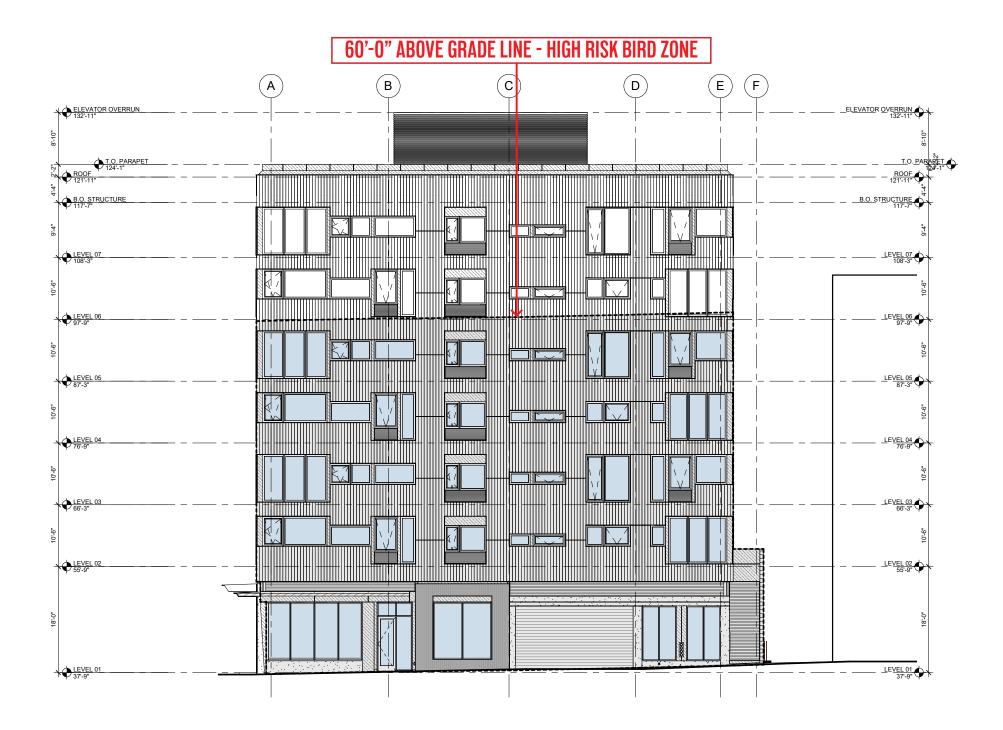
DESIGN DRAWINGS: APPENDIX

C.57



## **BIRD SAFE GLAZING**

- 1. Elevation Diagrams
- 2. Bird Safe Glazing Materials



Glazing Percentage Threshold High Risk Zone Area = 4,939 SF High Risk Glazing Area = 1,256 SF Glazing Percentage = 25.4%

Bird-Friendly Glazing Not Required



### **BIRD SAFE GLAZING - SOUTH ELEVATION**



#### Glazing Percentage Threshold

High Risk Zone Area = 11,954 SF High Risk Glazing Area = 3,949 SF Glazing Percentage = 33.0% Bird-Friendly Glazing Required

#### **Allowance for Untreated Glass**

High Risk Glazing Area = 3,956 SF Untreated Glass Allowance Allowed = 3,956 SF x 10% = 395 SF Untreated Glass Allowance Taken = 376 SF



#### **BIRD SAFE GLAZING - WEST ELEVATION**

DESIGN DRAWHINGS : APPENDIX C.60



North Elevation 1 Glazing Percentage Threshold High Risk Zone Area = 4,140 SF High Risk Glazing Area = 1,269 SF Glazing Percentage = 30.5% Bird-Friendly Glazing Required

Allowance for Untreated Glass
High Risk Glazing Area = 4,140 SF
Untreated Glass Allowance Allowed = 1,269 SF x 10% = 126 SF
Untreated Glass Allowance Taken = 142 SF

Glazing Percentage Threshold

High Risk Zone Area = 445 SF

High Risk Glazing Area = 133 SF

Glazing Percentage = 25.4%

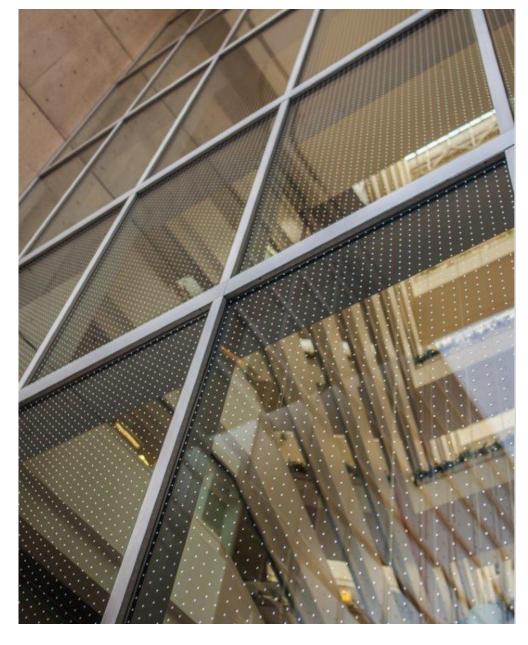
Bird-Friendly Glazing Only Required within Green Roof

Zone

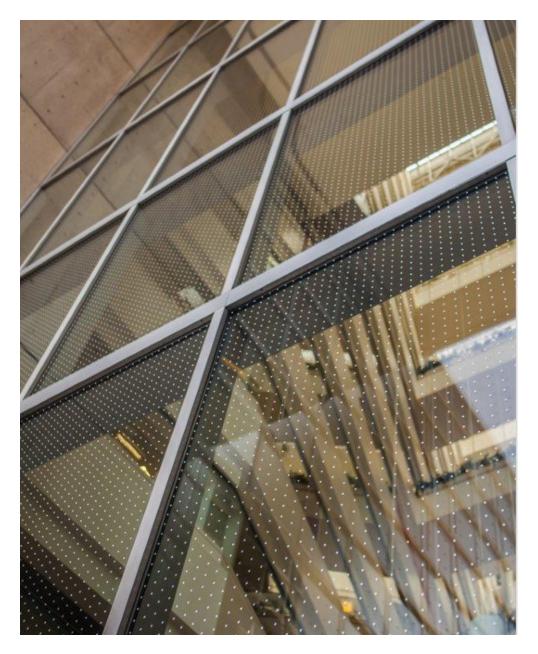


**BIRD SAFE GLAZING - NORTH ELEVATION** 





REPRESENTATIVE IMAGE OF 2X2 FILM BIRD-SAFE GLAZING AT GROUND FLOOR STOREFRONT



REPRESENTATIVE IMAGE OF 2X2 FILM BIRD-SAFE GLAZING AT RESIDENTIAL FLOOR WINDOWS (LEVEL 2-7)

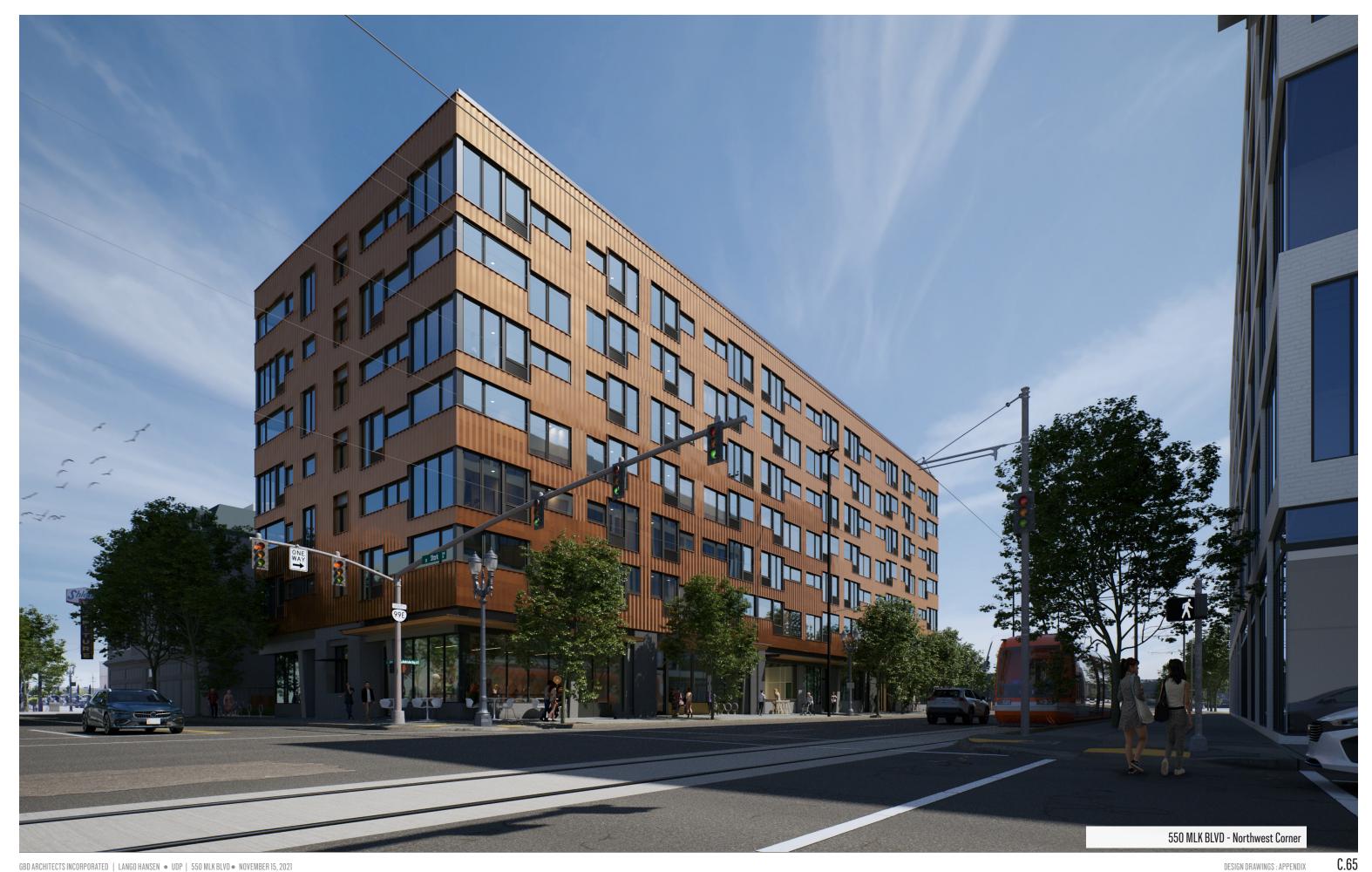


## **RENDERINGS**

- 1. NW Corner
- 2. SW Corner
- 3. Aerial
- 4. NE Corner Aerial
- 5. MLK Boulevard
- 6. Retail Storefront
- 7. Building Main Entry
- 8. NW Retail Corner

DESIGN DRAWINGS: APPENDIX

C.64



GBD ARCHITECTS INCORPORATED | LANGO HANSEN ● UDP | 550 MLK BLVD ● NOVEMBER 15, 2021 DESIGN DRAWINGS : APPENDIX











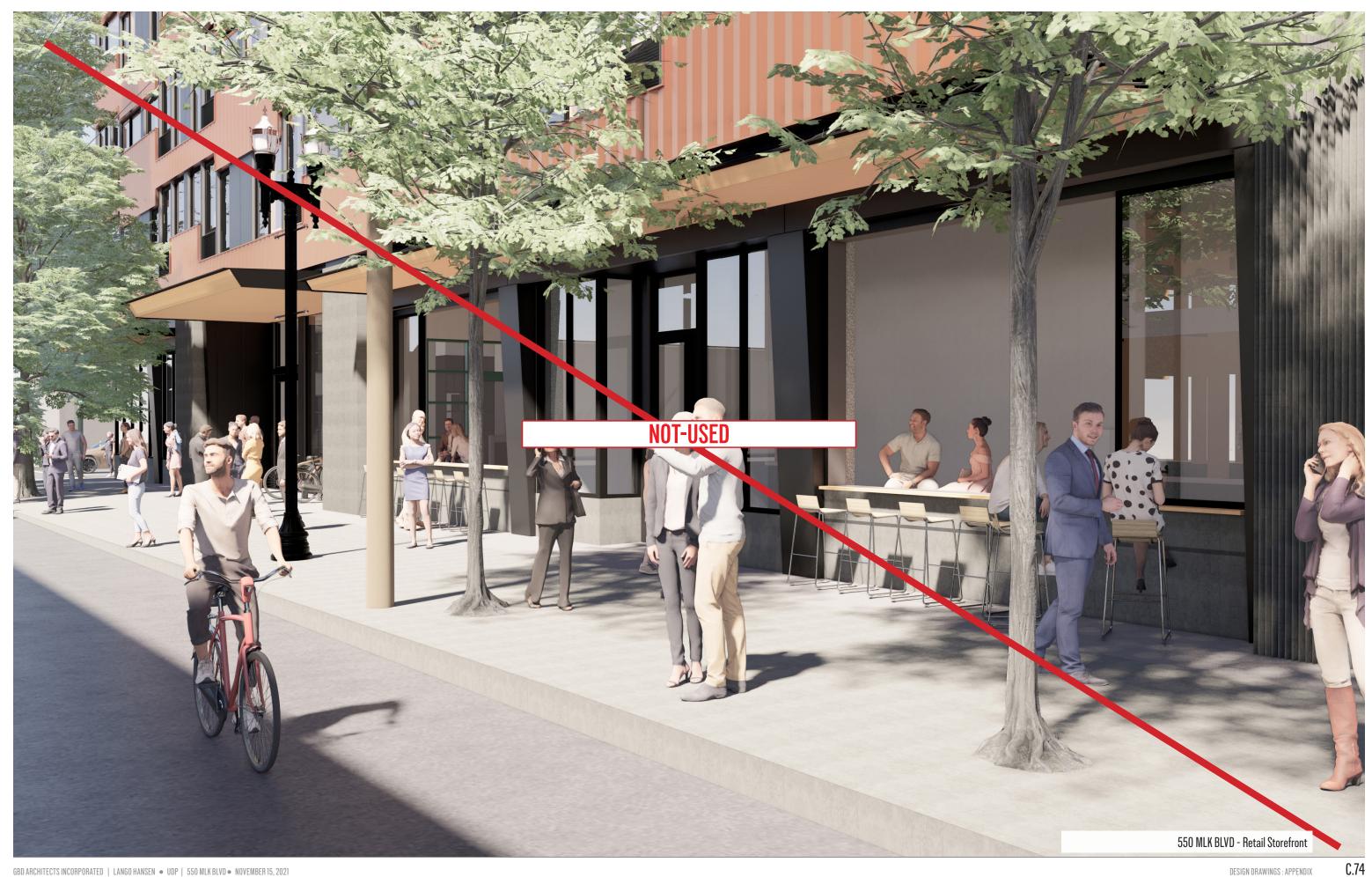


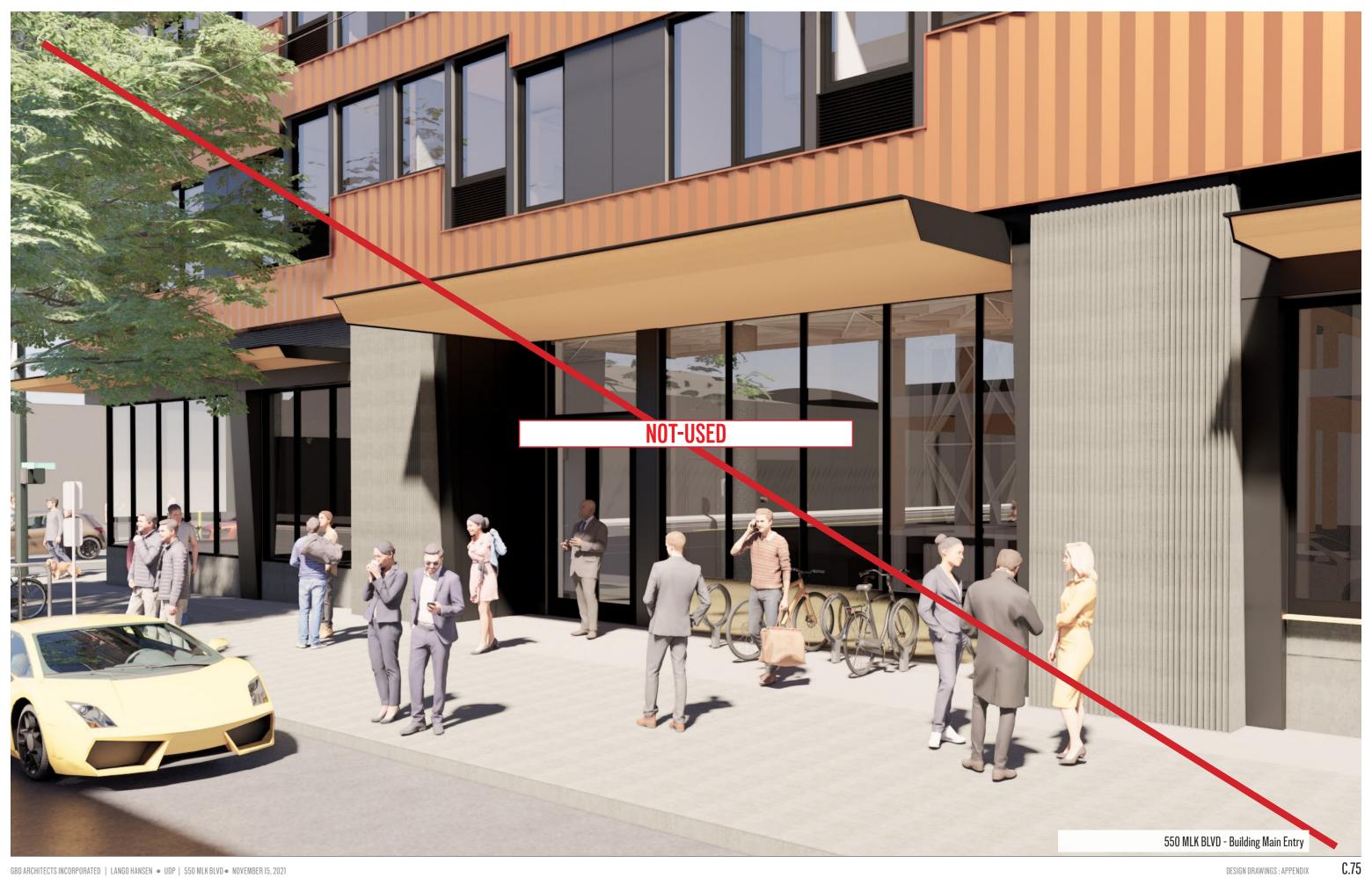


\* REFER TO SHEETS C.40 & C.41 FOR LIGHT FIXTURE INFORMATION

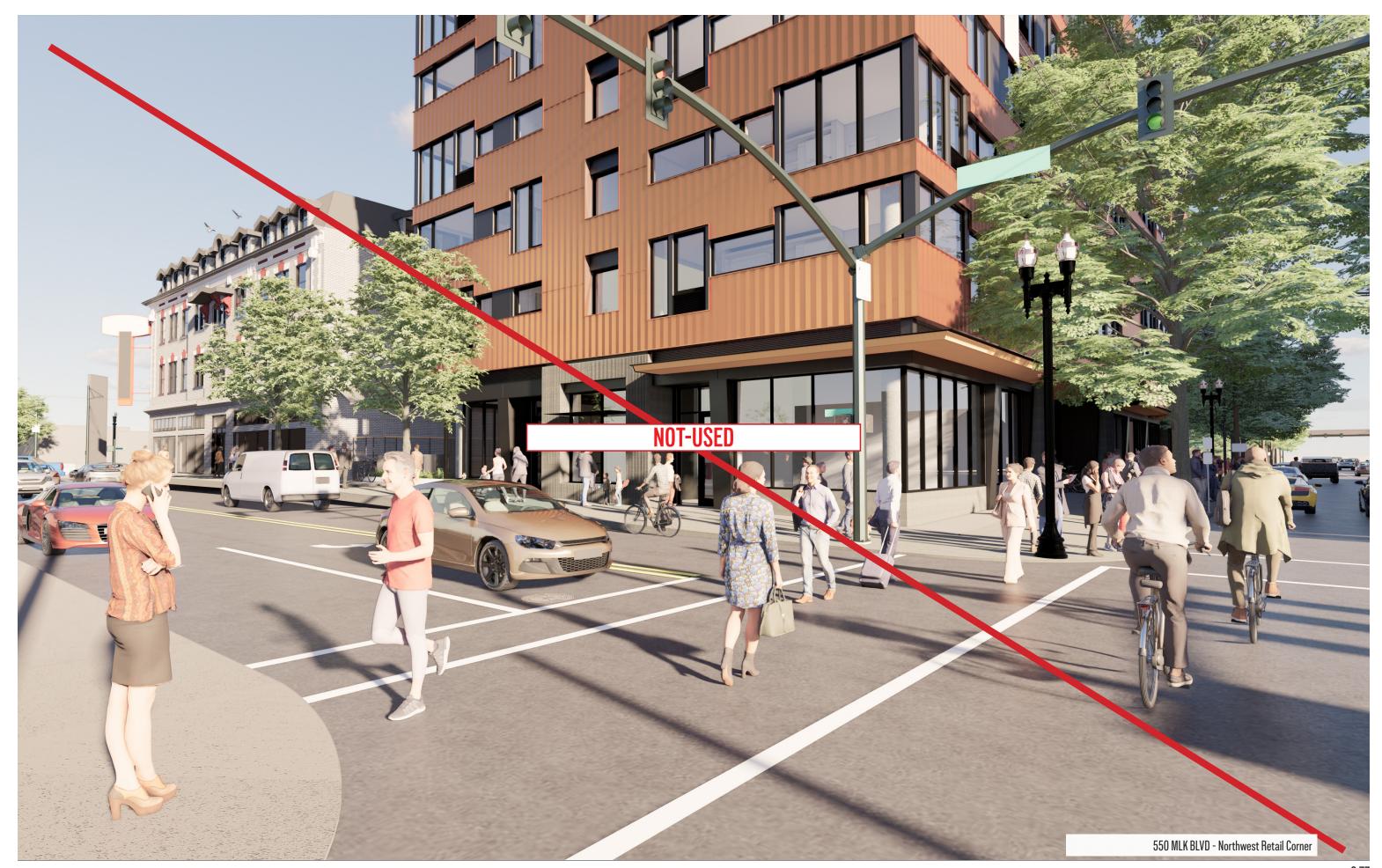
## **EXTERIOR LIGHTING - COURTYARD**









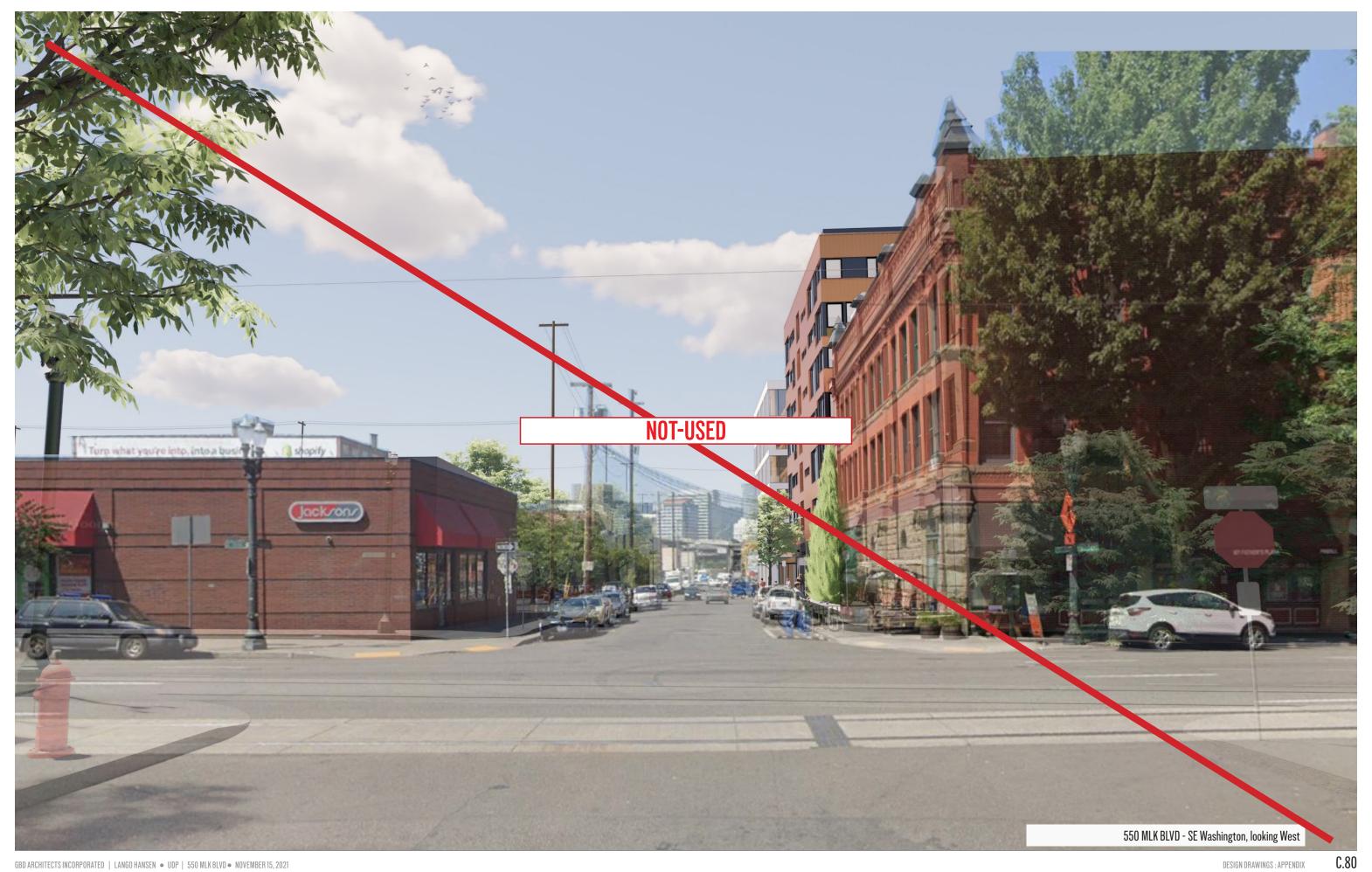




GBD ARCHITECTS INCORPORATED | LANGO HANSEN • UDP | 550 MLK BLVD • NOVEMBER 15, 2021 DESIGN DRAWINGS : APPENDIX



GBD ARCHITECTS INCORPORATED | LANGO HANSEN • UDP | 550 MLK BLVD • NOVEMBER 15, 2021 DESIGN DRAWINGS : APPENDIX



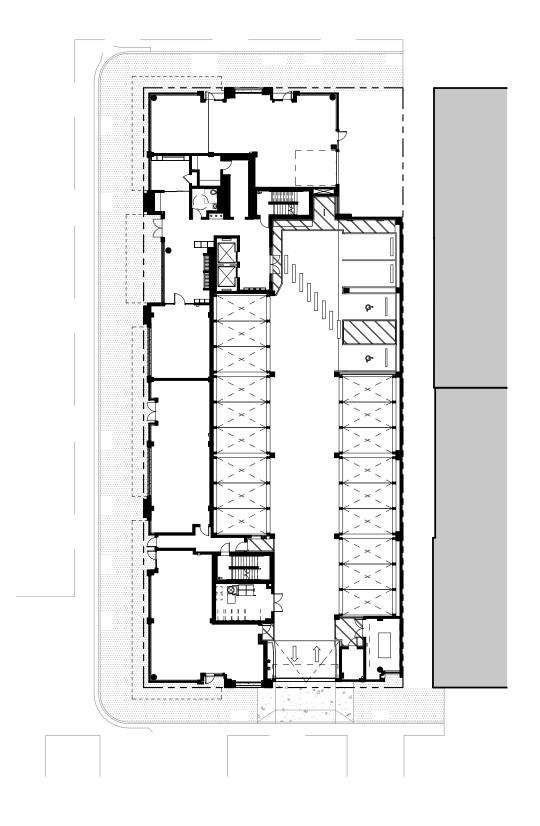




## **MODIFICATIONS**

- 1. Ground Floor Retail Depth
- 2. Ground Floor Windows at South Facade

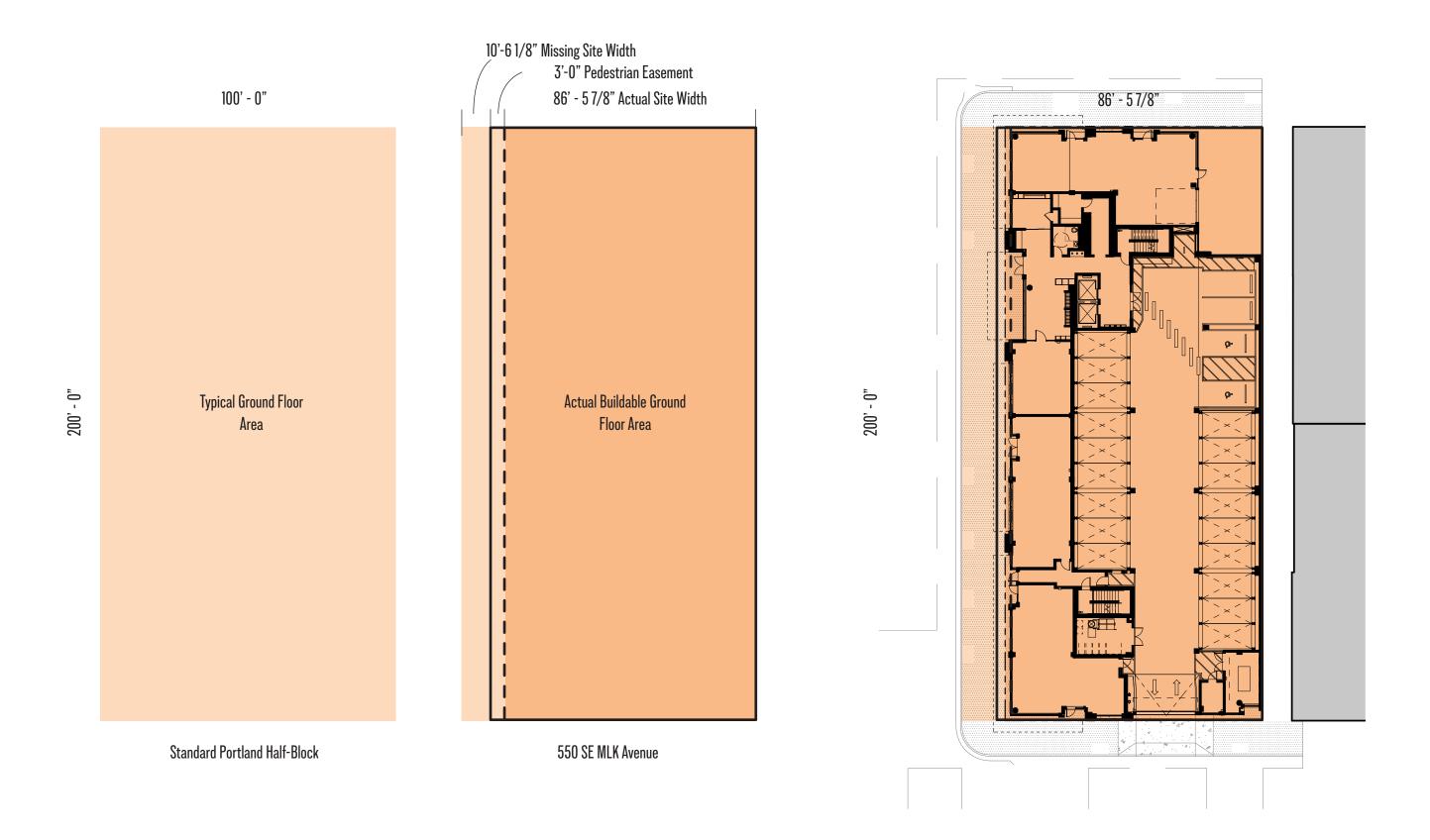
APPLICANT SEEKS DISCUSSION OF ACTIVE GROUND FLOOR USE REQUIREMENTS ON THE WEST FAÇADE ALONG SE MLK AVENUE. IN PARTICULAR, AREAS OF DEPTH BELOW 25'-O" FROM FACE OF BUILDING TO BACK OF RETAIL SPACES. THE PROPOSED BUILDING DOES NOT MEET THE DEPTH PORTION OF THIS REQUIREMENT FOR GREATER THAN 50% OF ITS FAÇADE.



#### MODIFICATION #1: GROUND FLOOR RETAIL DEPTH



C.83



#### WEST FACADE - CURRENT DESIGN

TOTAL LINEAR FEET MEETING ACTIVE GROUND FLOOR USE STANDARD:

45'-5"

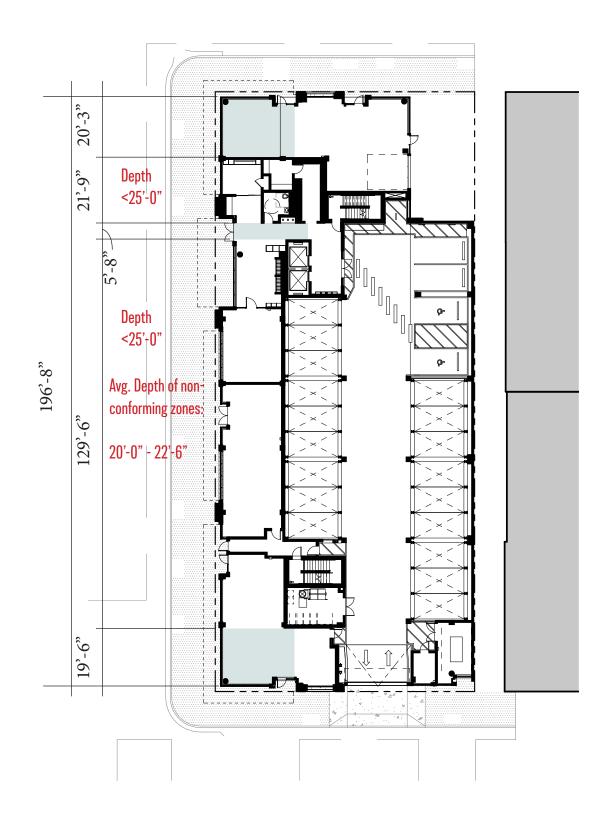
TOTAL FACADE LINEAR FEET:

196'-8"

PERCENTAGE OF CONFORMING GROUND FLOOR STOREFRONT: 23%

NEED 52'-11" MORE OF MLK FRONTAGE TO REACH 50%

AVERAGE DEPTH OF NONCONFORMING ZONES: 20'-0" - 22'-6"



#### MODIFICATION #1: GROUND FLOOR RETAIL DEPTH



#### WEST FACADE - LOBBIES & RETAIL AS ACTIVE USE

TOTAL LINEAR FEET MEETING ACTIVE GROUND FLOOR USE STANDARD:

45'-5"

TOTAL FACADE LINEAR FEET:

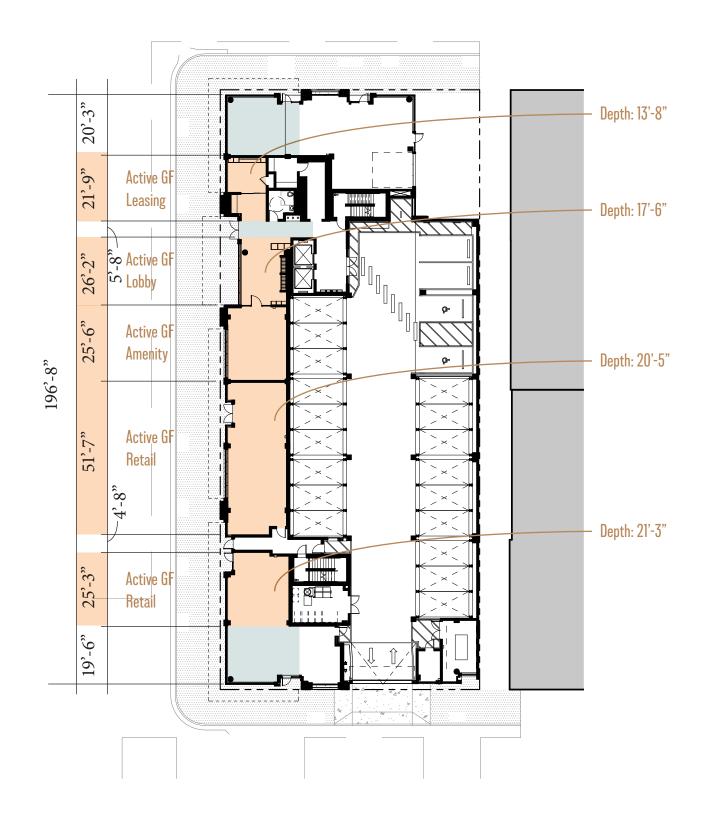
196'-8"

ADDED GF SHALLOW ACTIVE USE SPACE:

146'-7"

PERCENTAGE OF CONFORMING GROUND FLOOR STOREFRONT:

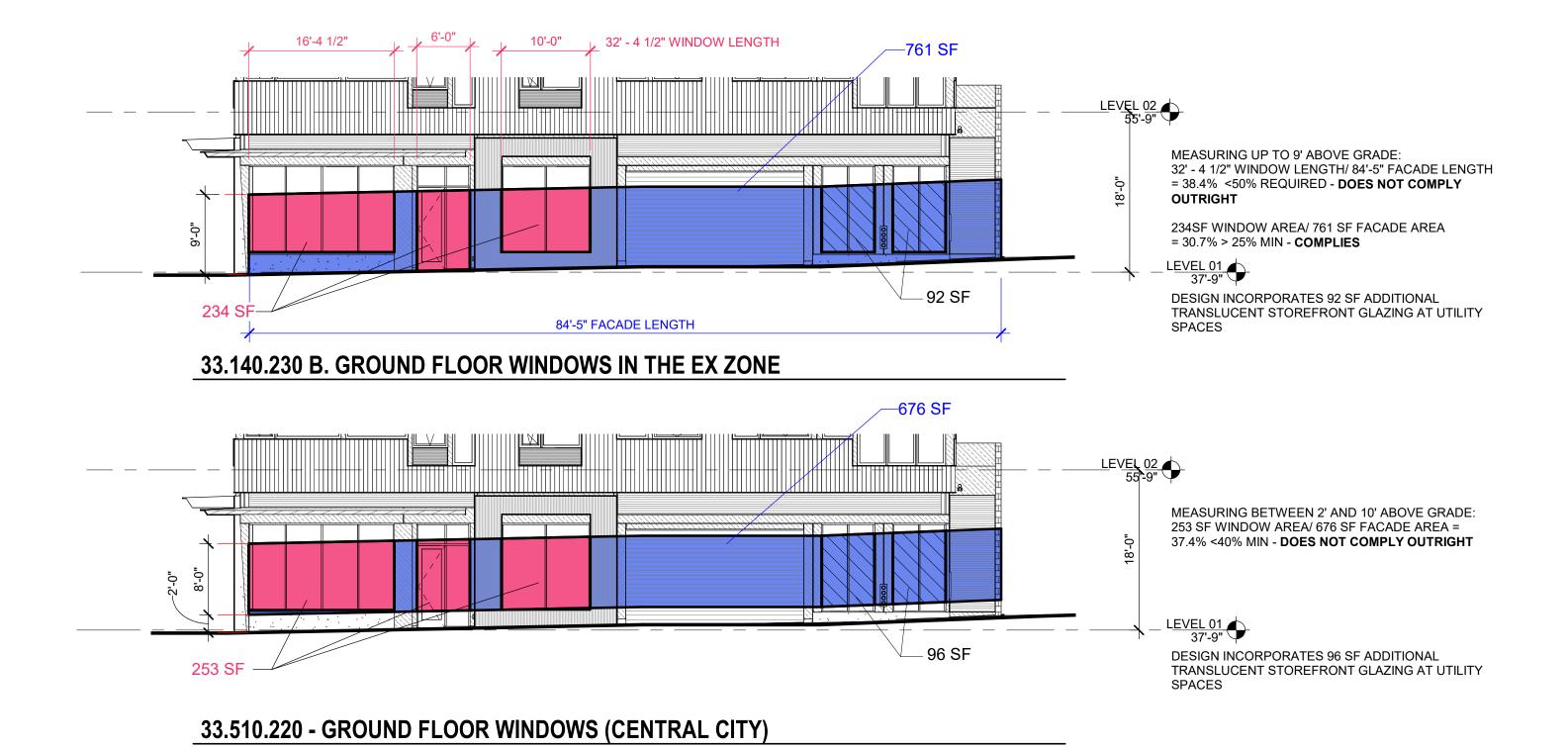
97.6%



#### MODIFICATION #1: GROUND FLOOR RETAIL DEPTH



DESIGN DRAWINGS : APPENDIX C.86



#### MODIFICATION #2: GROUND FLOOR WINDOWS AT SOUTH FACADE