RESPONSES in red

Knox & American II 1801 American Blvd W Bloomington MN 55431

KNOX AND AMERICAN II



PROJECT LOCATION AMERICAN BLVD W PROJECT LOCATION

Site Location

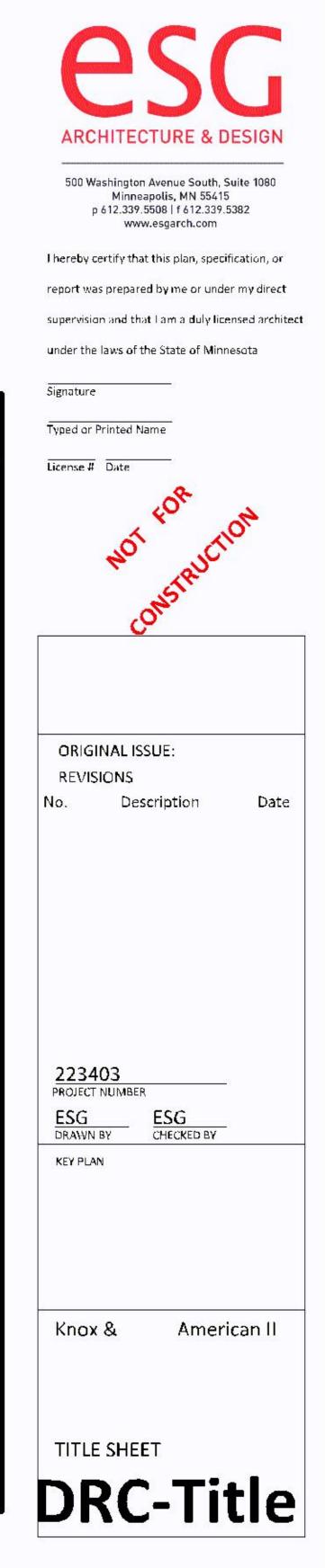
Vicinity

Address:

1801 American Blvd W Bloomington MN 55431

OWNER/DEVELOPER:	Stuart Development Corporation Ryan Dunlay, President 1000 West 80th Street Minneapolis, MN 55420 Ph: 952-948-9546
ARCHITECT:	Elness Swenson Graham Architects, In 500 Washington Ave. South, Suite 108 Minneapolis, MN 55415 Ph: 612-339-5508 Fx: 612-339-5382
CONTRACTOR:	T.B.D.
CIVIL ENGINEER:	CivilSite Group 5000 Glenwood Avenue Golden Valley, MN 55422 Ph: 612-615-0060
LANDSCAPE ARCHITECT:	CivilSite Group 5000 Glenwood Avenue Golden Valley, MN 55422 Ph: 612-615-0060
STRUCTURAL ENGINEER:	TBD
MECHANICAL ENGINEER:	TBD
PLUMBING ENGINEER:	TBD
ELECTRICAL ENGINEER:	TBD

DRAWING INDEX DRC			
DRAWING NUMBER	DRAWING NAME		
ARCHITECTURAL			
DRC-Title	TITLE SHEET		
CIVIL	[
C1.0	TITLE SHEET		
C2.0 C2.1	SITE PLAN SITE PLAN - TURNING MOVEMENT EXHIBIT		
C2.1	SITE PLAN - EASEMENT EXHIBIT		
C3.u	GRADING PLAN		
C4.0	UTILITY PLAN		
C5.0	CIVIL DETAILS		
C5.1	CIVIL DETAILS		
C5.2	CIVIL DETAILS		
SW1.0	SWPPP - EXISTING CONDITIONS		
SW1.1	SWPPP - PROPOSED CONDITIONS		
SW1.2	SWPPP - DETAILS		
SW1.3	SWPPP - NARRATIVE		
SW1.4	SWPPP - ATTACHMENTS		
SW1.5	SWPPP - ATTACHMENTS		
V 1. 0	SITE SURVEY		
LANDCCADE			
ANDSCAPE .1.0	LANDSCAPE PLAN		
.1.1	LANDSCAPE PLAN NOTES & DETAILS		
-1.1	ENVISORIE LENVINOTES & BETAILS		
ARCHITECTURAL			
DRC-0.0	EXISTING CONTEXT & SITE PHOTOS		
DRC-0.1	ARCHITECTURAL SITE PLAN & PROJECT DATA		
DRC-1.1	FLOOR PLANS		
DRC-2,1	BUILDING ELEVATIONS		
DRC-3.0	3D VIEWS		



Knox & American II

1801 American Blvd W Bloomington MN 55431



SITE PHOTO: VIEW SOUTHWEST TOWARD SITE



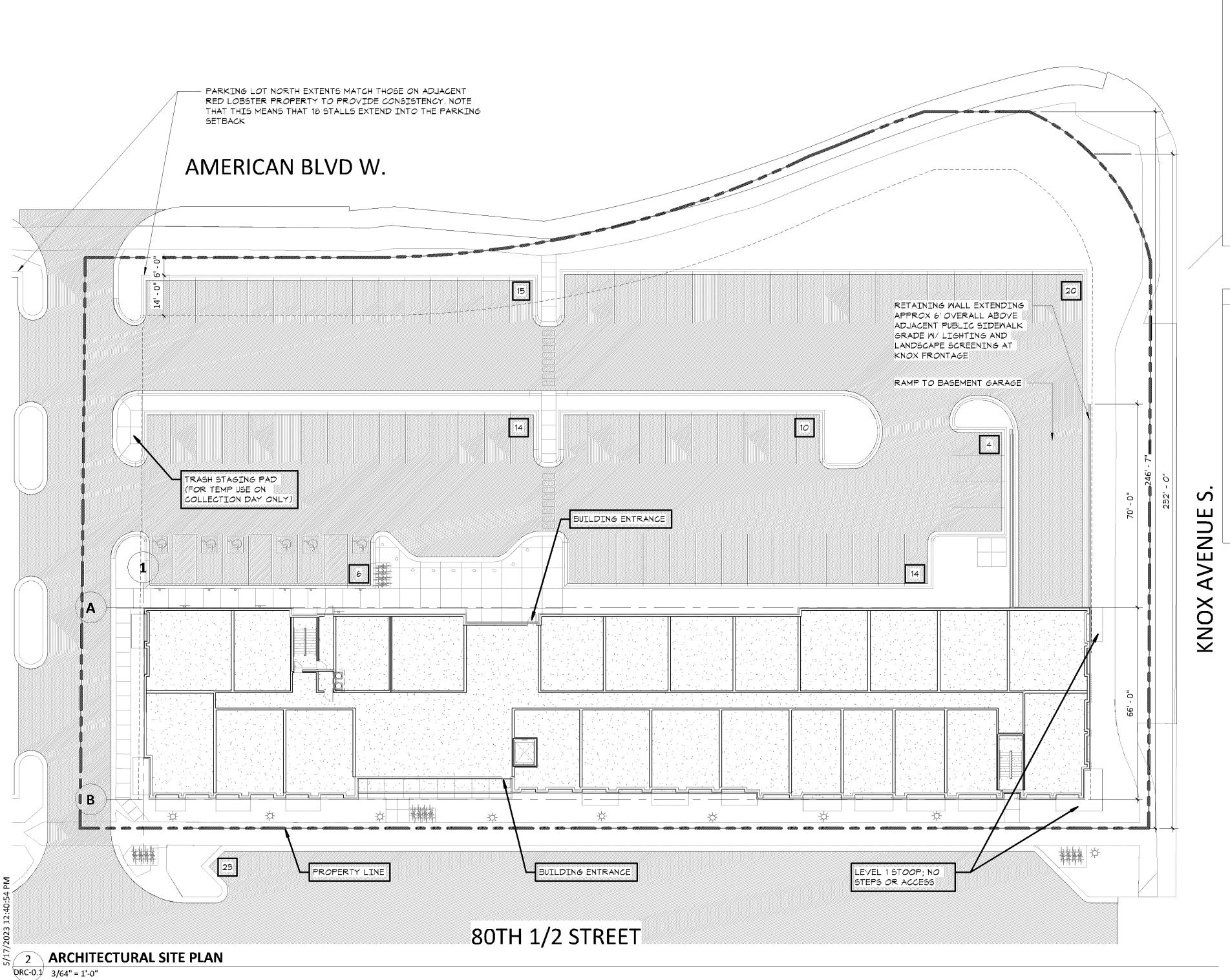
SITE PHOTO: VIEW SOUTHWEST AT NORTHERN EDGE



SITE PHOTO: VIEW SOUTH AT NORTHERN EDGE



DRC-0.0



PROJECT DATA SUMMARY

ZONING DISTRICT (PROPOSED):

CASE NO: PL2023-00061 (Pre-Application)

PROJECT ADDRESS: TBD - 1801 American Blvd W + 1851 American Blvd W + 8020 Knox Ave S (existing)

Bloomington, MN 55431

0402724240035 (1801), 0402724240036 (1851), 0402724240037 (8020 Knox)

ZONING DISTRICT (EXISTING):

C-5 (Commercial) with PD (Planned Development) Overlay
RM-100 (Multi-Family Residential) with PD (Planned Development) Overlay

ZONING SUMMARY

PARCEL IDS:

COMPREHENSIVE PLAN LAND USE RE-GUIDING REQUESTED

• REQUESTING A RE-GUIDANCE OF THE COMPREHENSIVE PLAN'S FUTURE LAND USE FROM CC TO HIGH DENSITY RESIDENTIAL (HDR) TO CREATE CONSISTENCY IN LAND USE AND INCREASE HOUSING UNITS --- OF VARIOUS INCOME LEVELS --- TO MEET CURRENT HOUSING AND MARKET DEMANDS (A SIGNIFICANT GOAL WITHIN THE COMPREHENSIVE PLAN, SECTION 3).

ANTICIPATED DEVIATIONS

PARKING BETWEEN BUILDING AND STREET (§21.203.09 (d))

REQUESTING EXEMPTION FOR MULTIPLE STREET FRONTAGES AND PROPOSING ALTERNATIVE COMPLIANCE (ENHANCED STREET WALL AND BUILDING FRONTAGE) USING C-5 FRONTAGE STANDARDS FOR PROPOSING PARKING BETWEEN BUILDING & STREET

PARKING SETBACKS (§21.301.06, I)

• PROPOSING DEVIATION: 19 SURFACE PARKING SPACES AT NORTHWEST CORNER OF SITE AT A 6 FT SETBACK (INSTEAD OF THE 20 FT MIN.-REQUIRED SETBACK)

OPPORTUNITY HOUSING REDUCTIONS/ALLOWANCES APPLIED

ZONING SUMMARY: PARKING & OPEN SPACE DATA

North and East sides of parking

Open Space requirement met?

- SITE AREA (§ 9.16.02) ---- REQUESTING REDUCTION (25% FOR 9% UNITS AT VERY LOW INCOME): PROPOSING 78,691+/- SF (1.806+/- acres (60,000 SF MODIFIED MIN.-REQUIRED)
- SITE WIDTH (§ 9.16.03) ---- REQUESTING REDUCTION (25% FOR 9% UNITS AT VERY LOW INCOME): PROPOSING 196 FT 3 IN (150 FT MODIFIED MIN.-REQUIRED)
- USABLE OPEN SPACE (§ 9.16.05) ---- REQUESTING REDUCTION (25% REDUCTION FOR 9% UNITS @ VERY LOW INCOME): PROPOSING 27,149+/SF (22,275 SF MODIFIED MIN.-REQUIRED)

 STORAGE (See 202.00 (1)/3) 50.03) --- REQUIRED PROPOSING 25,149+/SF (22,275 SF MODIFIED MIN.-REQUIRED)

 STORAGE (See 202.00 (1)/3) 50.03) --- REQUIRED PROPOSING 25% REDUCTION (50% REDUCTION FOR 9% UNITS AT OR DELICING SEC 411/3) 50.03(4)

 STORAGE (See 202.00 (1)/3) 50.03(4) --- REQUIRED PROPOSING 25% REDUCTION (50% REDUCTION FOR 9% UNITS AT OR DELICING SEC 411/3) 50.03(4)

 STORAGE (See 202.00 (1)/3) 50.03(4) 50.03(4)

 STORAGE (See 202.00 (1)/3) 50.03(4) 50.03(4)

 STORAGE (See 202.00 (1)/3) 50.03(4)

 ST
- STORAGE SPACE (§21.302.09, (d)(7); §9.23) ---- REQUESTING REDUCTION (50% REDUCTION FOR 9% UNITS AT OR BELOW 60% AMI): PROPOSING 50 STORAGE SPACES (49 STORAGE SPACES MODIFIED MIN.-REQUIRED)
- VEHICLE PARKING, OVERALL SPACES (§ 9.19) ---- REQUESTING REDUCTION (TRANSIT TIER I = 15% FOR 9% UNITS @ VERY LOW INCOME): PROPOSING 156 PARKING SPACES (136 PARKING SPACES MODIFIED MIN.-REQUIRED)
- ENCLOSED VEHICLE PARKING (§ 9.20) ---- REQUESTING REDUCTION (50% REDUCTION FOR 9% UNITS @ VERY LOW INCOME): PROPOSING 50
- ENCLOSED PARKING SPACES (49 ENCLOSED PARKING SPACES MODIFIED MIN.-REQUIRED)
- EXTERIOR BUILDING MATERIALS (§ 9.22) --- REQUESTING THE OPPORTUNITY HOUSING ALLOWANCE ON THE WEST FAÇADE FOR ALTERNATIVE, EXTERIOR BUILDING MATERIALS (20-YR WARRANTY METALS) WHICH MAY COVER UP TO 75% OF FACADES NOT FACING PUBLIC STREETS.

Scheme:
Parking Stall
Count
(Provided): Garage: 50 (Required): 99 - D.U.
Surface parking lot 83
On-Street 23
Totals 156

Open Space (Required): 156

Open Space (Required)

Net open space required 22,275 12,978 Open space credit from Building Elements 50 SF of balcony Balconies (@ 50sf) 42 # of balconies (Provided): Bonus: 150sf for first 50 sf, 2.5sf for each additional sf 150 base bonus @ 50sf Stoops (@ 72sf) 72 SF of stoop Open Space needed from Site factoring building Bonus: 150sf for first 50 sf, 2.5sf for each additional sf 14 # of stoops 9,297 element contribution Amenity Roof Deck

183' - O'

OPEN SPACE DIAGRAM

DRC-0.1 1" = 50'-0"

Knox &

American II

1801 American Blvd W Bloomington MN 55431

ARCHITECTURE & DESIGN

500 Washington Avenue South, Suite 1080 Minneapolis, MN 55415

p 612.339.5508 | f 612.339.5382

www.esgarch.com

I hereby certify that this plan, specification, or

report was prepared by me or under my direct

supervision and that I am a duly licensed architect

under the laws of the State of Minnesota

Signature

Typed or Printed Name

License # Date

ORIGINAL ISSUE: 03/28/23
REVISIONS

Date

o. Description

223403

PROJECT NUMBER

ESG
DRAWN BY
ESG
CHECKED BY

KEY PLAN

Knox &

American II

ARCHITECTURAL SITE PLAN & PROJECT DATA

DRC-0.1

CODE COMPLIANCE INFORMATION: Applicable codes and regulations:

2020 Minnesota Building Code (references the 2018 IBC)
2020 Minnesota Accessibility Code (Chapter 1341 references 2009 A117.1)
2020 Minnesota Energy Code (references 2012 IECC and 2010 ASHRAE 90.1)

2020 Minnesota State Fire Code
 2015 MN Elevator and Related Devices Code

Federal Fair Housing Act Safe Harbor:

 International Building Code (IBC) 2018 and as referenced 2009 ICC A117.1 Accessible and Usable Buildings and Facilities Standard

Preliminary Assumptions:

Levels P1: Construction type I-A Levels 1 - Level 4: Construction type V-A (4 stories)

Per MBC 510.4, Level 1 floor (separating type I-A and V-A construction types) to be 90 minute rated minimum as Frequired for roof of type I-A building

Building will be fully sprinklered throughout. Based on these construction types and occupancy classes contained within, all bearing walls interior and exterior, structural frame, floors and roofs will be designed to meet required hourly ratings.

Total Building Area:

The chart below describes the gross square foot (GSF) area calculations for the building as currently proposed:

Level	Use	Total GSF	Parking GSF	Apartment GSF	Amenity GSF
Level P1	Parking	20758	20758	0	0
Level 1	Residential/Amenity	19964	0	16918	3046
Level 2	Residential	20372	0	20372	0
Level 3	Residential	20372	0	20372	0
Level 4	Residential/Amenity	17935	0	17187	748

PRELIMINARY UNIT METRICS:

Zoning Code			Level 1		Level 2		Level 3		Level 4	evel 4		
Unit Type	Min. Required	Range Overall	Range	Count	Range	Count	Range	Count	Range	Count		
Studio	400 SF	538-601 SF	538-588 SF	5	551-601 SF	6	551-601 SF	6	551-601 SF	6		
Alcove	400 SF	589-602 SF	589-601 SF	5	588-602 SF	7	588-602 SF	7	601-602 SF	6		
1 bed	650 SF	678-809 SF	678-793 SF	10	694-809 SF	12	694-809 SF	12	690-809 SF	11		
1 bed + den	650 SF	842-874 SF	842-856 SF	2	858-874 SF	2	858-874 SF	2		0		
Totals:				22		27		27		23		

This can be

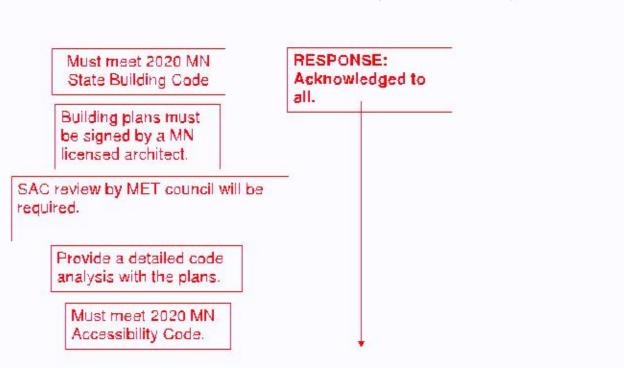
RESPONSE:

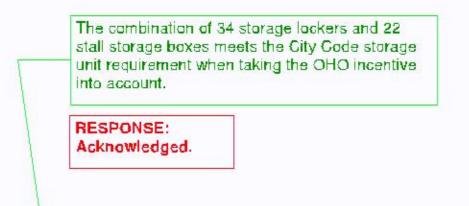
Acknowledged.

discussed at the 80%

plan review meeting.

LEVEL 2 PLAN (LEVEL 3 SIM.)





STORAGE LOCKER PROVISION:

(34) STORAGE LOCKERS (FULL, 3'-3" X 4'-2" X 8' T = 98 CU FT)

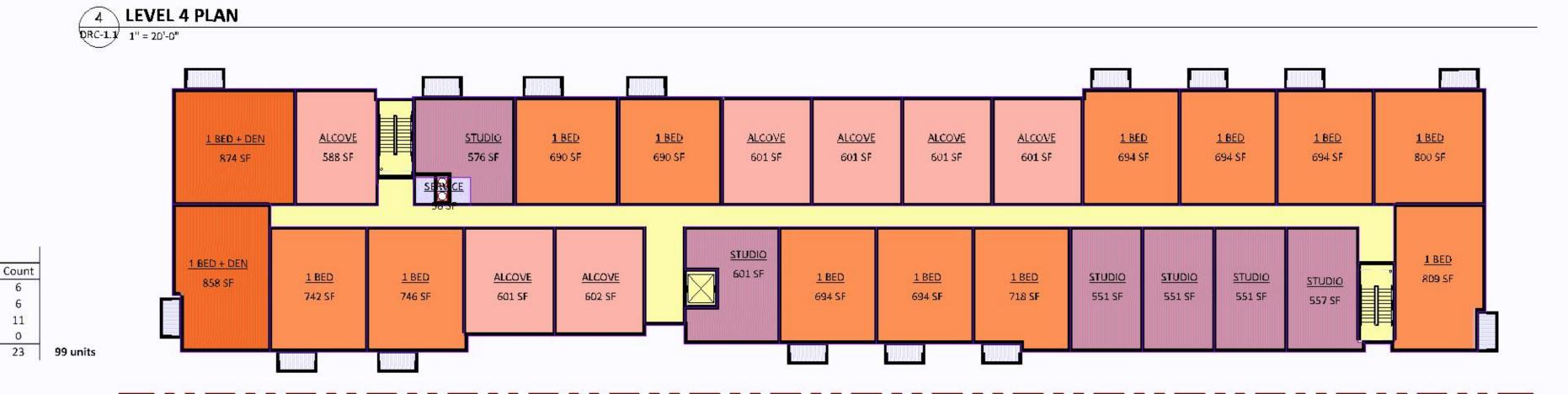
(22) OVER-STALL STORAGE BOXES (3' X 8' X 4' T = 96 CU FT)
(56) TOTAL INDIVIDUAL STORAGE UNITS PROVIDED

BIKE STORAGE PROVISION:

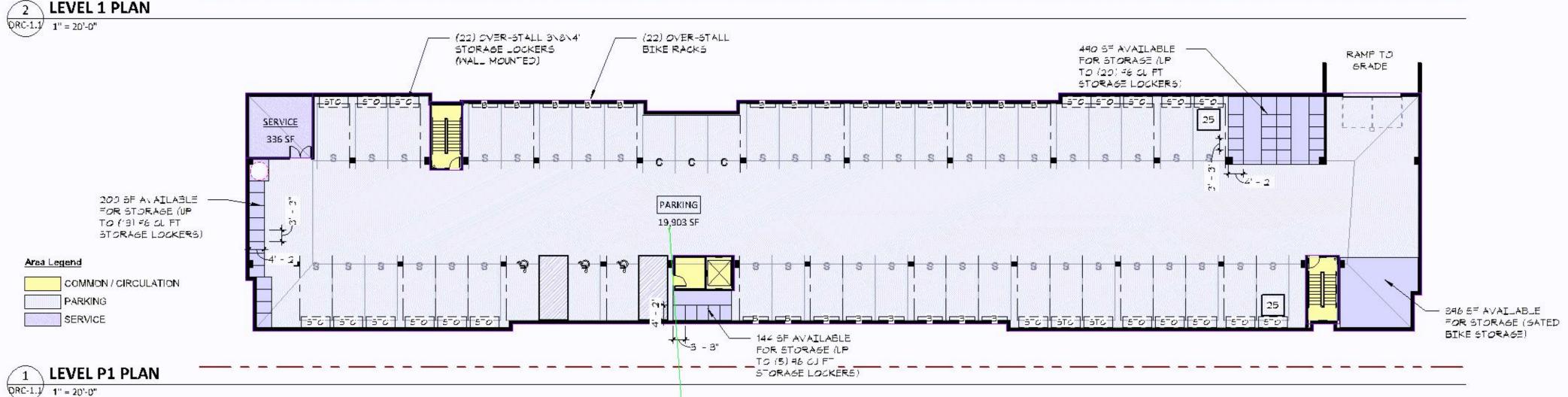
(22) OVER-STALL BIKE RACKS ADDITIONAL 346 SF SECURE AREA IN GARAGE FOR MASS BIKE STORAGE

NOTE ALL UNIT AND BIKE STORAGE FOR PROJECT PROVIDED AT LEVEL P1









Knox &

American II

1801 American Blvd W

Bloomington MN 55431

ESGARCHITECTURE & DESIGN

500 Washington Avenue South, Suite 1080 Minneapolis, MN 55415 p 612.339.5508 | f 612.339.5382 www.esgarch.com

Thereby certify that this plan, specification, or

report was prepared by me or under my direct

supervision and that I am a duly licensed architect

under the laws of the State of Minnesota

Signature

Typed or Printed Name

License # Date

NOT FOR CONSTRUCTION

ORIGINAL ISSUE: 03/28/23
REVISIONS

Description

Date

223403

No.

Author Checker DRAWN BY CHECKED BY

KEY PLAN

Knox & American II

FLOOR PLANS

DRC-1.1

Two level II or better EV chargers are required. This can be in the parking garage or on the surface lot.

RESPONSE: Acknowledged.

Knox &

American II

1801 American Blvd W Bloomington MN 55431

ARCHITECTURE & DESIGN

500 Washington Avenue South, Suite 1080 Minneapolis, MN 55415 p 612.339.5508 | f 612.339.5382 www.esgarch.com

I hereby certify that this plan, specification, or

report was prepared by me or under my direct

supervision and that I am a duly licensed architect

under the laws of the State of Minnesota

Signature

Typed or Printed Name

License # Date

ense # Date

ORIGINAL ISSUE: 03/28/23
REVISIONS

No. Description

Date

ZONING: UNIT-SPECIFIC REQUIREMENTS

§21.301.01(c)
(3) Building floor area minimum.

Unit	Floor Area	
	Minimum*	
Single-family (except R-1A)	1,040 sq. ft.	
Single-family (R-1A)	1,700 sq. ft.	
Two-family	960 sq ft per unit (<u>21 302 04</u>)	
Apartments and condominiums		
Efficiency units	400 sq. ft.	
1 bedroom	650 sq. ft.	
2 bedrooms	800 sq. ft.	
3 or more bedrooms	950 sq. ft.	
Accessibility and senior citizen housing		
Efficiency units	400 sq. ft.	
1 bedroom	525 sq. ft.	
2 or more bedrooms	700 sq. ft.	
Rowhouses, townhouses and other attached dwelling units of a similar nature		
1 bedroom	750 sq. ft.	
2 bedrooms	900 sq. ft.	
3 bedrooms	1,040 sq. ft.	

* Garages, breezeway, and porch floor area do not count towards the required floor area.

223403
PROJECT NUMBER

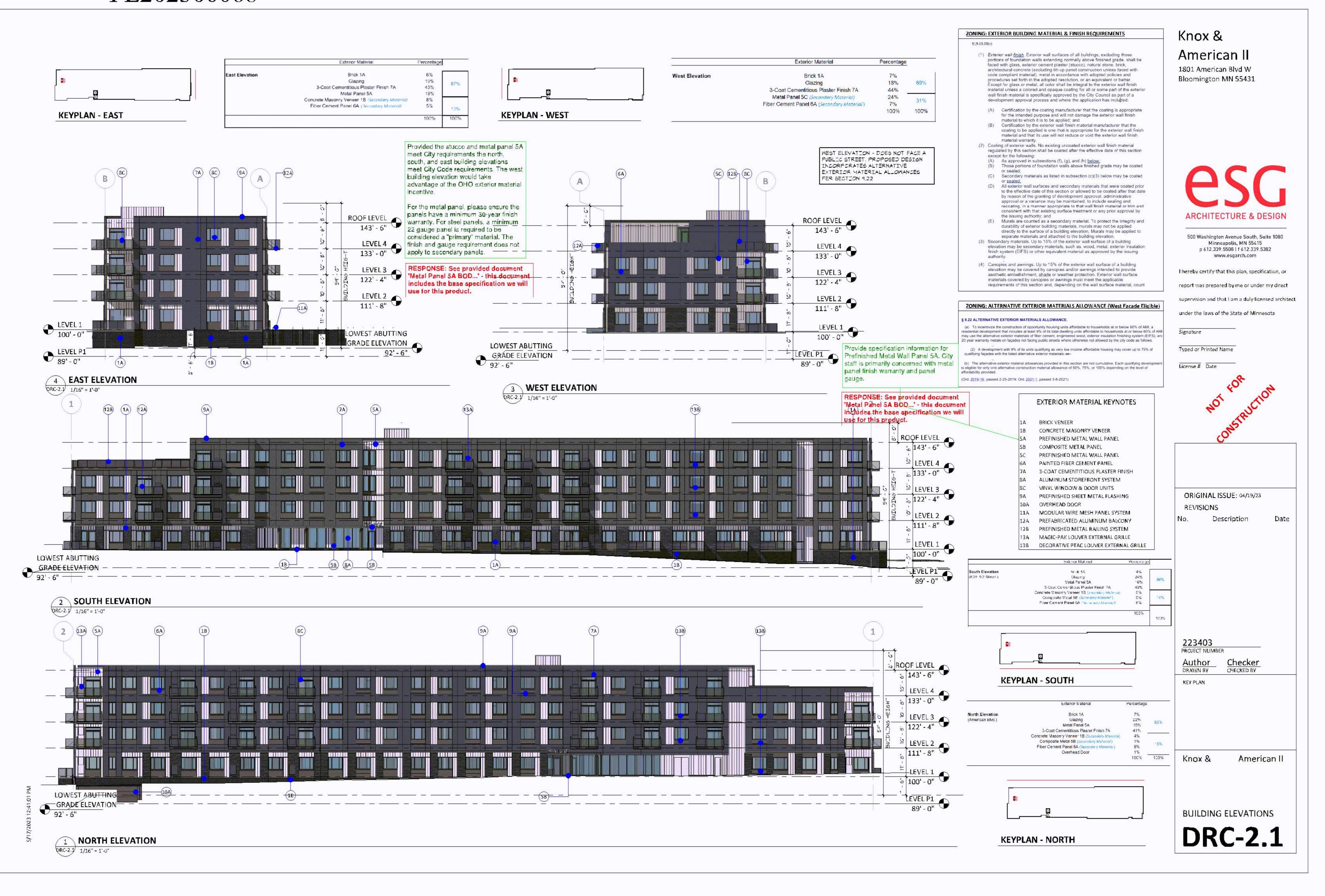
Author Checker CHECKED BY

KEY PLAN

Knox & American II

METRICS

DRC-1.2





VIEW OF KNOX STREETSCAPE LOOKING NORTHWEST



VIEW OF 80-1/2 STREETSCAPE LOOKING EAST





VIEW ALONG NORTH SIDE OF BUILDING SHOWING DROP-OFF AREA





VIEW OF NORTH ELEVATION LOOKING SOUTHEAST

Knox & American II

1801 American Blvd W Bloomington MN 55431

500 Washington Avenue South, Suite 1080 Minneapolis, MN 55415 p 612.339.5508 | f 612.339.5382 www.esgarch.com

I hereby certify that this plan, specification, or

report was prepared by me or under my direct

supervision and that I am a duly licensed architect

under the laws of the State of Minnesota

Typed or Printed Name

License # Date



ORIGINAL ISSUE: 04/24/23

REVISIONS

KEY PLAN

223403 PROJECT NUMBER Checker CHECKED BY

Author DRAWN BY

Knox &

American II

3D VIEWS

DRC-3.0