

BULLITT CENTER



NEIGHBORHOOD CONTEXT



SITE

“





**15TH AVENUE EAST
(LOOKING NORTH)**



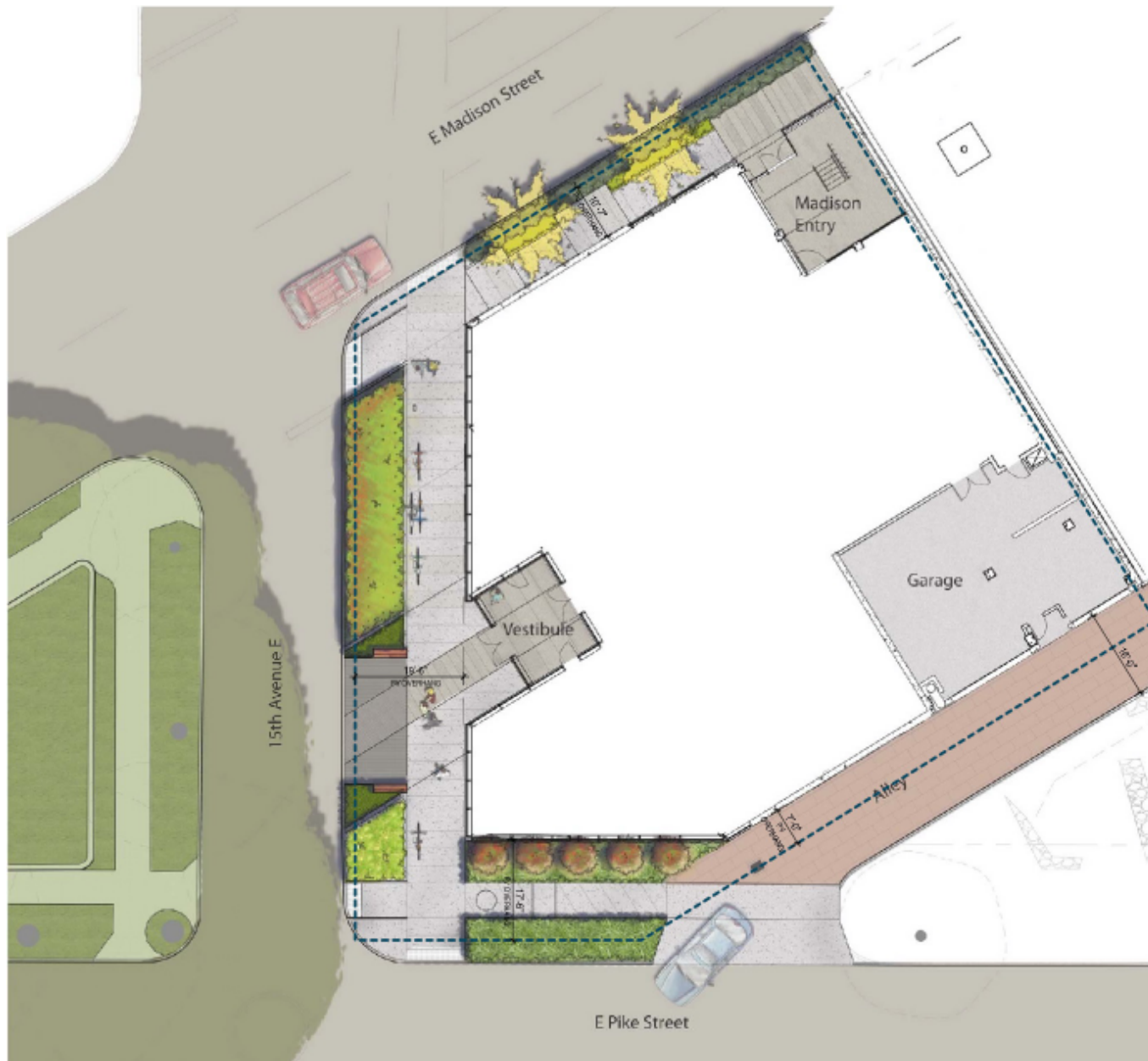
**EAST PIKE STREET/ALLEY
(LOOKING EAST)**



**EAST MADISON
(LOOKING EAST)**



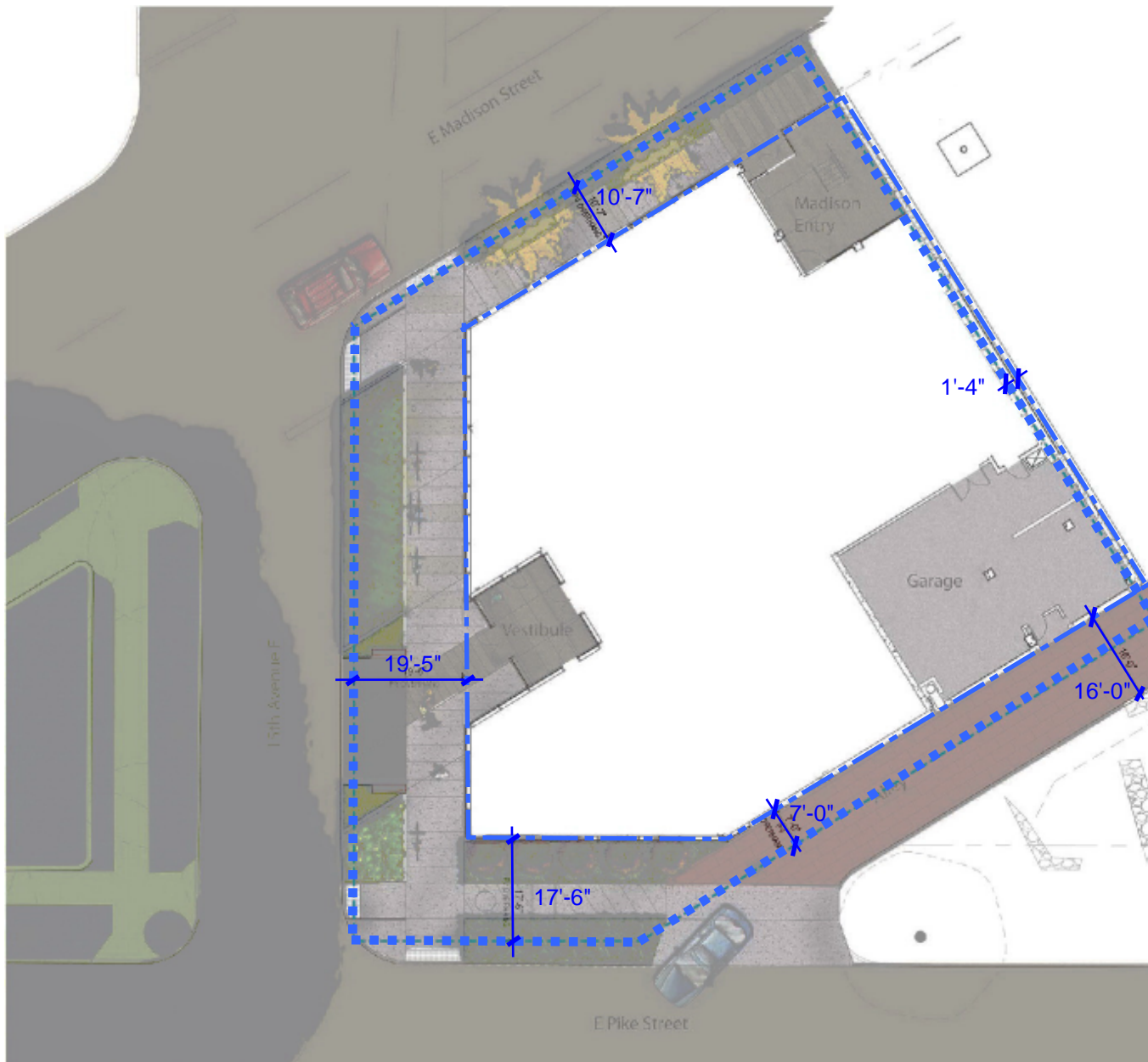
**EAST MADISON STREET
(LOOKING WEST)**



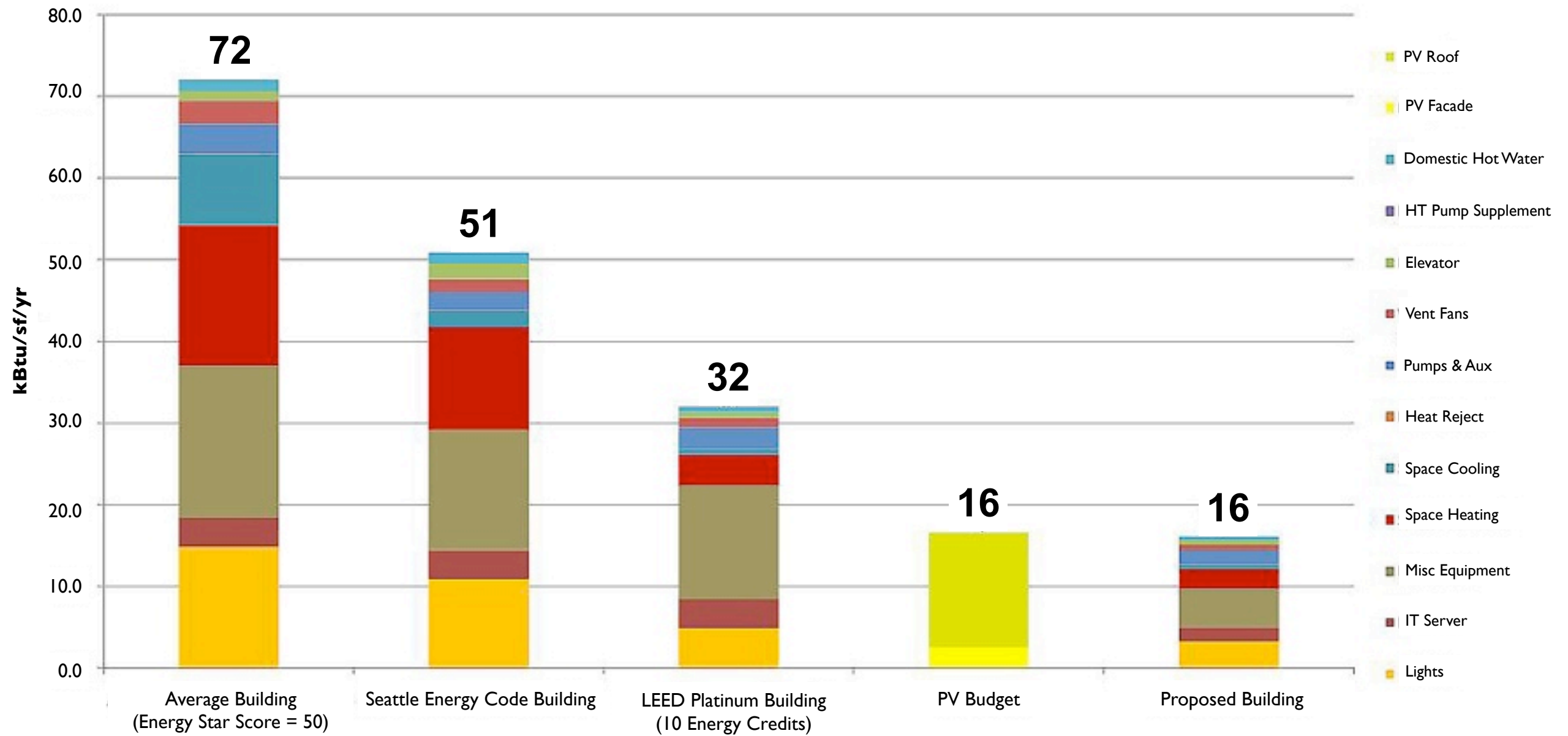
BULLITT CENTER SITE PLAN



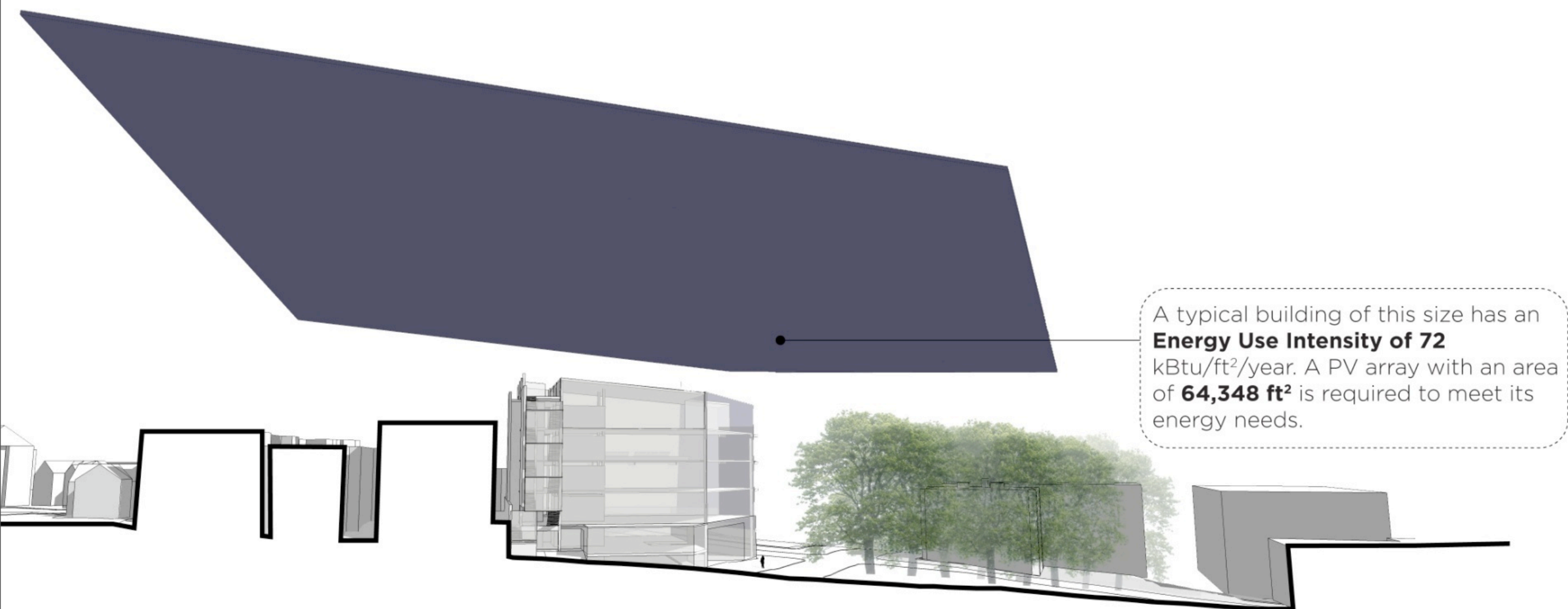
PROPERTY LINE



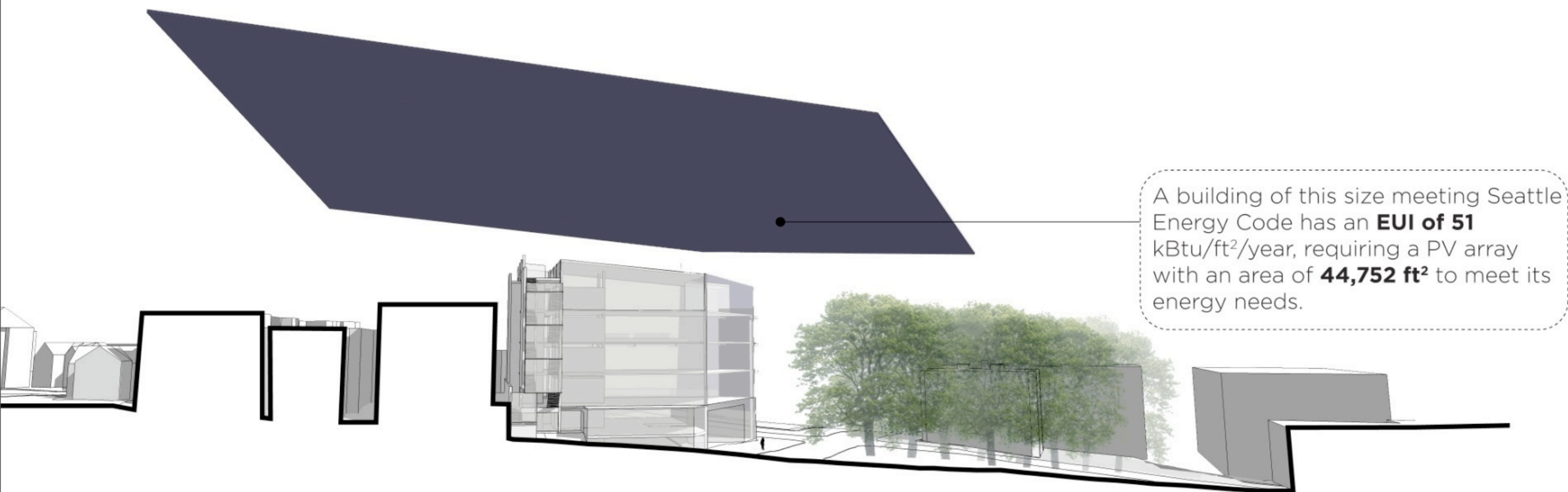
EXTENT OF PV ARRAY



ENERGY USE AND SOLAR BUDGET

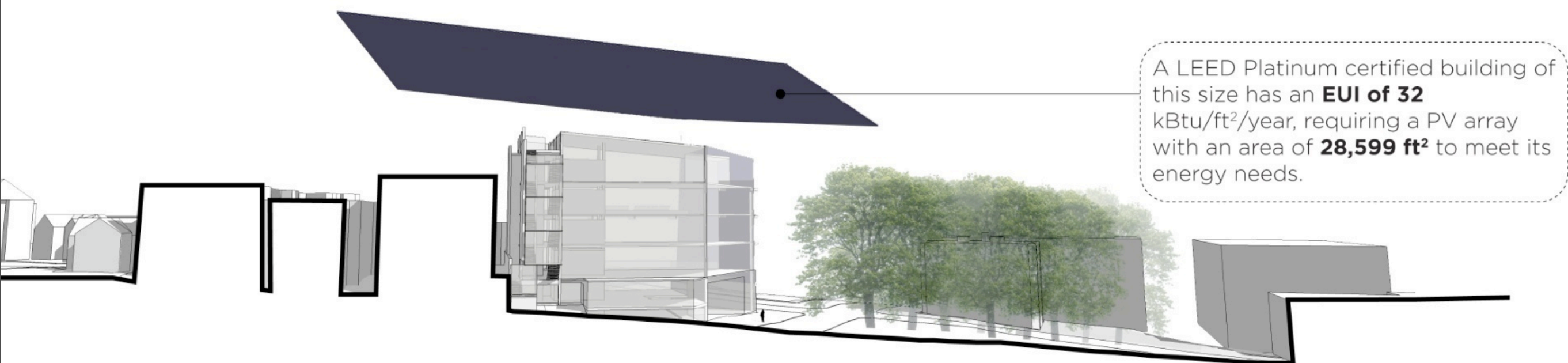


**PV ARRAY REQUIRED TO MEET ENERGY
NEEDS OF A TYPICAL ENERGY STAR
OFFICE BUILDING**



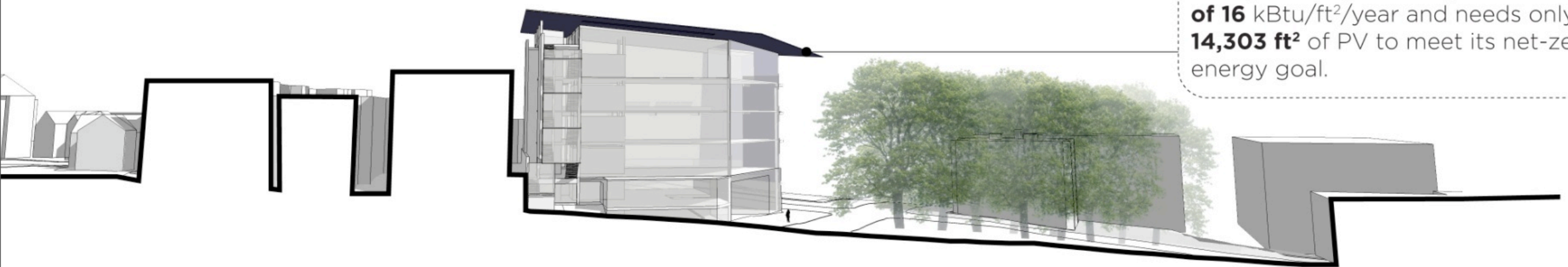
A building of this size meeting Seattle Energy Code has an **EUI of 51** kBtu/ft²/year, requiring a PV array with an area of **44,752 ft²** to meet its energy needs.

**PV ARRAY REQUIRED TO MEET ENERGY
NEEDS OF AN OFFICE BUILDING MEETING
THE SEATTLE ENERGY CODE**



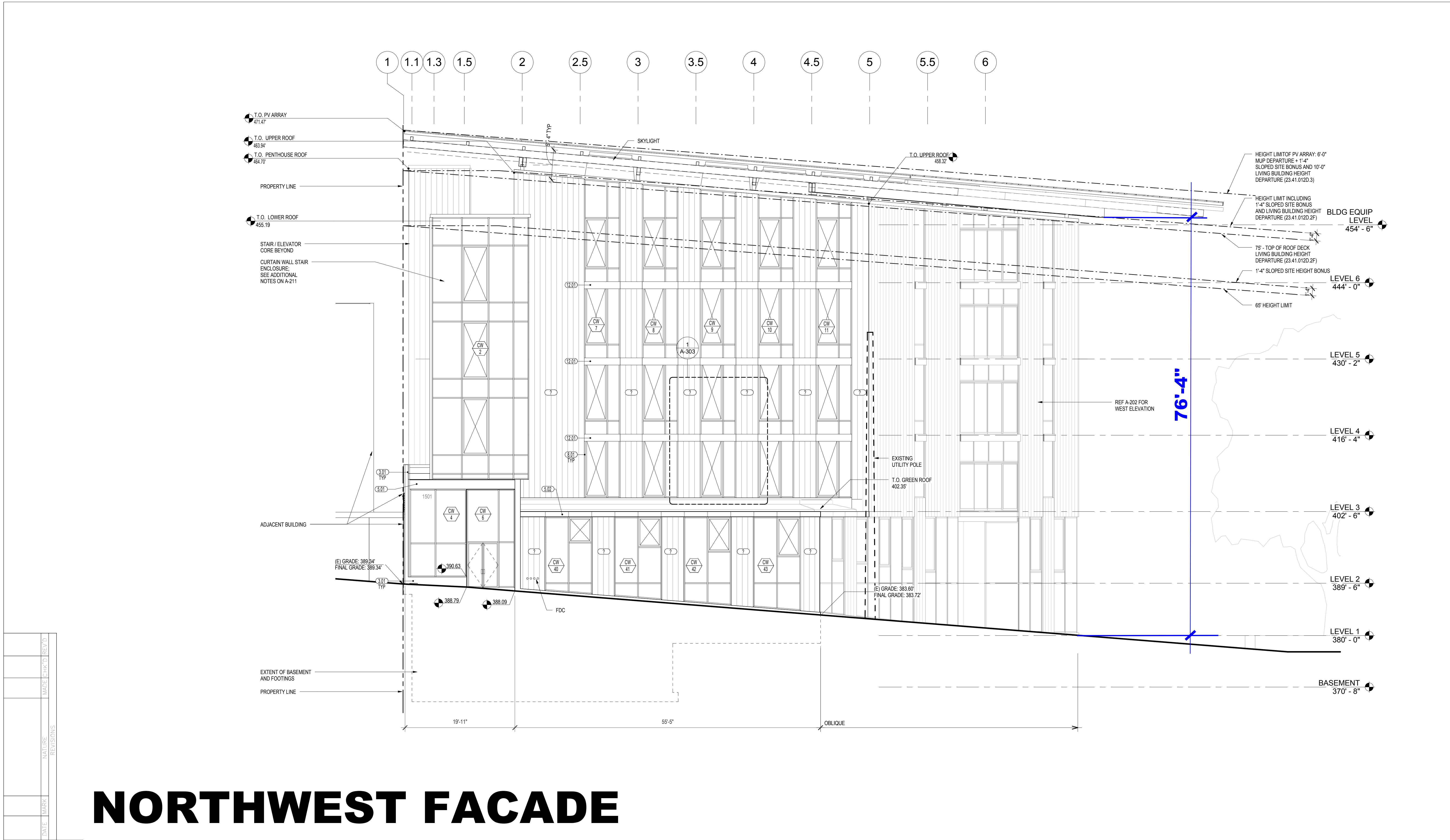
A LEED Platinum certified building of this size has an **EUI of 32** kBtu/ft²/year, requiring a PV array with an area of **28,599 ft²** to meet its energy needs.

PV ARRAY REQUIRED TO MEET ENERGY NEEDS OF A LEED PLATINUM OFFICE BUILDING



The proposed building, meeting the Living Building Challenge, has an **EUI of 16** kBtu/ft²/year and needs only **14,303 ft²** of PV to meet its net-zero energy goal.

PV ARRAY REQUIRED TO MEET ENERGY NEEDS OF THE BULLITT CENTER



NORTHWEST FACADE

DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D



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Architecture and Planning
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Seattle, WA 98104

REVIEWED BY SPU/WATER ENGINEERING	20.....
REVIEWED BY SPU/DRAINAGE	20.....
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	20.....

NAME OR INITIALS AND DATE	INITIALS AND DATE
DESIGNED -	REVIEWED:
CHECKED -	PROJECT MANAGER
DRAWN -	
CHECKED -	
DESIGN REVIEW -	REVISED AS-BUILT
All work done in accordance with the City of Seattle Standard Plans and Specifications in effect on the date shown above, and supplemented by Special Provisions.	

City of Seattle
Seattle Department
of Transportation

WORK ORDER NO: - SPU NO. -
PERMIT NO: - APPROVED
SCALE: H. 1=10' V. 1=5' INSPECTOR'S BOOK

1501 E. MADISON ST

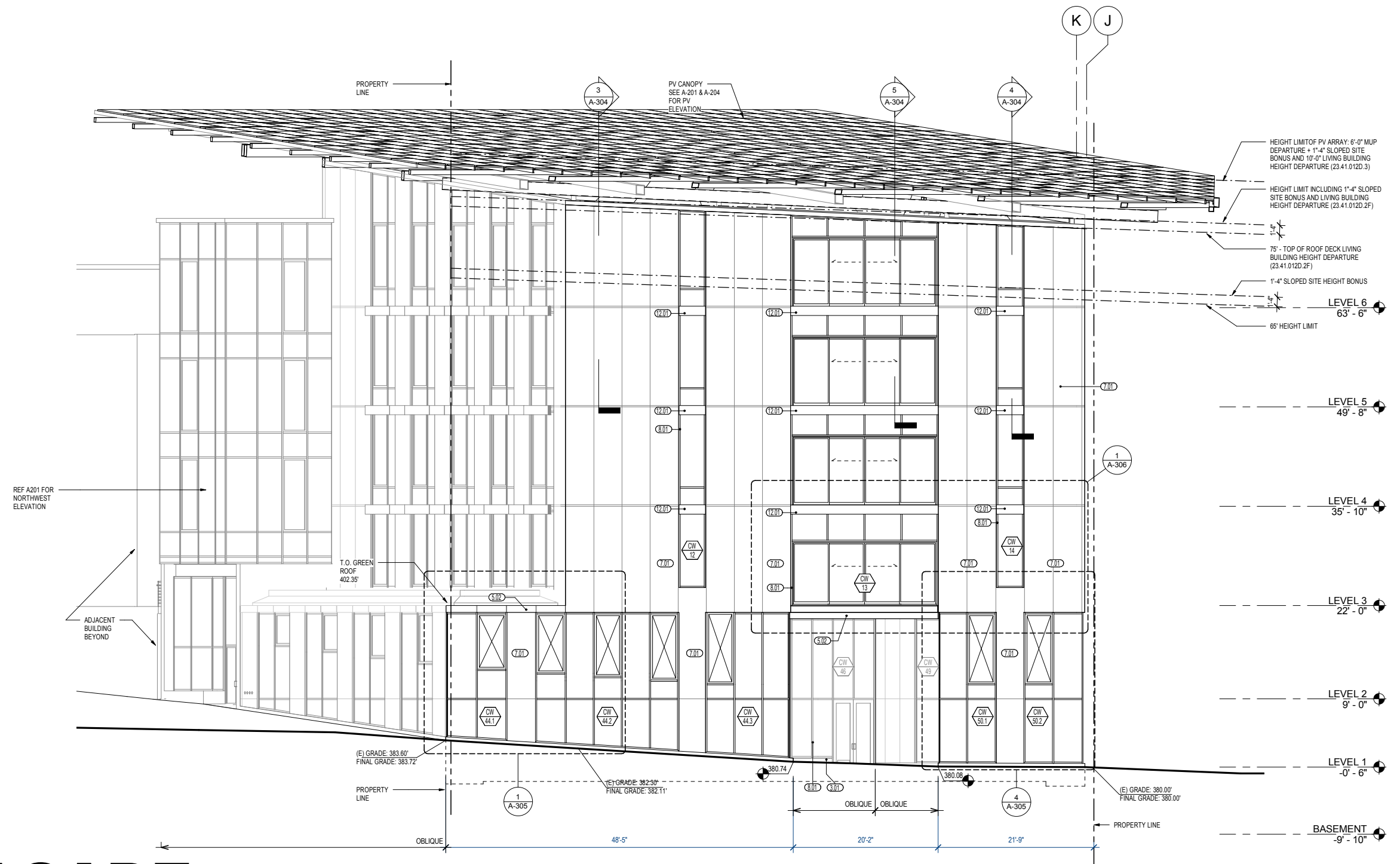
DPD PROJECT -

15TH AVENUE
NORTHWEST FACADE (MADISON)

SDOT PROJECT NO.
VAULT PLAN NO.
VAULT SERIAL NO.
SHEET 2 OF 6

1. METAL PANEL MODULES INDICATE CENTER OF HORIZONTAL AND VERTICAL PANEL JOINTS.

- 3.01 CAST-IN-PLACE CONCRETE
- 5.01 PAINTED STRUCTURAL STEEL
- 5.02 PAINTED STEEL
- 5.03 GUARDRAIL: PAINTED STEEL STANCHIONS WITH STAINLESS STEEL CABLE SYSTEM
- 7.01 METAL WALL PANELS
- 7.02 PREFINISHED METAL FLASHING/ TRIM
- 7.03 PREFINISHED METAL COPING
- 7.04 PAINTED METAL GUTTER/ DOWNSPOUT
- 8.01 ALUMINUM CURTAINWALL
- 8.02 PREFINISHED ALUMINUM TRIM
- 8.03 ALUMINUM SKYLIGHT
- 8.04 OVERHEAD COILING GRILLE
- 8.05 FIXED LOUVER
- 12.01 MOTORIZED EXTERIOR BLINDS



WEST FACADE

1 WEST ELEVATION (15th AVE)
1/8" = 1'-0"

CHECKED

Issue Date: 07/01/2011

Drawn: MP

Checked: SD

MJH Project No.: 0913


REVISIONS

No.	Description	Date
1	MUP Corrections	6/18/10
2	MUP Corrections	10/4/10
3	100% DD Pricing Revisions	10/08/10
5	Permit Revisions	5/20/11

STAMP

7685

REGISTERED ARCHITECT



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07/01/2011

Cons. Permit # 6237843

MUP # 3011010

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MILLER

HULL

SHEET

BUILDING ELEVATION WEST

A-202

1. METAL PANEL MODULES INDICATE CENTER OF HORIZONTAL AND VERTICAL PANEL JOINTS.

- 3.01 CAST-IN-PLACE CONCRETE
- 5.01 PAINTED STRUCTURAL STEEL
- 5.02 PAINTED STEEL
- 5.03 GUARDRAIL: PAINTED STEEL STANCHIONS WITH STAINLESS STEEL CABLE SYSTEM
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- 8.02 PREFINISHED ALUMINUM TRIM
- 8.03 ALUMINUM SKYLIGHT
- 8.04 OVERHEAD COILING GRILLE
- 8.05 FIXED LOUVER
- 12.01 MOTORIZED EXTERIOR BLINDS



SOUTH FACADE

CHECKED

REVISIONS

No.	Description	Date
3	100% DD Pricing Revisions	10/08/10
5	Permit Revisions	5/20/11

Issue Date: 07/01/2011

Drawn: MP


Checked: SD

MJH Project No.: 0913

STAMP

7685

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MILLER

HULL

SHEET

BUILDING
ELEVATION
SOUTH

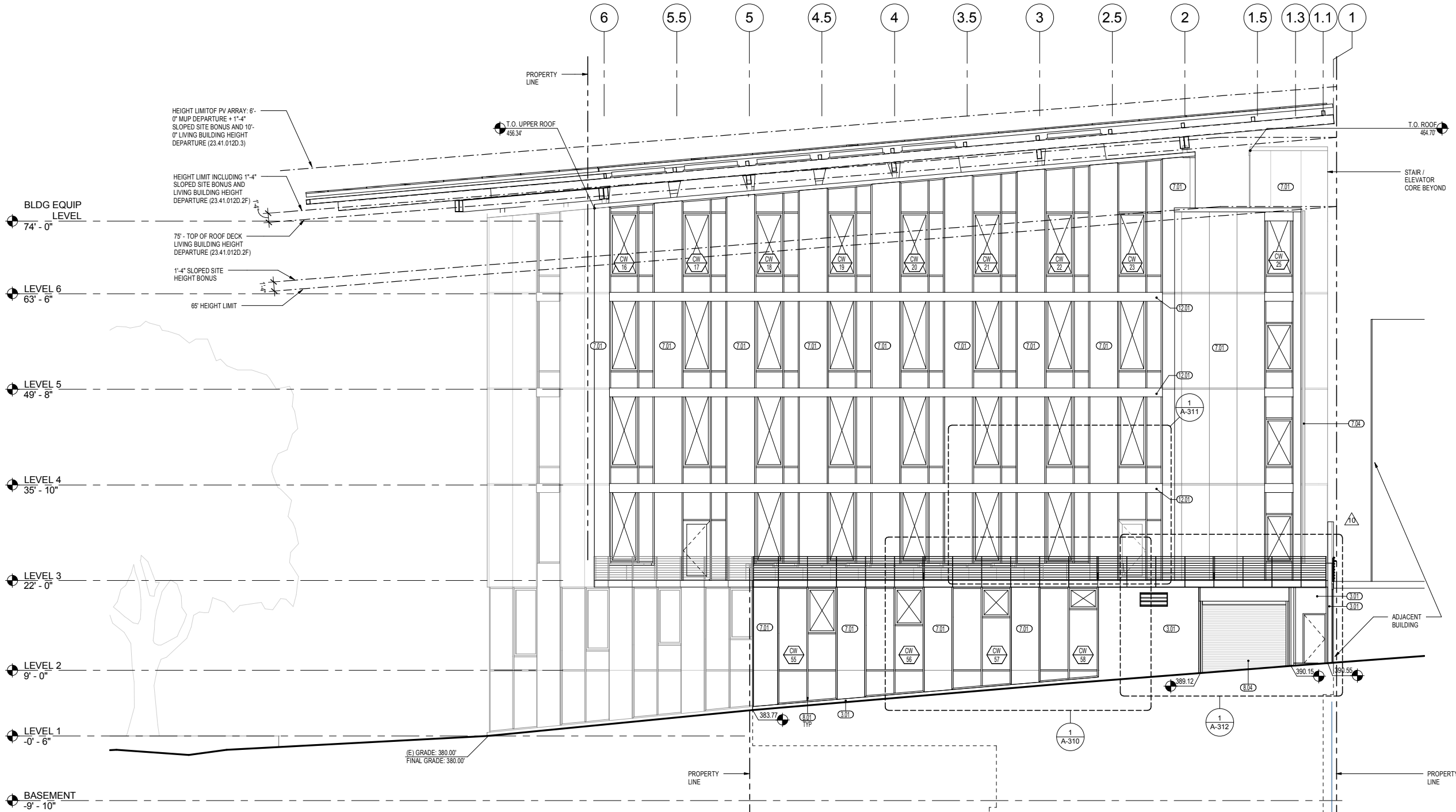
A-203

ELEVATION GENERAL NOTES

1. METAL PANEL MODULES INDICATE CENTER OF HORIZONTAL AND VERTICAL PANEL JOINTS.

MATERIALS LEGEND

- (3.01) CAST-IN-PLACE CONCRETE
(5.01) PAINTED STRUCTURAL STEEL
(5.02) PAINTED STEEL
(5.03) GUARDRAIL- PAINTED STEEL STANCHIONS WITH STAINLESS STEEL CABLE SYSTEM
(7.01) METAL WALL PANELS
(7.02) PREFINISHED METAL FLASHING/ TRIM
(7.03) PREFINISHED METAL COPING
(7.04) PAINTED METAL GUTTER/ DOWNSPOUT
(8.01) ALUMINUM CURTAINWALL
(8.02) PREFINISHED ALUMINUM TRIM
(8.03) ALUMINUM SKYLIGHT
(8.04) OVERHEAD COILING GRILLE
(8.05) FIXED LOUVER
(12.01) MOTORIZED EXTERIOR BLINDS



SOUTHEAST FACADE

1 SOUTHEAST ELEVATION
1/8" = 1'-0"

CHECKED

Issue Date: 07/01/2011
Drawn: MP
Checked: SD
MIJH Project No.: 0913

REVISIONS

No.	Description	Date
1	MUP Corrections	6/18/10
2	MUP Corrections	10/4/10
3	100% DD Pricing Revisions	10/08/10
5	Permit Revisions	5/20/11
10	CCD#3	8/1/11

STAMP



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CONSTRUCTION SET

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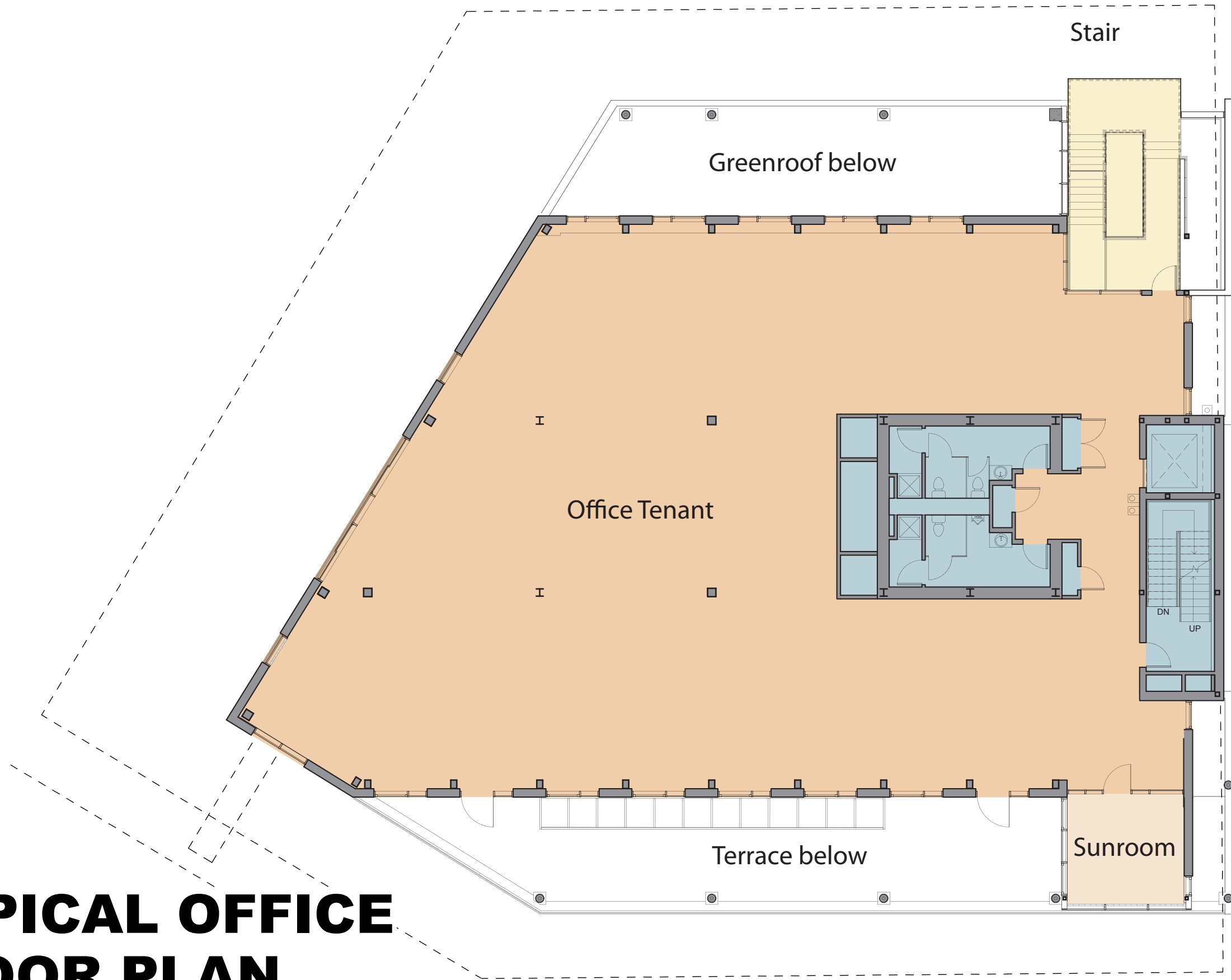


SHEET

BUILDING
ELEVATION
SOUTHEAST

A-204

TYPICAL OFFICE FLOOR PLAN







VIEW FROM EAST MADISON



PV ARRAY STRUCTURE



EAST MADISON PEDESTRIAN EXPERIENCE

Madison Street
Entry and Stair

Trees Not Shown
for Drawing Clarity

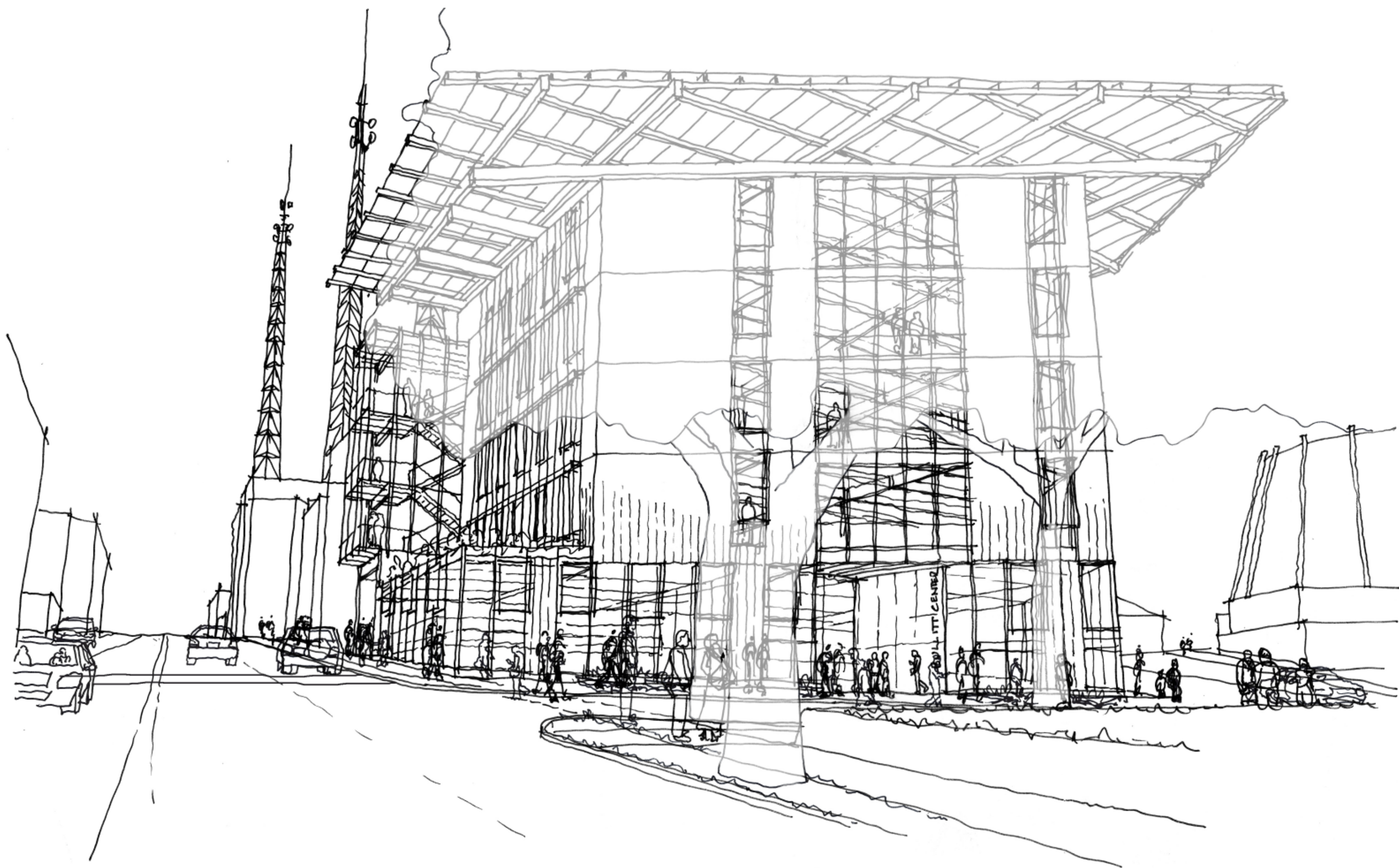
Operable
Windows

Exhibition Space
for Sustainable
Building Practices

8" Concrete
Curb

Wood Ceiling
Visible to Exterior

Transparent
Glazing at
Ground Levels





CASCADIA CENTER
for Sustainable Design & Construction

15TH AVENUE ENTRY



EAST MADISON ENTRY