BULLITT CENTER

NEIGHBORHOOD CONTEXT

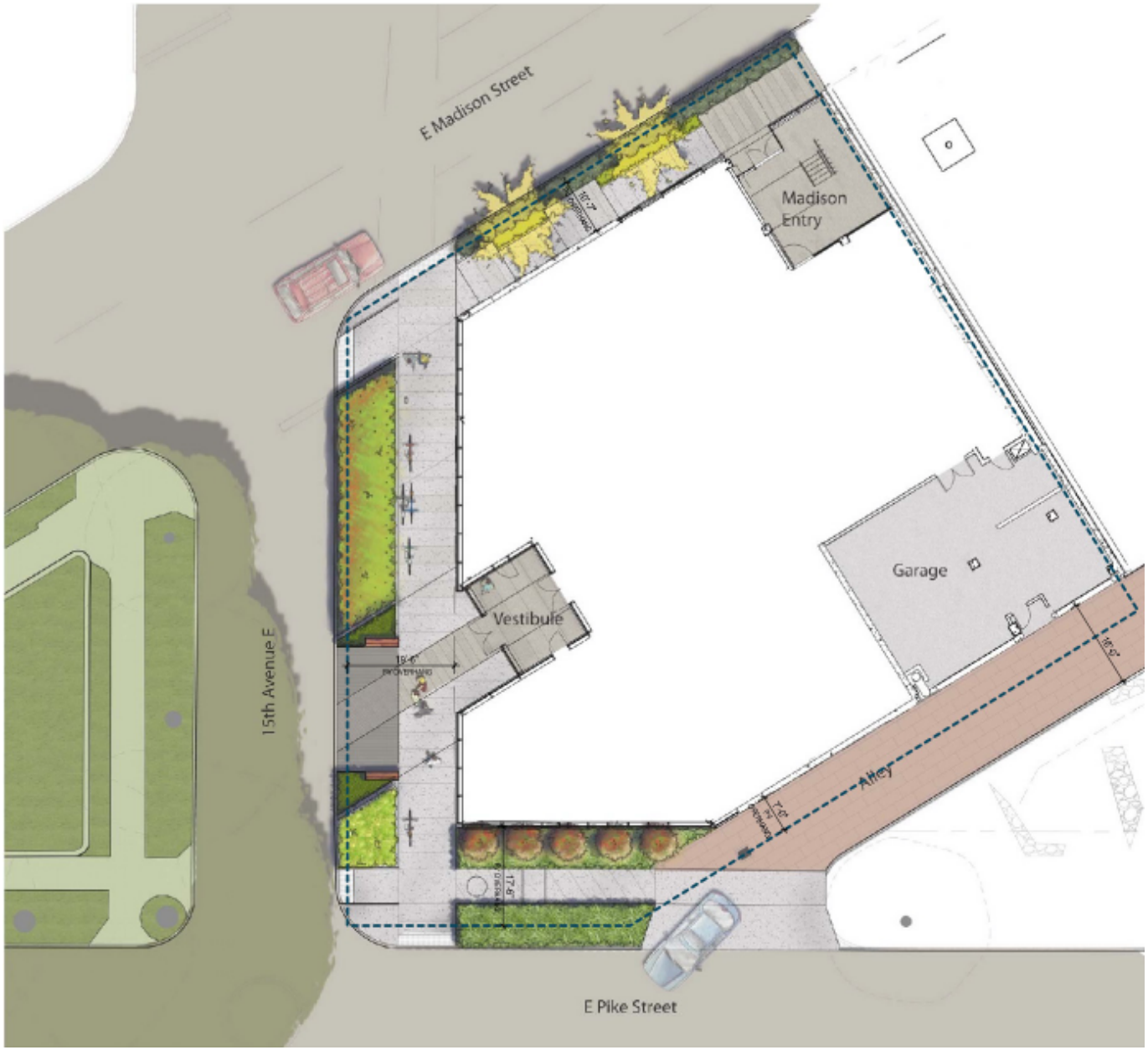
SITE

15TH AVENUE EAST
(LOOKING NORTH)

EAST PIKE STREET/ALLEY
(LOOKING EAST)

EAST MADISON (LOOKING EAST)

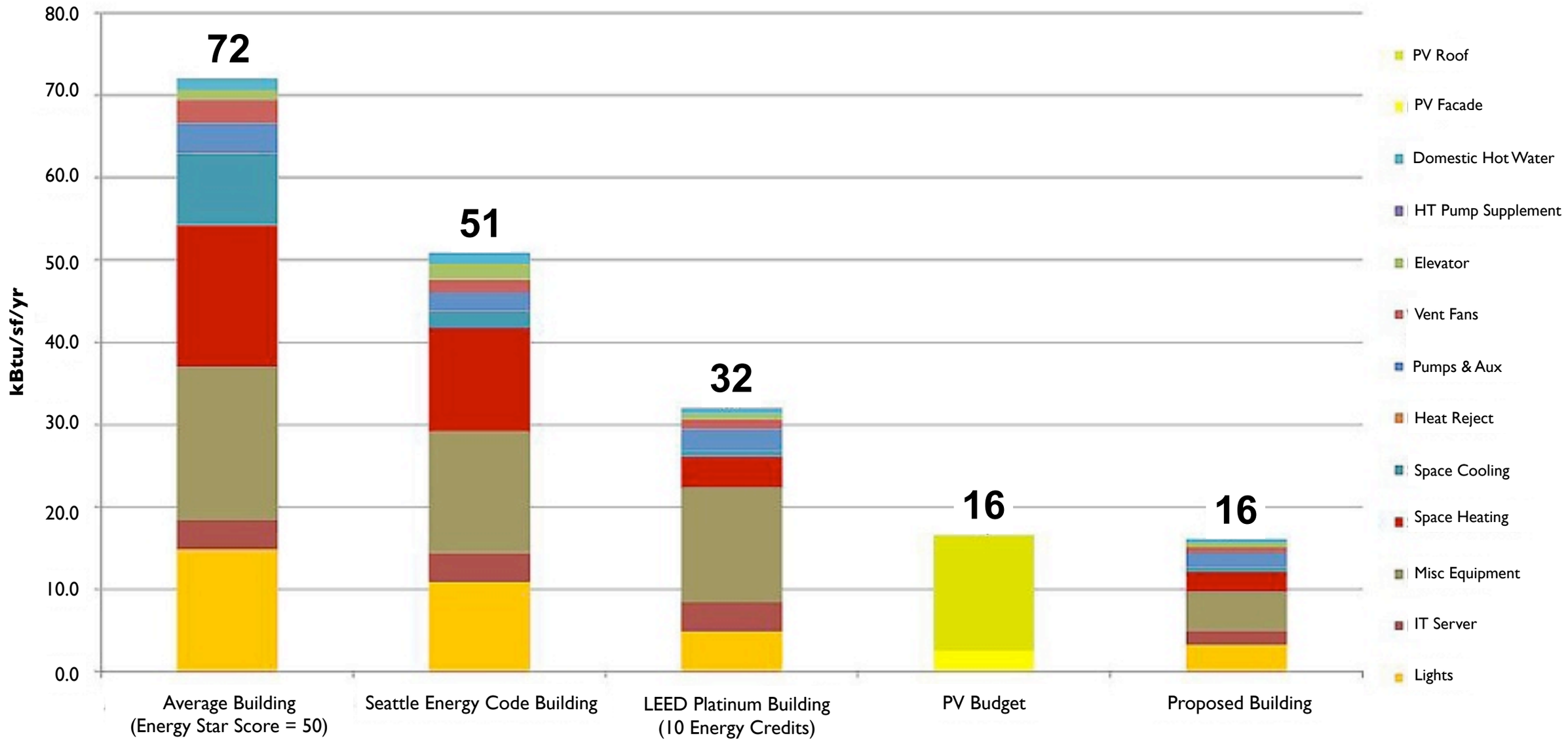
EAST MADISON STREET
(LOOKING WEST)



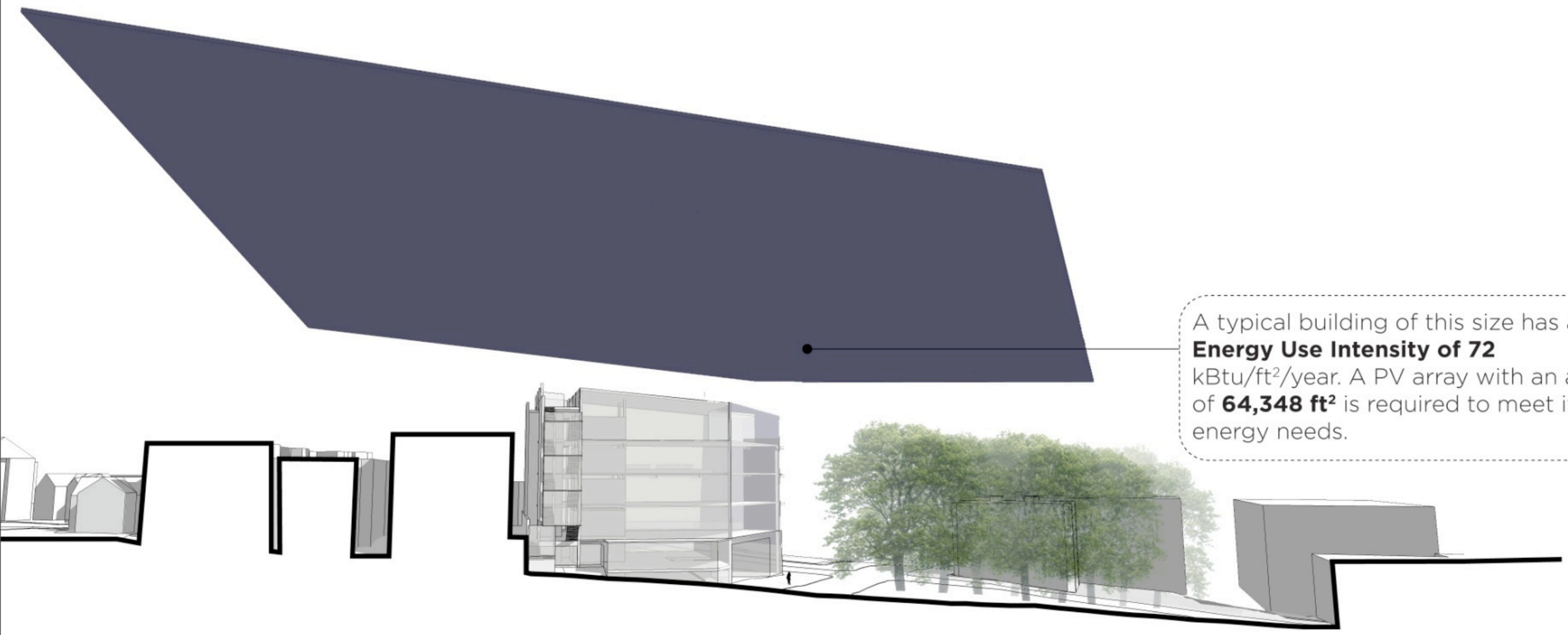
BULLITT CENTER SITE PLAN

PROPERTY LINE

EXTENT OF PV ARRAY

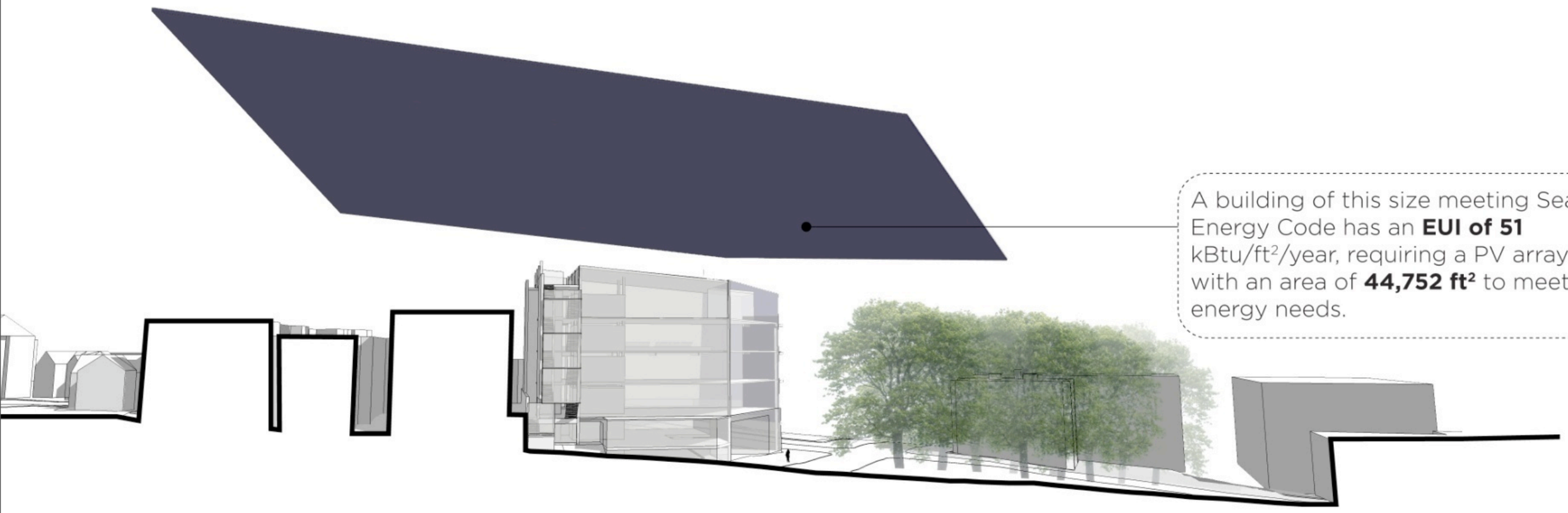


ENERGY USE AND SOLAR BUDGET



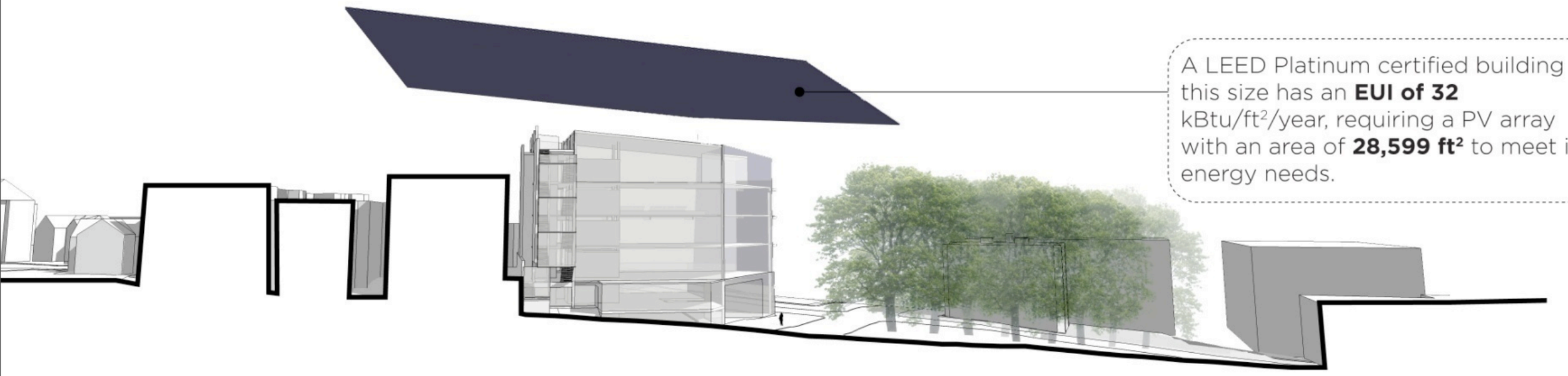
A typical building of this size has an **Energy Use Intensity of 72** kBtu/ft^2/year. A PV array with an area of **64,348 ft^2** is required to meet its energy needs.

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



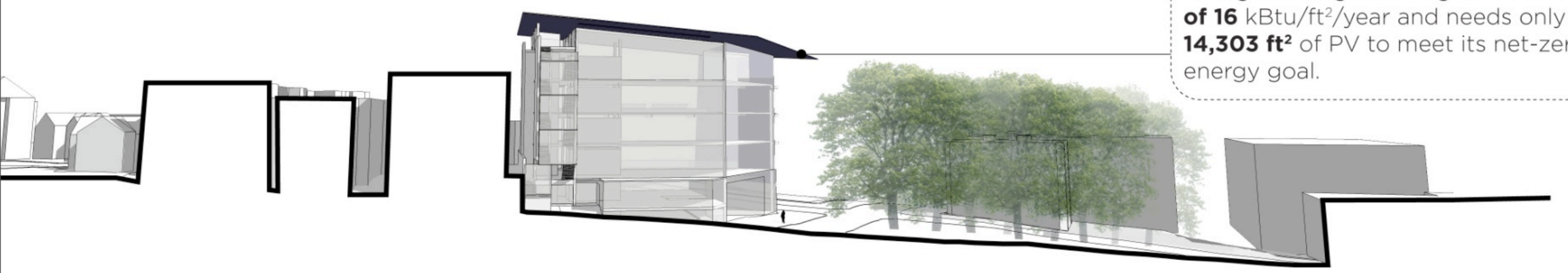
A building of this size meeting Seattle Energy Code has an **EUI of 51** kBtu/ft²/year, requiring a PV array with an area of **44,752 ft²** to meet its energy needs.

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



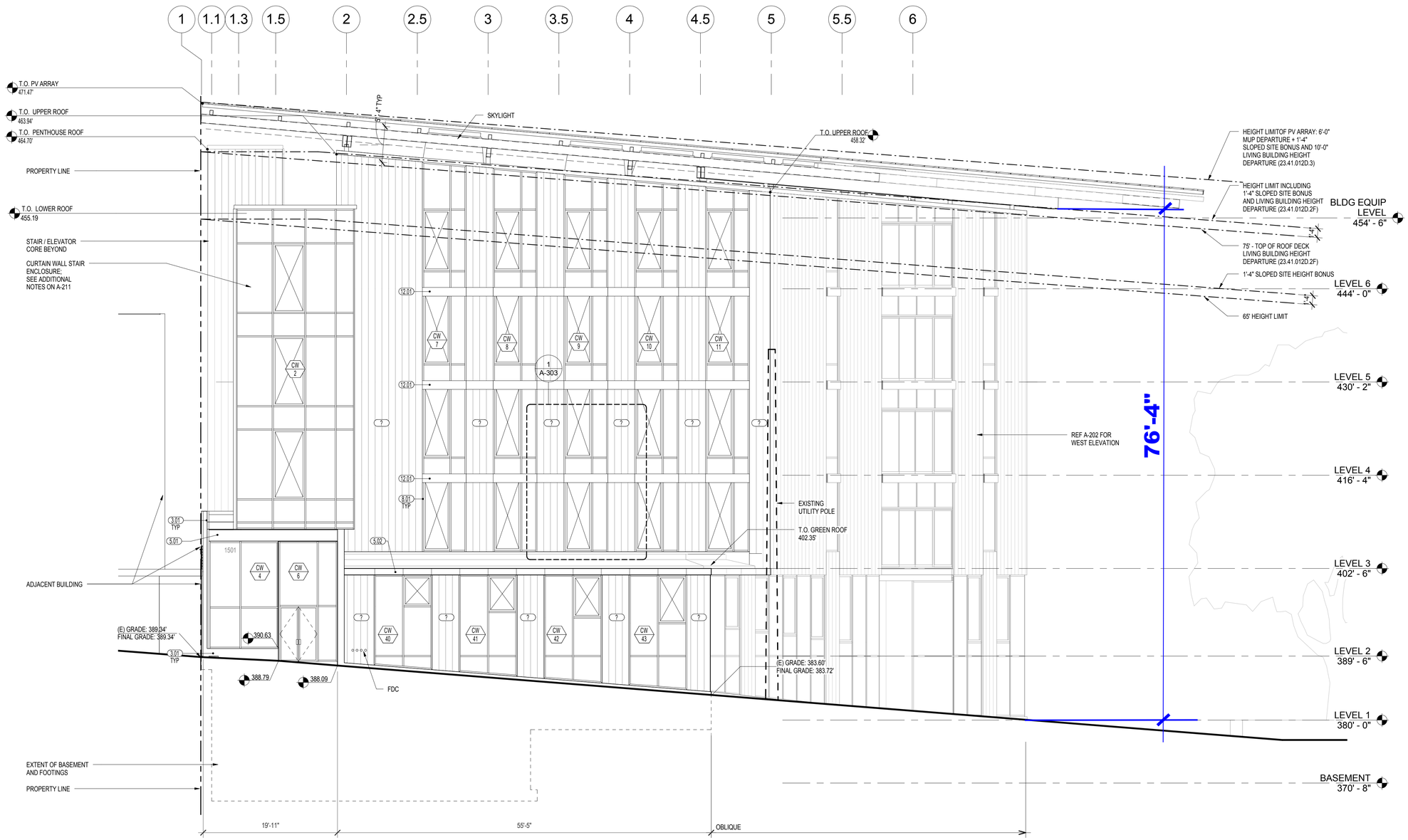
A LEED Platinum certified building of this size has an **EUI of 32** kBtu/ft^2/year, requiring a PV array with an area of **28,599 ft^2** to meet its energy needs.

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/ft^2/year and needs only **14,303 ft^2** 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 OF REVISIONS	MADE	CHK'D	REV'D

MILLER HULL

ARCHITECT

The Miller|Hull Partnership, LLP
Architecture and Planning

Phone 206.682.6837
Fax 206.682.5692
Contact:
millerhull@millerhull.com

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71 Columbia
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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 xxxxxxx	REVIEWED:
CHECKED xxxxxxx	PROJECT MANAGER
DRAWN xxxxxxx	
CHECKED xxxxxxx	
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: –
PERMIT NO: –
SCALE: H. 1=10' V.1=5'
SPU NO. –
APPROVED
INSPECTORS'S BOOK

1501 E. MADISON ST

DPD PROJECT –

15TH AVENUE

NORTHWEST FACADE (MADISON)

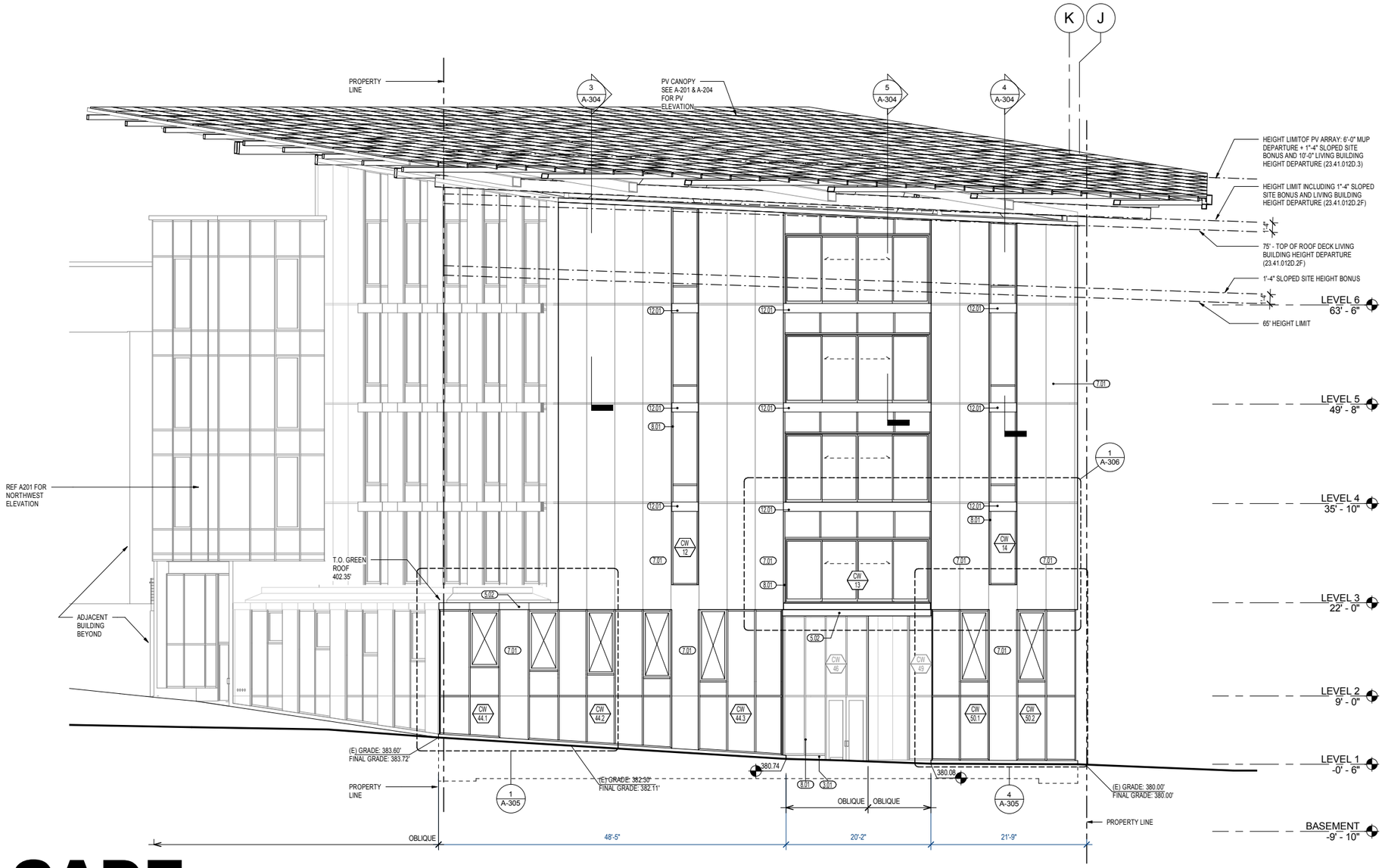
SDOT PROJECT NO. -
VAULT PLAN NO. -
VAULT SERIAL NO. -
SHEET 2 OF 6

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



WEST FACADE

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

CHECKED	REVISIONS	STAMP	CONSULTANT
Issue Date: 07/01/2011 Drawn: MP Checked: SD M|H Project No.: 0913			

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

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RONALD V. ROCHON JR.
STATE OF WASHINGTON

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07/01/2011
Cons. Permit # 6237843
MUP # 3011010

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MILLER HULL

SHEET
BUILDING ELEVATION WEST
A-202

ELEVATION GENERAL NOTES

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

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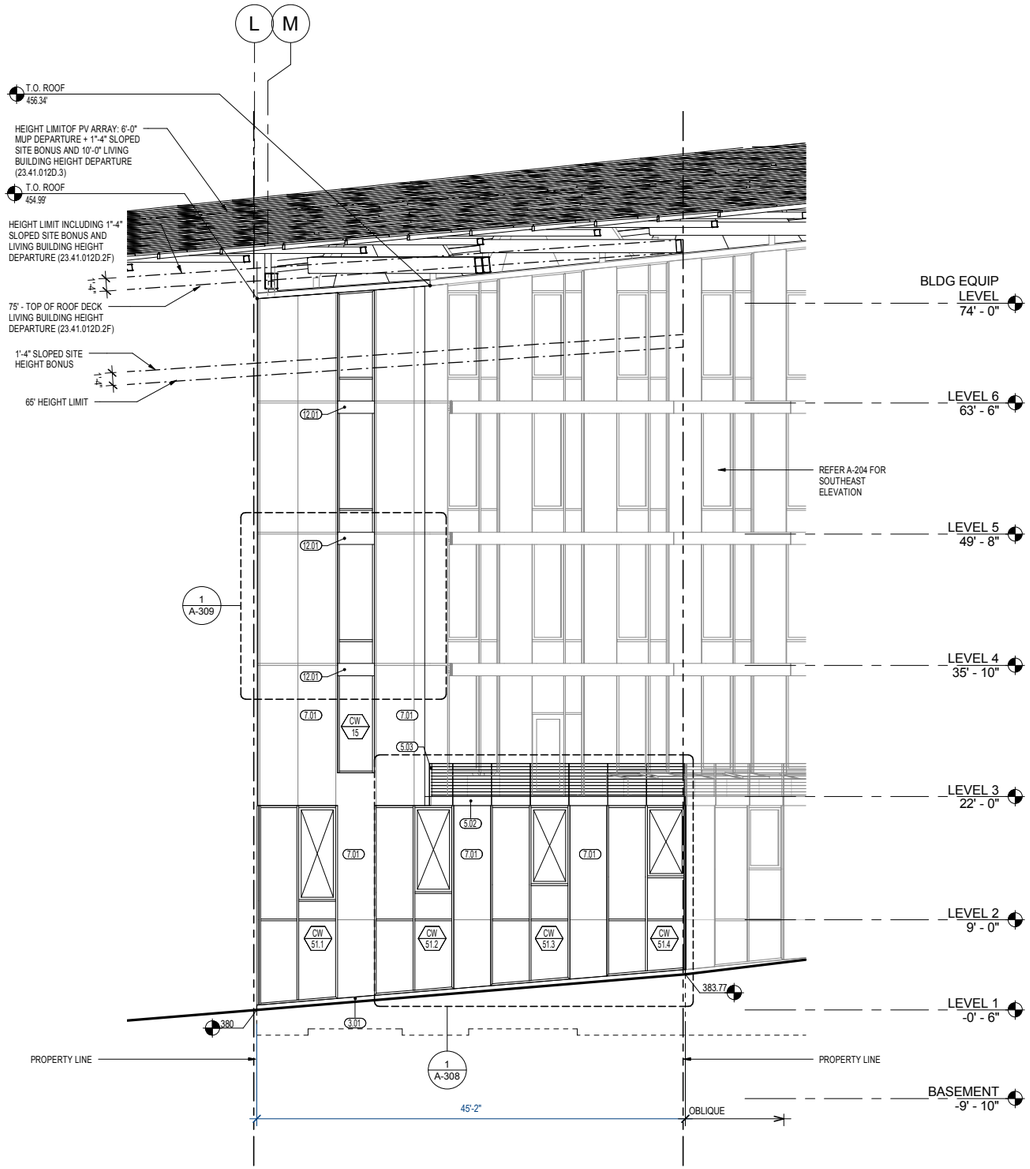

1 SOUTH ELEVATION (PIKE STREET)
1/8" = 1'-0"

SOUTH FACADE

CHECKED

Issue Date: 07/01/2011
Drawn: MP
Checked: SD
M|H Project No.: 0913

REVISIONS

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

STAMP

7685 REGISTERED ARCHITECT RONALD V. HOCHSPRUNG JR. STATE OF WASHINGTON

CONSULTANT

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MILLER HULL

SHEET
BUILDING ELEVATION SOUTH
A-203

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6/6/2011 2:43:49 PM

ELEVATION GENERAL NOTES

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

MATERIALS LEGEND

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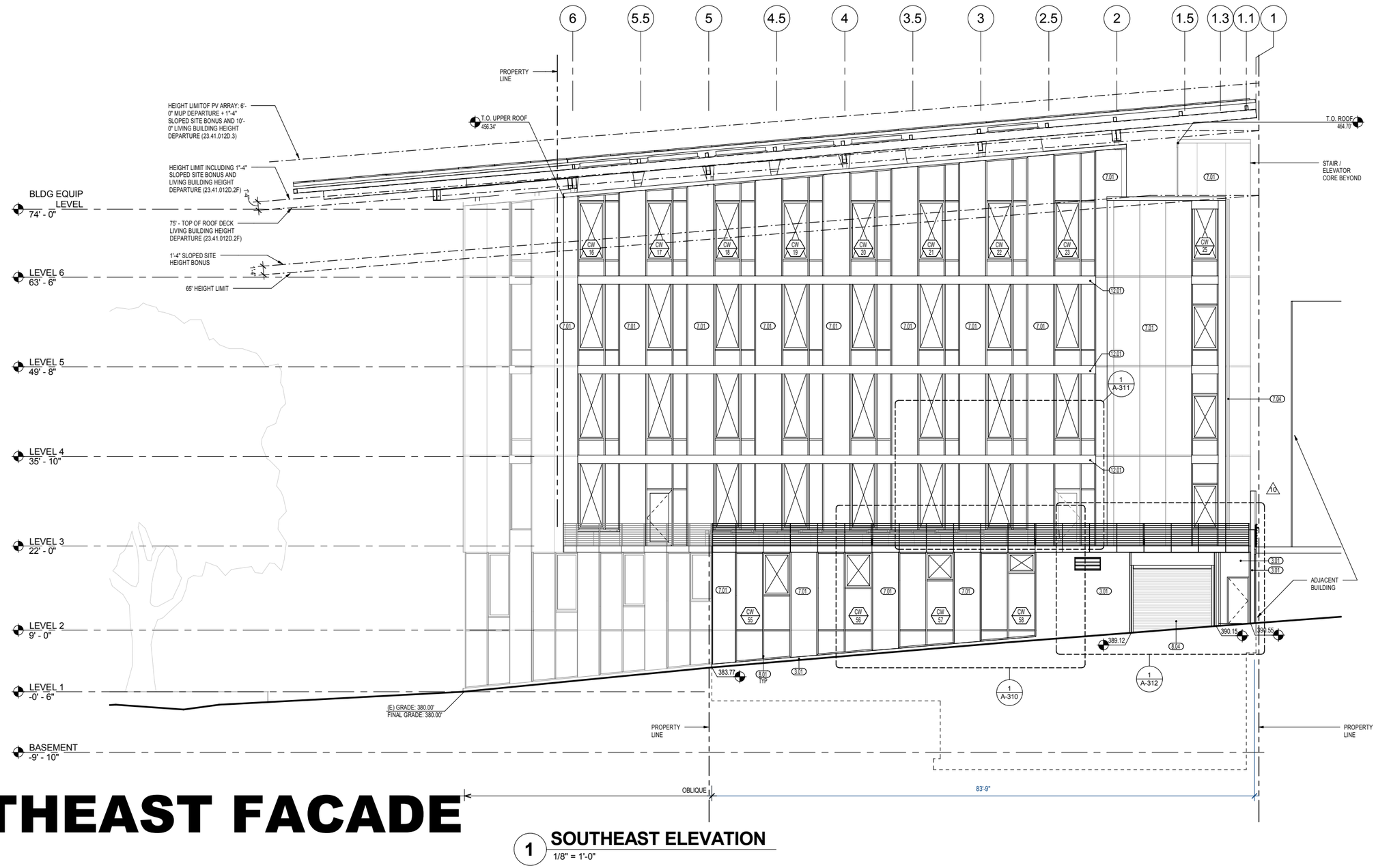
- 12.01 MOTORIZED EXTERIOR BLINDS



SOUTHEAST FACADE

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

CHECKED

Issue Date: 07/01/2011
Drawn: MP
Checked: SD
M|H 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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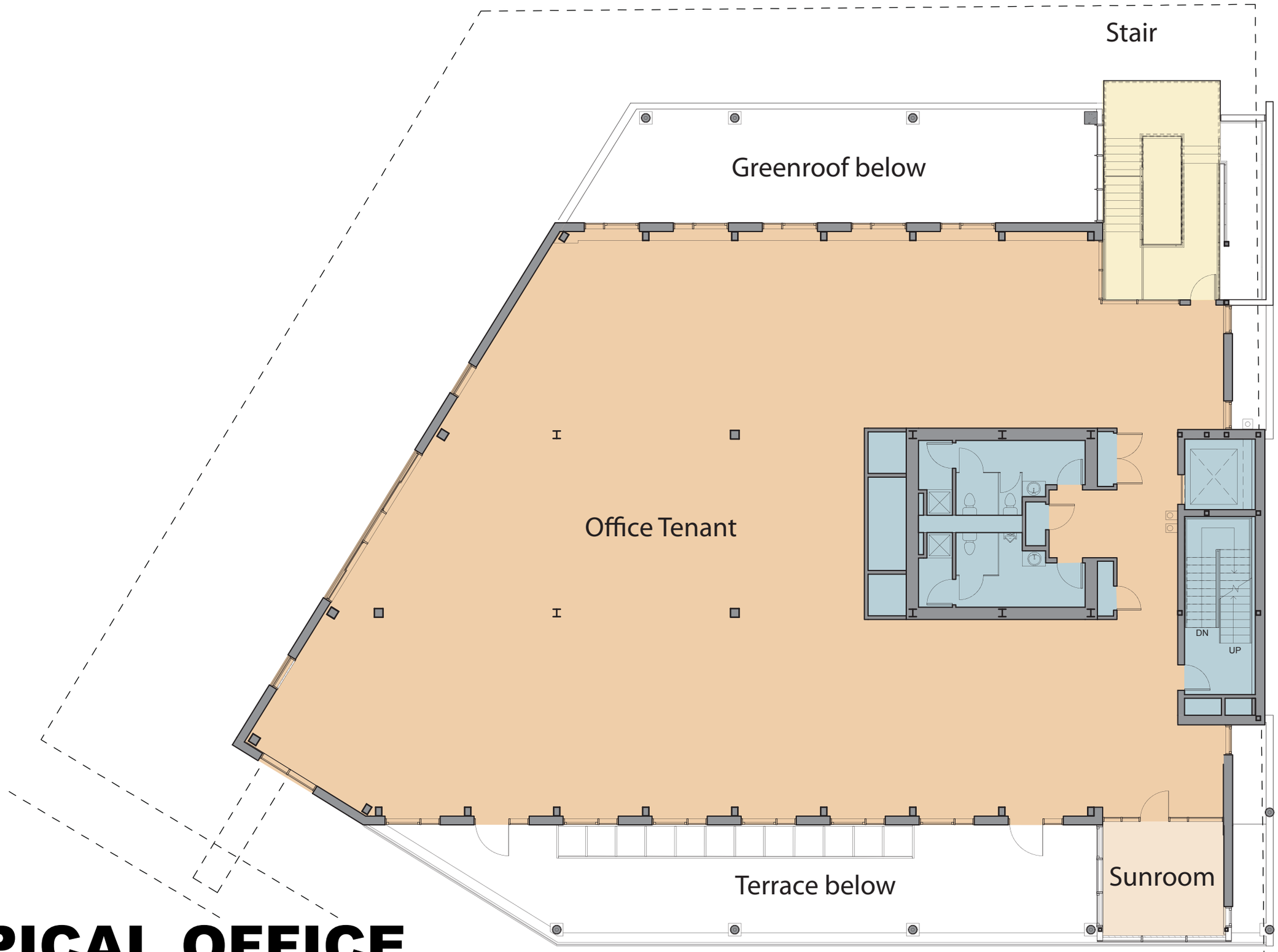
MILLER HULL

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

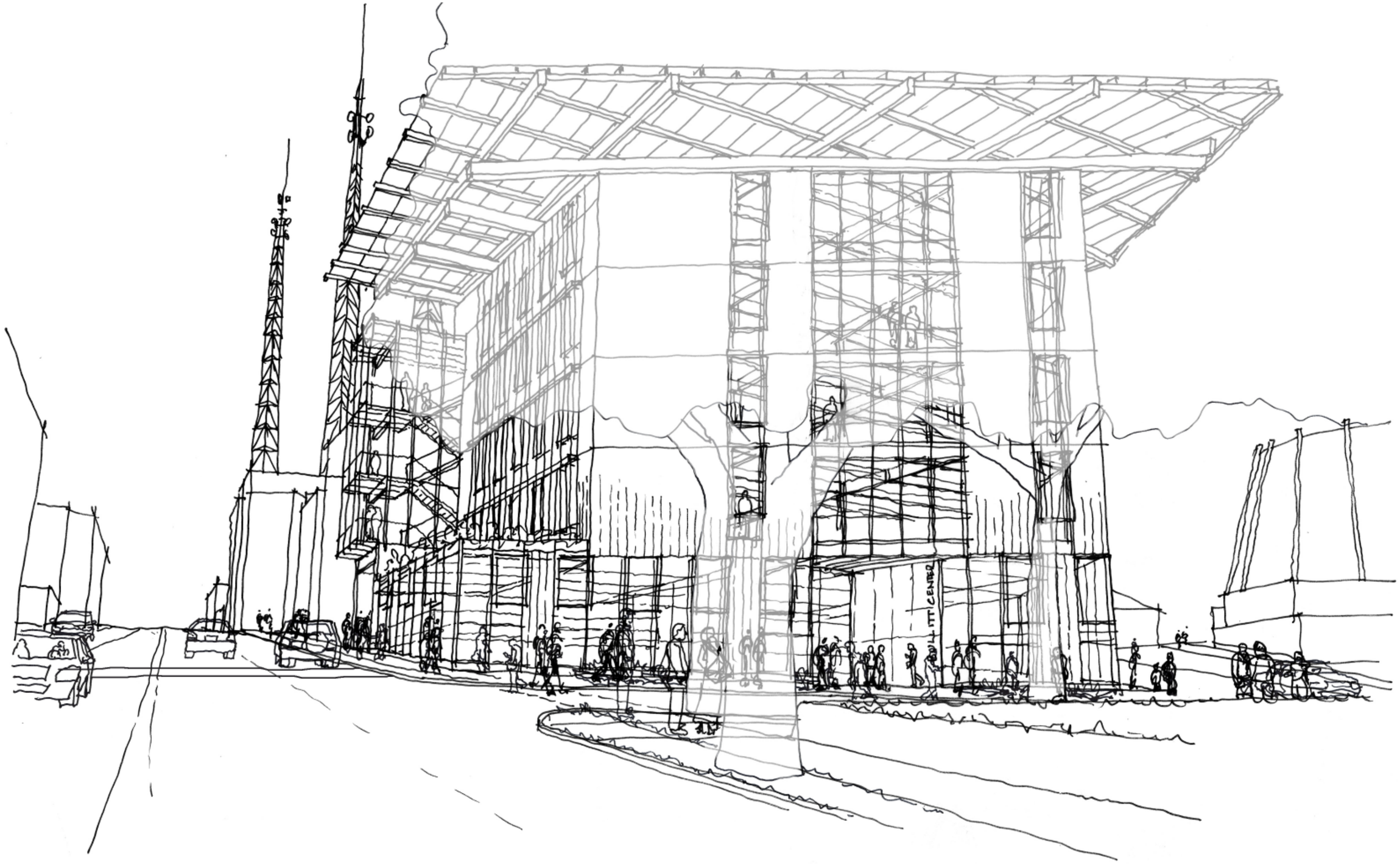
Operable Windows

Exhibition Space for Sustainable Building Practices

8" Concrete Curb

Wood Ceiling Visible to Exterior

Transparent Glazing at Ground Levels


POLITECNICO

15TH AVENUE ENTRY

EAST MADISON ENTRY