# EXHIBIT C

## 1400 MONTANA AVENUE NE

NORTHEAST, WASHINGTON D.C.

## **BOARD OF ZONING ADJUSTMENT SUBMISSION**

<u>DEVELOPER</u> MCF 1400 MONTANA, LLC

LAND USE COUNSEL COZEN O-CONNER

ARCHITECT MAURICE WALTERS ARCHITECT, PC

<u>CIVIL</u> BOHLER DC

<u>LANDSCAPE</u> MOODY GRAHAM

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BZA SUBMISSION: JANUARY 15th, 2019

#### 1400 Montana Ave. NE - Zoning Analysis

#### MCF 1400 Montana, LLC

Maurice Walters Architect, PC 1/15/2019

Allowable		MU-4 Subtitle G	RA-1 Subtitle E	Proposed
Purpose and Int	ent	The MU-4 zone is intended to: (a) Permit moderate density mixed-use development; (b) Provide facilities for shopping and business needs, housing, and mixed uses for large segments of the District of Columbia outside of the central core; and (c) Be located in low- and moderate-density residential areas with access to main roadways or rapid transit stops, and include office employment centers, shopping centers, and moderate bulk mixed-use centers.	The RA-1 zone provides for areas predominantly developed with low- to moderate - density development, including detached dwelings,	. reposed
FAR		2.5 / 3.0 w/ IZ (402.1) 1.5 max non-residential	0.9 (302.1) 20% bonus with IZ (1002.4)	MU-4: 2.68 (IZ provided) RA-1: 1.05 (IZ provided)
Building Height		50 ft (403.1)	40 ft. (303.1)	MU-4: 47'-5"
Penthouse		42 ft h. 45 ft for markering language 4 steet, 2nd	12 ft. h, 1 story (303.2)	RA-1: 39'-9" MU-4: 12' at habitable space, 15' at mech RA-1: 12'
		12 ft h, 15 ft for mechanical space, 1 story, 2nd permitted for mechanical (403.3)		
Lot Occupancy		60% at residential, 75% w/ IZ (404.1)	40% (304.1)	MU-4: 67% (IZ provided) RA-1: 35% (IZ provided)
Dwelling Units		N/A	N/A	101-108 DU
Rear Yard		15 ft (405.2) measured 25' above the mean elevation of the rear lot line. For irregularly shaped lot, the furthermost point or line from street lot line is deemed the point or line from which the req. rear yard shall be measured (B.318.1)	20 ft (305.1) In the case of a through lot or corner lot abutting three or more streets, the depth of the rear yard may be measured from the centerline of the street abutting the lot at the rear of the structure (305.2).	Where a lot does not have a rear lot line, such as when the side yards converge at a point, or where the rear lot lines intersect at an angle less than ninety degrees, a rear yard shall be measured as an arc from the point opposite the front lot line(s). (B.318.4) MU-4 arc from intersection of Evarts lot line and line of zone change, 15'. RA-1 arc from intersection of Evarts and Saratoga lot line intersection, 20'
Side Yard		No side yard required, if provided it must be 2" / ft. of ht., not less than 5 ft. (406.1).	A side yard shall not be required along a side street abutting a corner lot in RA-1 zone (306.4).	Not Required, Not Provided
Courtyards	Open	width=4 in / ft of ht, not less than 10 ft (202.1)	width= 4 in / ft of ht, not less than 10 ft (202.1)	Open court at RA-1. 38'H = 12'-8"w 14'-8" width provided
Courtyards	Closed	width=4 in / ft of ht, not less than 15 ft area=req'd width squared, not less than 350 sq ft (202.1)	width= 4 in / ft of ht, not less than 15 ft area=req'd width squared, not less than 350 sq ft (202.1)	None Provided
GAR		0.3 (407.1)	0.4 (307.1)	MU-4: 0.3 RA-1: 0.4
Parking Requir Metro Reduction	100	50% reduction for any site within 0.5 mi. of Metrorail station (702.1)	50% reduction for any site within 0.5 mi. of Metrorail station (702.1)	.60 miles to Rhode Island Ave metro No reduction
		50% reduction for any site within 0.25 mi. of Priority Corridor Network Metrobus route, Rhode Island Avenue (Route G8) (702.1)	50% reduction for any site within 0.25 mi. of Priority Corridor Network Metrobus route, Rhode Island Avenue (Route G8) (702.1)	.31 miles to 12th and Evarts stop No reduction
Residential		1 space / 3 dwelling units in excess of 4 units (701.5)	1 space / 3 dwelling units in excess of 4 units (701.5)	106 units, 34 required, 32 provided, including 1 Car Sharing Space. Car sharing space, up to (2) may be counted as (3) spaces (c.708.2)
Bicycles (802.1)		Long Term: 1 space for each 3 dwelling units Short Term: 1 space for each 20 dwelling units	Long Term: 1 space for each 3 dwelling units Short Term: 1 space for each 20 dwelling units	106 units, 36 required, 36 provided 106 units, 6 required, 6 provided
<u>Loading</u> Residential		1 Loading Berth (12' x 30') / 1 Platform (100 sf) 1 Service / Delivery (10'x20')	1 Loading Berth (12' x 30') / 1 Platform (100 sf) 1 Service / Delivery (10'x20')	(1) 12'x30' Serv/Delivery Berth provid 1 Platform (100 sf) provided

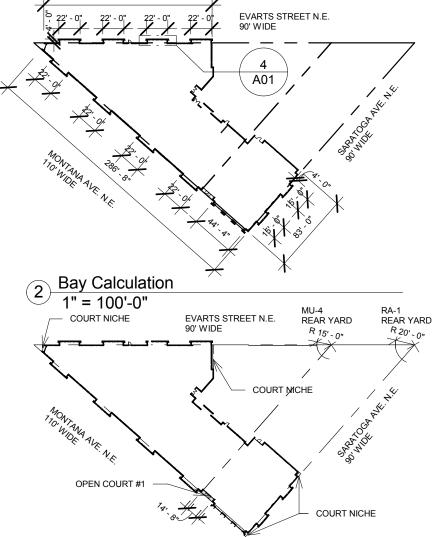
307.1 In other than R, RF, RA, RC-1, CG-1 and D-1 zones, the building height shall be the vertical distance measured from the level of the curb, opposite the middle of the front of the building to the highest point of the roof or parapet or a point designated by a specific zone district.

308.2 BHMP shall be established at the adj natural or finished grade, whichever is the lower in elevation, at the mid-point of the building façade of the principle bldg that is closest to a street lot line. BHMP for RA-1 shall be calculated along Montana Ave. at RA-1 portion 308.3 The height of a bldg with a flat roof shall be measured from the BHMP to the highest point of the roof excluding parapets and balustrades not exceeding four feet

1400 Montana Ave NE



### ZONE MAP (NTS)



#### SUMMARY:

#### MU-4 Site:

- 23,717 sf
- Type 3A construction
- N/A stories + 12'-15' penthouse Proposed: 12' & 15'
- 50 ft allowable zoning height Proposed: 47'-5"
- FAR = 2.5 (3.0 IZ) Proposed: 2.68
- 60% lot occupancy for residential use (75% IZ)
  - Proposed: 67%
- NFPA 13 sprinkler system
- 0.3 GAR required, 0.351 GAR provided

#### RA-1 Site:

- 15,156 sf
- Type 3A construction
- 3 stories allowed + 12' penthouse Proposed: 12'
- 40 ft allowable zoning height Proposed: 39'-9"
- FAR = 0.9 (1.08 IZ) Proposed: 1.05
- 40% max lot occupancy Proposed: 35%
- NFPA 13 sprinkler system
- 0.4 GAR required, 0.4 GAR provided

#### DCMR 12 CONSTRUCTION CODE 2013

#### 3202.10.3.1 Width

- 2. Single projection of 9' allowed for bldgs having width greater than 16'
- 3. Allowable width of single projection shall increase 6 inches for every foot of increase in width of building between 16'-24' wide at building line
- 4. For buildings over 24 feet in width, the allowable width of a single projection shall increase 2 inches for every foot of
- increase in width of the building over 24 feet
- 6. On buildings 24 feet wide a double projection shall be allowed, the total width of both projections not to exceed 13 feet
- 7. allowable aggregate width of double or multi projections on buildings exceeding 24 feet in width at the building line shall be increased 6 inches for each foot of increased building width over 24 feet
- 8. the width of bay window projections shall be measured at a distance of 1 foot from the lot line or bldg restriction line

#### 3202.10.3.2 Height

The height of bay windows shall not be limited

#### 3202.10.3.3 Projection

2. Projection of bay window limited to 4 feet on streets more than 70 ft wide.

#### Bay Width Allowed -

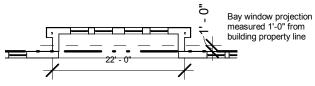
Double projection - "total width of both projections not to exceed 13" Allowable aggregate width...on building exceeding 24 feet in width 13'+((L'-24')\*0.5') = allowable combined bay projections

Montana Ave Facade: L = 286'-8" : 13'+((286'-8"-24')\*0.5')

= 144'-4" allowed (132'-4 provided)

Saratoga Ave Facade: L = 83' : 13' + ((83'-24')\*0.5') = 42.5'allowed (30' provided)

Evarts St Facade: L = 175' : 13'+((175'-24')\*0.5') = 88'-6" allowed (88' provided)



4 Typ Bay Dimensions 1/16" = 1'-0"

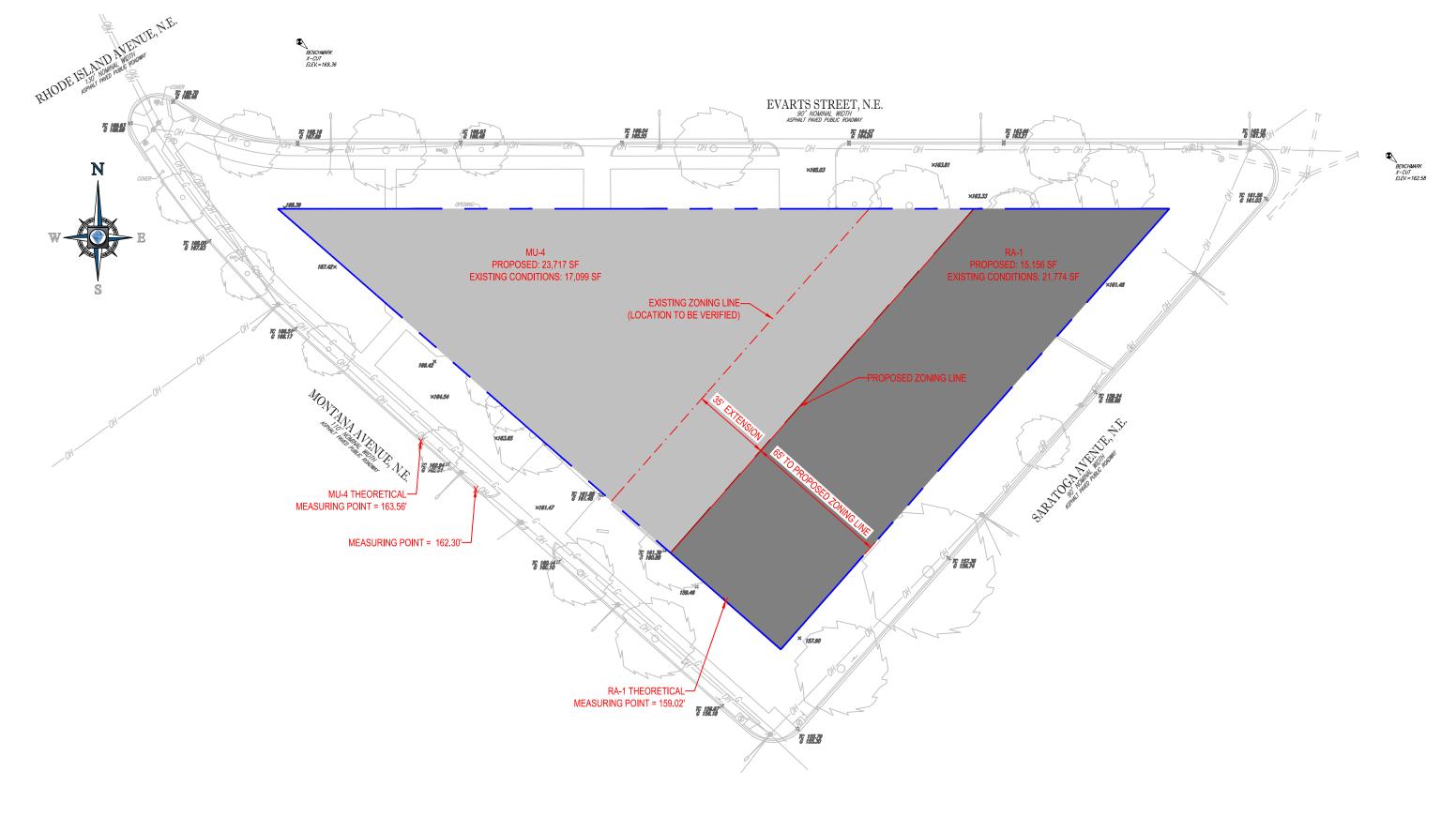
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A01

1" = 100'-0"

Open Court Calculation



1"= 40'
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1400 Montana Avenue NE MCF 1400 Montana, LLC 1/15/2019

Floor	Height	FAR	Dwell. Units	Gross Bldg Area
	ft.	s.f.		s.f.
Penthouse Roof				
Penthouse	11.17	8,660	10	8,781
4	11.17	15,897	21	16,613
3	11.17	15,897	21	16,613
2	10.67	15,897	21	16,613
1	10.67	15,897	19	16,613
1st Fl Upper to BHMP	3.75			
Totals	47.43	63,588	92	75,233

Site Area	23,717 sf
Allowable FAR	3.00 w/ IZ
Allowable SF	71,151
Proposed FAR	2.68
Allowable Penthouse FAR	0.40
Proposed Penthouse FAR	0.37
Required GAR	0.30
Allowable Lot Occupancy	75% w/ IZ
Proposed Lot Occupancy	67%

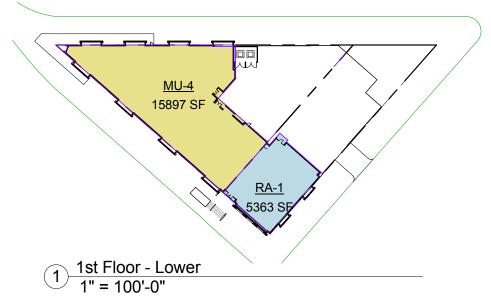
Areas are approximate, preliminary and subject to change.
3.5 ft of parapet included in building height
Penthouse height not included in building height

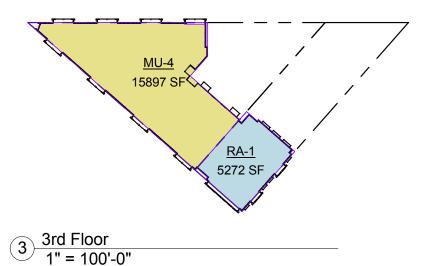
Floor	Height	FAR	Dwell. Units	Gross Bldg Area
	ft.	s.f.		s.f.
Roof		928		928
3	11.17	5,272	6	5,571
2	10.67	5,272	6	5,571
1	14.17	5,363	2	5,571
1st Fl Lower to BHMP	3.75	Î		
Totals	39.76	15,907	14	17,641

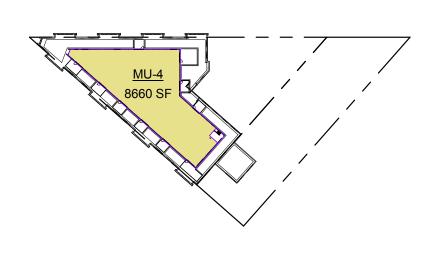
Site Area	15,156 sf
Allowable FAR	1.08 w/ IZ
Allowable SF	16,368
Proposed FAR	1.05
Required GAR	0.40
Allowable Lot Occupancy	40%
Proposed Lot Occupancy	35%

Areas are approximate, preliminary and subject to change.

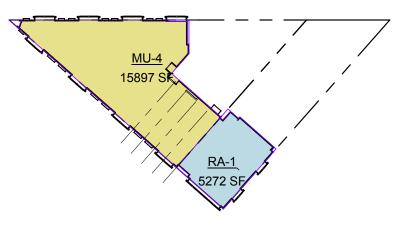
Height measured to top of roof structure excluding parapet. Penthouse height not included.

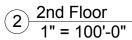


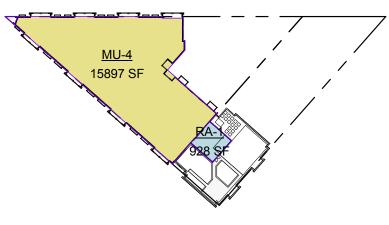






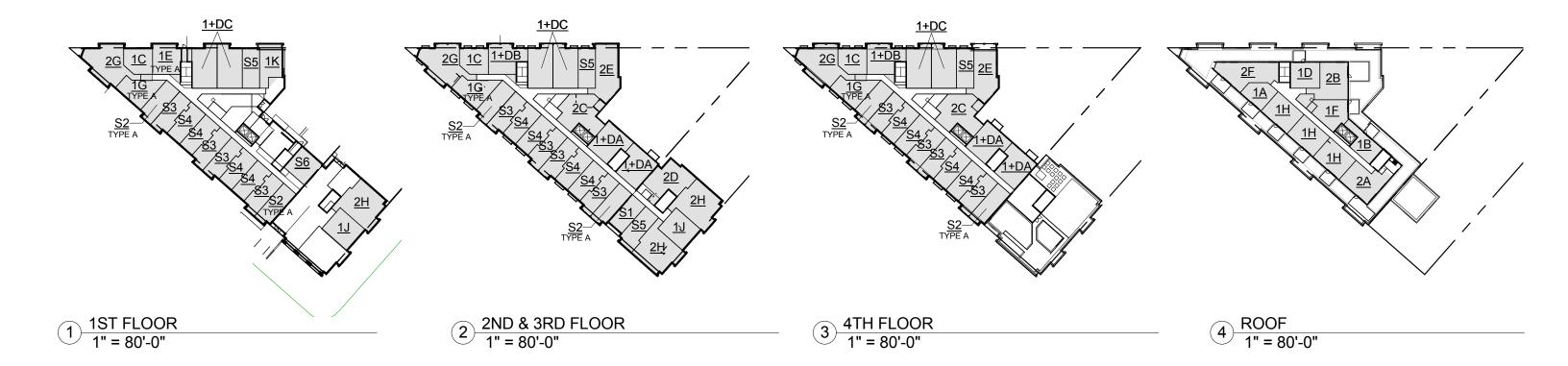








1400 Montana Ave NE



#### Unit Tabulation

Unit Tabulat	ion			Tel V																															
Floor	Height	Total Bldg FAR	Amenity	Service	Total Bldg Gross	Eff.	Res. Net		Unit Type and Size (avg nsf) - Note: Bays now included in Net Areas													8000													
	ft.	s.f.	g.s.f.	g.s.f.	s.f.		s.f.	JUNIOR 1 B	1 BD / STUDIO 1 BD 1 BD								1 BD + DEN		2 BD																
								S1	52	S3	54	S5	56	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1+DA	1+DB	1+DC	2A	2B	2C	2D	2E	2F	2G	2H	
								484	560	540	540	544	580	480	520	529	595	632	640	645	686	695	696	750	739	793	890	897	991	996	999	1018	1100	1122	Total
									TYPE A											TYPE A									TYPE A						Total
Penthouse		8,660		0	8,781	81%	7,099							1	1		1		1		3					e e	1	1				1			10
4	11.33	15,897			16,613	85%	14,070		2	4	4	1			100	1				1				2	1	2			1		1	1	1		21
3	10.67	21,169			22,184	86%	19,032	1	2	4	4	2				1				1		1		2	1	2	l .		1	1	1		1	2	27
2	10.67	21,169			22,184	86%	19,032	1	2	4	4	2				1				1		1		2	1	2	l .		1	1	1		1	2	27
1	10.67	21,260	2,906	1,664	22,184	61%	13,567	30000	2	4	4	1	1	l		1		1		1		1	1	201	10000	2	l .		400.00	58,907	50		1	1	21
				10																															—
T								2	8	16	16	6	1	1	1	4	1	1	1	4	3	3	1	6	3	8	1	1	3	2	3	1	4	5	106
Totals (see note 7)	43.34	88,155			91,946	79%	72,800	967	4,482	8,633	8,639	3,264	580	480	520	2,116	595	632	640	2,578	2,059	2,086	696	4,497	2,216	6,345	890	897	2,974	1,991	2,996	1,018	4,401	5,608	72,800
Total / Type													49										20			17								20	106
Avg Size /																																			
Type (nsf)													542										620			768	s							1,039	687
% of Total													46%	19%							19%			16%								19%			
H/C Type A								$\overline{}$																											
Units Req'd								l																1			l								
(15%) H/C Type A													7.4										3.0			2.6	-							3.0	15.9
Units								l																											I
Provided								I					8										4	(TBD)		3	I							3	18

<sup>1.</sup> Calculations are preliminary, approximate and subject to chan

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<sup>2.</sup> Residential net floor area for dwelling units taken from centerline of demising partitions to corridor face of corridor partition to exterior face of stud at exterior wall

<sup>3.</sup> Residential NET areas for each unit type are averages per ty



1400 Montana Ave NE

A05A

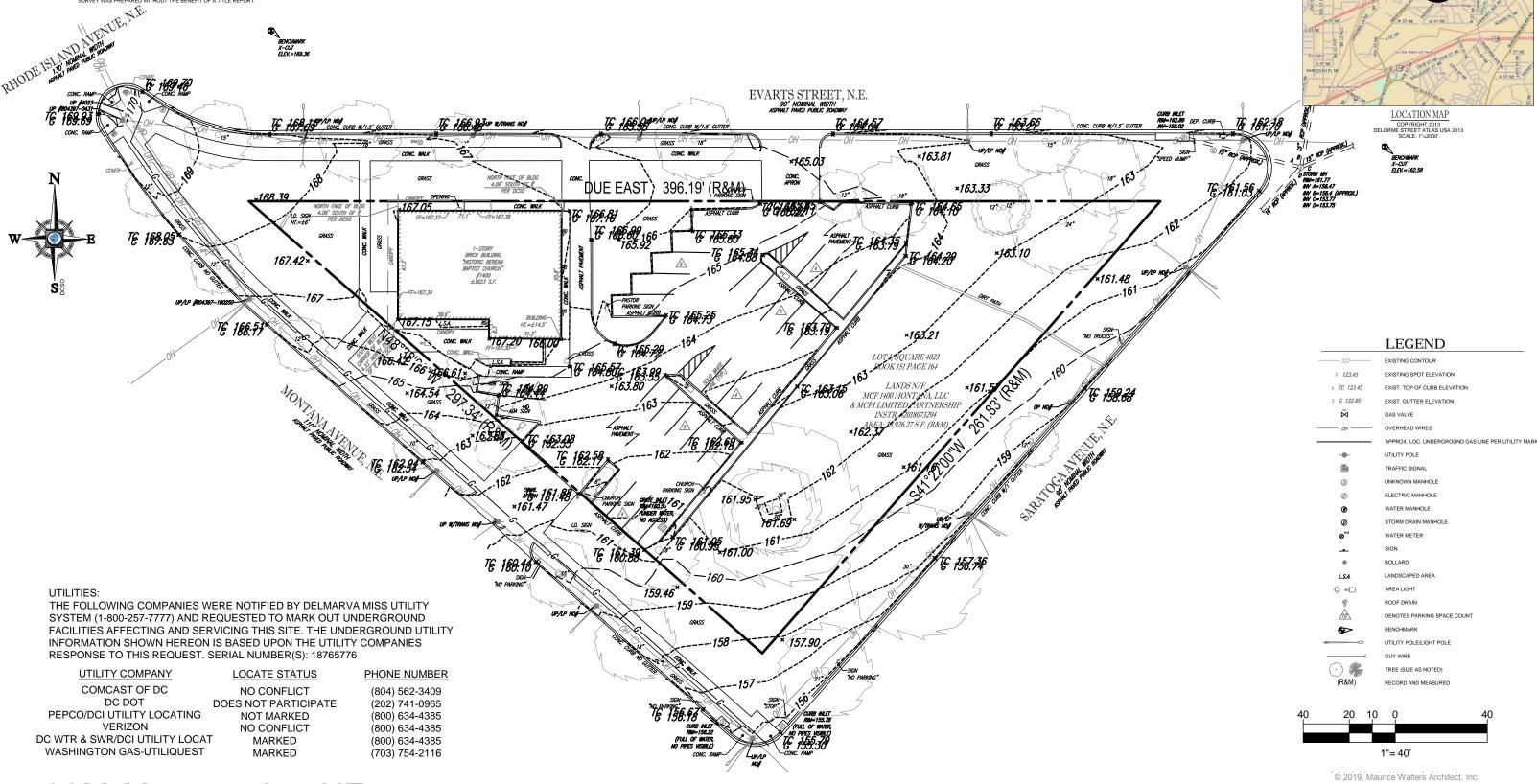
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PROPERTY IS LOT 1 SQUARE 4023 RECORDED IN BOOK 151 PAGE 164 AMONG THE OFFICE OF THE SURVEYOR FO EXPERIENCE OF COLUMBIA AND BEING THE LANDS OF MCF 1400 MONTANA, LLC AND MCFI LIMITED PARTNERSHIP AS ECORDED IN INSTRUMENT NO. 2018073294, RECORDED AMONG THE OFFICE OF THE RECORDED OF DEEDS FOR THE

- MARKINGS HAS BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES
- THIS SURVEY WAS PERFORMED IN THE FIELD ON NOVEMBER 7, 2018 UTILIZING THE REFERENCE DOCUMENTS AS LISTED HEREON AND DEPICTS BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS.

ITH THE ACTUAL MEASURED DIMENSIONS. ALL PROPERTY LINES IN THE DISTRICT OF COLUMBIA ARE SUBJECT TO EVIEW AND APPROVAL BY THE OFFICE OF THE SURVEYOR, DISTRICT OF COLUMBIA. A "SURVEY TO MARK" PREPARE REQUIRED TO ESTABLISH A FINAL BOUNDARY DETERMINATION AND CONFIGURATION FOR THIS PROPERTY. THIS SURVEY DOES NOT REFLECT A "SURVEY TO MARK". THE PROPERTY LINE REFLECTED ON THIS SURVEY IS NOT TO BE USED FOR



1400 Montana Ave NE

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15 JANUARY 2019

A05B



RENDERING VIEW FROM INTERSECTION OF MONTANA AVE & SARATOGA AVE NE

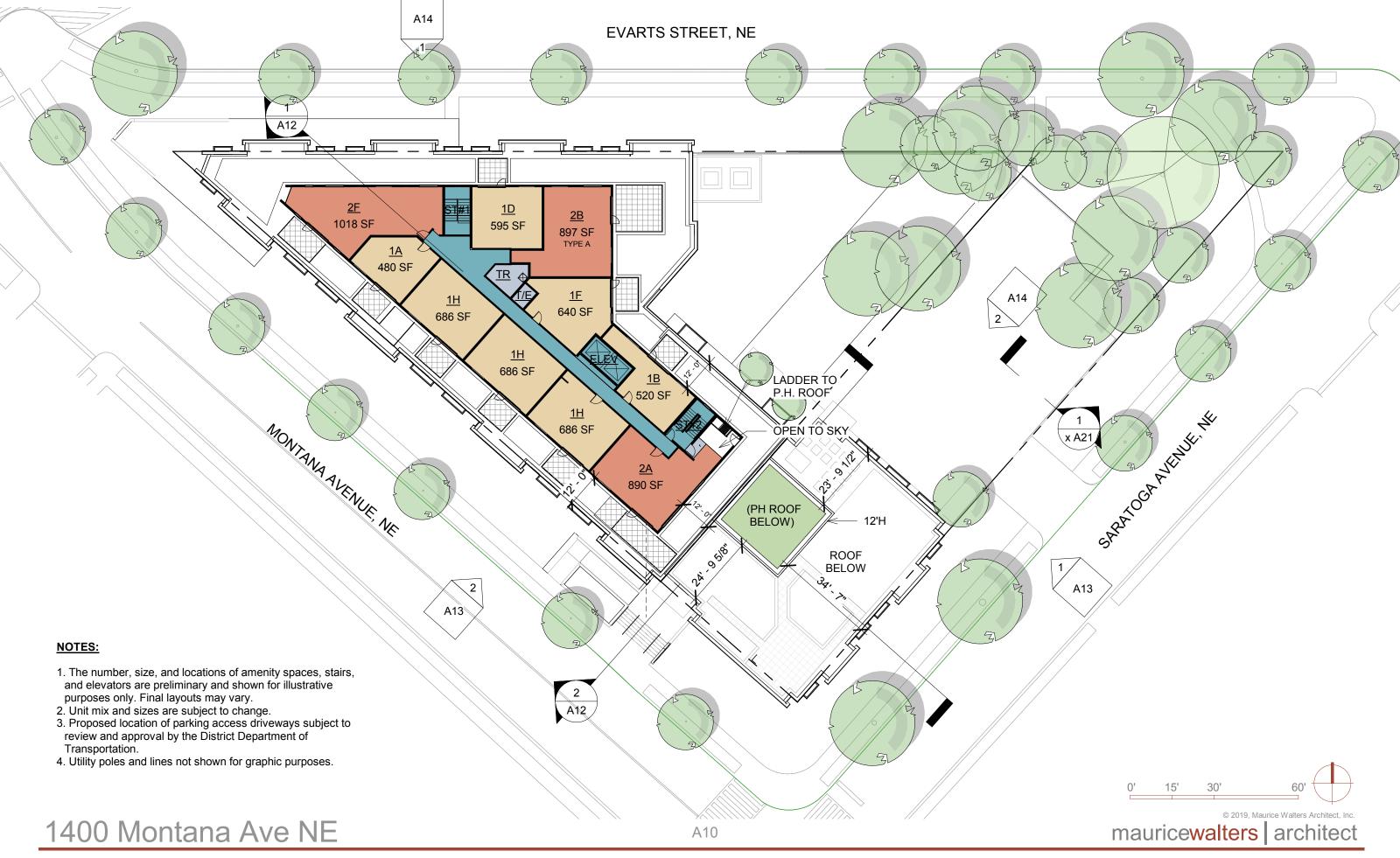
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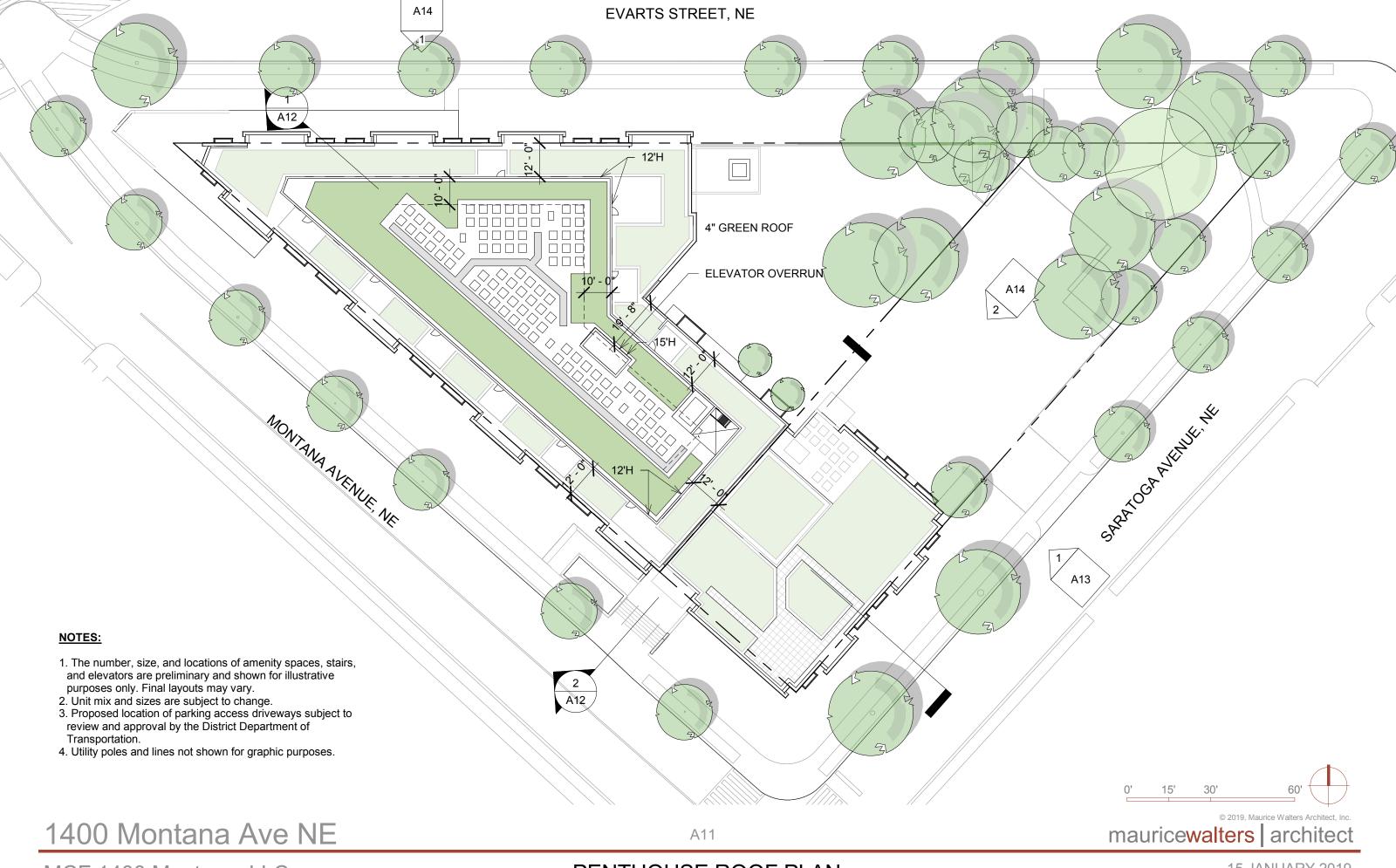
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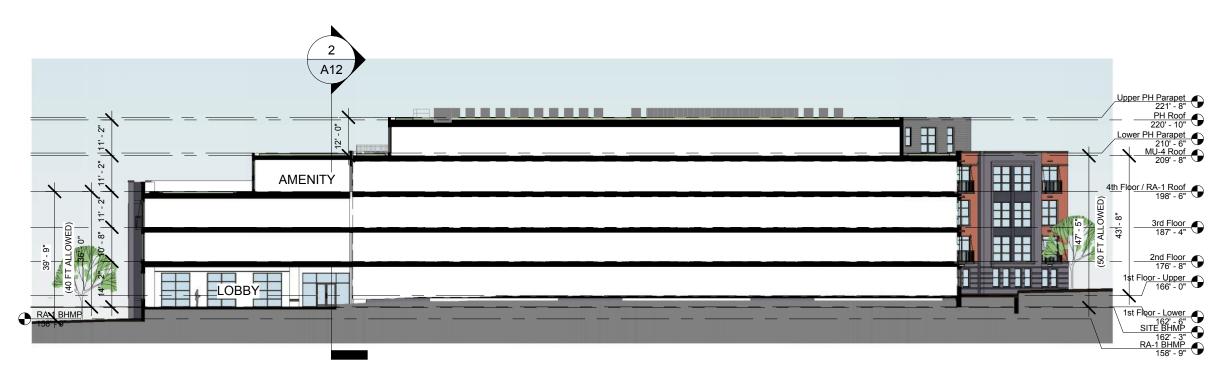




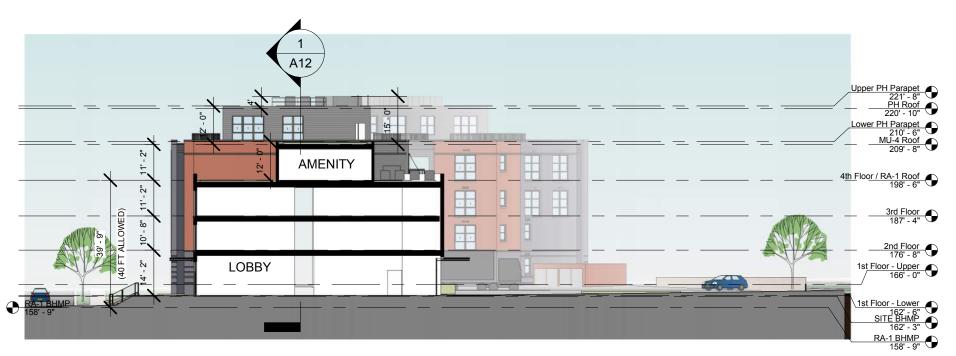








1 SECTION - N-S CORRIDOR 1" = 30'-0"



2 SECTION - E-W THROUGH LOBBY 1" = 30'-0"

MONTANA ANTANA SERVICE SERVICE

1400 Montana Ave NE

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A12



SOUTHEAST ELEVATION (SARATOGA ST

1 NE) 1" = 30'-0"



Note: The Applicant seeks the flexibility to make minor refinements to window, door, balcony, bay and other architectural elements to coordinate with final design of service space and residential amenity and dwelling unit space, that do not significantly alter the exterior design.

1400 Montana Ave NE

A13

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MCF 1400 Montana, LLC ELEVATIONS



NORTH ELEVATION (EVARTS ST. NE)
1" = 30'-0"



2 EAST ELEVATION (EVARTS ST. NE) 1" = 30'-0"

Note: The Applicant seeks the flexibility to make minor refinements to window, door, balcony, bay and other architectural elements to coordinate with final design of service space and residential amenity and dwelling unit space, that do not significantly alter the exterior design.

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**ELEVATIONS** 

