BUILDING ANALYSIS OF: 3456-3480 DUNBAR ST. & 3591 W 19TH AVE, VANCOUVER

ZONE: C-2

LOT 7: 011-776-480 PID: LOT 8: 011-776-498

LEGAL DESCRIPTION: LOT 4, PLAN 4174, AND STRATA PLAN VR174, ALL OF BLOCK 28, DISTRICT LOT 139, NEW WESTMINSTER DISTRICT

13,205 SQ.FT. SITE SIZE:

FSR: MAX. ABOVE GROUND LEVEL ALLOWABLE 13,205 X 1.75 = 23,108 SQ. FT. 23,075 SQ. FT. (F.S.R.=1.75)

ABOVE GROUND LEVEL PROPOSED

GROUND LEVEL & BELOW ALLOWABLE 13,205 X (2.5-1.75) = 9,904 SQ. FT. GROUND LEVEL & BELOW PROPOSED 9,710 SQ. FT. (F.S.R.=0.74)

5,586 SQ.FT. COMMERCIAL:

RESIDENTIAL: 4,124SQ.FT.

AMENITY: 1,519 SQ.FT. (EXCLUDED FROM F.S.R.)

PROPOSED LOT 1, CURRENTLY OF LOTS 7 AND 8, BOTH OF

MAX. AMENITY EXCLUSION 13,205 X 2.5 X 0.1 = 3,301 SQ. FT.

AMENITY PROPOSED 1,519 SQ. FT.

MAX. TOTAL ALLOWABLE 13,205 X 2.5 = 33,012 SQ. FT. TOTAL PROPOSED 32,785 SQ. FT. (F.S.R.=2.48)

HEIGHT: UP TO 55.12' AT REAR MAX. ALLOWABLE HEIGHT 45.28' (13.8M) 47.28'

PROPOSED FRONT YARD: MAX. ALLOWABLE 2.00' (0.6M)

2.00' PROPOSED **REAR YARD:** MIN. REQUIRED 2.00' (0.6M)

PROPOSED 12.00' **SIDE YARD:** MIN. REQUIRED 2.00' (0.6M)

PROPOSED 2.16'

OPEN BALCONIES: MAX. ALLOWABLE 13,205 X 2.5 X 8% = 2,641 SQ. FT.

> PROPOSED 771 SQ. FT. (2.3%)

PARKING:

1) 4.2.1.13 A MINIMUM OF 0.5 SPACE FOR EVERY DWELLING UNIT THAT HAS RESIDENTIAL:

LESS THAN 50 SQ. M OF GROSS FLOOR AREA, AND, FOR EVERY DWELLING UNIT THAT HAS 50 SQ. M OR MORE OF GROSS FLOOR AREA, AT LEAST 0.6 SPACE FOR EVERY DWELLING UNIT PLUS ONE SPACE FOR EACH 200 SQ. M OF GROSS FLOOR AREA, EXCEPT THAT, FOR EVERY DWELLING UNIT WHICH HAS A GROSS FLOOR AREA OF 180 SQ. M OR GREATER, THERE NEED BE NO MORE THAN 1.5 SPACES FOR

REQUIRED 0.5 X 2 + [0.6 X 26 + 1,874/200] = 25.97 (26)

PROVIDED 30

EVERY DWELLING UNIT.

COMMERCIAL:

1) 4.2.5.1 A MINIMUM OF ONE SPACE FOR EACH 100 SQ.M OF GROSS FLOOR AREA UP TO 300 SQUARE METRES, AND ONE ADDITIONAL SPACE FOR EACH

ADDITIONAL 50 SQUARE METRES OF GROSS FLOOR AREA.

REQUIRED 3 + [(4,799-3,229)/538] = 5.9 (6)

PROVIDED 7

TOTAL: REQUIRED 32

PROVIDED 37

HANDICAPPED PARKING REQUIRED $1 + (28-1) \times 0.034 = 1.92$ (2)

PROVIDED 2

HANDICAPPED PARKING STALL PROVIDED 2 18' 1/2 (L) X 13' 1 1/2" (W)

REGULAR PARKING STALL PROVIDED

18' 1/2 (L) X 8' 2 1/2" (W) SMALL PARKING STALL PROVIDED

15' 1 (L) X 7' 6 1/2" (W)

BICYCLE:

1) 6.2.1.2 CLASS A A MINIMUM OF 1.25 SPACES FOR EVERY RESIDENTIAL: DWELLING UNIT

CLASS B A MINIMUM OF 6 SPACES FOR ANY DEVELOPMENT CONTAINING A MINIMUM OF 20 DWELLING UNITS.

CLASS A

REQUIRED 1.25 X 28 = 35

PROVIDED 36 CLASS B REQUIRED 6 PROVIDED 6

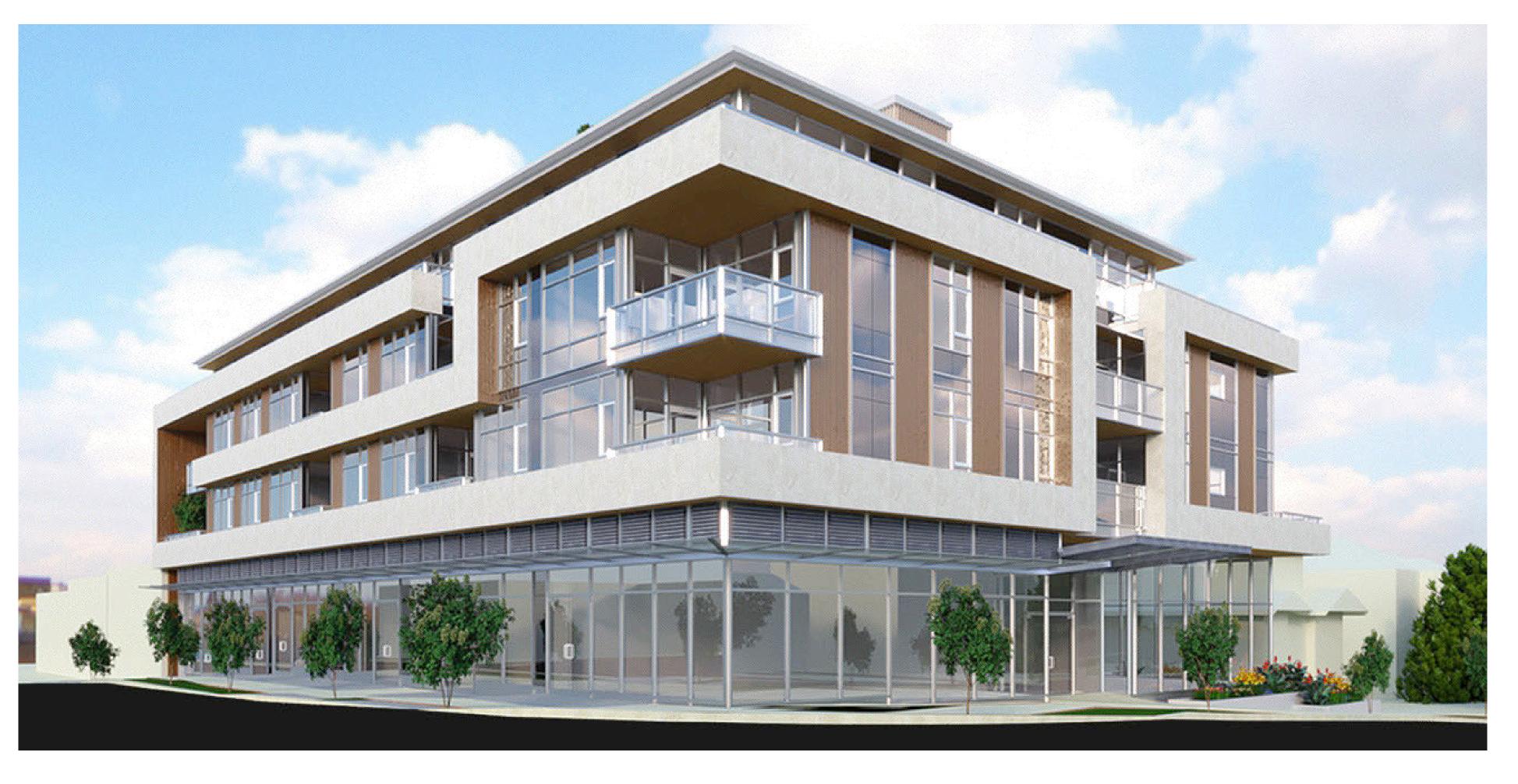
1) 6.2.5 CLASS A A MINIMUM OF 1 SPACE FOR EACH 500 SQUARE COMMERCIAL: METRES OF GROSS FLOOR AREA

> CLASS B A MINIMUM OF 6 SPACES FOR ANY DEVELOPMENT CONTAINING A MINIMUM OF 1,000 SQUARE METRES OF

GROSS FLOOR AREA

CLASS A REQUIRED 0 PROVIDED 0 CLASS B

REQUIRED 0 PROVIDED 0



UNITS SYNOPSIS

RESIDENTIAL

UNIT TYPE	NO. BED	AREA (SF)	STORAGE	NET AREA SF		NUMBER O	F UNITS		TOTAL UNITS
					1ST FLOOR	2ND FLOOR	3RD FLOOR	4TH FLOOR	
UNIT A	2	928	40	888	2				2
UNIT A1	2	959	40	919	1				1
UNIT B	2	857	40	817		1	1		2
UNIT C	2	907	40	867		2	2		4
UNIT C1	2	906	40	866		1	1		2
UNIT C2	2	873	40	833		1	1		2
UNIT D	2	790	40	750		1	1		2
UNIT E	2	980	40	940		1	1		2
UNIT F	2	821	25	796		1	1		2
UNIT G	1	503	40	463		1	1		2
UNIT H	2	801	40	761				1	1
UNIT H1	2	781	40	741				1	1
UNIT H2	2	775	40	735				1	1
UNIT I	1	656	40	616				1	1
UNIT J	3	1147	40	1107				1	1
UNIT J1	3	1244	40	1204				1	1
UNIT K	1	699	25	674				1	1
TOTAL		24006	1075	22931	3	9	9	7	28

COMMERCIAL

JNIT TYPE	AREA (SF)	TOTAL UNITS
CRU #1	881	1
CRU #2	728	1
CRU #3	735	1
CRU #4	847	1
CRU #5	825	1
CRU #6	685	1
TOTAL	4701	6

GFA CALCULATION

UNIT TYPE	NET UNIT AREA (SF)	CORRIDOR AREA (SF)	GFA (SF)	
GROUND FLOOR (RES.)	2695	1542	4237 (F.S.R. = 0.32)	
2ND FLOOR (RES.)	7196	950	8146	
3RD FLOOR (RES.)	7196	950	8146	
4TH FLOOR (RES.)	5837	946	6783	
TOTAL (RES.)	22924	4388	27312	
GROUND FLOOR (COM.)	4701	575	5276 (F.S.R. = 0.40)	
TOTAL FSR			32588 (F.S.R. = 2.47)	

DRAWING LIST

DP 1.1 PROJECT DATA

DP 1.2 CONTEXT PLAN & STREETSCAPE

DP 1.3 **MASSING VIEW**

DP 1.4 COLORED ELEVATIONS

DP 1.5 SITE PLAN

DP 2.1 PARKING PLAN P2

DP 2.2 PARKING PLAN P1

DP 2.3 GROUND FLOOR PLAN

DP 2.4 SECOND FLOOR PLAN

DP 2.5 THIRD FLOOR PLAN

DP 2.6 FOURTH FLOOR PLAN

DP 2.7 **ROOF PLAN**

DP 3.1 **ELEVATIONS**

DP 3.2 **ELEVATIONS**

DP 4.1 SECTIONS

OPEN BALCONIES CALCULATION

	AREA (SF)
GROUND FLOOR	0
2ND FLOOR	72
3RD FLOOR	699
4TH FLOOR	0
TOTAL	771
ALLOWED	
13,205X2.5X8%	2641
PROVIDED	771

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> **ANDREW CHEUNG** ARCHITECTS INC.

consultants

suite 410 1639 west 2nd avenue vancouver, b.c. v6j 1h3

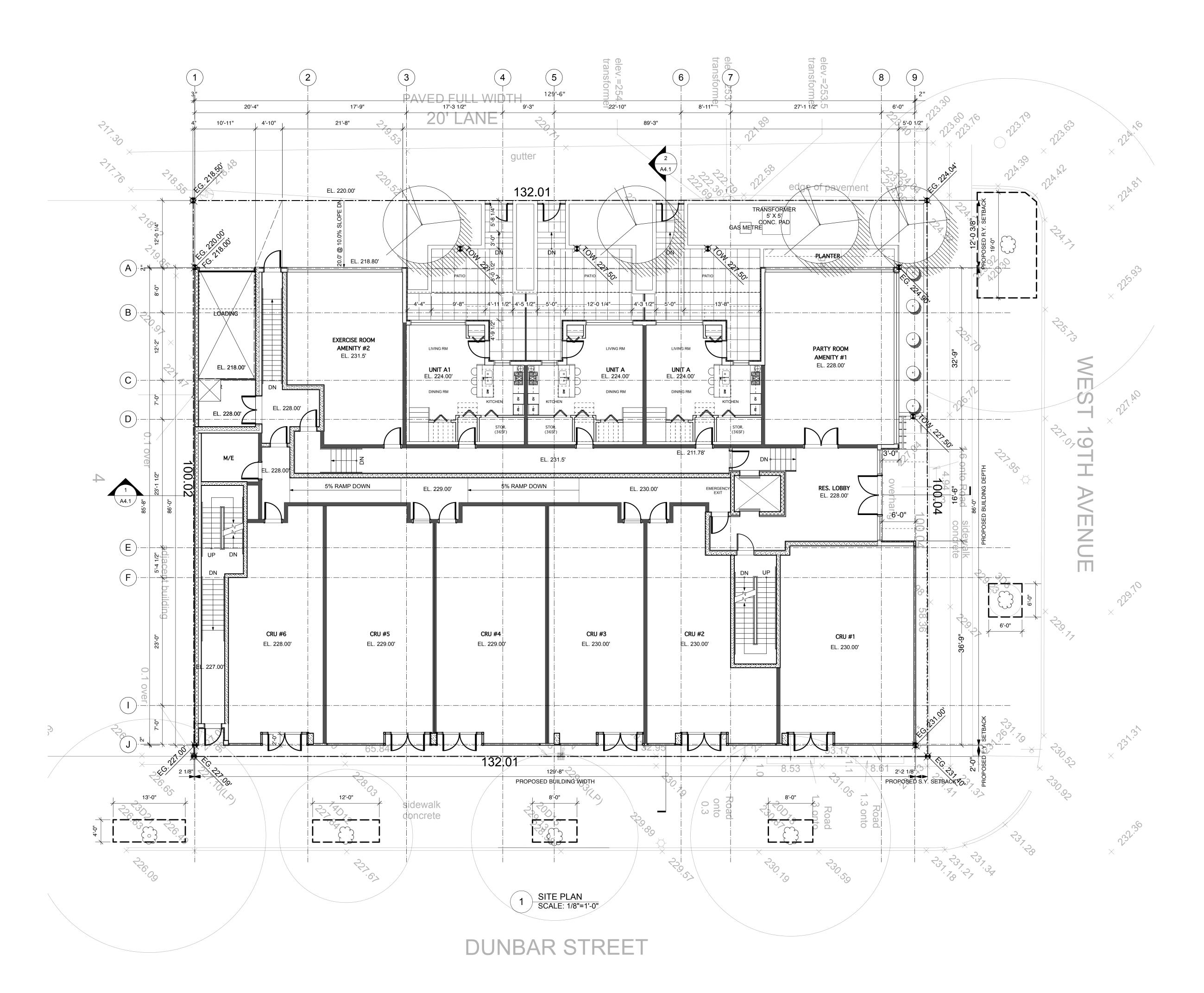
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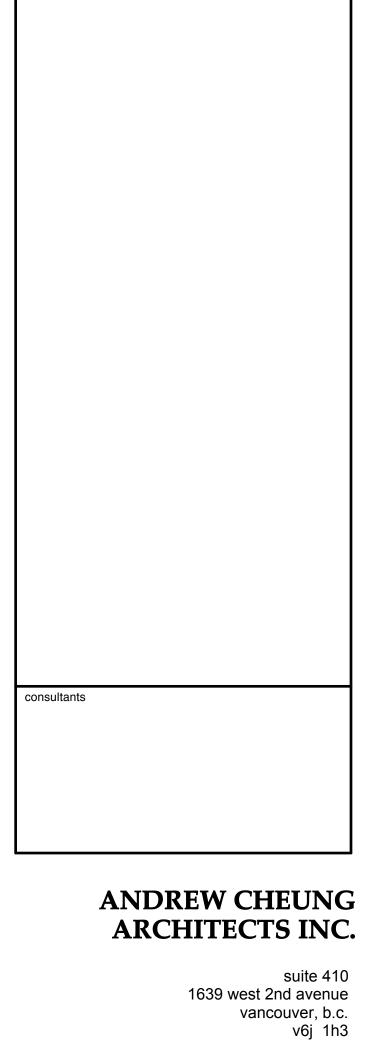
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Appendix C: Page 1 of 16





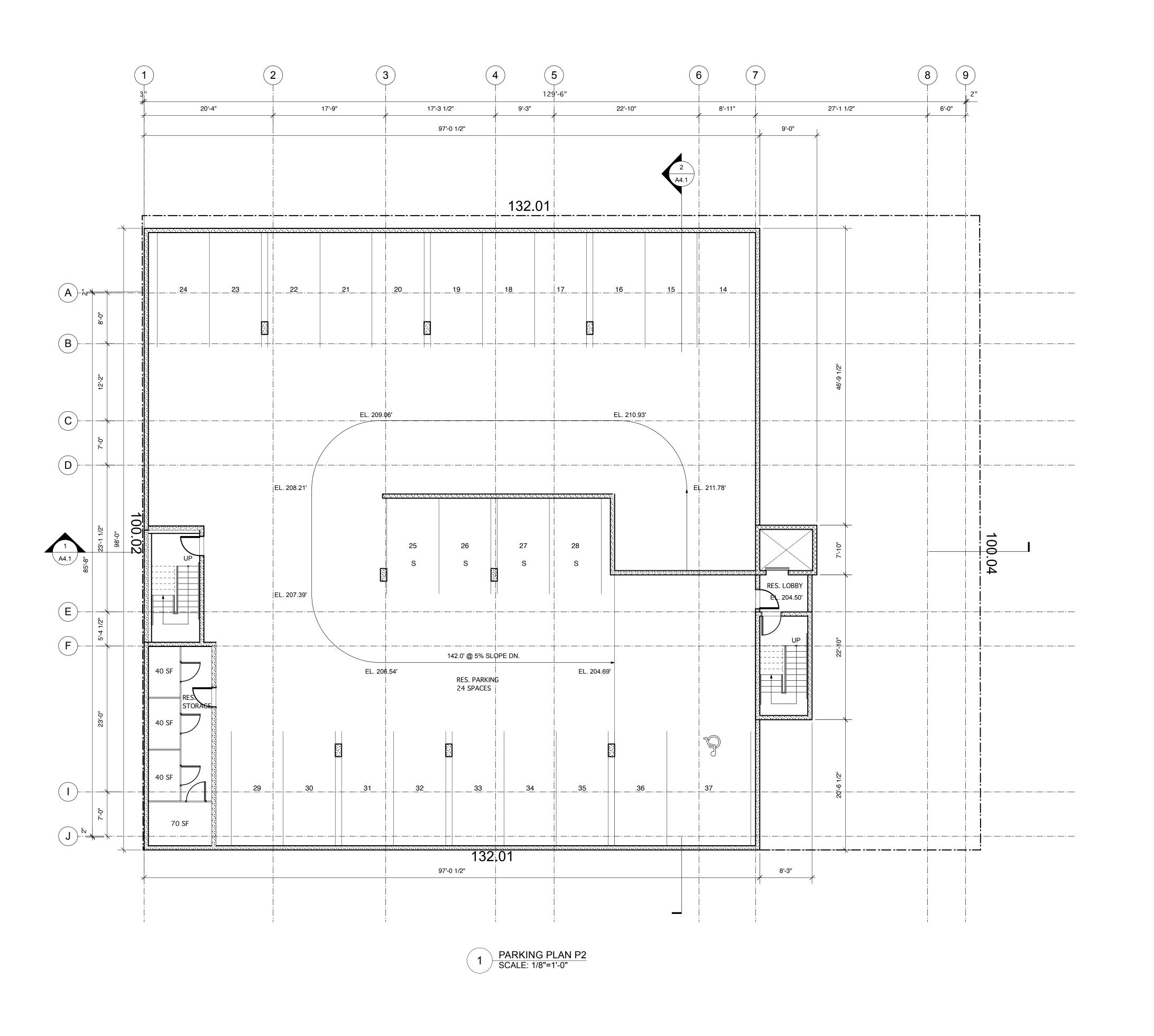


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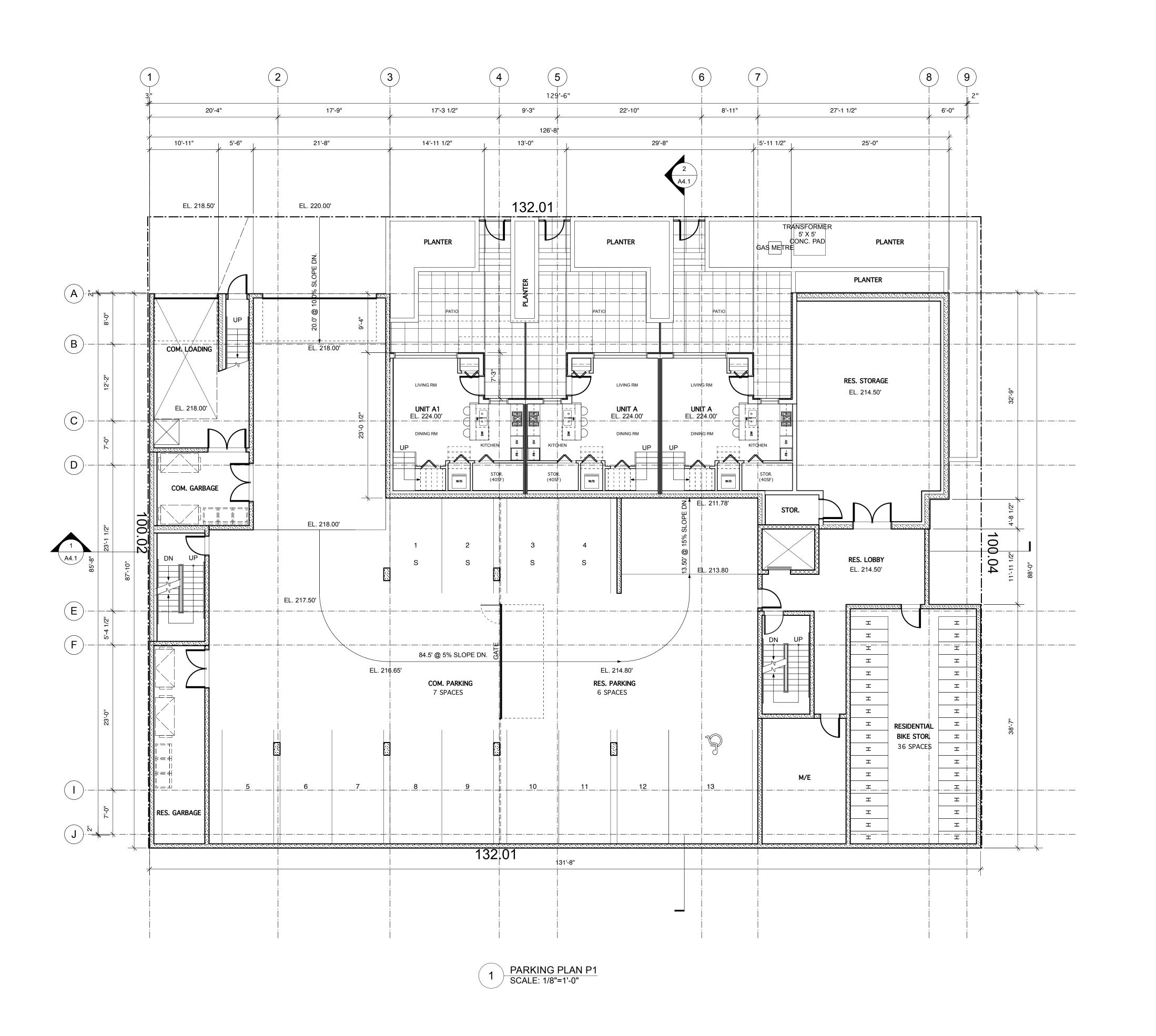
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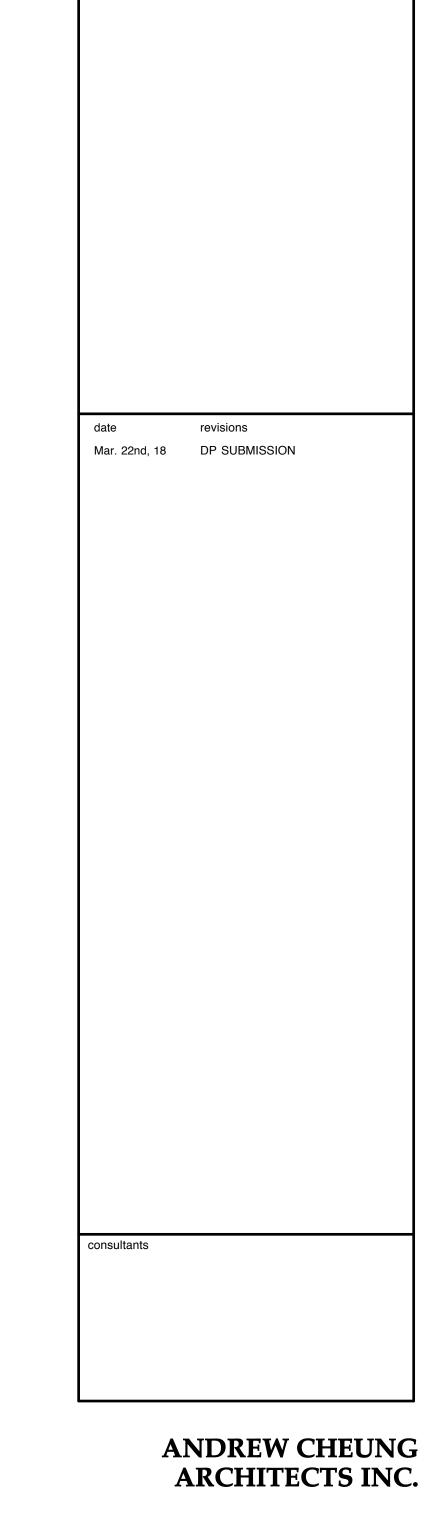
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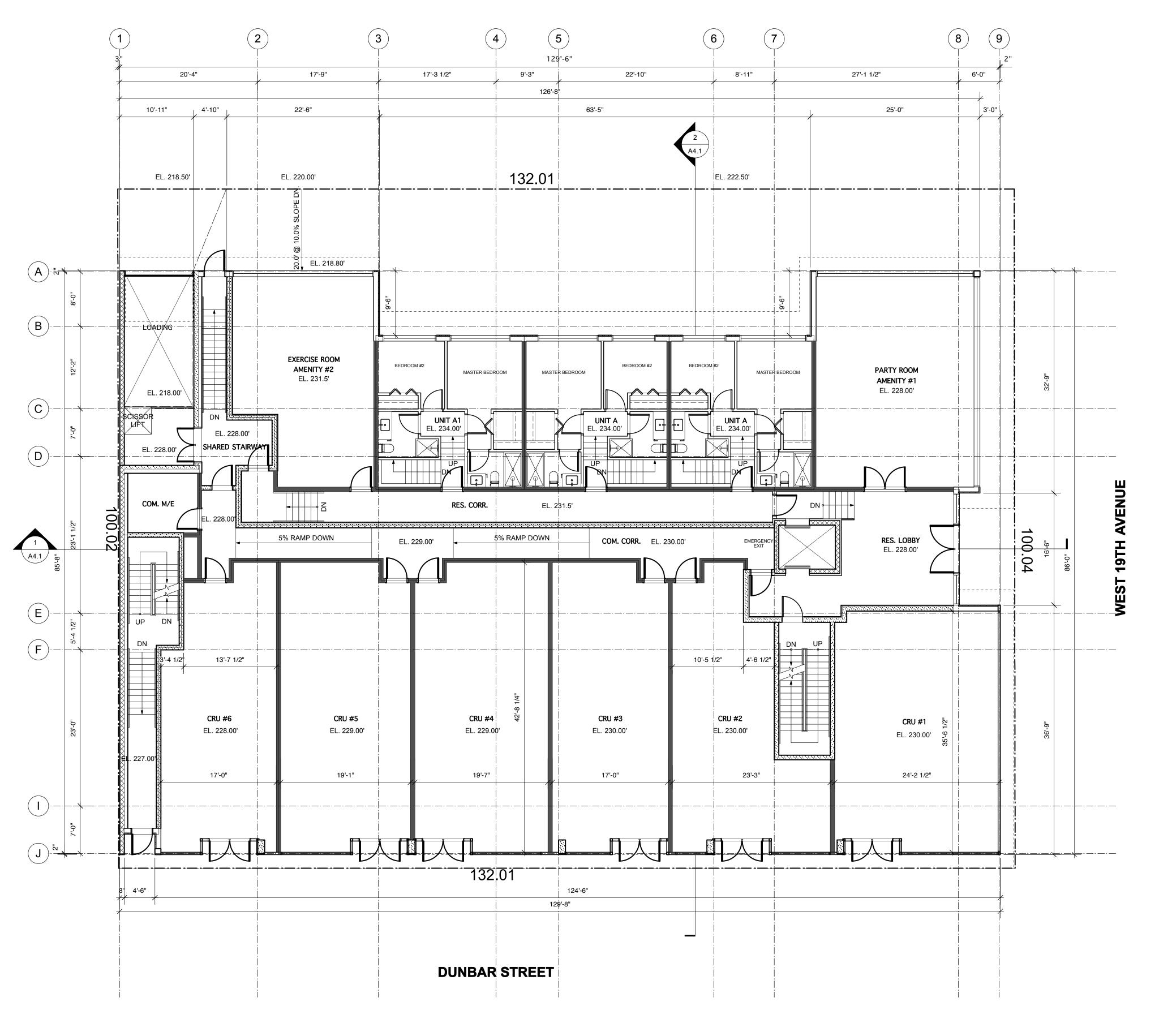




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project 3591 WEST 19TH AVE. VANCOUVER			
PARKING PLAN P1			
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1 GROUND FLOOR PLAN SCALE: 1/8"=1'-0"

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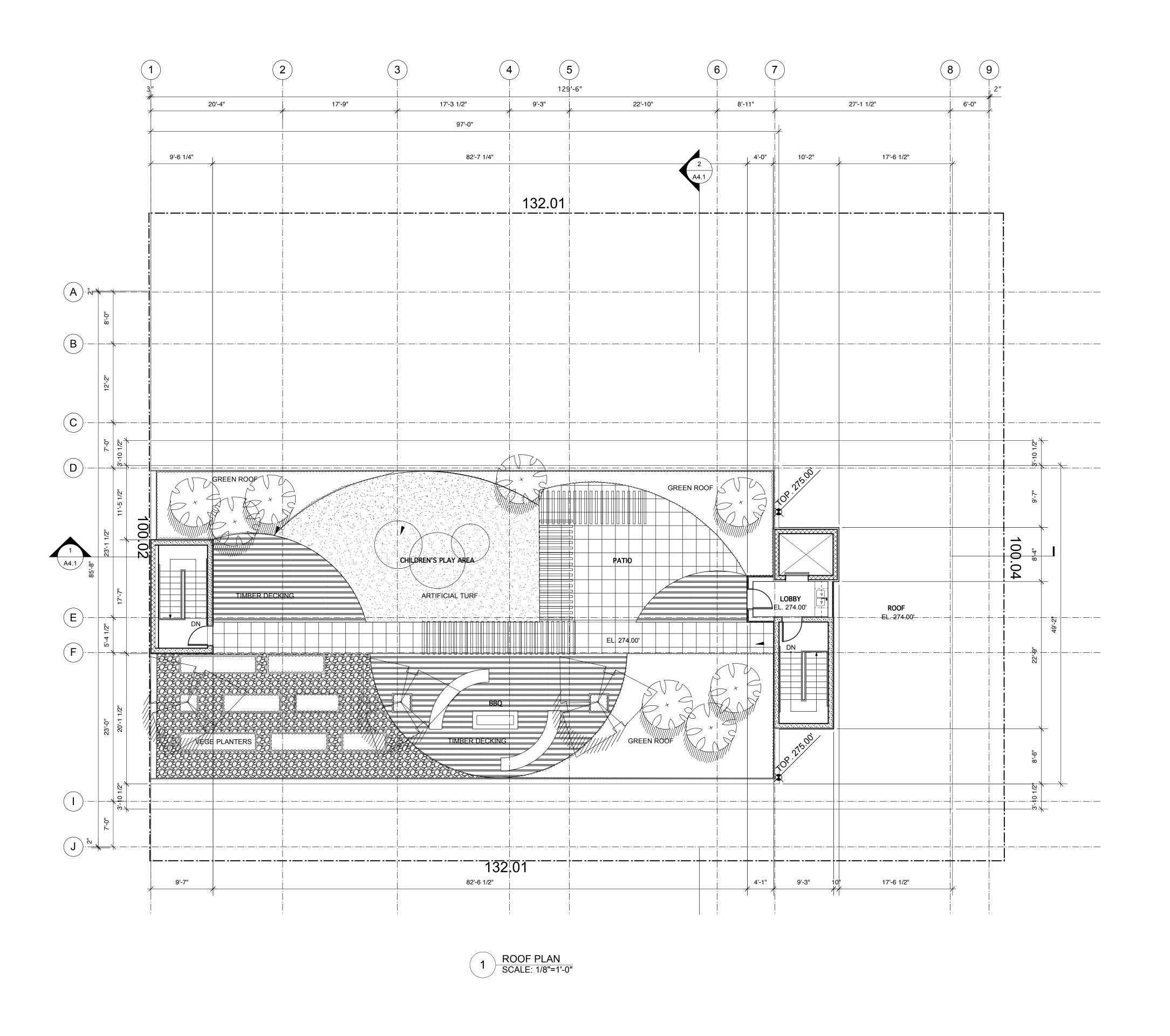
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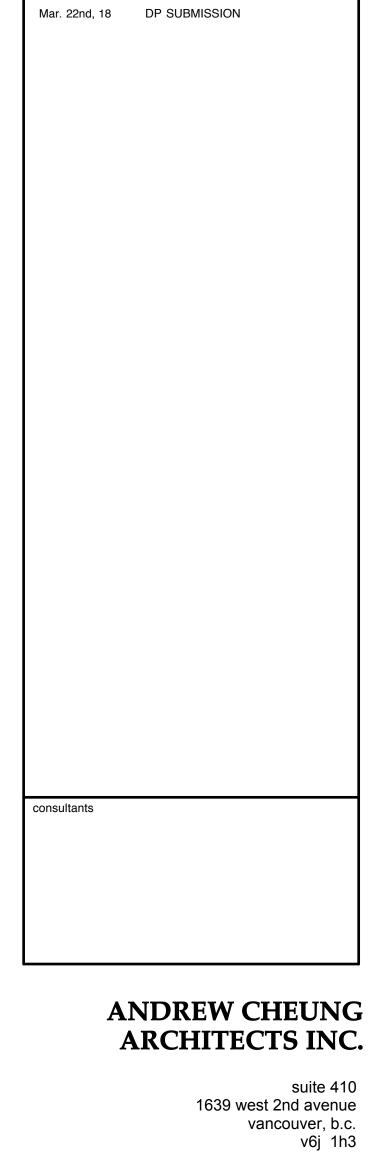
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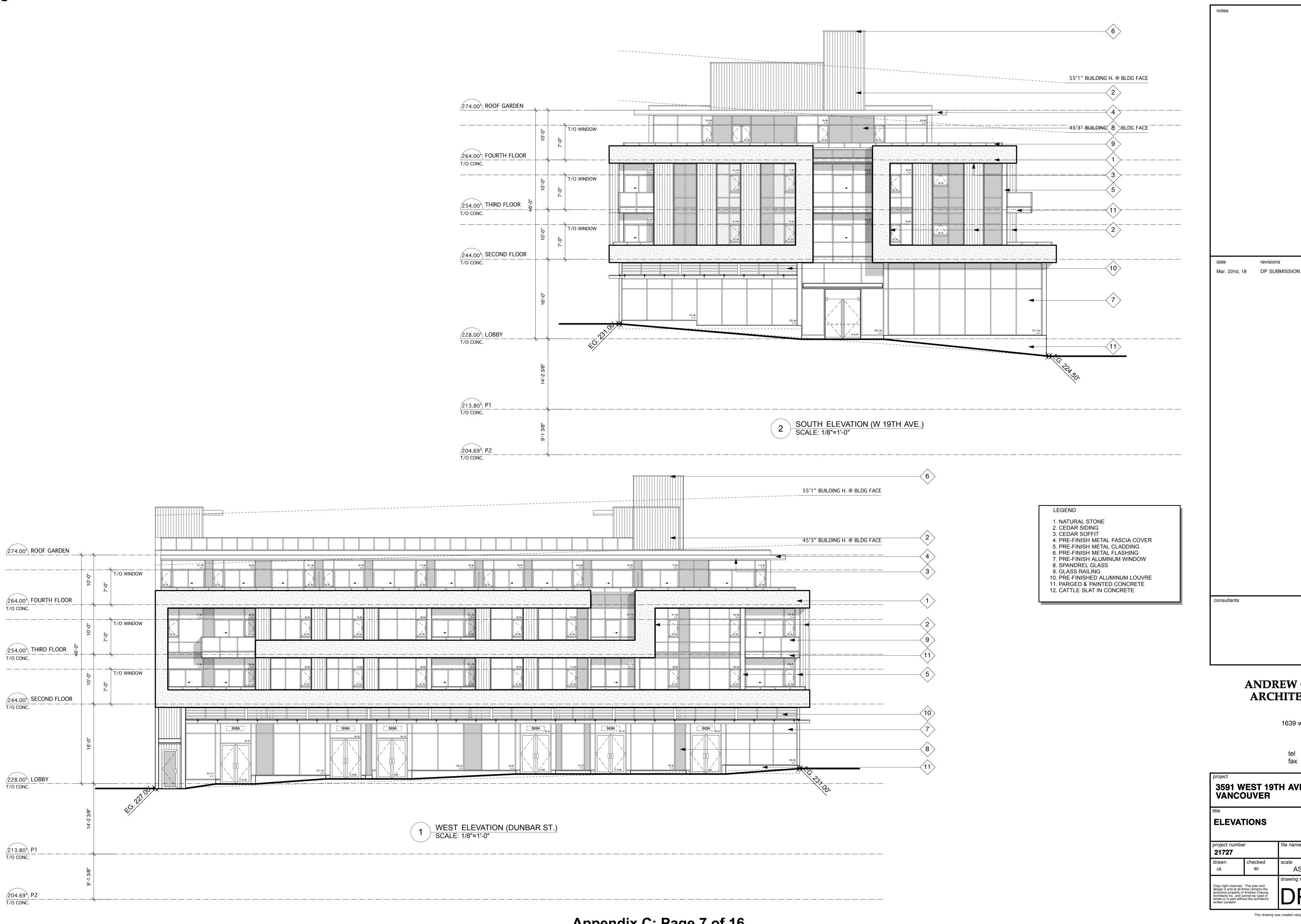






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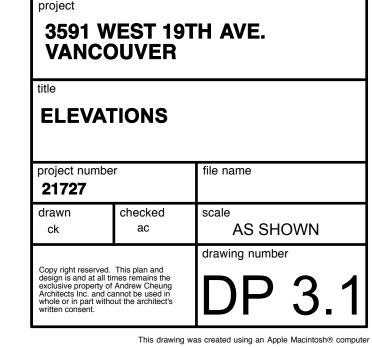
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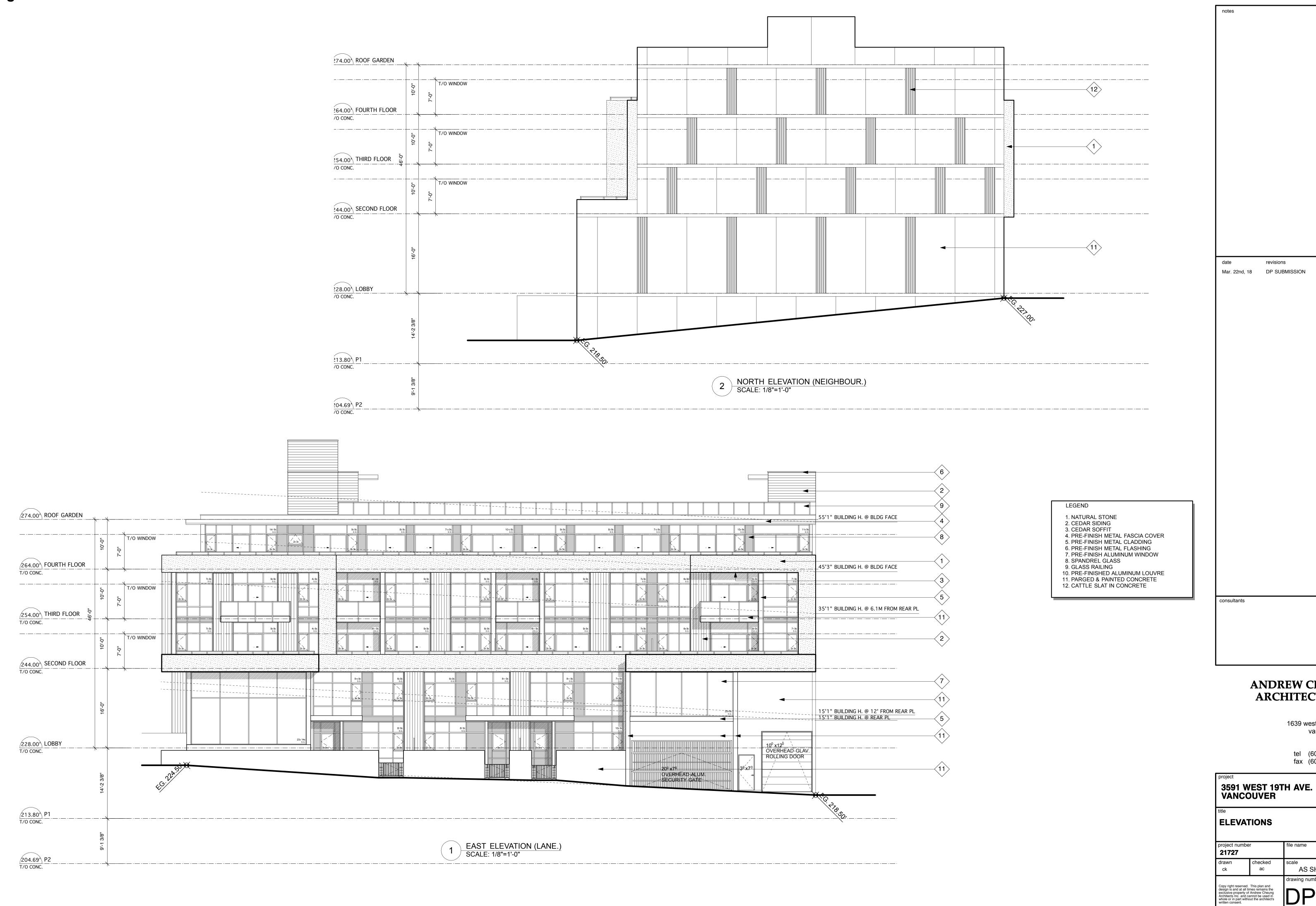


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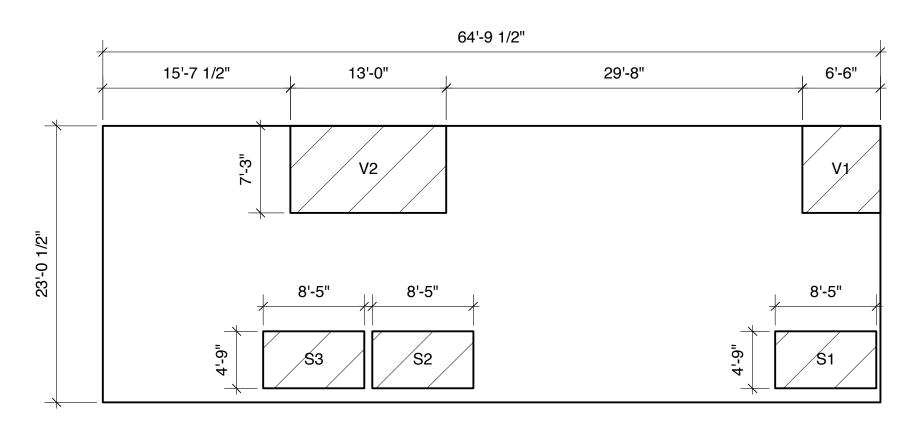
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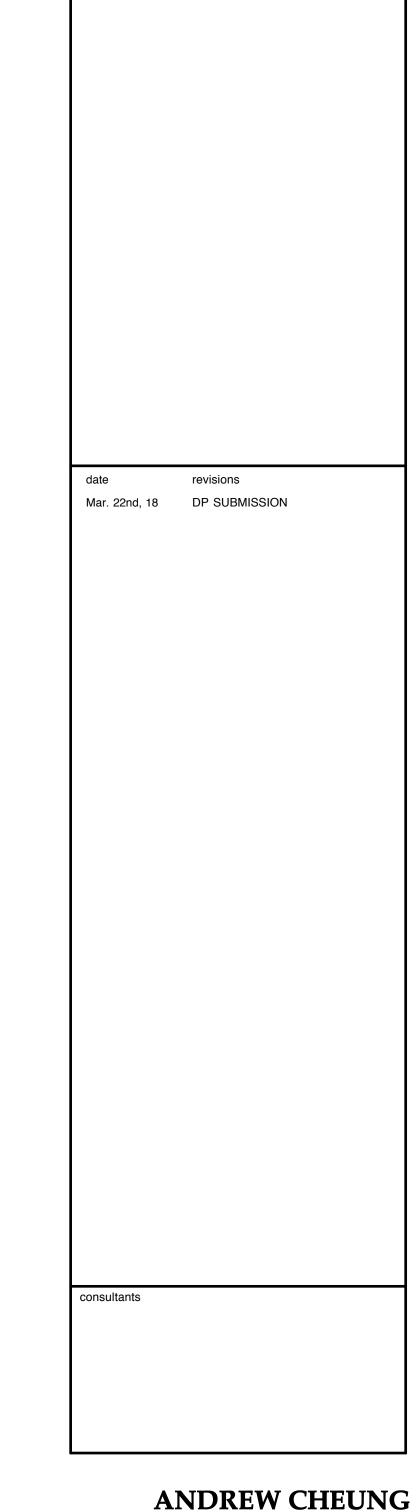
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1 P1 FLOOR AREA OVERLAY SCALE: 1/8"=1'-0"

GOUND FLOOR RESIDENTIAL AREA - 2 GROSS PERIMETER AREA 6 AREA DEDUCTIONS V1 V2 13 S1 S2 S3 SUBTOTAL TOTAL RES. AREA - 2

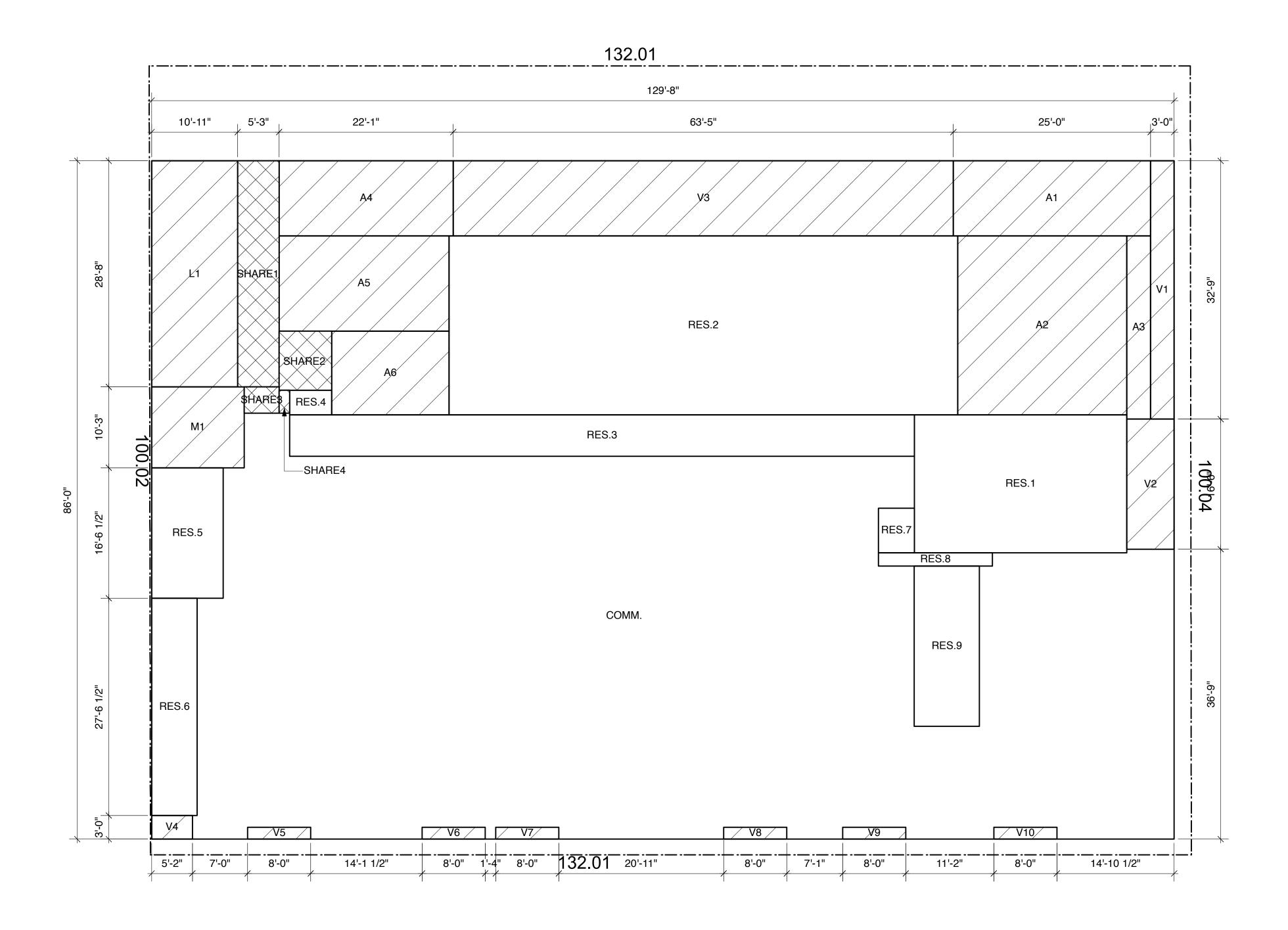


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1 GROUND FLOOR AREA OVERLAY SCALE: 1/8"=1'-0"

GOUND FLOOR			
GROSS PERIMETER AREA		129.67' x 86.00'	= 11,151 SQ FT.
AREA DEDUCTIONS	V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 L1 M1 A1 A2 A3 A4 A5	3.00' x 32.75' 6.00' x 16.50' 65.42' x 9.50' 5.16' x 3.00' 8.00' x 1.50' 8.00' x 1.50' 8.00' x 1.50' 8.00' x 1.50' 8.00' x 1.50' 8.00' x 1.50' 10.92' x 28.67' 11.75' x 10.25' 25.00' x 9.50' 21.46' x 22.71' 3.00' x 23.25' 22.08' x 9.50' 21.54' x 12.08'	 98 SQ FT. 99 SQ FT. 603 SQ FT. 16 SQ FT. 12 SQ FT. 2 SQ FT. 12 SQ FT. 12 SQ FT. 313 SQ FT. 238 SQ FT. 487 SQ FT. 70 SQ FT. 210 SQ FT. 260 SQ FT.
SUBTOTAL	<u>A6</u>	14.88' x 10.63'	= 158 SQ FT. 2,745 SQ.FT.
SUBTOTAL	RES.1 RES.2 RES.3 RES.4 RES.5 RES.6 RES.7 RES.8 RES.9	26.94' x 17.50' 64.50' x 22.71' 79.23' x 5.25' 5.33' x 3.13' 9.08' x 16.54' 5.77' x 27.54' 4.56' x 5.67' 14.46' x 1.67' 8.25' x 20.33'	= 471 SQ FT. = 1,465 SQ FT. = 416 SQ FT. = 17 SQ FT. = 150 SQ FT. = 159 SQ FT. = 26 SQ FT. = 24 SQ FT. = 168 SQ FT. 2,896 SQ.FT.
	SHARE1 SHARE2 SHARE3 SHARE4		= 151 SQ.FT. /2 = 50 SQ.FT. /2 = 15 SQ.FT. /2 = 4 SQ.FT. /2
SUBTOTAL			110 SQ.FT.
TOTAL COMM. AREA GROUND FLOOR RESIDENT	IAL AREA -	<u>1</u>	5,400 SQ FT.
	RES.1 RES.2 RES.3 RES.4 RES.5 RES.6	26.94' x 17.50' 64.50' x 22.71' 79.23' x 5.25' 5.33' x 3.13' 9.08' x 16.54' 5.77' x 27.54'	= 1,465 SQ FT. = 416 SQ FT. = 17 SQ FT.

SHARE1 SHARE2

SUBTOAL

SUBTOAL

TOTAL RES. AREA - 1

ADD RES. AREA - 2

TOAL RES. AREA

ADD

5.77' x 27.54' = 159 SQ FT. $4.56' \times 5.67' = 26 SQ FT.$

14.46' x 1.67' = 24 SQ FT. 8.25' x 20.33' = 168 SQ FT. 2,896 SQ.FT.

SHARE3 4.42' x 3.33' = 15 SQ.FT. /2 SHARE4 1.33' x 2.92' = 4 SQ.FT. /2 110 SQ.FT.

5.25' x 28.67' = 151 SQ.FT. /2 6.67' x 7.50' = 50 SQ.FT. /2

3,006 SQ.FT.

1,231 SQ.FT. **4,237 SQ.FT.**

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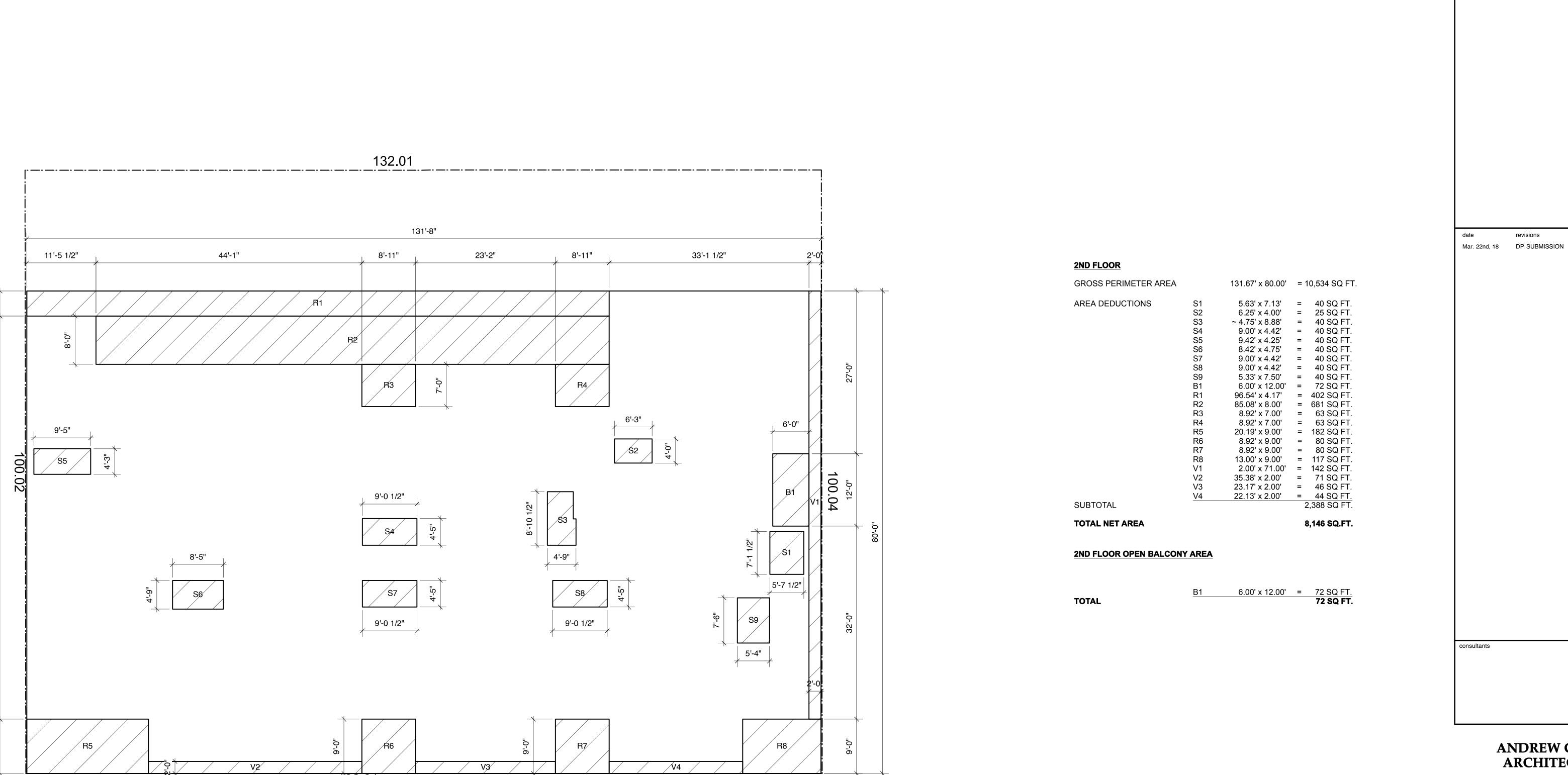
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SECOND FLOOR AREA OVERLAY SCALE: 1/8"=1'-0"

8'-11"

35'-4 1/2"

20'-2"

23'-2"

8'-11"

22'-1 1/2"

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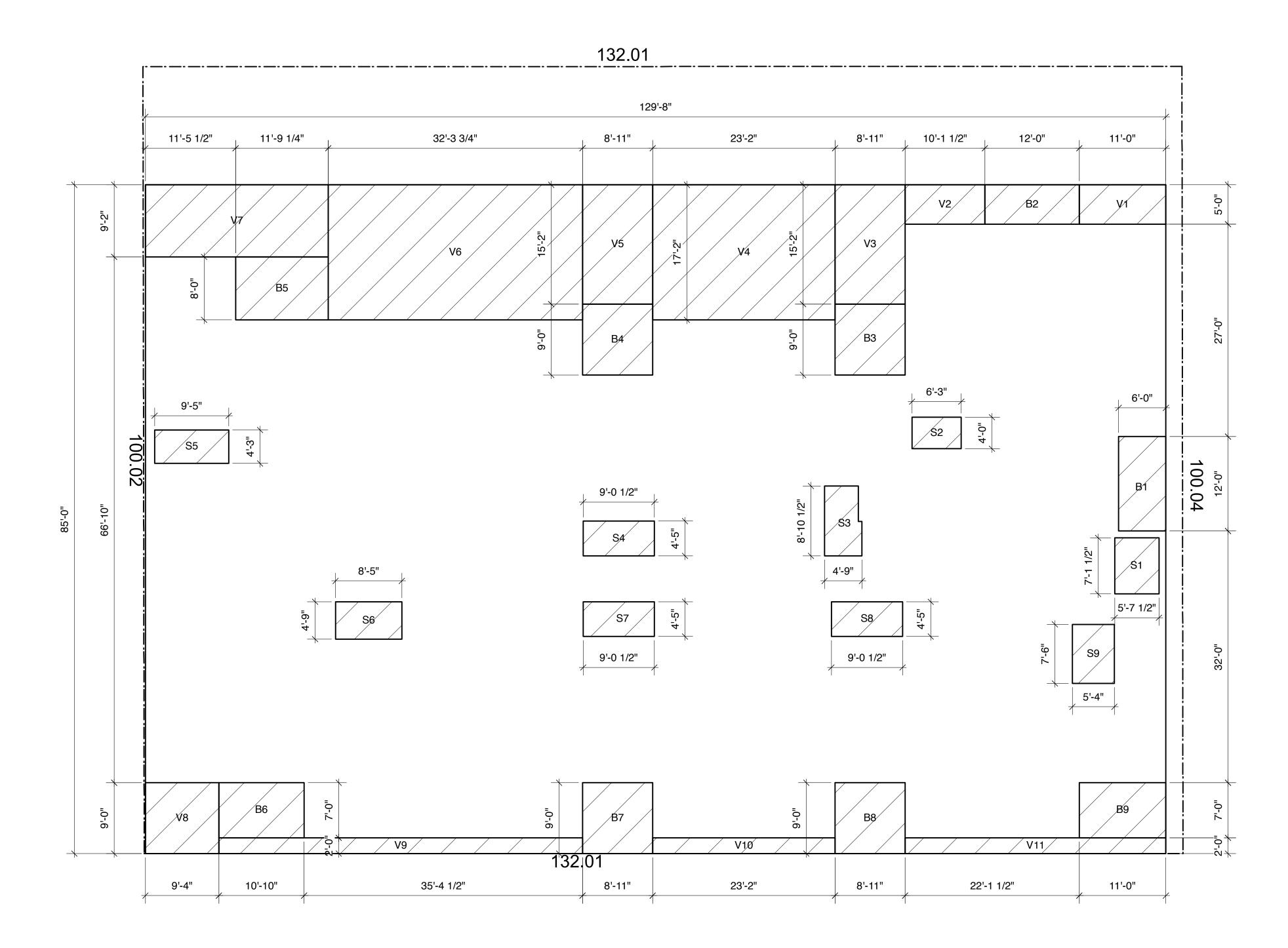
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13'-0"





THIRD FLOOR AREA OVERLAY SCALE: 1/8"=1'-0"

3RD FLOOR GROSS PERIMETER AREA 129.67' x 85.00' = 11,022 SQ FT. AREA DEDUCTIONS $5.63' \times 7.13' = 40 SQ FT.$ $6.25' \times 4.00' = 25 \text{ SQ FT}.$ ~ 4.75' x 8.88' = 40 SQ FT. 9.00' x 4.42' = 40 SQ FT. 9.42' x 4.25' = 40 SQ FT. 8.42' x 4.75' = 40 SQ FT. 9.00' x 4.42' = 40 SQ FT. 9.00' x 4.42' = 40 SQ FT. 5.33' x 7.50' = 40 SQ FT. 6.00' x 12.00' = 72 SQ FT. 12.00' x 5.00' = 60 SQ FT. $8.92' \times 9.00' = 80 \text{ SQ FT}.$ 8.92' x 9.00' = 80 SQ FT. 11.77' x 8.00' = 94 SQ FT. 10.83' x 7.00' = 76 SQ FT. 8.92' x 9.00' = 80 SQ FT. 8.92' x 9.00' = 80 SQ FT. $11.00' \times 7.00' = 77 \text{ SQ FT}.$ $11.00' \times 5.00' = 55 SQ FT.$ $10.13' \times 5.00' = 51 \text{ SQ FT}.$ 8.92' x 15.17' = 135 SQ FT. 8.92' x 15.17' = 135 SQ FT. 23.17' x 17.17' = 398 SQ FT. 8.92' x 15.17' = 135 SQ FT. 32.31' x 17.17' = 555 SQ FT. 23.23' x 9.17' = 213 SQ FT. 9.33' x 9.00' = 84 SQ FT. 46.21' x 2.00' = 93 SQ FT. 23.17' x 2.00' = 46 SQ FT. 33.13' x 2.00' = 67 SQ FT. 2,876 SQ FT. SUBTOTAL

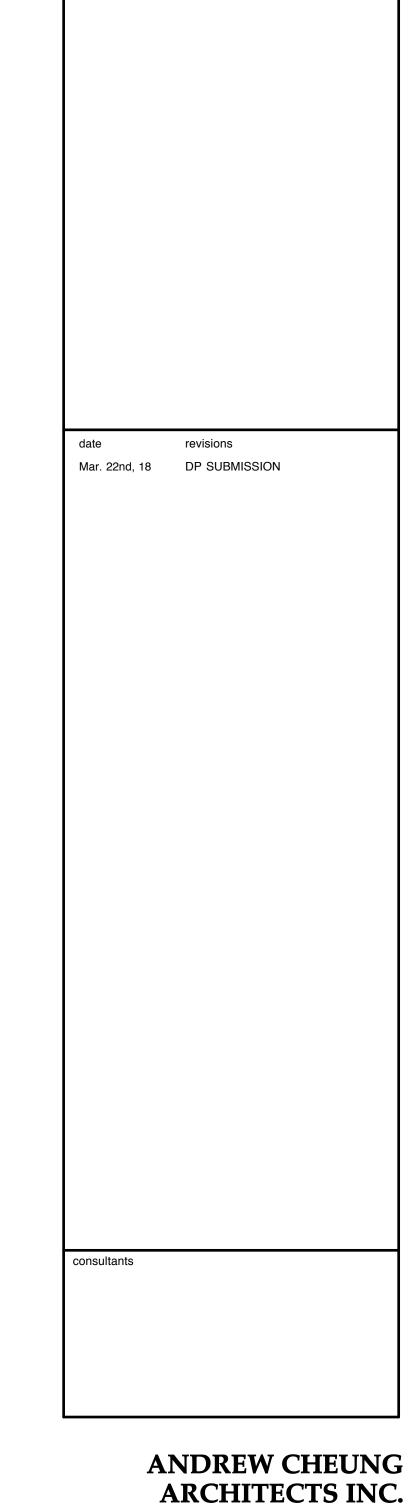
3RD FLOOR OPEN BALCONY AREA

TOTAL NET AREA

TOTAL

B1	6.00' x 12.00'	=	72 SQ FT.
B2	12.00' x 5.00'	=	60 SQ FT.
В3	8.92' x 9.00'	=	80 SQ FT.
B4	8.92' x 9.00'	=	80 SQ FT.
B5	11.77' x 8.00'	=	94 SQ FT.
В6	10.83' x 7.00'	=	76 SQ FT.
B7	8.92' x 9.00'	=	80 SQ FT.
B8	8.92' x 9.00'	=	80 SQ FT.
B9	11.00' x 7.00'	=	77 SQ FT.
			699 SQ FT.

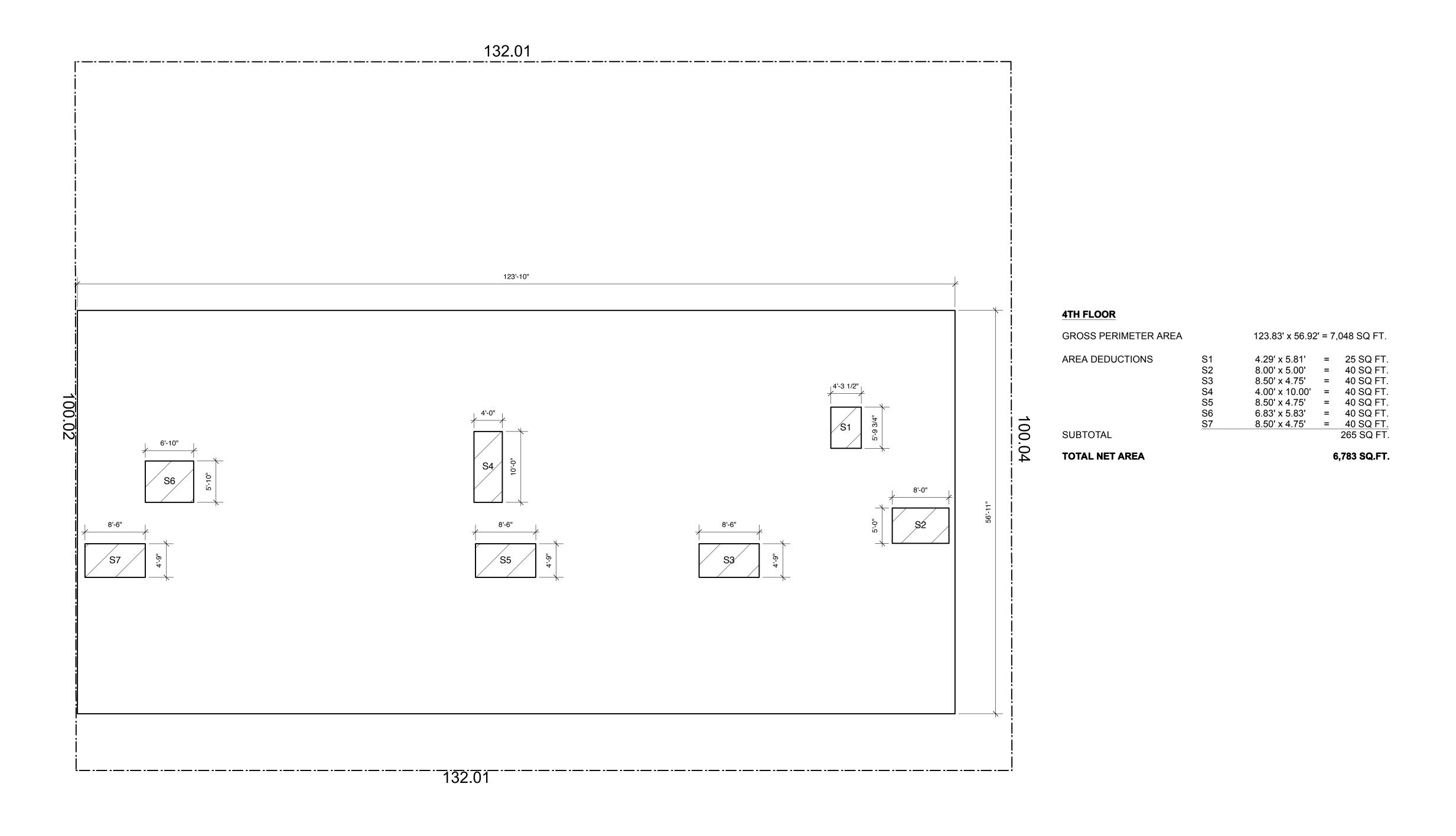
8,146 SQ.FT.



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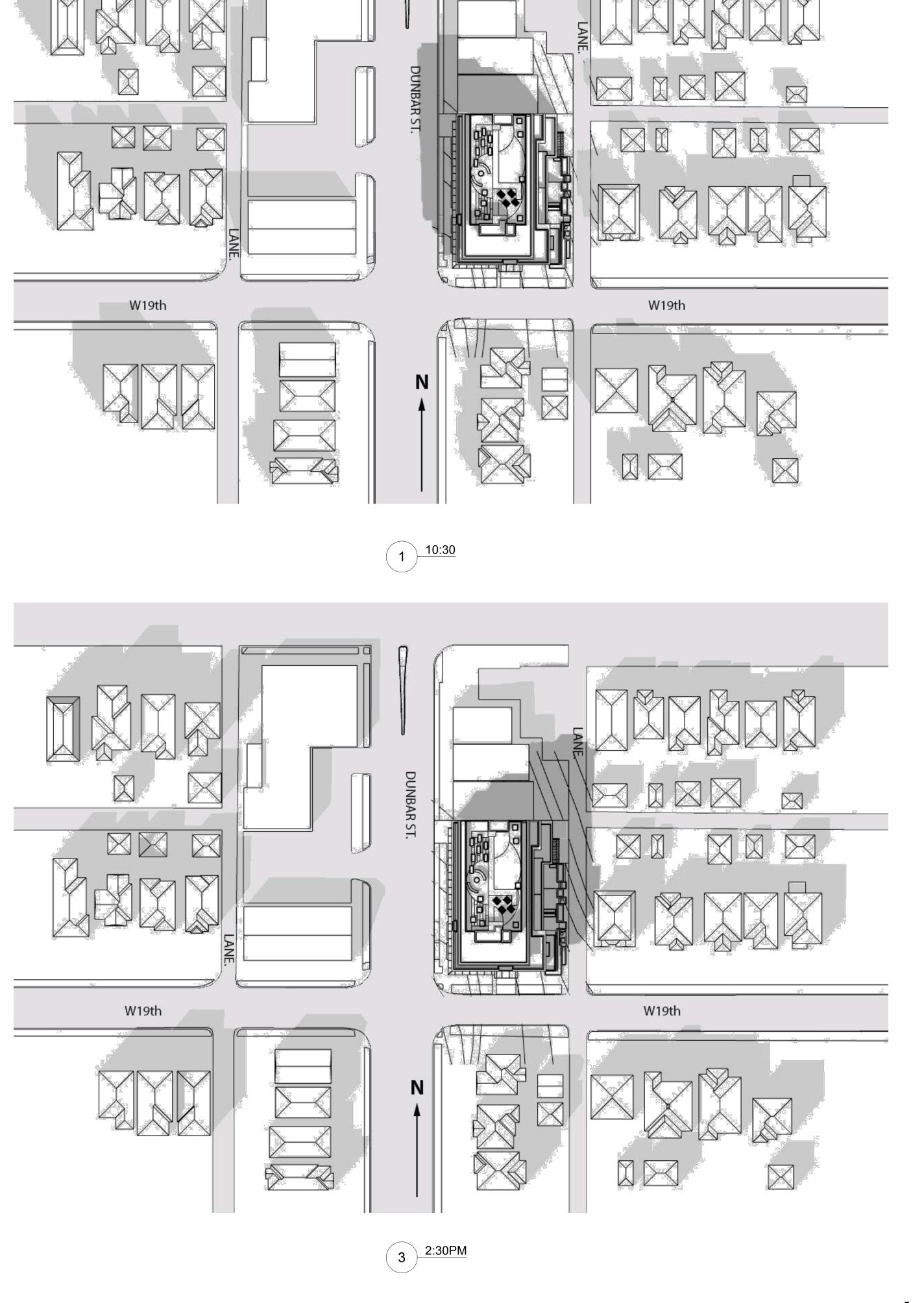
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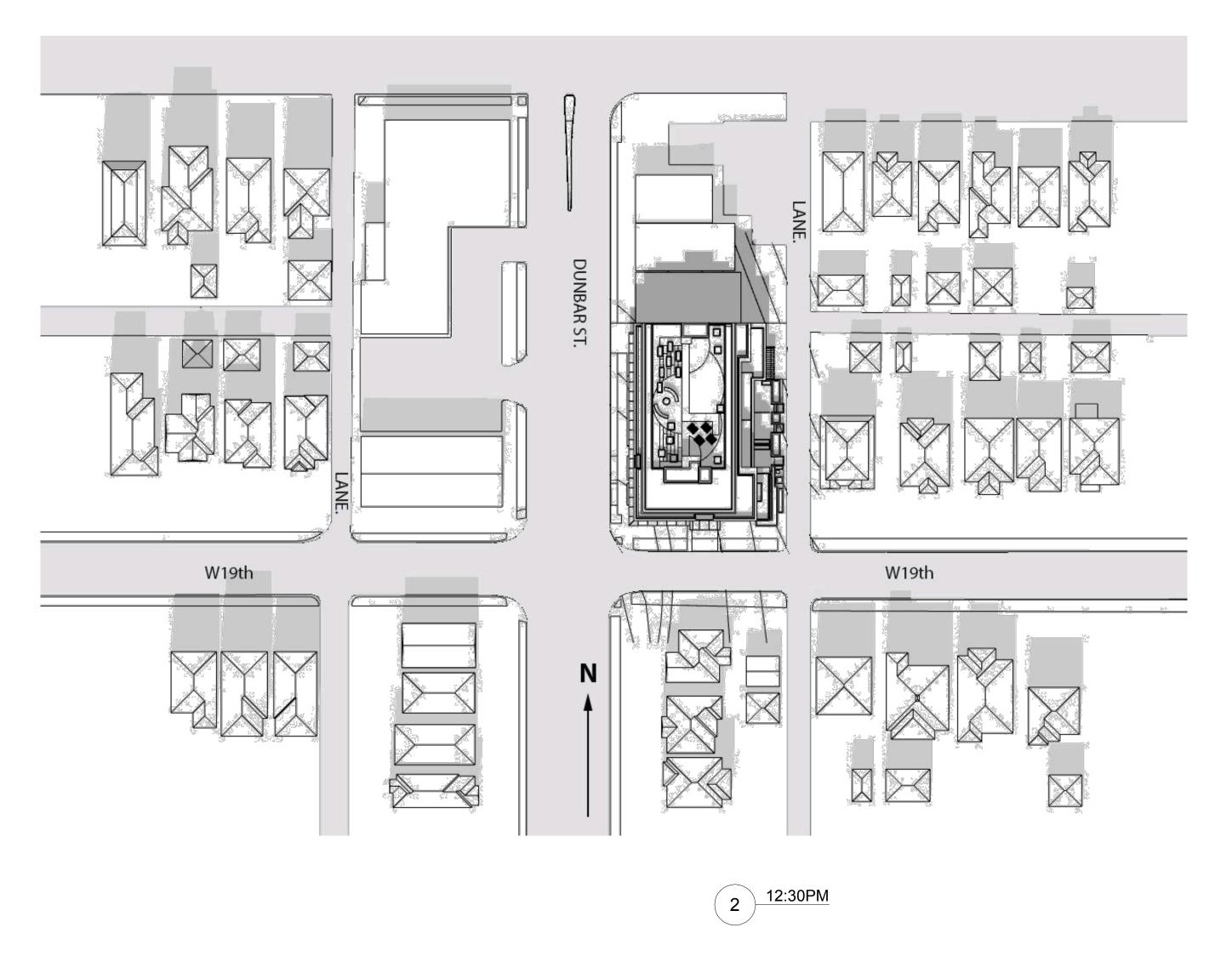
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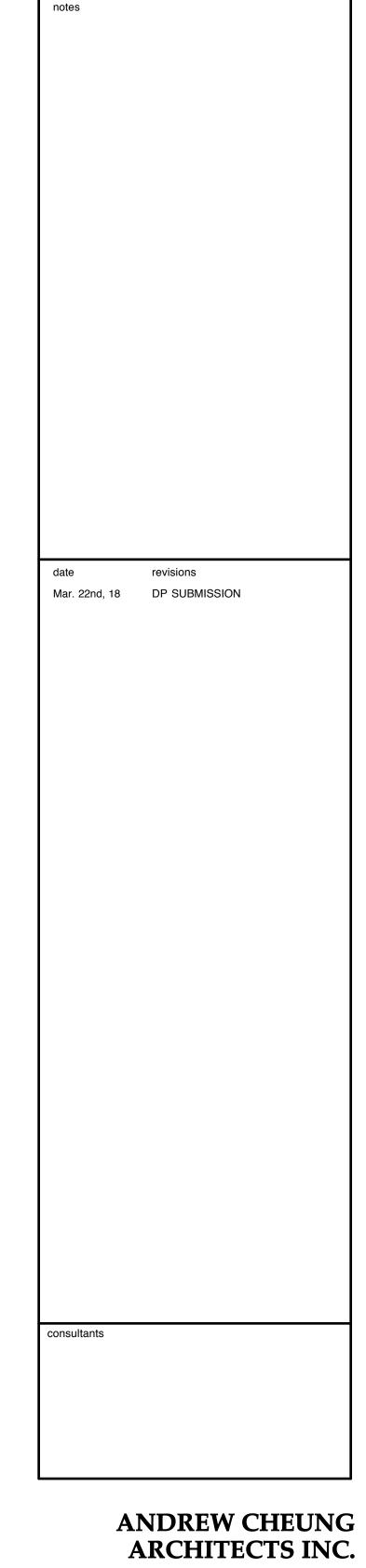
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		fax	(604) 685-1889		
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FOURTH FLOOR AREA OVERLAY					
project numb 21727	er	file name			
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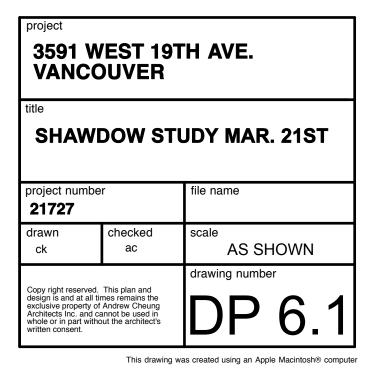
1 FOURTH FLOOR AREA OVERLAY SCALE: 1/8"=1'-0"



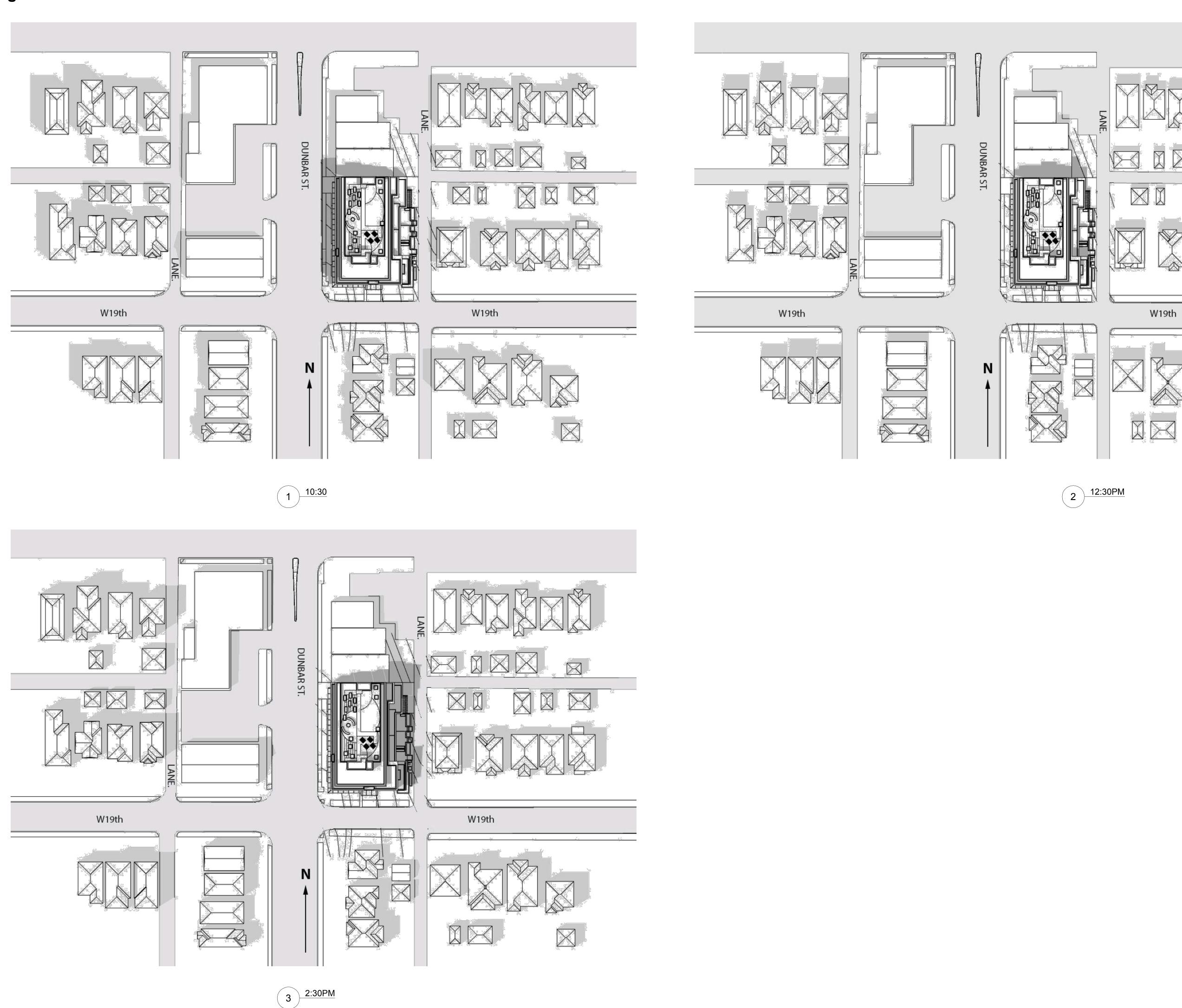


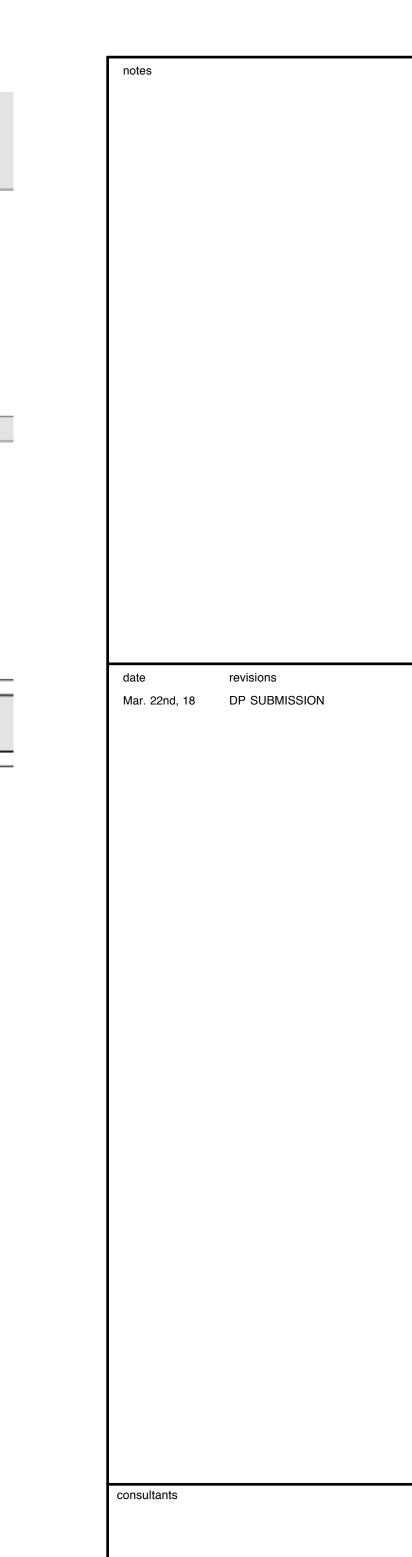


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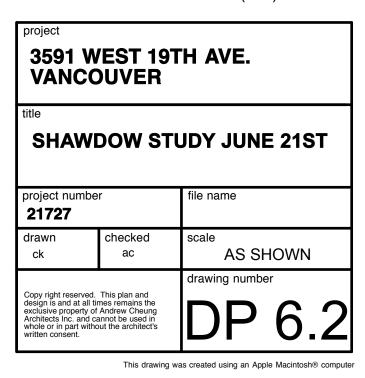




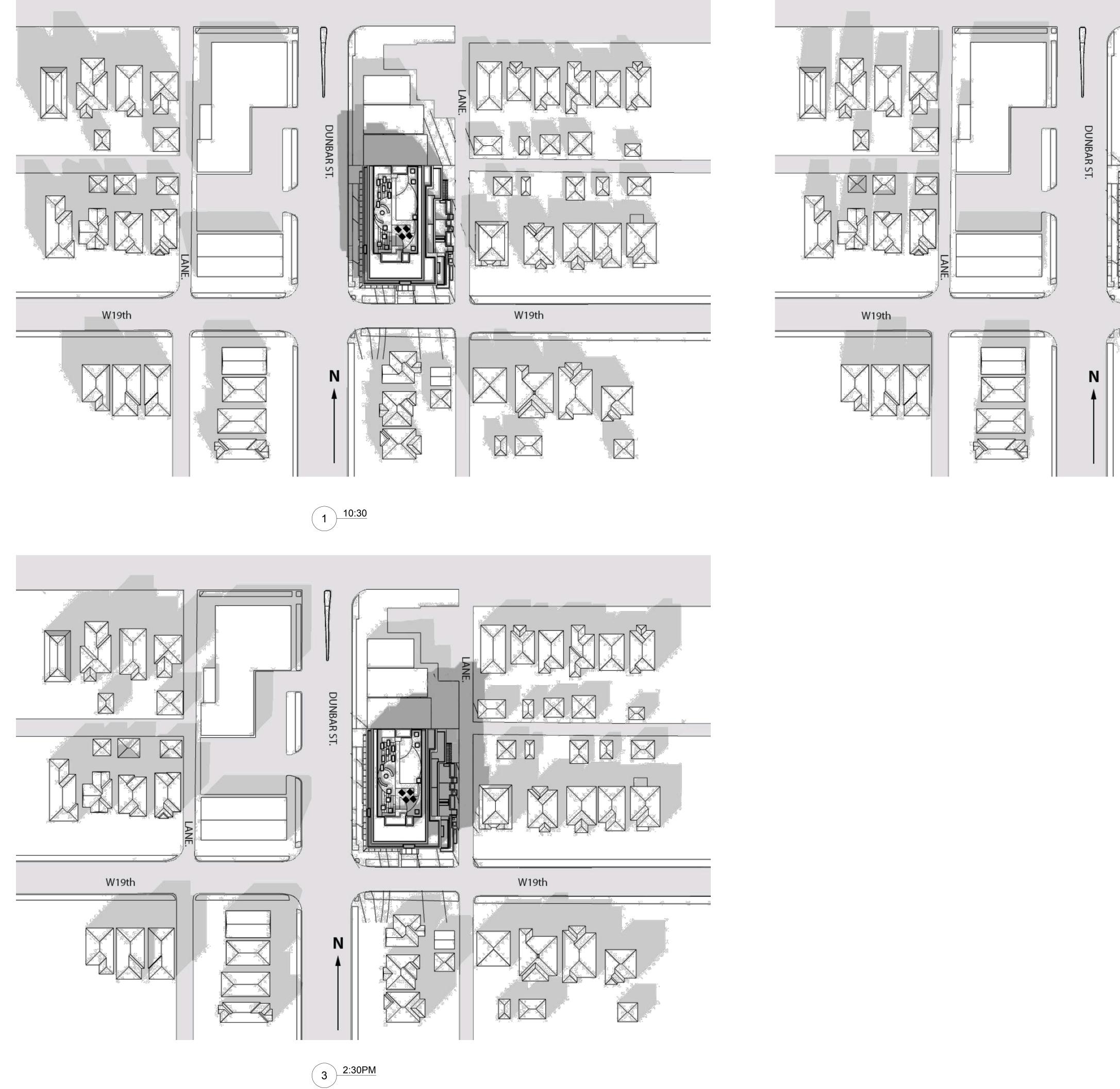
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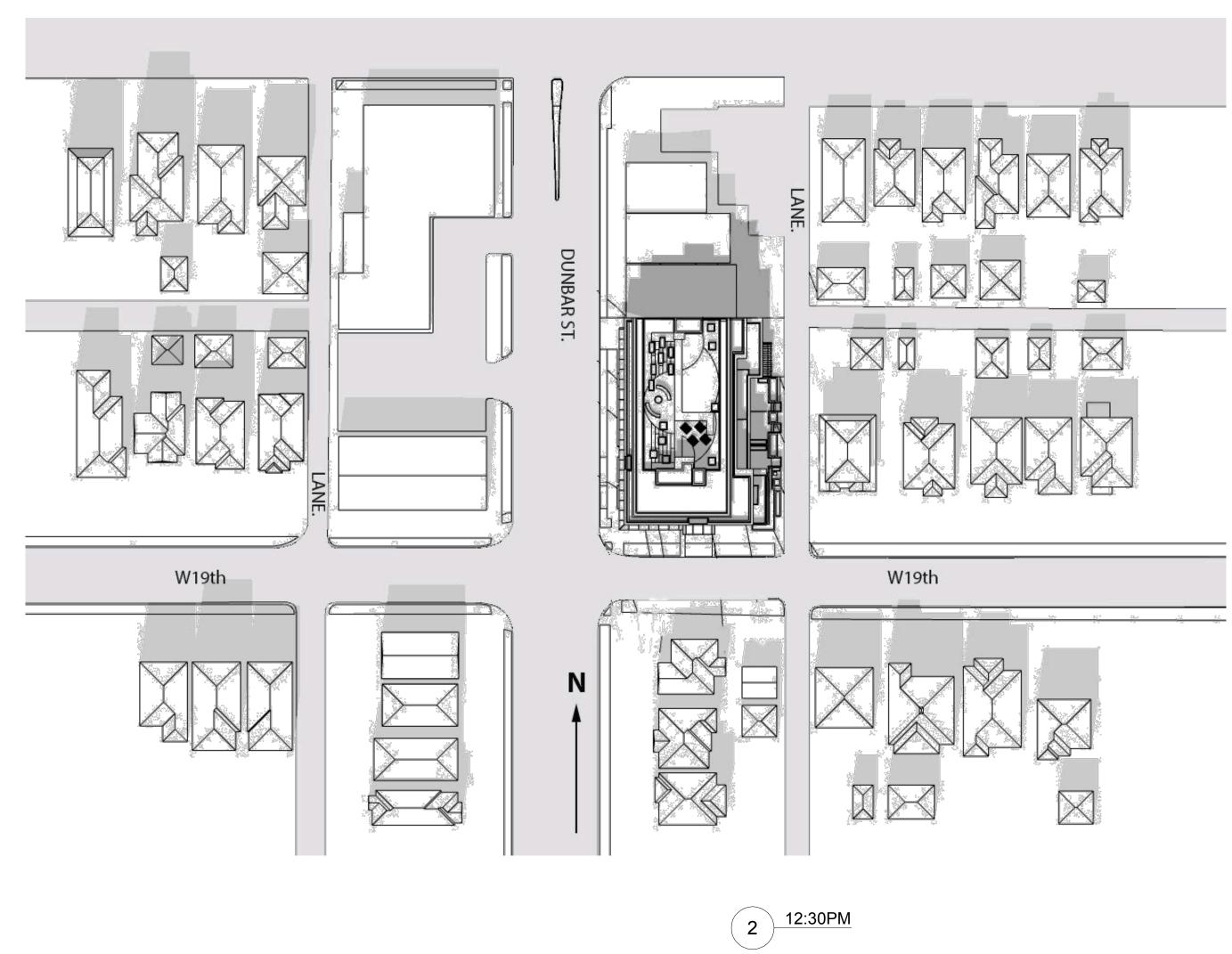
ANDREW CHEUNG ARCHITECTS INC.

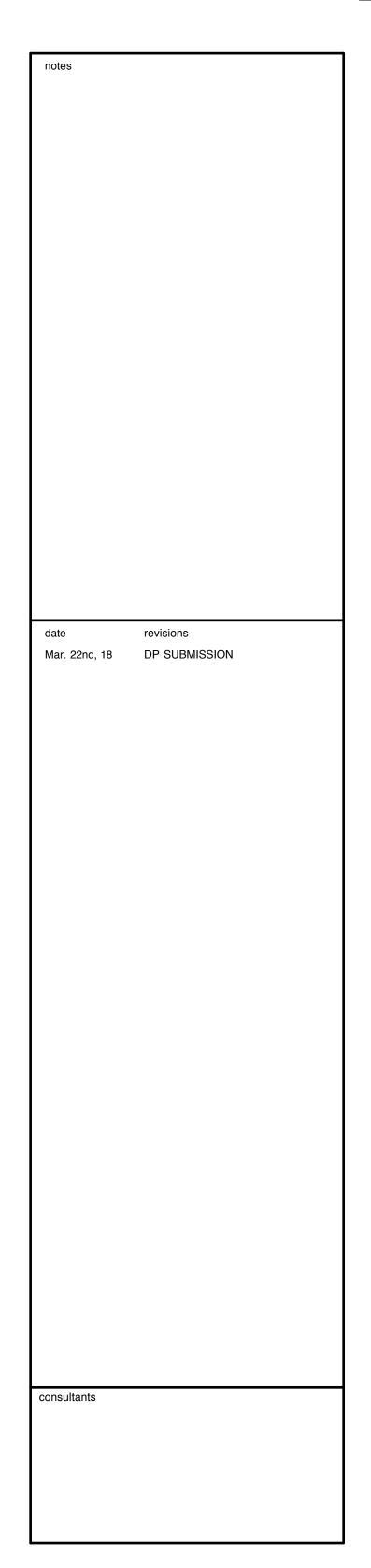
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3591 WEST 19TH AVE. VANCOUVER				
SHAWDOW STUDY SEPT. 21ST				
project number 21727		file name		
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