

HDR Architecture Associates Inc. 210 Hastings Avenue Penticton, BC V2A 2V6

December 20, 2019

City of Kelowna Planning and Development Services 1435 Water Street Kelowna BC, V1Y 1J4

RE: WATER STREET by the Park, 234-278 Leon Ave & 1620-1630 Water Street

Design Rationale: Development Permit Submission

To whom it may concern,

Venue Kings Ticket Brokers, Inc. has commissioned our firm, HDR Architecture Associates, Inc., to provide architectural design services for the development permit application (development variance permit and text amendment) for a new purpose built mixed use development (600 residential units, 216 hotel suites + CRU) at 234-278 Leon Ave & 1620-1630 Water Street in Kelowna.

A new mass timber pedestrian bridge is proposed to connect both sites across Leon Avenue; providing joint access to parking and a new gateway to Kelowna City Park. Parking (748 stalls) is provided for both sites on the north side of Leon Ave with one level underground and the remaining above grade. The parking structure is concealed by a double height CRU space and a gently curving mass timber (glulam) and polycarbonate external screen. The open parking structure will allow light to wash through the mass timber supporting structure and polycarbonate screen; providing a warm glow to the streetscape below (refer to cover sheet).

The CRU space at grade will help rejuvenate and enliven the streetscape; the public realm modifications allow for soft and hard landscaping treatments (refer to L1). Angled parking on the north side of Leon Avenue is replaced with parallel parking (similar to the south side of the street); this allows a more generous pedestrian oriented streetscape with an additional bike lane. Greening of the street will act as a natural gateway to one of Kelowna's most precious resources (City Park and the waterfront). A continuous CLT (cross laminated timber) canopy at street level provides protection from the elements; activities within the building are visible through the glazed façade to activate the street (eyes on the street for security).

There are many good reasons to explore the full potential of wood, as a viable option to steel and concrete, but as architects, our primary interest is in the fact that wood sequesters carbon dioxide at a rate of 1-1.2 tons/m3 of wood. In a world where the construction industry is responsible for 40-

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50% of CO2 emissions, renewable materials, such as wood, can mitigate the rate of global warming. With massive human migration occurring in developing countries, such as Asia and South America, triggering a massive building boom, new forms of construction for housing must be explored that are viable solutions to the traditional multi storey, concrete, apartment block that are commonly constructed in these areas. This development is proposing to use wood in strategic locations to maximize the benefits.

The current C7 (Central Business Commercial) zoning will accommodate the scheme presented except for the following variances (4) and text amendment:

- 1 HEIGHT VARIANCE: THE BUILDING IS 55.9M HIGHER THAN WHAT THE ZONE ALLOWS, HOWEVER THE TOWERS MATCH THE CITY'S VISION FOR THE FUTURE OF THIS ZONE (OCP), THE FAR IS COMPLIANT WITH THE ZONING BYLAW.
- 2 PARKING VARIANCE: THE PARKING PROVIDED IS A 239 STALL SHORTFALL, GIVEN THE NATURE OF TOWER C (HOTEL) WE FEEL THAT LESS CARS WILL BE REQUIRED, THE BUILDING IS IN A CENTRAL LOCATION IN THE CITY CORE WITH ACCESS TO PUBLIC TRANSIT AND BIKE ROUTES. Refer to sheet A08
- 3 CLASS II BIKE PARKING VARIANCE: THE CALCULATIONS PROVIDED IN THE BYLAW ARE MEANT FOR SMALLER DEVELOPMENTS; THE 107 REQUIRED PER THE CURRENT BYLAW EXCEEDS ANY TEMPORARY USE IN THIS DEVELOPMENT. (70)
- 4 ALLOW FOR TWO DIGITAL DISPLAY BOARDS AS SHOWN ON A35 AND A36.
- 5 TEXT AMENDMENT; ALLOW FOR SHORT TERM RENTALS.

Tower A (30 storey total / 24 storey market housing

Tower B (42 storey total / 36 storey market housing)

Tower C (24 storey total / 18 storey hotel)

Towers A and B are oriented East West with a slight v shaped deck articulation to accentuate the slender form as seen from Harvey Avenue. The translucent glass guards on the tower balconies provide a sculptural aesthetic while minimizing the visual impact of ones possessions. This proposal will be a positive contribution to our community by allowing more housing and commercial opportunities and allowing densification in an area which is within the downtown core and its associated amenities. This project is in close proximity to bike and walking trails and a viable alternative to urban sprawl and hope for a reduction in vehicular reliance. The developer would like to work with the City of Kelowna to provide a public contribution for community benefit; to help combat the housing crisis.

Sincerely,

HDR Architecture, Inc.

Robert Cesnik ARCHITECT AIBC, MRAIC, LEED AP BD+C

Associate





# WATER STREET BY THE PARK

Client: Anthony Beyrouti

Project No. 10141492

Project Address: 234-278 Leon Ave & 1620-1630 Water st,

Kelowna, BC

DEVELOPMENT PERMIT Issue Date: 20/12/2019

SITE ANALYSIS CONTEX PLAN CONTEXT PHOTOS CONTEXT PHOTOS SITE ANALYSIS **FUTURE DEVELOPMENT** EXISTING DEVELOPMENT SITE PLAN SITE SURVEY PLAN - UNDERGROUND PARKING PO PLAN - MAIN FLOOR CRU + PARKING P1

PLAN - MAIN FLOOR CRU + PARKING P1 PLAN - SECOND FLOOR + PARKING P2 PLAN - SECOND FLOOR + PARKING P2 PLAN - THIRD FLOOR + PARKING P3 PLAN - THIRD FLOOR + PARKING P3 PLAN - FOURTH FLOOR + PARKING P4 PLAN - FOURTH FLOOR + PARKING P4 PLAN - FIFTH FLOOR + PARKING P5 PLAN - FIFTH FLOOR + PARKING P5 PLAN - SIXTH FLOOR - RESIDENTIAL AMENITY R1

PLAN - SIXTH FLOOR - RESIDENTIAL AMENITY PLAN - SEVENTH FLOOR - RESIDENTIAL LIVING R2 PLAN - SEVENTH FLOOR TOWER A - RESIDENTIAL R2A PLAN - SEVENTH FLOOR TOWER B - RESIDENTIAL R2B PLAN - SEVENTH FLOOR TOWER C - R2

**ELEVATIONS ELEVATIONS ELEVATIONS**  FUTURE CONTEXT SOLAR ANALYSIS SHADOW ANALYSIS MATERIALS & FINISHES PERSPECTIVE PERSPECTIVE

LANDSCAPE DRAWINGS LIST

CONCEPTUAL LANDSCAPE PLAN WATER CONSERVATION/IRRIGATION PLAN L2/2 L1/2 L2/2 OFFSITE LANDSCAPE PLAN OFFSITE IRRIGATION PLAN

SITE	LEGAL DESCRIPTION	CIVIC ADDRESS	ZONING			
PROJECT LOT	LOTS 1-8, BLOCK 10, PLAN 462 & LOT A, PLAN 22722	234 - 278 LEON AVE & 1620-1630 WATER ST, KELOWNA, BC	C7 - CENTRAL BUSINESS COMMERCIAL			
LOT AREA	4,573.9 sm (49,233 SF) / 1,748.9 sm (12,366.4 SF)					
PROJECT DESCR	IPTION:		BICYCLE PARKING:			
CONSTRUC' COMPONEN	TION OF A MIXED USE DEVELOPMENT WITH RESI ITS	DENTIAL, COMMERCIAL AND PARKING		AL : CLASS I 409 CLASS II 12 : CLASS I 8 CLASS II 25		
<u>SITE AREA:</u> 49233SF + 1	22666				NG UNIT, CLASS II 0.1 PER DV I GLA, CLASS II 0.6 PER 100 S	
≈ 61600SF			SETBACKS:	ALLOWABLE:	PROPOSED	
MAX BUILDING HE	EIGHT:		0 TO 16m:			BUILDING
DDODOCED	A DDDOV 432 4 (424 CII)		MINIMUM FRONT YARD: MINIMUM SIDE YARD:	0.0m	0.0m 0.0m	1
PROPOSED	: APPROX. 132.4m (434' 6")		MINIMUM REAR YARD:	0.0m 0.0m	0.0m	15 TO BACK
ALLOWABLE	E: 76.5m (250'-11 3/4")		FIRST STOREY ONLY,	<b>0.0</b>	<b>5.5</b>	Property line  4.5 m → Curb line
DIFFEDENC	F. FF 0 (4021 CII)		TRIANGULAR SETBACK	4.5	4.5	Figure 1
DIFFERENC	E: 55.9m (183'- 6")		(SEE FIGURE 1): MAXIMUM FLOOR PLATE	4.5m N/A	4.5m 0000	
PARKING:						
PROPOSED	: 726 PARKING STALLS		16m AND ABOVE:			
PROPOSED	: 726 PARKING STALLS		MINIMUM FROM			
REQUIRED:	RESIDENTIAL: 1.0 PER DWELLING UNIT, 1.0 F COMMERCIAL: 1.3 PER 100 SM GFA	PER 7 DWELLING UNITS AS VISITOR,	ABBUTING STREET: MINIMUM FROM ANY PROPERTY LINE	3.0m	3.0m	
			ABBUTING ANOTHER PROPERTY:	4.0m	4.0m	
			MAXIMUM FLOOR PLATE (PER TOWER):	1,221sm	693-693-617sm	



- 1 PROPOSED MIXED USE DEVELOPMENT
- **2** DOWNTOWN MARINA
- LEON AVE & SERVICE ROAD LOOKING EAST

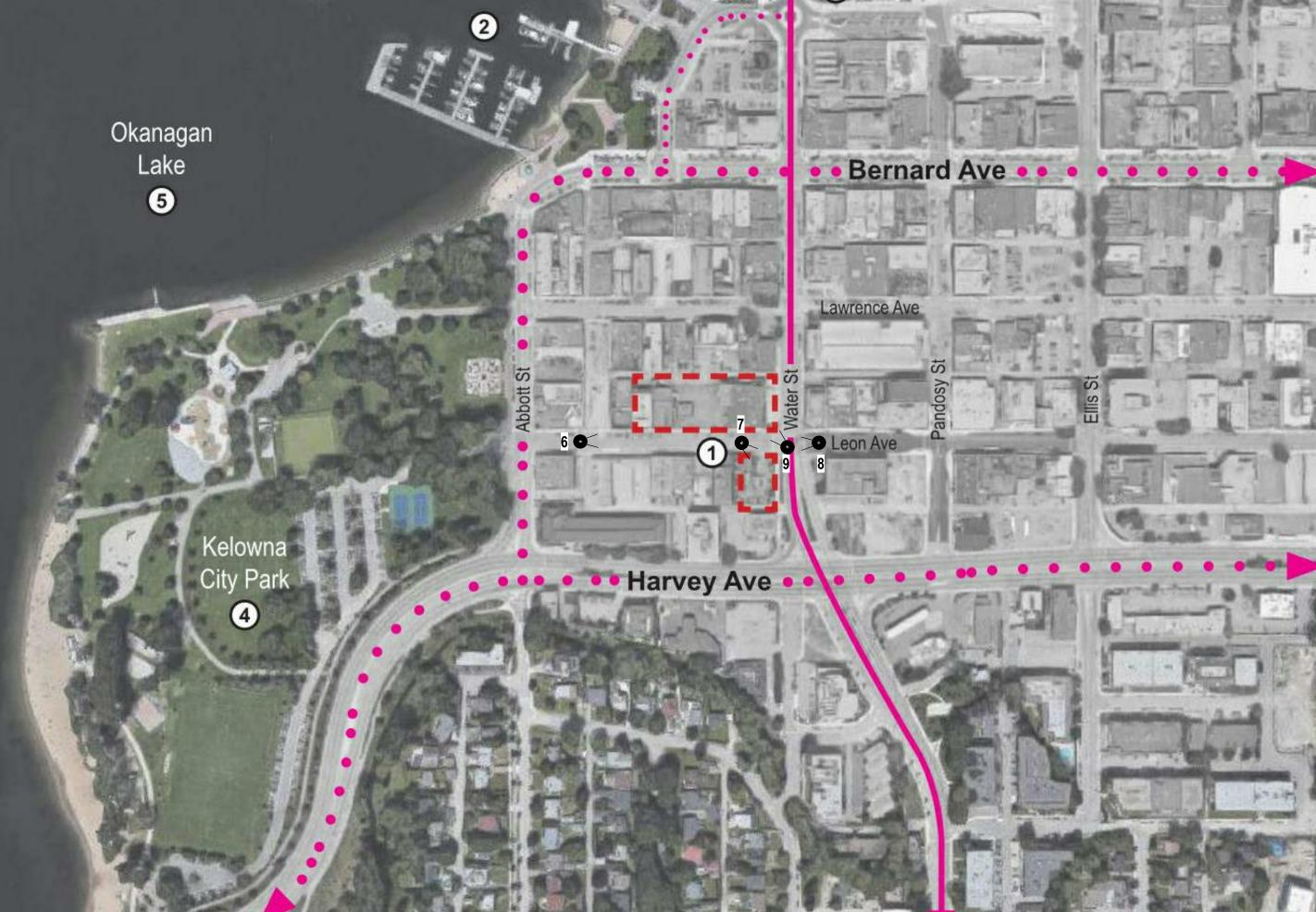
- **3 KELOWNA CITY HALL**
- **4** KELOWNA CITY PARK
- **8 WATER ST LOOKING NORTH**
- **5 OKANAGAN LAKE**
- 6 LEAON & WATER INTERSECTION







**ALLOWABLE ZONING** 



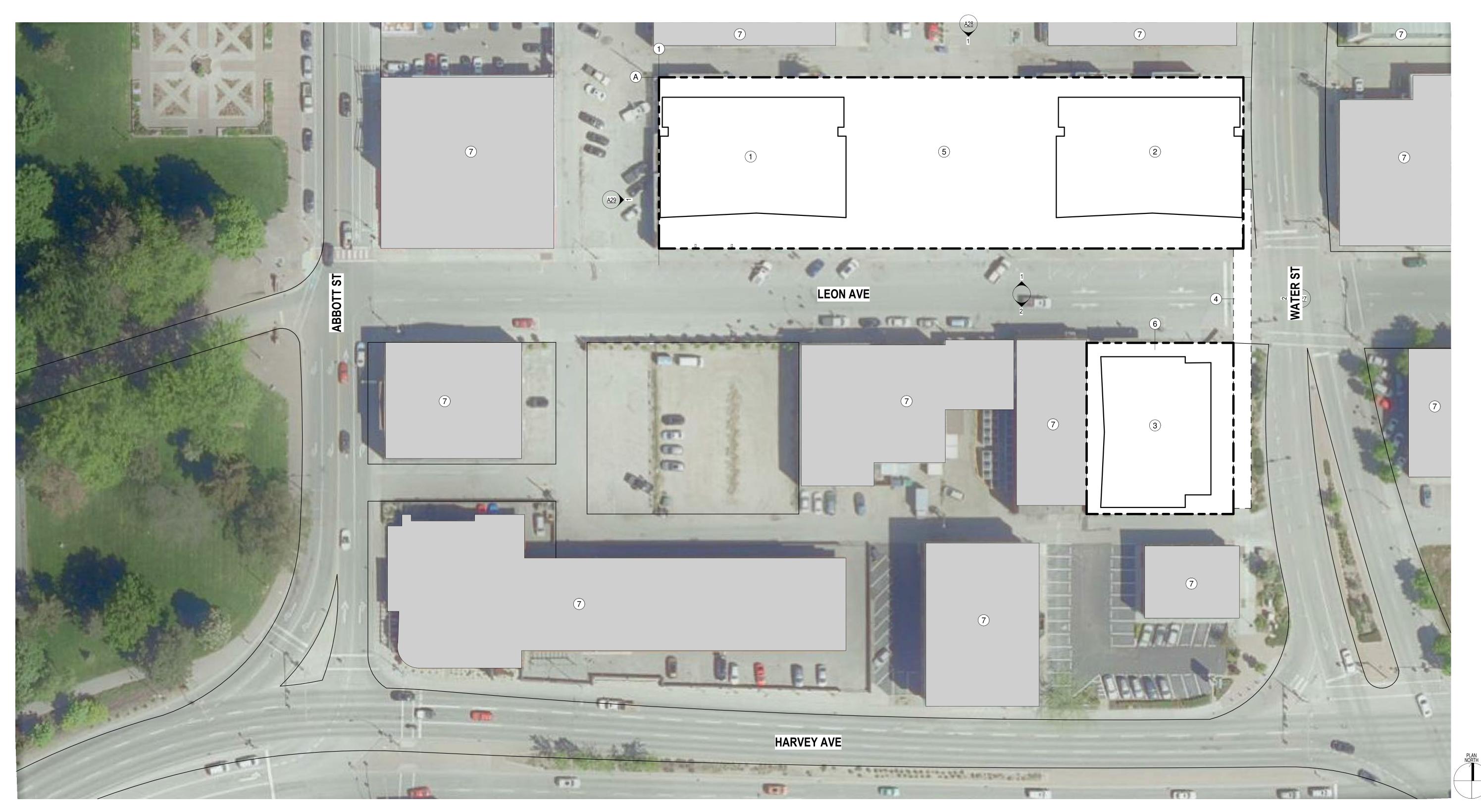






**FUTURE ZONING** 





- 1 PROPOSED TOWER A (24 STORIES)
- **③ PROPOSED TOWER C (18 STORIES)**
- 5 PROPOSED PODIUM (TOWER A & B)
- **7** EXISTING STRUCTURE

- 2 PROPOSED TOWER B (36 STORIES)
- 4 PROPOSED PEDISTRIAN BRIDGE
- 6 PROPOSED PODIUM (TOWER C)

CONTEX PLAN |-)?



1 - VIEW FROM BRIDGE / VIEW FROM NORTH OF WATER STREET



2 - VIEW FROM EAST HARVEY AVE



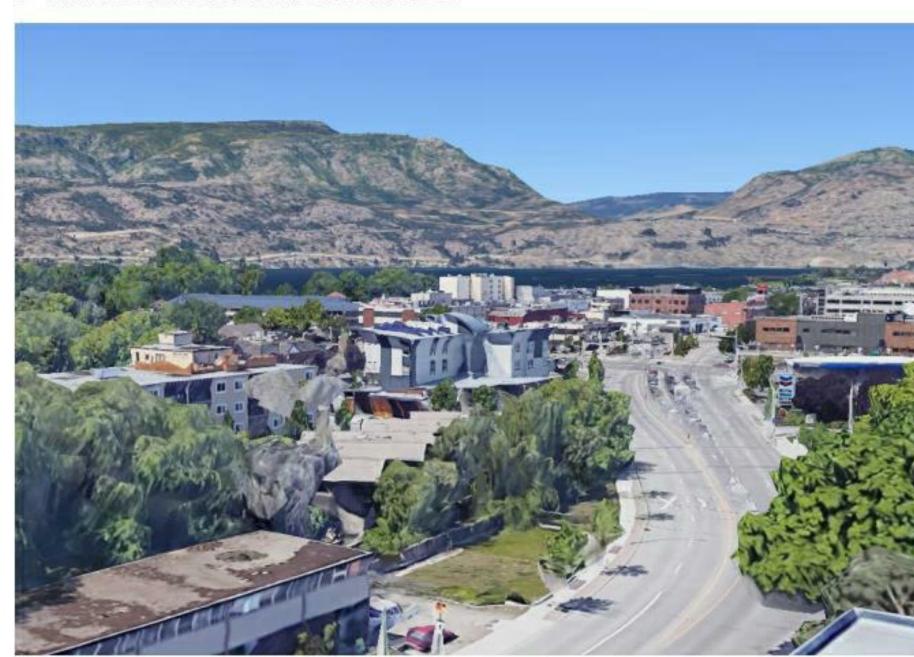
3 - VIEW LOOKING SOUTH ALONG WATER ST



4 - VIEW FROM NORTH OF OKANAGAN LAKE / VIEW FROM SOUTH OF WATER ST



5 - VIEW FROM WEST OF OKANAGAN LAKE

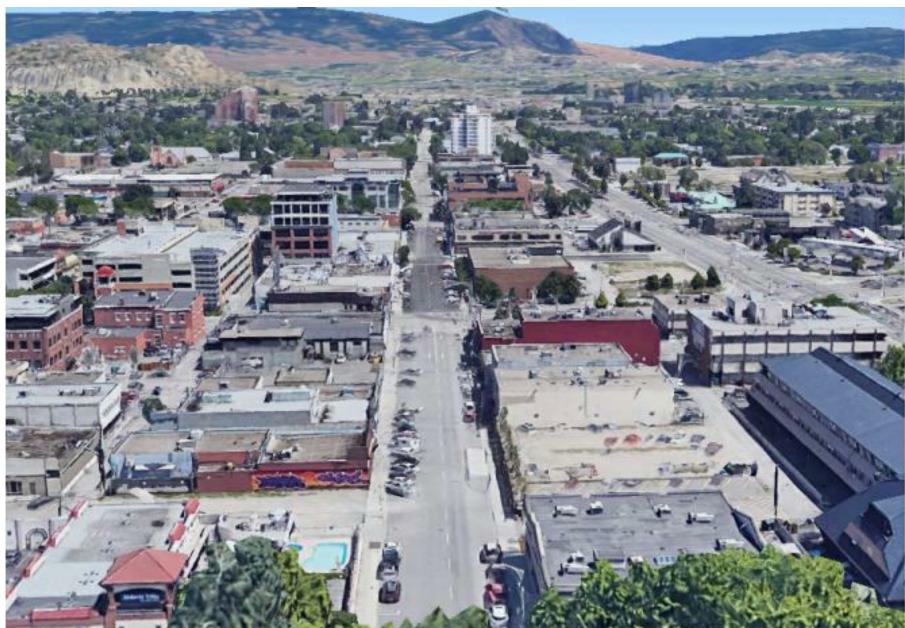


6 - VIEW LOOKING NORTH ALONG PANDOSY ST

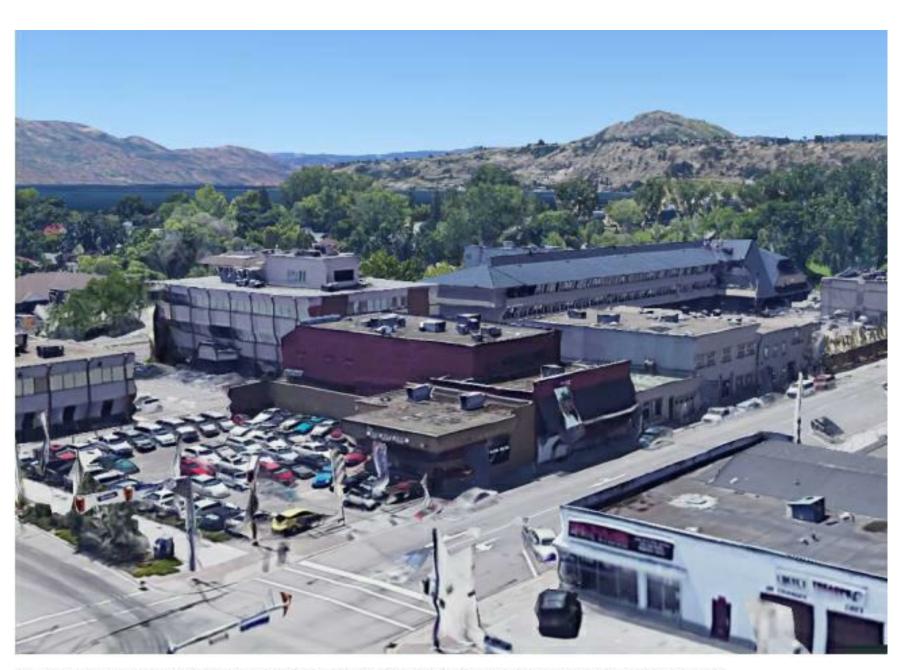








2 - VIEW FROM EAST LEON AVE / VIEW FROM CITY PARK TOWARDS LEON AVE



3 - VIEW FROM NORTH WEST WATER ST / VIEW FROM WEST WATER ST

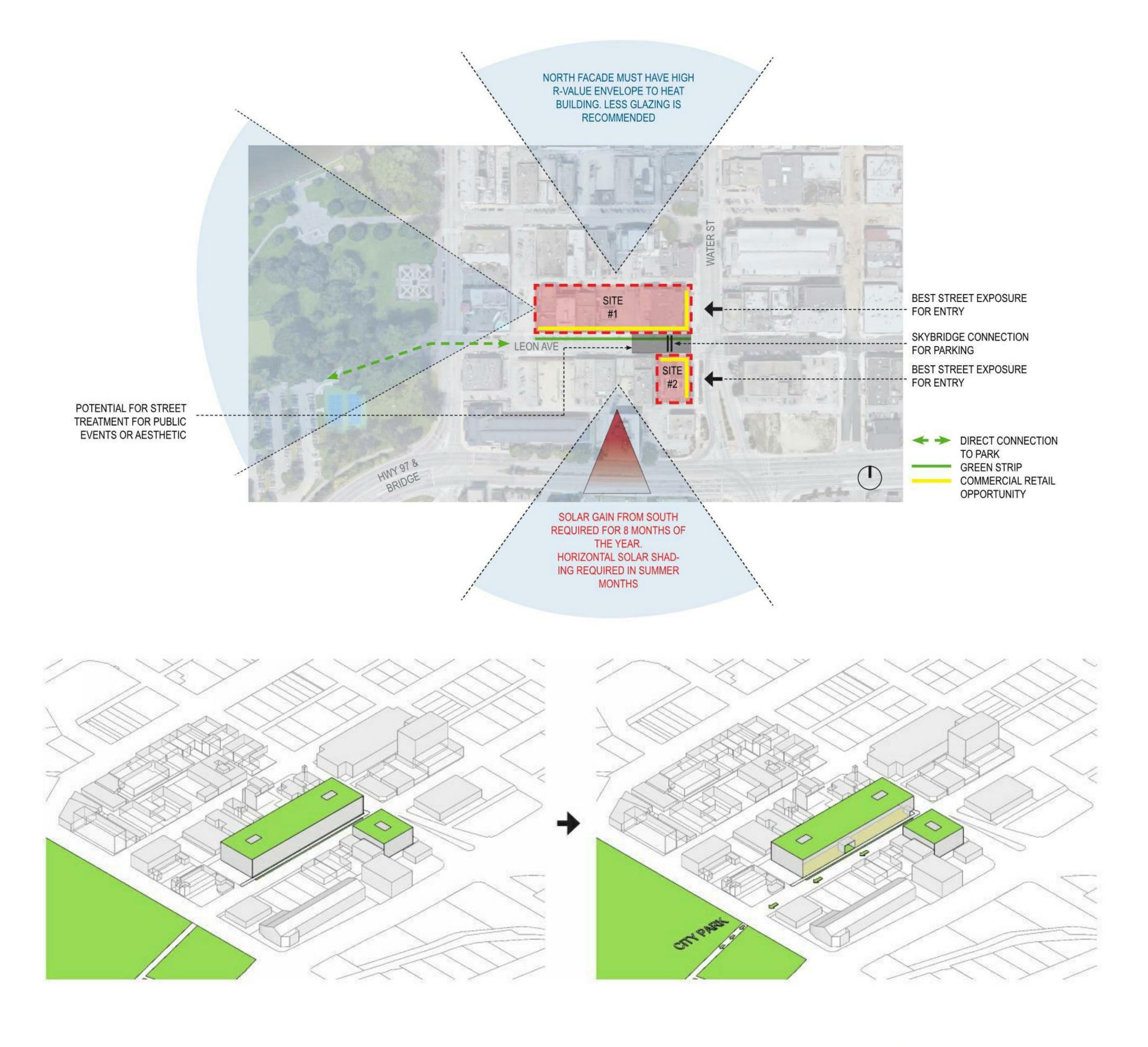


4 - VIEW FROM SOUTH WEST WATER ST / VIEW FROM WATER ST AT SOUTH TOWER



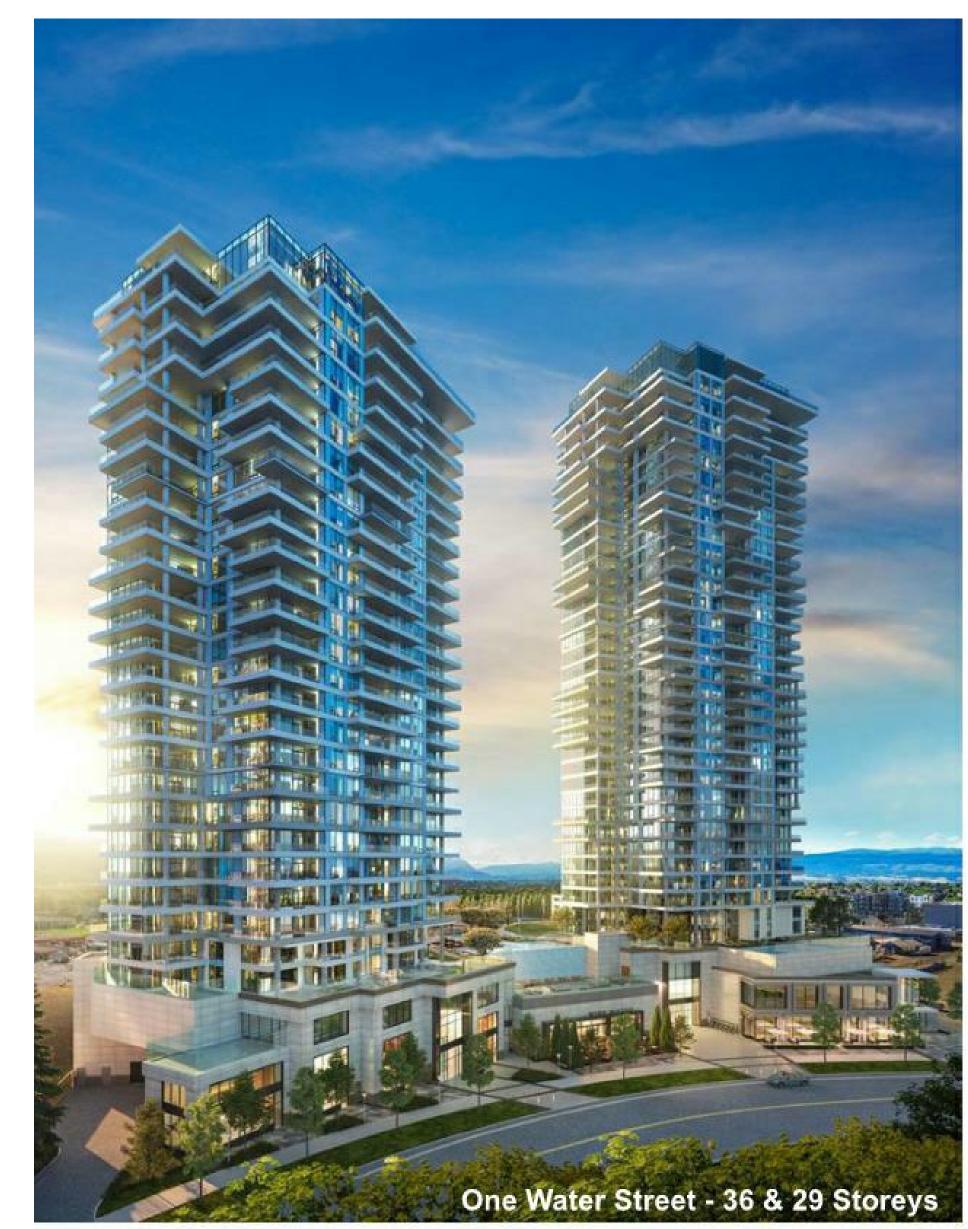
5 - VIEW FROM CITY PARK



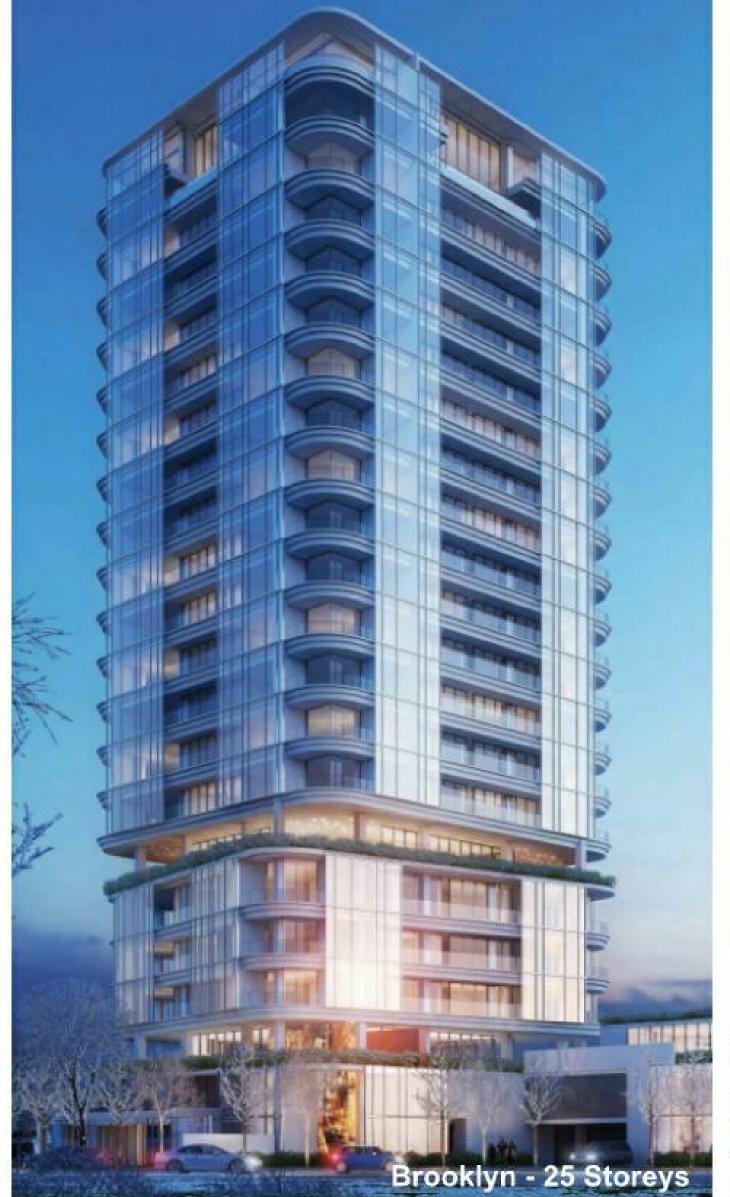


PROVIDING AMENITIES ON TOP OF THE PODIUM PROVIDES OUTDOOR SPACE FOR USERS OF THE BUILDING. BY BRINGING THE GROUND PLANE UP, IT TAKES ADVANTAGE OF PARK AND MOUNTAIN VIEWS.

PROVIDING COMMERCIAL RETAIL UNITS AND A GREEN STRIP ALONG SIDEWALK INVITES PUBLIC FROM CITY PARK TO THE SITE.







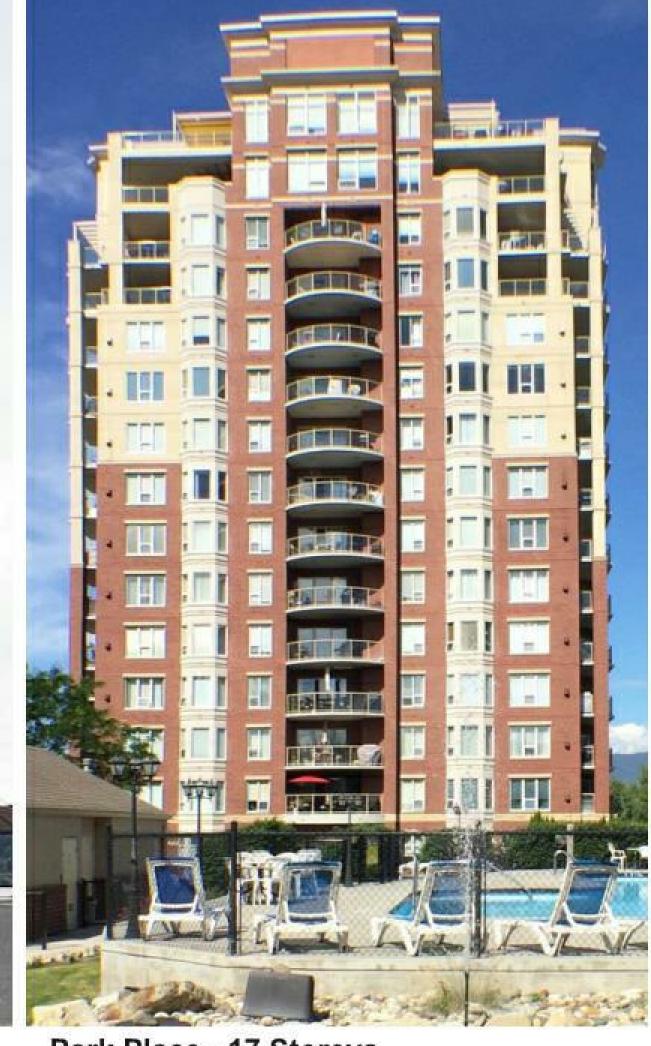












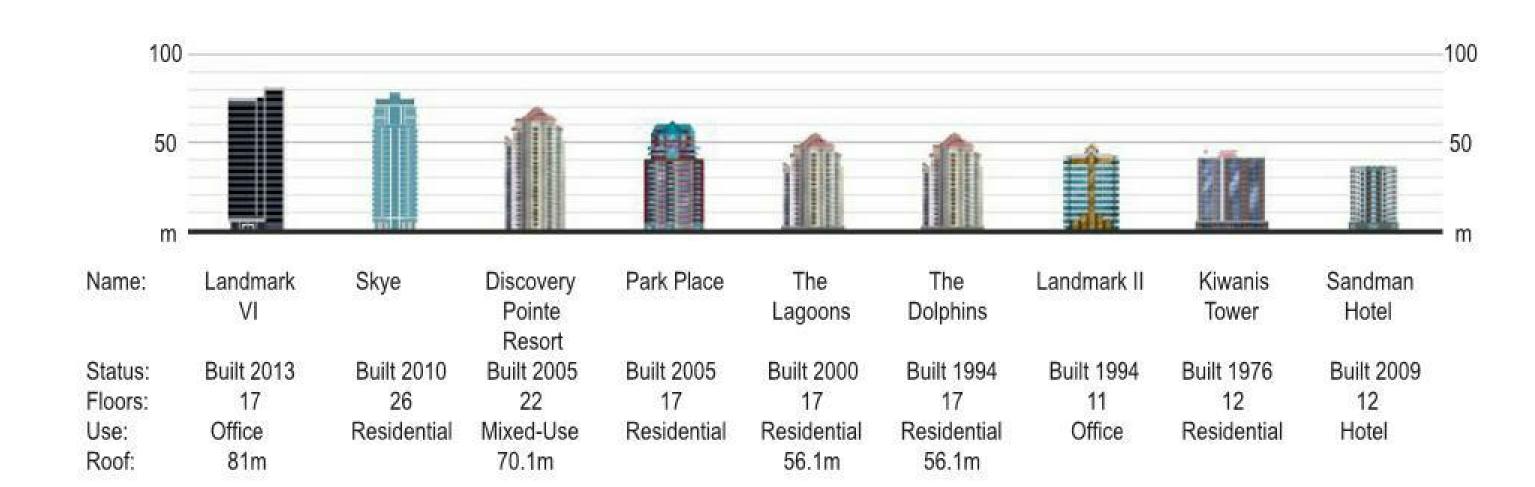


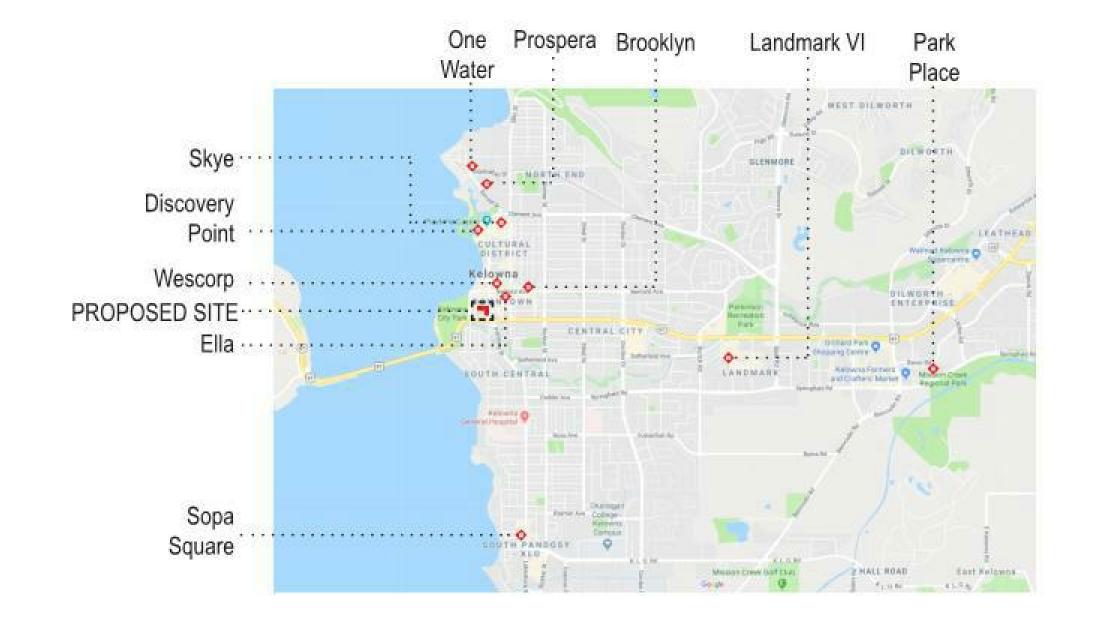
Landmark VI - 17 Storeys

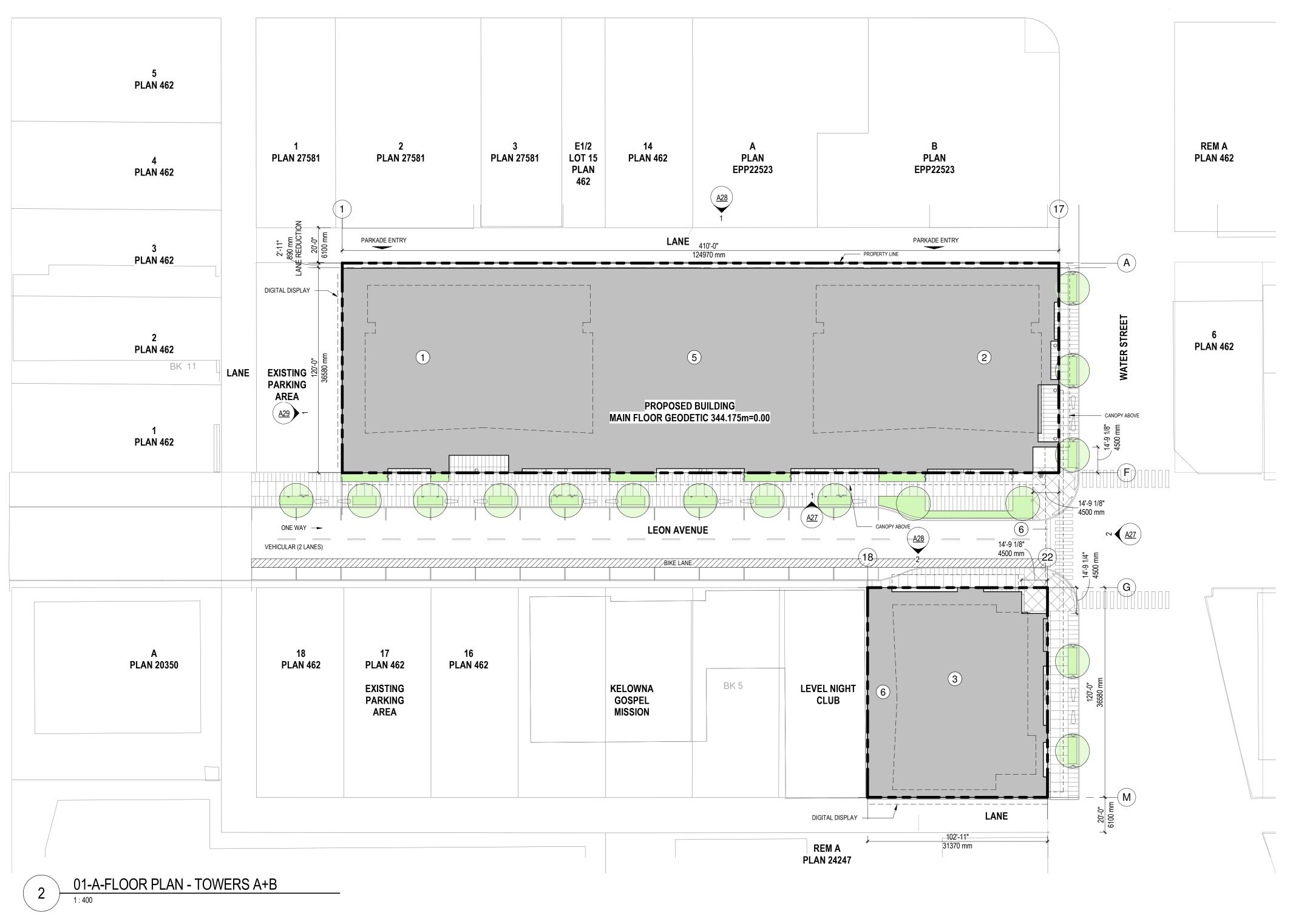
**Discovery Point Resort - 22 Storeys** 

Park Place - 17 Storeys

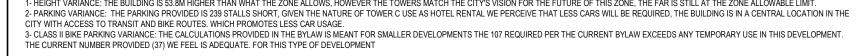
Sopa Square - 14 Storeys







CRITERIA	C7 ZONE REQUIREMENTS	PROPOSAL
CRITERIA	DEVELOPMENT REGULATIONS	PROPUSAL
WEIGHT.	PRINCIPLE BLDGS	PRINCIPLE BLDGS
HEIGHT		
	76.5m (250'-11 3/4")	132.4m (434' 6") 55.9m Variance
FRONT YARD	0 m	0 m
FRONT YARD	0 m	0 m
SIDE YARD	0 m	0 m
SETBACKS FOR PORTIONS OF HEIGHT >16 m ABUTTING A STREET	3m	3 m
SETBACK FOR PORTIONS OF HEIGHT >16 m ABUTTING A PROPERTY	4 m	4 m
SITE COVERAGE	N/A	100%
LOT AREA	N/A	5722.8m2 (61600sf)
NET AREA	N/A	51953.9m2 (559227sf)
FAR	9.0	9.07
	OTHER REGULATIONS	
NUMBER OF RESIDENTIAL UNITS	N/A	816 UNIT
CRU AREA	N/A	4165.8m2 (44841.1sf)
MINIMUM PARKING REQUIREMENTS	RESIDENTIAL: 1.0 PER DWELLING UNIT, 1.0 PER 7 DWELLING UNITS AS VISITOR, COMMERCIAL: 1.3 PER 100 SM GFA (987 TOTAL)	748 (239 Variance)
PARKING STALL SIZES	FULL SIZE 50% MIN. MEDIUM SIZE 40% MAX SMALL SIZE 10% MAX ACCESSIBLE STALLS 1/100 (8)	434 246 68 8
MINIMUM BICYCLE PARKING REQUIREMENTS	RESIDENTIAL: CLASS I 0.5 PER DWELLING UNIT (408) CLASS II 0.1 PER DWELLING UNIT (82) COMMERCIAL: CLASS I 0.20 PER 100 M² GLA (8) CLASS II 0.60 PER 100 M² GLA (25)	409 12 (70 Variance) 8 25
(PROPOSED BYLAW CHANGES) MINIMUM BICYCLE PARKING REQUIREMENTS	RESIDENTIAL: 0.8 Stall/Bachelor 0.9 Stall/1BR 1Stall/2BR UNIT, 0.14/ DWELLING UNIT AS VISITOR, COMMERCIAL: 0.9 PER 100 SM GFA (896 TOTAL)	748
(PROPOSED BYLAW CHANGES) PARKING STALL SIZES	FULL SIZE 50% MIN. SMALL SIZE 50% MAX ACCESSIBLE STALLS 2/100 (17) INCLUDING 2 VANS	434 434 8
(PROPOSED BYLAW CHANGES) MINIMUM BICYCLE PARKING REQUIREMENTS	RESIDENTIAL: 0.75 PER DWELLING UNIT (612) SHORT TERM 6/ENTRY+1/5 UNITS ABOVE 70 (155) COMMERCIAL: 1 PER 500 M² GLA (8) SHORT TERM 2/ENTRANCE (20)	409 17 8 20
PRIVATE OPEN SPACE	6.0 m² / BACHELOR DWELLING, 10.0 m² / 1BR DWELLING, AND 15.0 m² /2BR+ 8784m² TOTAL	16142.83m2 (173760sf)
SHARED AMENITY SPACE	N/A	4493.72m2 (48370sf)



1 PROPOSED TOWER A (30STORIES)

**3 PROPOSED TOWER C (24 STORIES)** 

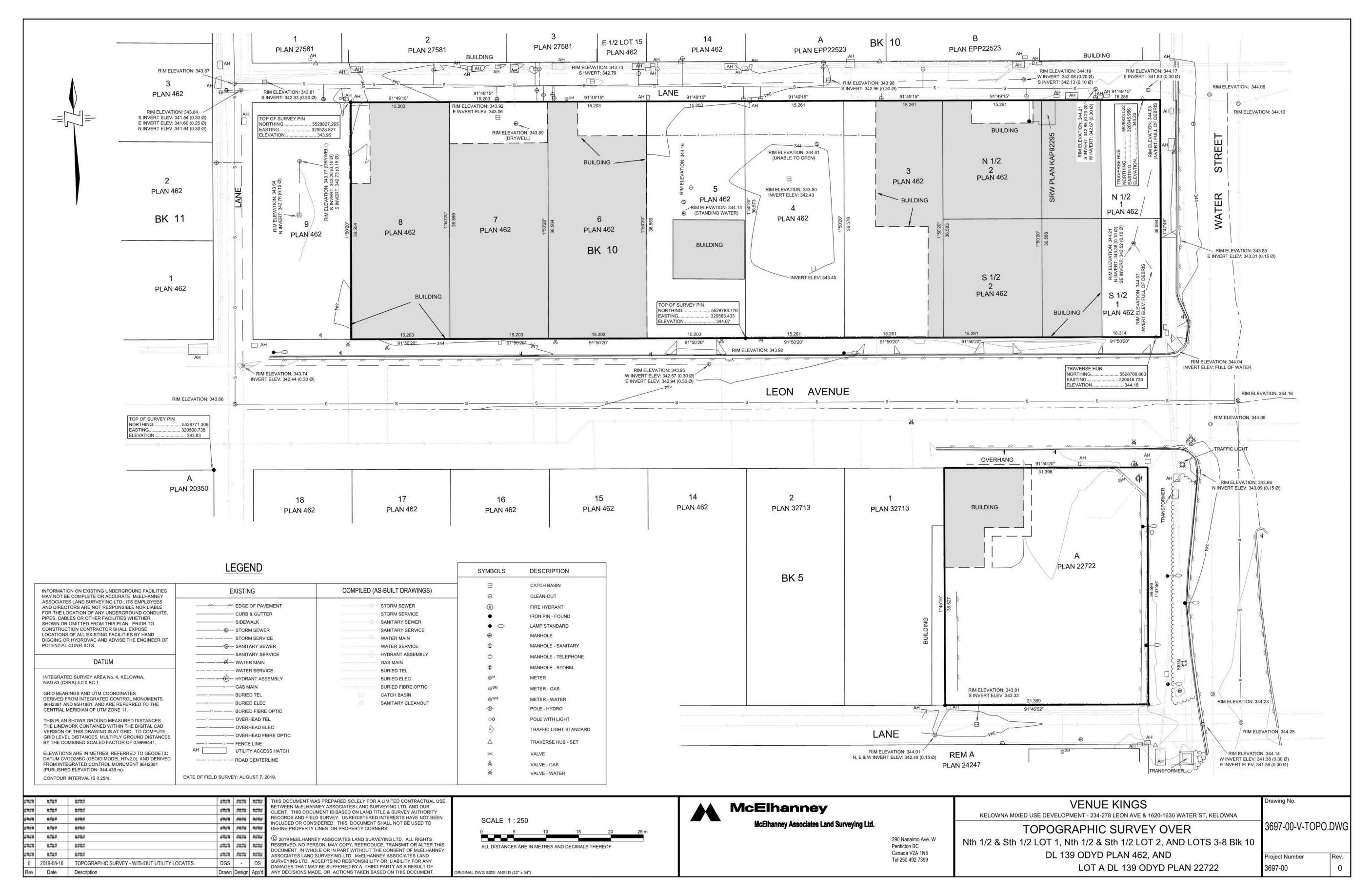
5 PROPOSED PODIUM (TOWER A & B)

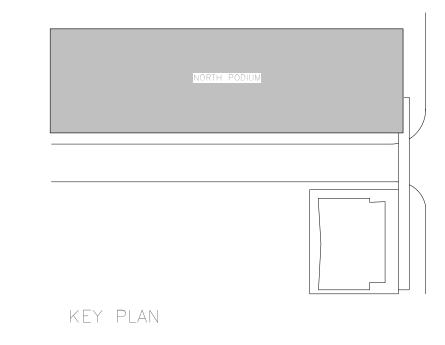
2 PROPOSED TOWER B (42 STORIES)

4 PROPOSED CROSS OVER BRIDGE

6 PROPOSED PODIUM (TOWER C)







**NORTH SITE:** 

REGULAR: 398 STALLS @ 6.0m X 2.5m \*REGULAR

 REDUCED\*:
 36 STALLS @ 5.2m X 2.5m

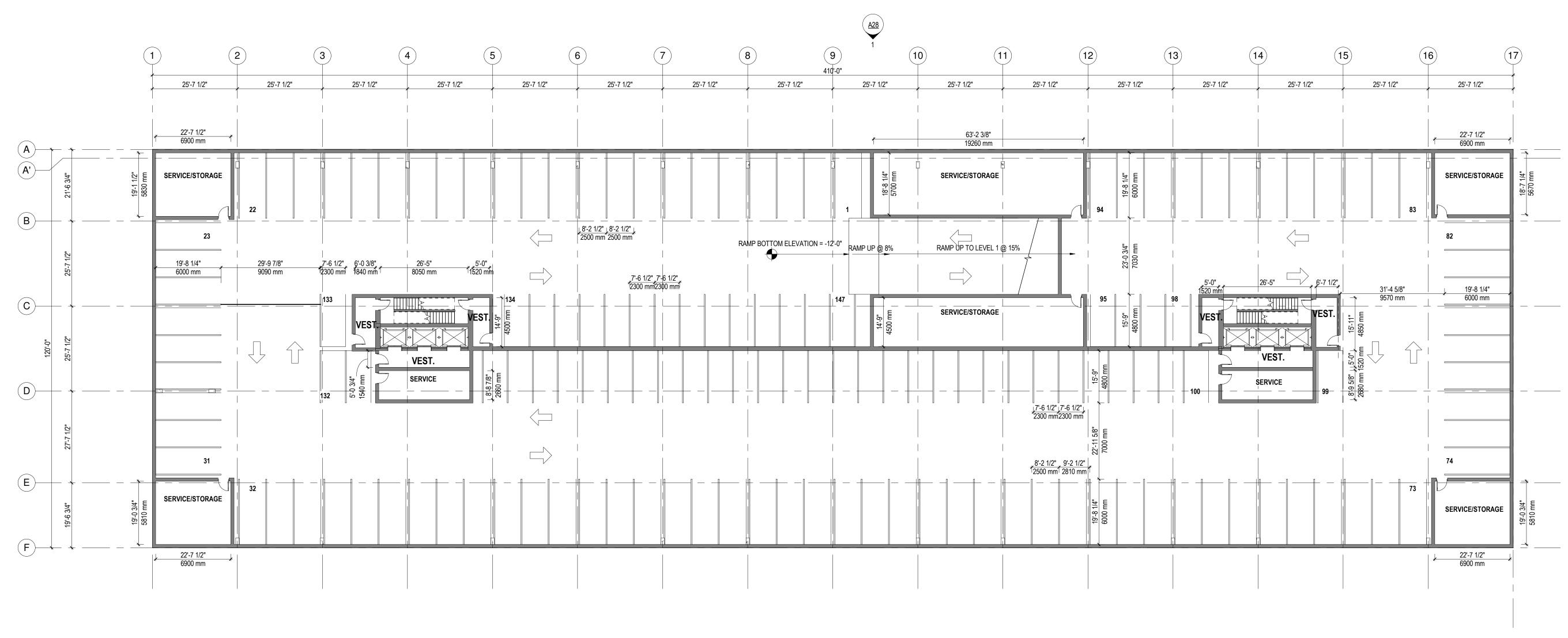
 MEDIUM:
 246 STALLS @ 4.8m X 2.3m

 COMPACT:
 68

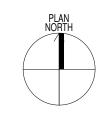
TOTAL: 748 STALLS

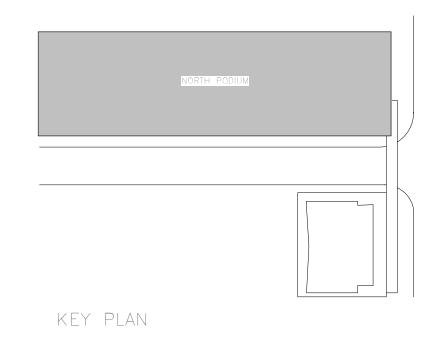
PARKING BREAKDOWN BY SIZE:

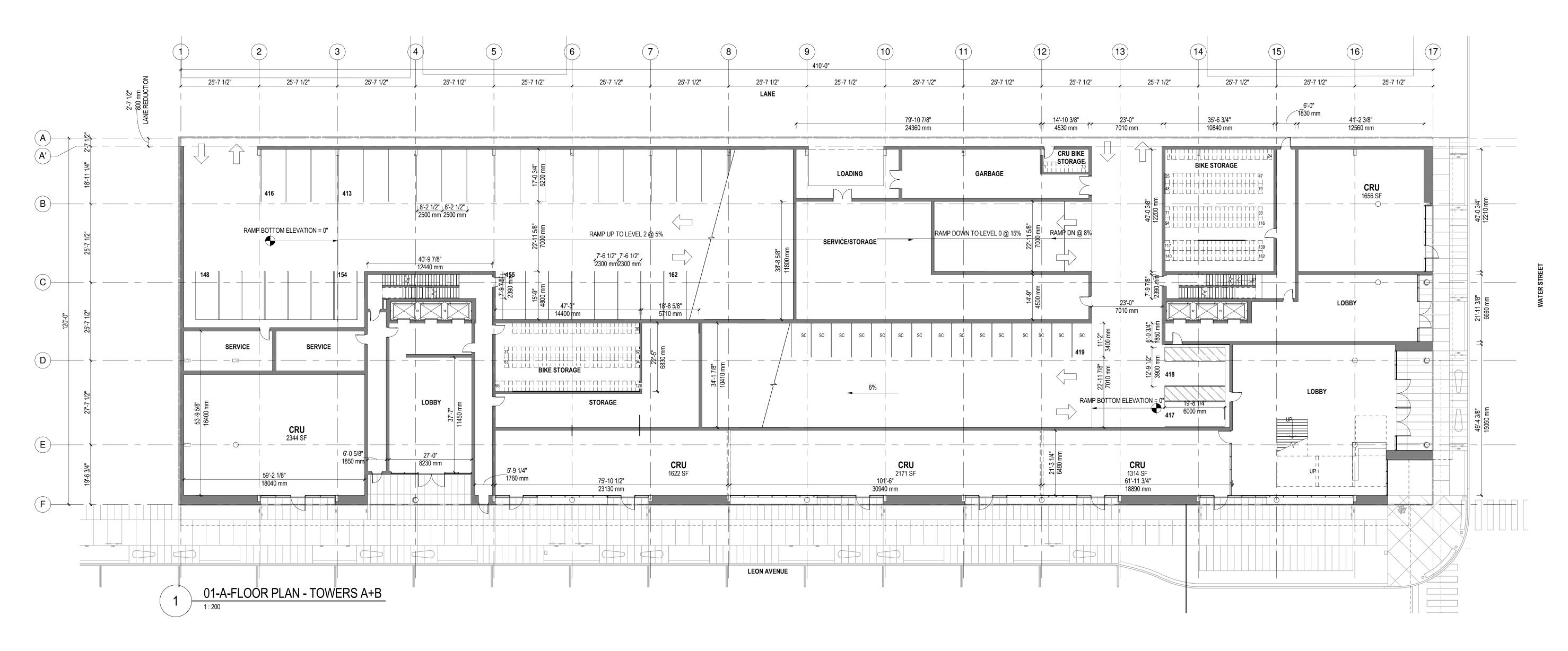
REGULAR STALLS: 398/748 = 53%
REDUCED REGULAR: 36/748 = 4.8%
MEDIUM STALLS: 246/748 = 32.8%
COMPACT STALLS: 68/748 = 9%

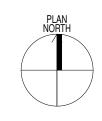


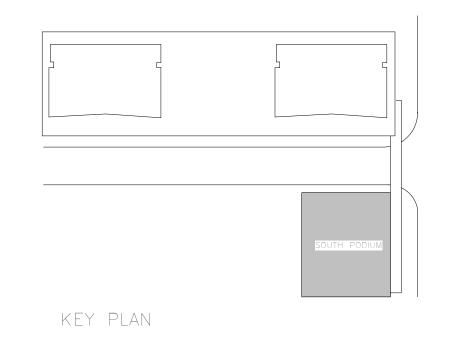
1 00-A-BASEMENT PLAN - TOWERS A+B

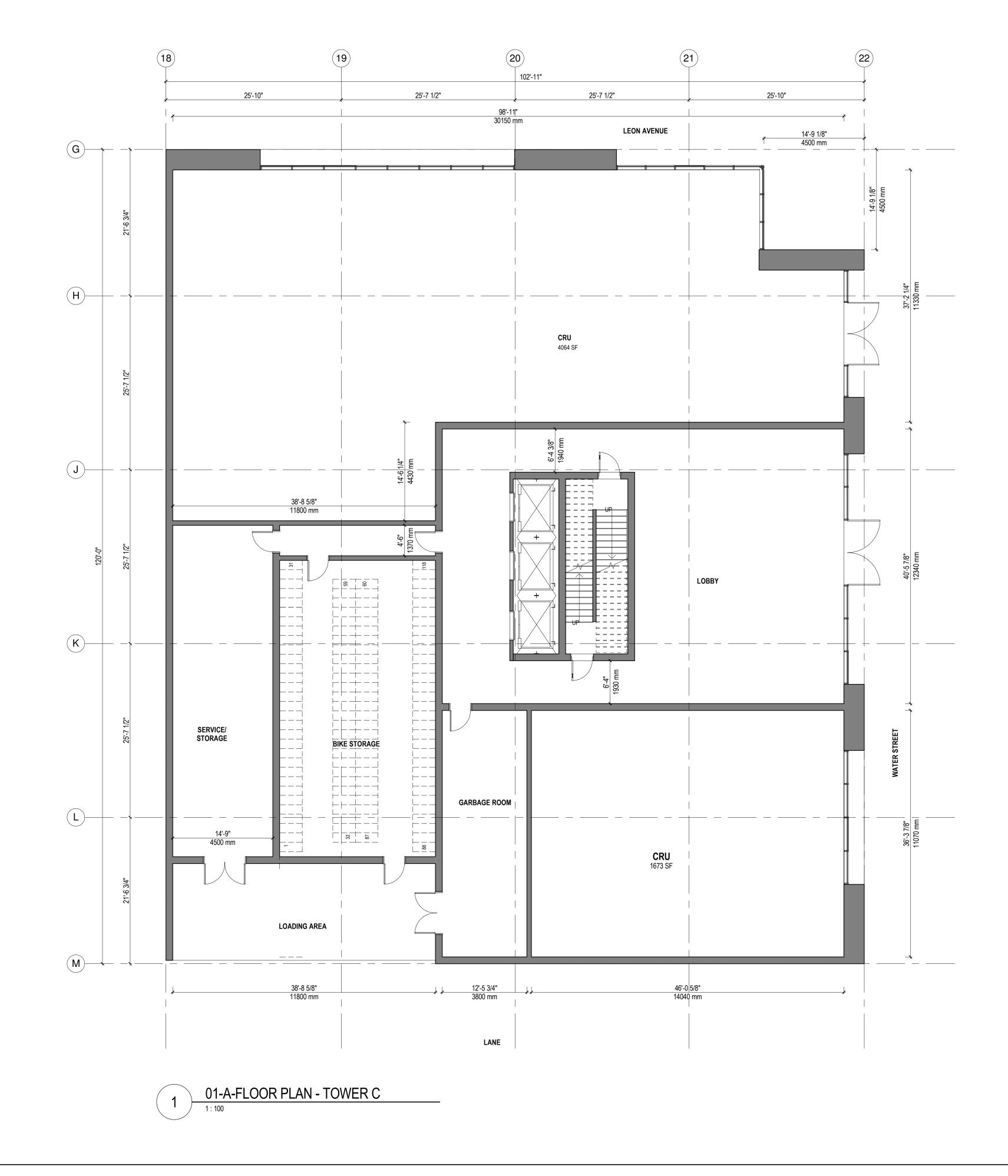


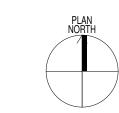


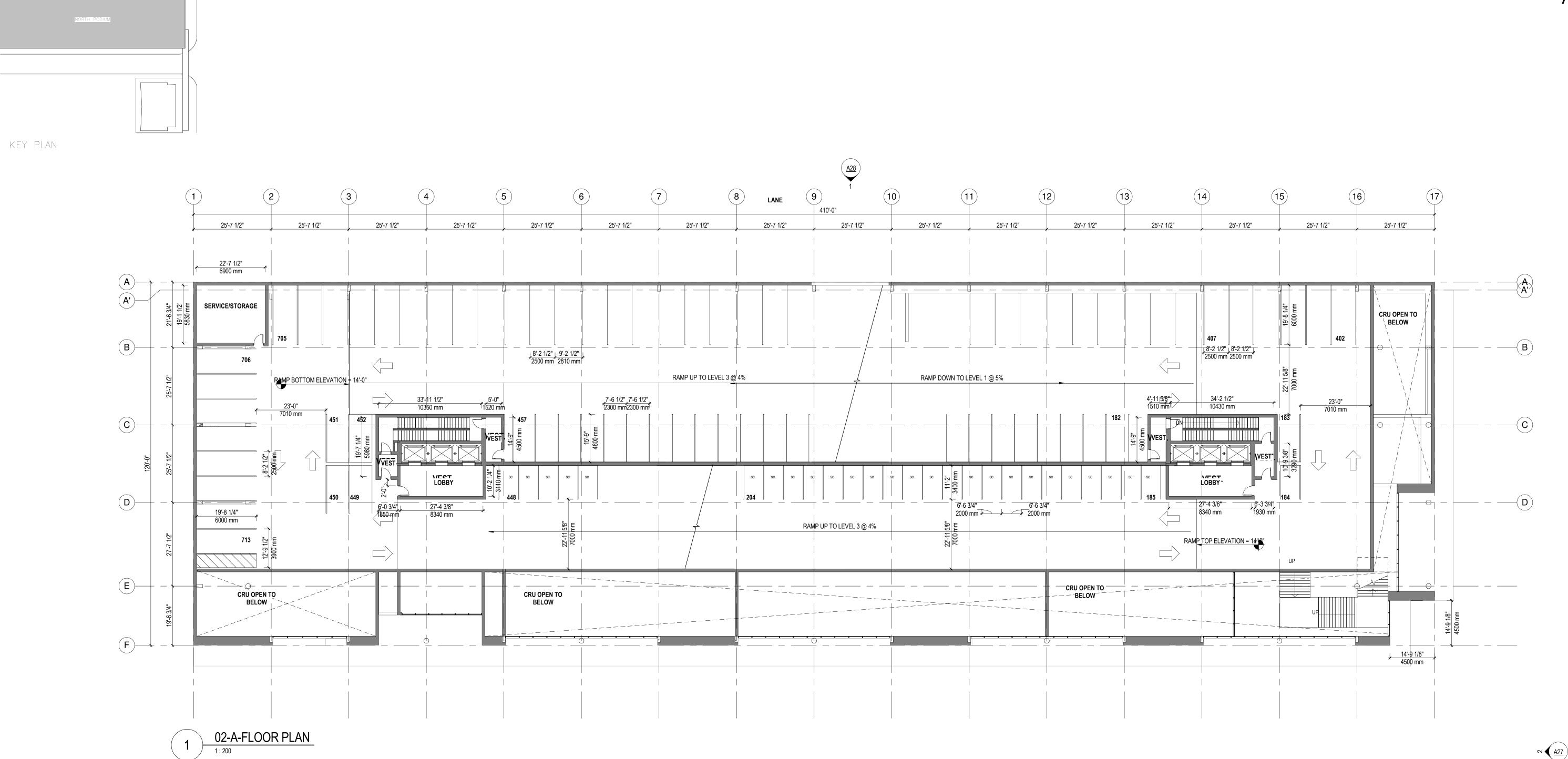


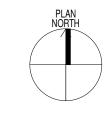


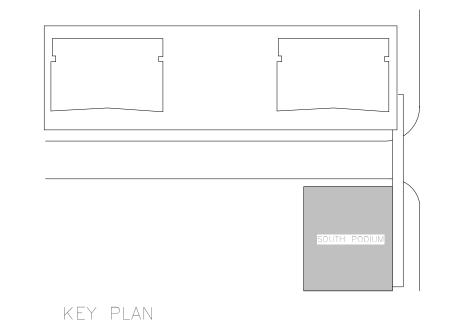


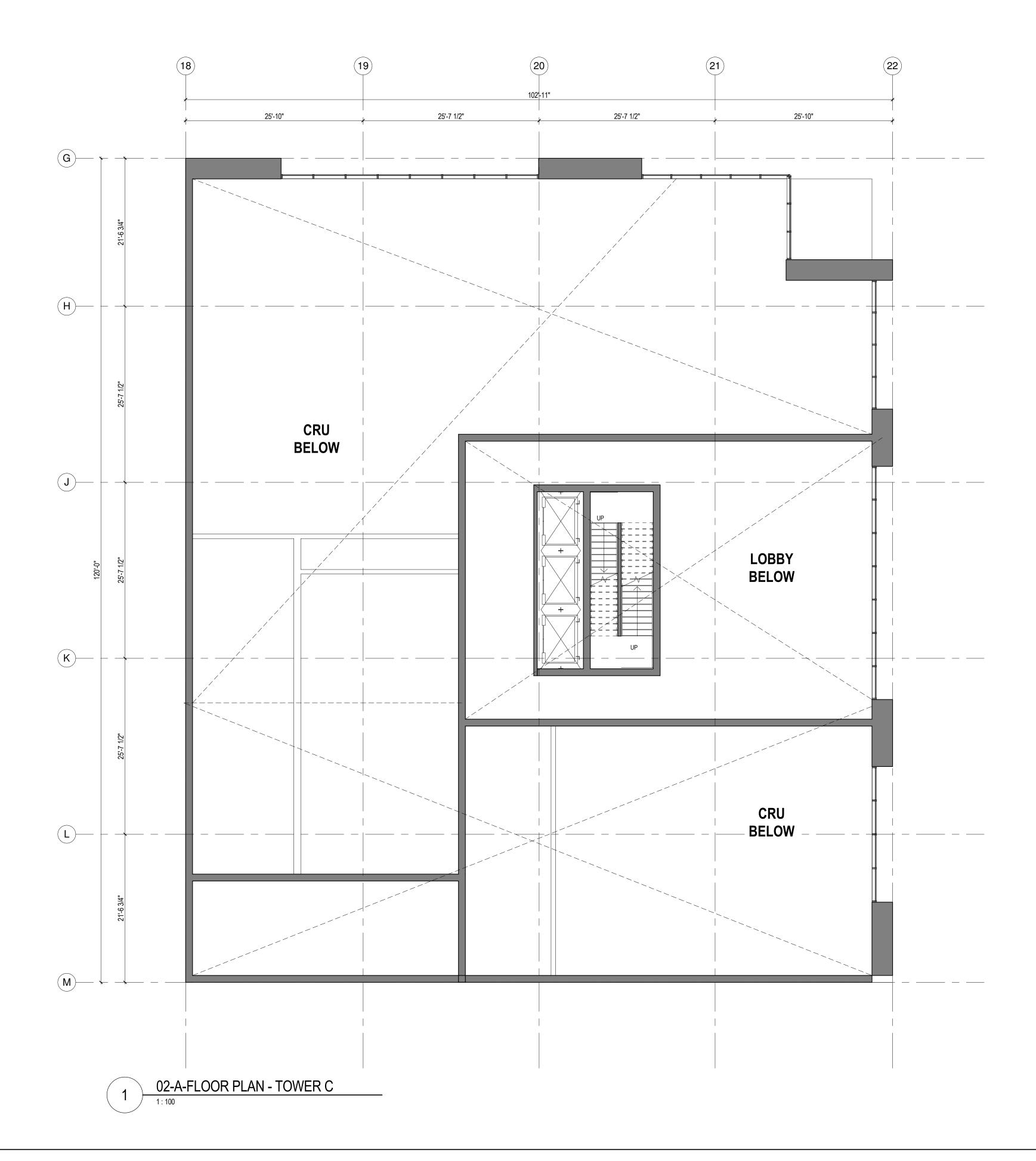


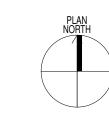


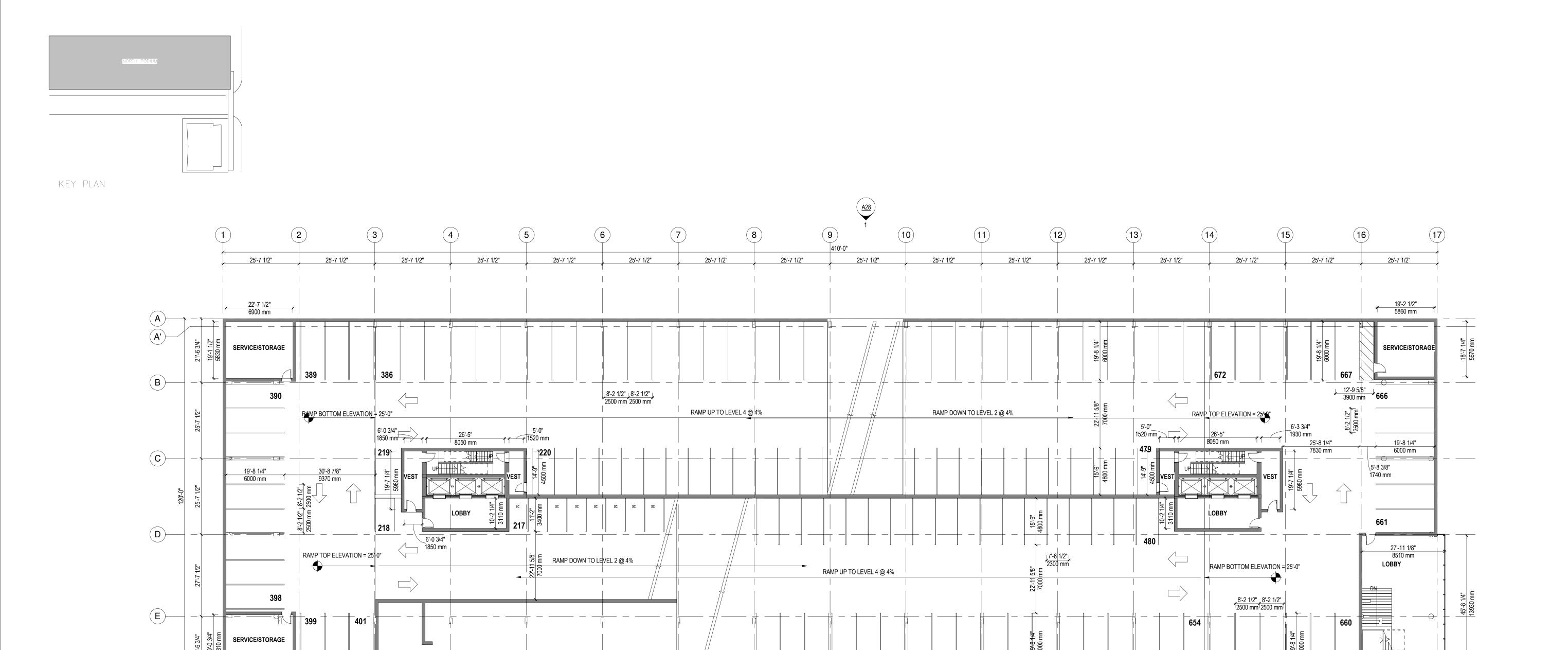


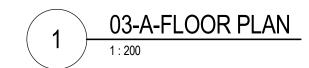




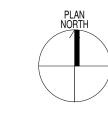




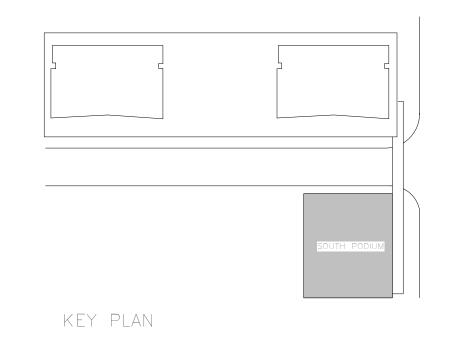


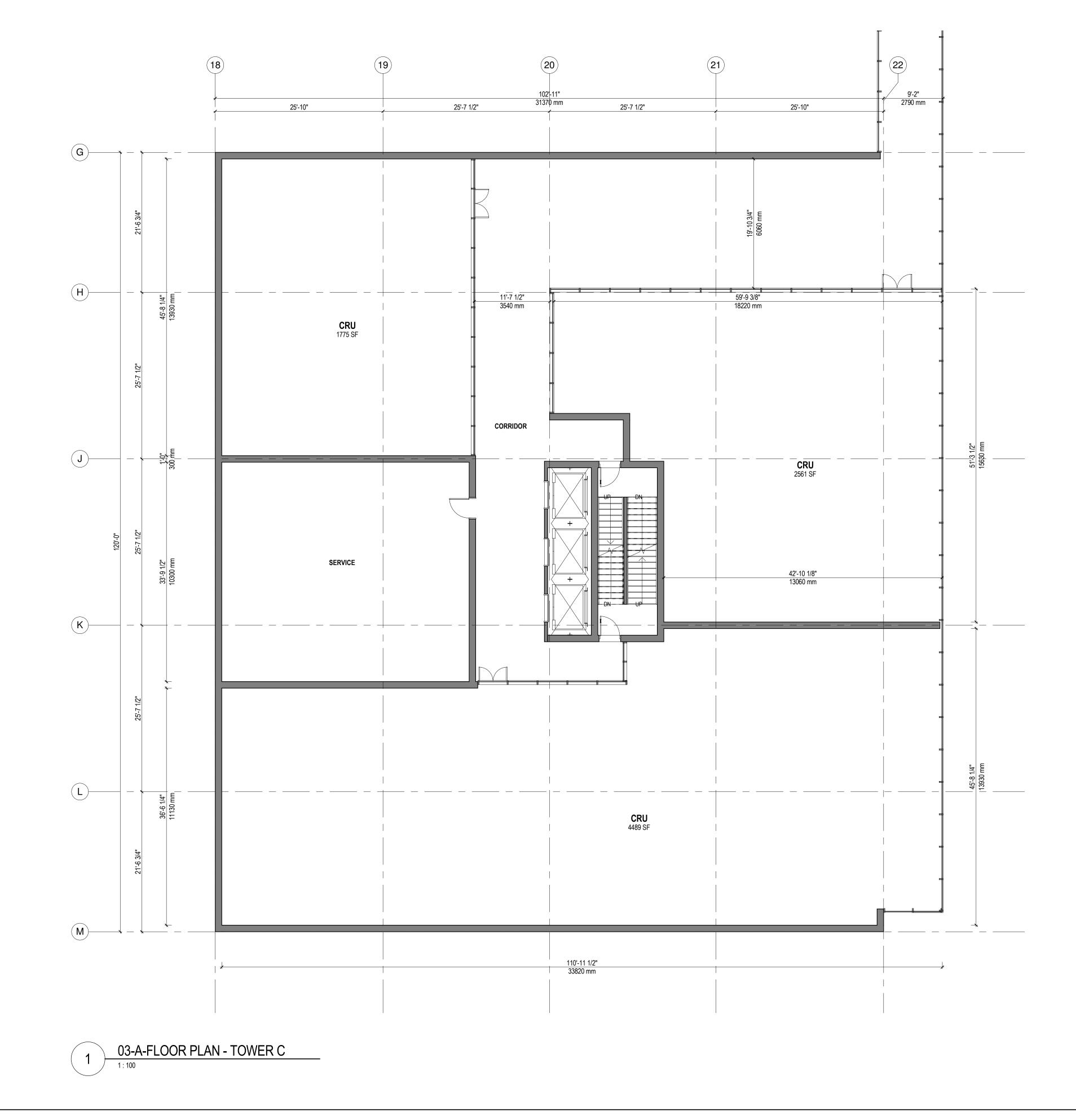




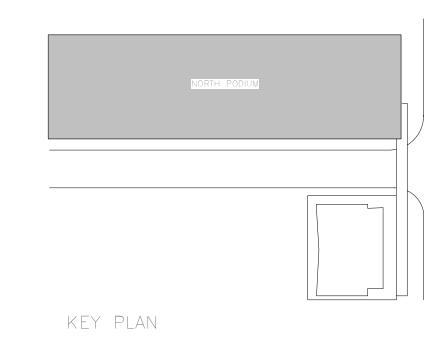


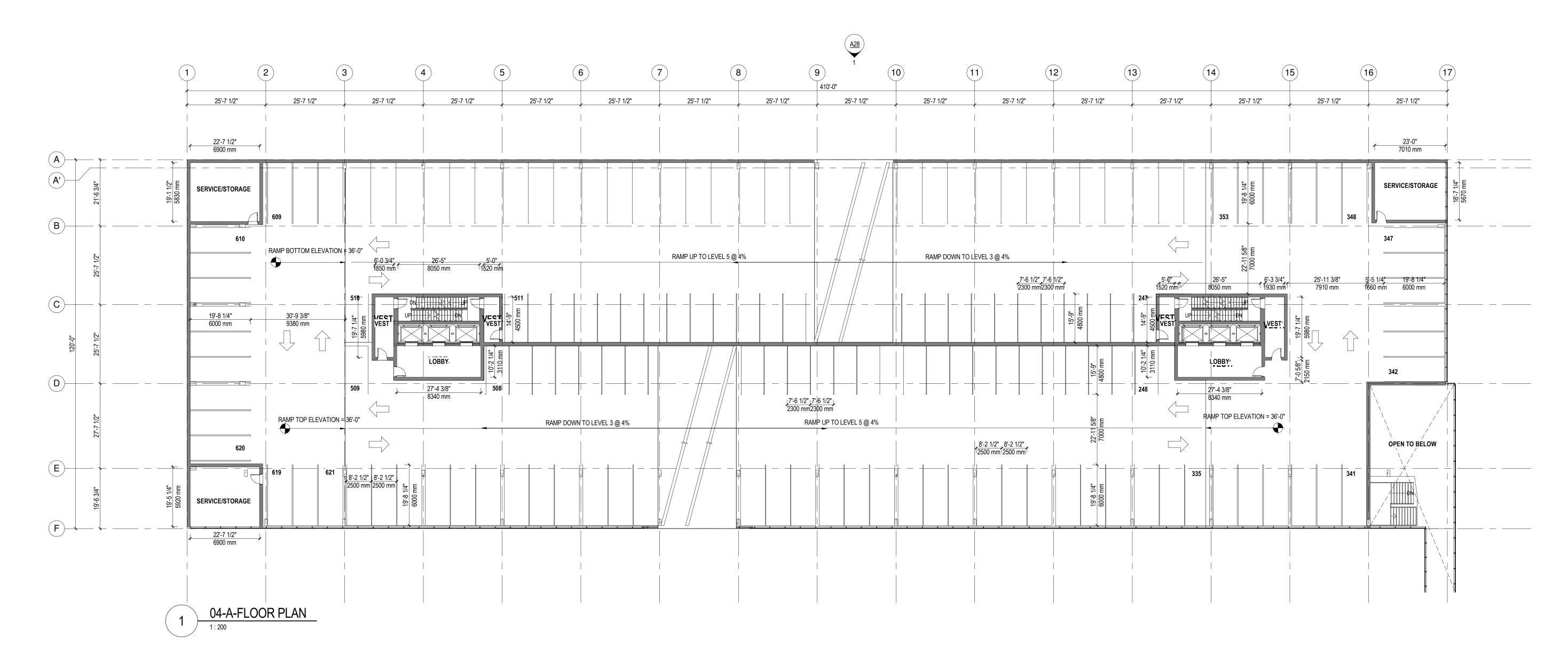
BRIDGE

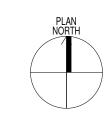


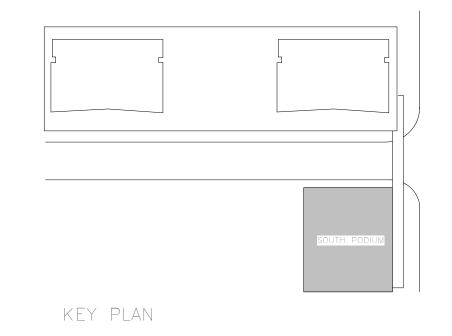


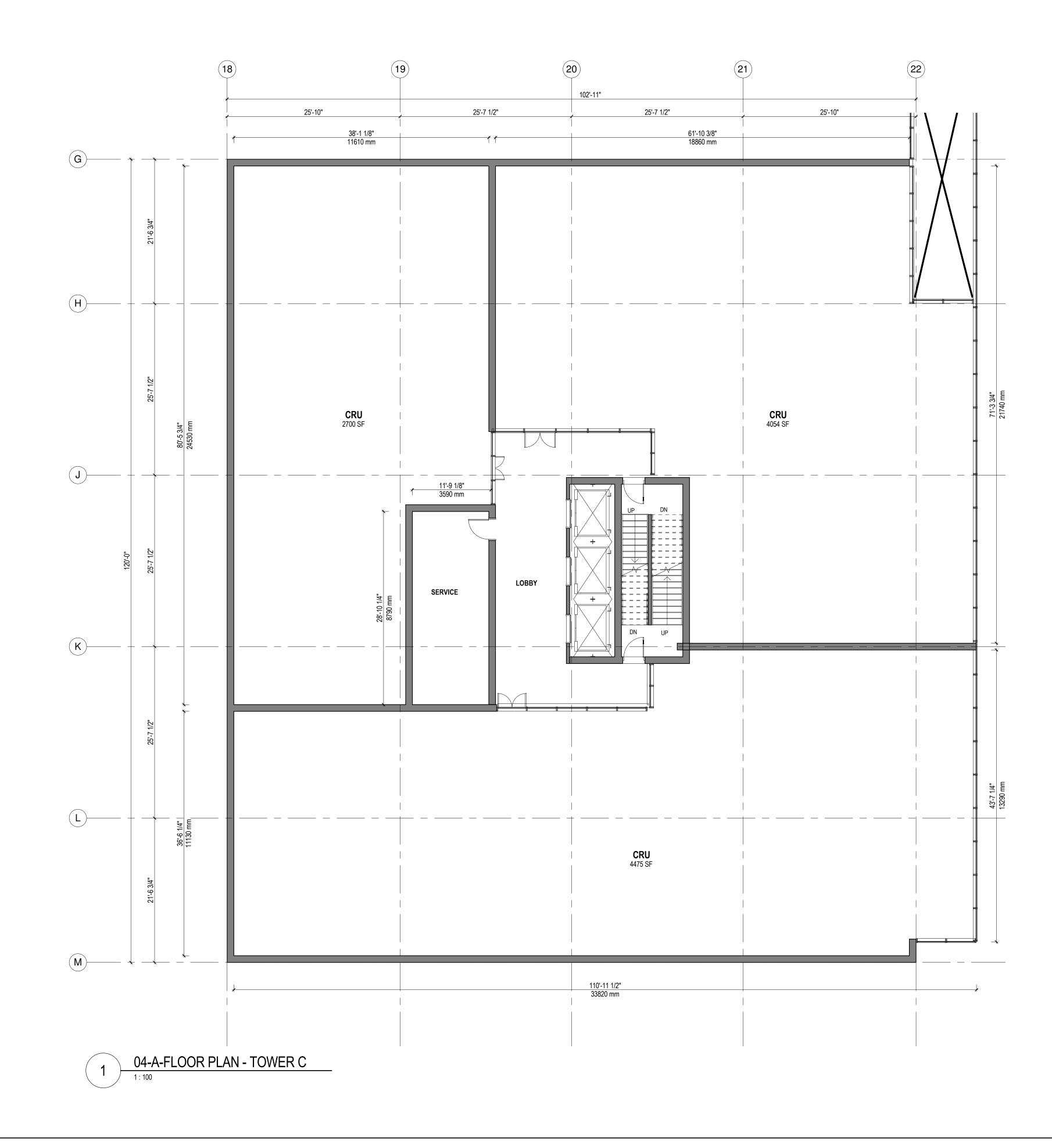
PLAN NORTH

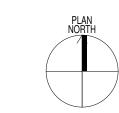


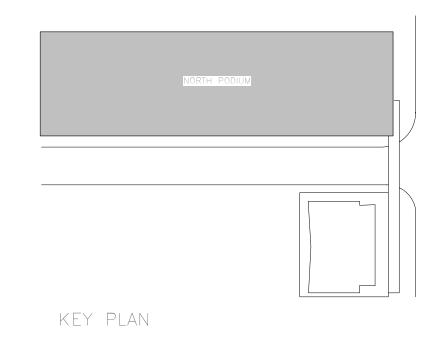


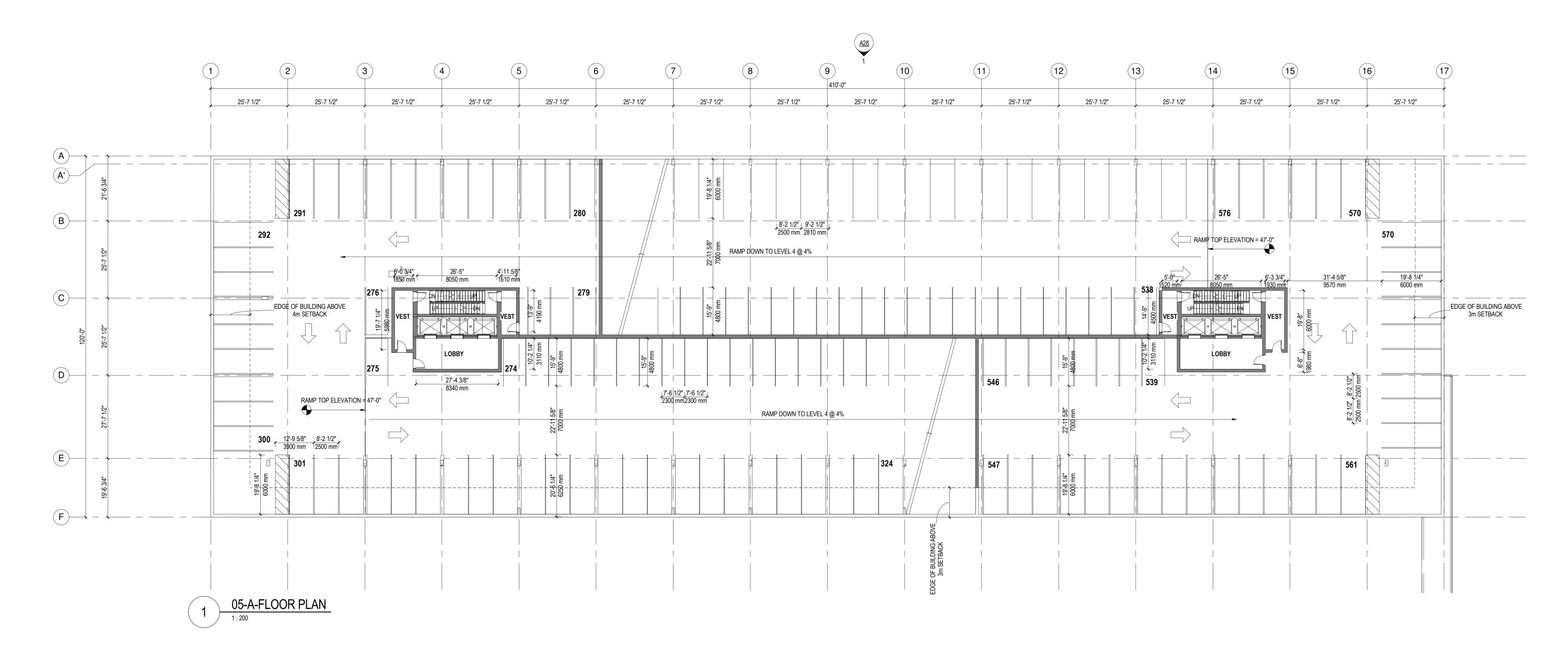


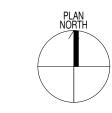


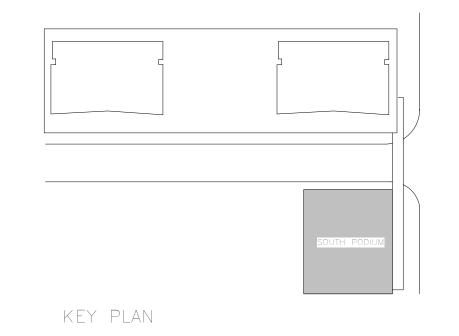


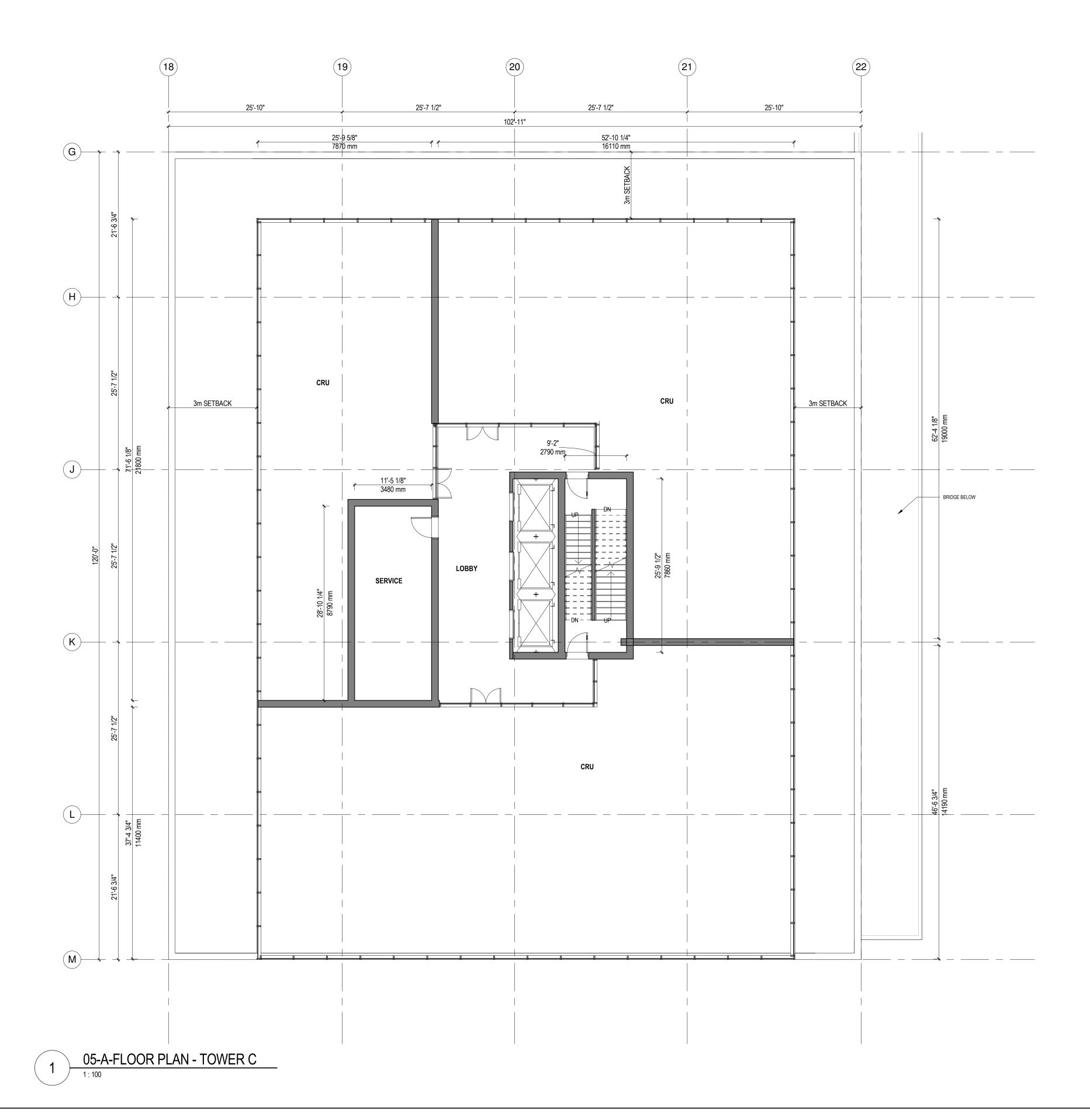




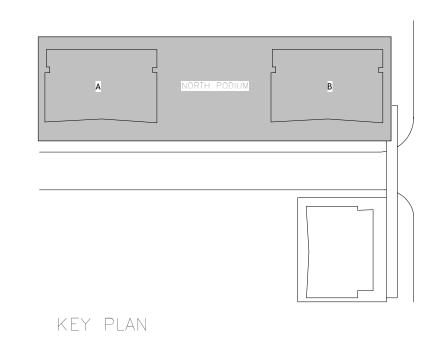


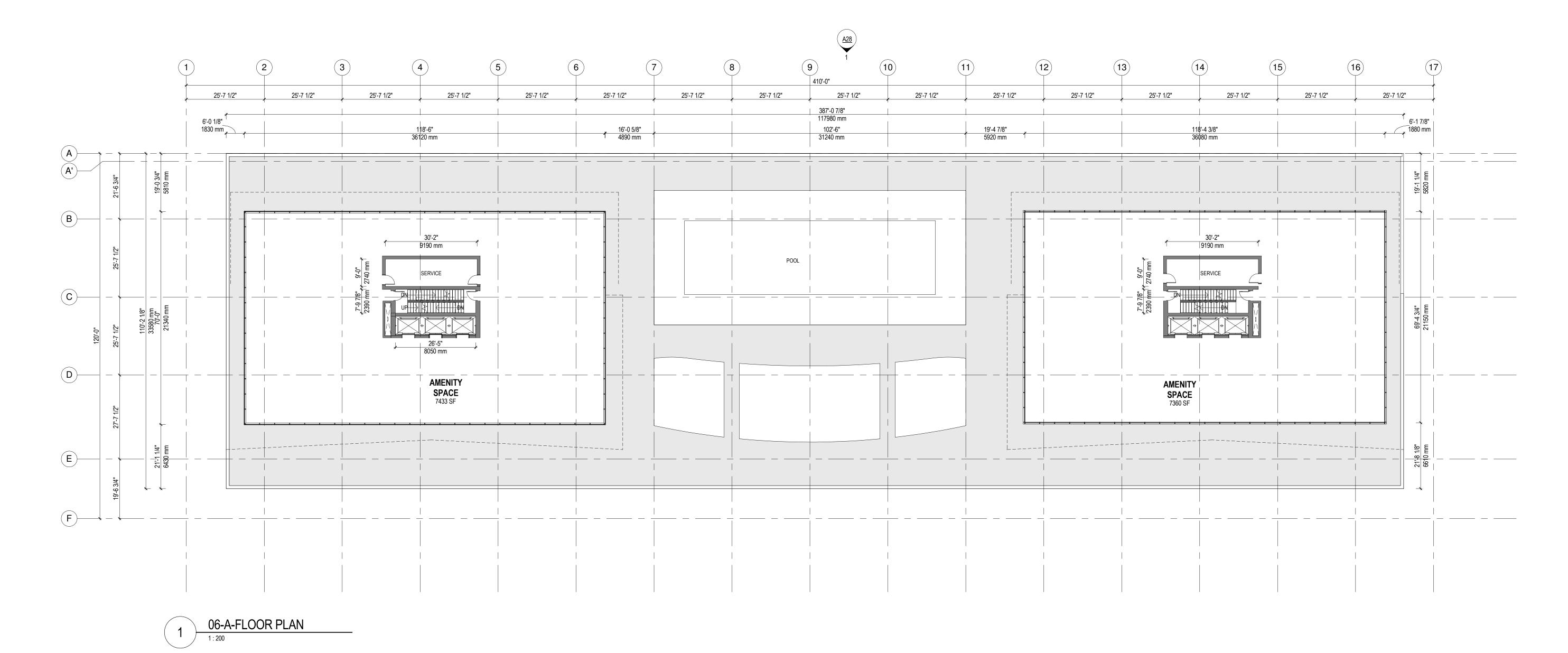


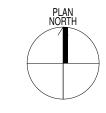


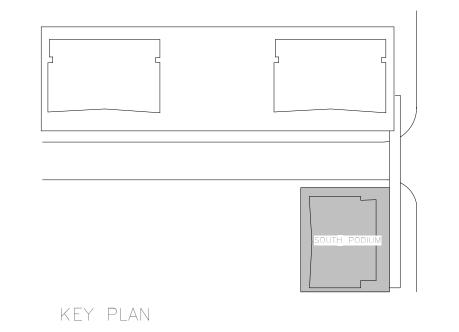


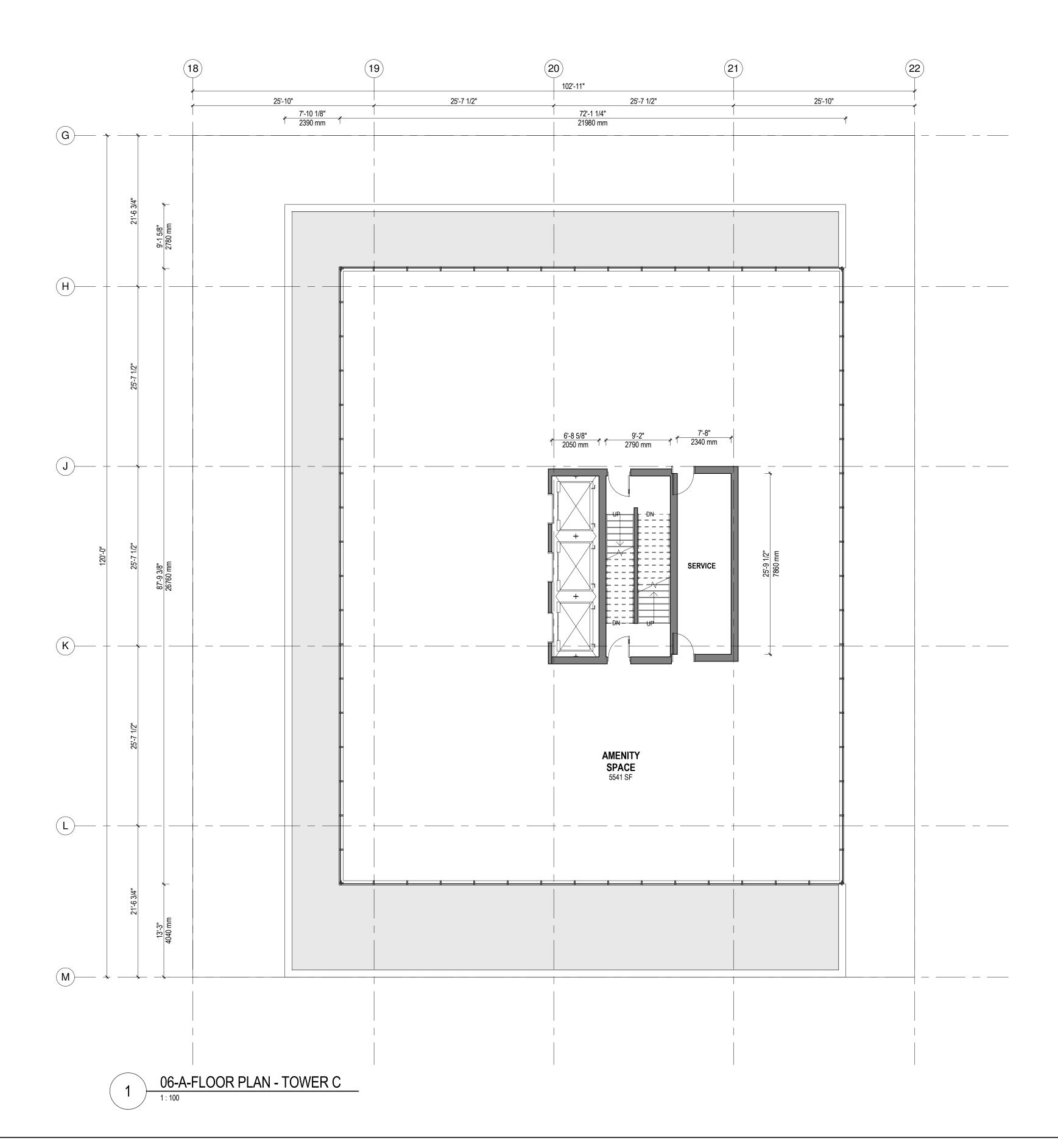
PLAN NORTH

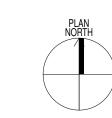


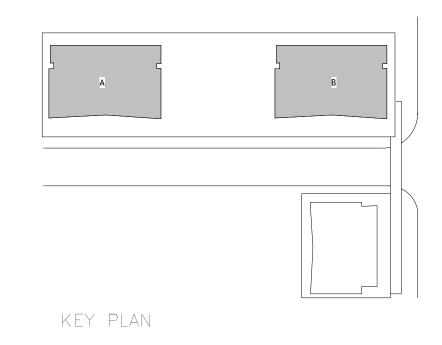


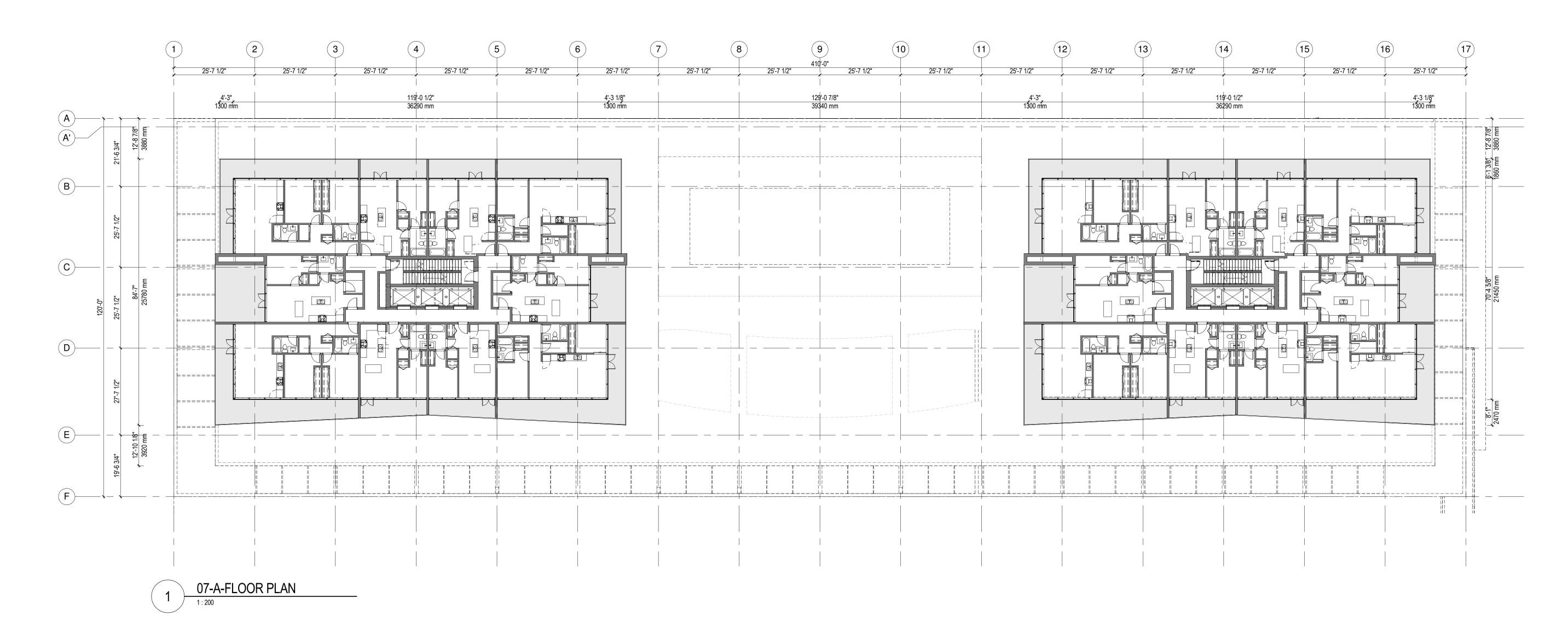




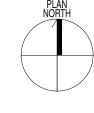


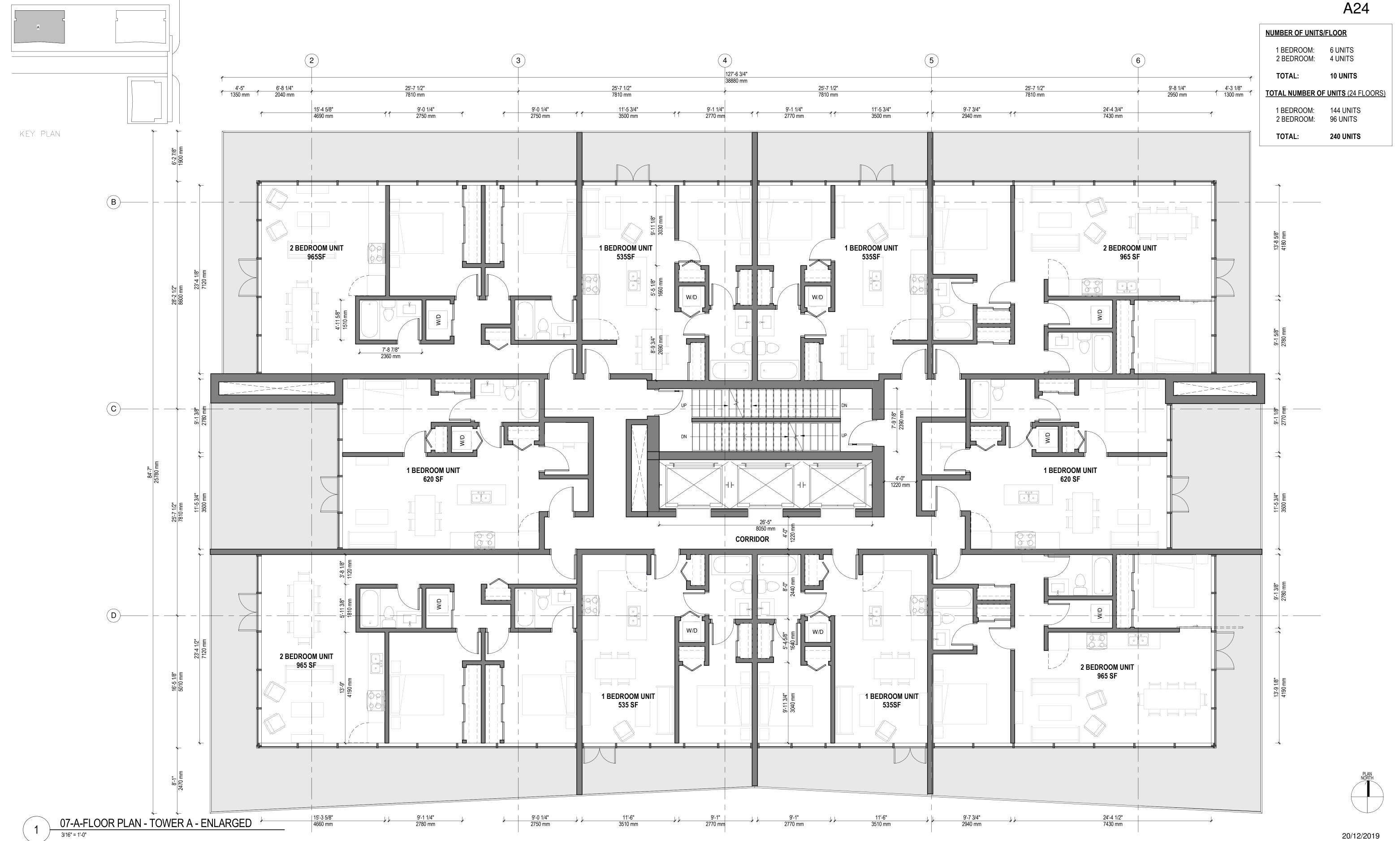




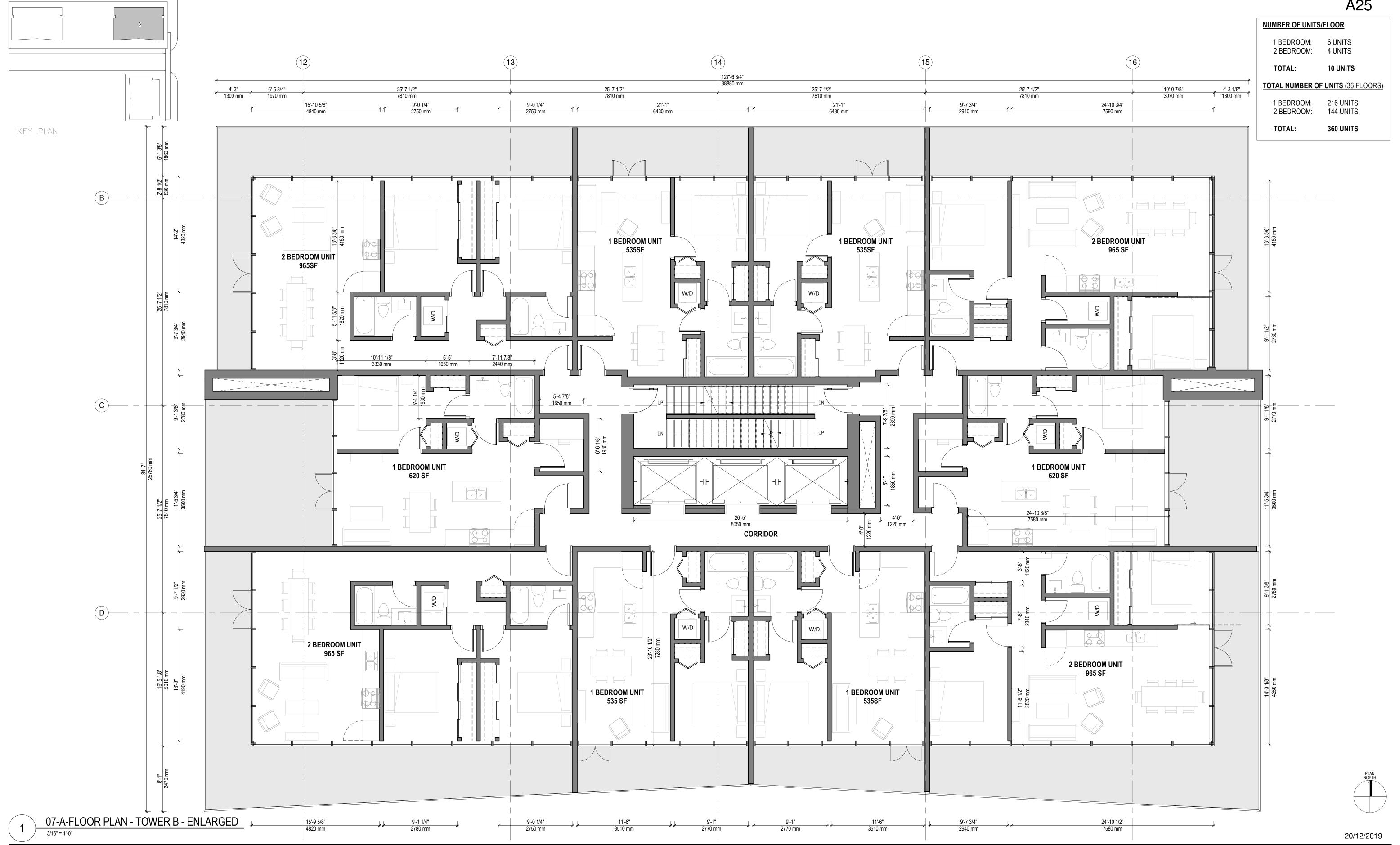


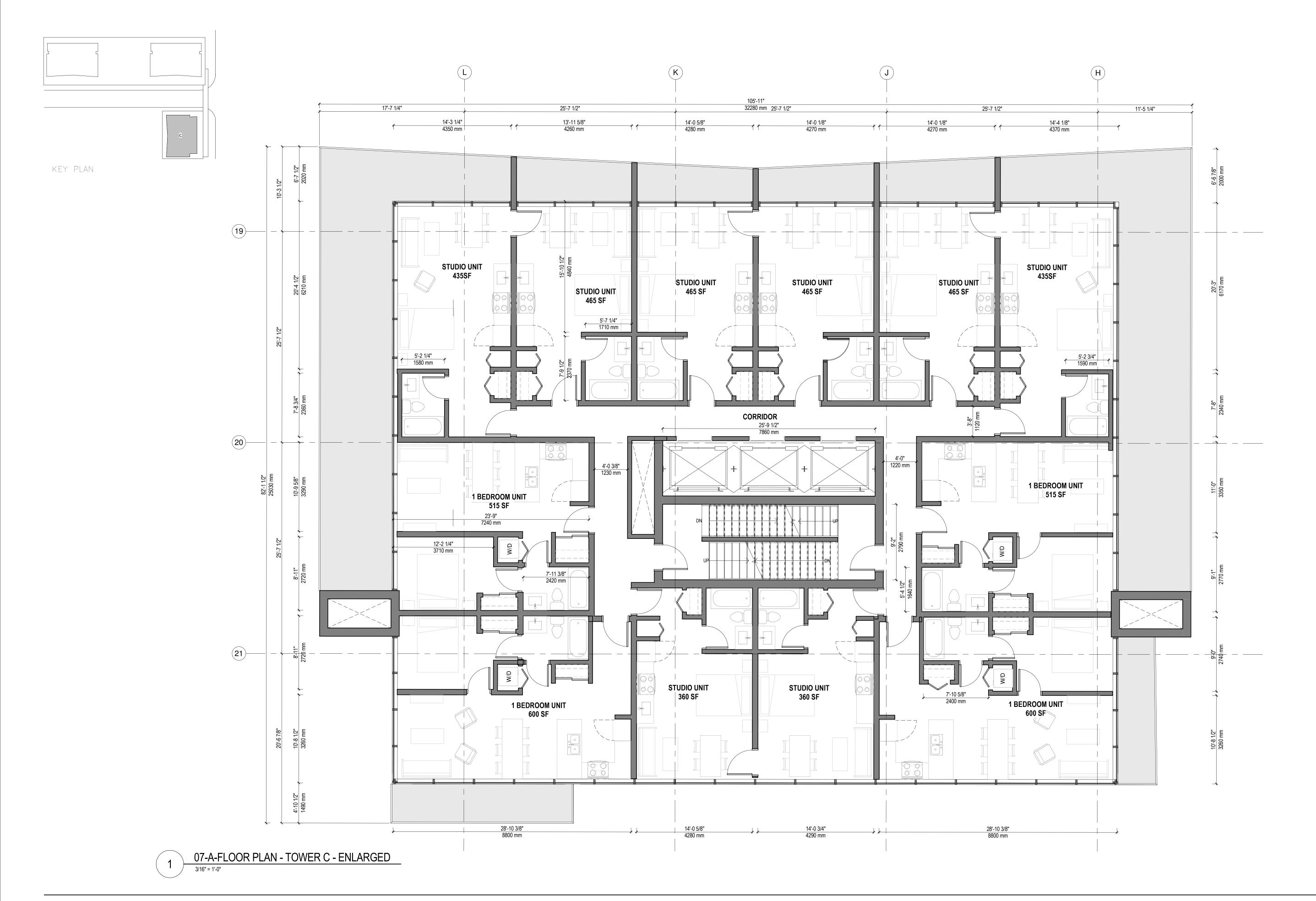












NUMBER OF UNITS/FLOOR

STUDIO: 8 UNITS
1 BEDROOM: 4 UNITS

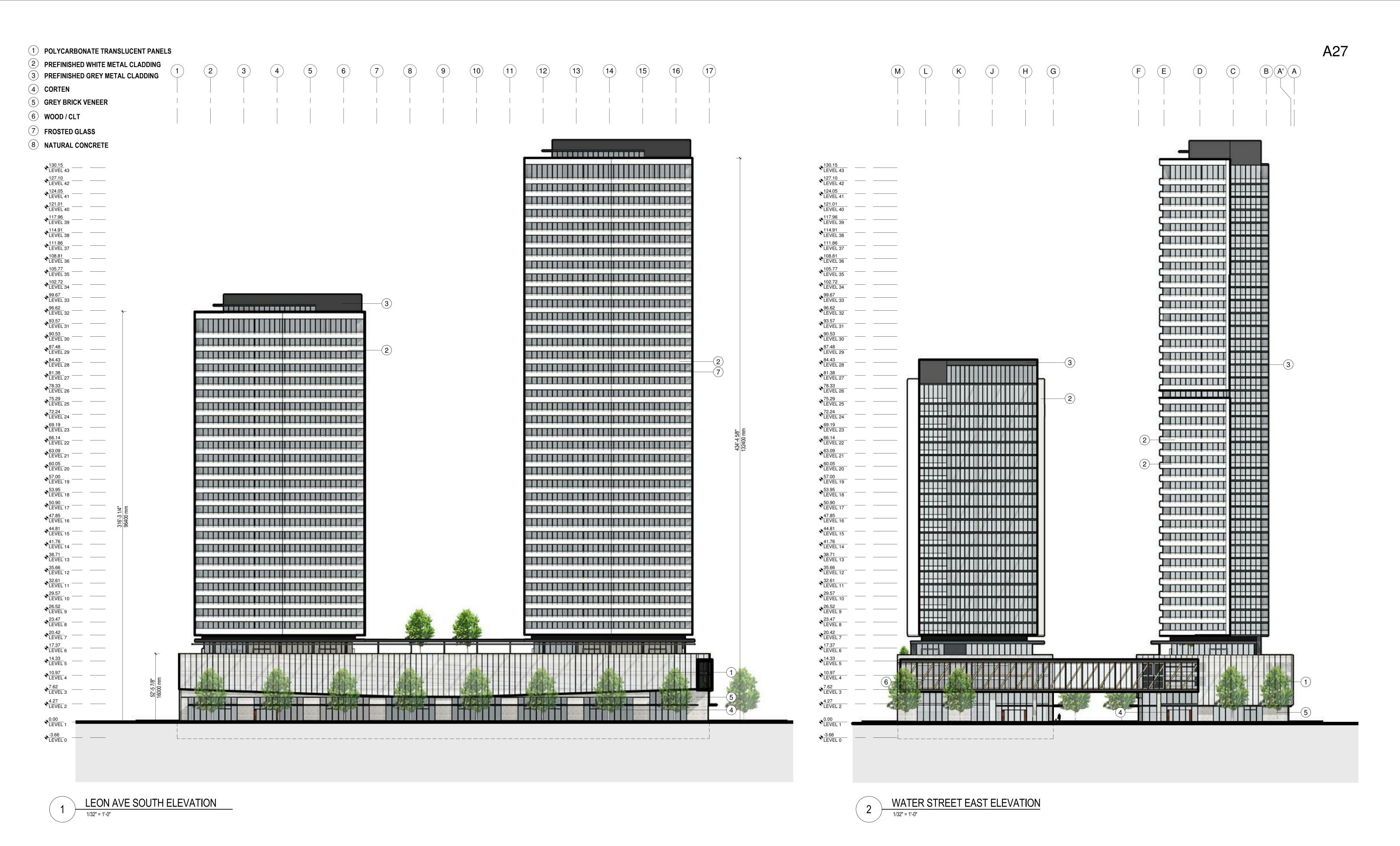
TOTAL: 12 UNITS

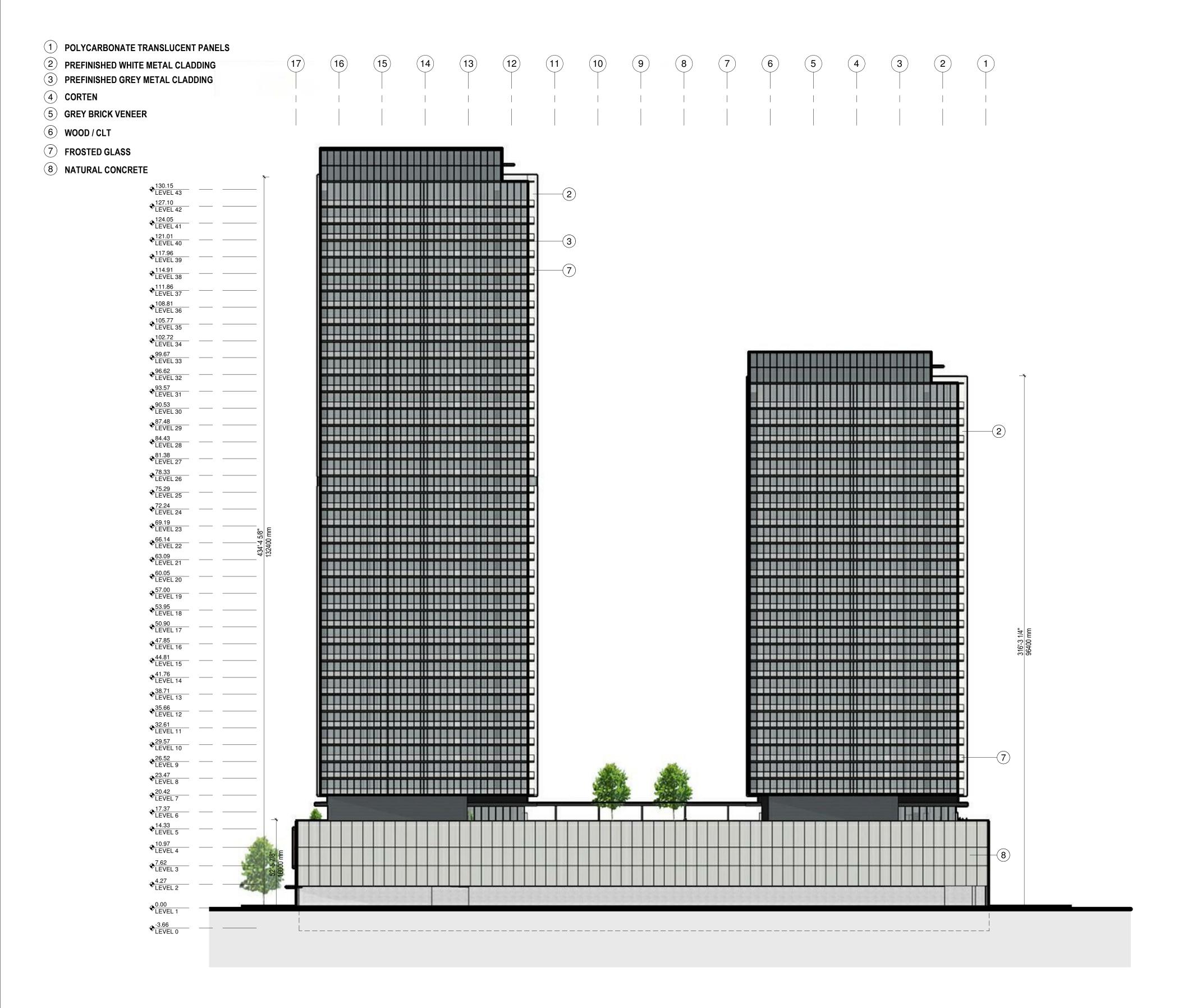
TOTAL NUMBER OF UNITS (18 FLOORS)

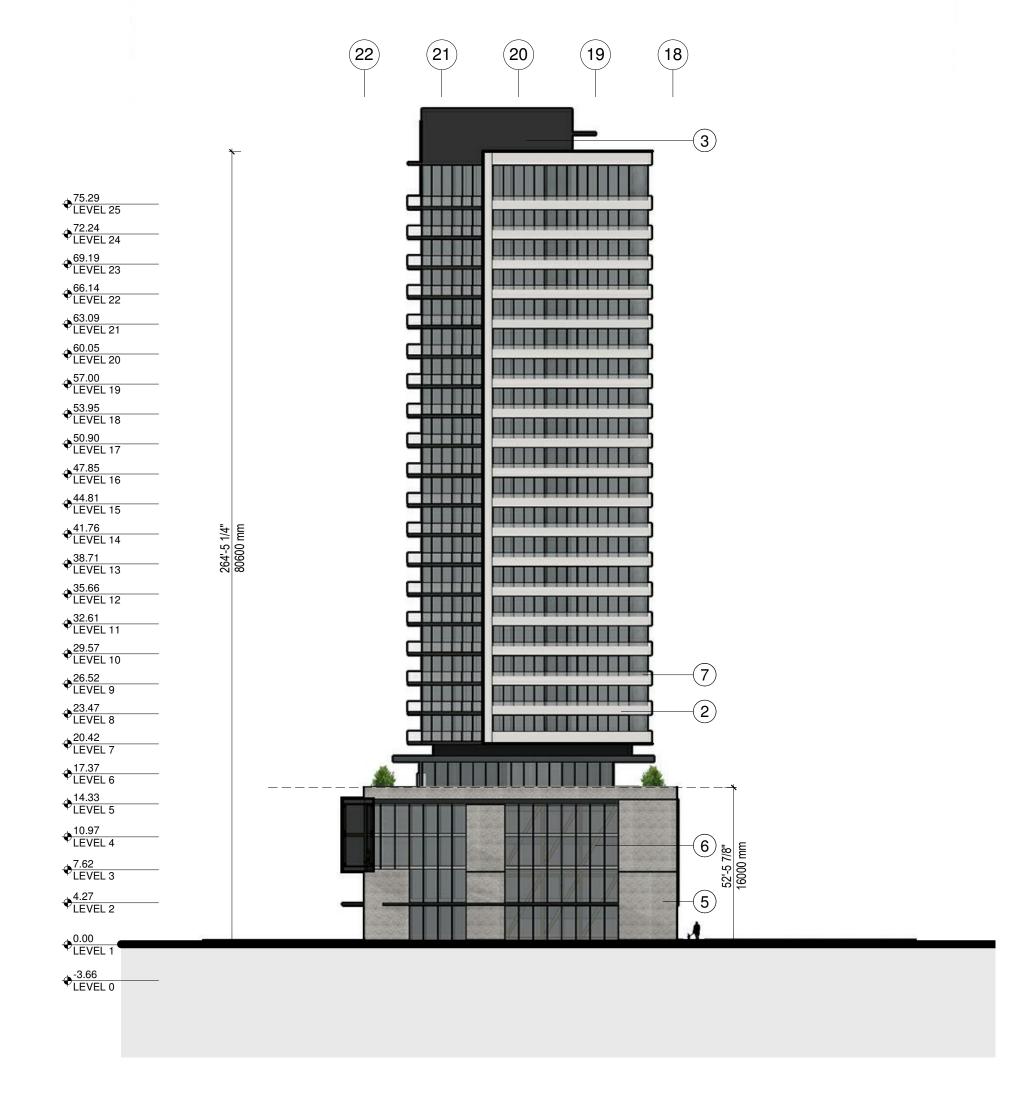
1 BEDROOM: 144 UNITS
2 BEDROOM: 72 UNITS

TOTAL: 216 UNITS

NORTH



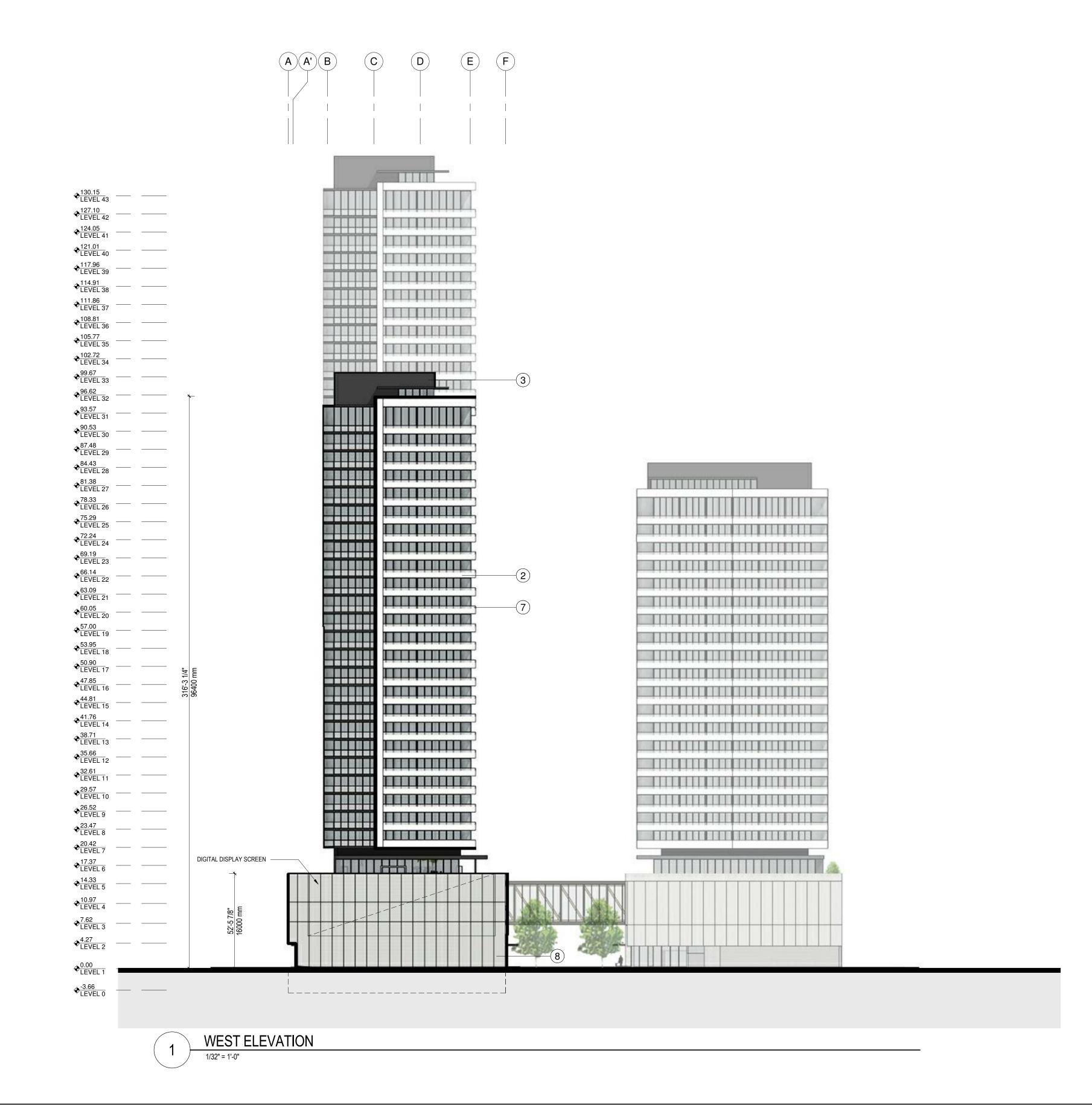


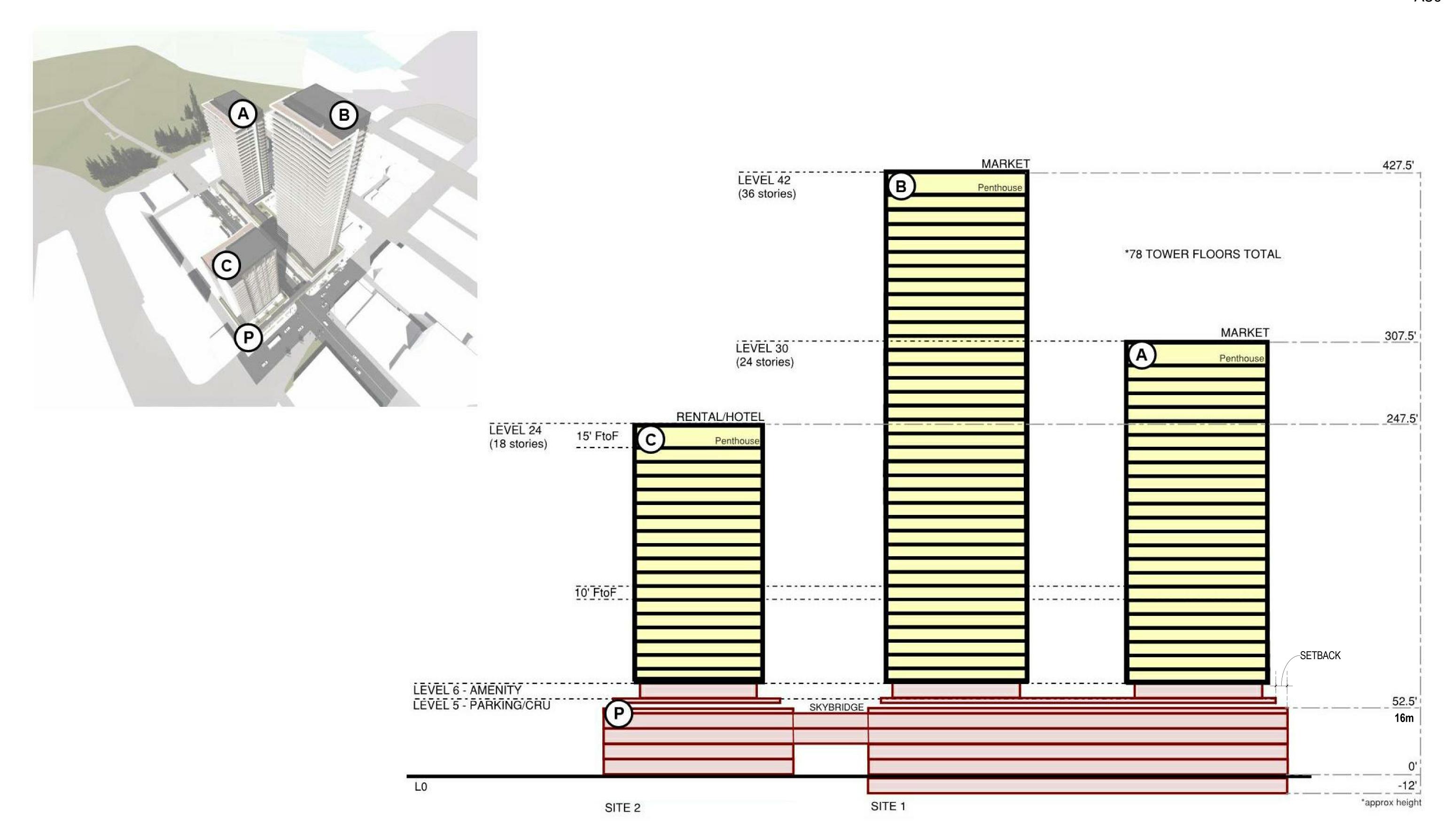






- 1 POLYCARBONATE TRANSLUCENT PANELS
- 2 PREFINISHED WHITE METAL CLADDING
- (3) PREFINISHED GREY METAL CLADDING
- (4) CORTEN
- 5 GREY BRICK VENEER
- 6 WOOD/CLT
- 7 FROSTED GLASS
- 8 NATURAL CONCRETE







NORTH EAST VIEW (CURRENT)



NORTH EAST VIEW (FUTURE)



NORTH VIEW (CURRENT)



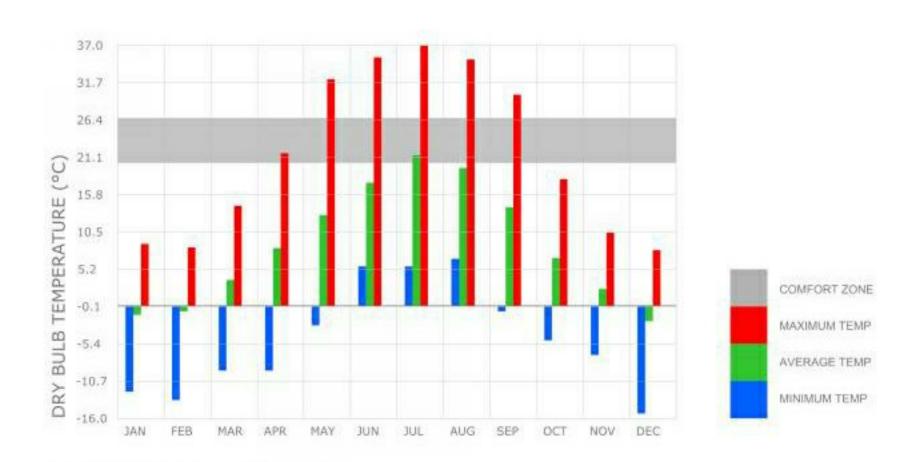
NORTH VIEW (FUTURE)

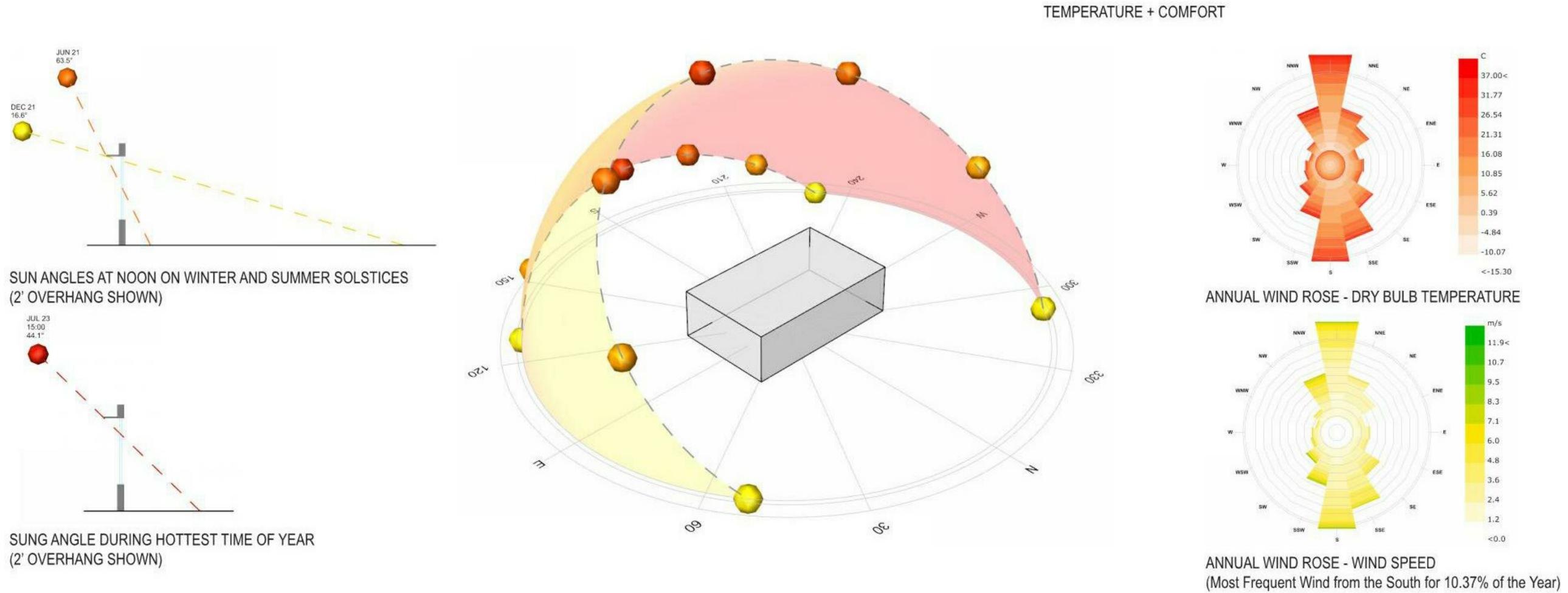


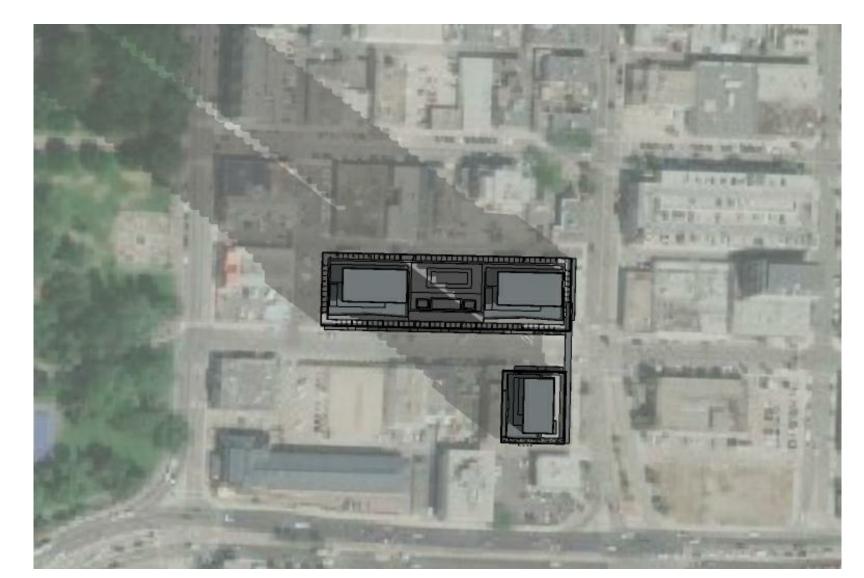
NORTH VIEW (CURRENT)



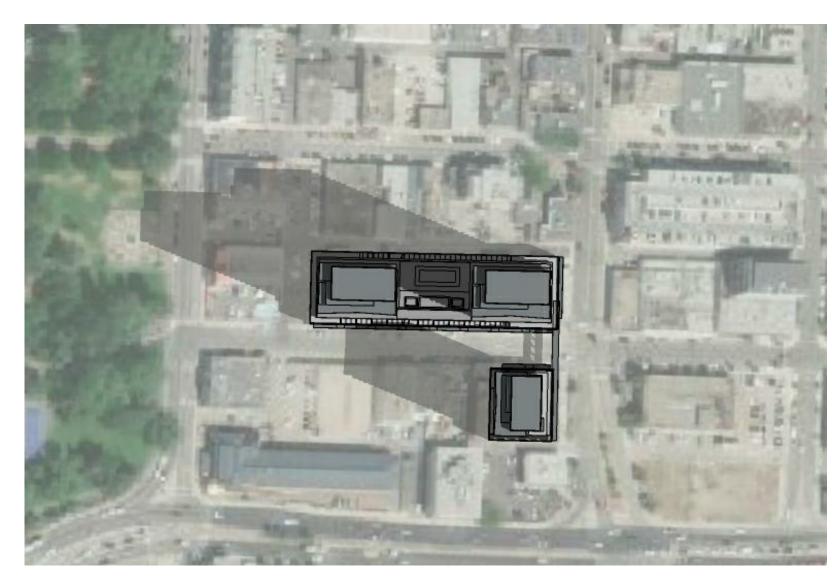
NORTH VIEW (FUTURE)







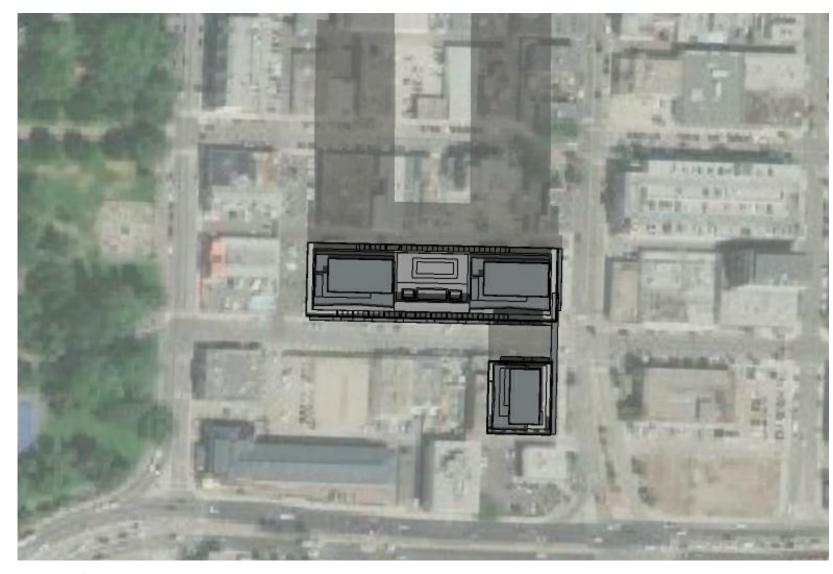
MARCH 21 - 9:00PM



JUNE 21 - 9:00PM



**DECEMBER 21 - 9:00PM** 



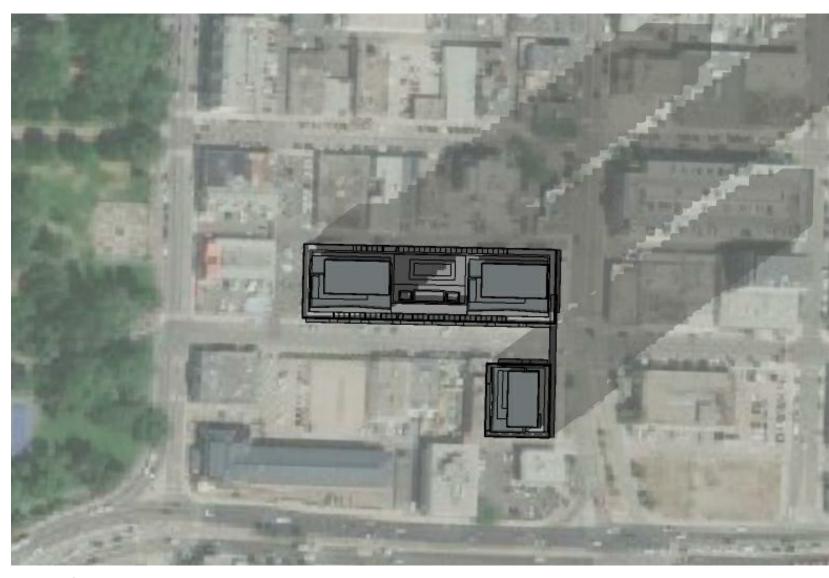
MARCH 21 - 12:00PM



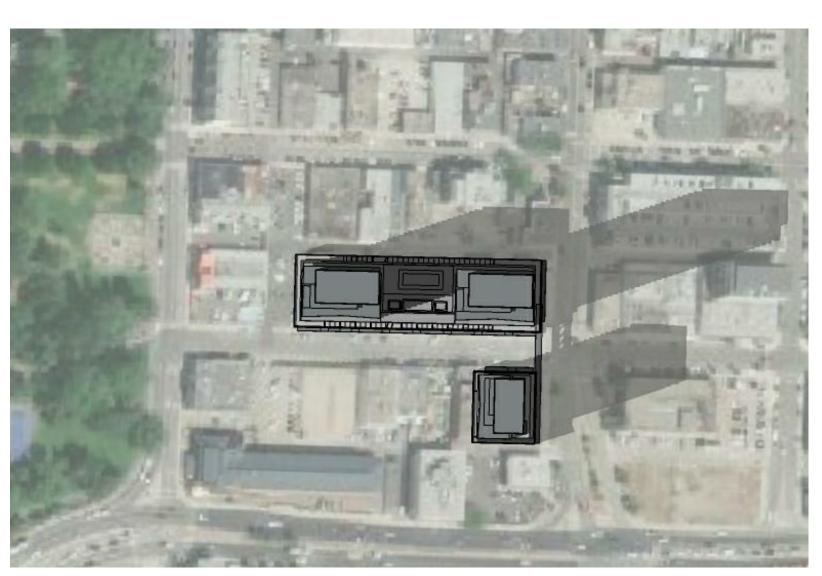
JUNE 21 - 12:00PM



**DECEMBER 21 - 12:00PM** 



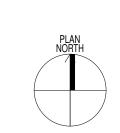
MARCH 21 - 3:00PM

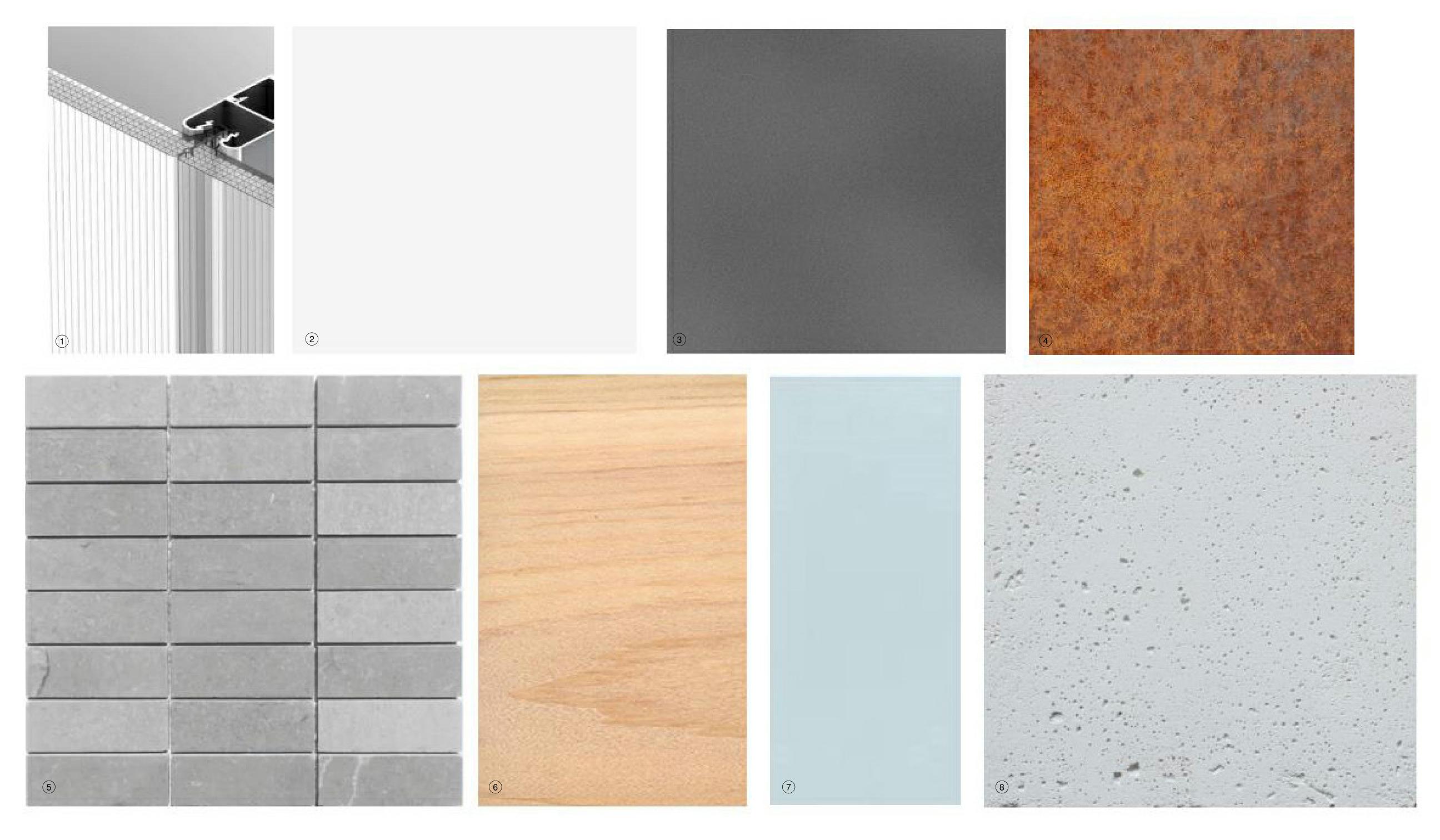


JUNE 21 - 3:00PM



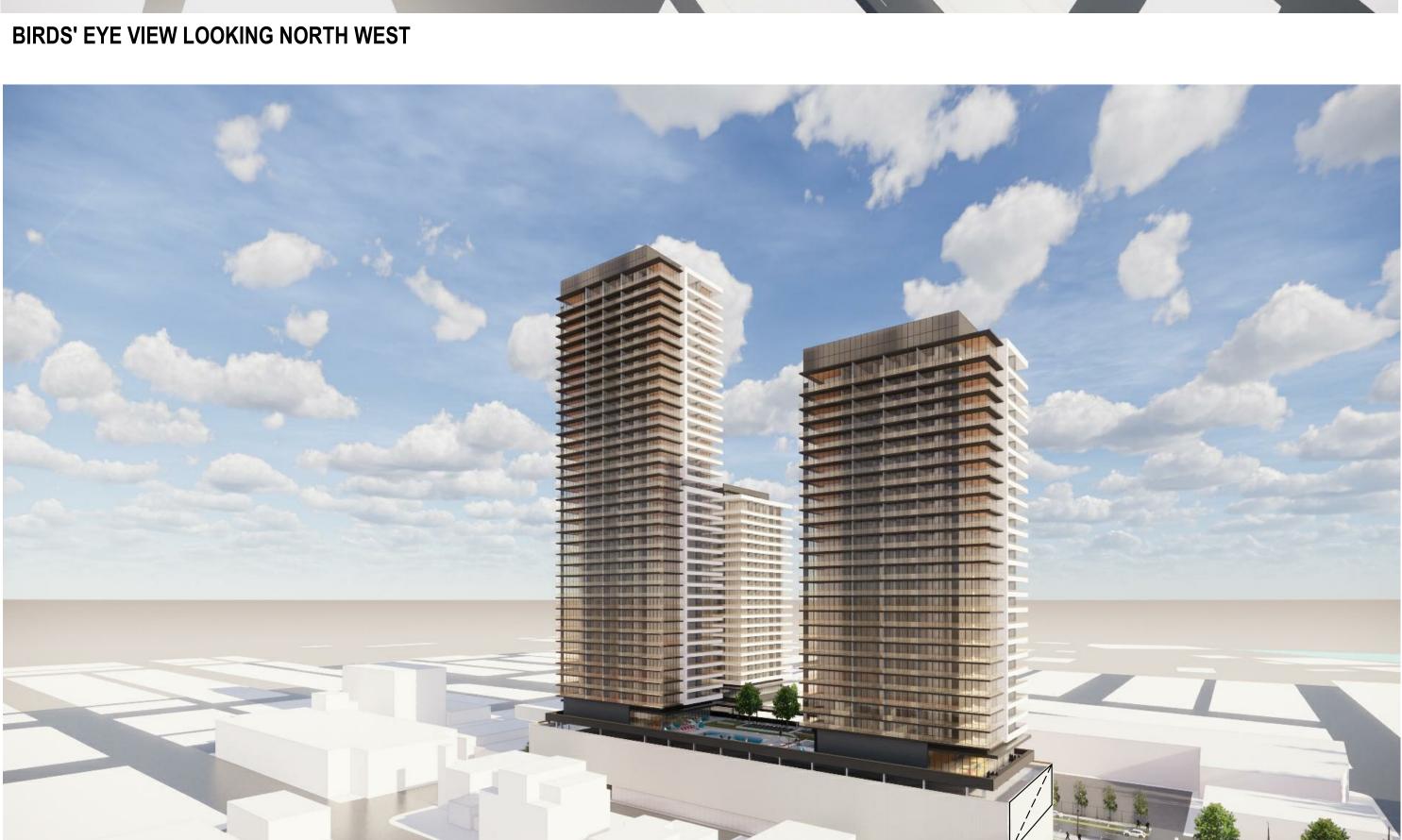
**DECEMBER 21 - 3:00PM** 





- 1 POLYCARBONATE TRANSLUCENT PANELS
- 2 PREFINISHED WHITE METAL CLADDING
  3 PREFINISHED GREY METAL CLADDING
- 4 CORTEN
- 5 GREY BRICK VENEER
- 6 WOOD / CLT
- 7 FROSTED GLASS
- 8 NATURAL CONCRETE





BIRDS' EYE VIEW LOOKING SOUTH EAST



BIRDS' EYE VIEW LOOKING SOUTH WEST



**BIRDS' EYE VIEW LOOKING NORTH** 



**LEON AVE VIEW LOOKING WEST** 



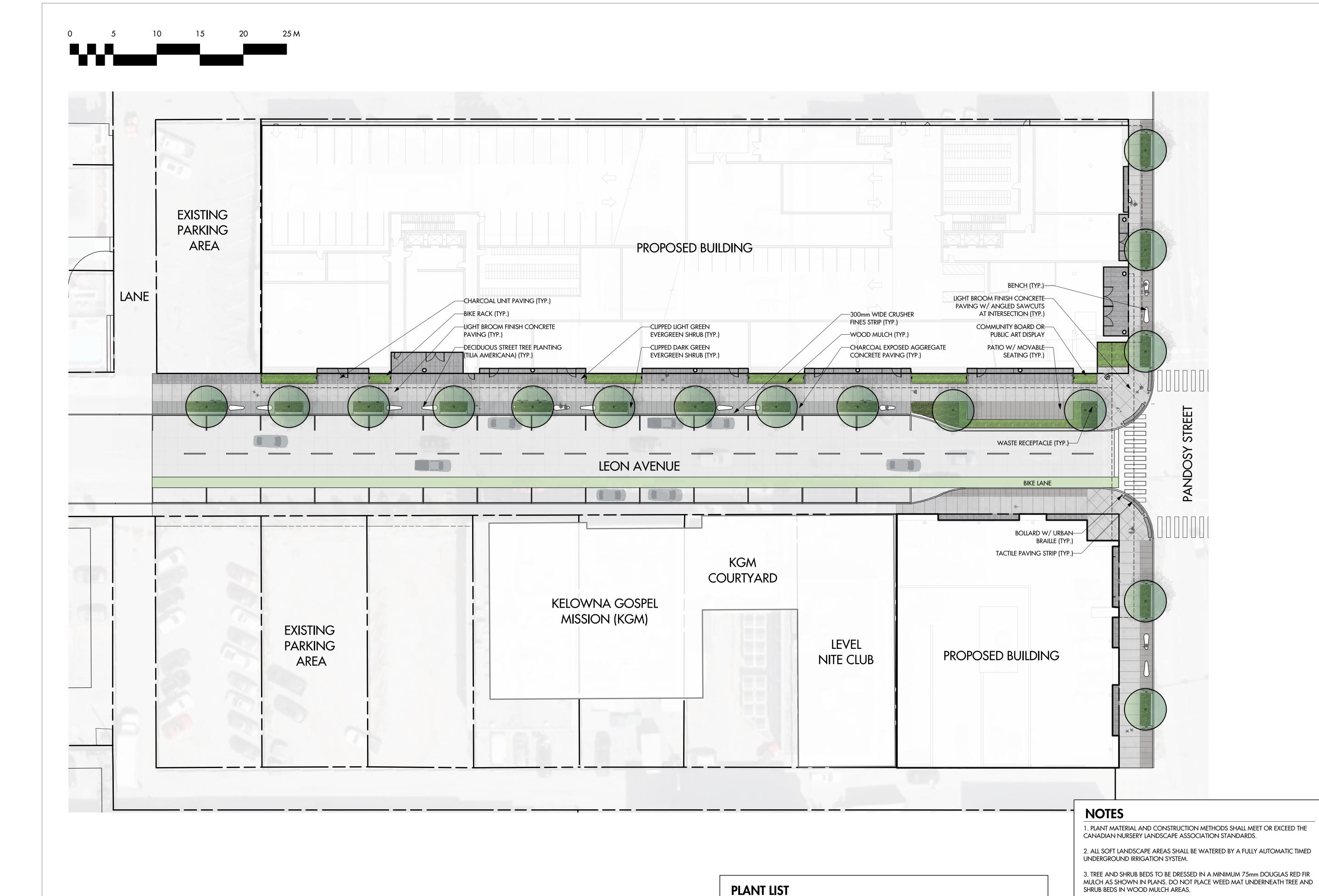
**KELOWNA PARK VIEW LOOKING EAST** 



WATER STREET VIEW LOOKING NORTH WEST



**BIRDS' EYE VIEW LOOKING NORTH EAST** 



**BOTANICAL NAME** 

TILIA AMERICANA

BUXUS 'NORTH STAR'

LIGUSTRUM VULGARE 'LODENSE' LODENSE PRIVET

SHRUBS

COMMON NAME

AMERICAN LINDEN

NORTH STAR BOXWOOD

QTY SIZE/SPACING & REMARKS

#02 CONT. /0.75M O.C. SPACING

#02 CONT. /1.2M O.C. SPACING

16 6cm CAL.

214



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PROJECT TITLE

#### WATER STREET BY THE PARK

Kelowna, BC

DRAWING TITLE

ISSUED FOR / REVISION

## CONCEPTUAL LANDSCAPE PLAN

<u>-</u> 2	19.12.18	Development Permit	
3			
4			
5			

PROJECT NO	19-077
DESIGN BY	FB
DRAVVN BY	KM
CHECKED BY	FB
DATE	DEC. 18, 2019
SCALE	1:100
PAGE SIZE	24"x36"

SEA



DRAWING NUMBER

4. TREE AND SHRUB BEDS TO RECEIVE A MINIMUM 300mm DEPTH TOPSOIL

5. SITE GRADING AND DRAINAGE WILL ENSURE THAT ALL STRUCTURES HAVE POSITIVE DRAINAGE AND THAT NO WATER OR LOOSE IMPEDIMENTS WILL BE

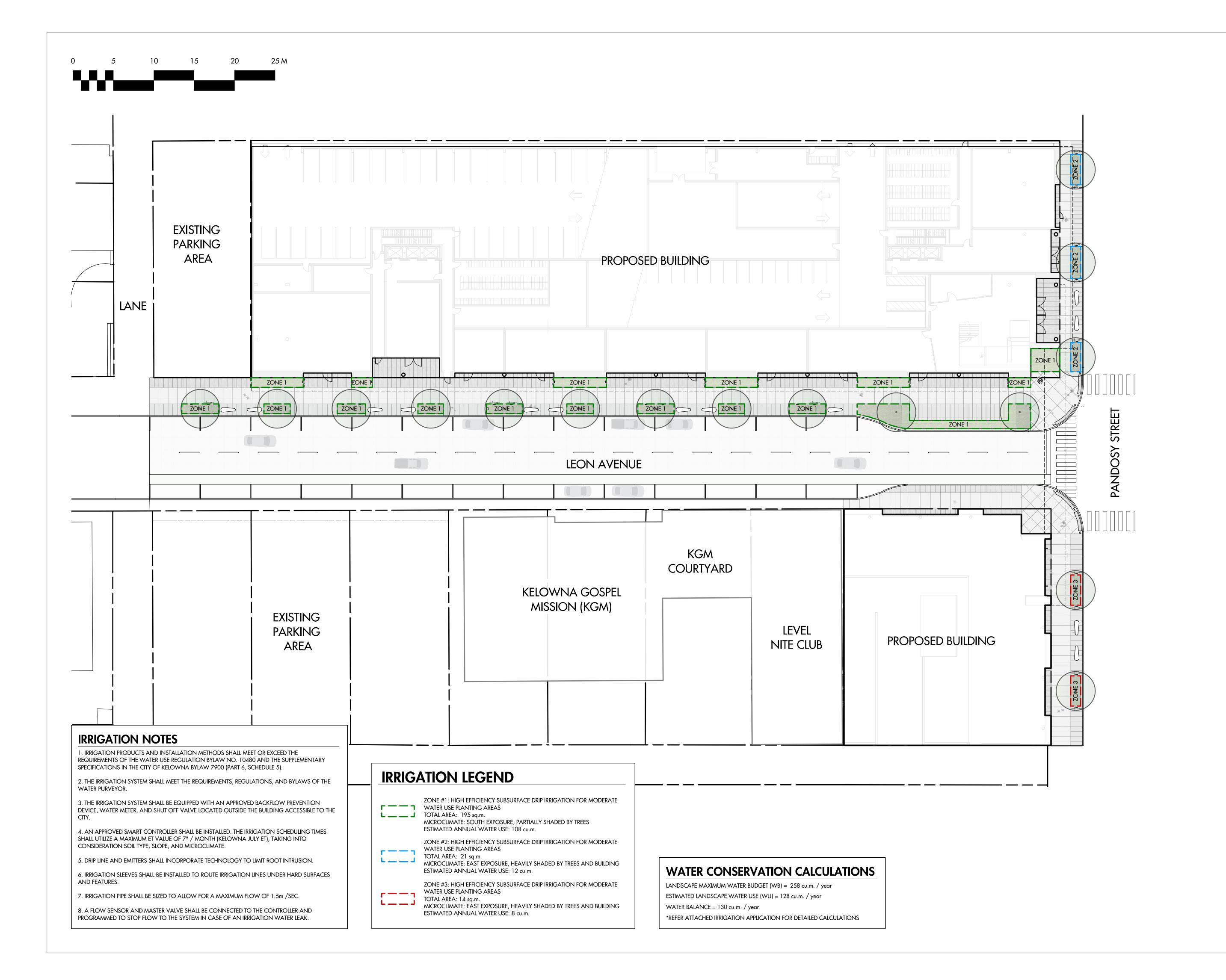
DISCHARGED FROM THE LOT ONTO ADJACENT PUBLIC, COMMON, OR PRIVATE

PLACEMENT.

PROPERTIES.

L 1/4

ISSUED FOR REVIEW ONLY





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PROJECT TITLE

#### WATER STREET BY THE PARK

Kelowna, BC

DRAWING TITLE

### WATER CONSERVATION/ IRRIGATION PLAN

_			
Ī	SSU	ed for / revision	
	1	19.12.18	Development Permit
-	2		
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PROJECT NO	19-077
DESIGN BY	FB
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PAGE SIZE	24"x36"

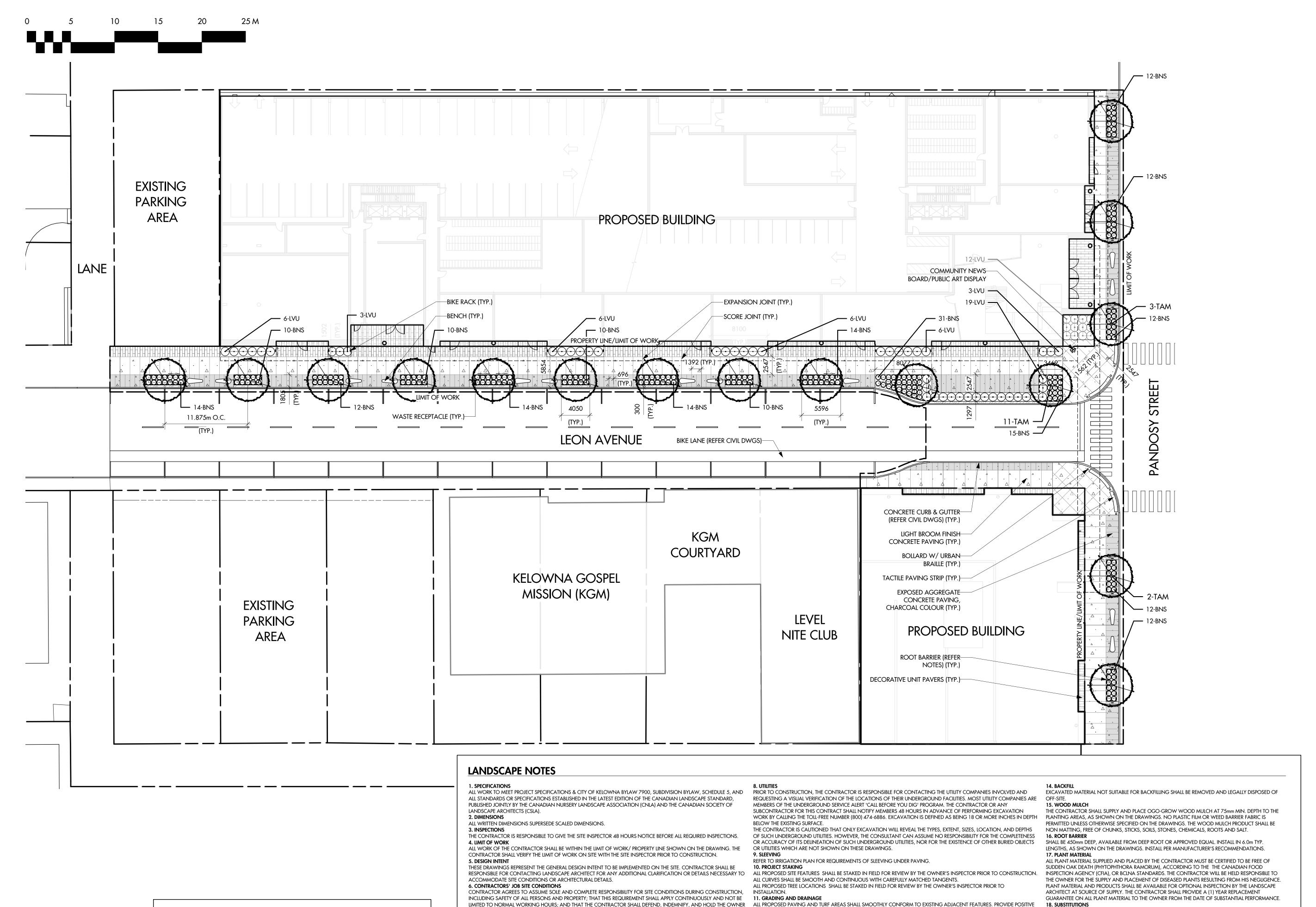
SEA



DRAWING NUMBER

L 2/4

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AND THE LANDSCAPE ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE

COMPILED FROM THE TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS, AND OTHER

DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR

PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND

CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE SHEET IS

INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME. ARCHITECT.

THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS 13. GROWING MEDIUM PLACEMENT

OWNER OR THE LANDSCAPE

7. COMPOSITE BASE SHEET

DRAINAGE ON ALL PAVING AND THROUGHOUT ALL TURF & PLANTING AREAS.

3.0m APART & EXPANSION JOINTS ARE TO BE A MAXIMM OF 9.0M APART.

KELOWNA'S SUPPLEMENTAL TOPSOIL & FINISH GRADING SPECIFICATIONS.

CONTROL JOINTS WITHIN CONCRETE PAVING ARE TO BE SPACED AS FOLLOWS: SCORE JOINTS ARE TO BE A MAXIMUM OF

GROWING MEDIUM SHALL BE PLACED AT 300mm MIN. DEPTH IN ALL PLANTING AREAS & 1000mm MIN. DEPTH IN ALL TREE PITS,

AS SHOWN ON DRAWINGS UNLESS OTHERWISE NOTED. EXTEND LENGTH OF TREE TO PIT TO ACHIEVE REQUIRED GROWING

GROWING MEDIUM TO MEET PROPERTIES FOR TREE PITS & LOW TRAFFIC LAWN AREAS, AS PER TABLE 2 IN THE CITY OF

MEDIUM VOLUME. CONTRACTOR TO IMPORT GROWING MEDIUM OR SCREEN, AMEND & PLACE STOCKPILED ON-SITE TOPSOIL. 20. TREE LOCATIONS

12. CONTROL JOINTS

**PLANT LIST** 

TAM 16

KEY QTY BOTANICAL NAME

BNS 214 BUXUS 'NORTH STAR'

TILIA AMERICANA

LVU 49 LIGUSTRUM VULGARE 'LODENSE' LODENSE PRIVET

SIZE/SPACING & REMARKS

MEDIUM PER TREE

6cm CAL. /8cu.m OF GROWING

#02 CONT. /0.75M O.C. SPACING

#02 CONT. /1.2M O.C. SPACING

**COMMON NAME** 

AMERICAN LINDEN

NORTH STAR BOXWOOD



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PROJECT TITLE

#### WATER STREET BY THE PARK

Kelowna, BC

DDANA/INIC TIT

#### OFFSITE LANDSCAPE PLAN

1330	IED FOR / REVISIC	
1	19.12.18	Developemt Permit
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5		

PROJECT NO	19-077
DESIGN BY	FB
DRAWN BY	KM
CHECKED BY	FB
DATE	DEC. 18, 2019
SCALE	1:100
PAGE SIZE	24"x36"

SEAL



DRAWING NUMBER

THE CONTRACTOR SHALL NOT SUBSTITUTE PLANT MATERIAL OR PRODUCTS WITHOUT THE WRITTEN

LIMITS OF THE CONTRACT. FURNISH AND INSTALL ALL PLANTS SHOWN SCHEMATICALLY ON THE

AND REPLACEMENT OF ANY UNAPPROVED SUBSTITUTIONS.

DRAWINGS.

PRIOR TO INSTALLATION.

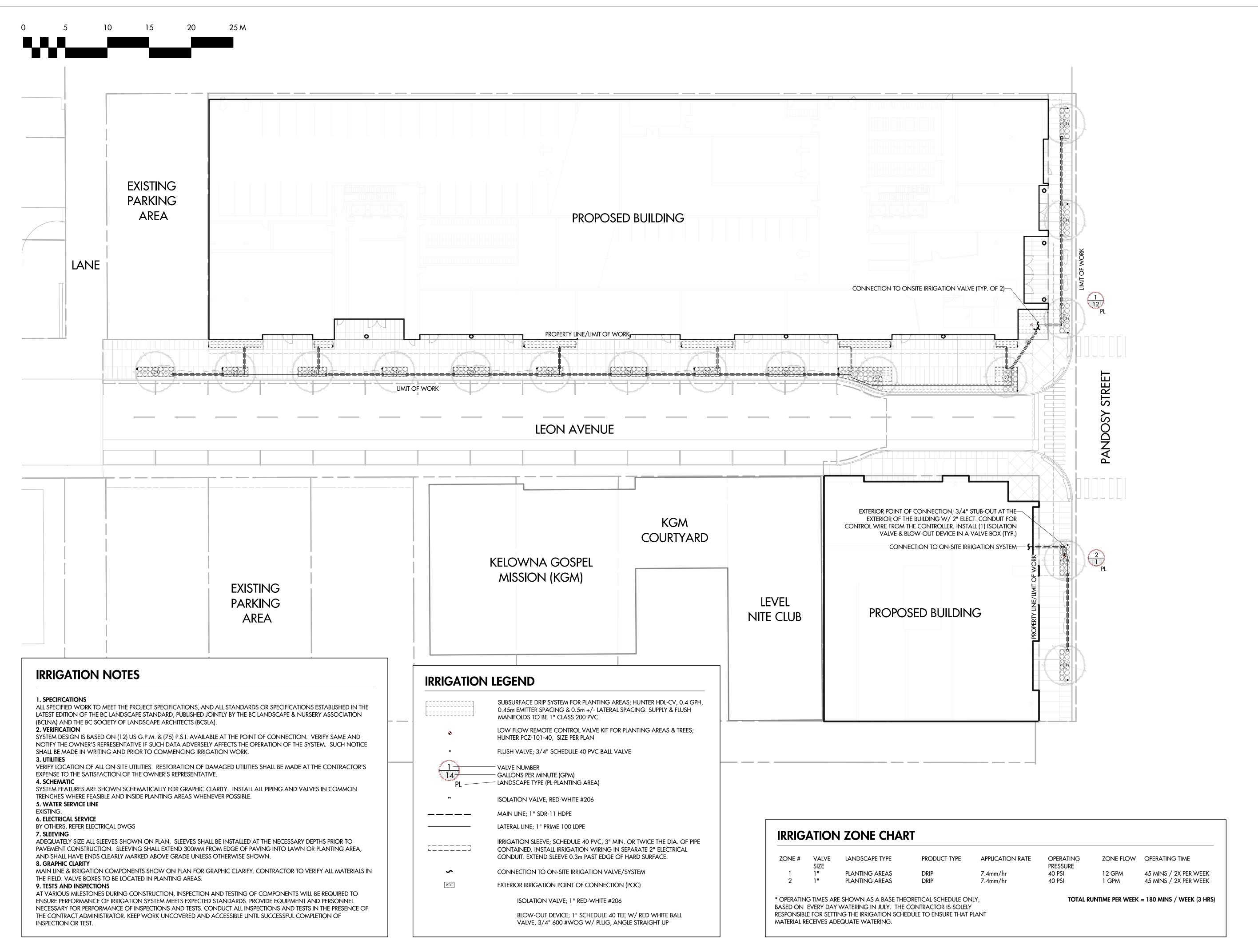
CONSENT OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL

ALL PROPOSED TREE LOCATIONS SHALL BE STAKED IN FIELD FOR REVIEW BY THE OWNER'S INSPECTOR

THE QUANTITIES SHOWN ON THE LABELS ARE NOT TO BE CONSTRUED AS THE COMPLETE AND ACCURATE

L3/4

#### ISSUED FOR REVIEW ONLY





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PROJECT TIT

#### WATER STREET BY THE PARK

Kelowna, BC

#### OFFSITE IRRIGATION PLAN

ISSL	JED FOR / REVISION	
1	19.12.18	Development Permit
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PROJECT NO	19-077	
DESIGN BY	FB	
DRAVVN BY	KM	
CHECKED BY	FB	
DATE	DEC. 18, 2019	
SCALE	1:100	
PAGE SIZE	24"x36"	

CEVI



DRAWING NUMBER

L4/4

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