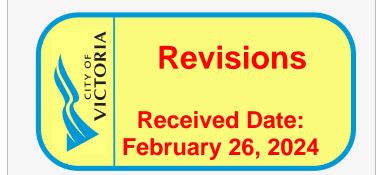
Date: 2/21/24
Time: 4:30:11 PM





#103 - 891ATTREE AVENUE VICTORIA, B.C. V9B 0A6 P. 250.382.7374 F. 250.382.7364





Artistic Rendering



Building Site

 $\frac{3}{A000}$



Existing Building Front

Project # 8466

Scale

Date

Aug 31, 2023

Project Address

515 Foul Bay Road

Prepared for

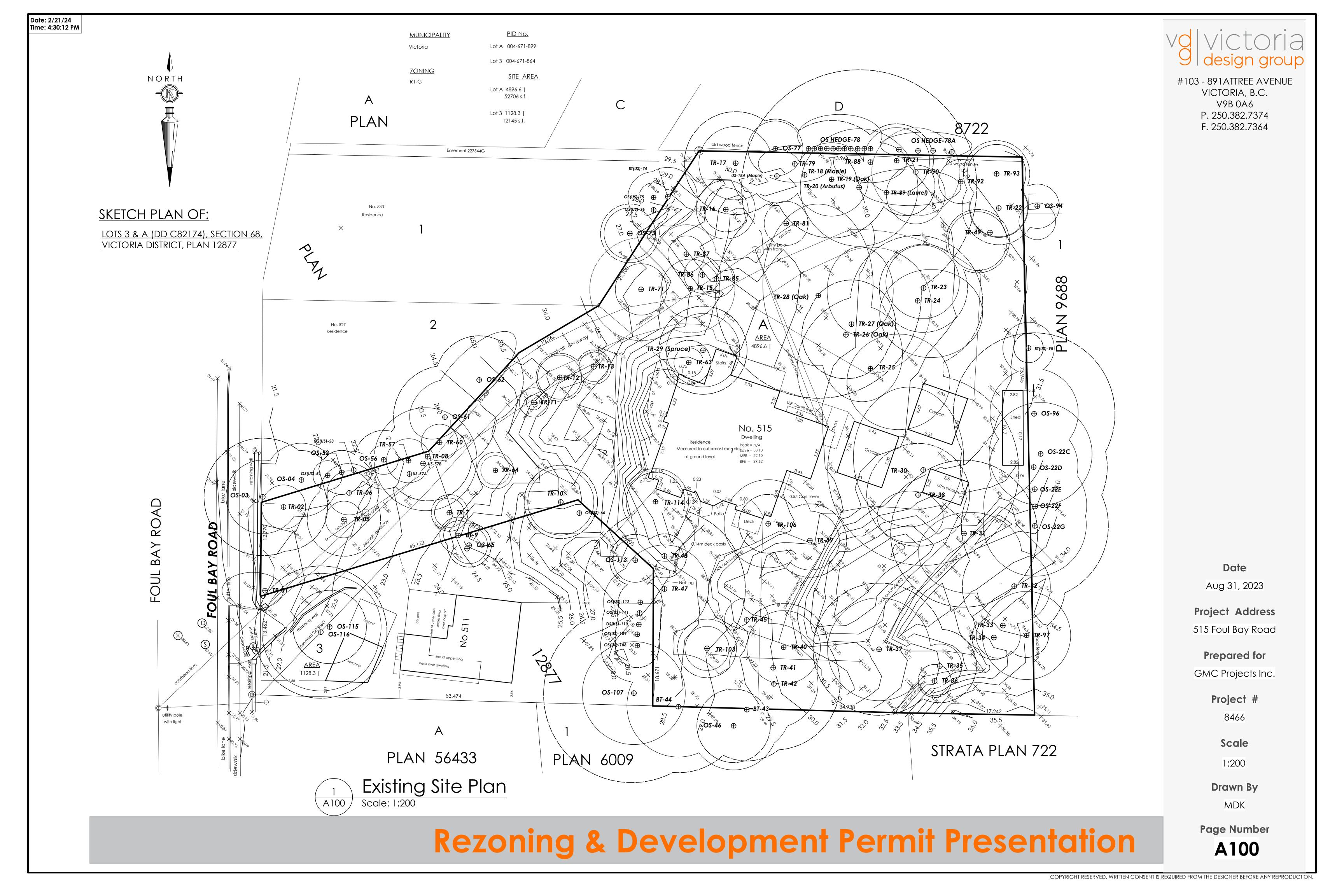
GMC Projects Inc.

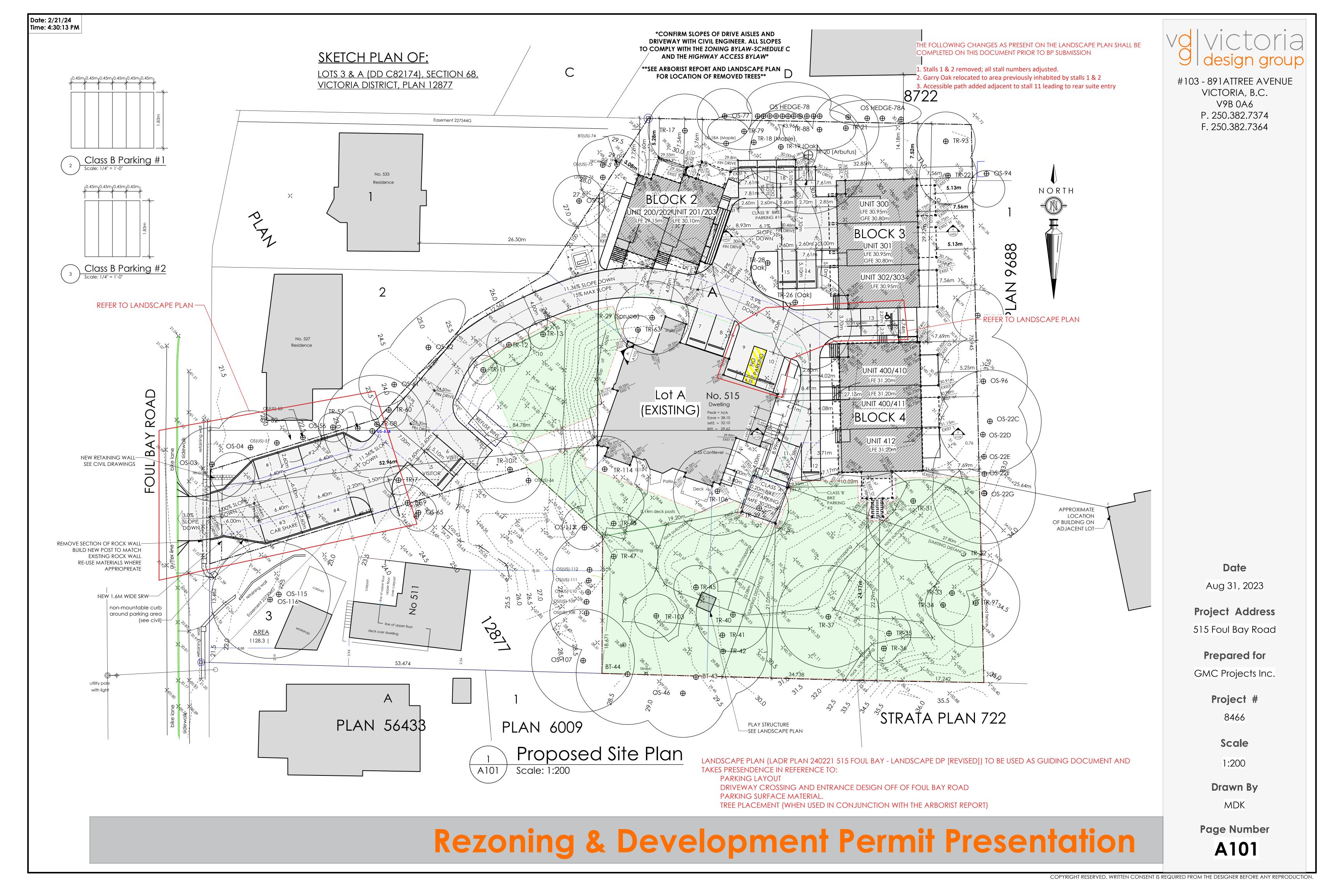
Not To Scale

Drawn By

MDK

Page Number





				1
PROJECT INFORMATION TABLE A				
Building Number	1 (all existing)	2	3	4
Height of building (m) (Midpoint of Roof)	11.59 m.	10.14 m.	9.88 m.	9.71 m.
Height of building (m) (Underside of highest ceiling)	0.00 m.	0.00 m.	0.00 m.	0.00 m.
Number of Storeys	3.5	3	3	3
Building Setbacks (m)				
Front yard	1.75 m	0.41 m.	29.89 m.	30.06 m.
Rear yard (East) to building face	27.15 m	33.75 m.	7.56 m.	7.69 m.
Rear yard (East) to structure	27.15 m	32.85 m.	5.13 m.	5.25 m.
Side yard (North)	26.91 m	5.26 m.	7.52 m.	29.72 m.
Side yard (South)	25.89 m	54.85 m.	50.51 m.	22.29 m.
Side yard (West)	N/A	3.08 m.	26.37 m.	38.47 m.
Combined side yards (North + South)	52.80 m	60.11 m.	58.03 m.	52.01 m.
Residential Use Details				
Total number of units	5	4	4	4
Unit type, e.g., 1 bedroom	1 bedroom	1 or 3 bedroom	1 or 3 bedroom	1 or 3 bedroom
Ground-orientated units	1	2	1	1
First Storey area (excluding garage area)	303.61 sq.m.	120.39 sq.m.	150.58 sq.m.	177.52 sq.m.
Garage Area	N/A	N/A	44.46 sq.m.	N/A
Second storey area	293.57 sq.m.	119.82 sq.m.	183.18 sq.m.	188.93 sq.m.
Third storey area	232.72 sq.m.	113.18 sq.m.	183.18 sq.m.	188.93 sq.m.
Fourth storey area	78.50 sq.m.	N/A	N/A	N/A
Total building floor area (excluding required parking)	908.4 sq.m.	353.39 sq.m.	524.20 sq.m.	555.38 sq.m.

REFER TO PAGE A 106	$'$ $C \cap D \cap C \setminus I T$		$TD \ A \frown V \ C$		* * I L	$\sim \sim $
KEEEK III) PALJE A III	, F()K FK()I/II	PRUPPRII	IBALK	7KAPHIL	AINI) (AI (III AII()IV

PROJECT INFORMATION TABLE B	
Lot Number	Α
Zone (existing)	R1-G
Lot Area	4896.55 sq.m.
Height of building (m)	11.59 m.
Lot Coverage	20.12%
Floor Space Ratio	0.48 TO 1.0
Number of storeys	3 & 3.5
Parking stalls (number) on site (Garages included)	20
Bicycle parking number (Class A-storage and rack)	13
Cargo Bike parking (Class A-storage and rack)	2
Bicycle parking number (Class B-racks)	10
Building Setbacks (m)	
Front yard	0.41 m.
Rear yard (East) to Building/Structure	5.13 m.
Rear yard (East) to Habital Rooms With Windows	7.56 m.
Side yard (North) to Building/Structure	5.26 m.
Side yard (North) to Habital Rooms With Windows	7.52 m.
Side yard (South)	22.29 m.
Side yard (West)	3.08 m.
Combined side yards (North + South)	15.08 m.
Open Site Space	
Open Site Space	60.81%
Front Yard Open Site Space	50.29%

PROJECT INFORMATION TABLE (Accessory)						
4896.55 sq.m.						
389.27 sq.m.						
0.00%						
3.42 m.						
1						
17.92 m.						
26.05 m.						
48.34 m.						
21.05 m.						
4.00 m.						
7.17 m.						
1						
Class 'A' Bike						
1						
22.30 sq.m.						

ALL VEHICLE PARKING STALLS TO BE ENGERGISED AS PER CITY OF VICTORIA ZONING REGULATION BYLAW SCHEDULE C





*MAP IMAGE FOR CONTEXT PLAN TAKEN FROM VICMAP





<u>Average</u>	Grade C	<u>alculation</u>	: Existing	(Block 1)
A to B:	(28.92 +	29.04) ÷ 2	x 3.01	= 87.27
B TO C:	(29.04 +	29.52) ÷ 2	x 2.68	= 78.56
C TO D:	(29.52 +	29.63) ÷ 2	x 7.03	= 208.02
D TO E:	(29.63 +	29.72) ÷ 2	x 2.32	= 68.85
E TO F:	(29.72 +	30.04) ÷ 2	x 7.84	= 234.14
F TO G:	(30.04 +	29.85) ÷ 2	x 7.55	= 226.10
G TO H:	(29.85 +	29.90) ÷ 2	x 3.43	= 102.45
H TO I:	(29.90 +	29.31) ÷ 2	x 6.68	= 197.74

 $29.30) \div 2 \times 0.92 = 26.84$ $29.24) \div 2 \times 0.59 = 17.24$ $(29.32 + 29.62) \div 2 \times 7.46 = 219.98$ $(29.62 + 29.41) \div 2 \times 1.25 = 36.87$ $(29.41 + 29.34) \div 2 \times 3.62 = 106.47$ $(29.34 + 29.37) \div 2 \times 1.23 = 35.96$ $(29.37 + 29.32) \div 2 \times 1.34 = 39.32$

Average Grade: 2526.69 ÷ 85.23 = 29.65m

 $(30.72 + 29.54) \div 2 \times 6.53 = 196.80$

 $(29.54 + 29.75) \div 2 \times 3.58 = 105.99$

 $(29.75 + 28.92) \div 2 \times 5.07 = 148.64$

 $(28.54 + 28.35) \div 2 \times 1.22 = 34.70$ $(28.35 + 28.95) \div 2 \times 4.06 = 116.32$ $(28.95 + 29.40) \div 2 \times 1.32 = 38.51$ $(29.40 + 29.40) \div 2 \times 5.79 = 170.23$ $(29.40 + 29.47) \div 2 \times 0.53 = 15.60$ $(29.47 + 29.47) \div 2 \times 0.76 = 22.40$ $(29.47 + 29.47) \div 2 \times 7.77 = 228.98$ $(29.47 + 29.47) \div 2 \times 0.76 = 22.40$ $(29.47 + 29.95) \div 2 \times 5.11 = 151.82$ $(29.95 + 30.62) \div 2 \times 4.19 = 126.89$ $(30.62 + 29.80) \div 2 \times 2.44 = 73.71$ $(29.80 + 29.50) \div 2 \times 1.60 = 47.44$ $(29.50 + 29.87) \div 2 \times 1.12 = 33.25$ $(29.87 + 29.55) \div 2 \times 4.13 = 122.70$ $(29.55 + 28.87) \div 2 \times 3.15 = 92.01$ $(28.87 + 29.98) \div 2 \times 1.83 = 53.85$ $(29.98 + 28.32) \div 2 \times 9.04 = 263.52$ Total = 1666.35

Average Grade Calculation: Block 2

Average Grade: 1666.35 ÷ 56.65 = 29.41m

Average Grade Calculation: Bike Parking

 $(29.60 + 30.55) \div 2 \times 4.88$

Average Grade: 603.10 ÷ 20.12 = 29.98m

Average Grade Calculation: Block 3

 $(30.75 + 30.60) \div 2 \times 0.91 = 27.91$ $(30.60 + 30.75) \div 2 \times 2.44 = 74.85$ $(30.75 + 30.75) \div 2 \times 4.11 = 126.38$ $(30.75 + 30.75) \div 2 \times 2.44 = 75.03$ $(30.75 + 30.75) \div 2 \times 1.57 = 48.28$ $(30.75 + 30.75) \div 2 \times 2.44 = 75.03$ $(30.75 + 30.75) \div 2 \times 4.13 = 127.00$ $(30.75 + 30.60) \div 2 \times 2.44 = 74.85$ $(30.60 + 30.75) \div 2 \times 2.44 = 74.85$ $(30.75 + 30.75) \div 2 \times 5.03 = 154.67$ $(30.75 + 30.30) \div 2 \times 12.19 = 372.10$ $(30.30 + 30.30) \div 2 \times 1.83 = 55.45$ $(30.30 + 30.25) \div 2 \times 1.22 = 36.94$ $(30.25 + 30.15) \div 2 \times 13.82 = 417.36$ Total = 2182.52

Average Grade: 2182.52/71.52 = 30.52m

Average Grade Calculation: Block 4

 $(31.90 + 32.22) \div 2 \times 2.54 = 81.43$ $(32.22 + 32.22) \div 2 \times 1.22 = 39.31$ $(32.22 + 31.98) \div 2 \times 2.54 = 81.53$ $(31.98 + 31.98) \div 2 \times 1.64 = 52.45$ $(31.50 + 31.50) \div 2 \times 4.22 = 132.93$ $(31.50 + 30.90) \div 2 \times 5.73 = 178.78$ $(30.90 + 31.15) \div 2 \times 2.44 = 75.70$ $(30.96 + 30.75) \div 2 \times 2.44 = 75.29$ $(30.75 + 30.75) \div 2 \times 1.60 = 49.20$ $(30.75 + 30.91) \div 2 \times 2.44 = 75.23$ $(30.91 + 30.85) \div 2 \times 4.19 = 129.39$ $(30.85 + 30.75) \div 2 \times 2.44 = 75.15$ R TO S: $(30.75 + 30.75) \div 2 \times 1.77 = 54.43$ $(30.75 + 30.74) \div 2 \times 0.30 = 9.22$ $(30.74 + 30.74) \div 2 \times 0.76 = 23.36$ $(30.74 + 30.63) \div 2 \times 2.54 = 77.94$ $(30.63 + 30.63) \div 2 \times 0.76 = 23.28$ $(30.63 + 30.30) \div 2 \times 6.91 = 210.51$ $(30.30 + 30.30) \div 2 \times 1.83 = 55.45$ $(30.30 + 30.25) \div 2 \times 1.22 = 36.94$

Average Grade: 2500.47/ 81.02 = 31.03m

 $(30.25 + 30.90) \div 2 \times 15.65 = 478.50$

Total = 2514.26

Rezoning & Development Permit Presentation

#103 - 891ATTREE AVENUE VICTORIA, B.C. V9B 0A6 P. 250.382.7374 F. 250.382.7364

Date

Aug 31, 2023

Project Address 515 Foul Bay Road

Prepared for

GMC Projects Inc.

Project # 8466

Scale

As Shown

Drawn By MDK

Page Number

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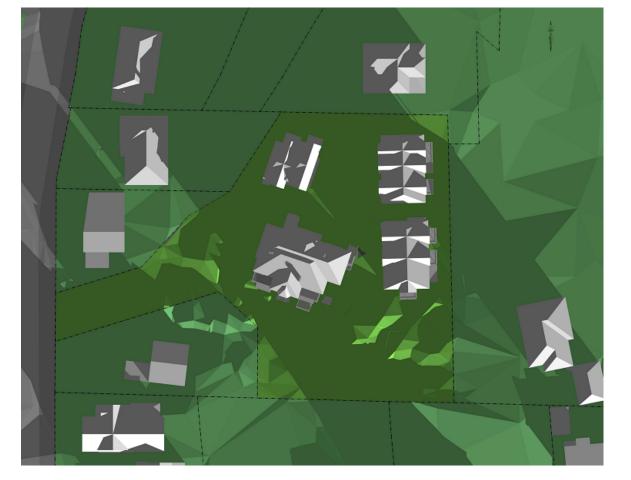
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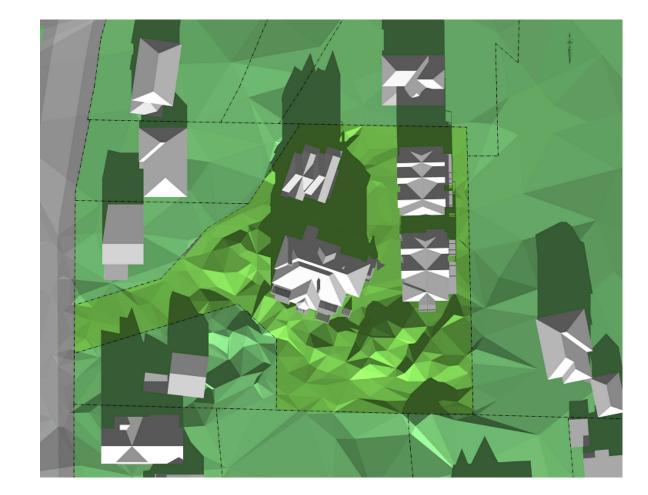
MDK

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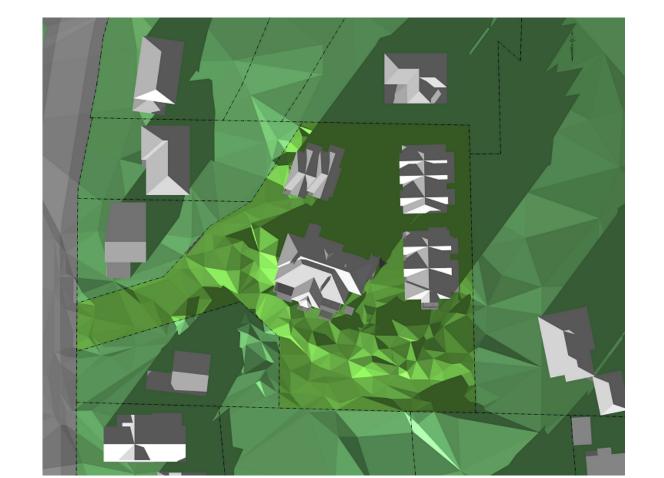
Date: 2/21/24 Time: 4:30:14 PWINTER SOLSTICE DEC 21



Shadow Study - 9:32am (1.5hrs After Sunrise)



Shadow Study - 12:11pm (Solar Noon)

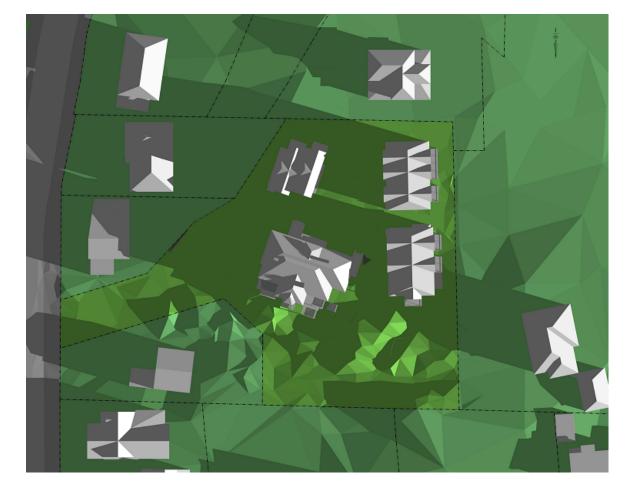


3 Shadow Study - 2:50pm (1.5hrs Before Sunset)



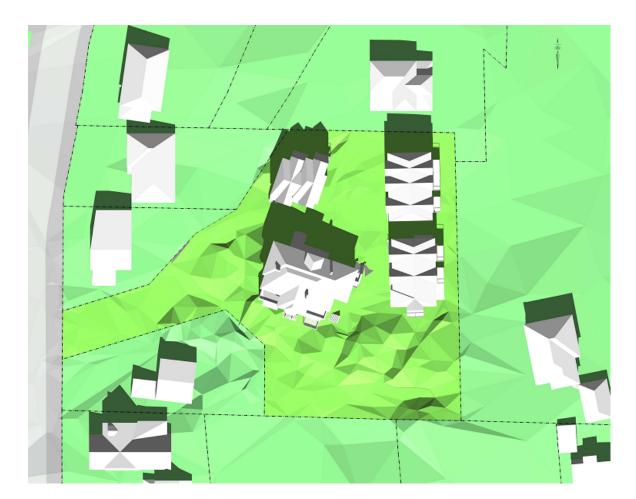
F103 - 89 FATTREE AVENU VICTORIA, B.C. V9B 0A6 P. 250.382.7374 F. 250.382.7364

MAR 20 / SEPT 22

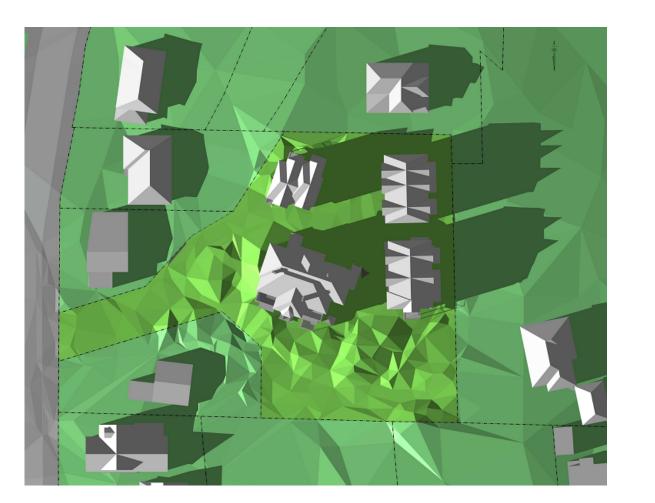


Shadow Study - 8:45am (1.5hrs After Sunrise)

A104



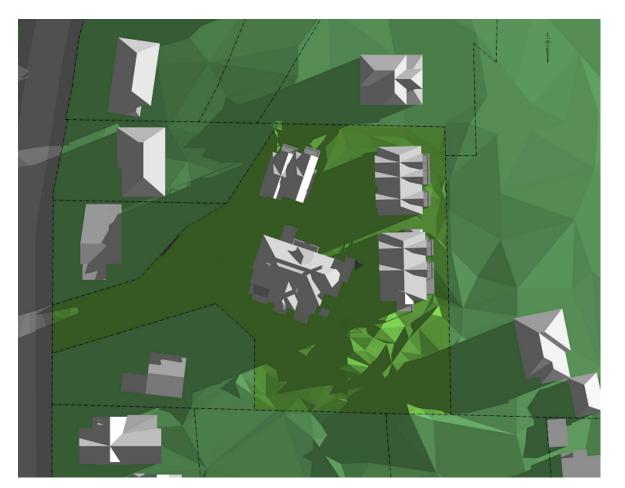
5 Shadow Study - 1:20pm (Solar Noon)



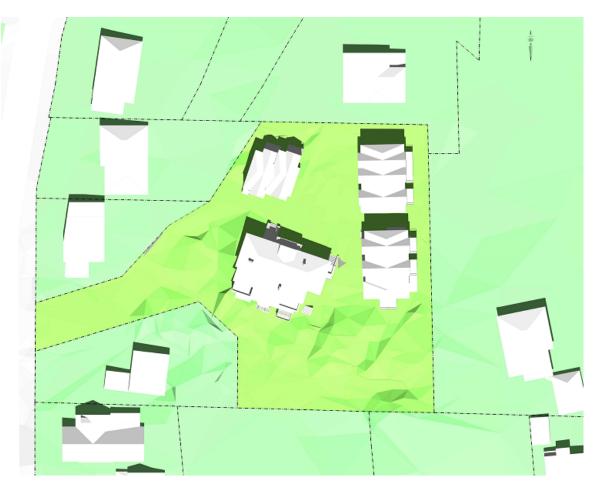
Shadow Study - 5:56pm (1.5hrs Before Sunset)

A104

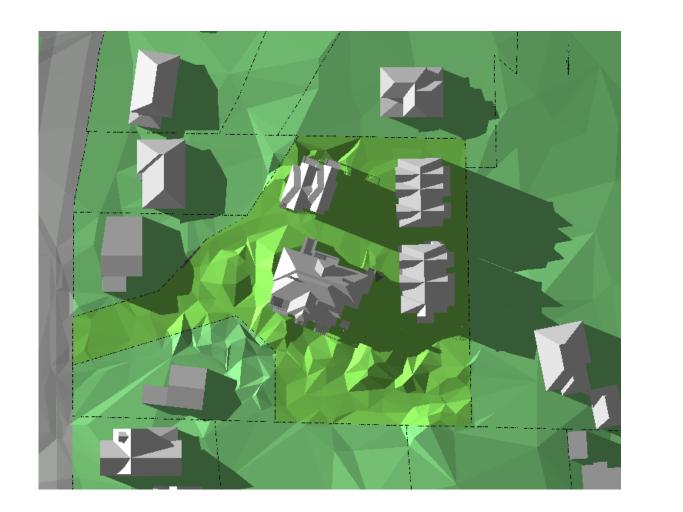
SUMMER SOLSTICE JUNE 21



7 Shadow Study - 6:41am (1.5hrs After Sunrise) A104



8 Shadow Study - 1:15pm (Solar Noon)



Shadow Study - 7:48pm (1.5hrs Before Sunset)

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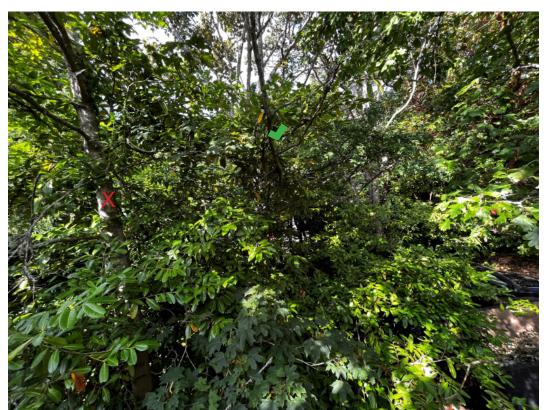
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Rezoning & Development Permit Presentation



VIEW 4 - View to 613 Foul Bay



VIEW 5 - View to 613 Foul Bay



VIEW 6 - View to 615 Foul Bay Garden



VIEW 7 - View to 615 Foul Bay Main House



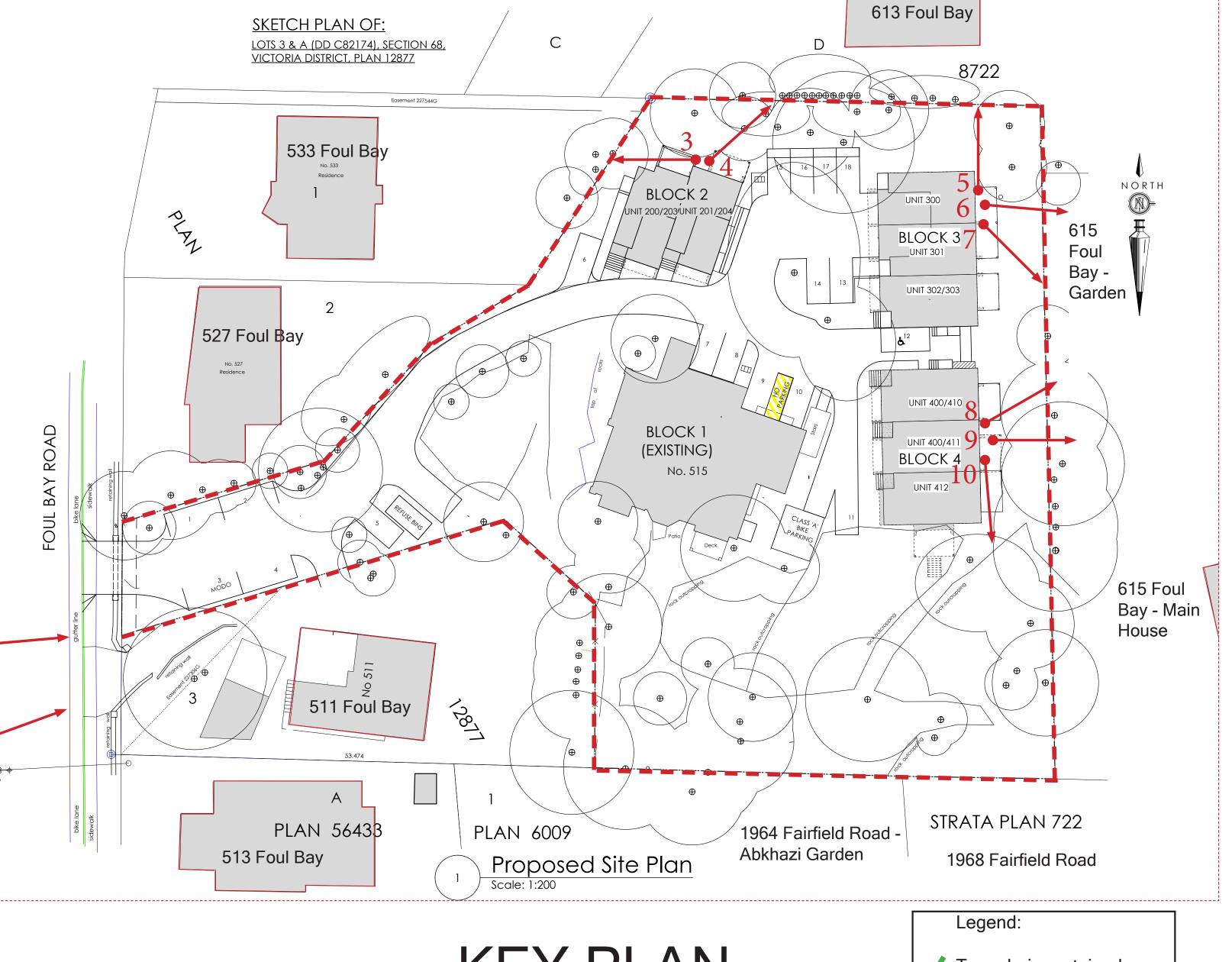
VIEW 3 - View to 533 Foul



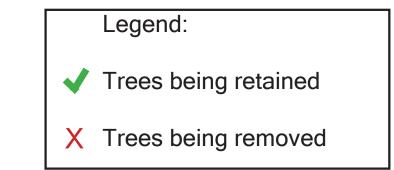
VIEW 2 - NorthWest corner of Chandler & Foul Bay



VIEW 1 - SouthWest corner of Chandler & Foul Bay

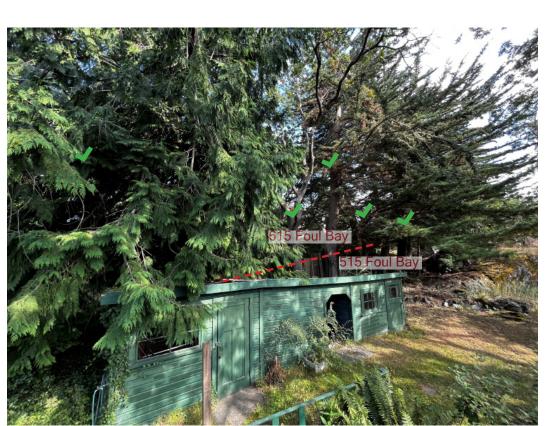


KEY PLAN



Solis Foul Bay

VIEW 8 - View to 615 Foul Bay Garden



VIEW 9 - View to 615 Foul Bay Garden



VIEW 10 - View to 1964 & 1968 Fairfield Road to Abkhazi Garden

Date

#103 - 891ATTREE AVENUE

VICTORIA, B.C.

V9B 0A6

P. 250.382.7374

F. 250.382.7364

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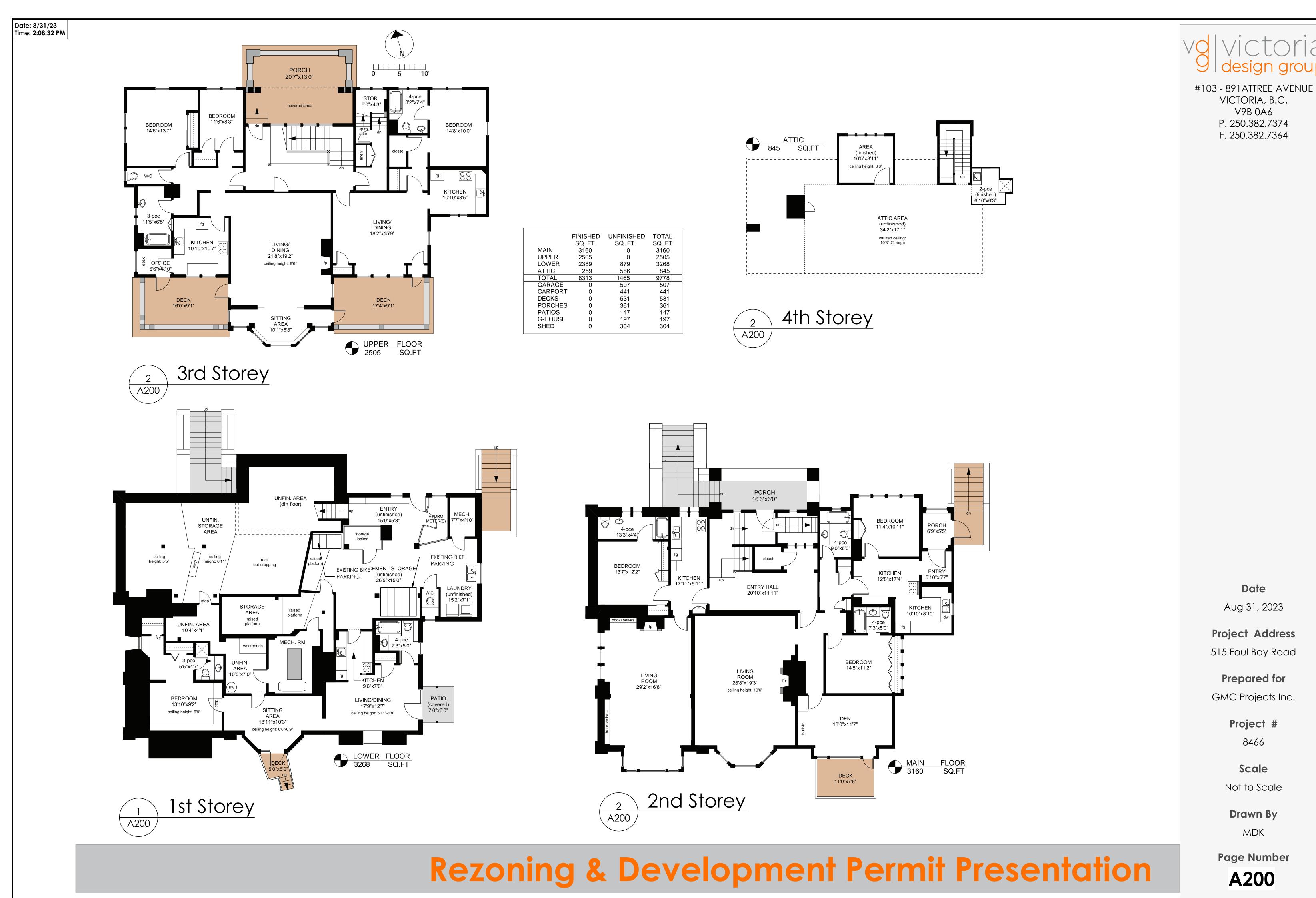
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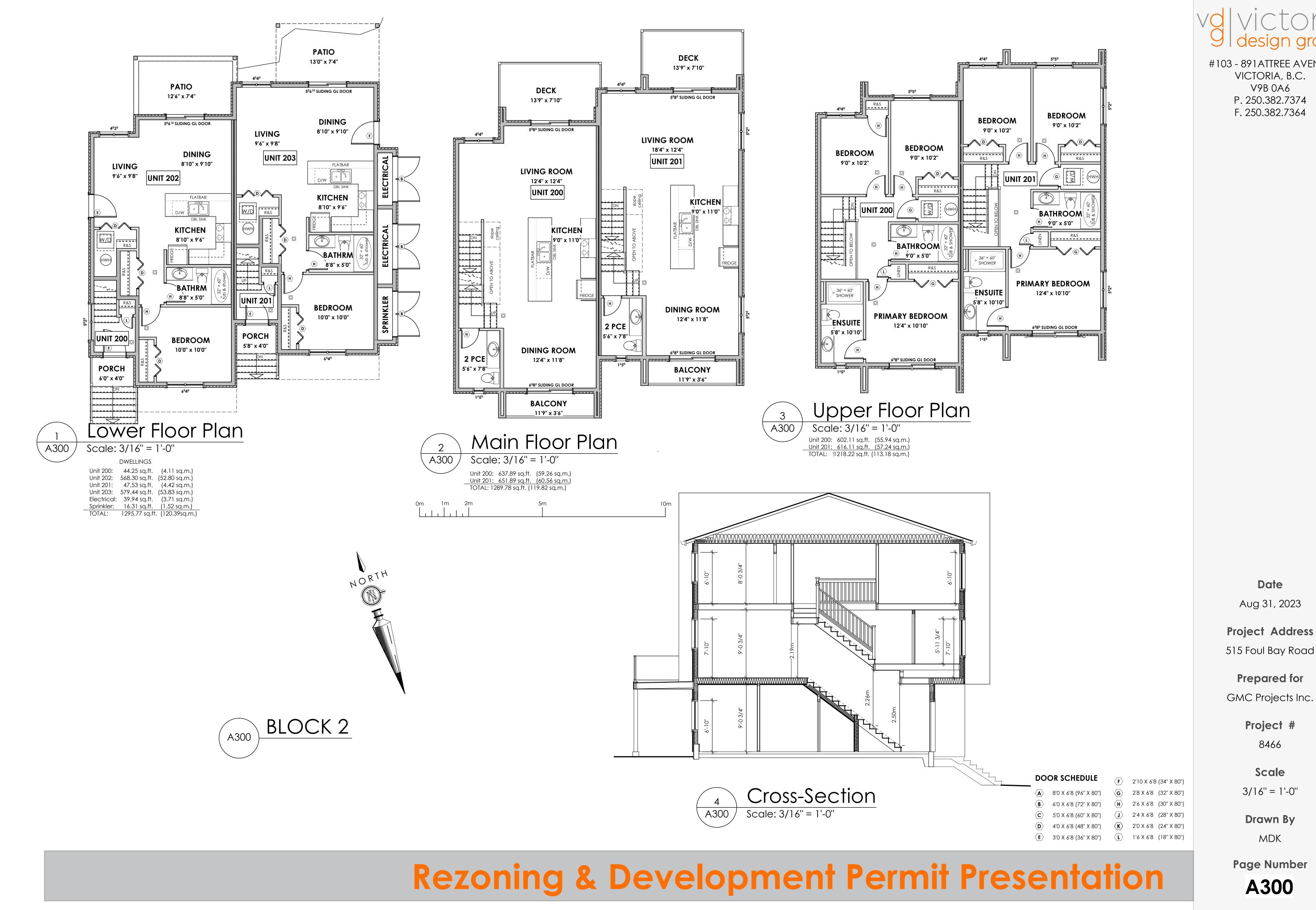
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Elevation	Area of Exposed Building Face	Limiting Distance	Opening % Permitted	Opening % Proposed	FRR	Type of Construction 1	Type of Cladding	Ele
South								North
Unit 200	41.00 sq.m.	3.22 m.	38.00 %	31.51 %	1 hour	В	Α	Unit 2
Unit 201	38.82 sq.m.	3.35 m.	43.00 %	33.28 %	1 hour	В	Α	Unit 2
Unit 202	13.37 sq.m.	3.22 m.	24.00 %	16.68 %	1 hour	В	Α	Unit 2
Unit 203	12.61 sq.m.	3.35 m.	24.00 %	17.68 %	1 hour	В	Α	Unit 2
East								West
Unit 201	74.83 sq.m.	7.61 m.	100.00 %	4.97 %	45 min.	В	Α	Unit 2
Unit 203	10.41 sq.m.	7.61 m.	100.00 %	18.73 %	45 min.	В	Α	Unit 2
Electrical Closets	16.37 sq.m.	7.81 m.	100.00 %	0.00 %	45 min.	В	Α	*TABLI
Sprinkler Closet	8.05 sq.m.	8.93 m.	100.00 %	0.00 %	45 min.	В	Α	

*TABLE COMPLIES WITH BCBC 9.10.14.4.(1)(a), 9.10.14.4.(7), and Table 9.10.14.5-A

Unit 200 and 201 prorated to 38% and 42% respectively.

Type of Construction Used:A = CombustibleB = Non Combustible

1	Elevation	Area of Exposed Building Face	Limiting Distance	Opening % Permitted	Opening % Proposed	FRR	Type of Construction 1	Type of Cladding ¹
	North							
	Unit 200	31.68 sq.m.	7.60 m.	100.00 %	26.61 %	45 min.	В	Α
	Unit 201	32.93 sq.m.	7.54 m.	100.00 %	25.60 %	45 min.	В	Α
	Unit 202	12.97 sq.m.	7.60 m.	100.00 %	22.74 %	45 min.	В	Α
	Unit 203	12.77 sq.m.	7.54 m.	100.00 %	25.76 %	45 min.	В	Α
	West							
	Unit 200	61.58 sq.m.	3.08 m.	18.00 %	1.51 %	1 hr.	В	Α
	Unit 202	28.65 sq.m.	3.08 m.	24.00 %	6.81 %	1 hr.	В	Α
	*TARLE COMPLIES	WITH RCRC 9 10 14 4 (1)/	a) 9 10 14 4 (7)	and Table 9 10 14 ^a	5-A	•		

Scale: 3/16" = 1'-0"

*IABLE COMPLIES WITH BCBC 9.10.14.4.(1)(a), 9.10.14.4.(/), and Table 9.10.14.5-A

0m 1m 2m 5m 10



EXISTING GRADE

TRIM, GUTTERS, FASCIA, AND DOORS

(NOTE: POINT B AND C ARE AGAINST

WALL 4' BEHIND POINT A. THEY ARE

ALSO AT OR BELOW FINISHED GRADE)

SHERWIN WILLIAMS: IRON ORE (SW 7069) OR

Rezoning & Development Permit Presentation

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Scale 3/16" = 1'-0"

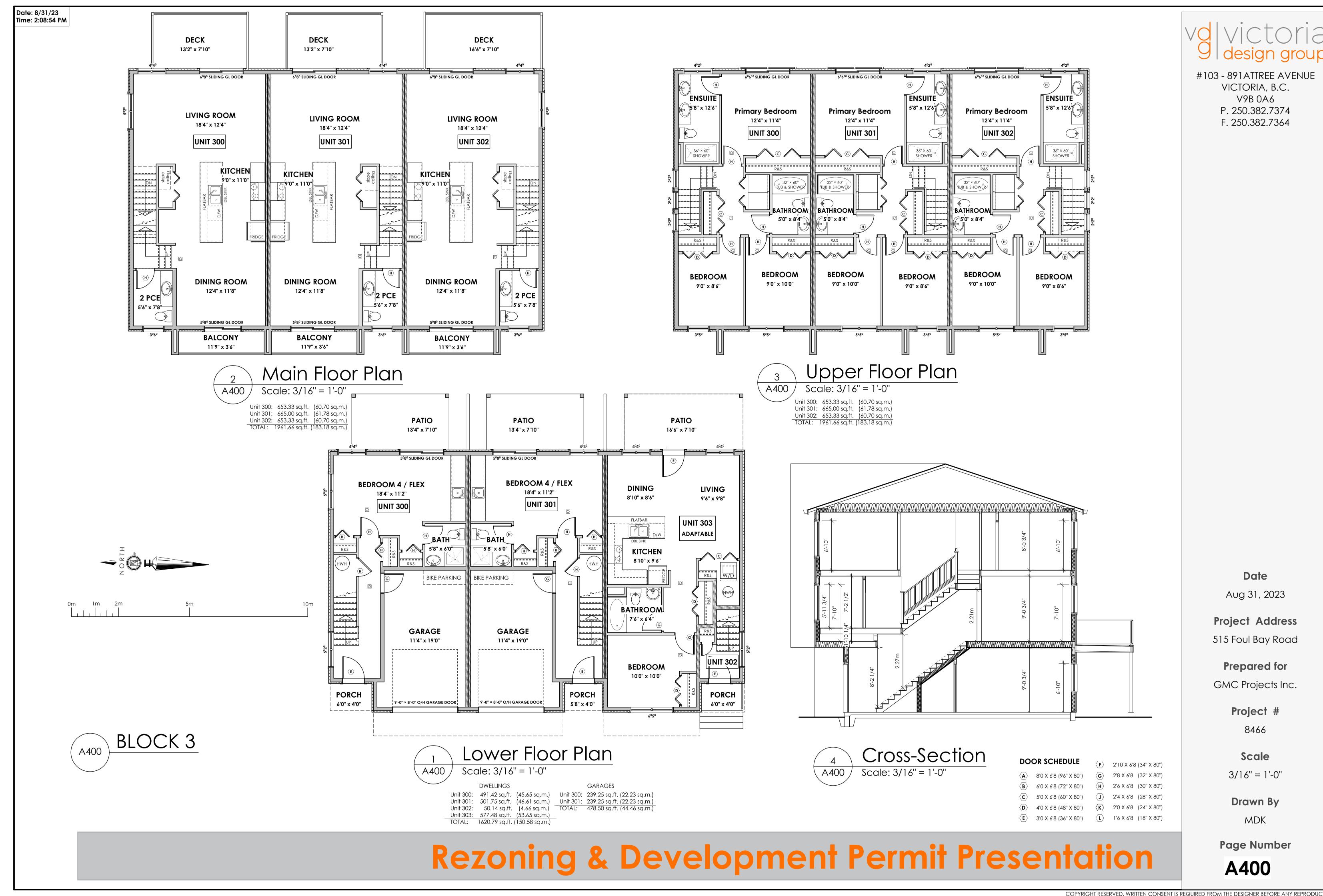
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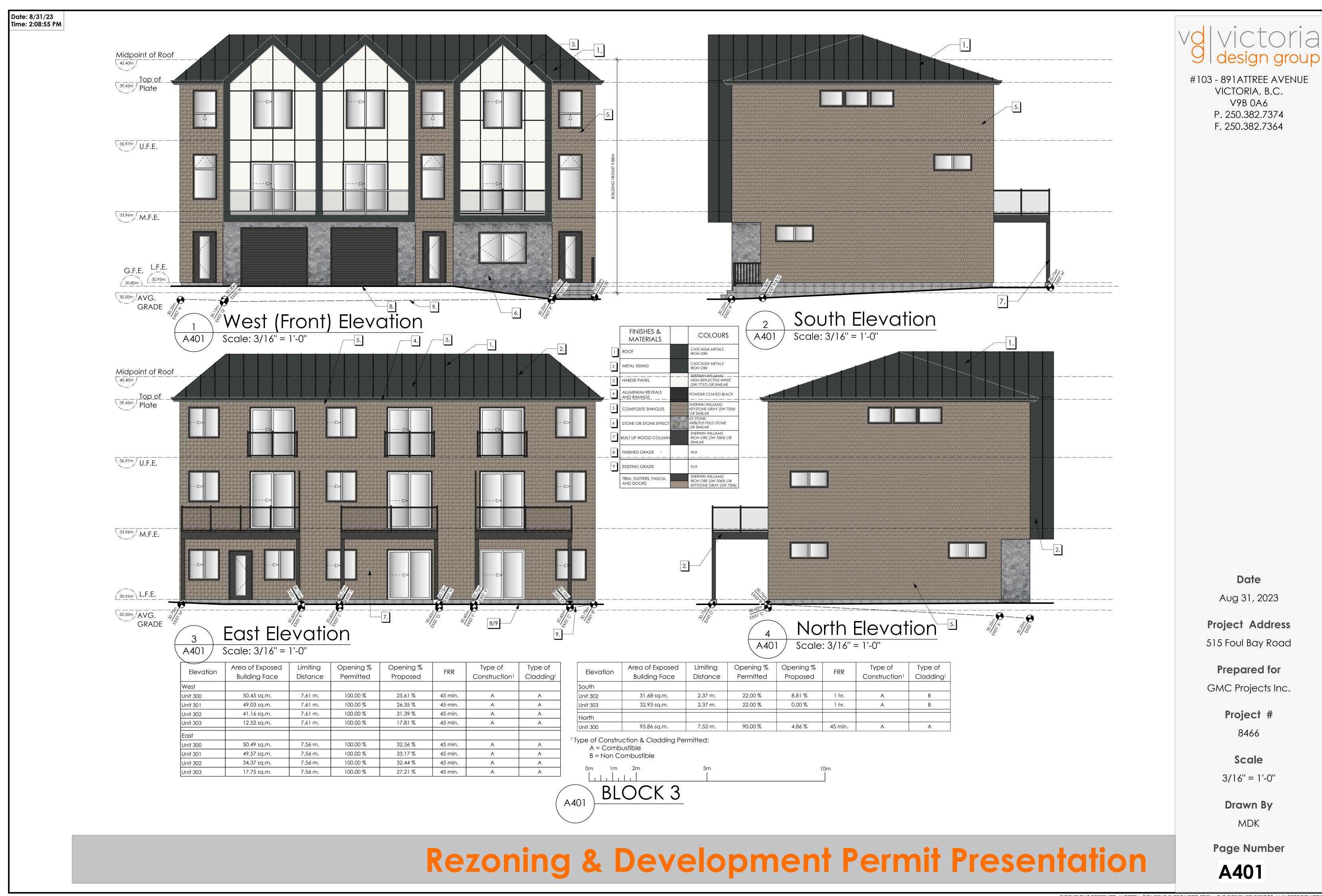
MDK

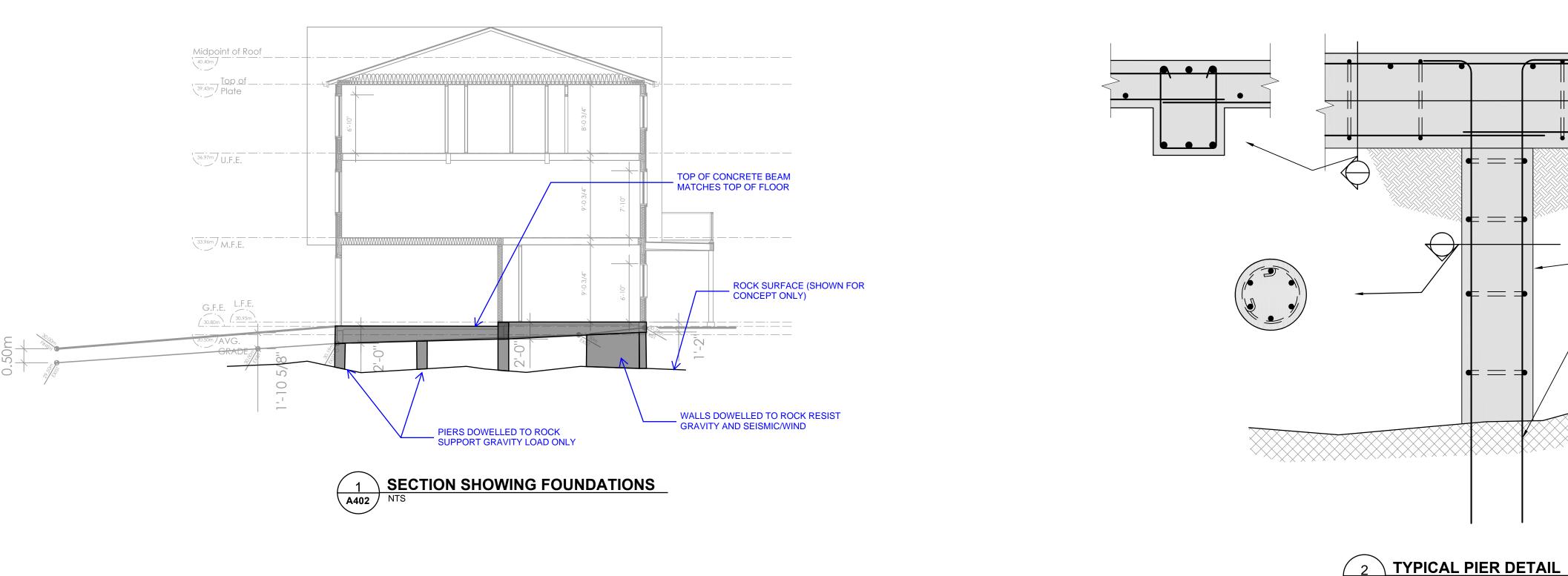
Page Number

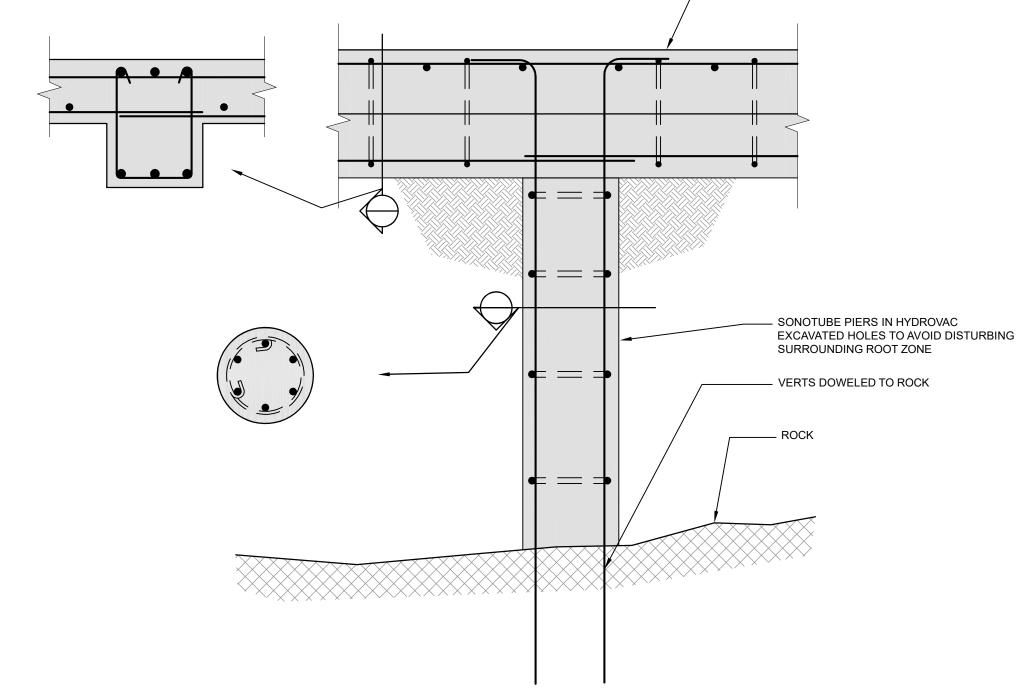
A301

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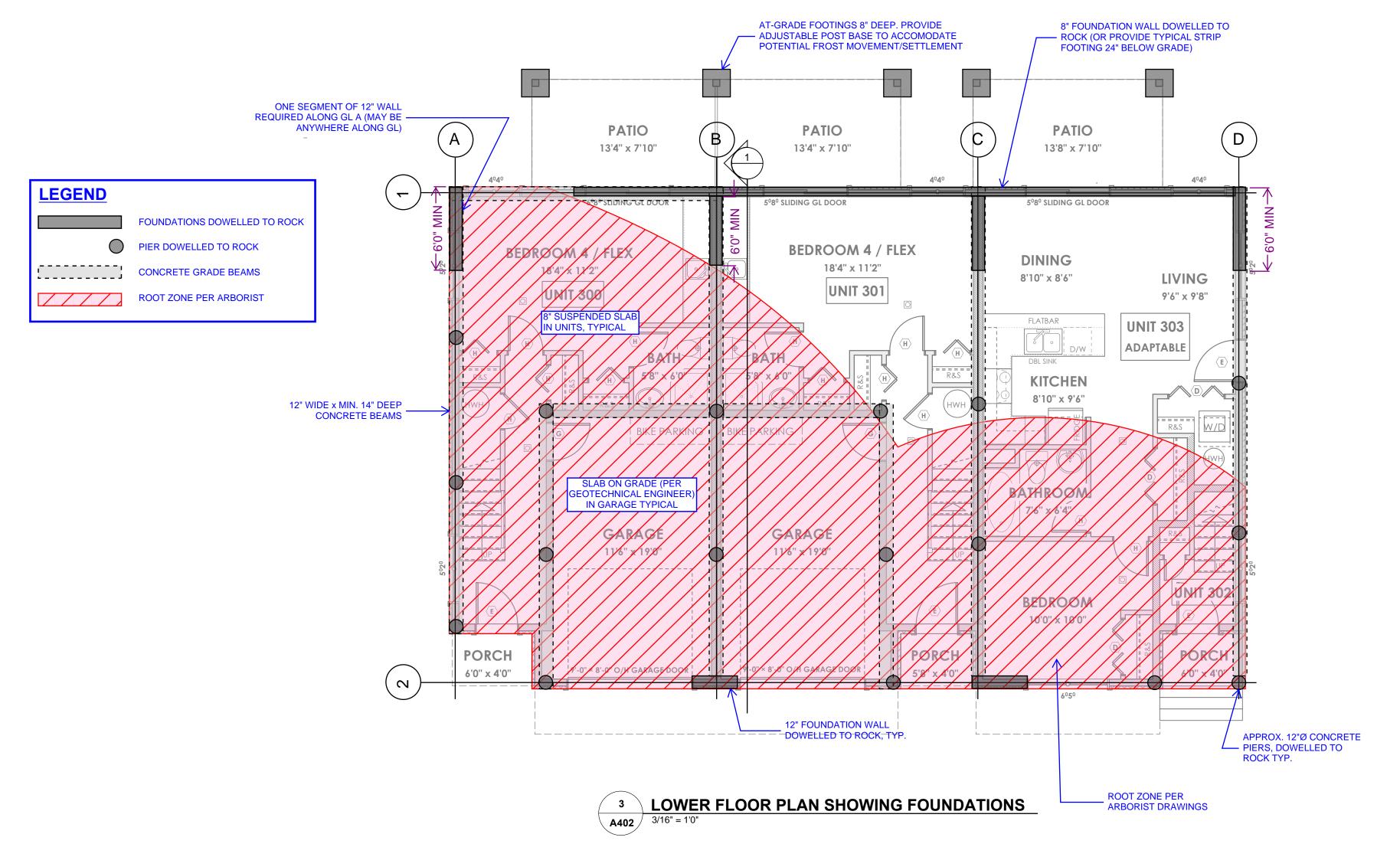








– GRADE BEAM



Date

#103 - 891ATTREE AVENUE

VICTORIA, B.C.

V9B 0A6

P. 250.382.7374

F. 250.382.7364

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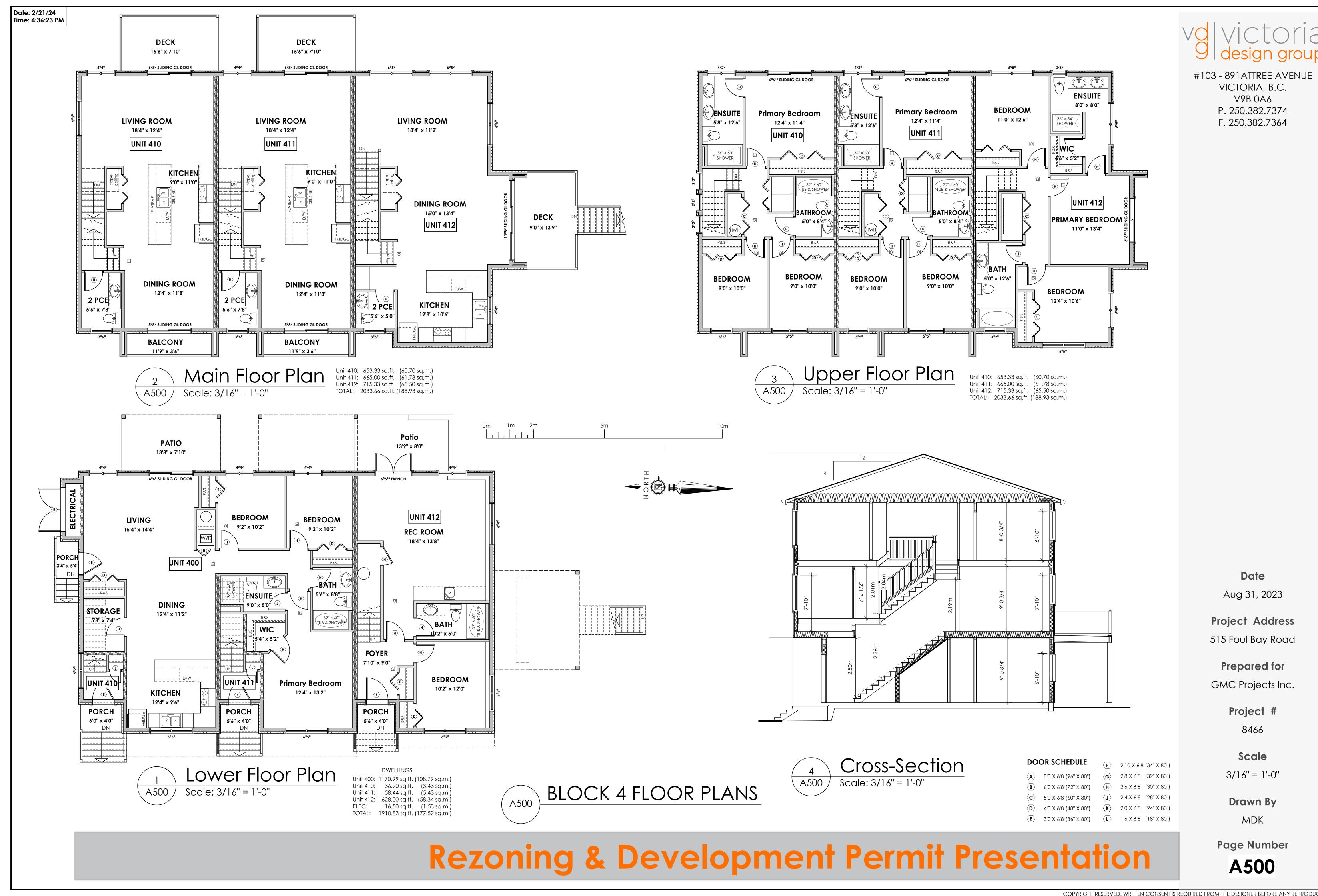
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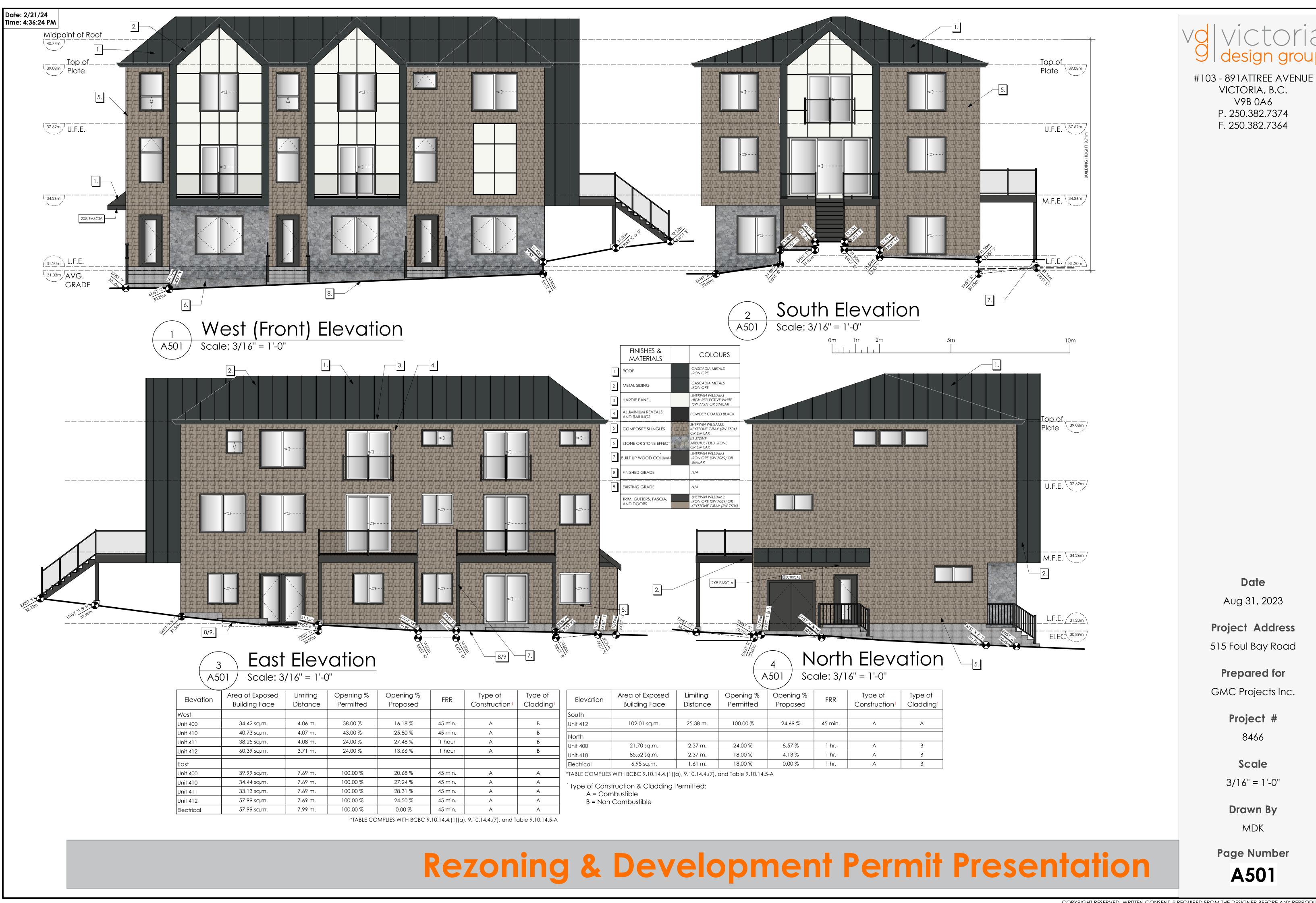
3/16" = 1'-0"

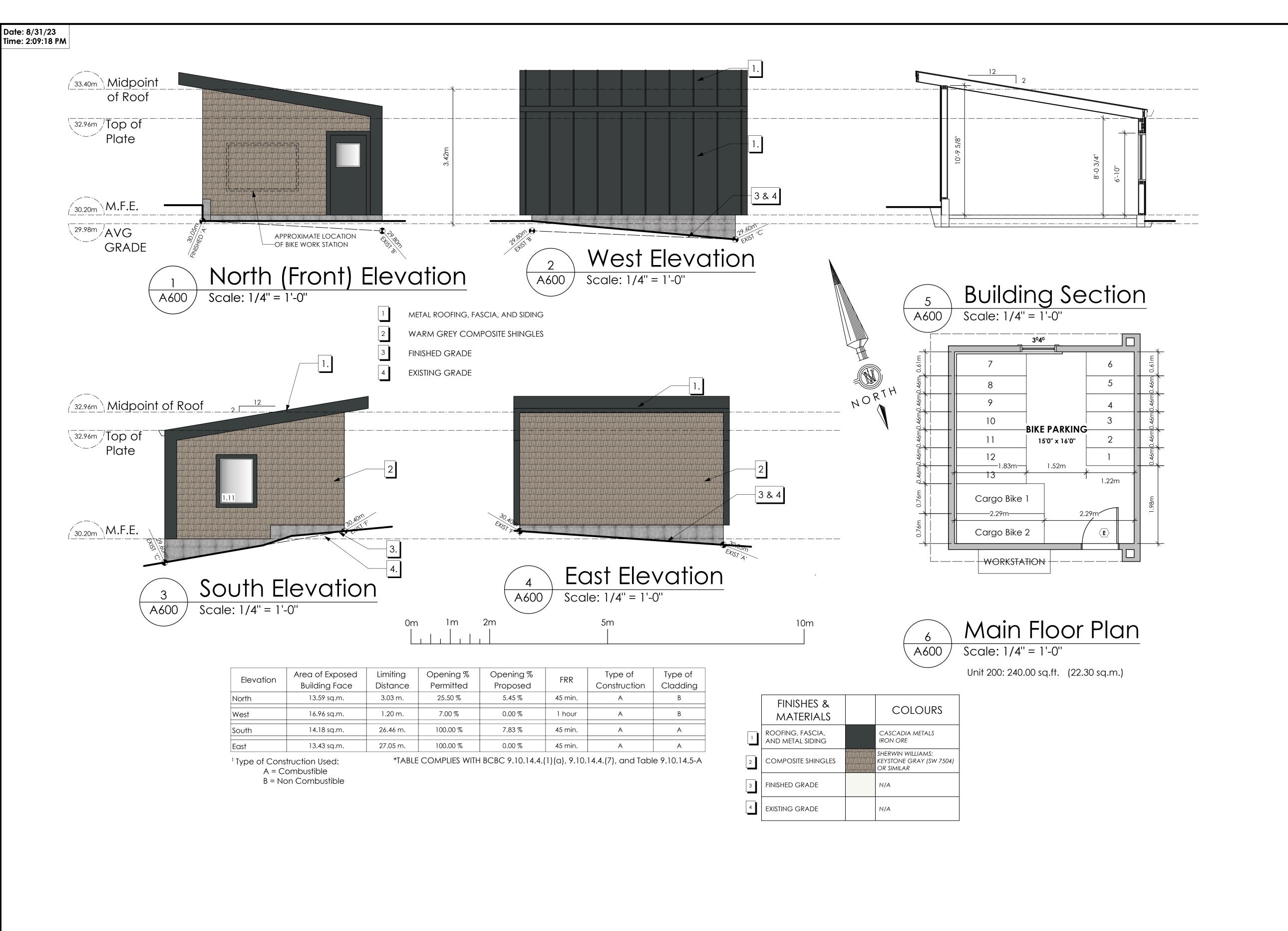
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Bike Parking

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A600

(F) 2'10 X 6'8 (34" X 80")

(**J**) 2'4 X 6'8 (28" X 80")

(E) 3'0 X 6'8 (36" X 80") (L) 1'6 X 6'8 (18" X 80")

AND VERTICAL LOCATIONS MUST BE

CONFIRMED BY UTILITY COMPANIES AND

THE CONTRACTOR PRIOR TO THE START

OF ANY EXCAVATION

REQUEST LOCATE TICKETS AT

BC 1C

GENERAL NOTES: 1. ALL WATER CONSTRUCTION AND MATERIALS TO BE IN ACCORDANCE WITH THE CITY OF VICTORIA SUBDIVISION AND 26. MAINTAIN A MINIMUM OF 1.0M HORIZONTAL CENTER TO CENTER AND 150MM CLEAR VERTICAL SEPARATION BETWEEN WATER 1. MAINTAIN AS LARGE A SETBACK BETWEEN THE FILL ENCROACHMENT AND THE DEVELOPMENT SERVICING BYLAW AND SUPPLEMENTARY DRAWING SPECIFICATION SCHEDULE B3-7 - WATERWORKS, OR SERVICES AND ELECTRICAL CONDUITS, GAS MAINS AND TELEPHONE ROOT COLLAR OF THE TREE AS POSSIBLE MMCD STANDARD DETAIL DRAWINGS AS INDICATED IN SERVICING BYLAW, AS WELL AS THE LATEST VERSION OF THE BC 27. CITY OF VICTORIA FORCES SHALL MAKE ALL CONNECTIONS TO EXISTING WATER MAINS AT APPLICANT'S EXPENSE. REVIEW ANY CANOPY CLEARANCE PRUNING REQUIREMENTS TO ACCOMMODATE PLUMBING CODE FOR ANY ONSITE WORKS CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO CITY OF VICTORIA FOR WORK REQUIRED. VEHICLE OR PEDESTRIAN CLEARANCES (PRUNING TO BE PERFORMED TO ANSI 2. IF A CONFLICT BETWEEN THE SPECIFICATIONS ARISES, THE MOST STRINGENT SPECIFICATION SHALL APPLY. 28. WHERE PRACTICAL, SERVICE LINES AND METER BOXES SHALL BE INSTALLED TO FINISHED GRADE, OUTSIDE OF DRIVEWAYS OR A300 STANDARDS 3. OBTAIN A PERMIT TO CONSTRUCT WORKS ON A MUNICIPAL RIGHT OF WAY FROM THE CITY OF VICTORIA (CoV) 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION. 3. EXCAVATE THE NEW FOOTPRINT OF THE DRIVEWAY OR SIDEWALK UNDER THE 29. CITY OF VICTORIA WATER FORCES SHALL CAP AND ABANDON THE EXISTING WATER SERVICE AT THE DEVELOPER'S EXPENSE. 4. CONTRACTOR TO OBTAIN PERMIT FROM CITY OF VICTORIA PRIOR TO DEPOSIT OR REMOVAL OF SOILS ON THIS SITE. SUPERVISION OF THE PROJECT ARBORIST. EXCAVATION WILL BE LIMITED TO THE DRIVEWAY DESIGN TO COMPLY WITH THE CITY OF VICTORIA HIGHWAY ACCESS BYLAW. REMOVAL OF THE EXISTING SOD LAYER. EXCAVATION AROUND ROOT STRUCTURES MUST BE PERFORMED BY HAND, AIRSPADE, OR HYDROEXCAVATION S. CONTRACTOR TO SWEEP PUBLIC ROADS AT THE END OF EACH WORKING DAY, AND PROVIDE TRAFFIC CONTROL WHEN WORKING AT OR ADJACENT TO THE PUBLIC ROADWAY. EXCAVATIONS ARE TO BE FENCED TO PROTECT WORKERS AND 4. INSTALL A TWO-DIMENSIONAL (SUCH AS COMBIGRID 船) OR THREE-DIMENSIONAL 30. SANITARY SERVICES TO BE SIZED DURING DETAILED DESIGN C/W INSPECTION CHAMBER AT (OR NEAR) PROPERTY LINE AS PER MMCD STANDARD DETAIL DRAWING NO. S7; TO BE INSTALLED BY CITY OF VICTORIA FORCES AT DEVELOPER'S EXPENSE. 7. RESTORE ANY PAVEMENT MARKINGS (TRAFFIC ARROWS, CROSSWALKS, ETC.) AFFECTED BY CONSTRUCTION TO THE CITY'S 5. INSTALL A 150mm DEPTH LAYER OF CLEAR CRUSHED GRAVEL (NO FINES) OVER \ 31. CITY OF VICTORIA FORCES SHALL CAP AND ABANDON EXISTING SANITARY SEWER TO 515 FOUL BAY ROAD AT THE THE CLEAR CRUSHED GRAVEL LAYER TO PREVENT FINE PARTICLES OF SAND FROM SATISFACTION. 8. CONTRACTOR TO OBTAIN THE SERVICES OF A QUALIFIED ARBORIST, AND COORDINATE WORK WITH THE CITY OF VICTORIA DEVELOPER'S EXPENSE. ENSURE SERVICE TO 511 FOUL BAY ROAD NEXT TO IT REMAINS ACTIVE. INFILTRATING THIS LAYER PARKS DEPARTMENT REGARDING ANY WORK AROUND EXISTING TREES. 6. INSTALL MEDIUM WEIGHT GEOTEXTILE FABRIC (SUCH AS NILEX 4535 OR SIMILAR) 9. CONTRACTOR TO MAINTAIN AN UP-TO-DATE SET OF REDLINE DRAWINGS FOR THE PREPARATION OF AS-CONSTRUCTED STORM SEWER: OVER THE CLEAR CRUSHED GRAVEL LAYER TO PREVENT FINE PARTICLES OF SAND DRAWINGS. THE REDLINES ARE TO BE DELIVERED TO THE ENGINEER PRIOR TO SUBSTANTIAL PERFORMANCE. FROM INFILTRATING THIS LAYER 10. CONTRACTOR TO ENSURE EXISTING MONUMENTS AND IRON PINS ARE NOT DISTURBED DURING CONSTRUCTION, ANY THE BEDDING OR BASE LAYER AND NEW DRIVEWAY OR SIDEWALK SURFACE CAN 32. DRAIN SERVICES TO BE SIZED DURING DETAILED DESIGN C/W INSPECTION CHAMBER AT PROPERTY LINE AS PER MMCD MONUMENTS OR IRON PINS IN DANGER OF DISTURBANCE ARE TO BE REFERENCED AND, IF DISTURBED, BE REPLACED BE INSTALLED DIRECTLY ON TOP OF THE FELTED FILTER FABRIC STANDARD DETAIL DRAWING NO. S8; BY A BCLS AT THE CONTRACTORS EXPENSE. FILL SLOPES - WHERE POSSIBLE INSTALL LOOSE STACKED BOULDERS TO REDUCE 33. CATCH BASINS IF REQUIRED TO BE CONSTRUCTED AS PER CITY OF VICTORIA SUPPLEMENTARY STANDARD DETAIL DRAWING SD 11. FOR BOULEVARD TREES, GRASS, AND IRRIGATION, CONFIRM TO CITY OF VICTORIA SCHEDULE B3-4 SUPPLEMENTARY THE FOOTPRINT OF THE FILL SLOPES THAT ENCROACH WITHIN THE CRITICAL ROOT ZONE. FILL SLOPE MATERIALS MUST BE PERMEABLE TO AIR AND WATER. DO NOT DRAWINGS - PARKS, AND SCHEDULE C - SUPPLEMENTARY SPECIFICATIONS OF STREET TREES AND IRRIGATION. 34. CATCH BASIN LEADS TO BE 150mm PVC DR28 AND HAVE LEADS TO THE EXISTING MAIN. IF COVER IS LESS THAN 750MM, 12. ALL WORK TO BE UNDERTAKEN AND COMPLETED BY THE CONTRACTOR IN SUCH A MANNER AS TO PREVENT THE PILE FILL MATERIAL DIRECTLY AGAINST THE TRUNK OF A TREE USE DUCTILE IRON PIPE. RELEASE OF SEDIMENT LADEN WATER INTO THE AREA DRAINS OR ANY WATERCOURSES. 35. CITY OF VICTORIA FORCES SHALL CAP AND ABANDON EXISTING STORM SEWER SERVICE AT THE DEVELOPER'S EXPENSE. 13. ALL OFFSITE RESTORATION WORKS SHALL BE COMPLETED IN A PROMPT MANNER TO MINIMIZE LOCAL DISRUPTION ENSURE SERVICE TO 511 FOUL BAY ROAD REMAIN ACTIVE. TRENCHING, EXCAVATING, BACKFILLING, AND ROADWORKS: HYDRO, TELEPHONE, CABLE, STREETLIGHTING AND GAS: 14. CONTRACTOR TO EXCAVATE TO CONFIRM LOCATION AND ELEVATION OF EXISTING UTILITIES AT ALL CROSSINGS AND 36. CONTACT "BC 1 CALL" AT 1-800-474-6886 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CONNECTIONS AND CONFIRM ELEVATIONS WITH THE ENGINEER PRIOR TO CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND ARE REQUIRED TO BE CONFIRMED IN THE FIELD, ANY DAMAGE OR 37. CONTACT BC HYDRO, TELUS, SHAW CABLE AND FORTIS GAS 48 HOURS PRIOR TO THE START OF ANY EXCAVATION. 38. CONNECTION TO, OR ALTERATION OF, EXISTING BC HYDRO, TELUS, SHAW CABLE OR OTHER UTILITIES WILL BE UNDERTAKEN REPAIR TO EXISTING UTILITIES SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. BY THE APPROPRIATE UTILITY ONLY. 15. DO NOT START ANY BACKFILL OPERATION DURING CONSTRUCTION PRIOR TO THE ENGINEERS INSPECTION. HARD SURFACE ABOVE TREE ROOTS 39. BC HYDRO, TELUS, SHAW CABLE OR FORTIS GAS FACILITIES SHOWN ON THE ENGINEERING DRAWINGS ARE SCHEMATIC AND 16. CONTRACTOR TO ENSURE THAT ALL THE EXISTING SERVICES REMAIN IN OPERATION DURING CONSTRUCTION. ARE SHOWN FOR REFERENCE ONLY. CONSTRUCT UNDERGROUND HYDRO, TELEPHONE AND CABLE AS SPECIFIED AND IN 17. AFTER CONSTRUCTION, RESTORE WORK AREAS AND ALL EXISTING FEATURES TO THEIR ORIGINAL CONDITION OR BETTER ACCORDANCE WITH BC HYDRO, TELUS AND SHAW CABLE. REFER TO UTILITY DRAWINGS FOR DETAILS. TO THE SATISFACTION OF THE CITY OF VICTORIA AND/OR PRIVATE PROPERTY OWNER. (4) 40. BC HYDRO SHALL REMOVE THE EXISTING HYDRO POLE AND ANCHOR AT THE DEVELOPER'S EXPENSE. 18. ADJUST ALL PROPOSED AND EXISTING APPURTENANCES TO MEET THE FINAL GRADES. WORKS AND SERVICES CHECK TABLE 19. ALL UTILITY TRENCHING TO BE IN ACCORDANCE WITH CITY OF VICTORIA STANDARD DETAIL SPECIFICATIONS AND MMCD STD. DWG. NO. SS G4 AND MMCD SECTION 31 23 01. AUTHORIZED REPRESENTATIVE 20. CONSTRUCT ALL ROADWAYS AS SHOWN ON THE TYPICAL SECTIONS AND DETAIL DRAWINGS. VIP8722 VIP8722 21. ALL PAVING TO BE IN ACCORDANCE WITH MMCD SECTION 32 12 16. PLAN CHECKER DATE No. 611 FOUL BAY ROAD No. 549 FOUL BAY ROAD 22. ALL CONCRETE WALKS, CURBS AND GUTTERS TO BE IN ACCORDANCE WITH CITY OF VICTORIA SCHEDULE B3-1 SIGNATURE SUPPLEMENTARY DRAWINGS - CONCRETE AND MMCD SECTION 03 30 20. 23. ALL MOUNTABLE CURB (MC) TO BE CONSTRUCTED AS PER MMCD STD DWG C4. BC HYDRO 24. ALL GRANULAR BASE AND GRANULAR SUB-BASE TO BE IN ACCORDANCE WITH SECTION 31 05 17. 25. CONTRACTOR SHALL RETAIN AND PAY FOR THE SERVICES OF A QUALIFIED INDEPENDENT GEOTECHNICAL TESTING **TELUS** ENGINEER TO PROVIDE QUALITY CONTROL SERVICES DURING CONSTRUCTION AND SHALL PROVIDE AT A MINIMUM: - SIEVE ANALYSIS OF SANDS AND AGGREGATES SUPPLIED TO THE WORK IF REQUESTED BT(US)-74 **FORTIS** - STANDARD PROCTOR DENSITY CURVES FOR BACKFILL MATERIALS IF REQUESTED PROPOSED 3-PHASE PMT-- STANDARD PROCTOR DENSITY CURVES FOR APPROVED FILL MATERIALS IF REQUESTED - COMPACTION CONTROL TESTS FOR BACKFILL AND EMBANKMENT MATERIAL INCLUDING: SHAW GRANULAR BASE (CURBS) - ONCE PER 50 LINEAL METRES CONCRETE MIX DESIGN AND TESTING LAND DEVELOPMENT - CONCRETE STRENGTH TESTS (MINIMUM THREE SPECIMEN [ONE SET] CYLINDERS IN ACCORDANCE WITH CSA A23.1) FOR THE FOLLOWING: TRANSPORTATION • CURB AND GUTTER - ONE SET PER 150 LINEAL METRES (MINIMUM ONE SET PER DAY DURING CONCRETE PLACING) VIP12877 UNDERGROUND ASPHALT MIX DESIGN AND TESTING UNIT 300 UNIT 200/203 BC HYDRO PULL BOX No. 533 FOUL BAY ROAD - ASPHALT TESTS FOR THE FOLLOWING: SIZE AND FINAL LOCATION LFE 30.95m CURRENT AGGREGATE GRADATION CURVE **PARKS** TO BE DETERMINED GFE 30.80m • COMPACTION - ONE CORE FOR EVERY 500sq.m PLACED, MAXIMUM THREE. DURING DETAIL DESIGN JNIT 201/204 SL 4 COMMON UNIT 301 BLOCK 3 EXISTING GAS TO BE REMOVED AND-**LEGEND** RELOCATED AS PROPOSED ON THIS PLAN -LIMIT OF CIVIL DESIGN. GFE 30.80m REFER TO MECHANICAL PLANS FOR CONTINUATION AND SERVICING OF BLOCK 3 TREE TO BE REMOVED PERMEABLE PAVERS PER -REFER TO ELECTRICAL LANDSCAPE PLAN UNIT 302/303 DRAWINGS FOR SERVICING TO BLOCK 3 AND BLOCK 4 /LFE 30.95m NO BUILD COVENANT AREA TO BE RETAINED VIP12877 No. 527 FOUL BAY ROAD PRZ OF TREES ASPHALT PAVEMENT EXISTING GAS SERVICE TO BE RELOCATED-PERMEABLE SURFACING. -3-PHASE BC HYDRO JUNCTION SEE LANDSCAPE DRAWINGS BOX. FINAL LOCATION TO BE FOR DETAILS DETERMINED DURING DETAIL DESIGN PROPOSED CONCRETE UNIT 400/410 NEW WALL TO ABUT TO EXISTING. BLOCK ENSURE NEW RETAINING WALL IS LFE 31.55m VIS4077 MFE 32.10 LESS THAN 1.0m HIGH INSIDE No. 1880 CHANDLER AVE BFE 29.62 THE SITE TRIANGLE. LFE 31.55m WALL DESIGN BY OTHERS EXISTING MANOR TO REMAIN UNIT 400/41/1 SL 7 BLOCK 4 PRIVATE ELECTRICAL KIOSK-REFER TO ELECTRICAL PLANS LOT A EXISTING SIGN TO-BE RELOCATED EXISTING RETAINING-WALL TO BE REMOVED PARKING -NO PARKING SIGN CHANDLER AVE LINE PAINTING TO BE-REINSTATED (TYP) TIE INTO EXISTING NO BUILD COVENANT BOUNDARY DETAILED GRADING DURING BP OS(US)-111OS(US)-110 CHANDLER AVENUE FAIRFIELD ROAD -SUBDIVISION LOT LINE VIP1287 No. 511 FOUL BAY ROAD -EXISTING COLUMN LOCATION PLAN TO REMAIN LOT 1 N.T.S. OS-107 VIP9688 No. 615 FOUL BAY ROAD PROPOSED DEVELOPMENT OF LOT A, VICTORIA DISTRICT, PLAN VIP 12877 515 FOUL BAY ROAD EXISTING DRIVEWAY TO BE RETAINED. MAINTAIN VEHICULAR ACCESS DURING EXISTING FIRE-CONSTRUCTION. HYDRANT No. 0264 EXISTING DRIVEWAY TO BE CLOSED OFF -REPLACE EXISTING SEWER, DRAIN AND WATER SERVICES OVER THE EXISTING TRENCH. ONSITE POST CONSTRUCTION OF PROPOSED SEE LANDSCAPE DESIGN DRAWING PACKAGE FOR REVISED CLEANOUTS FOR SERVICE UPGRADES WITHIN THE COVENANT AREAS WILL BE FIELD AND AGREED DRIVEAWAY GEOMETRY, PARKING, VIP56433 FITTED TO REDUCE IMPACTS TO TREE #10. MATERIALITY AND ACCESSIBILITY CONSIDERATIONS No. 513 FOUL BAY ROAD WIDEN THE TRENCH AS NECESSARY TO MEET CURRENT BUILDING BYLAW STANDARDS FOR HORIZONTAL CLEARANCES AND PROVIDE A 3.0m RIGHT OF WAY. INSTALL SILT FENCING ALONG THE RIGHT OF WAY AND ENSURE MINIMUM DISTURBANCE TO SURROUNDINGS DURING INSTALLATION. RESTORE ORIGINAL GROUND TO IMPROVED CURRENT CONDITIONS AND ALLOW A MINIMUM OF 350mm GROUND COVER OVER THE NEW PIPES No. 1964 FAIRFIELD ROAD No. 1968 FAIRFIELD ROAD SEAL PROJECT PROJECT DESIGNER THE LOCATION AND ELEVATION OF **REVISIONS** LEGEND - Proposed services shown in bold or colour EXISTING UNDERGROUND SERVICES ON 515 FOUL BAY ROAD THIS DRAWING MAY NOT BE ACCURATE Pacific Vista Consulting Ltd. GOVERNING AUTHORITY FILE No. OR COMPLETE. THE ACTUAL HORIZONTAL TEL: (250)686-2267 NON-MTBLE CURB NMC WRLCivilDesigns@gmail.com **GMC PROJECTS INC.**

230911

230510

220923

2024-02-26

EGBC Permit 1003327

MOUNTABLE CURB

BRICK

ROAD SIGN

BUSHLINE ~~~

LOT PIN

LEAD PLUG =

REVISED PER CITY OF VICTORIA COMMENTS

DESCRIPTION

2 REVISED PER CITY OF VICTORIA COMMENTS

1 ISSUED FOR REZONING

3111 Woodpark Drive, Victoria, BC V9C 1P2

Telephone: 250-516-4143

ENGINEER

SCALE H

B.M

ELEV.

JULY 2022

GCM 677849

20.546m

PVC PROJECT NUMBER

PRELIMINARY OVERALL CIVIL PLAN

GENERAL NOTES

AND KEYPLAN

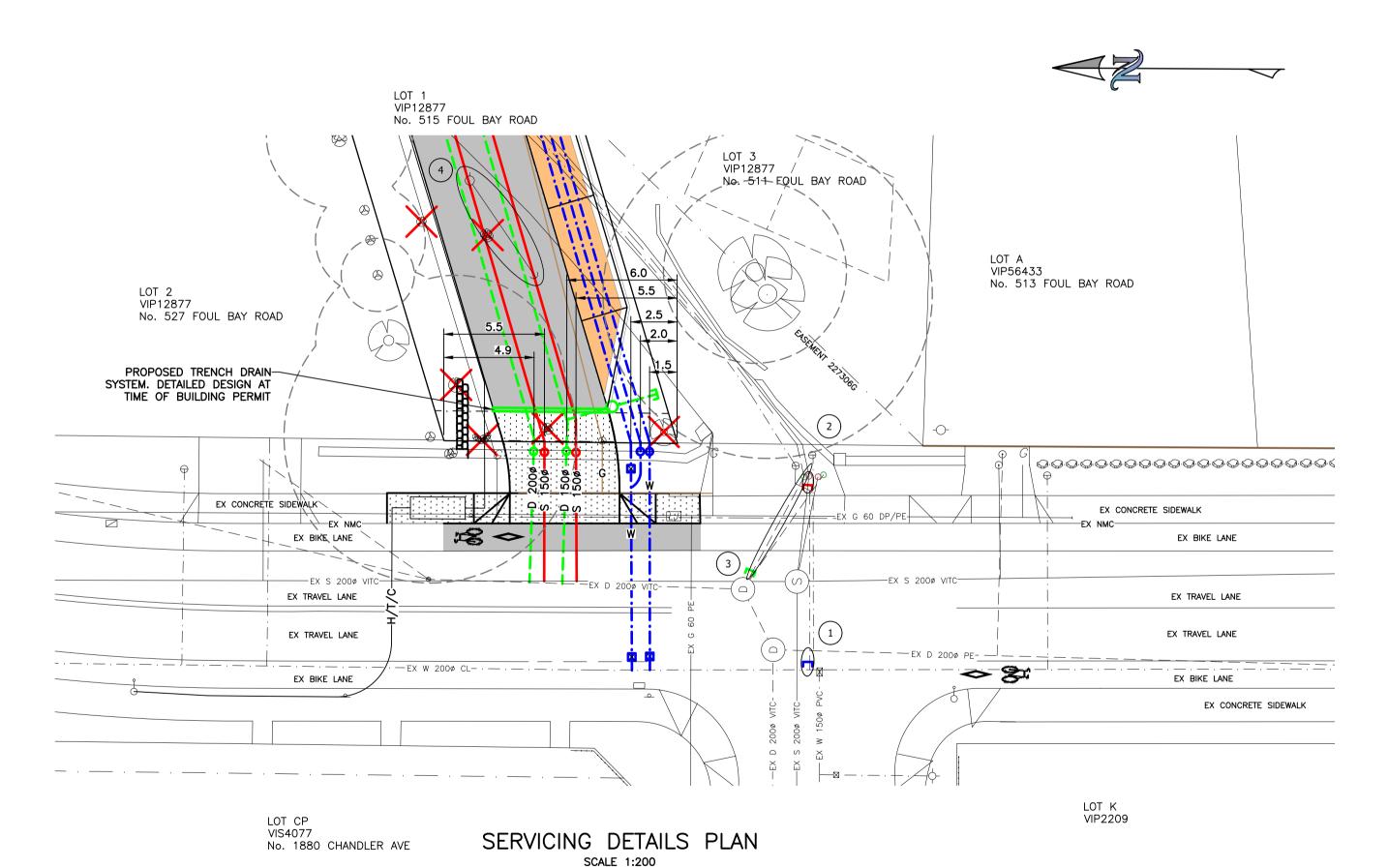
22-154

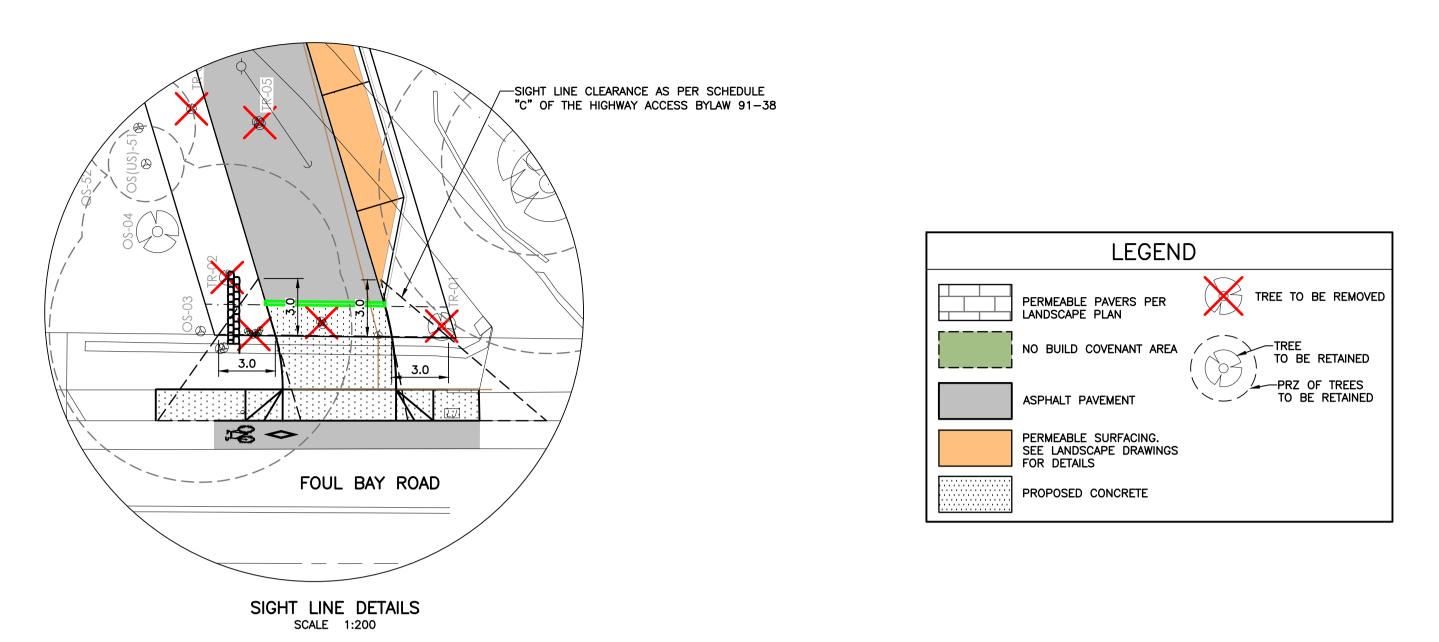
of **2**

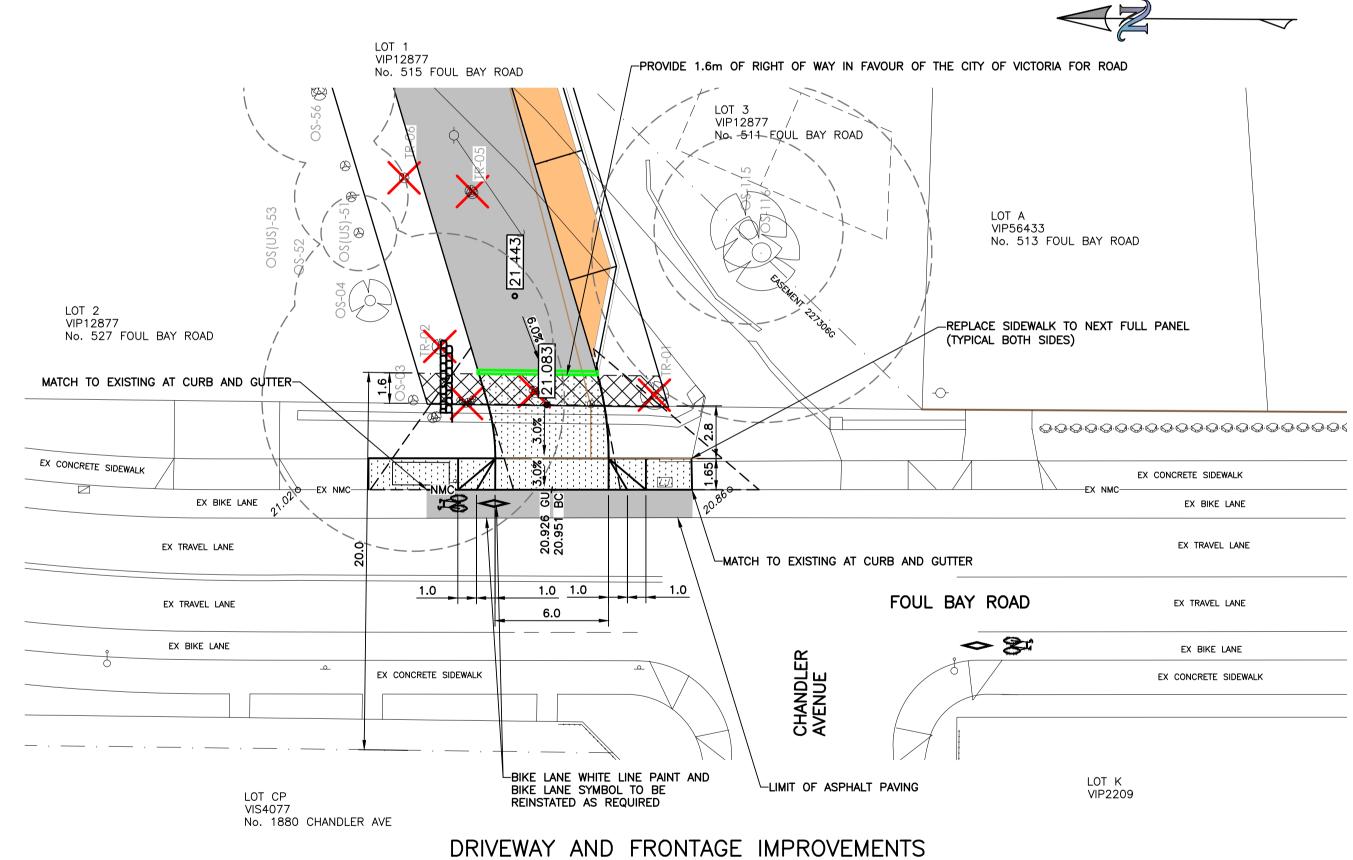
DRAWING No.

C01

- (1) 29. CITY OF VICTORIA WATER FORCES SHALL CAP AND ABANDON THE EXISTING WATER SERVICE AT THE DEVELOPER'S EXPENSE. SANITARY SEWER:
- 2 31. CITY OF VICTORIA FORCES SHALL CAP AND ABANDON EXISTING SANITARY SEWER AT THE DEVELOPER'S EXPENSE. ENSURE SERVICE TO 511 FOUL BAY ROAD REMAIN ACTIVE.
- 35. CITY OF VICTORIA FORCES SHALL CAP AND ABANDON EXISTING STORM SEWER SERVICE TO 515 FOUL BAY ROAD AT THE DEVELOPER'S EXPENSE. ENSURE SERVICE TO 511 FOUL BAY ROAD NEXT TO IT REMAINS ACTIVE. HYDRO, TELEPHONE, CABLE, STREETLIGHTING AND GAS:
- 4) 40. BC HYDRO SHALL REMOVE THE EXISTING HYDRO POLE AND ANCHOR AT THE DEVELOPER'S EXPENSE.







SCALE 1:200



SEE LANDSCAPE DESIGN DRAWING PACKAGE FOR REVISED AND AGREED DRIVEAWAY GEOMETRY, PARKING, MATERIALITY AND ACCESSIBILITY CONSIDERATIONS

THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND SERVICES ON THIS DRAWING MAY NOT BE ACCURATE
OR COMPLETE. THE ACTUAL HORIZONTAL
AND VERTICAL LOCATIONS MUST BE
CONFIRMED BY UTILITY COMPANIES AND THE CONTRACTOR PRIOR TO THE START OF ANY EXCAVATION REQUEST LOCATE TICKETS AT

Dig Shaw

BC 1C

 \square / \square

WATER ____ SEWER MANHOLE FLUSH LEAD PLUG =

REVISIONS LEGEND - Proposed services shown in bold or colour NON-MTBLE CURB NMC MOUNTABLE CURB MC REVISED PER CITY OF VICTORIA COMMENTS COBRA/DAVIT LIGHT GRAVEL REDUCER -/ -2 REVISED PER CITY OF VICTORIA COMMENTS BRICK ORNAMENTAL STREETLIGHT # / * INVERT GUTTER I ISSUED FOR REZONING POWER POLE **(**} DESCRIPTION ROAD SIGN | BUSHLINE ~~~



230911

230510

220923

DATE

Pacific Vista Consulting Ltd. 3111 Woodpark Drive, Victoria, BC V9C 1P2 Telephone: 250-516-4143

PROJECT PROJECT DESIGNER TEL: (250)686-2267 Civil Design Services WRLCivilDesigns@gmail.com ENGINEER JULY 2022 DATE GCM 677849 B.M. 20.546m ELEV. SCALE H

515 FOUL BAY ROAD **GMC PROJECTS INC.** PRELIMINARY CIVIL DETAILS

PVC PROJECT NUMBER 22-154 GOVERNING AUTHORITY FILE No. 2 of 2 DRAWING No. C02





