# TENANT IMPROVEMENT - BALLET ACADEMY

**BUILDING CODE ANALYSIS - TENANT IMPROVEMENTS** 

BALLET SCHOOL

900 MINIMUM

915 PROPOSED DOORWAY CLEAR WIDTH:

800 MINIMUM

OCCUPANTS OF EACH SEX

PROVIDED, LEVEL 1<sup>1</sup> DEEMED PRACTICAL.

FROM STREET TO MAIN ENTRANCE:

**SURVEY** 

ED PRIOR

PARKING TO ENTRANCE:

136 WATER

REQUIRED

Y PROVIDED

**NOTES** 

FIRE SEPARATIONS.

ASSEMBLY OCCUPANCY

Y REQUIRED<sup>1</sup> NOTE: ALL FLOOR ASSEMBLIES SHALL BE CONSTRUCTED AS

Y REQUIRED<sup>1</sup> NOTE: PUBLIC CORRIDORS TO BE SEPARATED FROM STOREY

BY FIRE SEPARATION WITH F.R.R. ≥ 45MIN

2 REQUIRED¹ 2 REQUIRED IF ROOM ≥150m² OR TRAVEL DISTANCE ≥ 15m

DISTANCE TO AT LEAST ONCE EXIT ≤ 30m

1100 MINIMUM <sup>1</sup> GREATER OF 1100mm OR 6.1mm PER OCCUPANT

1100 PROPOSED <sup>3</sup> GREATER OF 800mm OR 6.1mm PER OCCUPANT

800 PROPOSED

2 PROVIDED

<sup>2</sup> GREATER OF 900mm OR 8mm PER OCCUPANT

<sup>1</sup>OCCUPANT LOAD AS DETIRMINED BY SPACE

3 REQUIRED 3 REQUIRED 0 REQUIRED 3 PROPOSED 3 PROPOSED 1 PROPOSED

FACILITIES AND TO ACCESSIBLE WASHROOMS.

EXISTING BUILDING HAS BEEN RENOVATED AND

OCCUPANCY CHANGED, ACCESS TO BE PROVIDED WHERE

<sup>1</sup> ALL REQUIREMENTS OF 3.7.2.10.(9) TO BE MET IN

UNIVERSAL TOILET ROOM

SCHOOLS, COLLEGES: ACCESS PROVIDED TO EDUCATIONAL 3.8.2.17.

PROPOSED¹ CALCULATIONS. ACTUAL PEAK OCCUPANT LOAD REPORTED

AT 40 PERSONS, AS PROVIDED BY CLIENT.

MUST BE SEPARAED BY  $\geq 1/2$  OVERALL DIAG. DISTANCE OF FLOOR AREA

<sup>1</sup> EXISTS SHALL BE LOCATED SO THAT THE TRAVEL

NO. ITEM

2-3 TOTAL FLOOR AREA (m<sup>2</sup>)

FIRE SEPARATIONS

EGRESS DOORWAYS

1 EXIT SIGNS

WATER CLOSETS

ACCESSIBILITY BY OCCUPANCY

ACCESSIBILITY FOR PERSONS WITH

CLASSIFICATION

ACCESSIBILITY

-16 UNIVERSAL TOILET ROOM

**ELECTRICAL** 

250-900-5703

TRAVEL DISTANCE (m)

EXIT WIDTHS AND CAPACITY OF

10 NUMBER & LOCATION OF EXITS FROM 2 REQUIRED

MAJOR OCCUPANCY CLASSIFICATION

## DEVELOPMENT PERMIT APPLICATION 2713 QUADRA STREET, VICTORIA BC V8T 4E5

### **PROJECT DATA**

GENERAL PROPERTY INFORMATION	
<u>ITEM</u>	<u>DESCRIPTION</u>
PROJECT DESCRIPTION	TENANT IMPROVEMENTS COMPRISED OF EXTERIOR ALTERATION AND INTERIOR RENOVATION OF A SINGLE UNIT WITHIN AN EXISTING 2-STOREY COMMERCIAL CONCRETE BLOCK BUILDING.
CIVIC ADDRESS	2713 QUADRA STREET, VICTORIA BC V8T 4E5
PROPERTY IDENTIFICATION NUMBER	003-983-943
LEGAL DESCRIPTION	LOT 3, BLOCK 15, SECTION 3, PLAN VIP46654
AUTHORITY HAVING JURISDICTION	CITY OF VICTORIA
APPLICABLE BUILDING CODE	BRITISH COLUMBIA BUILDING CODE, 2018 EDITION, INCLUDING ALL AMENDMENTS

## **BUILDING CODE ANALYSIS - BASE BUILDING**

1 - B	ASE BUILDING		
<u>NO.</u>	<u>ITEM</u>	DESCRIPTION	REFERENCE(S)
1-1	PROJECT TYPE	NEW CONSTRUCTION RENO. ADDITION TENANT IMPROVEMEN	Т -
1-2	GOVERNING BUILDING CODE	2018 BC BUILDING CODE, INCLUDING ALL AMENDMENTS	-
1-3	BUILDING CODE PARTS APPLICABLE	PART: 1 2 3 4 5 6 7 8 9 10  .: A	DIV A - 1.3.3.
1-4	MAJOR OCCUPANCY(IES)	A1 A2 A3 A4 B1 B2 C D E F1 F2 F3	3.1.2.
1-5	MULTIPLE MAJOR OCCUPANCIES	YES NO	3.1.2.
1-6	FIREWALL(S)	YES NO	3.1.10.
1-7	OCCUPANT LOAD	272 SEE ATTACHED CALCULATIONS	3.1.17., 3.1.2.6.
1-8	BUILDING AREA (m²)	800m <sup>2</sup> MAXIMUM 511m <sup>2</sup> PROPOSED	1.4.1.2.
1-9	BUILDING HEIGHT (m)	9.2m PROPOSED	
1-10	BUILDING HEIGHT (STOREYS)	2 PERMITTED 2 PROPOSED	1.4.1.2.
1-11	CONSTRUCTION TYPE(S)	COMBUSTIBLE:     PERMITTED     PROPOSED     N/A       NON-COMBUSTIBLE:     PERMITTED     PROPOSED     N/A	1.4.1.2., 3.2.2.25.
1-12	ASSEMBLY FIRE-RESISTANCE RATINGS	MIN. F.R.R. (MIN):  LOADBEARING ELEMENTS TO HAVE SAME F.R.R. AS SUPPORTED ASSEMBLY.	
1-13	FIRE ALARM & DETECTION SYSTEM	REQUIRED PROVIDED N/A	3.2.4.1.(1.)
1-14	AUTOMATIC SPRINKLER SYSTEM	REQUIRED PROVIDED N/A	3.2.5.12.
1-15	MEZZANINE(S)	YES NO	3.2.8.2.
1-16	INTERCONNECTED FLOOR SPACE	YES NO	3.2.8.2.
1-17	NUMBER OF STREETS FACING	1 STREET(S) FACING	1.4.1.2.
1-18	FIRE DEPARTMENT ACCESS ROUTES	REQUIRED PROVIDED N/A	3.2.5.4.
1-19	HIGH BUILDING	YES NO	3.2.6.
1-20	ROOF ACCESS	REQUIRED PROVIDED N/A	3.2.5.3.
1-21	STANDIPIPE SYSTEM	REQUIRED PROVIDED N/A COMMENT	3.2.5.8.
1-22	LIGHTING AND EMERGENCY POWER	REQUIRED PROVIDED N/A SEE ELEC. DRAWINGS	3.2.7.
1-23	EMERGENCY GENERATOR	YES NO	3.2.7.
1-24	ACCESS FOR PERSONS W/ DISABILITIES	REQUIRED PROVIDED UNIVERSAL W/C PROVIDED ON MAIN LEVEL	3.8.4.5.
1-25	ALTERNATE SOLUTIONS REQUIRED	YES NO	-

ROOM/SUITE OCC	CUPANCY TYPE	AREA (m²)	<u>AREA PER</u> <u>PERSON (m²)</u>	<u>OCCUPANTS PEI</u> <u>ROOM</u>
MAIN LEVEL				
CLASSROOM 1 CLA	SSROOM	117	1.85	63
CLASSROOM 2 CLA	SSROOM	117	1.85	63
MEETING ROOM	OFFICE	11	9.30	1
ARTISTIC DIRECTOR	OFFICE	10	9.30	1
TEACHER'S OFFICE	OFFICE	14	9.30	2
OFFICE 1	OFFICE	10	9.30	1
OFFICE 2	OFFICE	10	9.30	1
ADMINISTRACTION	OFFICE	10	9.30	1
RECEPTION	OFFICE	9	9.30	1
LOBBY/RECEPTION AREA	LOUNGE	23	3.70	6
PILATES/STRETCHING	EXERCISE	68	4.645	15
		LEVE	L SUBTOTAL	155
LEVEL 2				
CLASSROOM 3 CLA	SSROOM	192	1.85	104
PTP LOUNGE LOU	JNGE	49	3.70	13
		LEVE	L SUBTOTAL	117
	OTAL CALCULAT	FD OCCUPANT I	LOAD (ALL LEVELS):	272

OCCUPANT LOADS DETIRMINED BY TENANT USAGE AT EXISTING BALLET STUDIO.

**APPLICANT** 

EPHREM LAI, DIRECTOR

SIGNS TO BE POSTED AT STUDIO ENTRANCES INDICATING OCCUPANT LOAD NOT TO EXCEED 60

**CONSULTANTS** 

CHRISTINE LINTOTT

<u>ARCHITECTURAL</u>

250-384-1969



3.3.1.

3.2.2.25.

3.3.1.5.

3.4.2.3.

3.3.1.17.,

3.4.3.2.A

3.4.5.1.

3.7.2.10.(9)

SSEMBLY W1a.

TABLE 9.10.2.1.-A)

(PER BCBC 2018 S1,

TABLE 9.10.2.1.-A)

Axonometric Front View

- 92mm STEEL STUD FRAMING, 400 O.C

- MINEREAL WOOL INSULATION, FULL

- 15.9mm GWB, TYPE "X"

- 92mm STEEL STUD FRAMING

- 13mm GWB

Sheet Number

A0.00

A1.00

A2.02

A3.01

A4.01

### - 2713 QUADRA STREET



**Site Context View** 

Revision

Description

Consultant

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February 15, 2019

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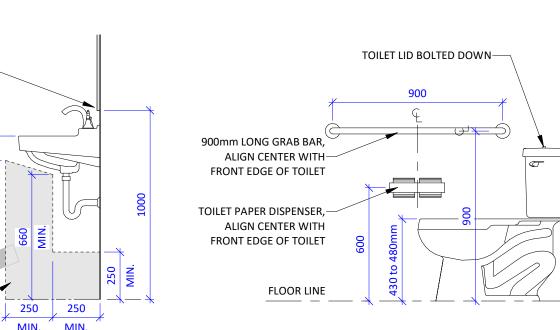
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**Permit Application** 

Issue

### **WALL ASSEMBLIES FLOOR ASSEMBLIES ROOF ASSEMBLIES** LEVEL 1 - EXISTING SLAB-ON-GRADE LEVEL 2 - EXISTING FLOOR -PLYWOOD SUBFLOOR 100mm CONCRETE SLAB - CONCRETE MASONRY UNITS 190mm " ROOFMATE INSULATION ENGINEERED JOISTS OR RAFTERS, 100mm RIGID INSULATION 100mm OR 600mm O.CO. - 5/8" SHEATHING - 2 LAYERS 16mm TYPE "X" GWB 30" TRUSSED JOISTS @ 32" O.C. 39X89 WOOD STUDS,400 OR 600 O. GRANULAR BASE PER BCBC 2018 - SUBFLOOR - PROTECTION BOARD FIRE RATED - 45 MIN FIRE RATED - 45 MIN LEVEL 1 - NEW SLAB INFILL PER BCBC 2018 TABLE D.2.2.1. THICKNESS 25mm 10mil POLY VAPOUR - ROLL-APPLIED AIR/VAPOUR BARRIER EVEL 1 - FINISHED WOOD FLOOR (STUDIOS) - 15.9mm GWB, TYPE "X" - ENGINEERED TRUSSED JOISTS, 400 OR 600 100mm MIN. COMPACTED - 152mm STEEL STUD FRAMING @ 400 O. WOOD FLOORING - MINERAL WOOL INSULATION, FULL ASSEMBLY S14h. EVELS 1 & 2 - FINISH FLOOR CEILING - GWB - 15.9mm GWB, TYPE "X" - 92mm STEEL STUD FRAMING TABLE 9.10.2.1.-A) - 16mm TYPE "X" GWB - 15.9mm GWB, TYPE "X"

BOTTOM EDGE OF MIRROR AT 1000mm A.F.F. UNLESS TILTABLE



## **GENERAL NOTES**

- WORK TO COMPLY WITH THE BRITISH COLUMBIA BUILDING CODE 2018 EDITION. CONTRACTOR TO VERIFY DIMENSIONS AND ASPECTS OF DRAWINGS TO AGREE AND MAKE
- EXISTING DRAWGINS SHOWN HAVE BEEN DERIVED FROM DRAWINGS PROVIDED BY CLIENT AND THE EXISTING SURVEY INCLUDED. CONTRACTOR TO COORDINATE ANY
- DEVIATIONS FROM THIS DRAWIGNS AND MUST BE AUTHORIZED BY THE ARCHITECT.
- INTERIOR STAIR WIDTH EQUAL TO OR EXCEEDING 900mm AND REQUIRES HANDRAILS

CONTRACTOR TO REPORT ANY DEVIATIONS, INCLUDING MATERIAL CHANGES, TO THE

- ALL CORRIDORS MUST HAVE UNOBSTRUCTED WIDTH OF 1100mm IN ALL INSTANCES.
- STAIRS AND COMPONENTS MUST BE CONSTRUCTED TO SECTION 3.4.6. IN ALL INSTANCES.
- ARCHITECT PRIOR TO PROCEEDING WITH WORK.

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Project Data

Victoria Academy

of Ballet - Tenant

**Improvements** 

2713 Quadra Street,

Victoria BC V8T 4E5

EIGHT DIAMOND HOLDINGS LTD. CHRISTINE LINTOTT ARCHITECTS PRIOR ENGINEERING LTD. PRIOR ENGINEERING LTD. GC ENGINEERING LTD. 250-595-8327 SUITE 1 - 864 QUEENS AVENUE 1151 JOLIVET CRESCENT 1151 JOLIVET CRESCENT 1865 FRANSISCO TERRACE VICTORIA, BC V8T 1M5 VICTORIA, BC V8N 6G9 VICTORIA, BC V8X 3P3 VICTORIA, BC V8X 3P3

**STRUCTURAL** 

GREG CARSON

778-533-9242

Architectural Drawing List

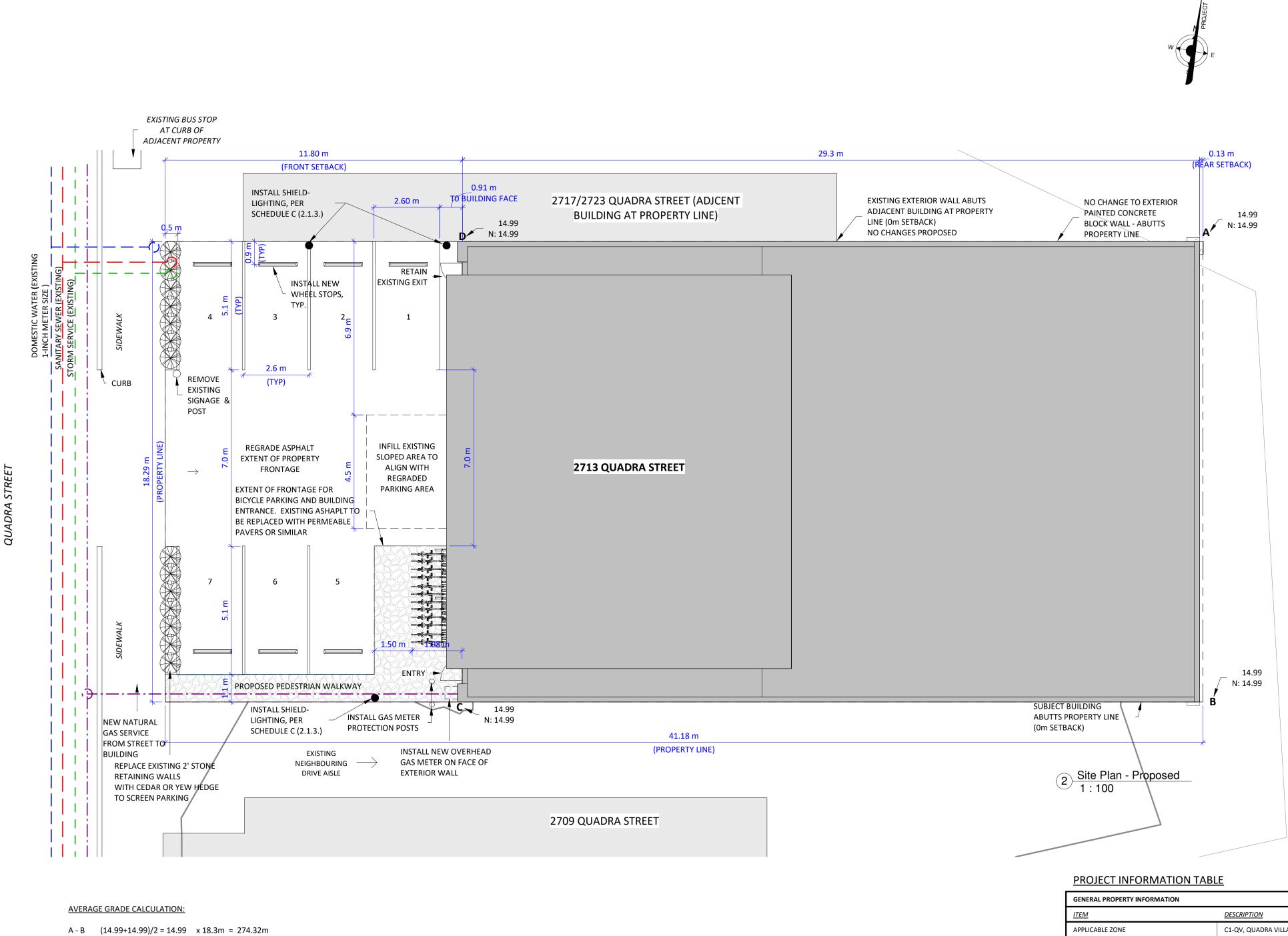
Site & Landscape Plan & Project

Floor Plans - Second Level & Roof Plan

Building Sections & Street Context

Information Table

Floor Plans - Main Level



A - B (14.99+14.99)/2 = 14.99 x 18.3m = 274.32m B - C (14.99+14.99)/2 = 14.99 x 29.5m = 442.21m C - D (14.99+14.99)/2 = 14.99 x 6.9m = 103.43m

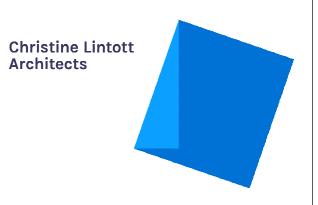
D - A (14.99+14.99)/2 = 14.99 x29.5m = 442.21m

84.2m 1,262.17m

AVERAGE GRADE: 1,262.17/84.2m = 14.99m

N = NATURAL GRADE

<u>ITEM</u>	<u>DESCRIPTION</u>	BYLAW#
APPLICABLE ZONE	C1-QV, QUADRA VILLAGE DISTRICT - PROFESSIONAL BUSINESS: BALLET SCHOOL	
SITE AREA	753.1m <sup>2</sup>	-
TOTAL FLOOR AREA (m²)	760.4m <sup>2</sup> TOTAL FLOOR AREA IS SAME AS COMMERCIAL FLOOR AREA	3.3.1.
FLOOR SPACE	1.4:1 ALLOWABLE 1:1 PROPOSED	4.52-10.
SITE COVERAGE %	71%	-
OPEN SITE SPACE %	6.4%	-
BUILDING HEIGHT (m)	+14.99m AVERAGE NATURAL GRADE +14.93m PROPOSED AVERAGE GRADE +15.5m ALLOWABLE 9.2m PROPOSED	4.52-3.
NUMBER OF STOREYS	4 ALLOWABLE 2 PROPOSED	4.52-3.
PARKING STALLS	38 REQUIRED 7 PROVIDED¹  ¹VARIANCE REQUESTED: PER THE 38 STALLS REQUIRED, A VARIANCE OF 31 STALLS IS REQUESTED FROM THE 7 PROVIDED	SCHEDULE C: 1.2 TABLE 1.
BICYCLE PARKING	3 REQUIRED 12 PROVIDED	SCHEDULE C: 1.2 TABLE 1.
LANDSCAPE BUFFER (m)	1.0m REQUIRED 0.5m EXISTING/PROVIDED <sup>1</sup> <sup>1</sup> VARIANCE REQUESTED TO MAINTAIN EXISTING LANDSCAPE BUFFER OF 0.5m CONSISTING OF SOFT LANDSCAPING PLANTINGS	SCHEDULE C: 2.3
BUILDING SETBACKS	FRONT YARD (WEST) SETBACK (m):  3 REQUIRED 11.8 EXISTING DISTANCE MAX FROM QUADRA ST  0 REQUIRED 0.13 EXISTING  SIDE YARD (SOUTH) SETBACK (m):  2.3 REQUIRED 0 EXISTING  2 GREATER OF 25% BUILDING HEIGHT OR	4.52-5 & 4.52-6
	SIDE YARD (NORTH) SETBACK (m):  0 REQUIRED 0 EXISTING  COMBINED SIDEYARDS (m):	



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Re-Submission 2019

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Victoria Academy of Ballet - Tenant Improvements

> 2713 Quadra Street, Victoria BC V8T 4E5

Site & Landscape Plan & Project Information Table

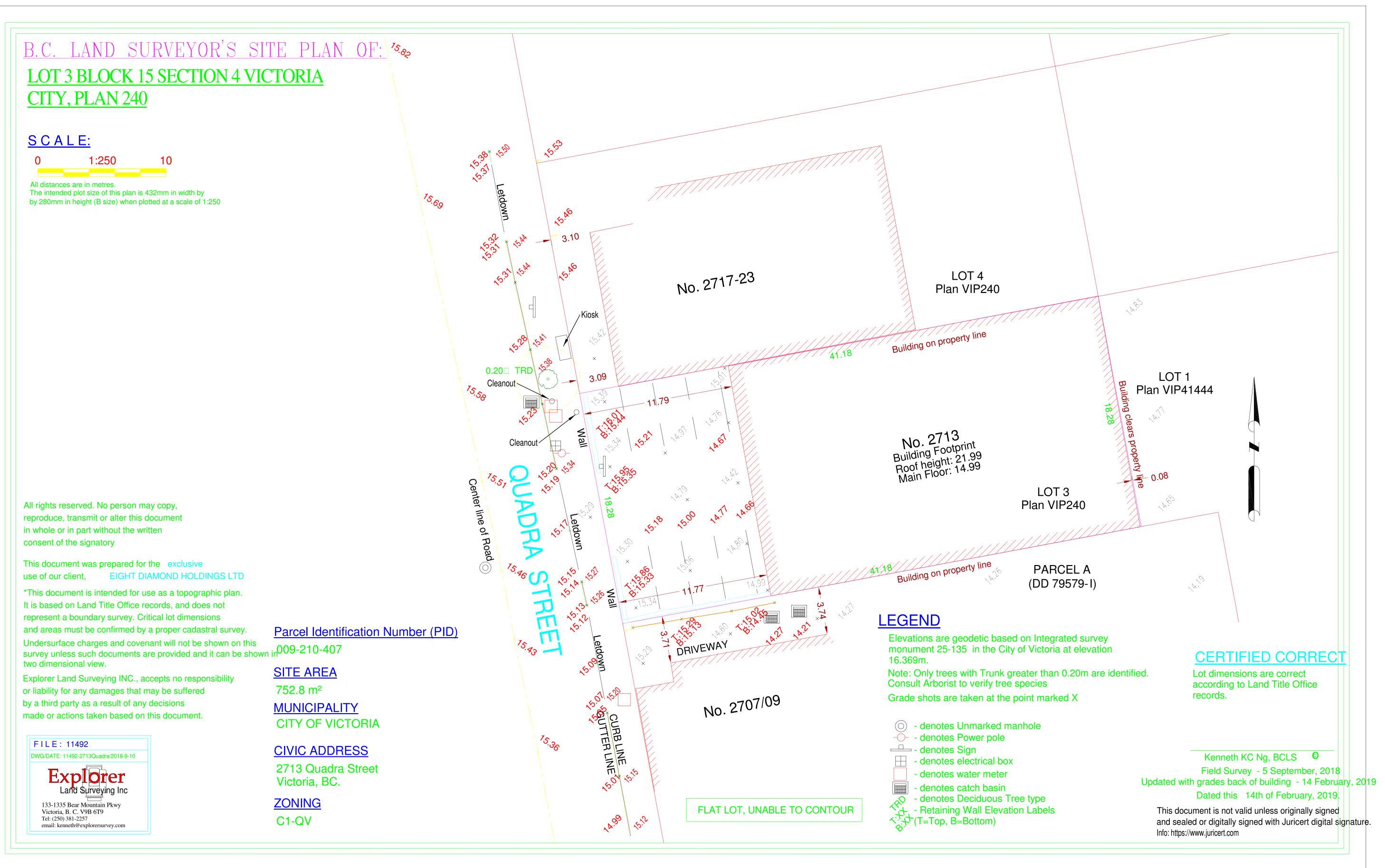
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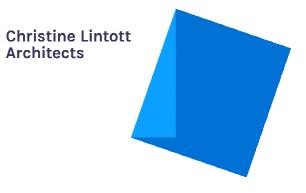
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Site Survey

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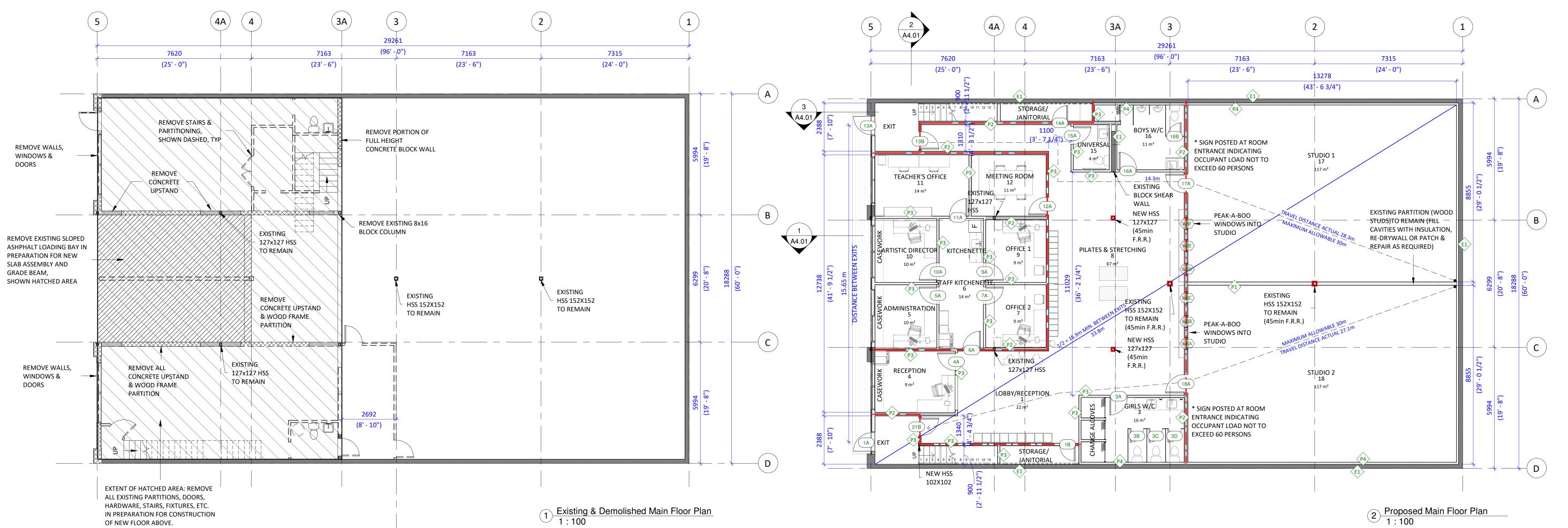
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No. Type		Head Height Widt		
Δ	0610 x 1220mm	1067	610	
<u>.                                    </u>	0610 x 1220mm	1067	610	
9C	Curtain Wall Glazing	1007	1598	
9B	Curtain Wall Glazing		1425	
9C	Curtain Wall Glazing		1425	
9B	Curtain Wall Glazing		1623	
9A	Curtain Wall Glazing		1598	
	Curtain Wall Glazing		1598	
9D	Curtain Wall Glazing		1623	
	Curtain Wall Glazing		1598	
	0610 x 1220mm	1067	610	
	850 x 900mm 2	2747	1509	
	850 x 900mm 2	2747	1509	
	850 x 900mm 2	2747	1509	
	850 x 900mm 2	2807	1509	
	850 x 900mm 2	1754	1509	
	850 x 900mm 2	2536	1509	
	0610 x 1220mm	2639	610	
	0610 x 1220mm	2639	610	
	0610 x 1220mm	2639	610	
3	0610 x 1220mm	1067	610	
F	0610 x 1220mm	1067	610	
D E	0610 x 1220mm	1067	610	
	0610 x 1220mm	1067	610	
)A	0915 x 1830mm	2135	4000	
ОВ	0915 x 1830mm	2135	4000	

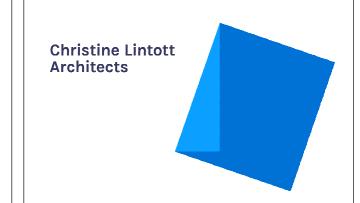
No.	Туре	Height	Width	Comments
		1	T	T
1A	Α	2133	915	EXTERIOR
1B	С	1829	762	INTERIOR
3A	В	2032	864	INTERIOR
3B	D	2032	660	INTERIOR
3C	D	2032	660	INTERIOR
3D	D	2032	660	INTERIOR
4A	В	2032	864	INTERIOR
5A	В	2032	864	INTERIOR
6A	В	2032	864	INTERIOR
7A	В	2032	864	INTERIOR
9A	В	2032	864	INTERIOR
10A	В	2032	864	INTERIOR
11A	В	2032	864	INTERIOR
12A	В	2032	864	INTERIOR
13A	Α	2133	915	EXTERIOR
13B	В	2032	864	INTERIOR
14A	С	1829	762	INTERIOR
15A	В	2032	864	INTERIOR
16A	В	2032	864	INTERIOR
16B	D	2032	660	INTERIOR
17A	E	2032	915	INTERIOR
18A	E	2032	915	INTERIOR
19A	В	2032	864	INTERIOR
19B	В	2032	864	INTERIOR
19C	F	2135	915	INTERIOR
19D	F	2135	915	INTERIOR
20A	В	2032	864	INTERIOR
20A 20B	В	2032	864	INTERIOR
20B 21A	В	2032	864	INTERIOR
21A 21B	В	2032	864	INTERIOR

Grand total: 30



(EXSITING FOOTINGS TO REMAIN)





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Description Development Permit April 25, 2019 **Re-Submission** 

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Victoria Academy of Ballet - Tenant Improvements

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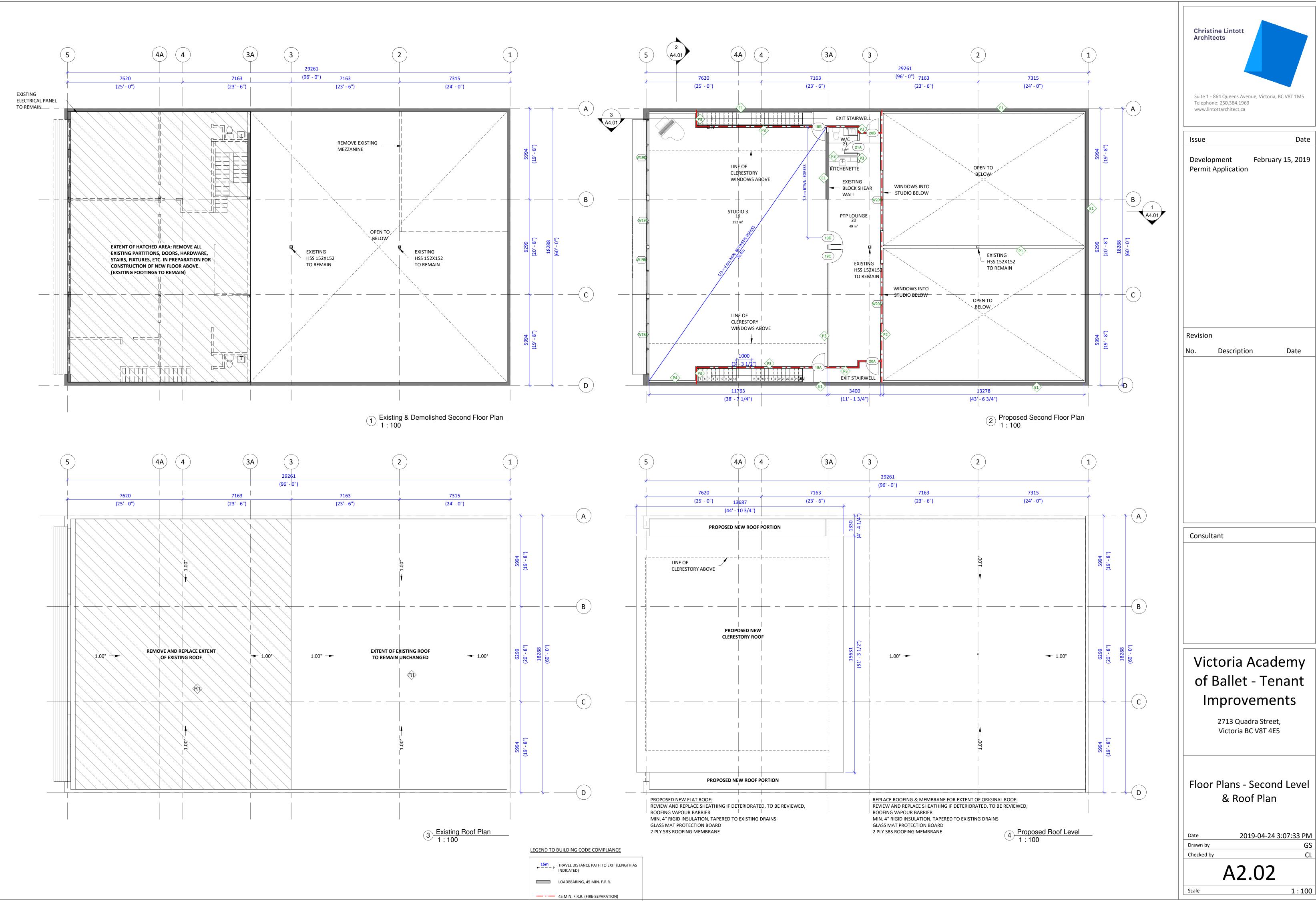
Floor Plans - Main Level

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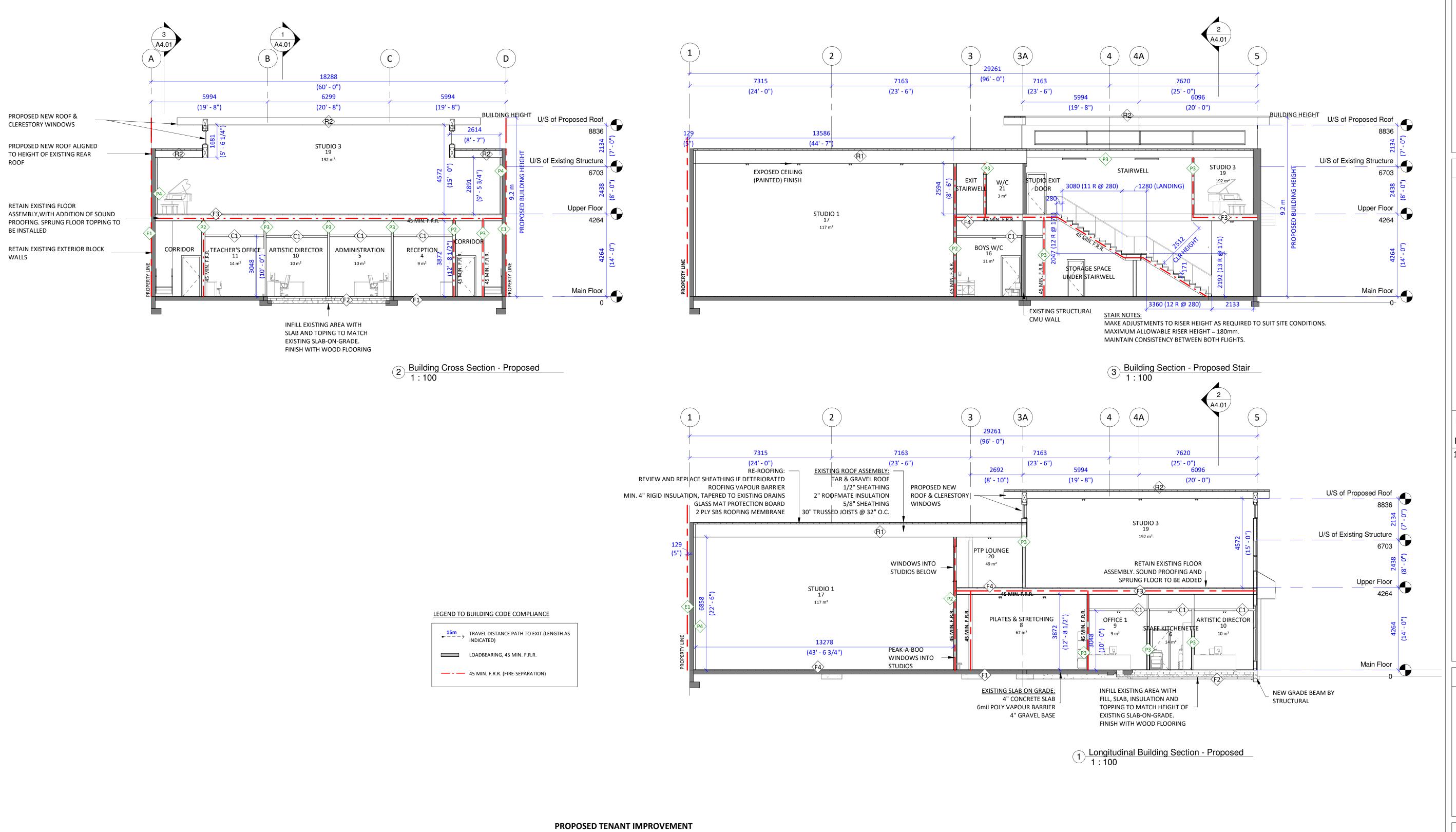
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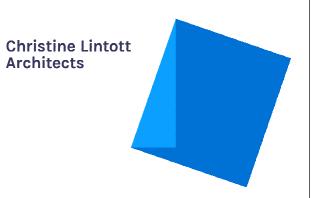
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Proposed Front Elevation Context
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## Victoria Academy of Ballet - Tenant Improvements

2713 Quadra Street, Victoria BC V8T 4E5

Building Sections & Street Context Elevation

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