

## **BUILDING PERMIT COVER PAGE MHP 23024**

**Development Services Department Building Permit and Inspection Services** 

### **SOIL CONDITIONS**

SOIL CONDITIONS SHALL BE VERIFIED BY A PROFESSIONAL ENGINEER COMPETENT IN THE FIELD OF SOIL ENGINEERING, PRIOR TO PLACING ANY FOUNDATION.

THE PERMIT PLANS HAVE BEEN **ANY FUTURE CHANGES WILL REQUIRE A SEPARATE BUILDING PERMIT** 

#### ACCEPTED AS NOTED PERMIT PLANS **REVIEWED BY** DATE REVIEW **ZONING** PLANNING **ARCHITECTURAL** CMNOV 4, 2023 STRUCTURAL FIRE CARD PLUMBING MECHANICAL PLANS REVIEW CMNOV 4, 2023 COMPLETED

### **PLUMBING INSTALLATIONS**

ALL PLUMBING INSTALLATIONS ARE TO BE DONE BY A PLUMBING CONTRACTOR POSSESSING AN ONTARIO COLLEGE OF TRADES MEMBERSHIP, NO PLUMBING IS TO BE COVERED UNTIL INSPECTED AND APPROVED BY A PLUMBING INSPECTOR. TELEPHONE 905-436-5658 WHEN READY FOR AN INSPECTION AND TESTING.

ALL STANDARDS REFERRED TO IN THESE BUILDING PERMIT DOCUMENTS SHALL BE THE **EDITION** DESIGNATED IN OBC 2012 AS AMENDED.

## NOTE:

IT IS RECOMMENDED THAT CRUSHED CONCRETE OR SLAG AGGREGATE **NOT** TO BE USED FOR BACKFILL UNDER CONCRETE SLABS, AROUND SEWER LATERALS OR WEEPERS.

RAIN WATER DOWNSPOUTS ARE TO BE DISCHARGED AT GRADE AND NOT CONNECTED TO WEEPING TILES

### **FUTURE ALTERATIONS**

A SEPARATE BUILDING PERMIT IS REQUIRED FOR ANY PROPOSED INTERIOR PARTITIONS AND/OR ALTERATIONS.

COPY OF THE STAMPED/REVIEWED DRAWINGS MUST REMAIN ON SITE DURING CONSTRUCTION.

### **MHP CERTIFICATION**

ALL MARKUPS AND STAMPS APPLIED TO BASE MODEL AND BASE ELEVATION SHALL APPLY AS APPLICABLE TO THE ENTIRE MODEL HOUSE

### **AS BUILT SURVEY**

UPON COMPLETION OF THE FOUNDATION, A SURVEY PREPARED BY AN ONTARIO LAND SURVEYOR INDICATING THE LOCATION OF THE **BUILDING TO ALL PROPERTY LINES IS** REQUIRED TO BE SUBMITTED TO THE BUILDING **DEPARTMENT** 

### **IMPORTANT NOTE**

NEITHER THE ISSUANCE OF A PERMIT NOR THE CARRYING OUT OF INSPECTIONS BY THE CITY RELIEVE THE APPLICANT FROM FULL RESPONSIBILITY FOR COMPLIANCE WITH THE PROVISIONS OF THE BUILDING CODE ACT AND THE ONTARIO BUILDING CODE, BOTH AS AMENDED, AS WELL AS OTHER APPLICABLE STATUES AND REGULATIONS OF THE PROVINCE OF ONTARIO AND ALL RELEVANT BY-LAWS OF THE CITY OF OSHAWA AND THE REGIONAL MUNICIPALITY OF DURHAM.

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. WE RECOMMEND YOU USE A QUALIFIED ELECTRICAL CONTRACTOR. FOR MORE INFORMATION PLEASE CALL:



1-877-ESA-SAFE OR VISIT WWW.ESASAFE.COM

### **OBC 9.10.14.5 - CLADDING**

CLADDING ON THE EXPOSING BUILDING FACE IS PERMITTED TO BE VINYL WHEN WITHIN 600mm OF PROPERTY LINE, PROVIDED THAT THE VINYL CONFORMS TO OBC DIV. B. 9.27.13, IS INSTALLED OVER SHEATHING PAPER AND12.7mm DRYWALL, HAS A FLAME SPREAD RATING NOT GREATER THAN 25, AND IS NOT MORE THAN 2mm THICK AND THE ENTIRE EXTERIOR WALL HAS A MINIMUM FIRE RESISTANCE RATING OF 3/4 HOURS.

RETURN AIR INLET FROM ANYROOM
PROVISIONS SHALL BE MADE FOR THE RETURN OF AIR FROM ANY ROOM OR
SPACE WITHOUT A RETURN AIR INLET, BY LEAVING GAPS BENEATH DOORS,
USING LOUVERED DOORS, OR INSTALLING RETURN AIR DUCT INLETS.

#### **BEDROOM WINDOWS**

(1) EVERY FLOOR LEVEL CONTAINING BEDROOMS IN A SUITE SHALL BE PROVIDED WITH AT LEAST 1 OUTSIDE WINDOW THAT CAN BE OPENED FROM THE INSIDE WITHOUT THE USE OF TOOLS, AND EACH SUCH WINDOW SHALL PROVIDE AN INDIVIDUAL, UNOBSTRUCTED OPEN PORTION HAVING A MINIMUM AREA OF 0.35M2 (3.8 SQ.FT.) WITH NO DIMENSION LESS THAN 380 MM (15 IN).

(2) EXCEPT FOR BASEMENT AREAS. THE WINDOW DESCRIBED IN SENTENCE (1) SHALL HAVE A MAXIMUM SILL HEIGHT OF 1M (3 FT 3 IN) ABOVE THE FLOOR. (3) WHEN SLIDING WINDOWS ARE USED, THE MINIMUM DIMENSION DESCRIBED IN SENTENCE (1) SHALL APPLY TO THE OPENABLE PORTION OF THE WINDOW.

### PREFABRICATED WOOD TRUSSES

FABRICATION AND ERECTION DRAWINGS WITH DESIGN DATA, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER, MUST BE AVAILABLE ON SITE FOR REVIEW BY THE BUILDING INSPECTOR

### **ROOF CEILING INSULATION**

ROOF FRAMING OR TRUSS HEEL JOINT MUST PERMIT SUFFICIENT SPACE FOR THE EXTENSION OF THE ROOF-CELLING INSULATION OVER EXTERIOR WALLS MINIMIZE THERMAL BRIDGES. AN UNOBSTRUCTED VENTILATION SPACE MUST BE PROVIDED OVER EXTERIOR WALLS TO ALLOW UNIMPEDED AIR FLOW FORM SOFFIT

### LESS THAN 550mm (21 5") BY 900mm (35")

**ATTIC HATCHES SHALL NOT BE** 

## OBC 9.26.4.1.

FLASHING REQUIRED AT ALL **ROOF-WALL JUNCTIONS** 

### **INTERIOR FINISH OF EXITS**

THE FLAME SPREAD RATING OF WALL OR CEILING FINISH IN AN **EXIT MUST NOT EXCEED 25.** 

### **INTERIOR FINISH (EXCEPT EXITS)**

FLAME SPREAD RATING OF INTERIOR FINISH MATERIALS SHALL NOT EXCEED  $\underline{150}$  ON WALLS AND  $\underline{150}$  ON CEILINGS. COMBUSTIBLE WALL AND CEILING FINISHES SUCH AS WOOD, PLYWOOD, PLASTIC, FABRIC, CARPET, ETC. MUST BE APPROVED BY THE INSPECTOR PRIOR TO THE INSTALLATION.

### **DIV.B. 9.10.14.1 EXPOSING BUILDING FACE OF HOUSES**

UNPROTECTED OPENINGS IN THE EXPOSING BUILDING FACE SHALL NOT BE PERMITTED IF THE LIMITING DISTANCE IS LESS THAN 1.2m (3'11") AND SHALL BE LIMITED IN CONFORMANCE WITH THE REQUIREMENTS FOR UNPROTECTED OPENINGS IN DIV. B ARTICLE 9.10.15.1. WHERE THE LIMITING DISTANCE IS 1.2m (3'11") OR GREATER.

THE EXPOSING BUILDING FACE SHALL HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MINUTES WHERE THE LIMITING DISTANCE IS LESS THAN

### ATTACHED OR BUILT-IN GARAGE

THE SEPARATION BETWEEN THE GARAGE AND DWELLING UNIT SHALL BE CONSTRUCTED AS AN EFFECTIVE BARRIER TO GAS AND EXHAUST FUMES. THE DOOR BETWEEN THE GARAGE AND DWELLING UNIT SHALL BE EXTERIOR TYPE, TIGHT FITTING AND WEATHER-STRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE PASSAGE OF GAS AND EXHAUST FUMES AND SHALL BE FITTED WITH AN APPROVED SELF CLOSING DEVICE

### 2012 OBC DIV. B, 9.8.2.1. to 9.8.4.7. STAIR DIME

STAIR TYPE	MAX. RISE, mm, ALL STEPS	MINL RISE, mm, ALL STEPS	MAX, RUN, mm RECTANGULAR TREADS	MIN. RUN, mm RECTANGULAR TREADS	STAIR WIDTH, mm	HEADROOM, mm
PRIVATE STAIRS	200	125	355	255	860	1950
PUBLIC STAIRS	180	125	NO LIMIT	280	900	2050
SERVICE STAIRS	NO LIMIT	125	355	NO LIMIT	900	2050
STAIR TO UNOCCUPIED ATTIC SPACE	NO LIMIT	125	355	NO LIMIT	860	1950
STAIRS TO CRAWL SPACE	NO LIMIT	125	355	NO LIMIT	860	1950
STAIRS THAT SERVE MEZZANINES NOT EXCEEDING 20 m2 WITHIN LIVE/WORK UNITS	NO LIMIT	125	355	NO LÍMÍT	WIDTH AS PER DIV B 9.8.2.1.(3)	
NOTE			ADS SHALL NOT RE			DEPTH

## STRUCTURAL ALTERATIONS

ALL STRUCTURAL ALTERATIONS MUST BE FIELD REVIEWED BY A PROFESSIONAL ENGINEER IF REQUIRED BY THE BUILDING INSPECTOR

### FINISHED SITE GRADING

THE BUILDING SHALL BE LOCATED AND THE BUILDING SITE GRADED SO THAT WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY AFFECT ANY ADJACENT PROPERTIES.

> **A CURSORY REVIEW OF THE** STRUCTURAL ELEMENTS HAS **BEEN COMPLETED AND IS RELIANT ON ENGINEER'S CERTIFICATION OF**

RESISTANCE TO FORCED ENTRY 2012 O.B.C. DIV B. 9.7.5.2. & 9.7.5.3. A return air inlet shall be located in any room where at least 1/2 of the floor area is located over an unconditioned space (e.g. room over a garage)

- 1. SWINGING DOORS PROVIDING ACCESS TO DWELLING UNITS SHALL SATISFY THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN SUBSECTION 9.7.5.2.
- 2. WINDOWS IN DWELLING UNITS THAT ARE LOCATED WITHIN 2M OF ADJACENT GROUND LEVEL SHALL CONFORM TO THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN CLAUSE 5.3.5.OF AAMA/WDMA/CSA 101/I.S.2/A440.

2012 Code

9.8.8.1.(8)(a)(b) Windows over Stairs, Ramps and Landings

(2) In dwelling units, glazing installed over stairs, ramps and landings that extend to less than 900 mm (2 ft 11 in) above the surface to the treads, ramp or landing shall be,

- (a) protected by guards, in accordance with this Subsection, or
- (b) non-openable and designed to withstand the specified lateral loads for guards as provided in Article 4.1.5.14.

#### 9.5.2.3. STUD WALL REINFORCEMENT

- (1) IF WOOD WALL STUDS OR SHEET STEEL WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE INSTALLATION OF A GRAB BAR ON A WALL ADJACENT TO,
  - (a) A WATER CLOSET IN THE LOCATION REQUIRED BY CLAUSE 3.8.3.8.(1)(d), AND
  - (b) A SHOWER OR BATHTUB IN THE LOCATION BY CLAUSE 3.8.3.13.(1)(f).

(SEE APPENDIX A.)

The Corporation of the City of Oshawa, 50 Centre Street South, Oshawa, Ontario L1H 3Z7 Phone 905.436.5658 1.800.667.4292 Fax 905.436.5623

A ZA DIZA ONS				ELEV	<b>/</b> . 2
GROUND FLOOR AREA			=	1135	Sq. Ft.
SECOND FLOOR AREA			=	1336	Sq. Ft.
TOTAL FLOOR AREA			=	2471	Sq. Ft.
				229.56	Sq. M.
Ist FLOOR OPEN AREA	=	0		Sq. Ft.	
2nd FLOOR OPEN AREA	=	16		Sq. Ft.	
ADD TOTAL OPEN AREAS			=	16	Sq. Ft.
ADD FIN. BASEMENT AREA			=	0	Sq. Ft.
GROSS FLOOR AREA			=	2487	Sq. Ft.
				231.05	Sq. M.
GROUND FLOOR COVERAGE			=	1135	Sq. Ft.
GARAGE COVERAGE / AREA			=	220	Sq. Ft.
PORCH COVERAGE / AREA			=	61	Sq. Ft.
TOTAL COVERAGE W/ PORCH			=	1416	Sq. Ft.
			=	131.55	Sq. m.
TOTAL COVERAGE WO PORCH			=	1355	Sq. Ft.
			=	125.88	5q. m.

LOCA CALCULATIONS					, ,
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It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of OSHAWA

RIVER 5 - ELEV. I						
ELEVATION	WALL FT <sup>2</sup>	(WALL M²)	OPENING FT <sup>2</sup>	(OPENING M²)	PERCENTAGE	
FRONT	521.67	(48.46)	59.67	(5.54)	II.44 %	
LEFT SIDE	1229.20	(114.20)	89.45	(8.31)	7.28 %	
RIGHT SIDE	1238.92	(115.10)	0.00	(0.00)	0.00 %	
REAR	492.70	(45.77)	114.94	(10.68)	23.33 %	
TOTAL	3482.49 FT <sup>2</sup>	(323.53 M²)	264.06 FT <sup>2</sup>	(24.53M²)	7.58 %	

RIVER 5 - ELEV. 3 5B-12						
ELEVATION	WALL FT <sup>2</sup>	(WALL M²)	OPENING FT <sup>2</sup>	(OPENING M²)	PERCENTAGE	
FRONT	517.53	(48.08)	73.67	(6.84)	14.23 %	
LEFT SIDE	1229.20	(114.20)	89.45	(8.31)	7.28 %	
RIGHT SIDE	1238.92	(115.10)	0.00	(0.00)	0.00 %	
REAR	492.70	(45.77)	114.94	(10.68)	23.33 %	
TOTAL	3478.35 FT <sup>2</sup>	(323.15 M²)	278.06 FT <sup>2</sup>	(25.83M²)	7.99 %	

RIVER 5 - ELEV. 2					
ELEVATION	WALL FT <sup>2</sup>	(WALL M²)	OPENING FT <sup>2</sup>	(OPENING M²)	PERCENTAGE
FRONT	517.53	(48.08)	56.06	(5.21)	10.83 %
LEFT SIDE	1229.20	(114.20)	89.45	(8.31)	7.28 %
RIGHT SIDE	1238.92	(115.10)	0.00	(0.00)	0.00 %
REAR	492.70	(45.77)	114.94	(10.68)	23.33 %
TOTAL	<b>3478.3</b> 5 FT <sup>2</sup>	(323.15 M²)	260.45 FT <sup>2</sup>	(24.20M²)	7.49 %

## RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.			The undersigned has reviewed and takes responsibility fo
4.			design, and has the qualifications and meets the requireme out in the Ontario Building Code to be a designer.
3.			QUALIFICATION INFORMATION
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the built
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28
	REVISIONS		NAME SI <del>SNATURE</del>

for this nents set uilding code

3770 BCIN

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746



TITLE	-	TITLE S	HE
MODEL			LC
	RIVER 5		
DATE	MAR 2023	SCALE 3/1	6"
3Y	VG	AREA	
PROJECT	NO.		

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.



WL4 = 6"x3-1/2"x3/8"L (150x90x10.0L) + 2-2"x12" SPR. No.2WL5 = 6"x4"x3/8"L (150x100x10.0L) + 2-2"x12" SPR. No.2WL6 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x12" SPR. No.2WL7 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x10" SPR. No.2

WL8 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" SPR. No.2WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2

### WOOD LINTELS AND BEAMS

WBI = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2) WB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2) WB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2) WB4 = 3-2"xIO" SPR. No.2 (3-38x235 SPR. No.2) WB5 = 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2) WB6 = 3-2"x|2" SPR. No.2  $(3-38\times286)$  SPR. No.2) WB7 = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2) WBII = 4-2"xIO" SPR. No.2 (4-38x235 SPR. No.2)

WBI2 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

### LAMINATED VENEER LUMBER (LVL) BEAMS

LVLIA = I-I 3/4" x 7 I/4" (I-45x184) LVLI = 2-1 3/4" x 7 1/4" (2-45x184) LVL2 = 3-1 3/4" x 7 1/4" (3-45x184) LVL3 = 4-1 3/4" × 7 1/4" (4-45×184)  $LVL4A = 1-13/4" \times 91/2" (1-45×240)$ LVL4 = 2-1 3/4" x 9 1/2" (2-45x240) LVL5 = 3-1 3/4" x 9 1/2" (3-45x240) LVL5A = 4-I 3/4" x 9 I/2" (4-45x240)  $LVL6A = 1-13/4" \times 117/8" (1-45×300)$ LVL6 = 2-1 3/4" x 11 7/8" (2-45x300) LVL7 = 3-1 3/4" x 11 7/8" (3-45x300) LVL7A = 4-1 3/4" x 11 7/8" (4-45×300)  $LVL8 = 2-13/4" \times 14" (2-45 \times 356)$  $LVL9 = 3-13/4" \times 14" (3-45\times356)$ LVLIO = 2-1 3/4" x 18" (3-45x456)

### LOOSE STEEL LINTELS

LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)L2 = 4"x3-1/2"x5/16"L (100x90x8.0L)L3 = 5"x3-1/2"x5/16"L (125x90x8.0L)L4 = 6"x3-1/2"x3/8"L (150x90x10.0L)1.5 = 6"x4"x3/8"I (150x100x10.01)L6 = 7"x4"x3/8"L (175x100x10.0L)

### Door Schedule

I = 2'-10" x 6'-8" (865x2033) - INSULATED ENTRANCE DOOR |a = 2'-8" x 6'-8" (815x2033) - INSULATED FRONT DOORS 2 = 2'-8" x 6'-8" (815x2033) - WOOD & GLASS DOOR  $3 = 2'-8" \times 6'-8 \times 1-3/4" (815 \times 2033 \times 45) - EXTERIOR SLAB DOOR$ 4 = 2'-8" x 6'-8" x 1-3/8" (815x2033x35) - INTERIOR SLAB DOOR 5 = 2'-6" x 6'-8" x 1-3/8" (760x2033x35) - INTERIOR SLAB DOOR 6 = 2'-2" x 6'-8" x 1-3/8" (660x2033x35) - INTERIOR SLAB DOOR 7 = 1'-6" x 6'-8" x 1-3/8" (460x2033x35) - INTERIOR SLAB DOOR

WHEN VENEER CUT IS GREATER THAN 26" A 10" POURED CONC. FDTN. WALL IS REQUIRED.

ALL GARAGE SLABS, PORCH SLABS, STAIRS (EXPOSED CONC. FLAT WORK) TO BE 32 MPa WITH 5-8% AIR ENTRAITMENT

## MHP 23024

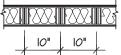
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL GRADING PLAN.

REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

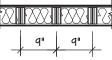
2 - 1 1/2" x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @IO"O.C. FULL HT C/W SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL AND 7/16" EXT. OSB SHEATHING.



MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 20'-2" AND MAXIMUM SUPPORTED LENGTH OF TRUSS IS 40'-0"

TWO STORY HEIGHT WALL DETAIL

2 - 1 1/2" x 5 1/2" TIMBERSTRAND (LSL.) L5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX @9"OC FULL HT C/W SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL AND 7/16" EXT. OSB SHEATHING

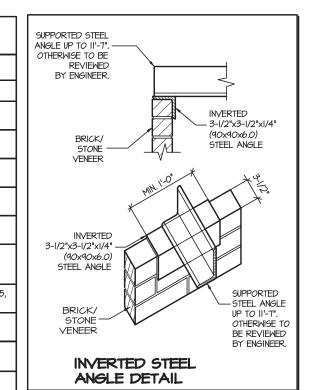


MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 21'-5" AND AND MAXIMUM SUPPORTED LENGTH OF TRUSS IS 40'-0"

TWO STORY HEIGHT WALL DETAIL

THE MINIMUM THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE

COMPLIANCE PACKAGE "AI" COMPONENT NOTE CEILING WITH ATTIC SPACE 10.57 MINIMUM RSI (R) VALUE (R60) CEILING WITHOUT ATTIC SPACE 5.46 MINIMUM RSI (R) VALUE (R31) EXPOSE EL OOR 5.46 (R31) MINIMUM RSI (R) VALUE WALLS ABOVE GRADE 3.87 MINIMUM RSI (R) VALUE (R22) BASEMENT WALLS 3.52 MINIMUM RSI (R) VAI UF (R20 BLANKET) HEATED SLAB OR SLAB 1.76 < 600mm BELOW GRADE (RIO) MINIMUM RSI (R) VALUE ENERGY RATING = 25, WINDOWS & SLIDING GLASS DOORS MAXIMUM U-VALUE MAX. U=0.28 SPACE HEATING EQUIPMENT MINIMUM AFUE 75%



It is the builder's complete responsibility t resure that all plans submitted for approve fully comply with the Architectural Guideline and all applicable regulations and requirement ncluding zoning provisions and any provision n the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any nouse can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of

### STRIP FOOTINGS -

MINIMUM EFFICIENCY

HOT WATER TANK

#### FOR SINGLES & SEMIS UP TO 2 STOREY

8" OR IO" FOUNDATION WALLS WITH 2"x8" / 2"xIO" FLOOR JOISTS 20"x6" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS. 24"x8" CONCRETE STRIP FOOTINGS BELOW PARTY WALLS.

MIN FF 080

FOUNDATION WALLS WITH ENGINEEED JOISTS OVER 16' SPANS 24"x8" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS.

### FOOTINGS ON ENGINEERED FILL

24"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING

BELOW EXTERIOR WALLS.

30"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING BELOW PARTY WALLS REFER TO FOOTING DETAILS ON ENGINEERED FILL)

### Assume the larger footing size

WHEN TWO CONDITIONS APPLY
WHEN TWO CONDITIONS APPLY
BEARING CAPACITY OR 90 KPA ENGINEERED SOIL FILL, TO BE VERIFIED ON SITE.

### PAD FOOTINGS

#### 120 KPa NATIVE SOIL

FI = 42"x42"xI8" CONCRETE PAD

FI = 48"x48"x20" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD

90 KPa ENGINEERED FILL SOIL

F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

## RIVER 5

COMPLIANCE PACKAGE "A1"

5.				
4.				
3.				
2.				
1.	NEW DESIGN	MAR 2023		
REVISIONS				

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJJAR

NAME

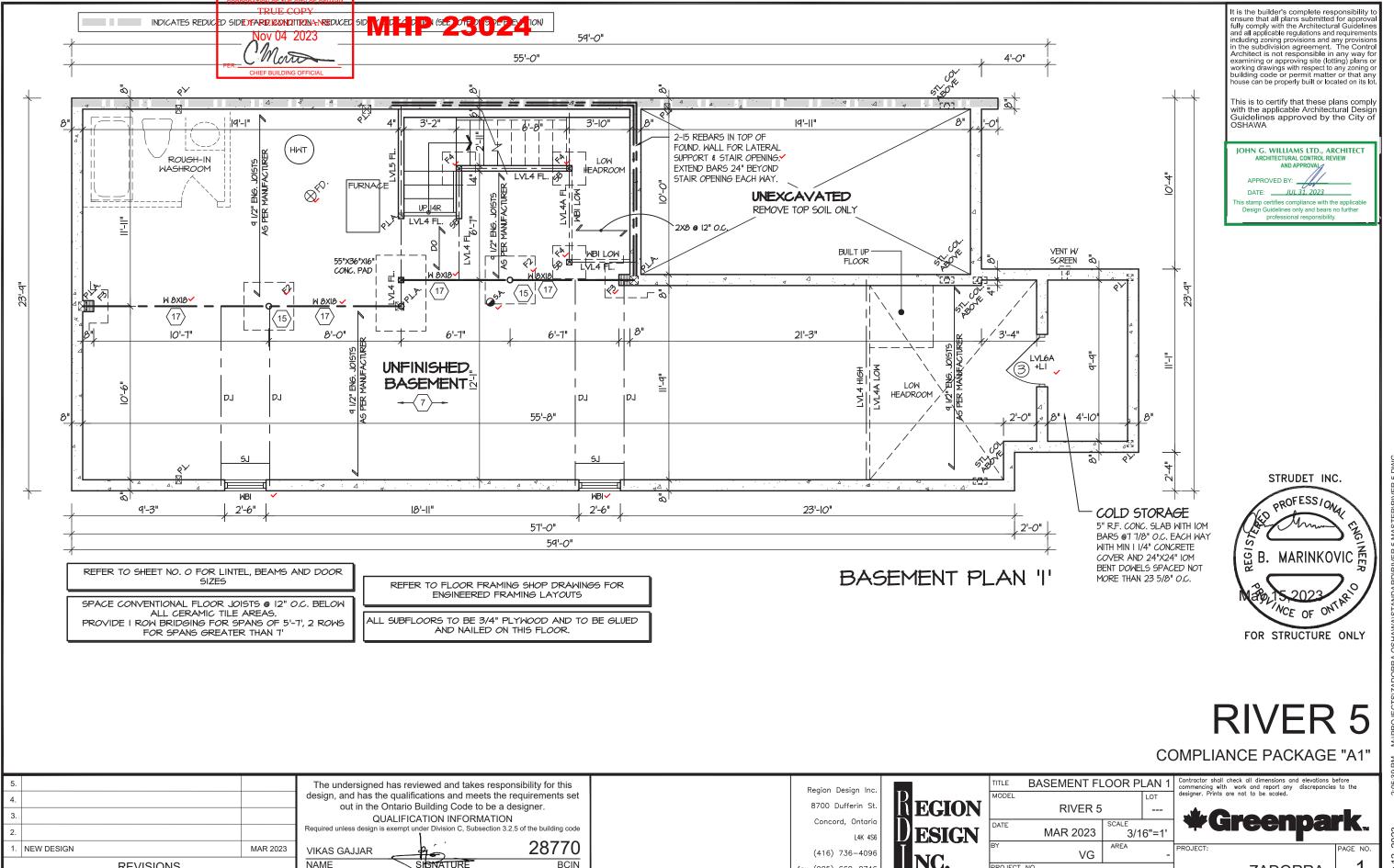
28770 SIGNATURE BCIN

Region Design Inc 8700 Dufferin St. Concord, Ontario L4K 4S (416) 736-4096 fax (905) 660-0746



TITLE			TITLE S	HEET
MODI	EL			LOT
DATE		MAR 2023	SCALE 3/1	6"=1'
BY		VG	AREA	-
PROJ	ECT NO.		_	





BCIN

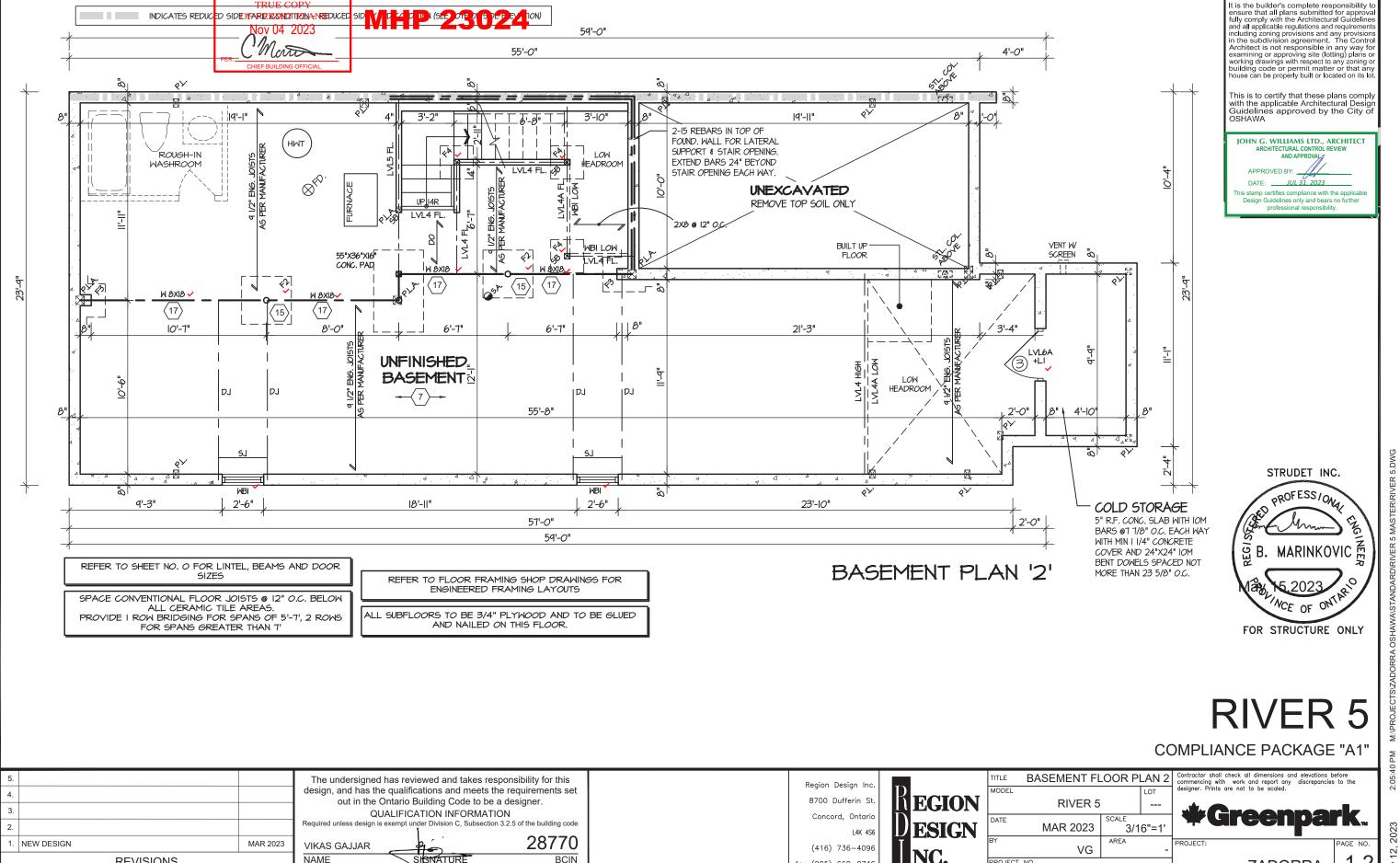
NAME

**REVISIONS** 

1,2

ZADORRA

PROJECT NO.



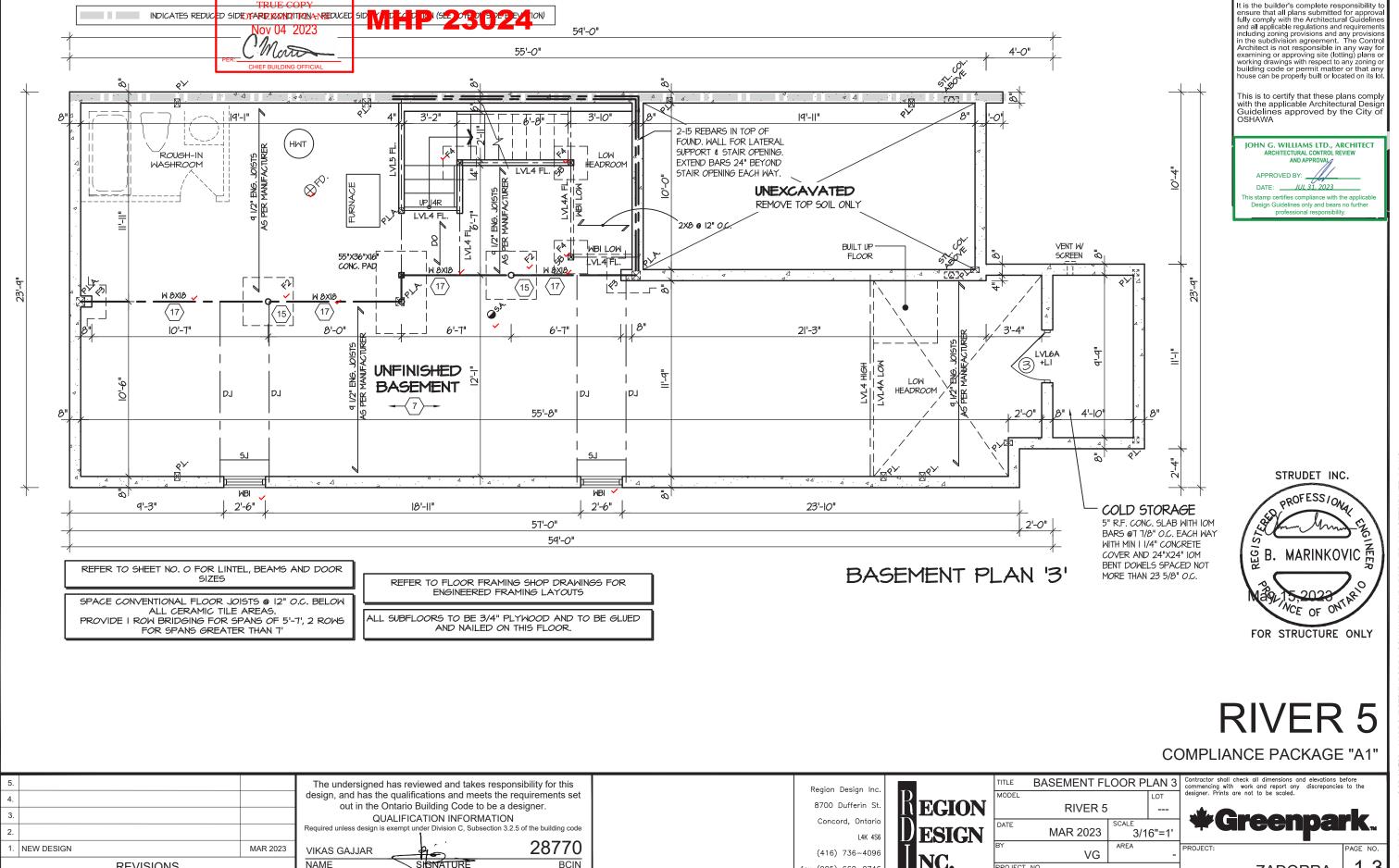
PROJECT NO.

fax (905) 660-0746

BCIN

NAME

**REVISIONS** 



BCIN

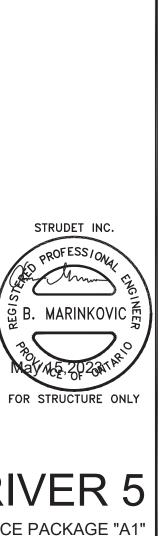
NAME

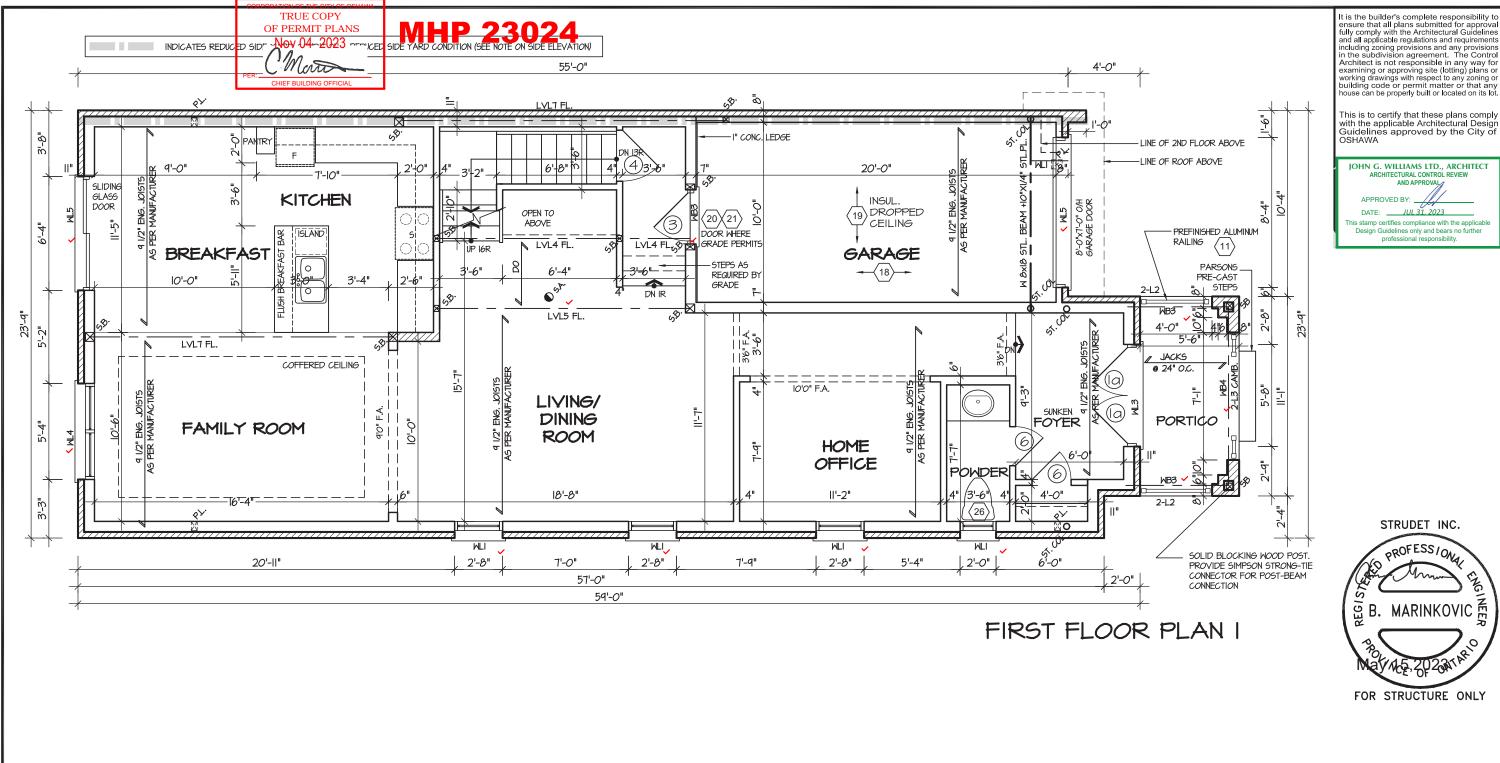
**REVISIONS** 

12,

ZADORRA

PROJECT NO.





## RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.       4.		The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.			
3.		QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code			
1. NEW DESIGN	MAR 2023	vikas gajjar 28770			
REVISIONS		NAME SIGNATURE BCIN			

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746

**EGION ESIGN** 

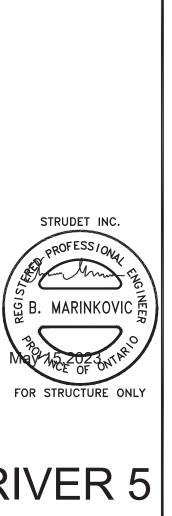
	TITLE	FIRST FLOOF	R PL
	MODEL		
1		RIVER 5	
I	DATE	MAR 2023	SCAL
•	BY	VG	ARE
	PROJECT	NO.	•

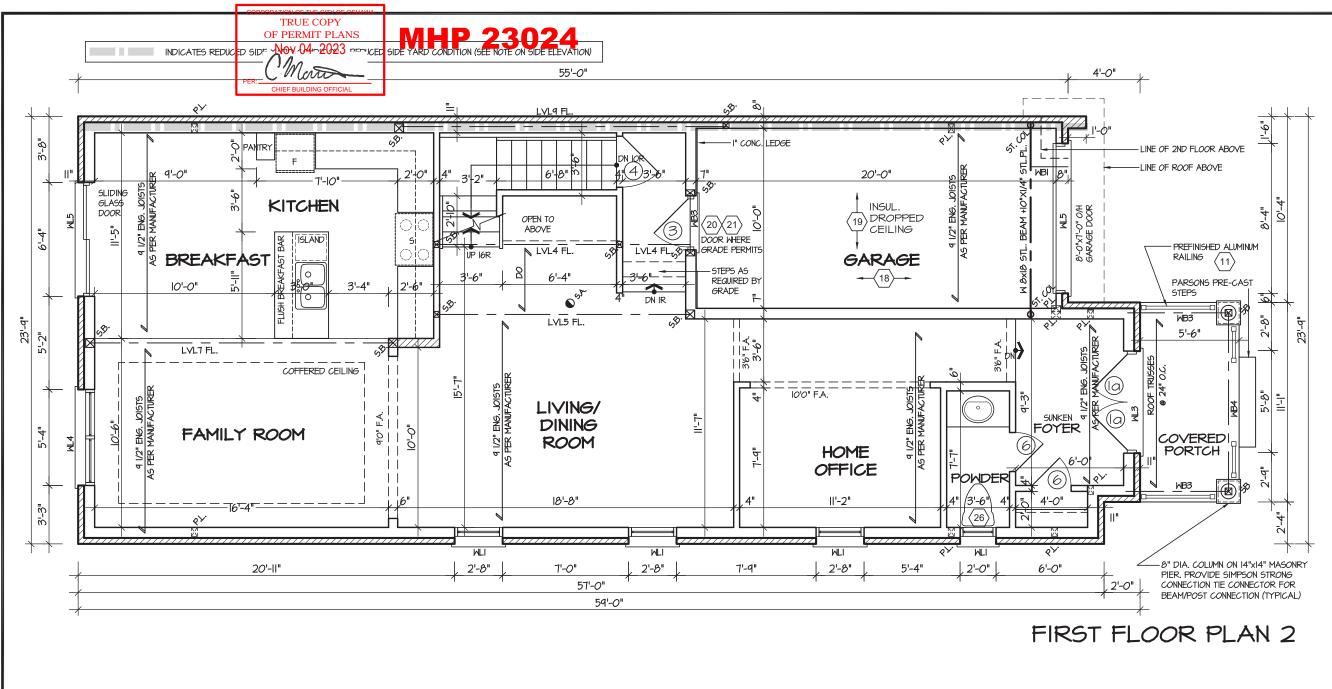
\_AN 1 3/16"=1



ZADORRA

12,





It is the builder's complete responsibility to It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of OSHAWA

JOHN G. WILLIAMS LTD., ARCHITECT DATE: \_\_\_\_\_\_JUL 31, 2023

This stamp certifies compliance with the applicable

RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.			The undersigned has reviewed and takes responsibility for this	
4.	4.		design, and has the qualifications and meets the requirements set	
⊢	7.		out in the Ontario Building Code to be a designer.	
3.			QUALIFICATION INFORMATION	
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	
			00770	
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770	
	REVISIONS		NAME SIGNATURE BCIN	

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746 **EGION ESIGN** 

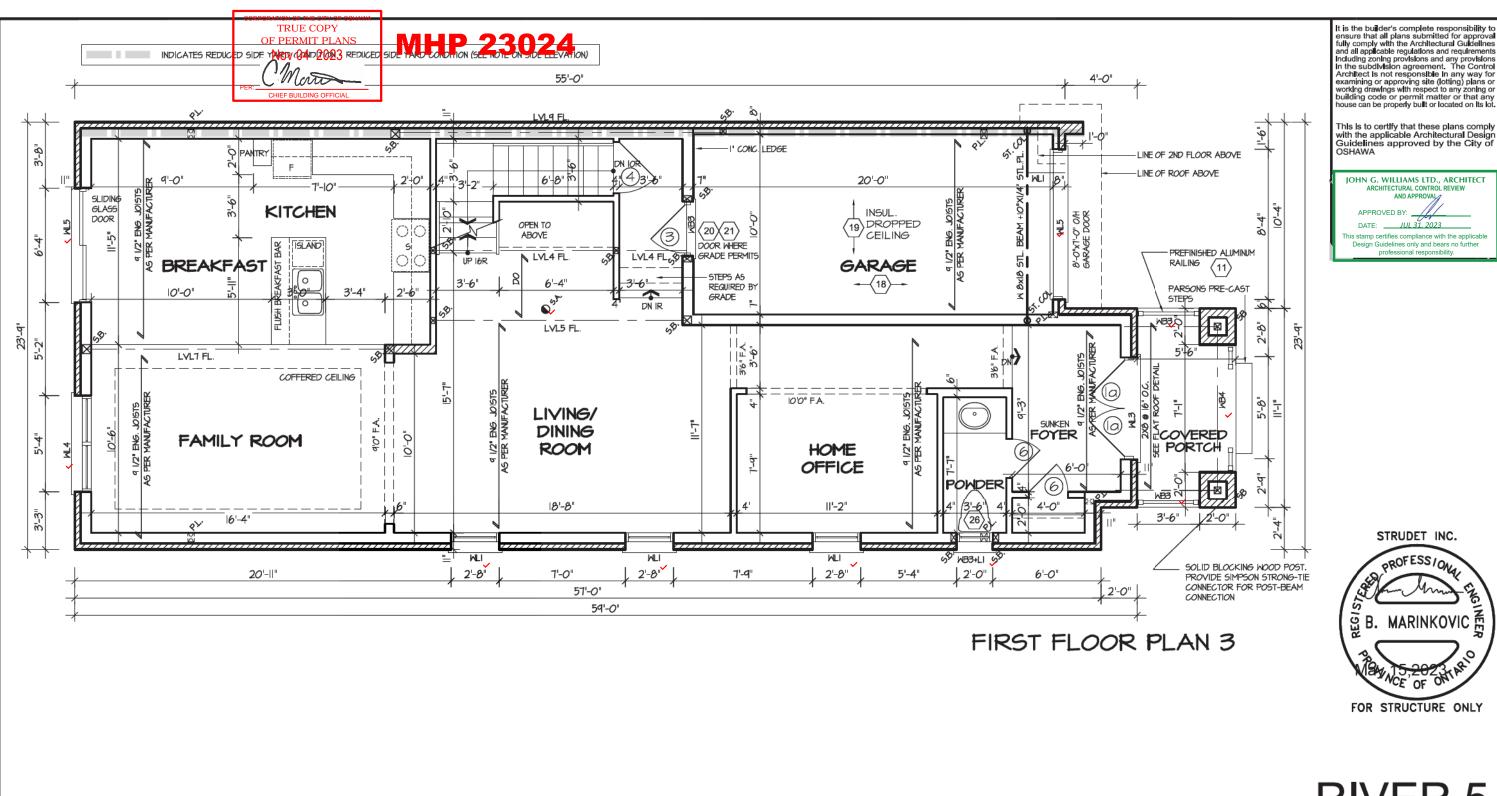
	TITLE	FIRST FLOOR PLAN 2			
_	MODEL				
ſ		RIVER 5			
	DATE	MAR 2	023	SCALE 3/1	6"=1'
	BY		VG	AREA	-
	PROJECT	NO.			



2-2 ZADORRA



5,



## RIVER 5

COMPLIANCE PACKAGE "A1"

5. 4.			The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.
3.			QUALIFICATION INFORMATION Regulred unless design is exempt under DMslon C, Subsection 3.2.5 of the building code
2.			'   '
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770
	REVISIONS		NAME SISMATURE BCIN

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746

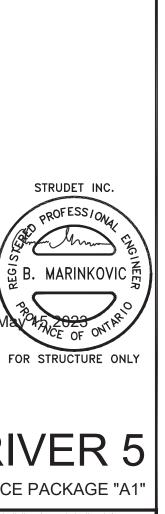


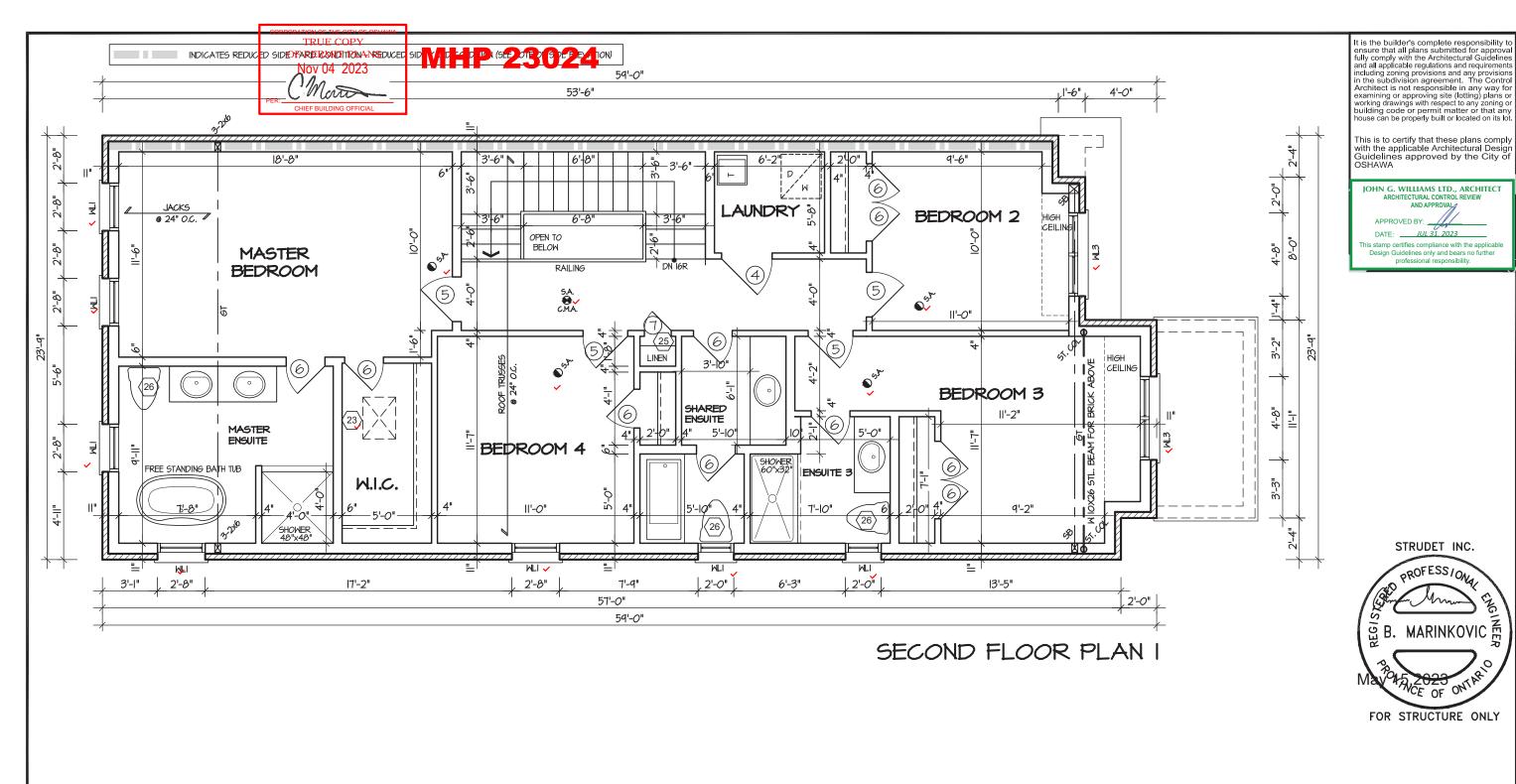
TITLE	F	IRST FLOOF	R PLAN :	3		
MODEL				LOT		
		RIVER 5		_		
DATE		MAR 2023	SCALE 3/1	6"=1'		
BY		VG	AREA			
PROJECT	NO.		_			

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.



2-3 ZADORRA





RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.				has reviewed and takes resp	
4.			design, and has the qualifications and meets the re		
			out in the O	Intario Building Code to be a	designer.
3.			QUALIFICATION INFORMATION		N
2.			Required unless design is	exempt under Division C, Subsection 3	3.2.5 of the building code
1. NEW DESIGN		MAR 2023	VIKAS GAJJAR		28770
REVISIONS			NAME	SIGNATURE	BCIN

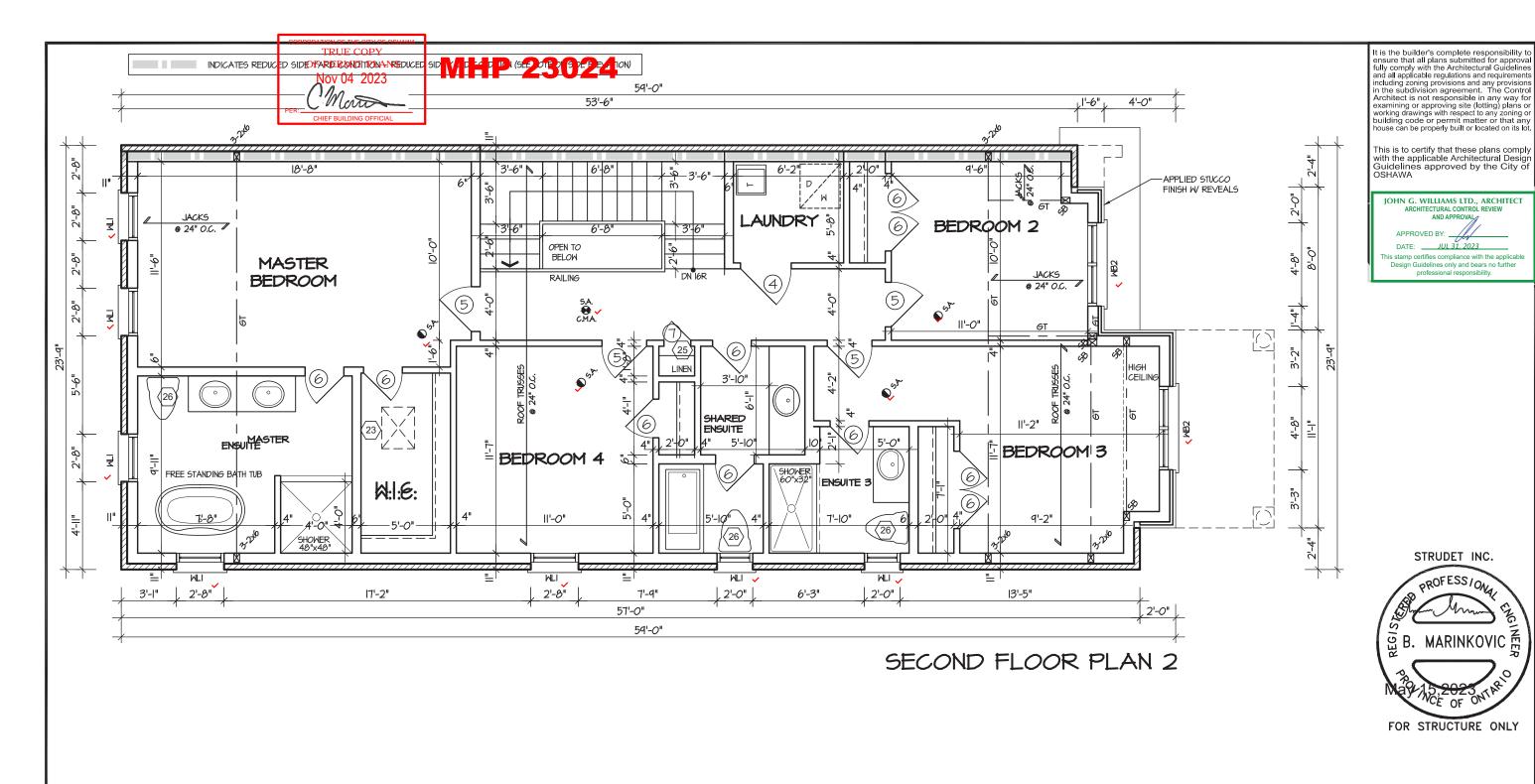
Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746



TITLE	SECOND FLOOR PLAN			
MODEL			LOT	
		RIVER 5		
DATE		MAR 2023	SCALE 3/1	6"=1
BY		VG	AREA	
PROJECT	NO.			







RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.			The undersigned has reviewed and takes responsibility for this	
4.	4.		design, and has the qualifications and meets the requirements set	
⊢	7.		out in the Ontario Building Code to be a designer.	
3.			QUALIFICATION INFORMATION	
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	
			00770	
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770	
	REVISIONS		NAME SIGNATURE BCIN	

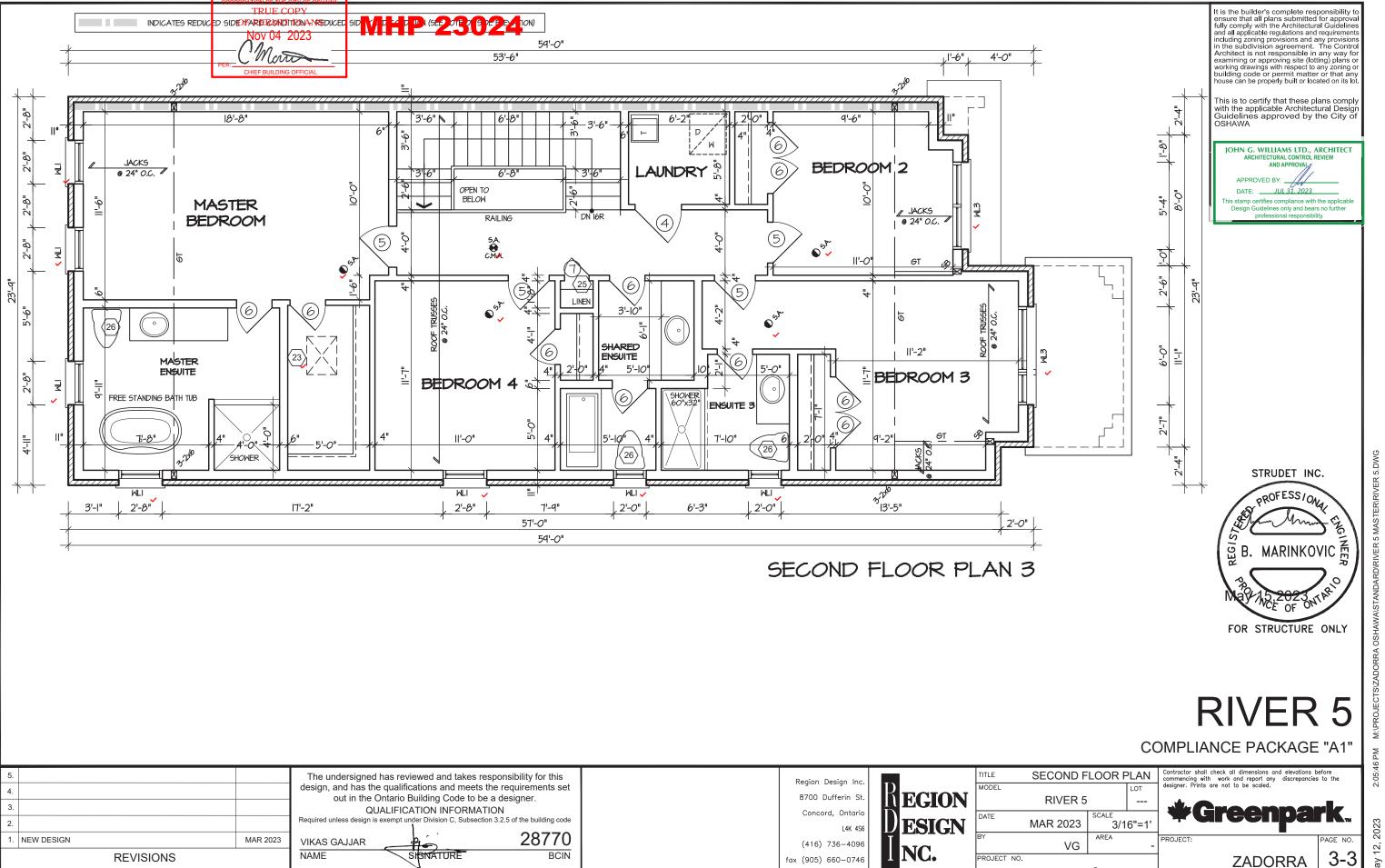
Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746



	TITLE SECOND FLOOR F				PLAN
_	MODEL				LOT
ſ			RIVER 5		
	DATE	MAR 2023 SCAI		SCALE 3/1	6"=1'
	BY		VG	AREA	-
	PROJECT	NO.			



3-2 ZADORRA





It is the builder's complete responsibility to It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for

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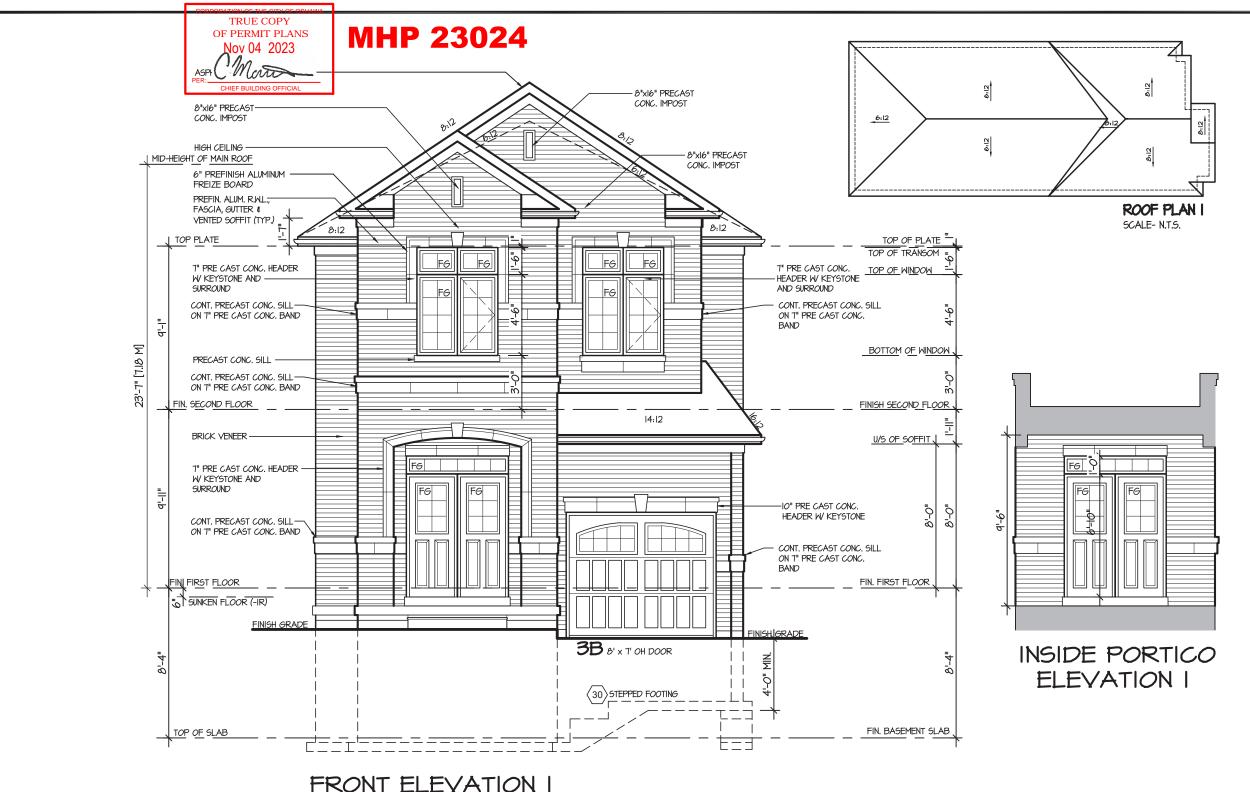
JOHN G. WILLIAMS LTD., ARCHITECT

is stamp certifies compliance with the applicable

Design Guidelines only and bears no further

APPROVED BY:

DATE: JUL 31, 2023



RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.			The undersigned has reviewed and takes responsibility for this		
4.			design, and has the qualifications and meets the requirements sout in the Ontario Building Code to be a designer.		
3					
<u> </u>			QUALIFICATION INFORMATION		
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the building code		
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770		
	REVISIONS		NAME SISNATURE BCIN		

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746



TITLE FRONT ELEVATION				
MODEL			LOT	
	RIVER 5			
DATE	MAR 2023	SCALE 3/1	6"= <i>*</i>	
BY	VG	AREA		
PROJECT NO	).			

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.



ZADORRA

7,

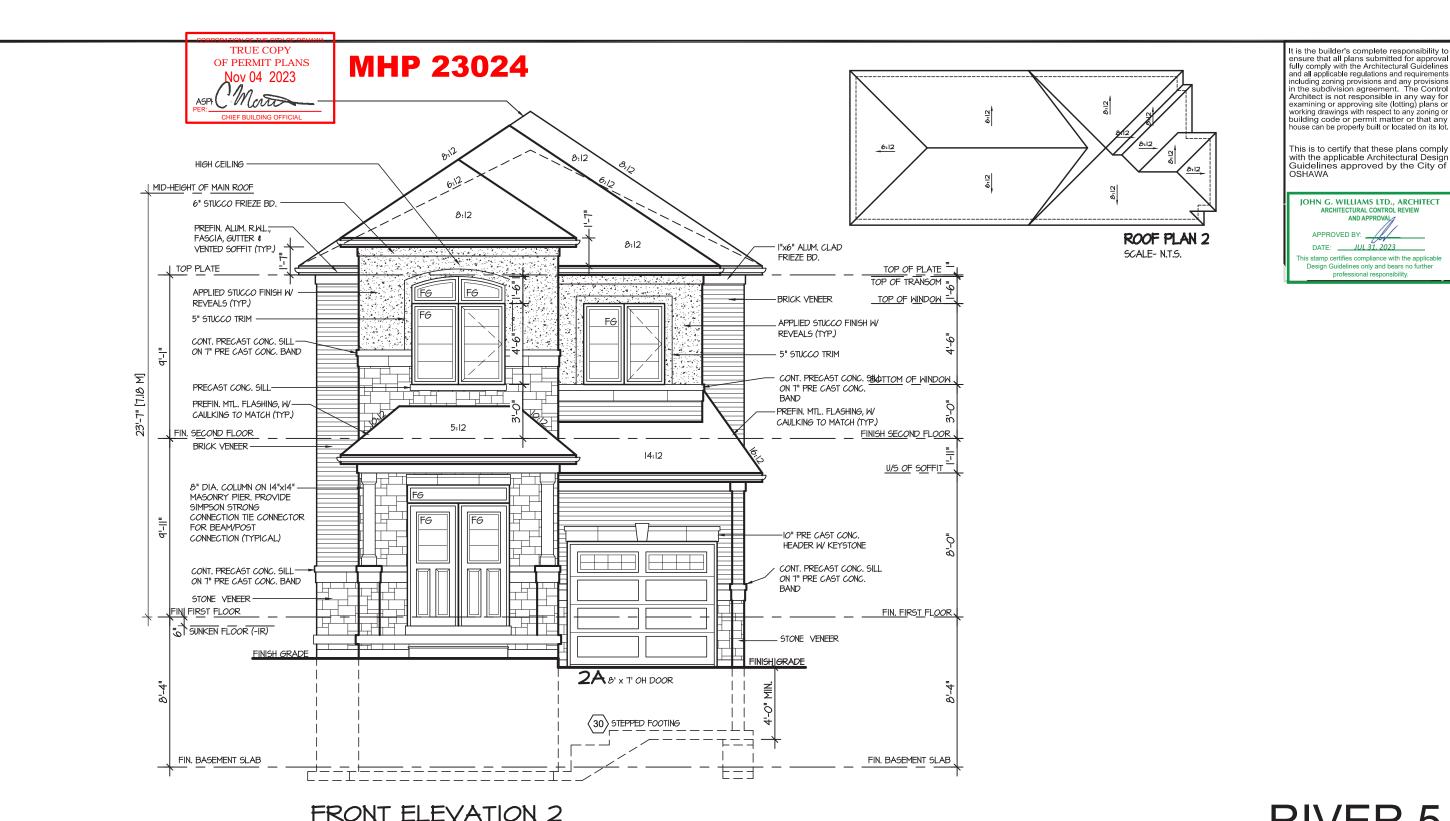
JOHN G. WILLIAMS LTD., ARCHITECT

his stamp certifies compliance with the applicable

Design Guidelines only and bears no further professional responsibility.

APPROVED BY:

DATE: JUL 31, 2023



RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5.		The undersigned has reviewed and tak		
4.		design, and has the qualifications and meets the requirements se		
3.		out in the Ontario Building Code to be a designer.		
3.		QUALIFICATION INFORMATION		
2.		Required unless design is exempt under Division C, Su	bsection 3.2.5 of the building code	
1. NEW DESIGN	MAR 2023	VIKAS GAJJAR	28770	
REV	SIONS	NAME SIBNATURE	BCIN	

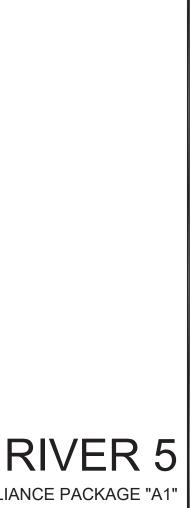
Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746



TITLE	F	RONT ELEVATION 2			
MODEL			LOT		
		RIVER 5			
DATE		MAR 2023	SCALE 3/1	6"=1'	
BY		VG	AREA	-	
PROJECT	NO.				

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.





It is the builder's complete responsibility to

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This is to certify that these plans comply

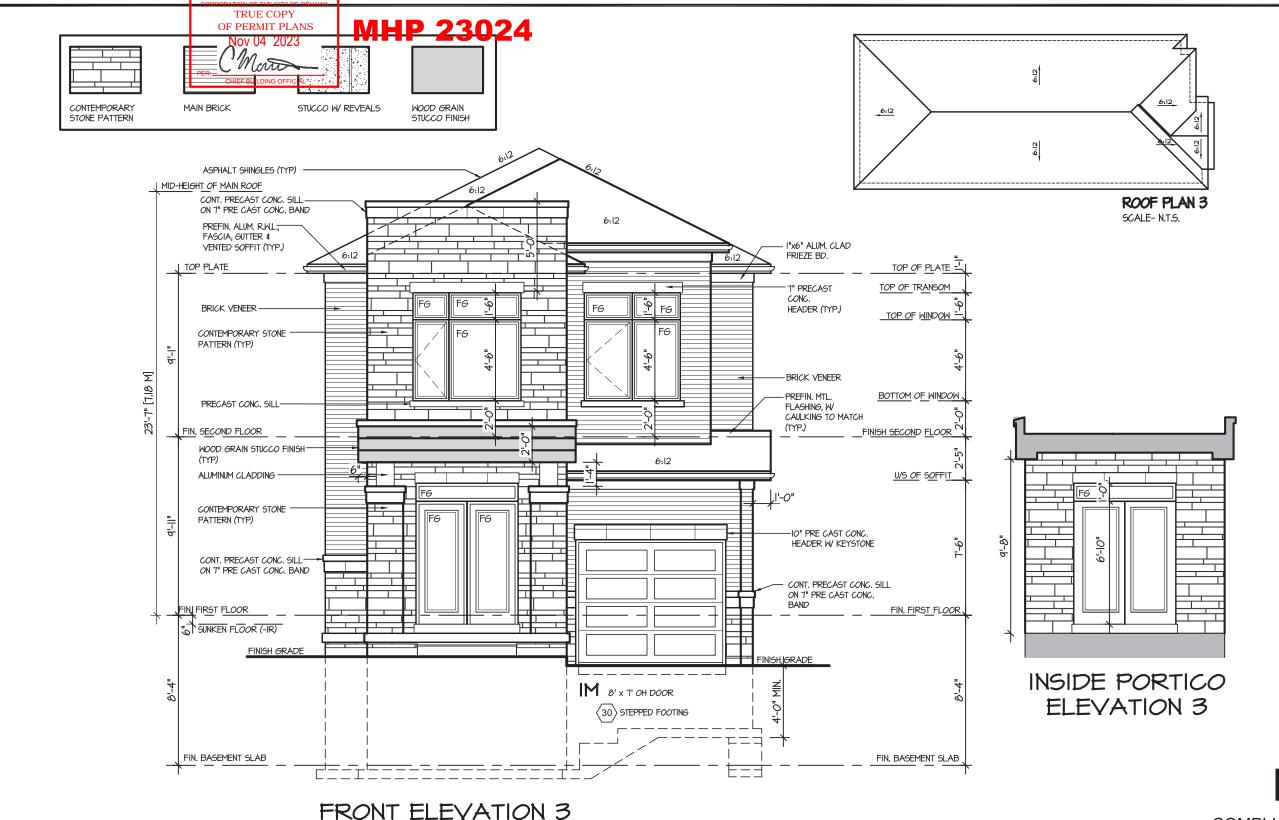
with the applicable Architectural Design Guidelines approved by the City of OSHAWA

JOHN G. WILLIAMS LTD., ARCHITECT

his stamp certifies compliance with the applicable

Design Guidelines only and bears no further professional responsibility.

DATE: JUL 31, 2023



**COMPLIANCE PACKAGE "A1"** 

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28770 VIKAS GAJJAR SIGNATURE NAME BCIN

1. NEW DESIGN

**REVISIONS** 

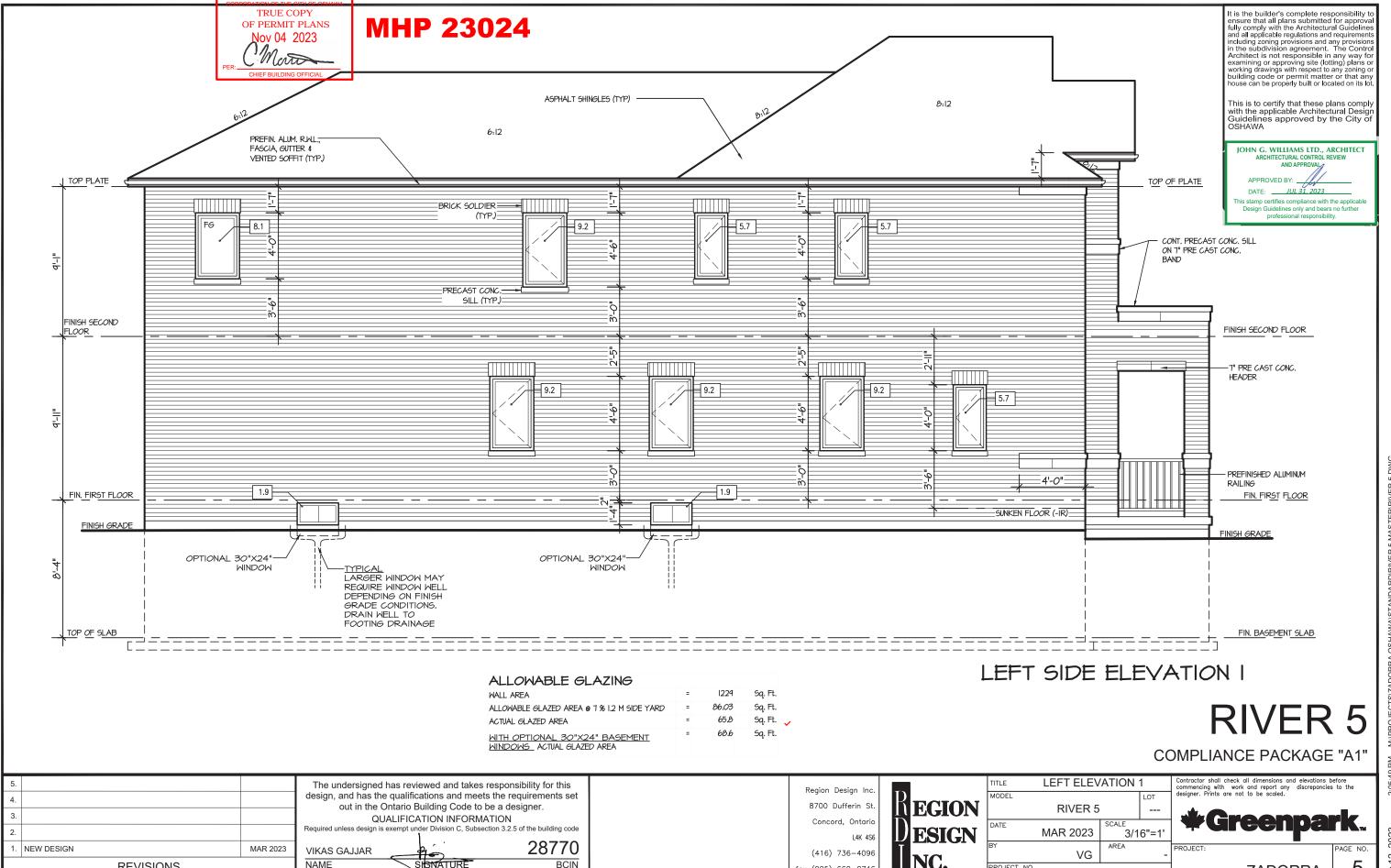
Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746

**EGION ESIGN** 

	TITLE	FRONT ELEV	RONT ELEVATION 3				
	MODEL			L			
1		RIVER 5	5				
	DATE	MAR 2023	SCALE 3/1	6'			
'	BY	VG	AREA				
	PROJECT	NO.	_				

3/16"=1"



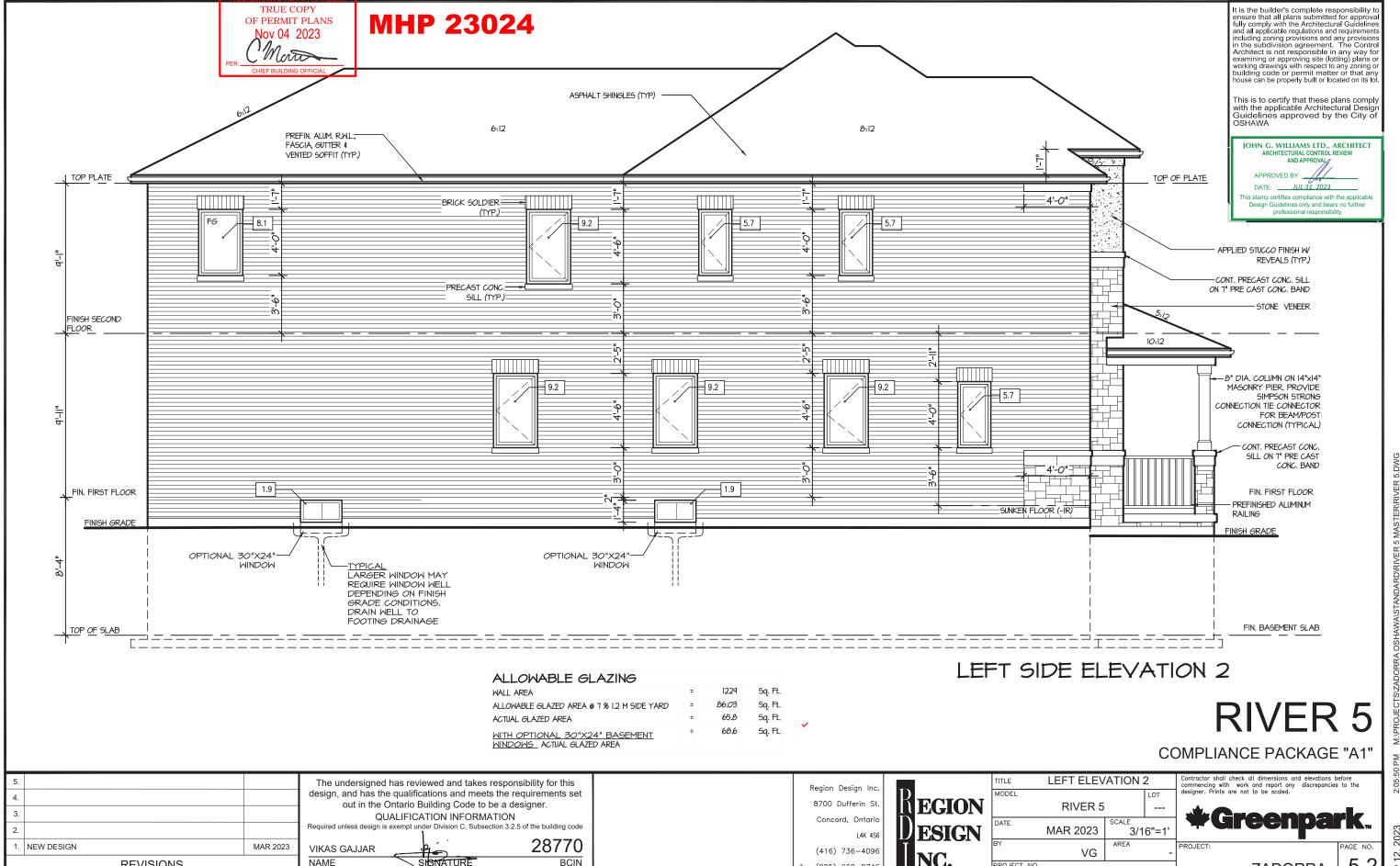


**REVISIONS** 

12,

**ZADORRA** 

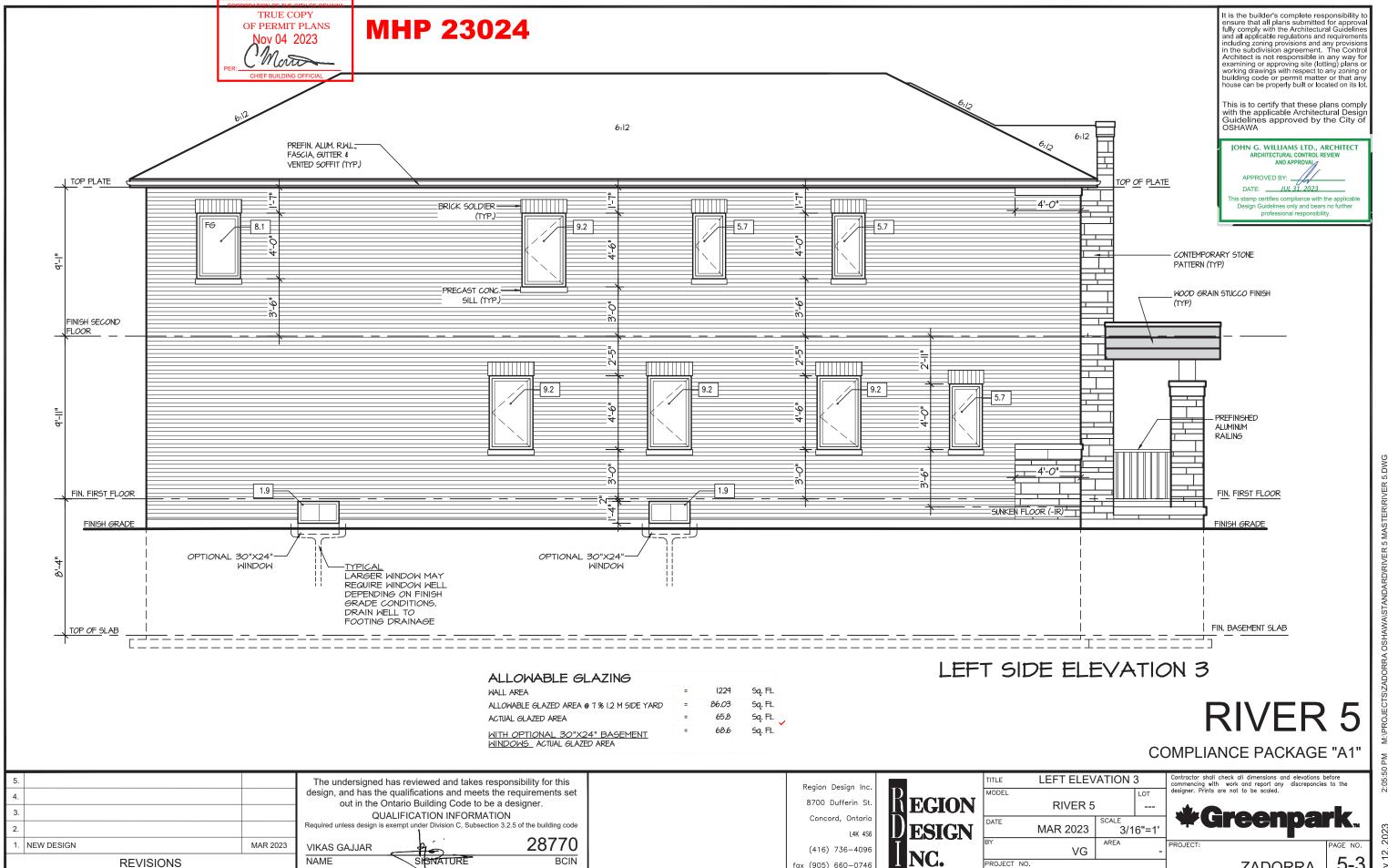
PROJECT NO.



**REVISIONS** 

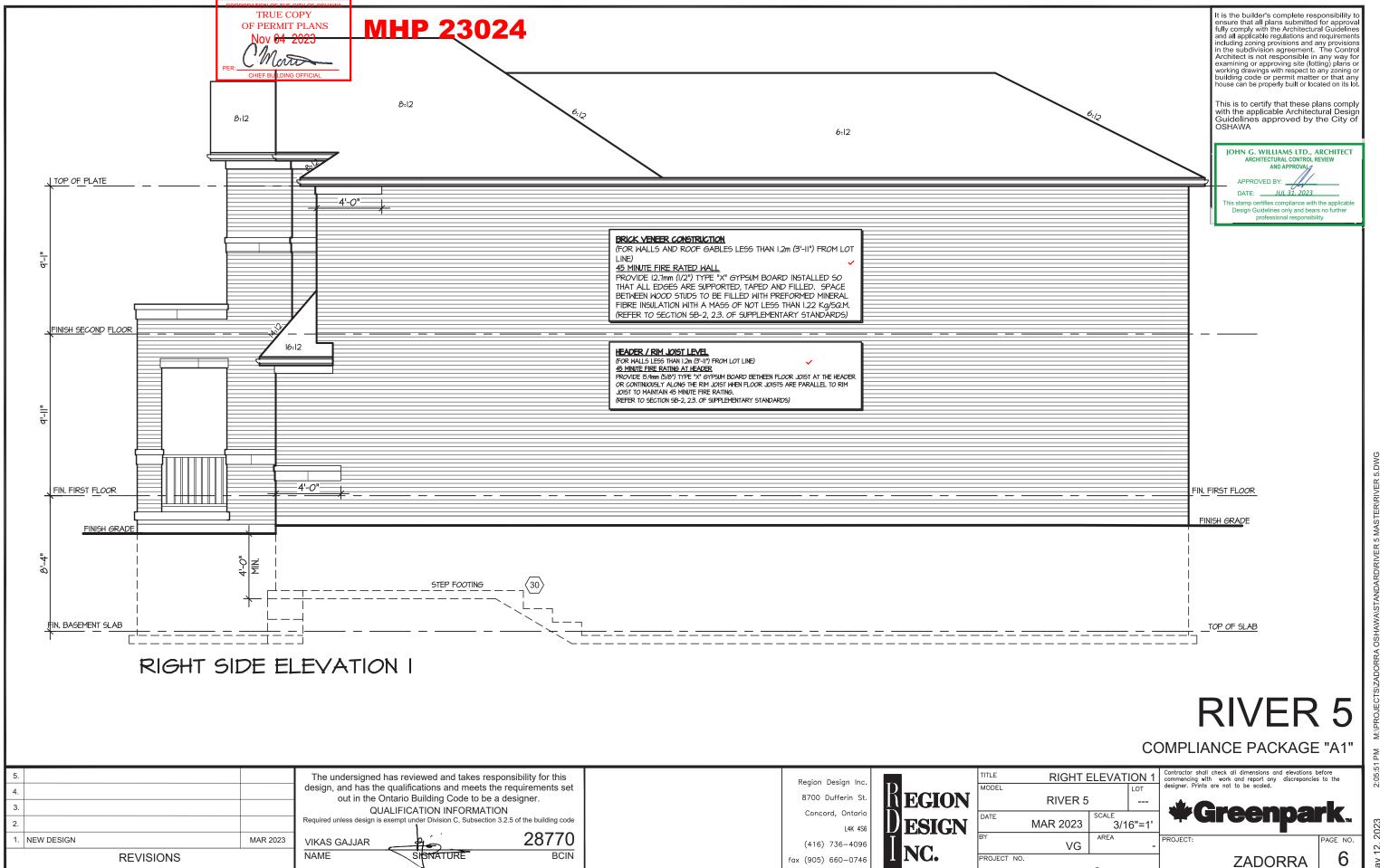
ZADORRA

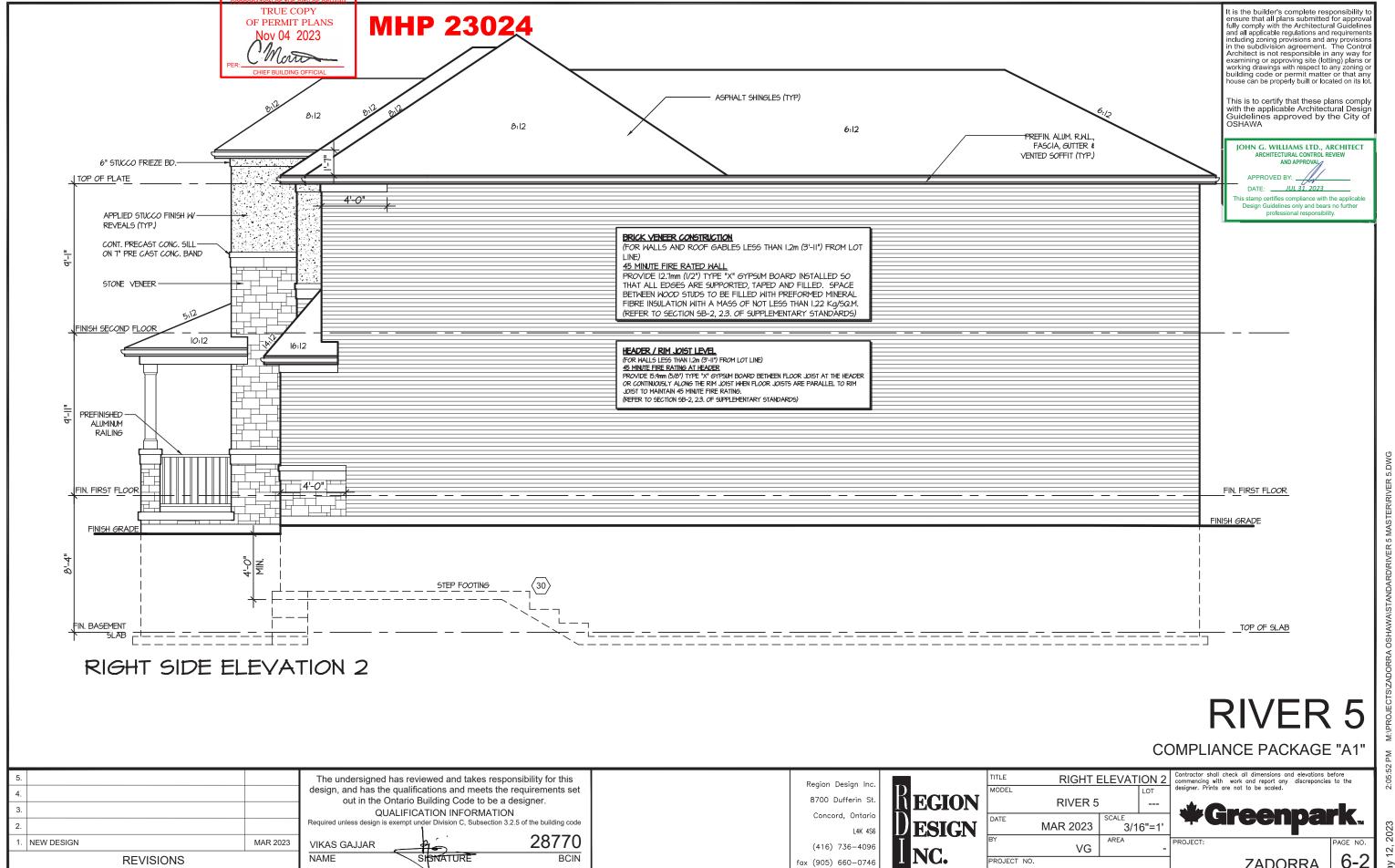
PROJECT NO.



ZADORRA

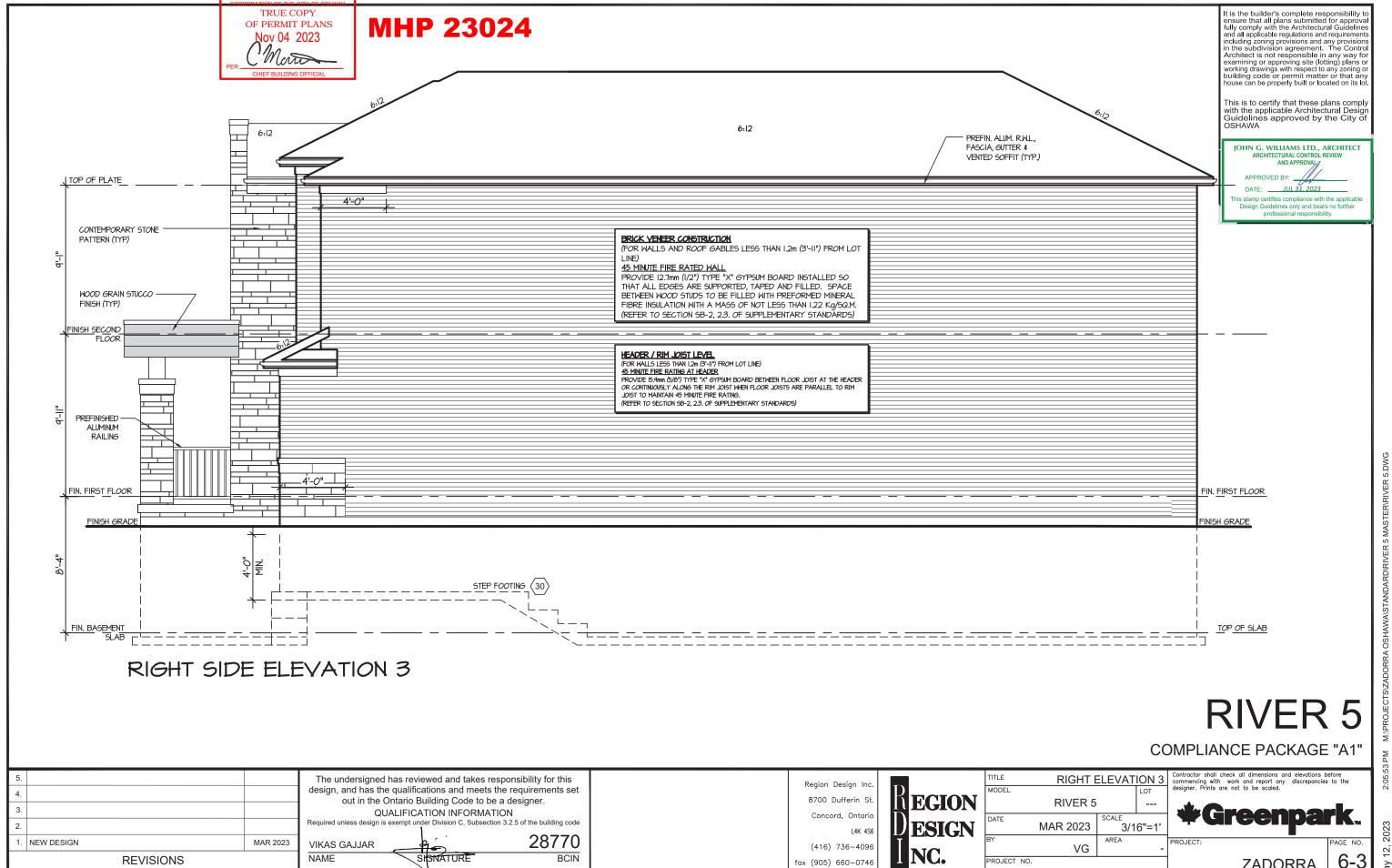
PROJECT NO.





ZADORRA

PROJECT NO.



fax (905) 660-0746

## **MHP 23024**



REAR ELEVATION I, 2 & 3

## RIVER 5

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

APPROVED BY:

DATE: JUL 31, 2023

**COMPLIANCE PACKAGE "A1"** 

5.			The undersigned has reviewed and takes responsibility for to design, and has the qualifications and meets the requirement out in the Ontario Building Code to be a designer.  QUALIFICATION INFORMATION		
4.					
3.					
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the building	g code	
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 287	70	
	REVISIONS		NAME SIGNATURE E	BCIN	

Region Design Inc. 8700 Dufferin St. Concord, Ontario (416) 736-4096 fax (905) 660-0746

KEGION **ESIGN** 

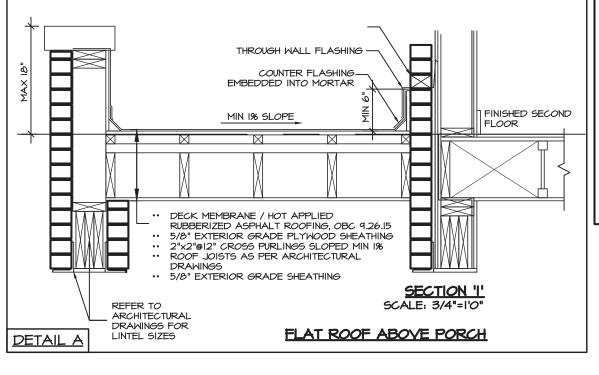
L4K 4S6

	TITLE	TLE REAR ELEVATION 1				
_	MODEL			LOT		
ſ		RIVER 5				
	DATE	MAR 2023	3/16"=			
	BY	VG	AREA			
	PROJECT 1	NO.				

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.







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## RIVER 5

COMPLIANCE PACKAGE "A1"

5.			The undersigned has reviewed and takes responsibility for design, and has the qualifications and meets the requirement		
4.			out in the Ontario Building Code to be a designer.		
3.			QUALIFICATION INFORMATION		
2.		Required unless design is exempt under Division C, Subsection 3.2.5 of the building code			
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770		
	REVISIONS	NAME SIGNATURE BCIN			

**MHP 23024** 

TOP PLATE

FIN. SECOND FLOOR

FIN. FIRST FLOOR

Nov 04 2023

SHARED

ENSUITE

II 7/8" ENG.-FLOOR CONST.

FIN. GRADE

LIVING/ DINING ROOM

> II 7/8" ENG. — FLOOR CONST.

CROSS-SECTION A-A

UNFINISHED BASEMENT

> Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 4S6 (416) 736-4096 fax (905) 660-0746

R EGION D ESIGN I NC.

	TITLE		CROSS SECTION		
	MODEL				LOT
V			RIVER 5		
J	DATE MAR 2023 SCALE 3/1			6"=1'	
•	BY		VG	AREA	-
	PROJECT	NO.			

ontractor shall check all dimensions and elevations before ommencing with work and report any discrepancies to the esigner. Prints are not to be scaled.



ZADORRA 8

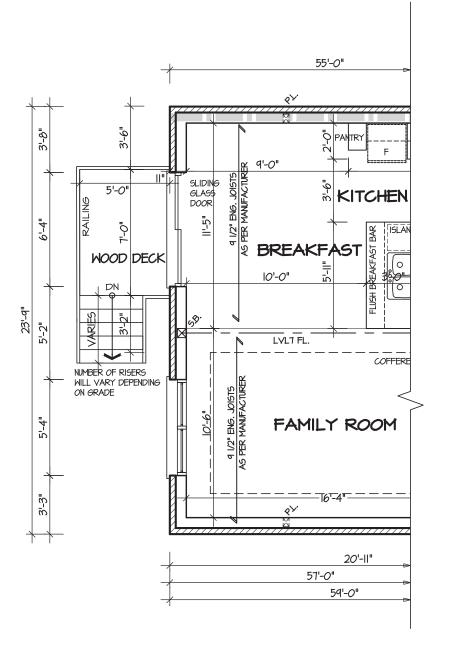
lay 12, 2023

## **MHP 23024**

59'-0" 55'-0" | ||9'-|" 4"x4" OR 6"X6" WOOD POST ON ROUGH-IN 12" CONC. PIER WASHROOM WBI RIM JOIST ALL AROUND (PRESSURE TREATED) @ 12" O.C X 6 SPR. #3 M 8XI8  $\langle 17 \rangle$ (15) 10'-7" DROPPED WBI LEDGER BOARD ANCHORED TO FOUNDATION (PRESSURE TREATED) REMOVE WINDOW WITH MIN. 4'-4" FIN. FIRST FLOOR TO GRADE CONDITION 59'-0"

PARTIAL FIRST FLOOR PLAN

DECK CONDITION



# PARTIAL BASEMENT PLAN DECK CONDITION

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JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL

STRUDET INC.

PROFESSIONAL TO SEE OF ONLY

FOR STRUCTURE ONLY

RIVER 5

**COMPLIANCE PACKAGE "A1"** 

5. 4.			The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set		
<u> </u>			out in the Ontario Building Code to be a designer.		
3.			QUALIFICATION INFORMATION		
2.			Required unless design is exempt under Division C, Subsection 3.2.5 of the building code		
1.	NEW DESIGN	MAR 2023	VIKAS GAJJAR 28770		
	REVISIONS		NAME SIGNATURE BCIN		

Ind takes responsibility for this and meets the requirements set Code to be a designer.

INFORMATION Concord, Ontario L4K 456

28770

URE BCIN

Region Design Inc.
8700 Dufferin St.
Concord, Ontario



	TITLE	DECK PLANS				
_	MODEL			LOT		
1		RIVER 5				
ſ	DATE	MAR 2023	SCALE 3/16"=			
'	BY	VG	AREA			
	PROJECT NO.		_			

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.



PROJECT: PAGE NO ZADORRA 9

## **MHP 23024**

FOR ELEV. I \$ 2 ONLY 6:12 TOP OF PLATE J TOP PLATE TOP OF TRANSOM 5 BRICK SOLDIER TOP OF WINDOW (TYP.) FG BOTTOM OF WINDOW, PRECAST CONC. SILL-FIN. SECOND FLOOR FINISH SECOND FLOOR TOP OF WINDOW FG BOTTOM OF WINDOW FIN. FIRST FLOOR FIN. FIRST FLOOR · ADD UPGRADED WINDOW WITH MIN. 4'-4" FIN. FIRST FLOOR TO GRADE FINISH GRADE FINISH GRADE - <del>|</del> FIN. BASEMENT SLAB

REAR ELEVATION I, 2 & 3

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVA

APPROVED BY:

DATE: JUL 31, 2023

nis stamp certifies compliance with the applicate Design Guidelines only and bears no further professional responsibility.

STRUDET INC.

PROFESSIONAL FROM THE PROFESSI

RIVER 5

COMPLIANCE PACKAGE "A1"

5.				
4.				
3.				
2.				
1.	NEW DESIGN	MAR 2023		
REVISIONS				

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

QUALIFICATION INFORMATION

Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJJAR

NAME

SINATURE

BCIN

Region Design Inc. 8700 Dufferin St. Concord, Ontario L4K 456 (416) 736-4096 fax (905) 660-0746



	TITLE	CROSS SECTION				
_	MODEL			LOT		
1		RIVER 5				
I	DATE	MAR 2023	SCALE 3/1	6"=1'		
•	BY	VG	AREA	-		
	PROJECT N	10.	_			

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the designer. Prints are not to be scaled.



PROJECT:

ZADORRA

PAGE N

10