STRIP FOOTINGS -

FOR SINGLES & SEMIS UP TO 2 STOREY

8" OR 10" FOUNDATION WALLS WITH 2"x8" / 2"x10" FLOOR JOISTS 20"x6" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS. 24"x8" CONCRETE STRIP FOOTINGS BELOW PARTY WALLS.

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

30"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING

(REFER TO FOOTING DETAILS ON ENGINEERED FILL)

ASSUME THE LARGER FOOTING SIZE

WHEN TWO CONDITIONS APPLY

ASSUMED 120 KPa (18 p.s.1.) SOIL BEARING CAPACITY OR 90 KPa ENGINEERED SOIL FILL, TO BE VERIFIED ON SITE.

PAD FOOTINGS

120 KPa NATIVE SOIL 90 KPa ENGINEERED FILL SOIL FI = 48"x48"x20" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD FI = 42"x42"xI8" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD

(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

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

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

BRICK VENEER LINTELS

WLI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L) + 2-2"x8" SPR. No.2

ML2 = 4"x3-1/2"x5/16"L (100x90x0.0L) + 2-2"x8" SPR. No.2 ML3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2 ML4 = 6"x3-1/2"x3/6"L (150x90x10.0L) + 2-2"x12" SPR. No.2 ML5 = 6"x4"x3/6"L (150x100x10.0L) + 2-2"x12" SPR. No.2

ML6 = 5"x3-1/2"x5/16"L (125x90x6.0L) + 2-2"x12" SPR. No.2 ML7 = 5"x3-1/2"x5/16"L (125x90x6.0L) + 3-2"x10" SPR. No.2 ML8 = 5"x3-1/2"x5/16"L (125x90x6.0L) + 3-2"x12" SPR. No.2 WL9 = 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)

MB2 = 3-2"x8" SPR. No.2 (3-36x184 SPR. No.2)
MB3 = 2-2"x10" SPR. No.2 (3-36x285 SPR. No.2)
MB4 = 3-2"x10" SPR. No.2 (3-36x285 SPR. No.2)
MB5 = 2-2"x12" SPR. No.2 (3-36x286 SPR. No.2)
MB6 = 3-2"x12" SPR. No.2 (3-36x286 SPR. No.2)
MB7 = 5-2"x12" SPR. No.2 (3-36x286 SPR. No.2)
MB81 = 4-2"x10" SPR. No.2 (4-36x285 SPR. No.2)
MB91 = 4-2"x10" SPR. No.2 (4-36x285 SPR. No.2)

WB12 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

LAMINATED VENEER LUMBER (LVL) BEAMS

LAMINATED VENEER LUMBER (LVL) BEALVLIA = I-I 3/4" × 7 I/4" (I-45×I84)
LVLI = 2-I 3/4" × 7 I/4" (2-45×I84)
LVL2 = 3-I 3/4" × 7 I/4" (3-45×I84)
LVL3 = 4-I 3/4" × 7 I/4" (3-45×I84)
LVL4A = I-I 3/4" × 9 I/2" (I-45×240)
LVL4 = 2-I 3/4" × 9 I/2" (2-45×240)
LVL5 = 3-I 3/4" × 9 I/2" (3-45×240)
LVL6A = I-I 3/4" × 9 I/2" (3-45×240)
LVL6A = I-I 3/4" × II 7/8" (1-45×300)
LVL6 = 2-I 3/4" × II 7/8" (3-45×300)
LVL7 = 3-I 3/4" × II 7/8" (3-45×300)
LVL7 = 3-I 3/4" × II 7/8" (3-45×300)
LVL1 = 3-I 3/4" × II 7/8" (3-45×356)
LVL0 = 2-I 3/4" × II 7/8" (3-45×356)

LVLIO = 2-1 3/4" x 18" (3-45×456)

LOOSE STEEL LINTELS

LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)

L2 = 4"x3-1/2"x5/16"L (100x40x8.0L) L3 = 5"x3-1/2"x5/16"L (125x40x8.0L) L4 = 6"x3-1/2"x3/6"L (150x40x10.0L)

L5 = 6"x4"x3/8"L (150x100x10.0L) L6 = 7"x4"x3/8"L (175x100x10.0L)

000000000000000000000000000000000000000	DOOR SCHEDULE						
	NOS.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT 10' OR MORE CEILING	TYPE		
8		2'-10"	6'-8"	B'-O"	INSULATED ENTRANCE DOOR		
	la	2'-8"	6'-8"	8'-0"	INSULATED FRONT DOORS		
	2	2'-8"	6'-8"	8'-0"	WOOD & GLASS DOOR		
500000	3	2'-8"	6'-8"	8'-0"	EXTERIOR SLAB DOOR		
200	4	2'-8"	6'-8"	8'-0"	INTERIOR SLAB DOOR		
8000	5	2'-6°	6'-8"	8'-O"	INTERIOR SLAB DOOR		
	6	2'-2°	6'-8"	8'-O"	INTERIOR SLAB DOOR		
	7	1'-6"	6'-8"	8'-0"	INTERIOR SLAB DOOR		

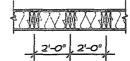
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

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

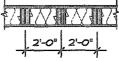
REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

2-2"x6" STUD WALL NAILED TOSETHER AND SPACED @12" O.C. FULL HT C/M SOLID BLOCKING 4'-0" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



TWO STORY HEIGHT WALL DETAIL

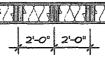
2 - I 1/2" x 5 1/2" TIMBERSTRAND (LSL) 15E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10"O.C. FULL HT C/M SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL 7/16" EXT. OSB SHEATHING



NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 20'-2" AND MAXIMUM WIDTH IS 40'-0"

TWO STORY HEIGHT WALL DETAIL

2 - I 1/2" x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @9"O.C. FULL HT C/M SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL 7/16" EXT. OSB SHEATHING



NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 21'-5" AND MAXIMUM WIDTH IS 40'-0"

TWO STORY HEIGHT WALL DETAIL

CI = 4"X4"XI/4" H.S.S. W/ IO"X8"XI/2" BASE PLATE & 2-3/4" DIA ANCHOR BOLTS C2 = 5"X5"X1/4" HSS.

W 12"XI2"XI/2" BASE PLATE & 4-3/4" DIA. ANCHOR BOLTS

USE 4 BOLTS FOR MOMENT CONNECTION

"M" - MOMENT CONNECTION BEAM/COULMN = 35 kNm

AREA CALCULATIONS			EL	EV. 3
GROUND FLOOR AREA	=		1215	Sq. Ft
SECOND FLOOR AREA	=		1438	Sq. Ft
TOTAL FLOOR AREA	=		2653	Sq. Ft.
			246.47	Sq. M.
IST FLOOR OPEN AREA	=	0		Sq. Ft
2ND FLOOR OPEN AREA	=	105		Sq. Ft
ADD TOTAL OPEN AREAS	=		105	Sq. Ft
ADD FIN. BASEMENT AREA	=		0	Sq. Ft
GROSS FLOOR AREA	=		2758	Sq. Ft.
			256.23	Sq. M.
GROUND FLOOR COVERAGE	=		1215	Sq. Ft
GARAGE COVERAGE /AREA	=		397	Sq. Ft
PORCH COVERAGE / AREA	x		73	Sq. Ft
TOTAL COVERAGE W PORCH	=		1685	Sq. Ft.
	=		156.54	9q. m.
TOTAL COVERAGE WO PORCH	=		1612	Sq. Ft.
·	=		149.76	5q. m.

COMPLIANCE PACKAGE	"Al"				
COMPONENT	NOTE				
CEILING MITH ATTIC SPACE	1057				
MINIMUM RSI (R) VALUE	(R60)				
CEILING WITHOUT ATTIC SPACE	5.46				
MINIMUM RSI (R) VALUE	(R31)				
EXPOSE FLOOR	5.46				
MINIMUM RSI (R) VALUE	(R3I)				
WALLS ABOVE GRADE	3,51				
MINIMUM RSI (R) VALUE	(R22)				
BASEMENT WALLS	3.52				
MINIMUM RSI (R) VALUE	(R20 BLANKET)				
HEATED SLAB OR SLAB 4 600mm BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (RIO)				
WINDOWS & SLIDING GLASS DOORS	ENERGY RATING = 25,				
MAXIMUM U-VALUE	MAX. U=0:28				

SPACE HEATING EQUIPMENT MINIMUM AFUE

REGION DESIGN IN

8700 DUFFERIN S

CONCORD, ONTAR

P (416) 736-4096

F (905) 660-0746

L4K 4S

MINIMUM EFFICIENCY

HOT WATER TANK

THE MINIMUM THERMAL SERFORMANCE OF BUILDING

ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE

CITY OF H	IAMILTON
Building	Division

Permit No. 21 107141

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING COUE AND ALL OTHER APPLICABLE LAW

These drawings and/or specifications have been reviewed by FEB 2 3 2021



DATE

VALLET 3	CREEK	ELV. 3			
ELEVATI ON	WALL FT2	MALL MT²	OPENING FT <sup>2</sup>	OPENING MT <sup>2</sup>	PERCENTA GE
FRONT	691.75	64.21	119.86	11.14	17,33 %
LEFT SIDE	1059.86	98.46	86.47	8.03	8.16 %
RIGHT SIDE	1059.86	98.46	32.66	3.03	3.08 %
REAR	682.29	63.39	157.41	14.62	23.01 %
TOTAL	3493.76	324.58	396.40	36,83	11.35 %



It is the builder's complete responsibility ensure that all plans submitted for approviatily comply with the Architectural Guideline and all applicable regulations and requiremen including zoning provisions and any provision in the subdivision agreement. The Comt Architect is not responsible in any way fexamining or approving site (lotting) plans working drawings with respect to eny zoning building code or permit matter or that a house rea ha emparth build rollcated on its!

This is to certify that these plans compl with the applicable Architectural Desig Guidelines approved by the City of HAMILTON

VALLEYCREEK 3-308

**COMPLIANCE PACKAGE "A1"** 

3. UPDATED FOR LOT 308 OCT 2020 2. ISSUED FINAL REFERENCE MAR 2020 ISSUED FOR COORDINATION JAN 2020 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

On The Presion C. Subsection 3.2.5 of the building code

VIKAS GAJJAR SIGNATURE NAME

28770

BCIN

ESIGN

EGION

96%

75%

MIN EF 0.80

**GENERAL NOTES** & CHARTS SCALE MB

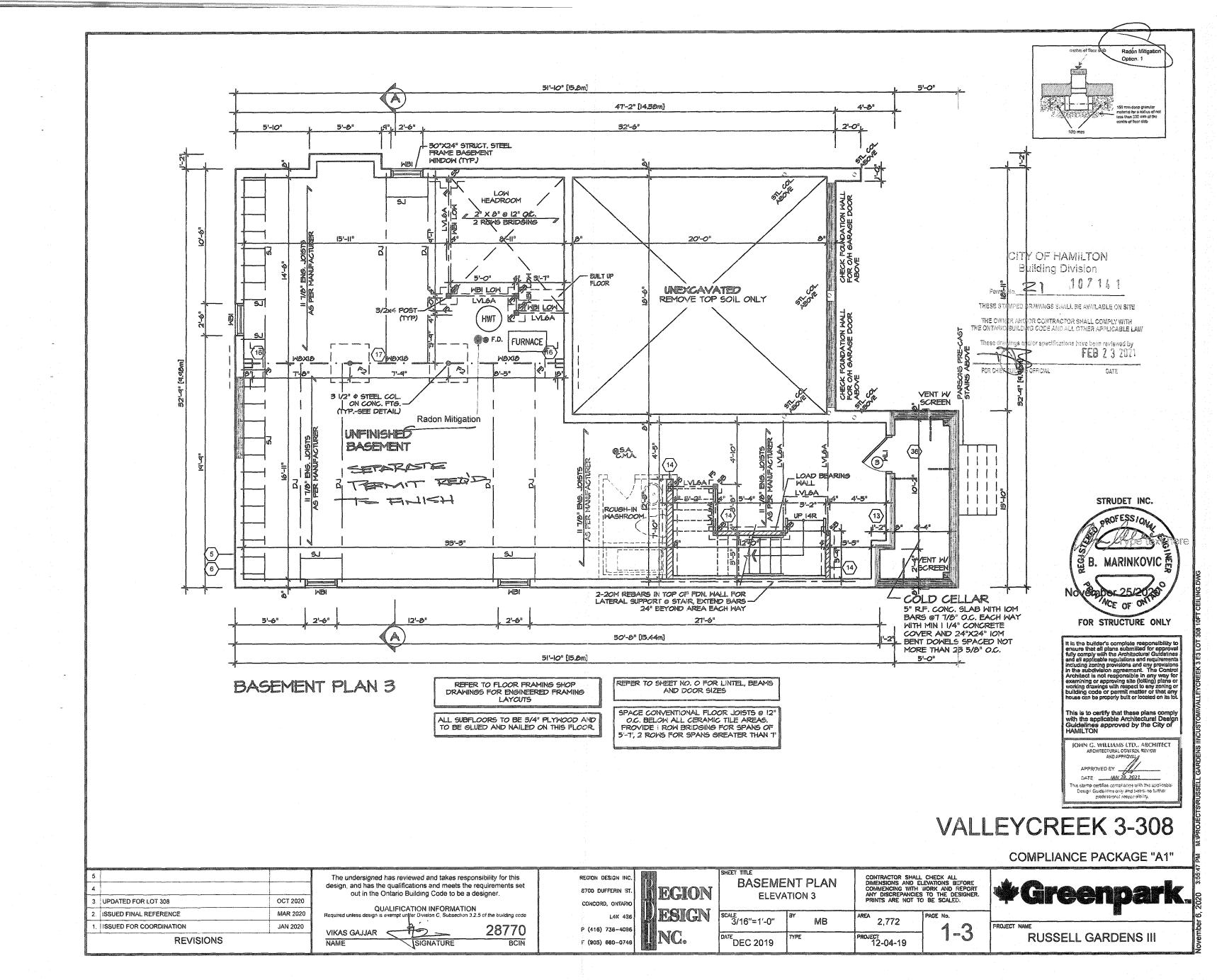
DEC 2019

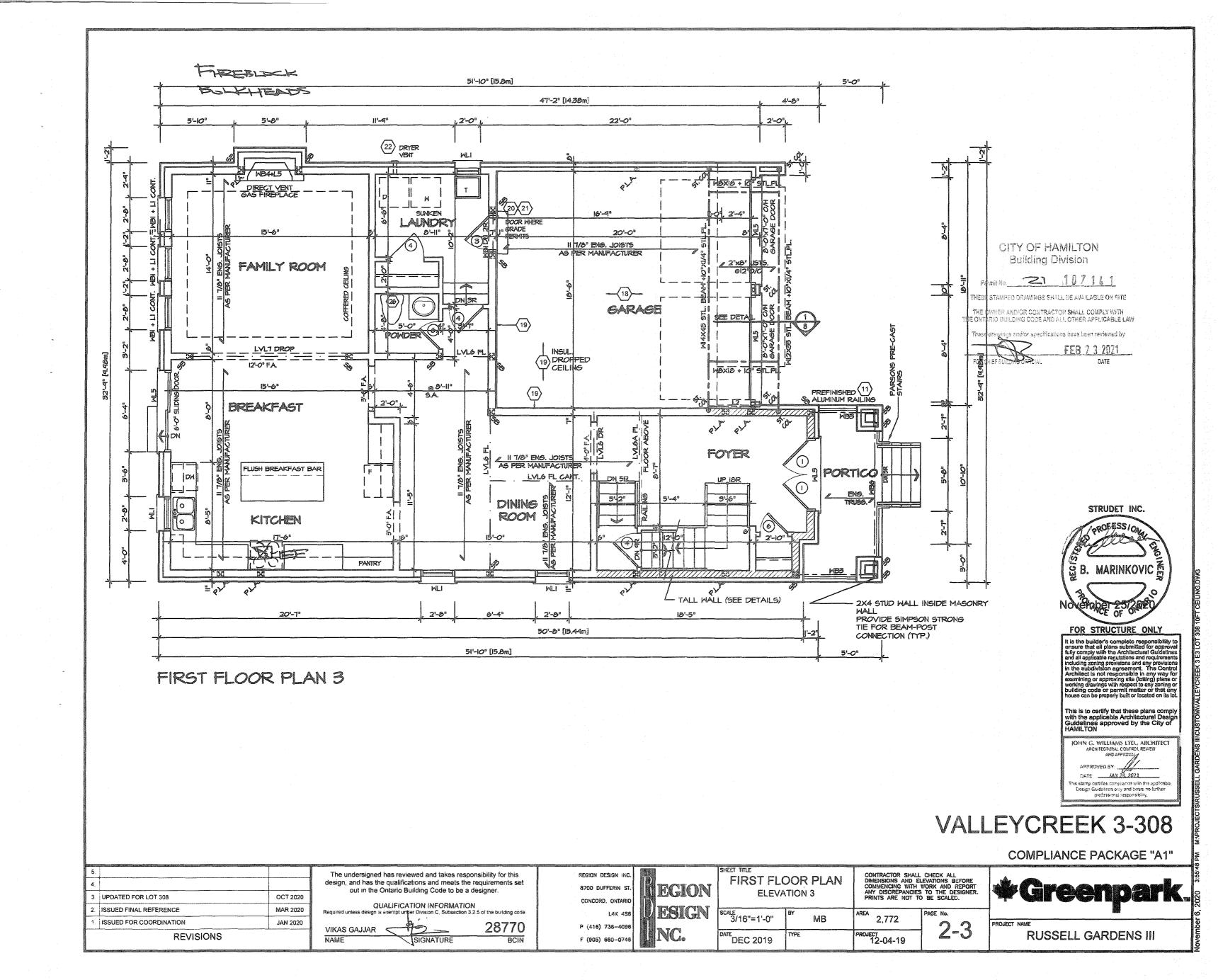
TYPE

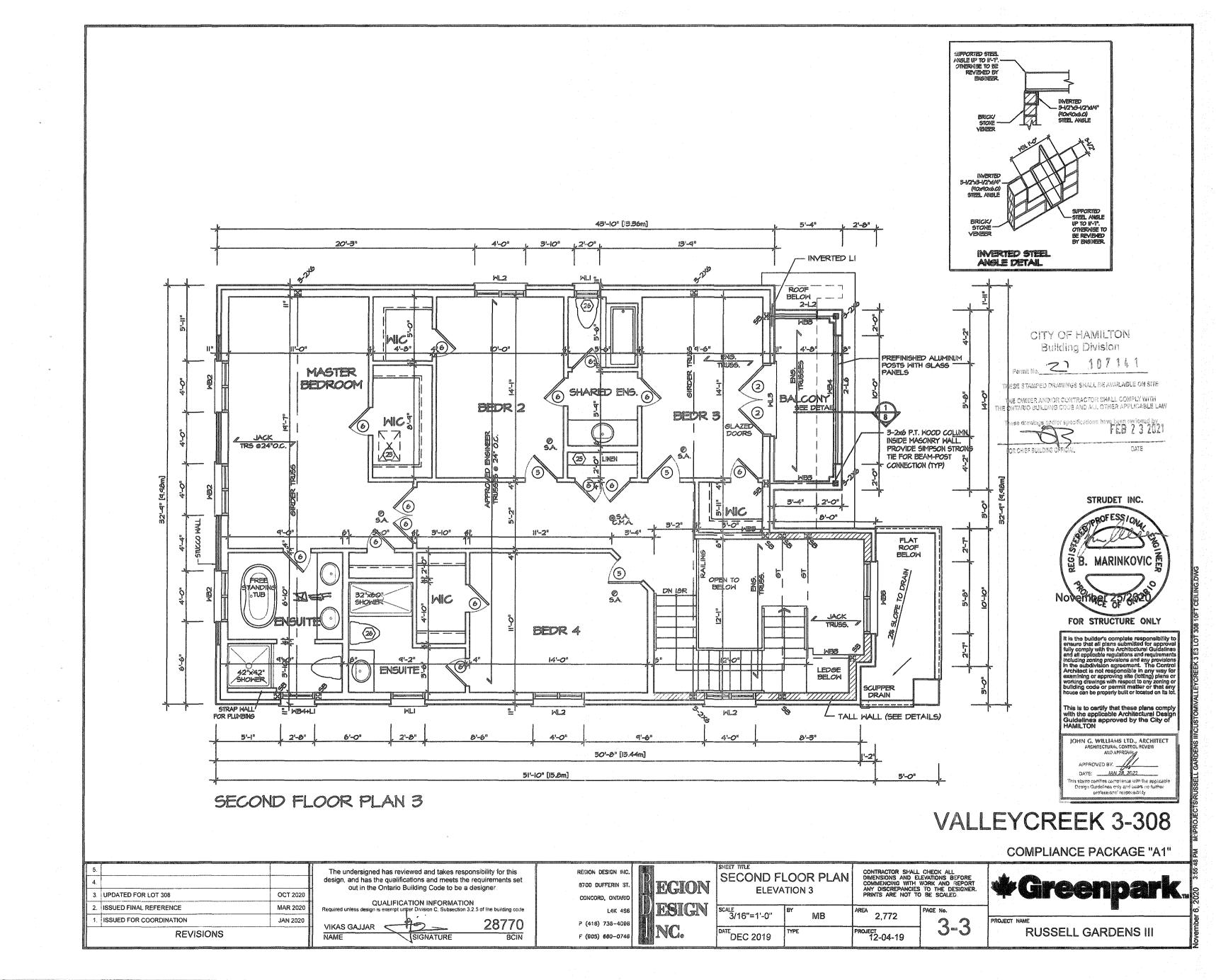
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

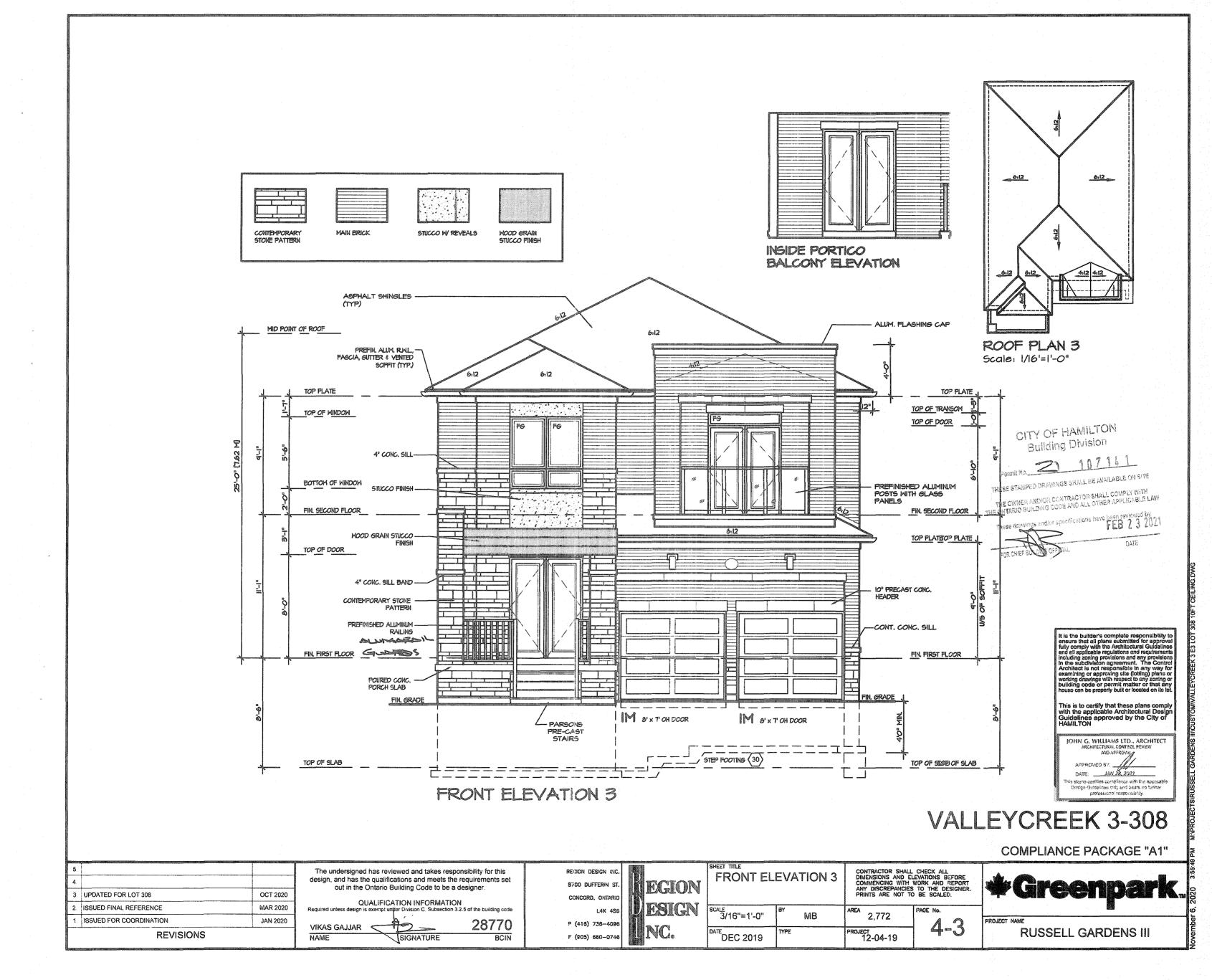
2,772 0 12-04-19

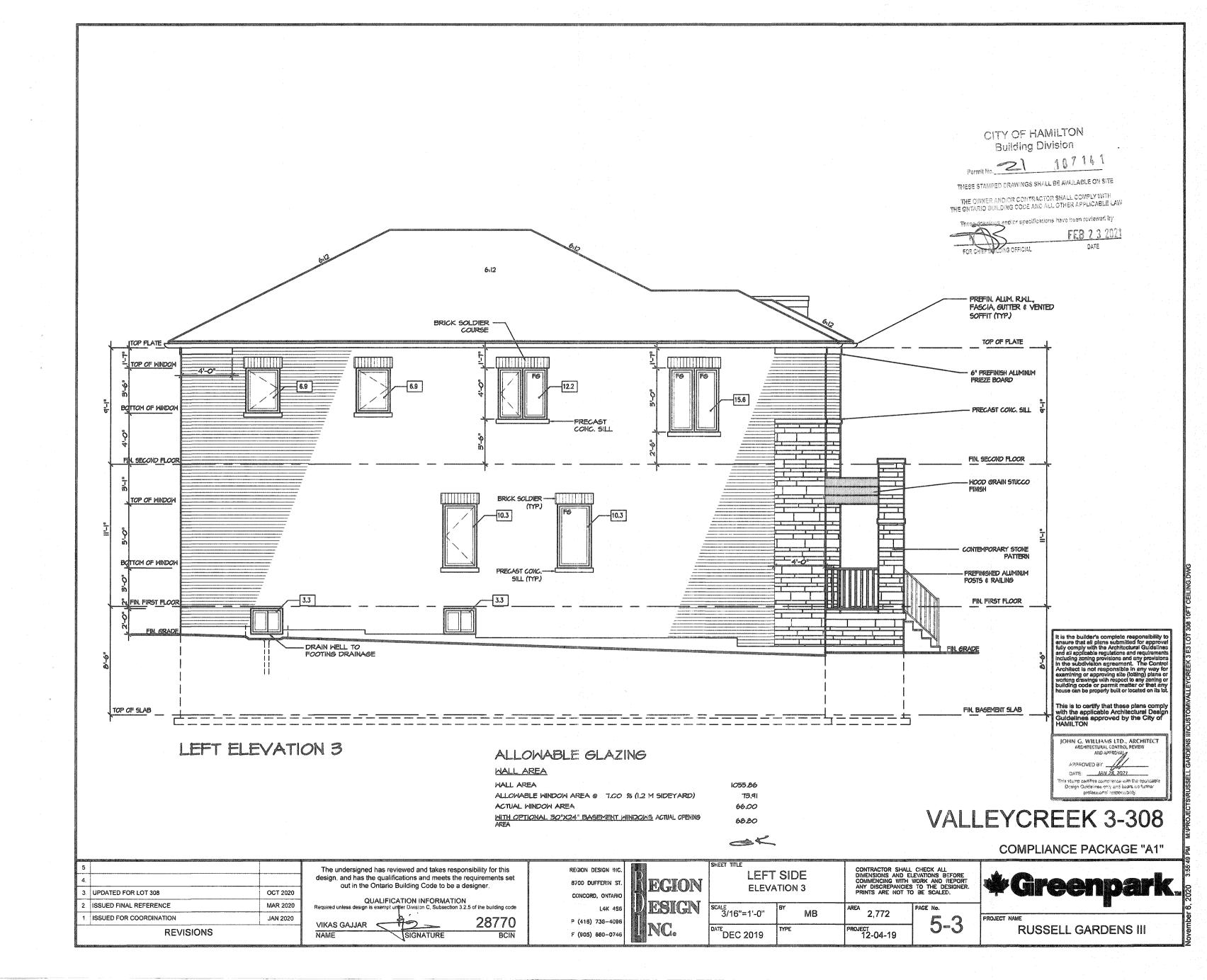
**RUSSELL GARDENS III** 

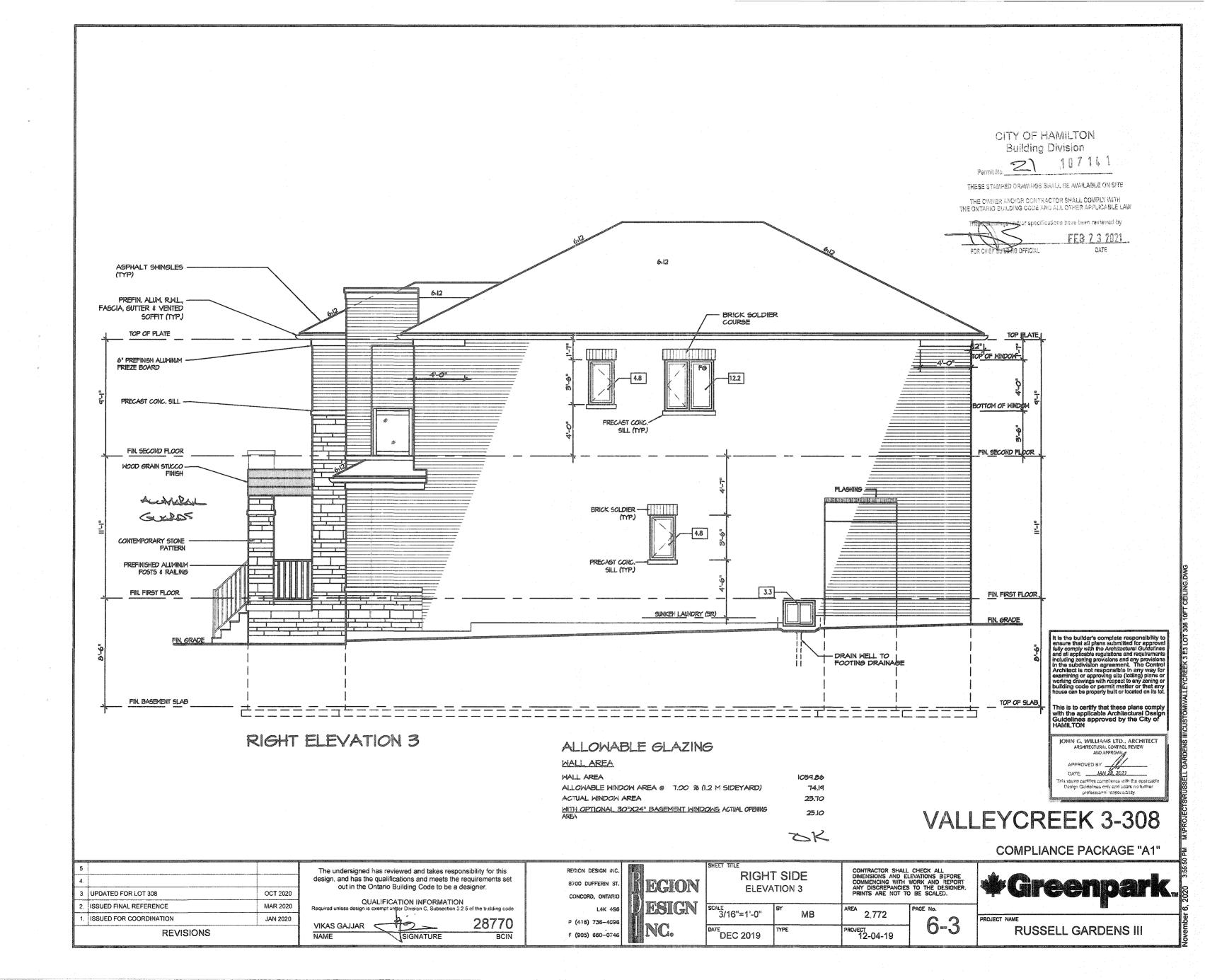


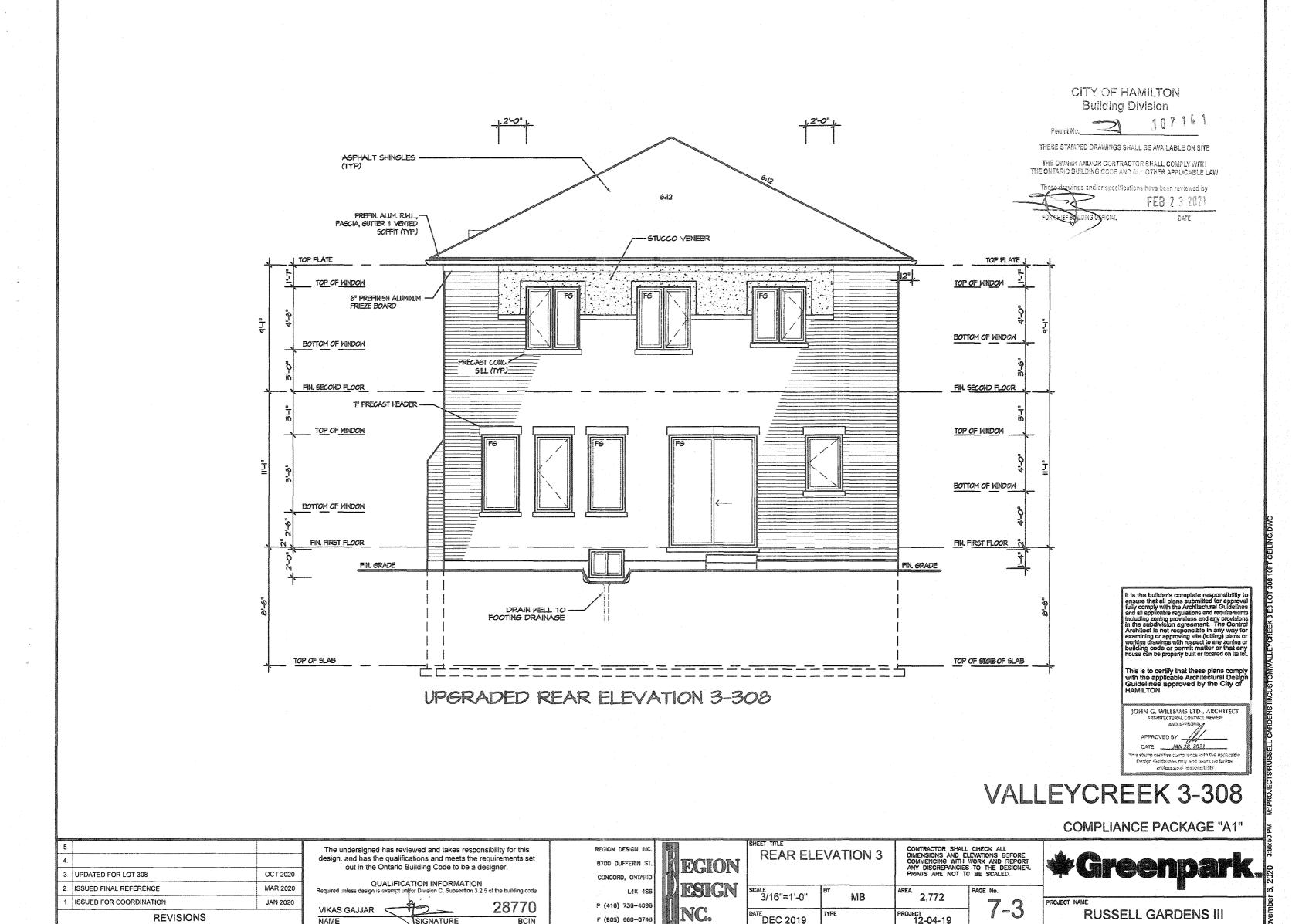






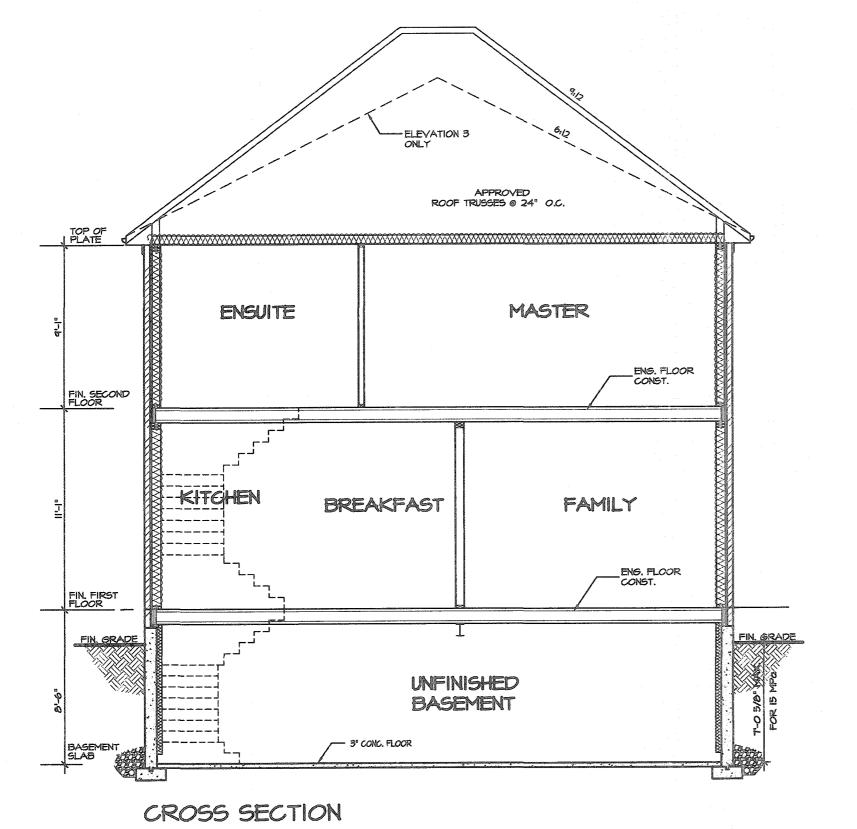


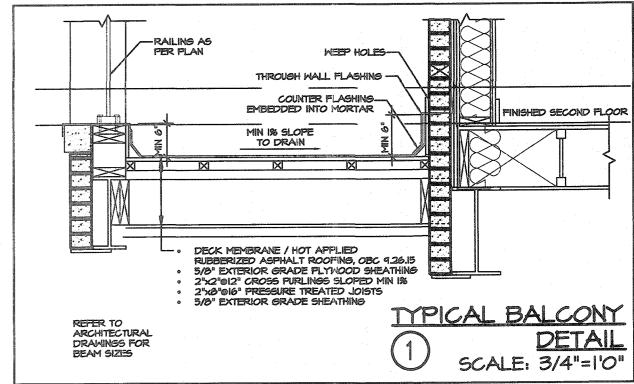


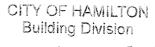


NAME

SIGNATURE







Permit No. 107141

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIC BUILDING CODE AND ALL OTHER APPLICABLE LAW

These drawings and/or specifications have been reviewed by DATE



FOR STRUCTURE ONLY

VALLEYCREEK 3-308

**COMPLIANCE PACKAGE "A1"** 

5		
4.		
3.	UPDATED FOR LOT 308	OCT 2020
2.	ISSUED FINAL REFERENCE	MAR 2020
1.	ISSUED FOR COORDINATION	JAN 2020
<del></del>	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.

VIKAS GAJJAR

NAME

QUALIFICATION INFORMATION ign is exempt uniper Division C, Subsection 3.2.5 of the building code 28770

SIGNATURE

REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4096 F (905) 660-0746



0	SECTION 1, 2 & 3	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		
3/16"=1'-0"	<sup>BY</sup> MB	AREA 2772	PAGE No.	
DEC 2019	TYPE	PROJECT 12-04-19	0	



RUSSELL GARDENS III