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

FOOTINGS ON ENGINEERED FILL

4"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

ASSUMED 120 KPa (16 p.s.i.) SOIL BEARING CAPACITY OR 90 KPa ENGINEERED SOIL FILL, TO BE VERIFIED ON SITE.

90 KPa ENGINEERED FILL SOIL

PAD FOOTINGS

120 KPa NATIVE SOIL

FI = 42°x42°x18" 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

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

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 (100x90x8.0L) + 2-2"x6" 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 (125x90x8.0L) + 2-2"x12" SPR. No.2 ML7 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x10" SPR. No.2 ML8 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" SPR. No.2

WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2 LINTELS AND BEAMS

WBI = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2)

= 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2) = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2) = 3-2"x10" SPR. No.2 (8-38x235 SPR. No.2)

MB5 = 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2) MB6 = 3-2"x12" SPR. No.2 (3-38x286 SPR. No.2) MB7 = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2) MB1 = 4-2"x10" SPR. No.2 (4-38x235 SPR. No.2)

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

LAMINATED VENEER LUMBER (LVL) BEAMS

LAMINATED VENEER LUMBER

LVLIA = I-I 3/4" x 7 1/4" (I-45x184)

LVL1 = 2-I 3/4" x 7 1/4" (2-45x184)

LVL2 = 3-I 3/4" x 7 1/4" (3-45x184)

LVL3 = 4-I 3/4" x 7 1/4" (4-45x184)

LVL4A = I-I 3/4" x 9 1/2" (I-45x240)

LVL4 = 2-I 3/4" x 9 1/2" (2-45x240)

LVL5 = 3-I 3/4" x 9 1/2" (4-45x240)

LVL6A = I-I 3/4" x 9 1/2" (4-45x300)

LVL6A = 2-I 3/4" x II 7/8" (2-45x300)

LVL6 = 2-I 3/4" x II 7/8" (2-45x300)

LVL6 = 2-1 3/4" x || 7/8" (2-45x300) LVL7 = 3-1 3/4" x || 7/8" (3-45x300) LVL7A = 4-1 3/4" x || 7/8" (4-45x300)

LVL8 = 2-1 3/4" x 14" (2-45x356) LVL9 = 3-1 3/4" x 14" (3-45x356, LVLIO = 2-1 3/4" x 18" (3-45×456)

LVL BEAMS SHALL BE VERSA-LAM 2.0E (Fo=2800psi MIN.) OR

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)

= 6"x3-1/2"x3/8"L (150x90x10.0L)

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

DOOR SCHEDULE

NOS.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT IO' OR MORE CEILING	TYPE
1	2'-10"	6'-8"	8'-0"	INSULATED ENTRANCE DOOR
la	2'-8"	6'-8"	8'-O"	INSULATED FRONT DOORS
2	2'-8"	6'-8"	&'~O"	WOOD & GLASS DOOR
3	2'-8"	6'-8"	8'-0"	EXTERIOR SLAB DOOR
4	2'-8"	6'-8"	8'-0"	INTERIOR SLAB DOOR
5	2'-6"	6'-8"	&;~O°	INTERIOR SLAB DOOR
6	2'-2"	6'-8"	8'-0"	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 T'

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

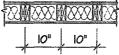
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID BLOCKING 4'-0" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.

> FX MXXXX MXXXX MXXX 12"

NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-O"

TWO STORY HEIGHT WALL DETAIL

2 - 1 1/2" x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10°0.C. FULL HT C/M SOLID BLOCKING MAX. &'-0°0.C. VERTICAL 7/16" EXT. OSB SHEATHING



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

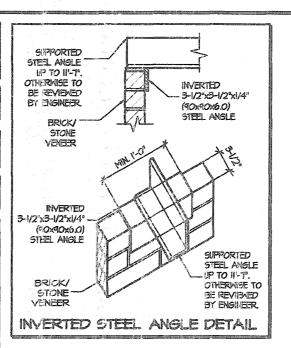
TWO STORY HEIGHT WALL DETAIL

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

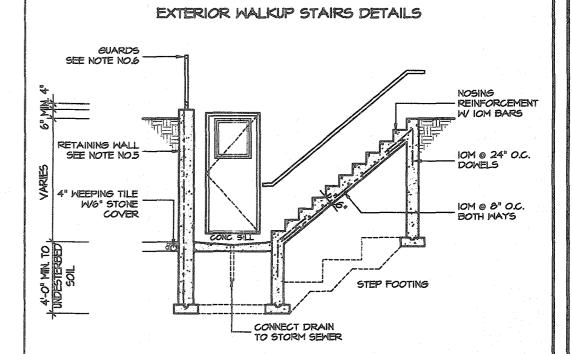
COMPLIANCE PACKAGE "AI"

COMPONENT	NOTE
CEILING WITH ATTIC SPACE MINIMUM RSI (R) VALUE	10.57 (R60)
CEILING WITHOUT ATTIC SPACE MINIMUM RSI (R) VALUE	5.46 (R31)
EXPOSE FLOOR MINIMUM RSI (R) VALUE	5.46 (R3I)
WALLS ABOVE GRADE MINIMUM RSI (R) VALUE	3.87 (R22)
BASEMENT WALLS MINIMUM RSI (R) VALUE	352 (R20 BLANKET)
HEATED SLAB OR SLAB 5 GOOMM BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (RIO)
WINDOWS & SLIDING GLASS DOORS MAXIMUM U-VALUE	ENERGY RATING = 25, MAX. U=0.28
SPACE HEATING EQUIPMENT MINIMUM APUE	96%
HRV MINIMUM EFFICIENCY	15%
HOT WATER TANK	MIN. EF 0.80

					_
AREA CALCULATIONS			ELE	V. 3	
GROUND FLOOR AREA	122		1226	Sq. Ft.	١
SECOND FLOOR AREA	=		1569	Sq. Ft.	1
TOTAL FLOOR AREA	12	Ī-	2795	Sq. Ft.	-
			259.66	Sq. M.	1
IST FLOOR OPEN AREA	22	0		Sq. Ft.	1
2ND FLOOR OPEN AREA	2	10		Sq. Ft.	
ADD TOTAL OPEN AREAS	22	Π	10	Sq. Ft.	
ADD FIN. BASEMENT AREA	25		0	Sq. Ft.	1
GROSS FLOOR AREA	2		2805	Sq. Ft.	
			260.59	Sq. M.	1
GROUND FLOOR COVERAGE	2		1226	Sq. Ft.	
GARAGE COVERAGE /AREA	22		398	Sq. Ft.	1
PORCH COVERAGE / AREA	=		64	Sq. Ft.	
TOTAL COVERAGE W PORCH	\$		1688	Sq. Ft.	1
	=		156.82	Sq. m.	
TOTAL COVERAGE WO PORCH	22		1624	Sq. Ft.	and the second
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AREA CALCULATIONS			ELE	V. 3
GROUND FLOOR AREA	122		1226	Sq. Ft.
SECOND FLOOR AREA	=		1569	Sq. Ft.
TOTAL FLOOR AREA	123		2795	Sq. Ft.
			259.66	Sq. M.
IST FLOOR OPEN AREA	22	0		Sq. Ft.
2ND FLOOR OPEN AREA	22	10		Sq. Ft.
ADD TOTAL OPEN AREAS	=		10	Sq. Ft.
ADD FIN. BASEMENT AREA	25		0	Sq. Ft.
GROSS FLOOR AREA	623		2805	Sq. Ft.
			260.59	Sq. M.
GROUND FLOOR COVERAGE	=		1226	Sq. Ft.
GARAGE COVERAGE /AREA	22		398	Sq. Ft.
PORCH COVERAGE / AREA	=		64	Sq. Ft.
TOTAL COVERAGE W PORCH	\$		1688	Sq. Ft.
	=		156.82	Sq. m.
TOTAL COVERAGE WO PORCH	22		1624	Sq. Ft.
	2	Ī	150.87	5q. m.



SECTION

GENERAL NOTES

FOOTING 24"X8" POURED CONC. FOOTING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED GRANULAR FILL.

MINIMUM COMPRESSIVE STRENGTH OF 32 MPa (4650 psi) @ 28 DAYS W 5% TO 8% AIR ENTRAINMENT

EXTERIOR STAIRS 3. 7 7/8" RISE MAXIMUM

8 1/4" RUN MINIMUM

9 1/4" TREAD MINIMUM

INSULATION

FOR INSULATION VALUE & VAPOUR BARRIER LOCATION REFER TO NOTE 13 OF STANDARD

RETAINING WALL

10" POURED CONCRETE W/ NO REINFORCING REQUIRED FOR WALL HEIGHTS TO A MAX, OF 4'-7".
PROVIDE 15M VERTICAL REINFORCEMENT @ 16" O.C. AND 15M HORIZONTAL REINFORCEMENT @ 24" O.C. FOR WALL HEIGHTS TO 7'-O". RETAINING WALL TO RESIST LATERAL DESIGN LOADS AS

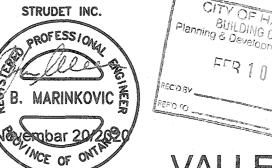
GUARDS

3'-6" HIGH WHERE DISTANCE FROM GRADE TO BOTTOM OF WALKOUT EXCEEDS 5'-11"; 2'-11" FOR LESSER HEIGHTS, MAXIMUM 4" BETWEEN VERTICAL PICKETS,

	VALLEYCREEK 4		ELEV3	COMPLIANCE PACKAGE "AI"			
	ELEVATION	WALL FT ²	WALL MT ²	OPENING FT ²	OPENING MT2	PERCENTAGE	
	FRONT	724.93	61.35	99,94	9.28	13.79 %	
CITY OF HAMIL		1259.09	116.97	62.00	5.76	4.92 %	
Building Divisi	RIGHT SIDE	1238.08	115.02	55 <i>.3</i> 3	5.14	4.47 %	
Permitt. 10714	REAR	679.56	63.13	166.61	15.48	2452 %	
THESE STAMPED DRAWINGS SHALL BE I	TOTAL	3901.66	362.48	383.88	35.66	9.84 %	

C.

It is the builder's complete responsibility ensure that all plans submitted for appro-fully comply with the Architectural Guidelin and all applicable regulations and requireme including zoning provisions and any provision in the subdivision agreement. The Cont Architect is not responsible in any way examining or sporoving site (lotting) plans



BUILDING DIVISION Planning & Development Departme FFR 1 0 2021

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

VALLEYCREEK 4-285

The undersigned has reviewed and takes responsibility for this REGION DESIGN INC design, and has the qualifications and meets the requirements set EGION 8700 DUFFERIN S out in the Ontario Building Code to be a designer.

5.		
4.		
3.		
2.	UPDATED FOR LOT 285	SEP 2020
1.	ISSUED FOR REVIEW	JAN 2020
	REVISIONS	

QUALIFICATION INFORMATION

SIGNATURE

VIKAS GAJJAR

NAME

28770

L4K 45 P (416) 736-4096 F (905) 660-0746

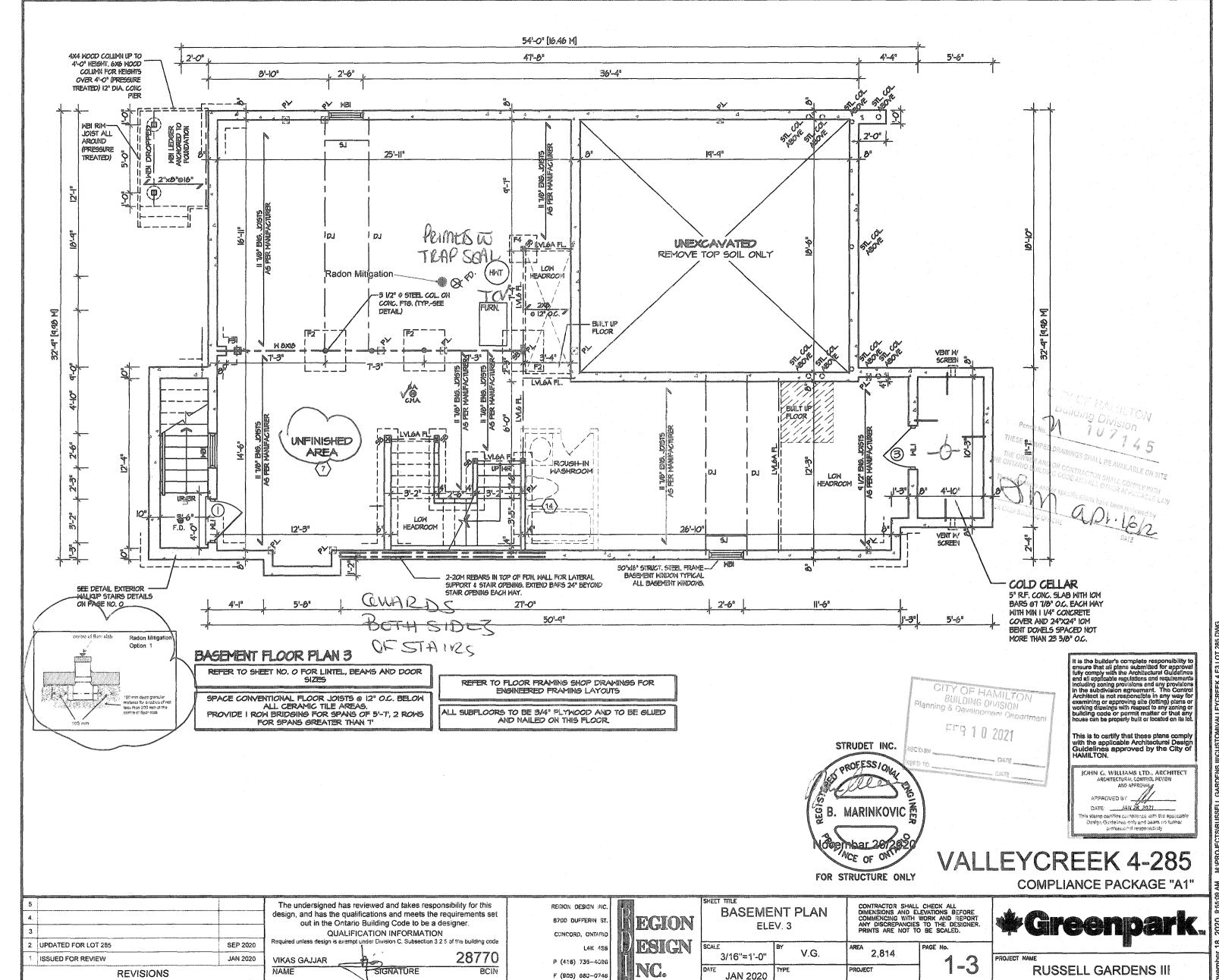


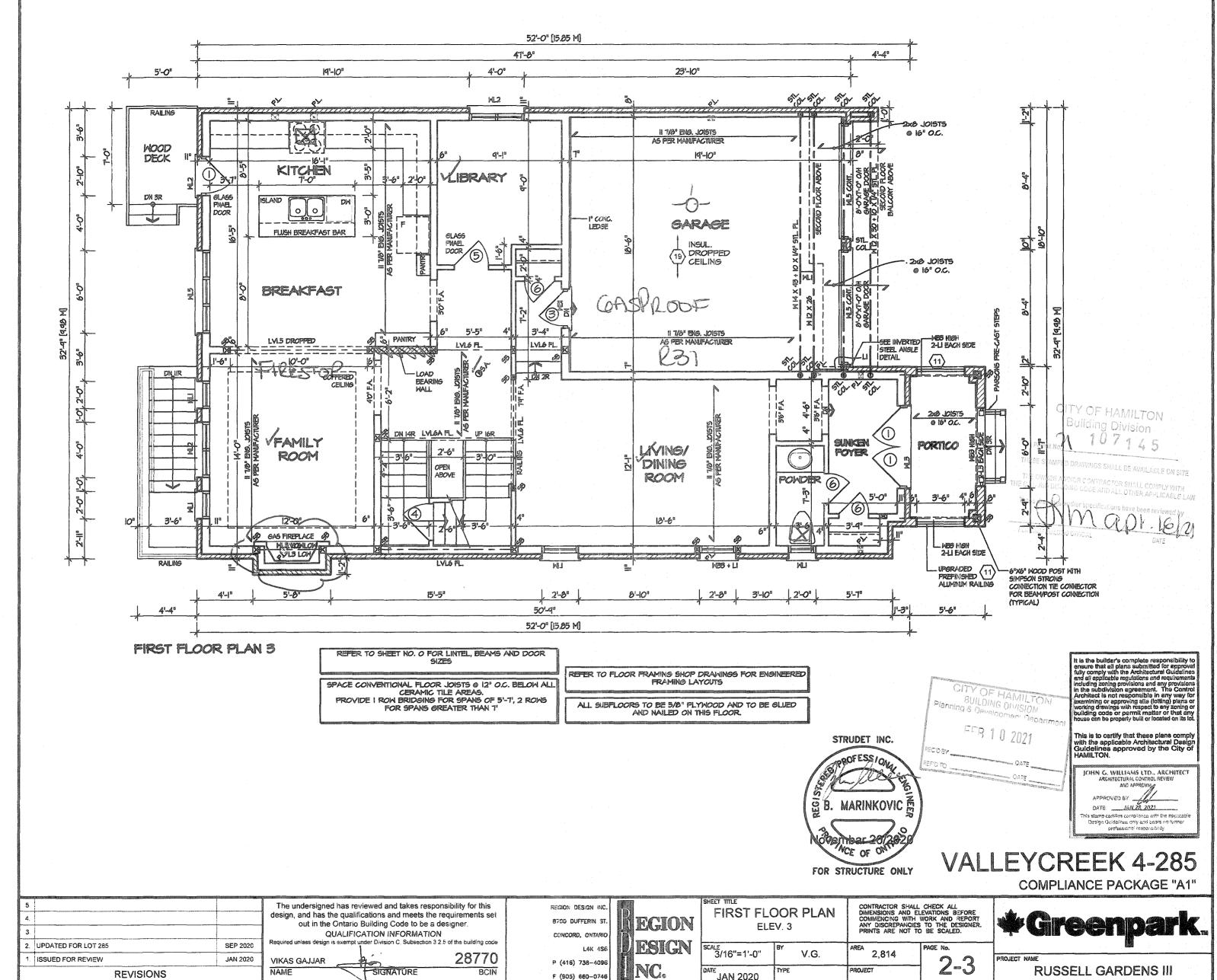
AREA C	CHARTS	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		
3/16"=1'-0"	V.G.	AREA 2,814	PAGE No.	PRO
JAN 2020	TYPE	PROJECT	U	W WOOM WATER

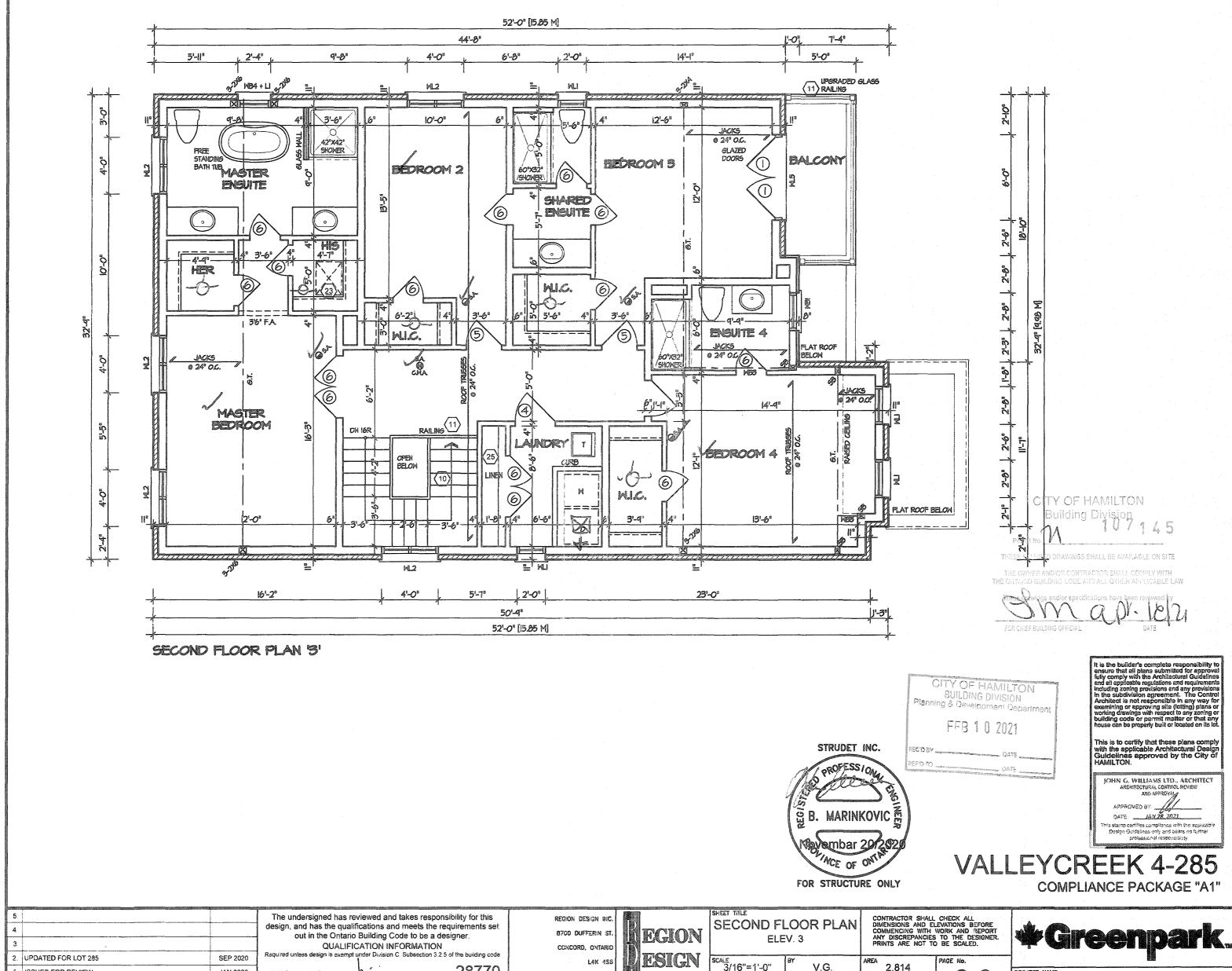
FOR STRUCTURE ONLY

COMPLIANCE PACKAGE "A1"

ROJECT NAM







28770

BCIN

SIGNATURE

P (416) 736-4096

F (905) 660-0746

ISSUED FOR REVIEW

REVISIONS

JAN 2020

VIKAS GAJJAR

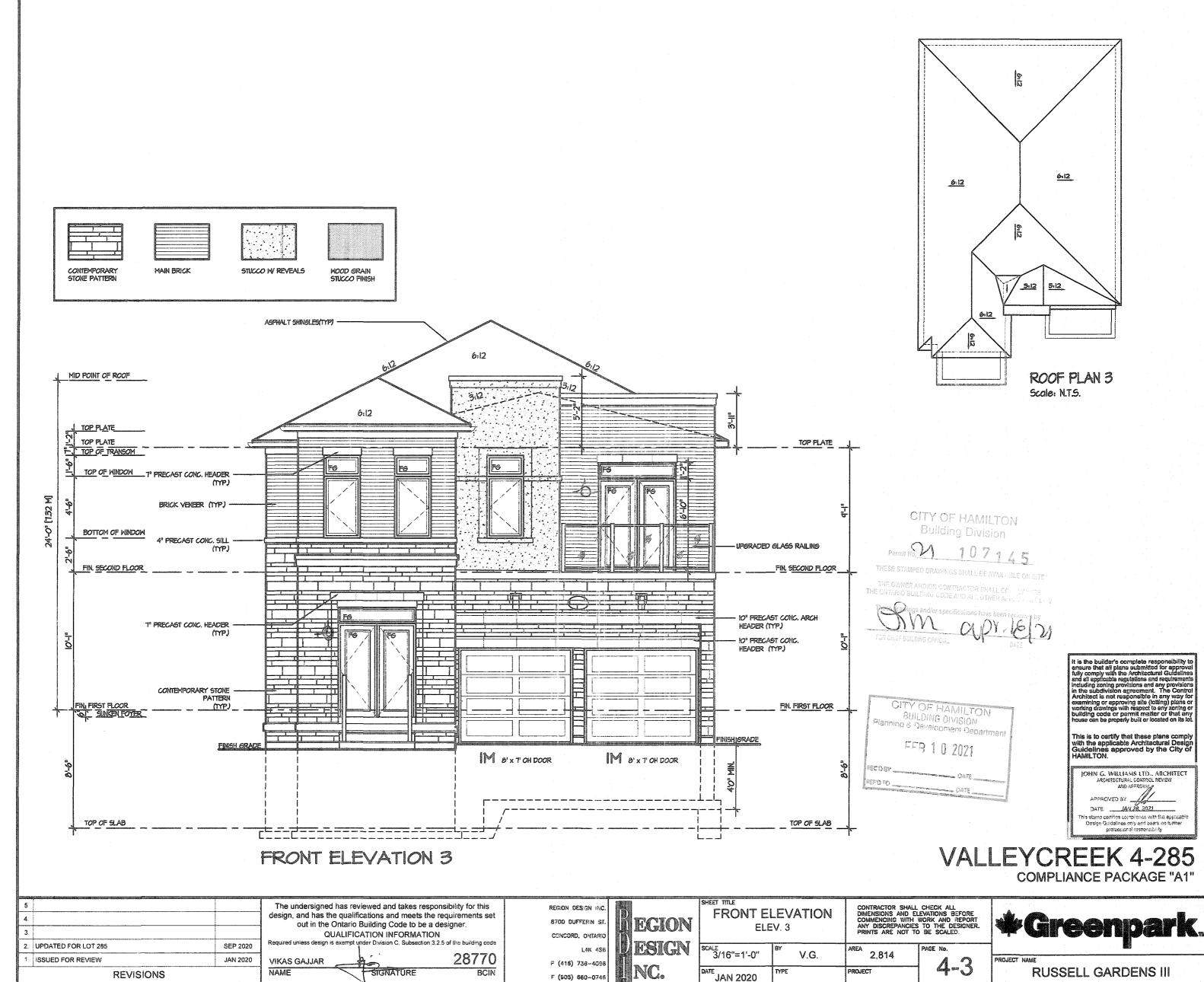
NAME

V.G.

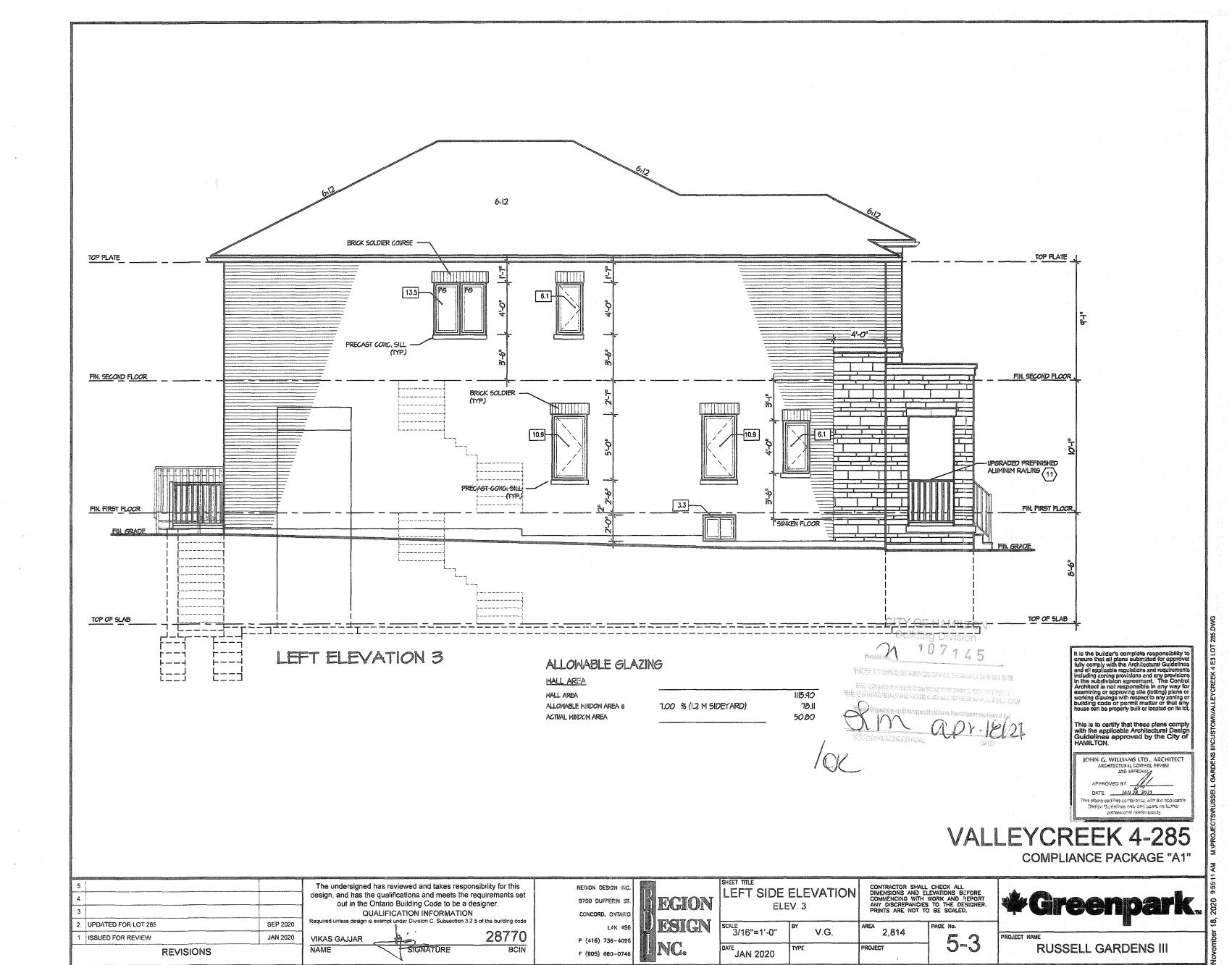
JAN 2020

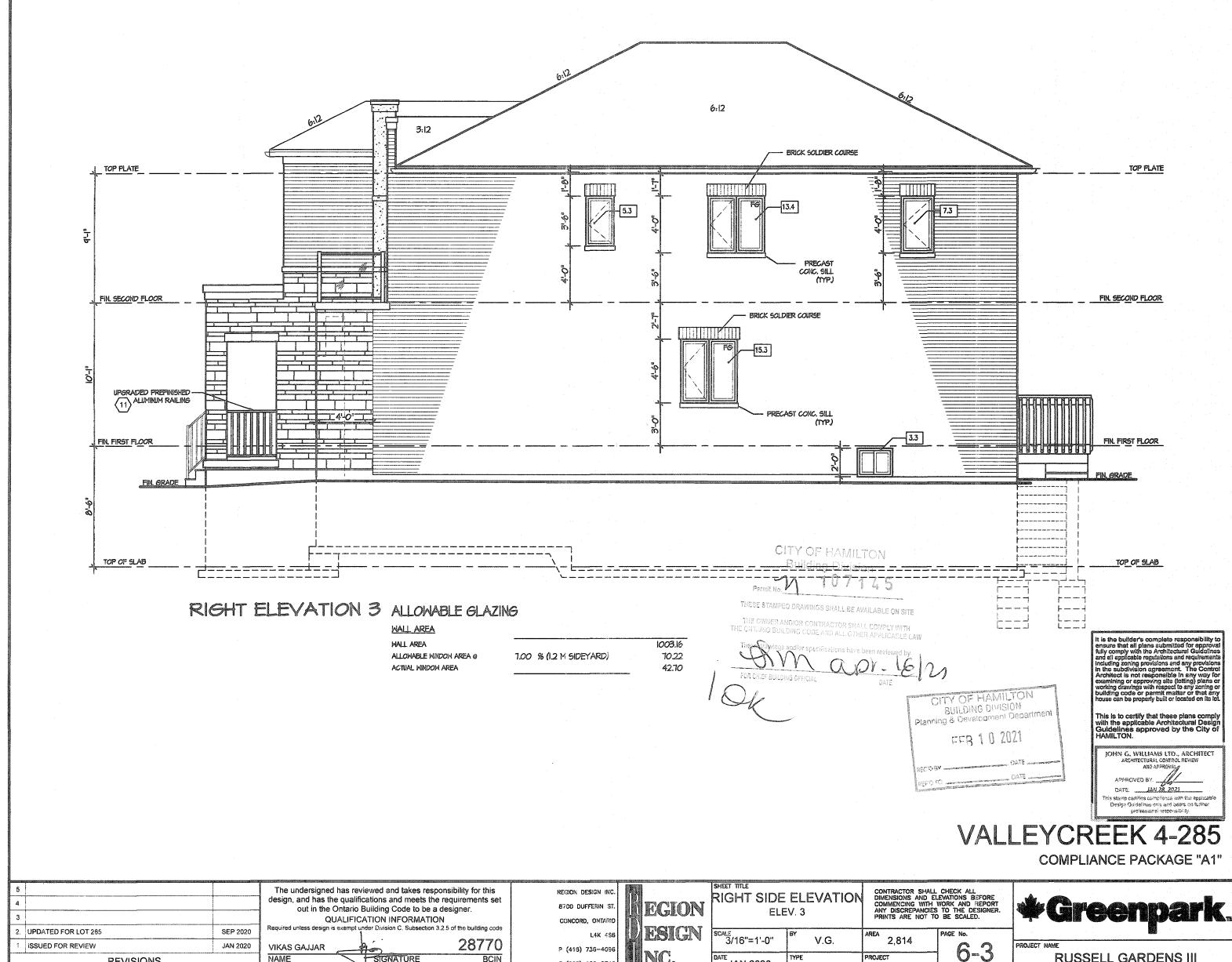
2,814

3-3



MAPROJECTS/RUSSELL GARDENS III/CUSTOMIVALLEYCREEK 4 E3 LOT 285





P (416) 736-4096

F (905) 660-0746

1E JAN 2020

ISSUED FOR REVIEW

REVISIONS

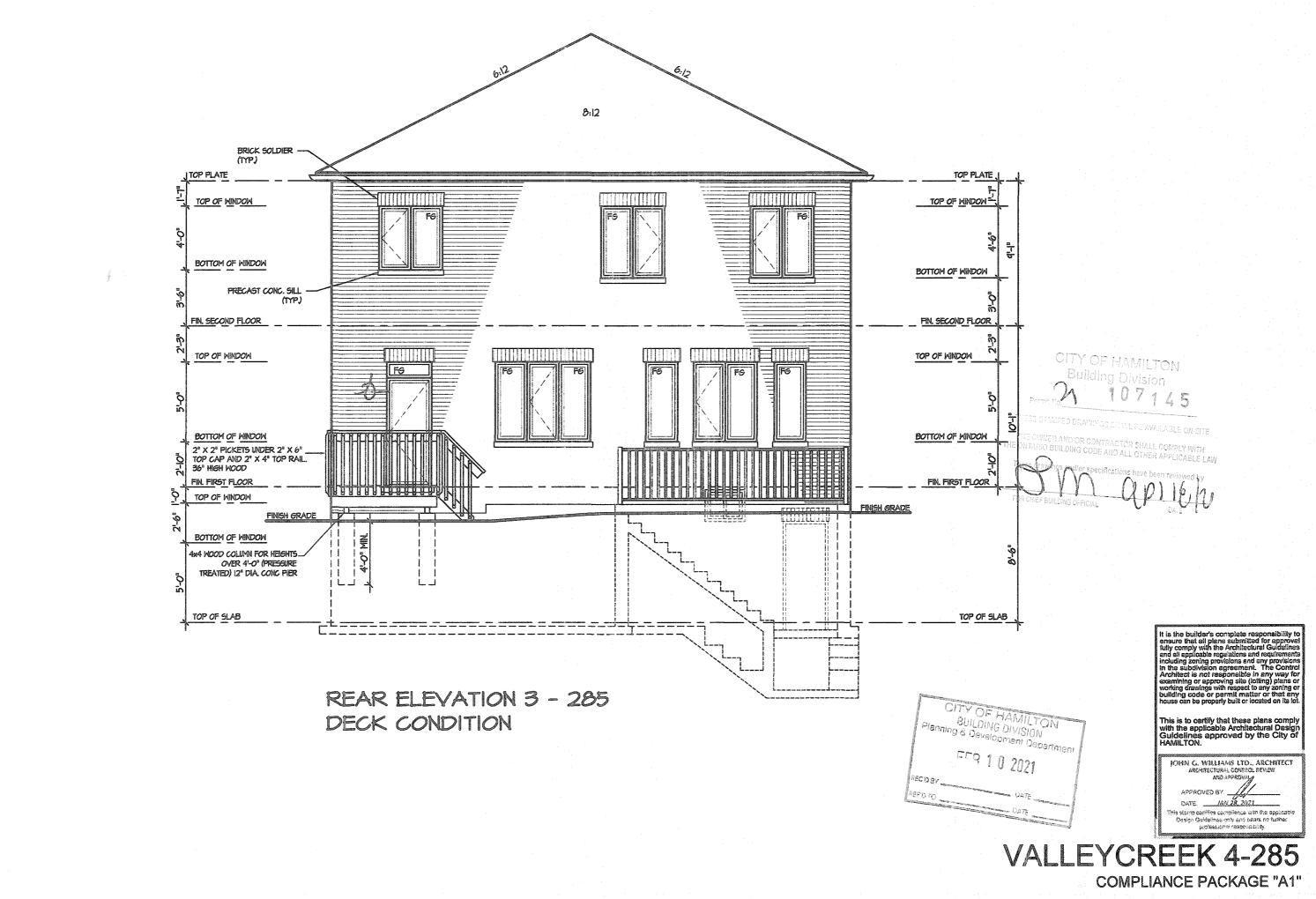
JAN 2020

VIKAS GAJJAR

NAME

SIGNATURE

PROJECT NAME



REGION DESIGN INC.

8700 DUFFERIN ST.

P (416) 736-4096

F (905) 660-0746

L4K 4S6

EGION

ESIGN

REAR ELEVATION

ELEV.,3

V.G.

2,814

SCALE 3/16"=1'-0"

JAN 2020

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.

SEP 2020

JAN 2020

VIKAS GAJJAR

NAME

2. UPDATED FOR LOT 285

REVISIONS

QUALIFICATION INFORMATION sign is exempt under Division C, Subsection 3.2.5 of the building code

28770

BCIN

II. 15:12 AM M:PROJECTSIRUSSELL GARDENS IINCUSTOMIVALLEYCREEK 4 E3 LOT 285.DVM

