NOS.		HEDULE HEIGHT 8' to 9' CEILING	HEIGHT 10' OR MORE CEILING	TYPE
1 1 2 3 4 5 6 7	2'-10" 2'-8" 2'-8" 2'-8" 2'-6" 2'-6"	6'-8" 6'-8" 6'-8" 6'-8" 6'-8" 6'-8"	8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0"	INSULATED ENTRANCE DOOR INSULATED FRONT DOORS WOOD & GLASS DOOR INSULATED EXT. SLAB DOOR INTERIOR SLAB DOOR

BELOW ALL CERAMIC TILE AREAS. PROVIDE 1 ROW BRIDGING FOR SPANS OF 5'0"-7'0", 2 ROWS FOR SPANS GREATER THAN 7'0".

NOTE: ROOF FRAMING

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

NOTE: ENGINEERED FLOOR FRAMING

DETAILS. UNLESS OTHERWISE NOTED.

TWO STOREY HEIGHT <u>WALL DETAIL</u> 2-2"x6" STUD WALL NAILED TOGETHER AND SPACED • 12"o.c. FULL HEIGHT, c/w SOLID BLOCKING O 4'-0" O.C. VERTICAL AND 7/16 EXT. PLYWOOD SHEATHING. <u>NOTE:</u> MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-0" AND MAX. SUPPORTED LENGTH OF TRUSS IS 40'-0".

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7)) ENERGY EFFICIENCY - 08C S812 HIGHGROVE 5E AND ELEV. 3 ELEVATION WALL AREA S.F. OPENING S.F. PERCENTAGE FRONT 490.03 S.F. 112.68 S.F. 22.99 % LEFT SIDE 1012.83 S.F. 58.07 S.F. 5.73 % RIGHT SIDE 1012.83 S.F 0.00 % 490.03 S.F. 132.91 S.F. 27.12 % * OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. 4.5 S.F REFER TO ELEVATION FOR LOCATION TOTAL SQ. FT. 9.95 % TOTAL SQ. M. 279.24 SW. 27.79 **6**∕.M. 9.95/%

AREA CALCULATIONS	<u>FLEV '1'</u>
GROUND FLOOR AREA SECOND FLOOR AREA	1030 SF 1234 SF
TOTAL FLOOR AREA	2264 SF (210.33 m2)
FIRST FLOOR OPEN AREA SECOND FLOOR OPEN AREA	00 SF 00 SF
ADD TOTAL OPEN AREAS ADD FINISHED BSMT AREA	+00 SF +00 SF
GROSS FLOOR AREA	2264 SF
	(210.33 m2)
GROUND FLOOR COVERAGE	1030 SF
GARAGE COVERAGE/AREA	220 SF
PORCH COVERAGE/AREA	90 SF
COVERAGE W/ PORCH	1340 SF
	(124.49 m2)
COVERAGE W/O PORCH	1250 SF
	(116.13 m2)

AREA CALCULATIONS	FLEV '2'
GROUND FLOOR AREA SECOND FLOOR AREA	1030 SF 1234 SF
TOTAL FLOOR AREA	2264 SF (210.33 m2)
FIRST FLOOR OPEN AREA SECOND FLOOR OPEN AREA	00 SF 00 SF
add total open areas add finished bsmt area	+00 SF +00 SF
GROSS FLOOR AREA	2264 SF
	(210.33 m2)
GROUND FLOOR COVERAGE	1030 SF
GARAGE COVERAGE/AREA	220 SF
PORCH COVERAGE/AREA	102 SF
COVERAGE W/ PORCH	1352 SF
	(125.61 m2)
COVERAGE W/O PORCH	1250 SF
	(116.13 m2)

AREA CALCULATIONS E	LEV '3/3A/3B'
GROUND FLOOR AREA SECOND FLOOR AREA	1024 SF 1228 SF
TOTAL FLOOR AREA	2252 SF (209.22 m2)
FIRST FLOOR OPEN AREA SECOND FLOOR OPEN AREA	00 SF 00 SF
ADD TOTAL OPEN AREAS ADD FINISHED BSMT AREA	+00 SF +00 SF
GROSS FLOOR AREA	2252 SF (209.22 m2)
GROUND FLOOR COVERAGE GARAGE COVERAGE/AREA PORCH COVERAGE/AREA	1024 SF 220 SF 96 SF
COVERAGE W/ PORCH	1340 SF (124.50 m2)
COVERAGE W/O PORCH	1244 SF (115.57 m2)

OCT 0 4 2017

HIGHGROVE 5E

& AREAS

COMPLIANCE PACKAGE A1

24488		•
		project no
BCIN		
	Droion	RUSS
42658	DESIGN	
	Proidit	date
	255 Consumers Rd Suite 120	MARCH
	Toronto ON M2J 1R4	drawn by
roperty	t 416.630.2255 f 416.630.4782	WT
	ua Idaaian aam	

<u> </u>	proje
DECIGN	ΚU
DESIGN	date
255 Consumers Rd Suite 120	MAR

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

490.03 S.F.

1012.83 S.F.

1012.83 S.F.

490.03 S.F.

3005.72 S.F.

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))

279.24 S.M.

490.03 S.F.

1012.83 S.F

1012.83 S.F

490.03 S.F.

3005.72 S.F.

279.24 **5**.M.

ENERGY EFFICIENCY - OBC SB12

ALL AREA S.F. OPENING S.F. PERCENTAGE

113.42 S.F.

58.07 S.F.

132.91 S.F.

0 S.F.

4.5 S.F.

299.90 S.F.

27.86 Ş*i*∕M.

ENERGY EFFICIENCY - 08C S812

ALL AREA S.F. OPENING S.F. PERCENTAGE

113.67 S.F.

58.07 S.F.

132.91 S.F.

4.5 S.F.

300.15 S.F.

27.88 S.M.

0 S.F

23.15 %

5.73 %

0.00 %

27.12 %

9.98 %

9.98 🚜

23.20 %

5.73 %

0.00 %

27.12 %

9.99 %

9.99 V%

HIGHGROVE 5E AND ELEV. 1

* OPENINGS OMITTED AS PER

SB-12 3.1.1.9(4) MAX 19.9 S.F.

REFER TO ELEVATION FOR LOCATION

HIGHGROVE 5E AND ELEV. 2

* OPENINGS OMITTED AS PER

SB-12 3.1.1.9(4) MAX 19.9 S.F.

REFER TO ELEVATION FOR LOCATION

ELEVATION

LEFT SIDE

RIGHT SIDE

TOTAL SQ. FT.

TOTAL SQ. M.

ELEVATION

LEFT SIDE

RIGHT SIDE

TOTAL SQ. FT.

TOTAL SQ. M.

FRONT

8		
H	VI D	project
8	DECIGN	RUS
٥	DESIGN	date
4	255 Consumers Rd Suite 120	MARC
1	Toronto ON M2J 1R4	drawn I
	1 446 676 6866 4 446 676 1766	

Greenpar	*Greenpark .		
Project name	RDOWN,		
Onsumers Rd Suite 120 MARCH 2017	TYPK		
oronto ON M2J 1R4 drawn by checked by scale 30.2255 f 416.630.4782 WT - 3/16" = 1'-0"			

SELL.	GARDENS	PH.2	WATERDOWN, ON.	
2017			TYPICAL N	OTES
	-61-	_4 L.		

HIGHGROVE 5E

e undersigned has reviewed and takes responsibility for this design	
d has the qualifications and meets the requirements set out in the taria Building Code to be a Designer.	7
offication information	
chard Vink 24488	
me signature BCIN	
3 Design Inc. 42658	
ntractor must verify oil dimensions on the job and report any crepancy to the Designer before proceeding with the work. All	255

16036-HIGHGROVE 5E

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 ENGINEERED 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.
30"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING.
BELOW PARTY WALLS.
(REFER TO ENGINEER FILL FOOTING DETAIL)

STRIP FOOTINGS - FOR SINGLES & SEMIS UP TO 2 STOREYS

ASSUME THE LARGER FOOTING SIZE WHEN TWO CONDITIONS APPLY

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

PAD FOOTINGS

120 KPa. NATIME SOIL	90 KPa. ENGINEERED FILL SOIL
F1 = 42"x42"x18" 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
F5 = 16"x16"x8" Concrete PAD	
(REFER TO FLOOR PLAN FOR UNUSU	JAL SIZE PADS NOT ON CHART.)

VENEER CUT

WHEN VENEER CUT IS GREATER THAN 26", A 10" POURED CONCRETE FOUNDATION WALL IS REQUIRED.

EXPOSED CONCRETE (FLATWORK)

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

BRICK VENEER LINTELS (WL)

WL1 = $3-1/2$ " x $3-1/2$ " x $1/4$ "L (90x90x6.0L)	+	2-2"x8" SPR. No.2
WL2 =4" \times 3-1/2" \times 5/16"L (100x90x8.0L)		2-2"x8" SPR. No.2
WL3 =5" x $3-1/2$ " x $5/16$ "L (125x90x8.0L)	+	2-2"x10" SPR. No.2
$WL4 = 6" \times 3 - 1/2" \times 3/8"L (150x90x10.0L)$		2-2"x12" SPR. No.2
$WL5 = 6" \times 4" \times 3/8"L (150x100x10.0L)$	+	2-2"x12" SPR. No.2
WL6 =5" x 3-1/2" x 5/16"L (125×90x8.0L)	+	2-2"x12" SPR. No.2
WL7 =5" x $3-1/2$ " x $5/16$ "L (125x90x8.0L)	+	3-2"x12" SPR. No.2
WL8 =5" x $3-1/2$ " x $5/16$ "L (125x90x8.0L)	+	3-2"x10" SPR. No.2
$WL9 = 6" \times 4" \times 3/8"L (150 \times 100 \times 10.0L)$	+	3-2"x10" SPR. No.2

WOOD LINTELS AND BEAMS (WB)

WB1	=2-2"x8" (2-38×184)	SPR. No.2
WB2	=3-2"x8"	3-38×184)	SPR. No.2
WB3	$=2-2^{n}x10^{n}$		
WB4	$=3-2^{n}x10^{n}$		
WB5	$=2-2^{n}x12^{n}$	(2-38x286)	SPR. No.2
WB6	=3-2"x12"	(3-38x286)) SPR. No.2
WB7	=5-2"x12"	(5-38x286)) SPR. No.2
WB11	=4-2"x10"	(4-38x235)) SPR. No.2
WB12	=4-2"x12"	(4-38x286)	SPR. No.2

LAMINATED VENEER LUMBER (LVL) BEAMS

,——	***************************************
LVL1A	=1-1 3/4"x7 1/4" (1-45x184)
LVL1	=2-1 3/4"x7 1/4" (2-45x184)
LVL2	=3-1 3/4"x7 1/4" (3-45x184)
LVL3	=4-1 3/4"x7 1/4" (4-45x184)
LVL4A	=1-1 3/4"x9 $1/2$ " $(1-45x240)$
LVL4	$=2-1 \ 3/4$ "x9 $1/2$ " $(2-45x240)$
LVL5	$=3-1 \ 3/4$ "x9 $1/2$ " $(3-45x240)$
LVL5A	$=4-1 \ 3/4" \times 9 \ 1/2" \ (4-45 \times 240)$
LVL6A	=1-1 3/4"x11 7/8" (1-45x300)
LVL6	$=2-1 \ 3/4"x11 \ 7/8" \ (2-45x300)$
LVL7	=3-1 3/4"x11 7/8" (3-45x300)
LVL8	=2-1 3/4"x14" (2-45x356)
LVL9	$=3-1 \ 3/4"x14" \ (3-45x356)$

LOOSE STEEL LINTELS (L)

	
L1	=3-1/2" x 3-1/2" x 1/4"L (90x90x6.0L) =4" x 3-1/2" x 5/16"L (100x90x8.0L)
1.2	$=4" \times 3-1/2" \times 5/16"L (100x90x8.0L)$
L3	=5" x 3-1/2" x 5/16"L (125x90x8.0L)
L4	$=6^{\circ\prime\prime} \times 3-1/2^{\circ\prime\prime} \times 3/8^{\circ\prime}L (150\times90\times10.0L)$
L5	=6" x 4" x 3/8"L (150x100x10.DL)
L6	=7" x 4" x 3/8"L (180x100x10.0L)

SPACE ALL CONVENTIONAL FLOOR JOISTS @ 12" O.C.

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

REFER TO ENGINEERED FLOOR FLAYOUTS FOR ALL ENGINEERED FLOOR FRAMING INFORMATION AND

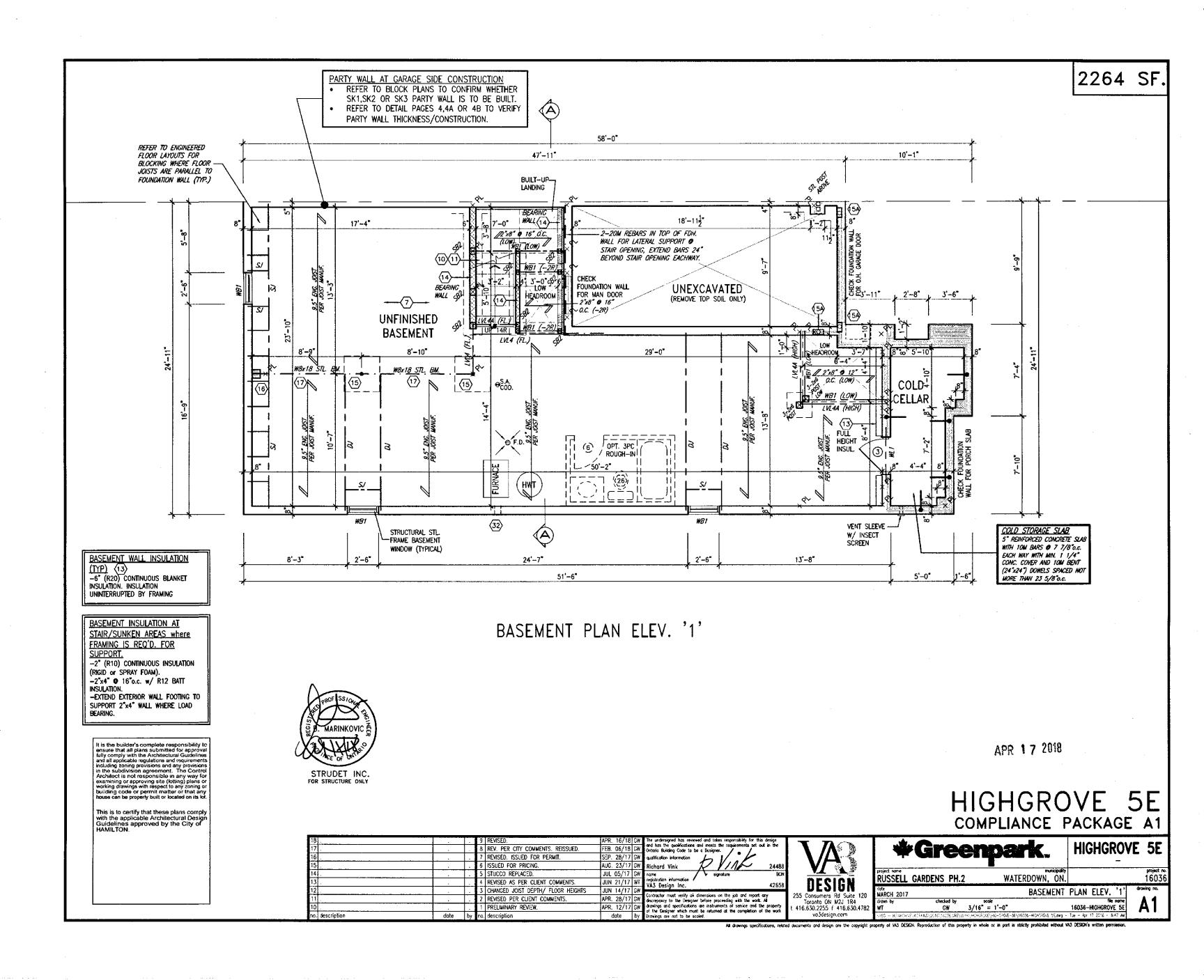
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all apphasable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible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

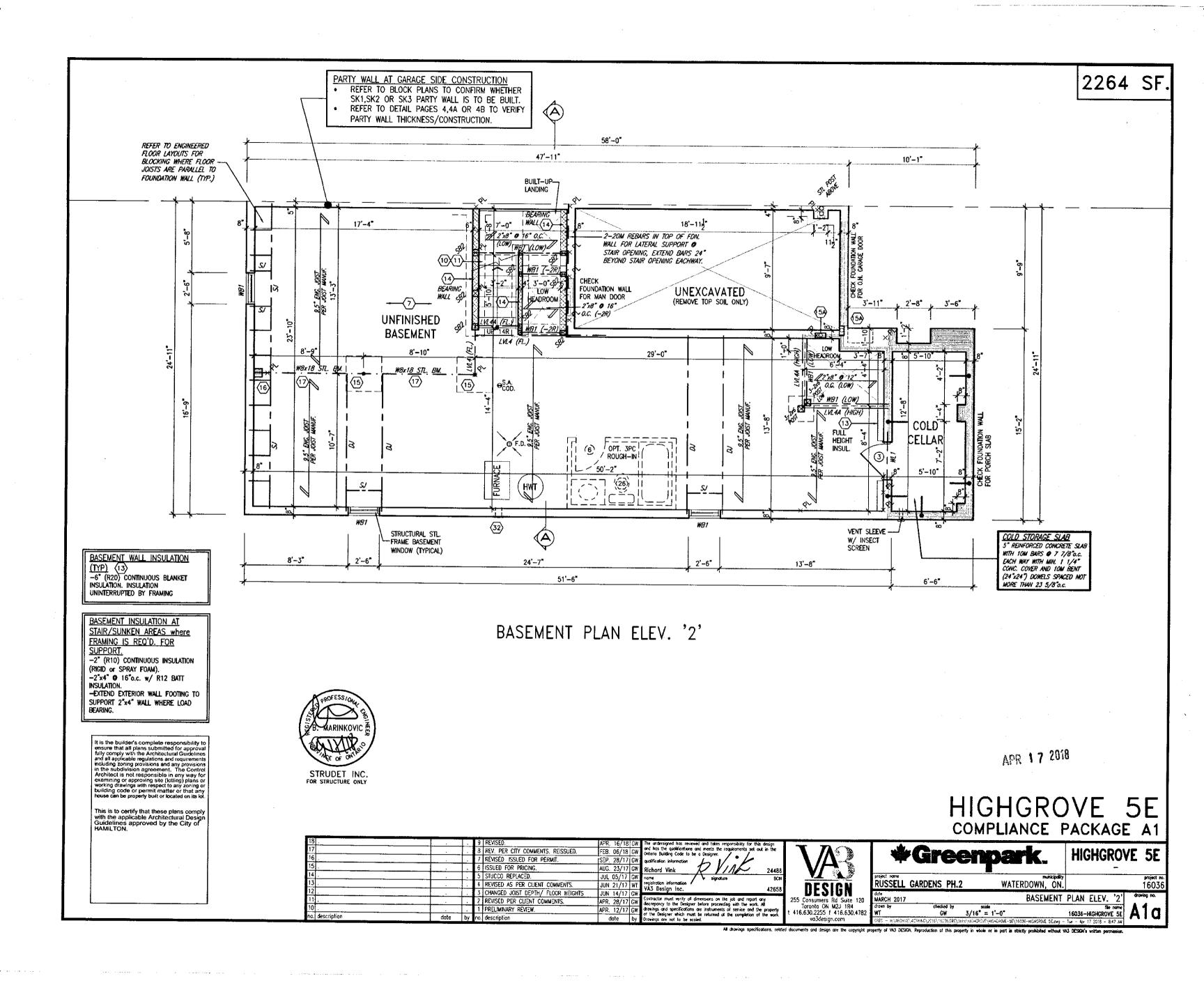
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of HAMILTON,

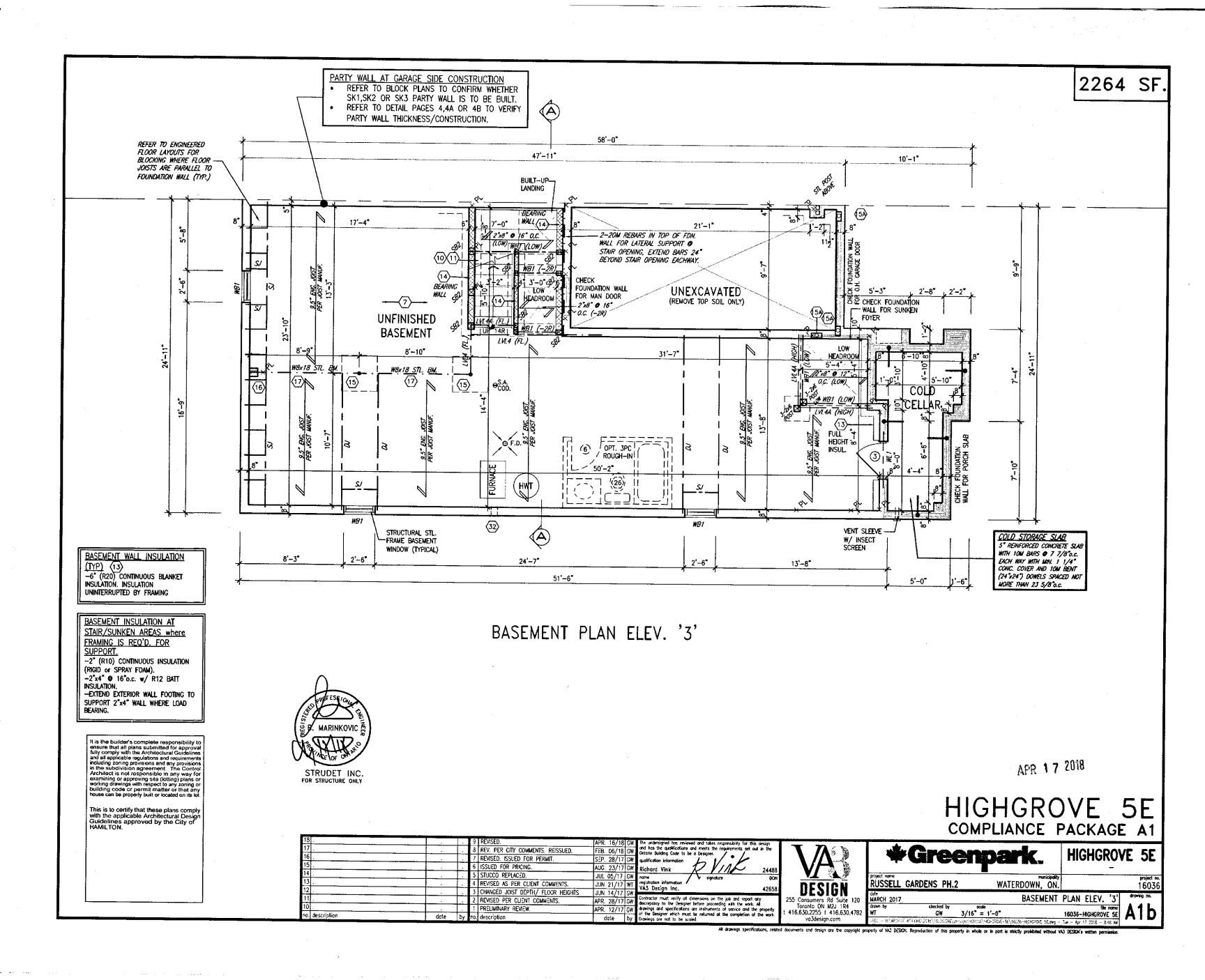


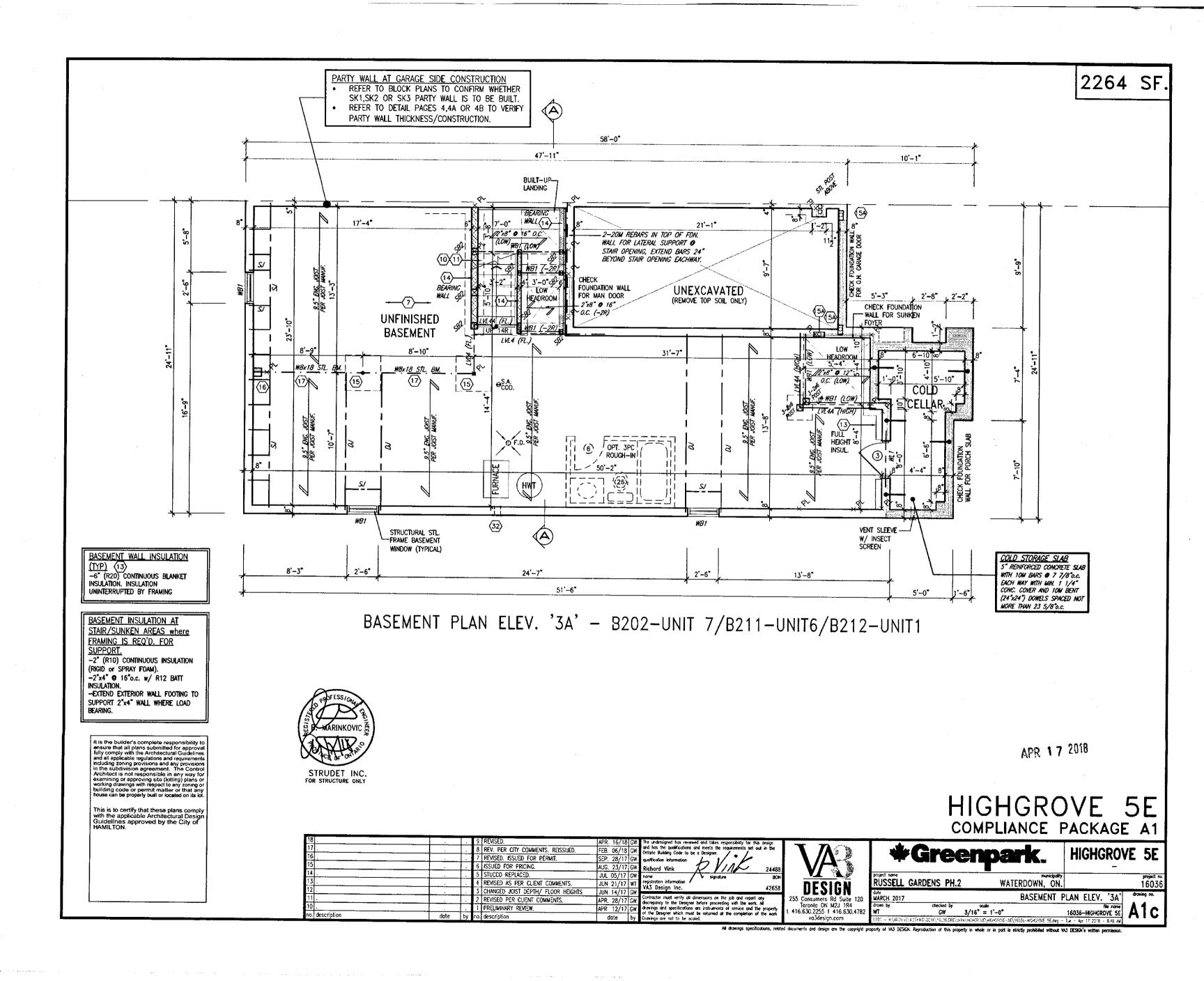
STRUDET INC.

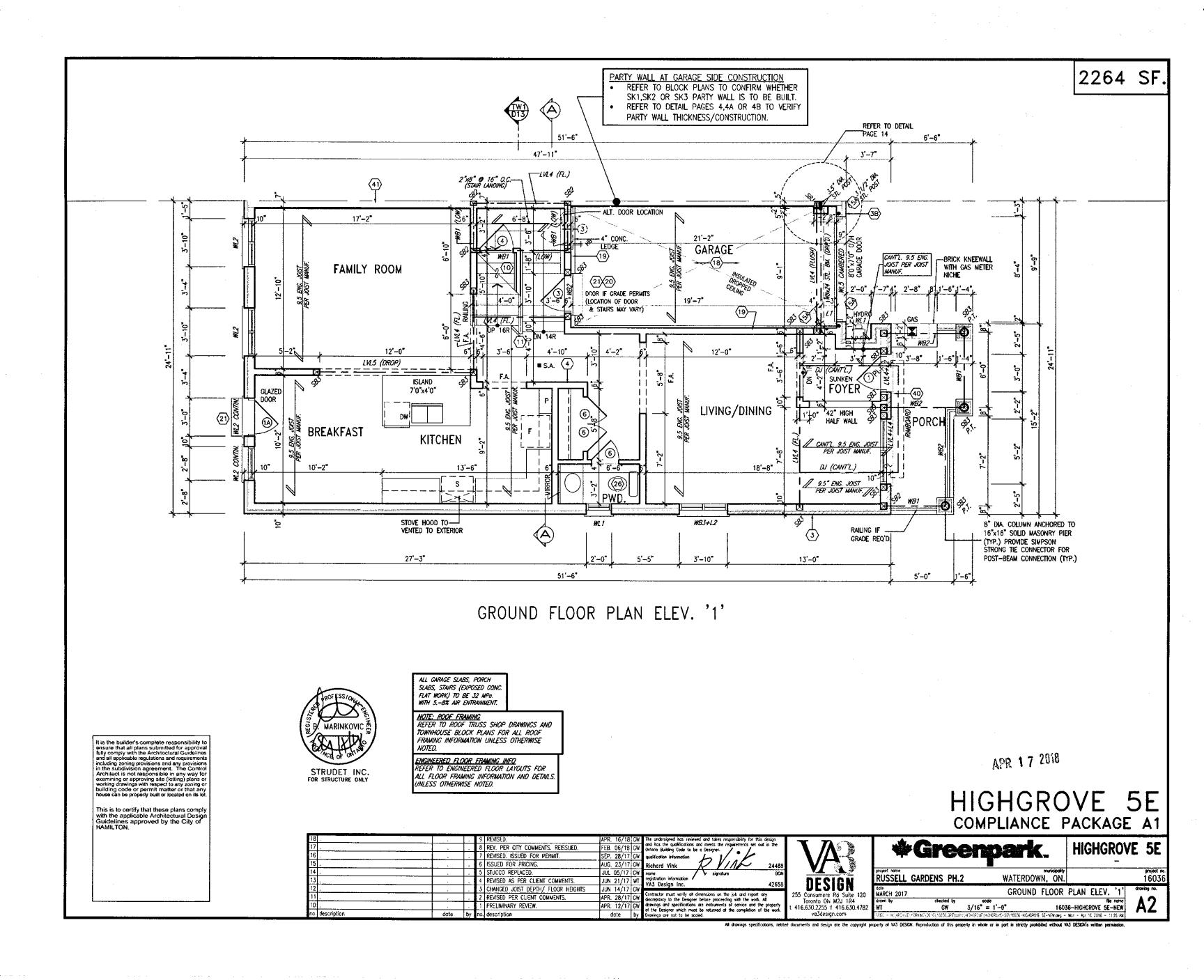
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3				4	REVISED AS PER CLIENT COMMENTS.	JUN 21/17	WT	ı
2		.		3	CHANGED JOIST DEPTH/ FLOOR HEIGHTS	JUN 14/17	GW	ı
1		.		2	REVISED PER CLIENT COMMENTS.	APR. 28/17	Ġ₩	1
0				1	PRELIMINARY REVIEW.	APR. 12/17	GW	1
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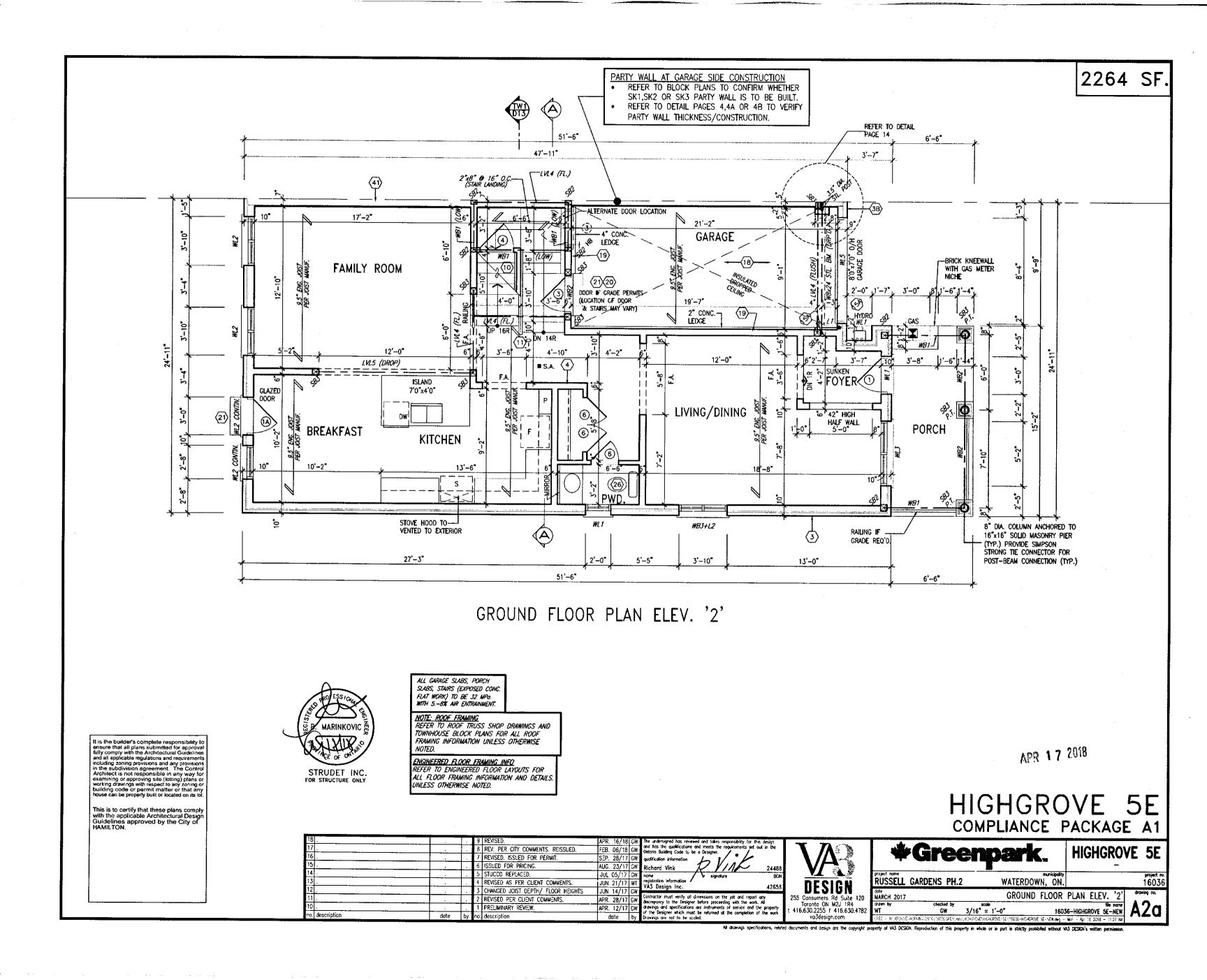


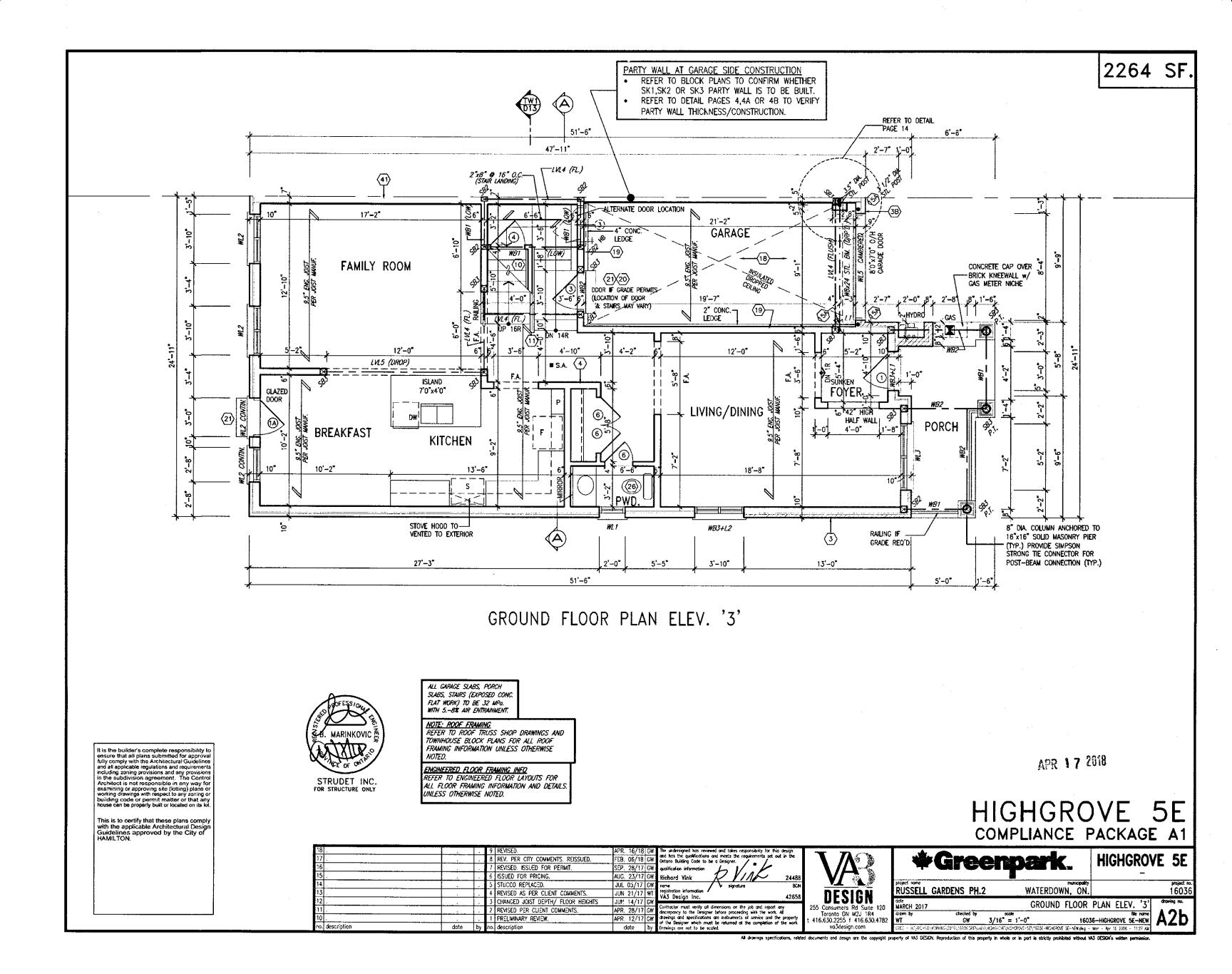


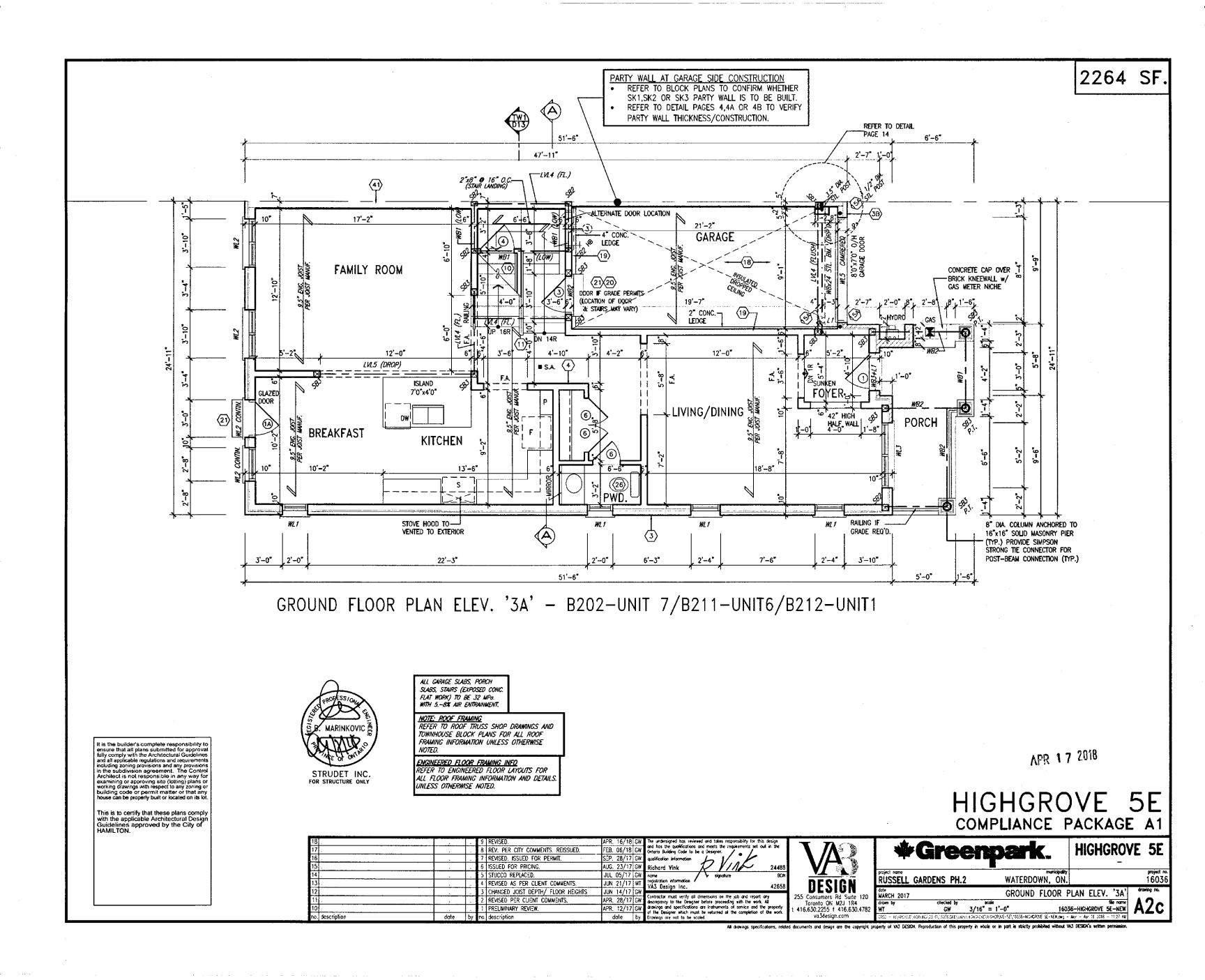


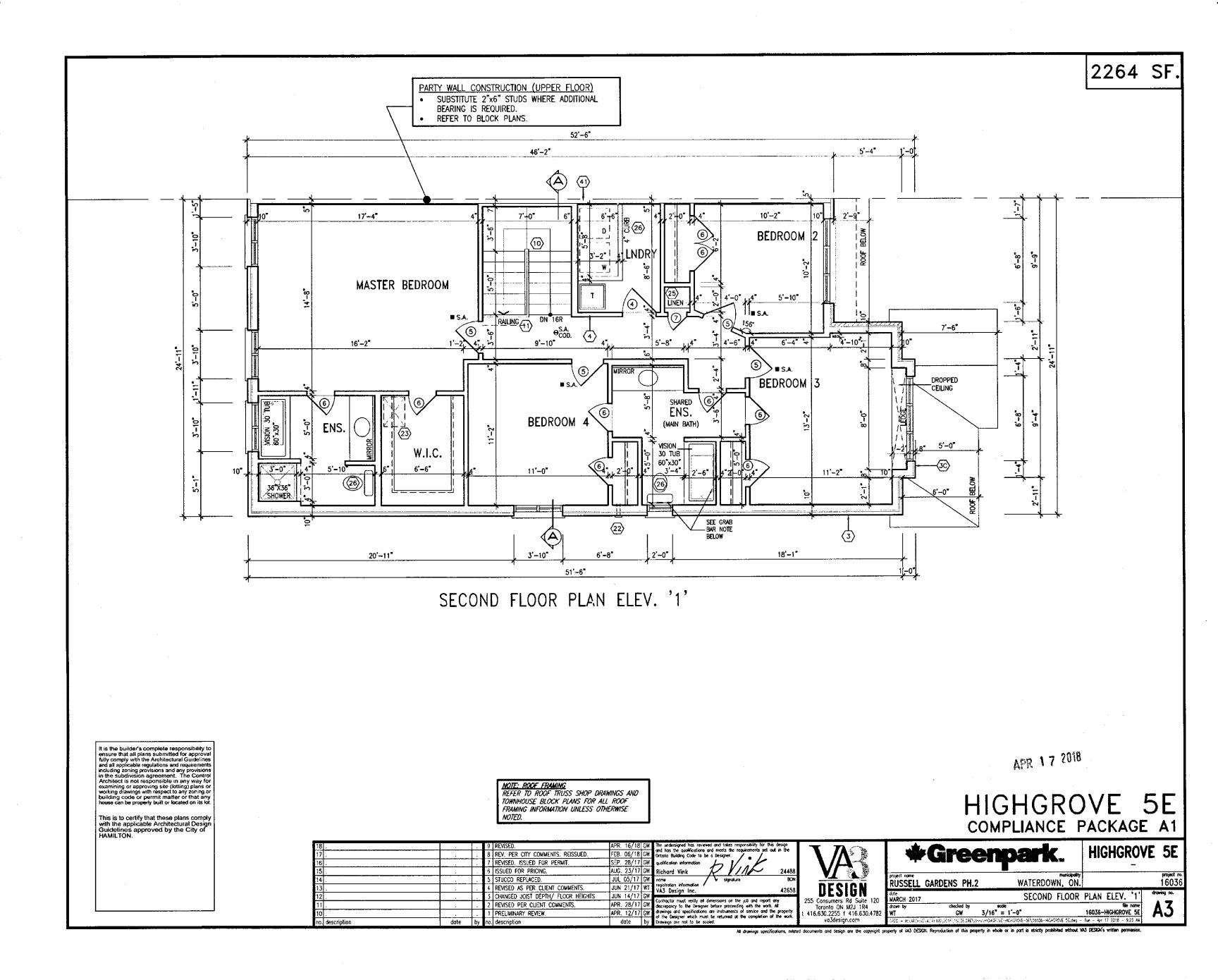


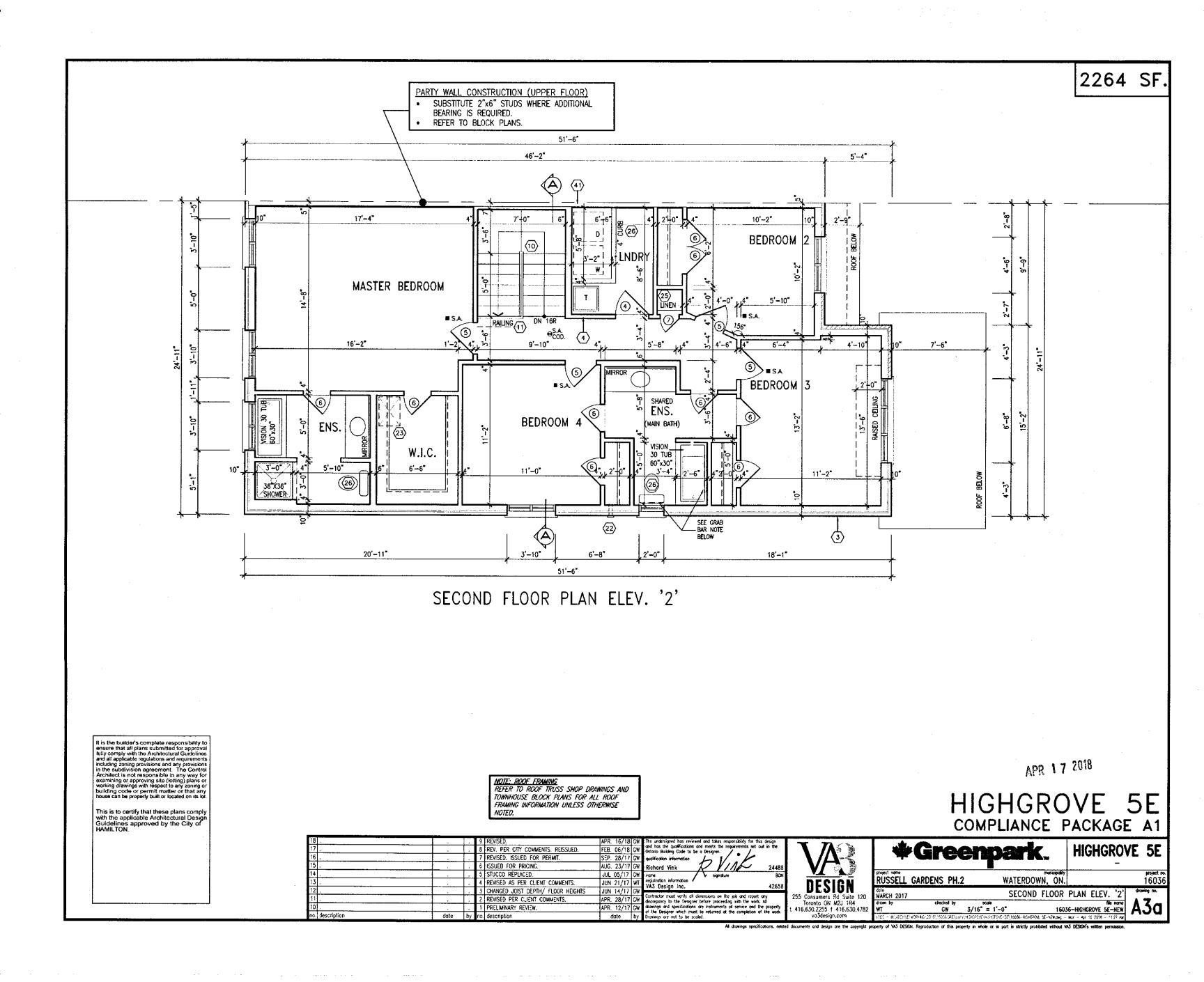


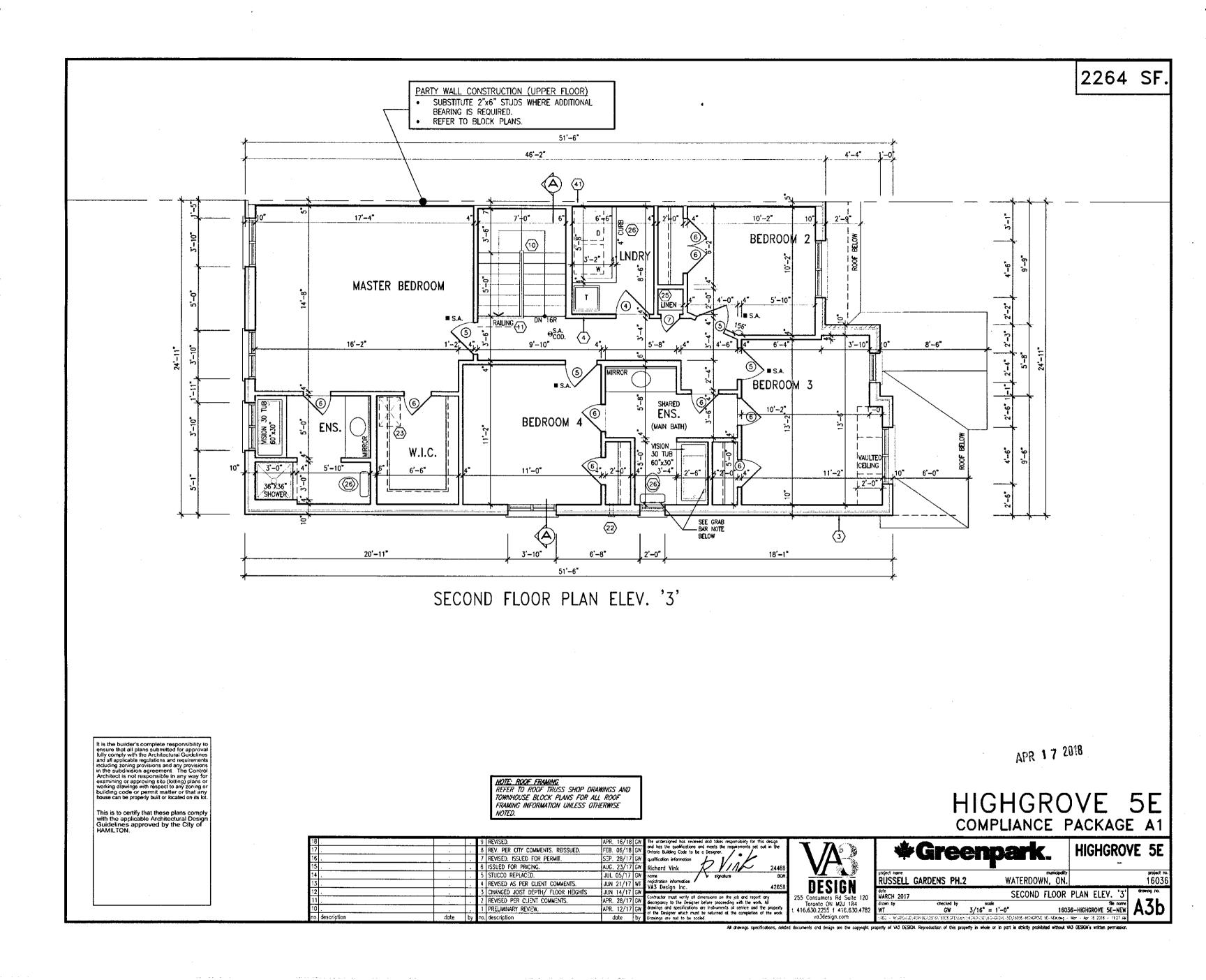


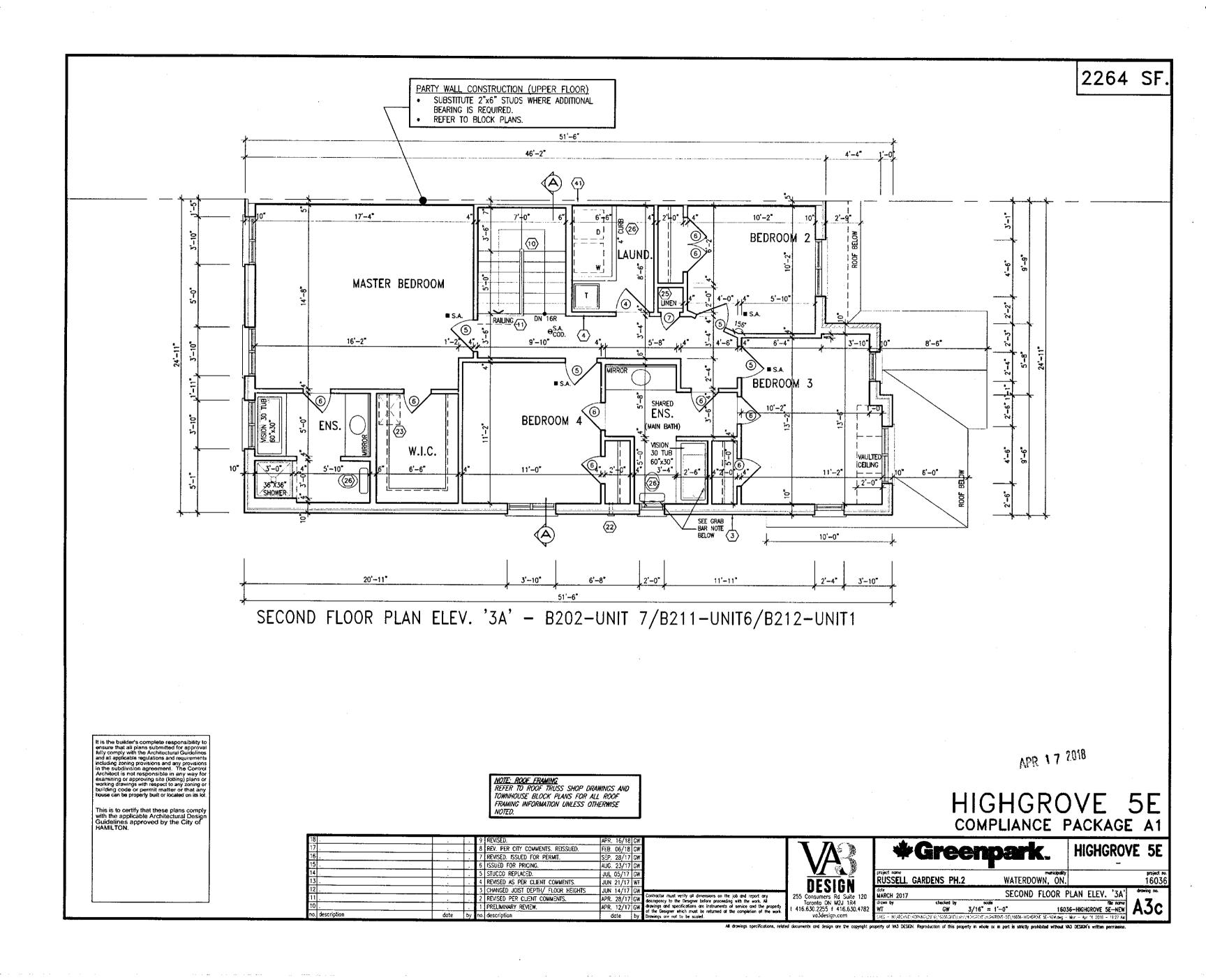


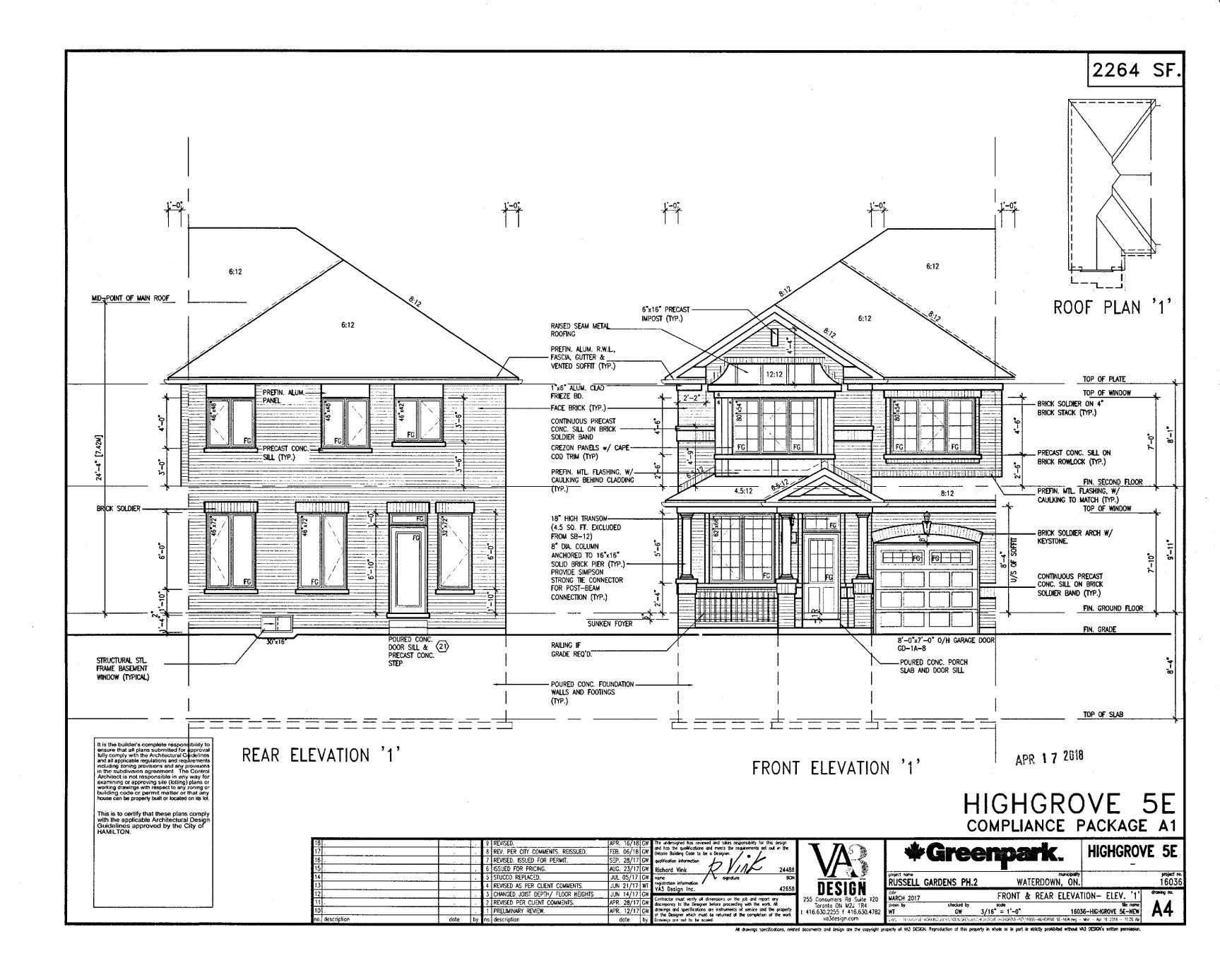


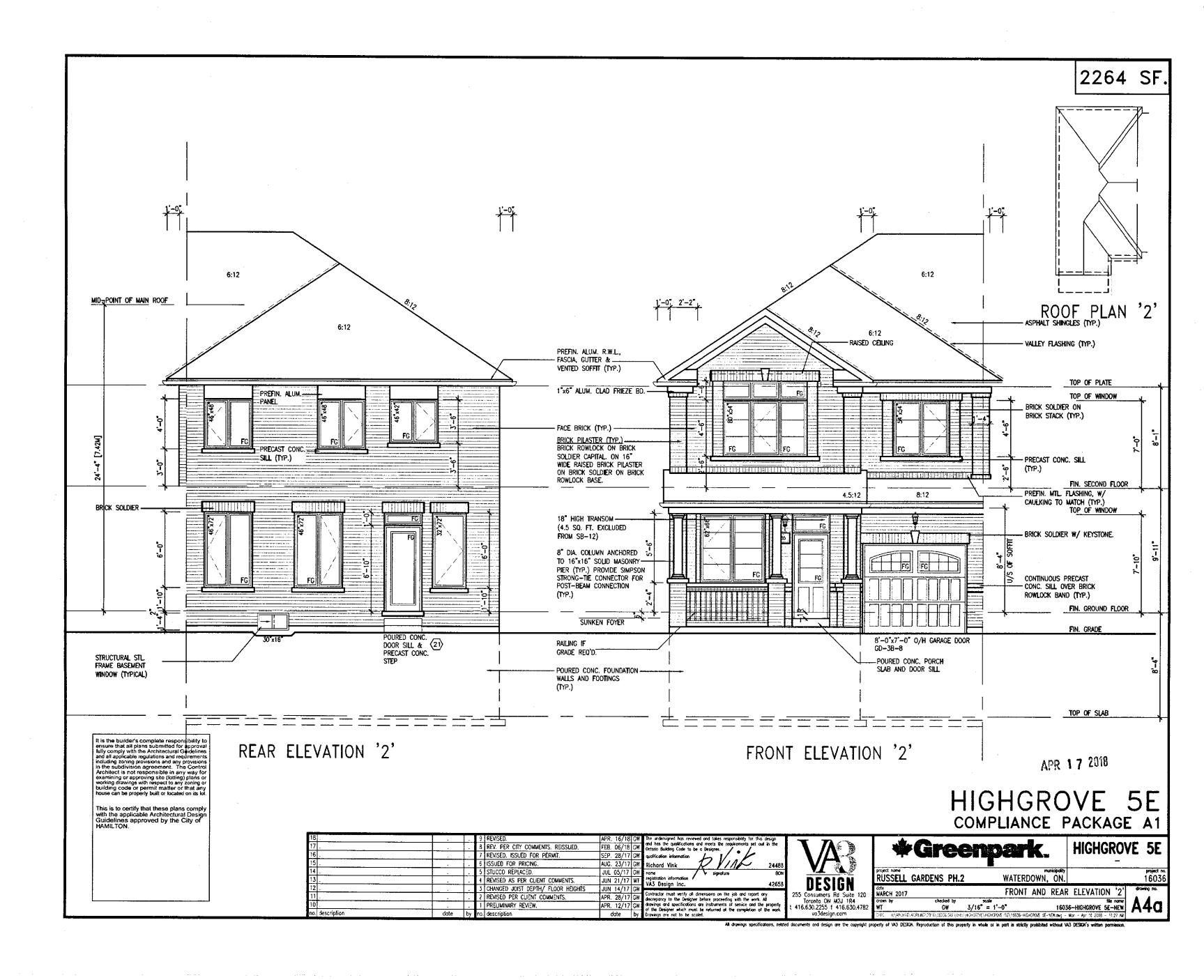


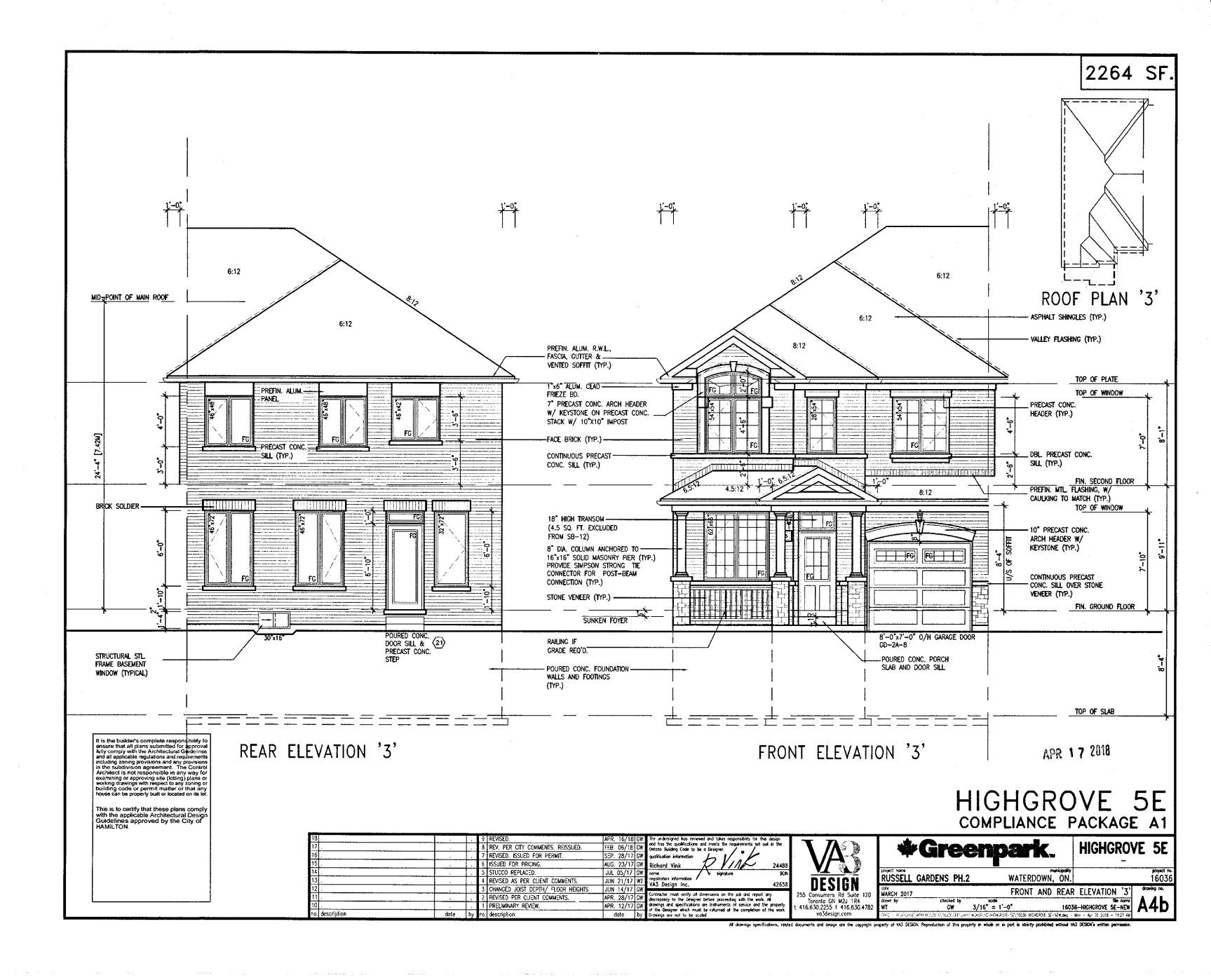


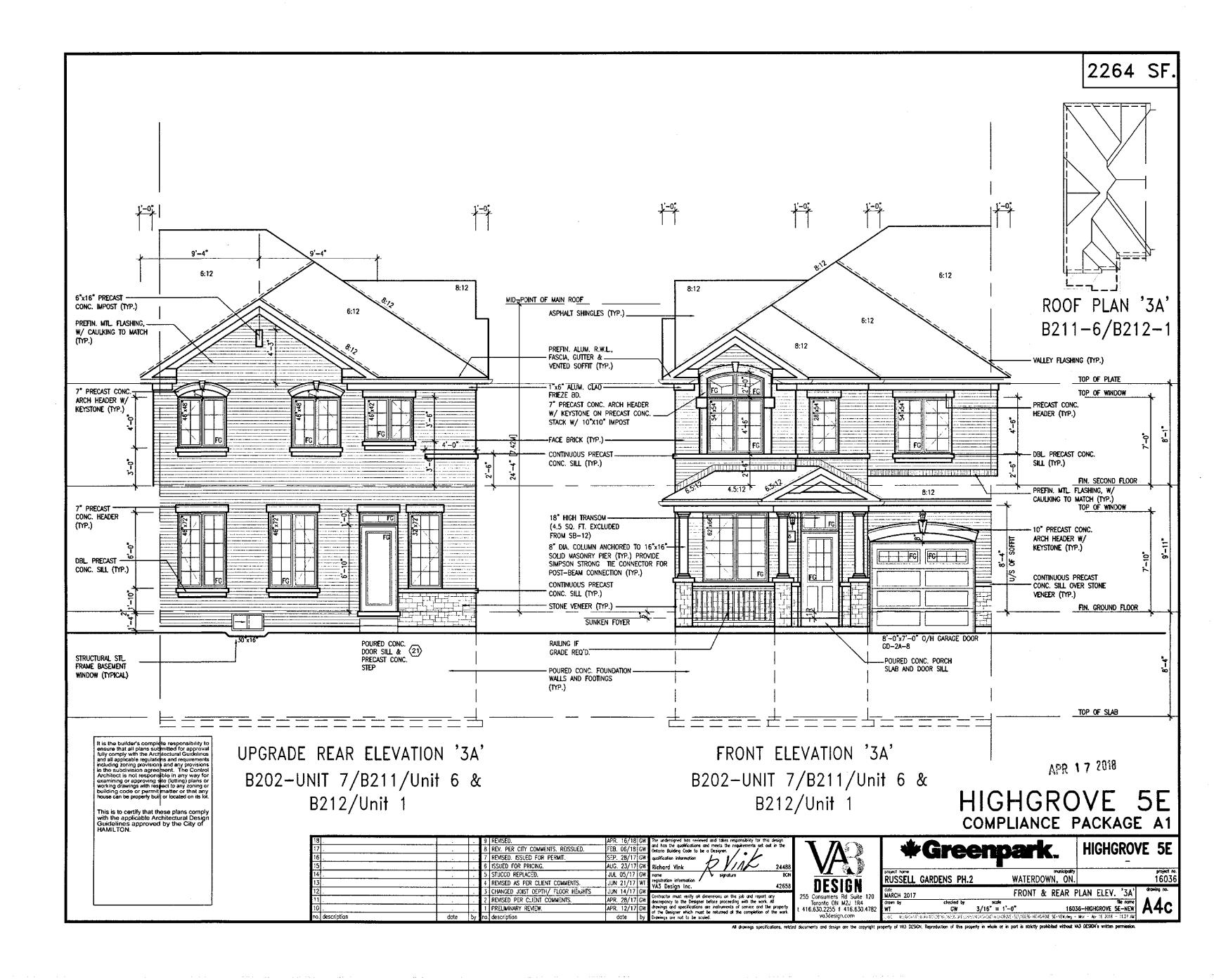


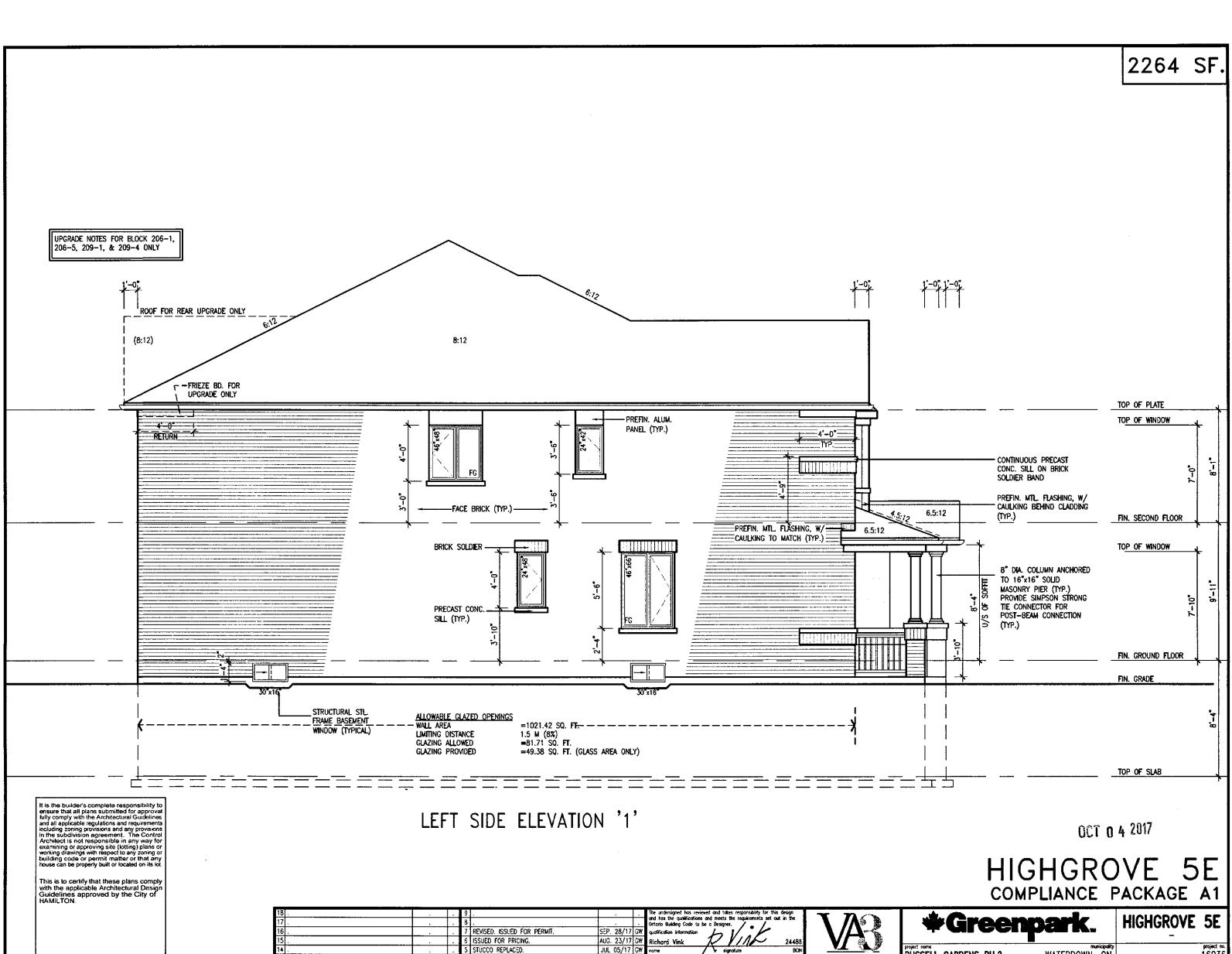


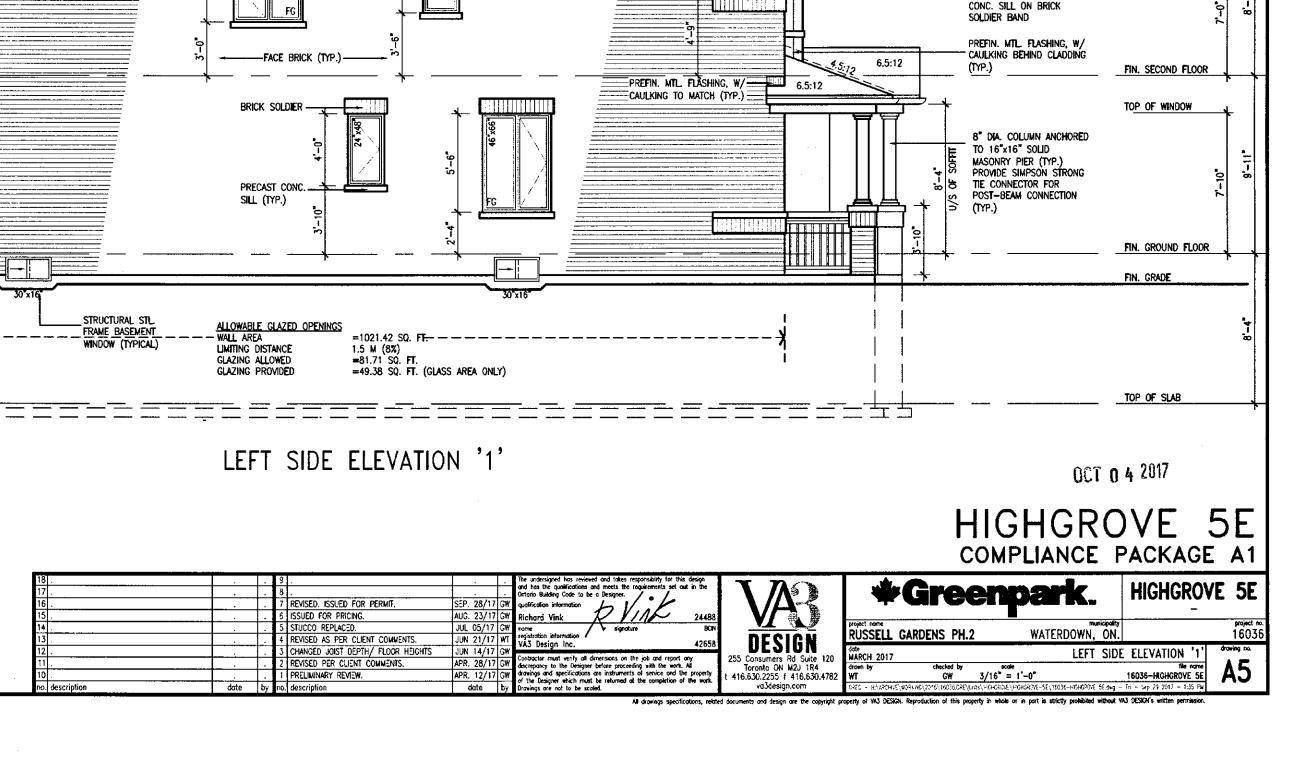


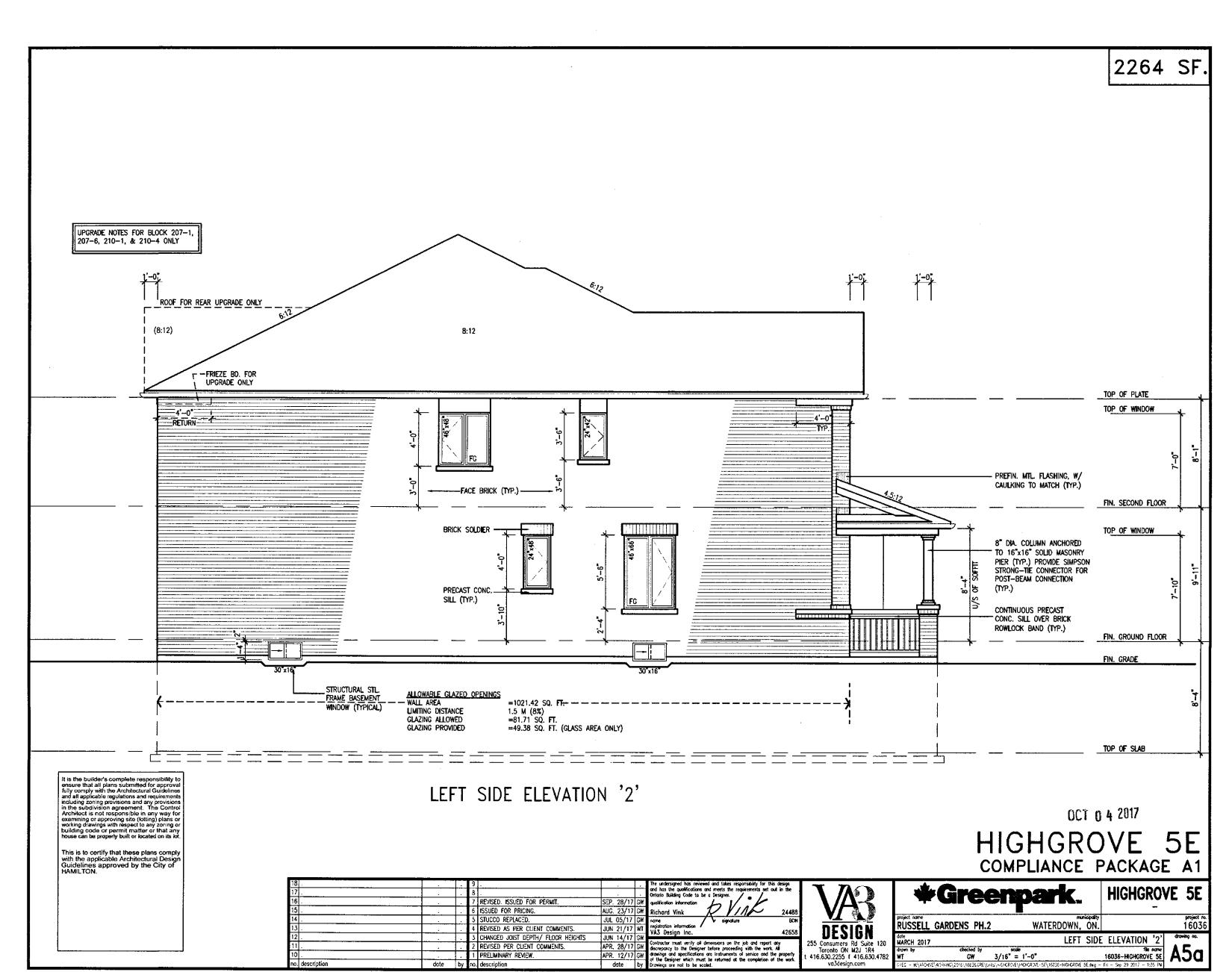




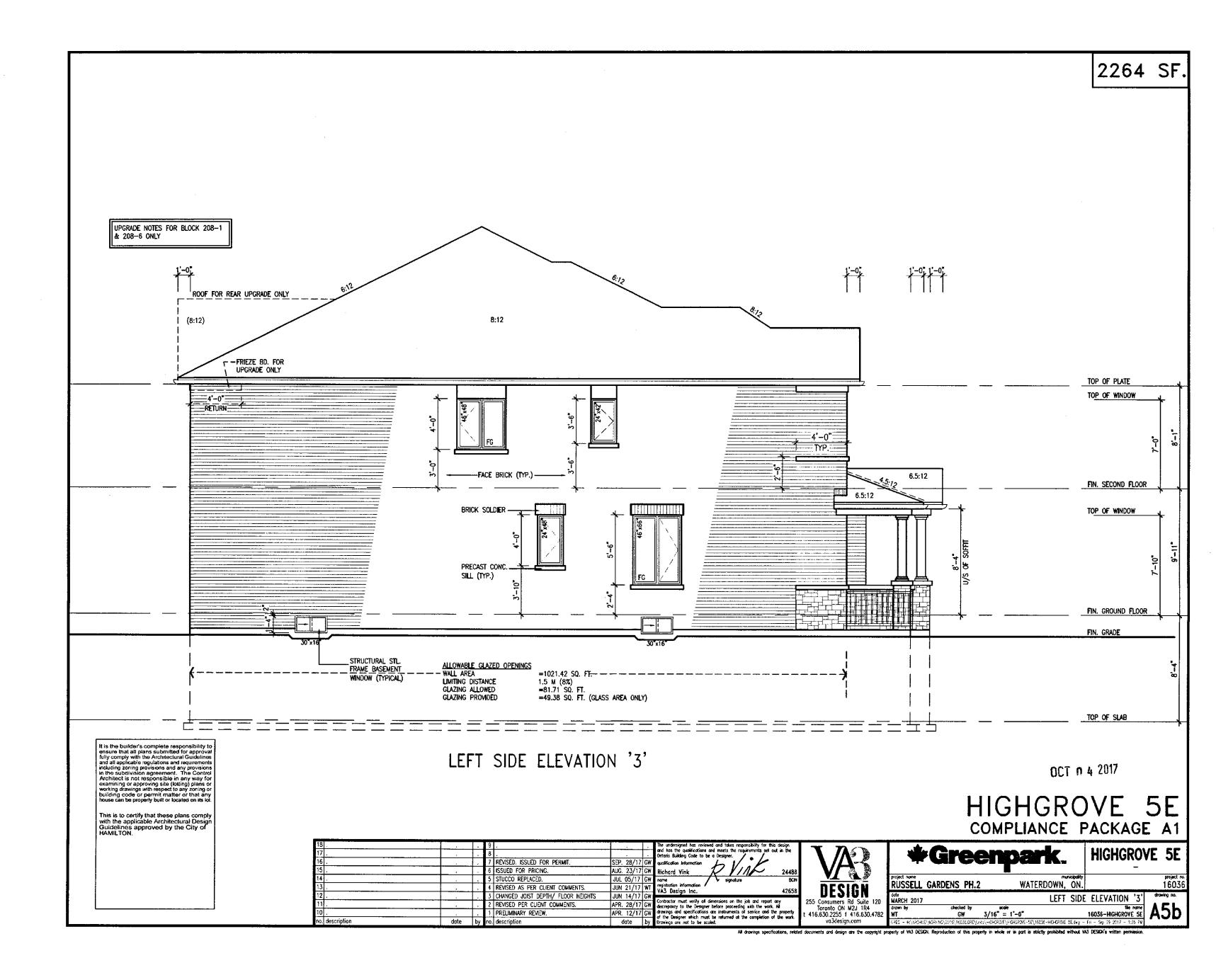


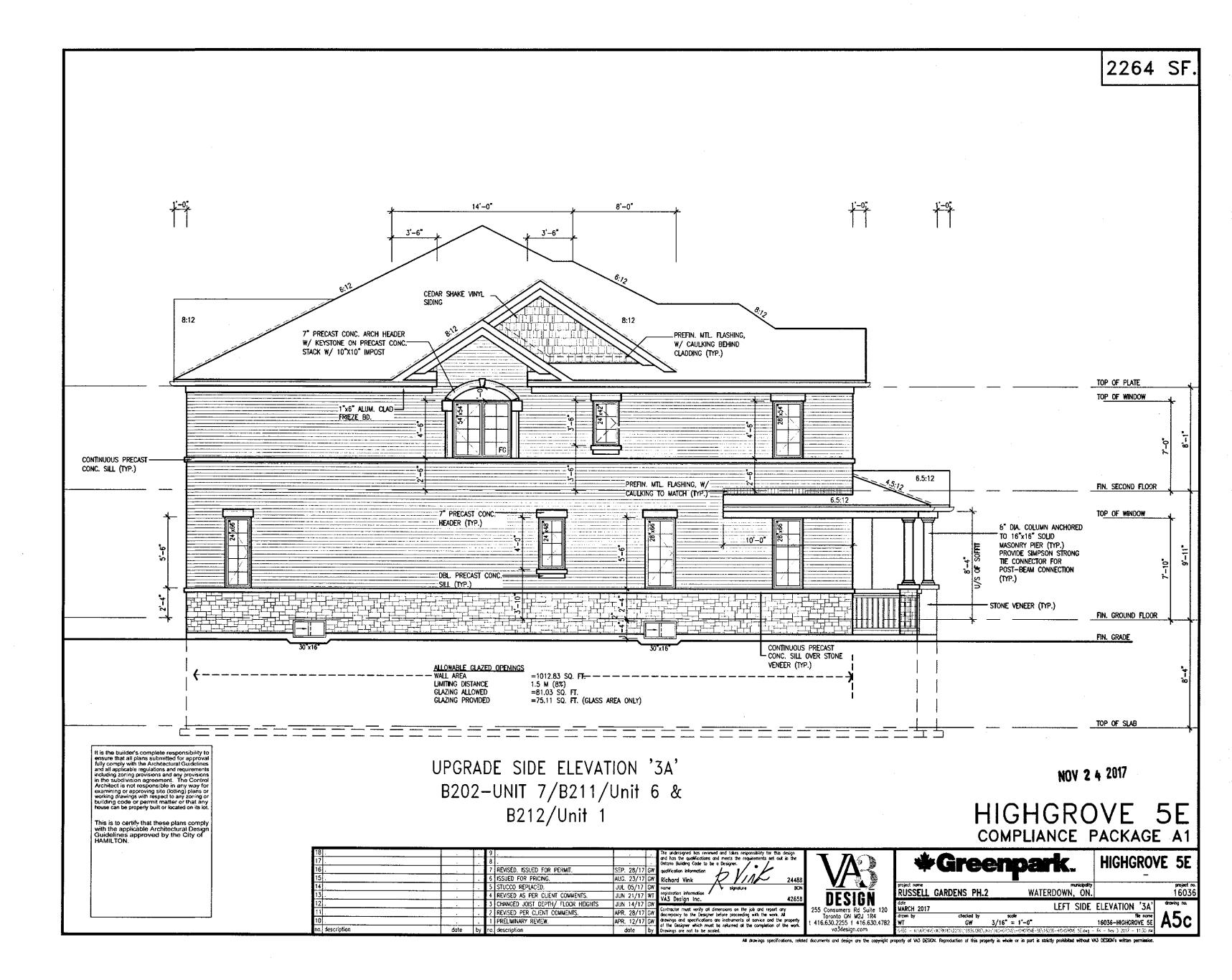


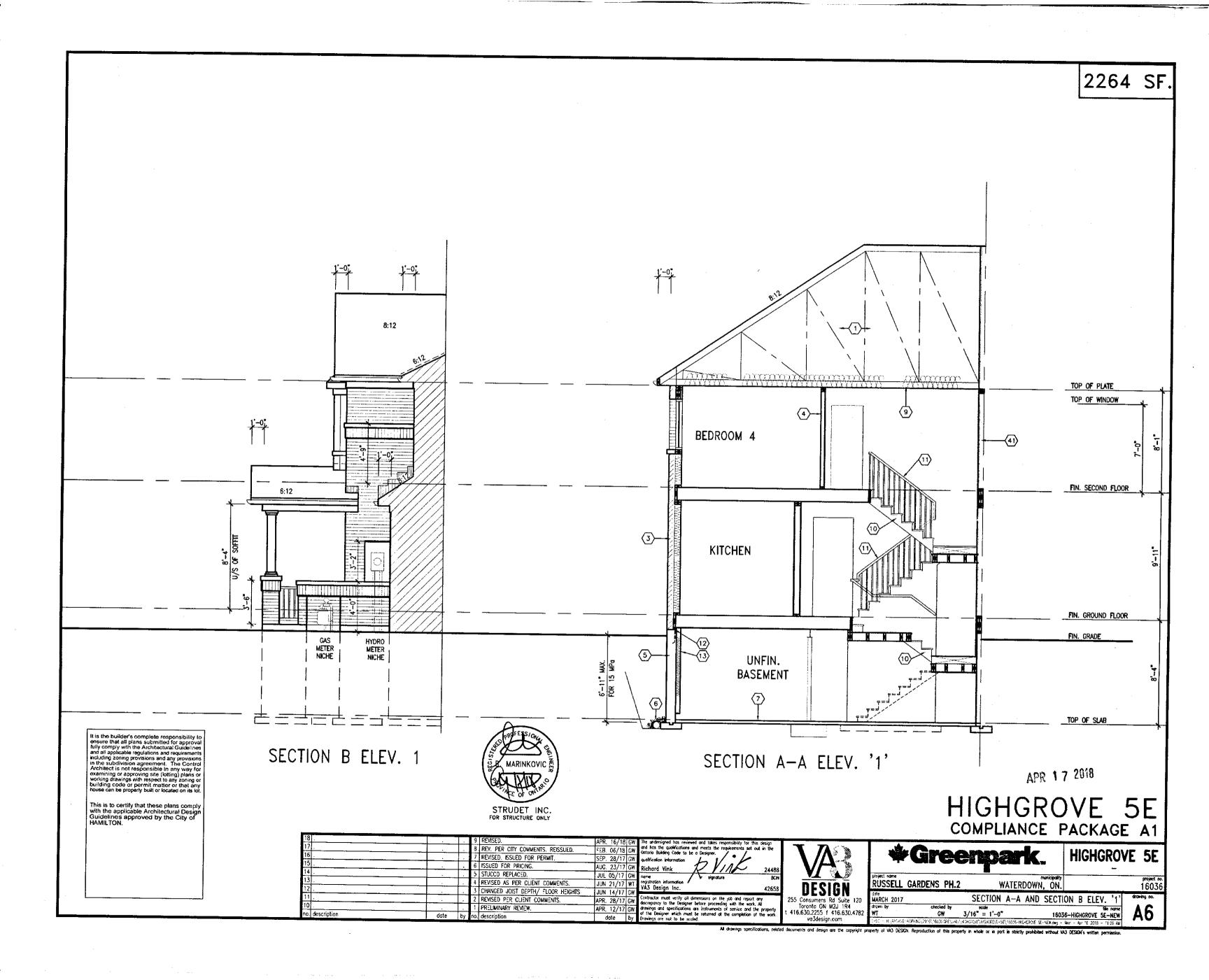


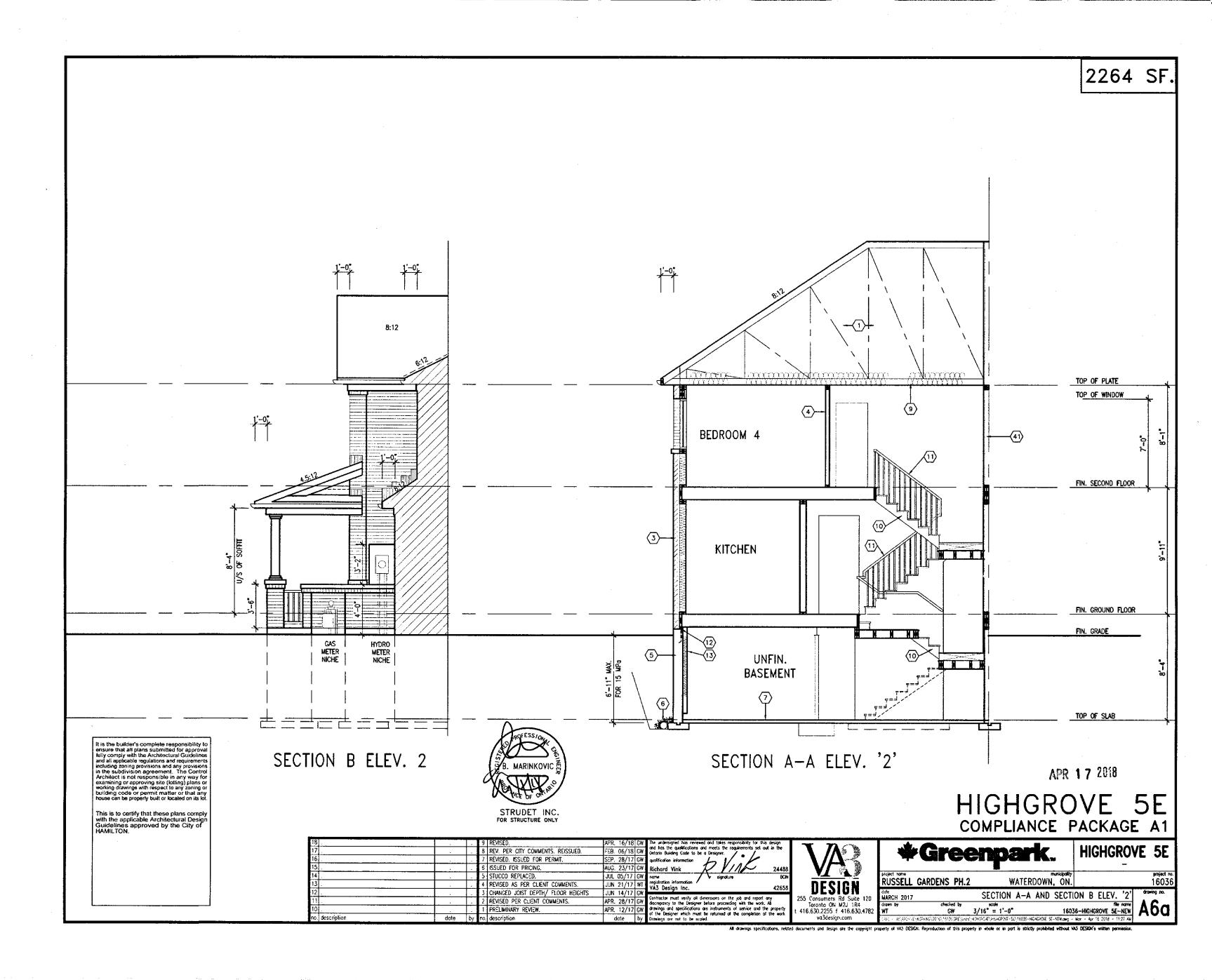


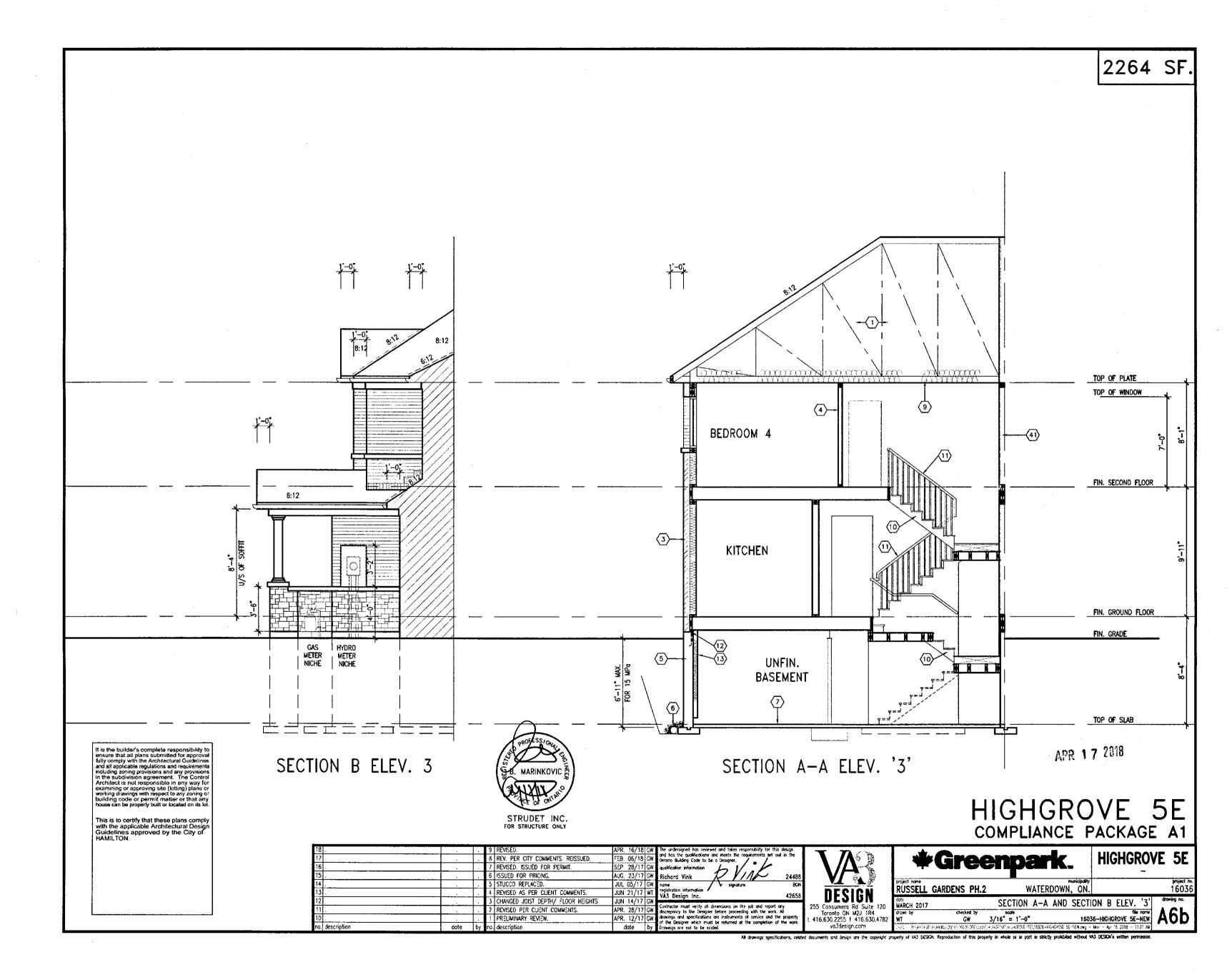
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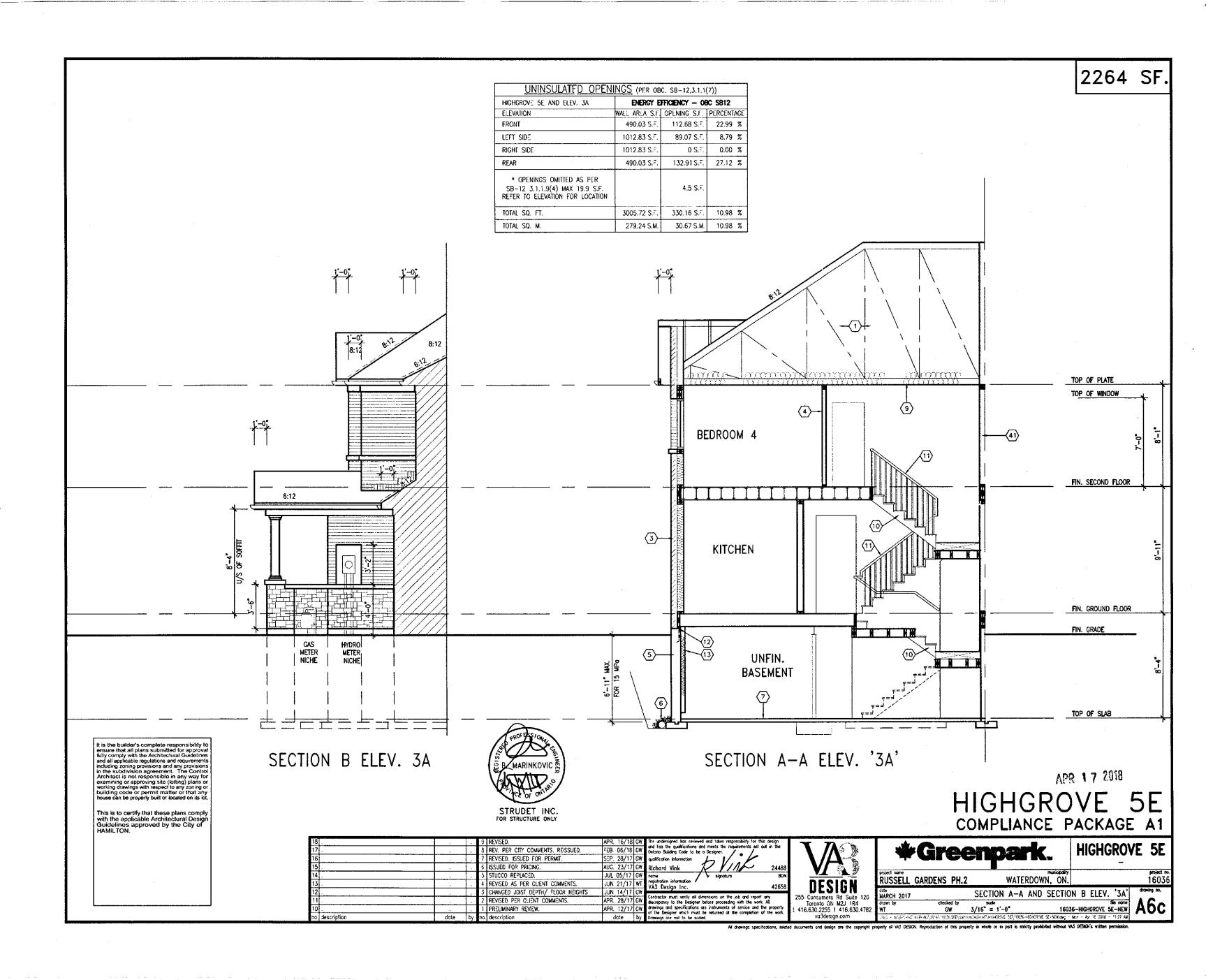


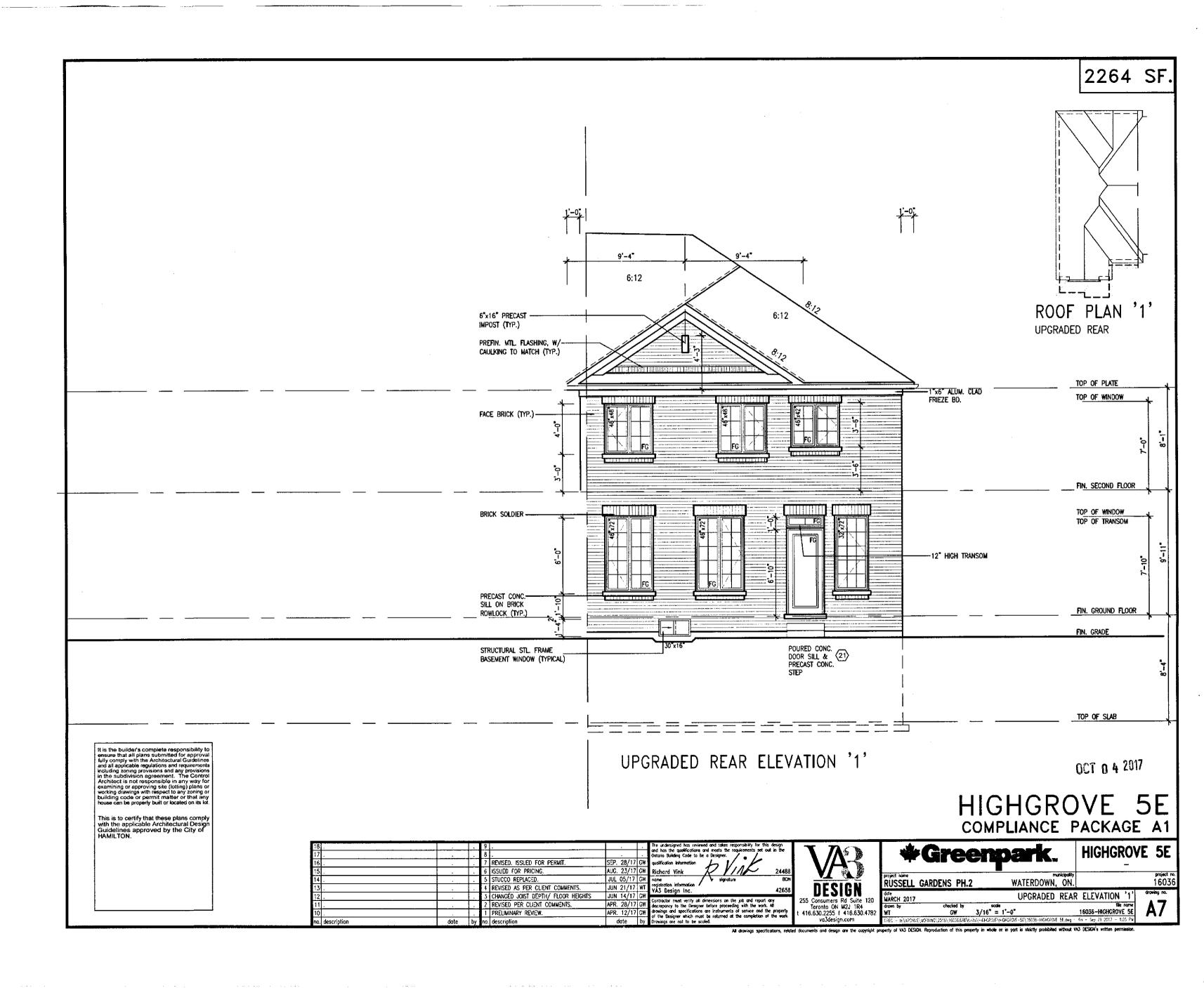


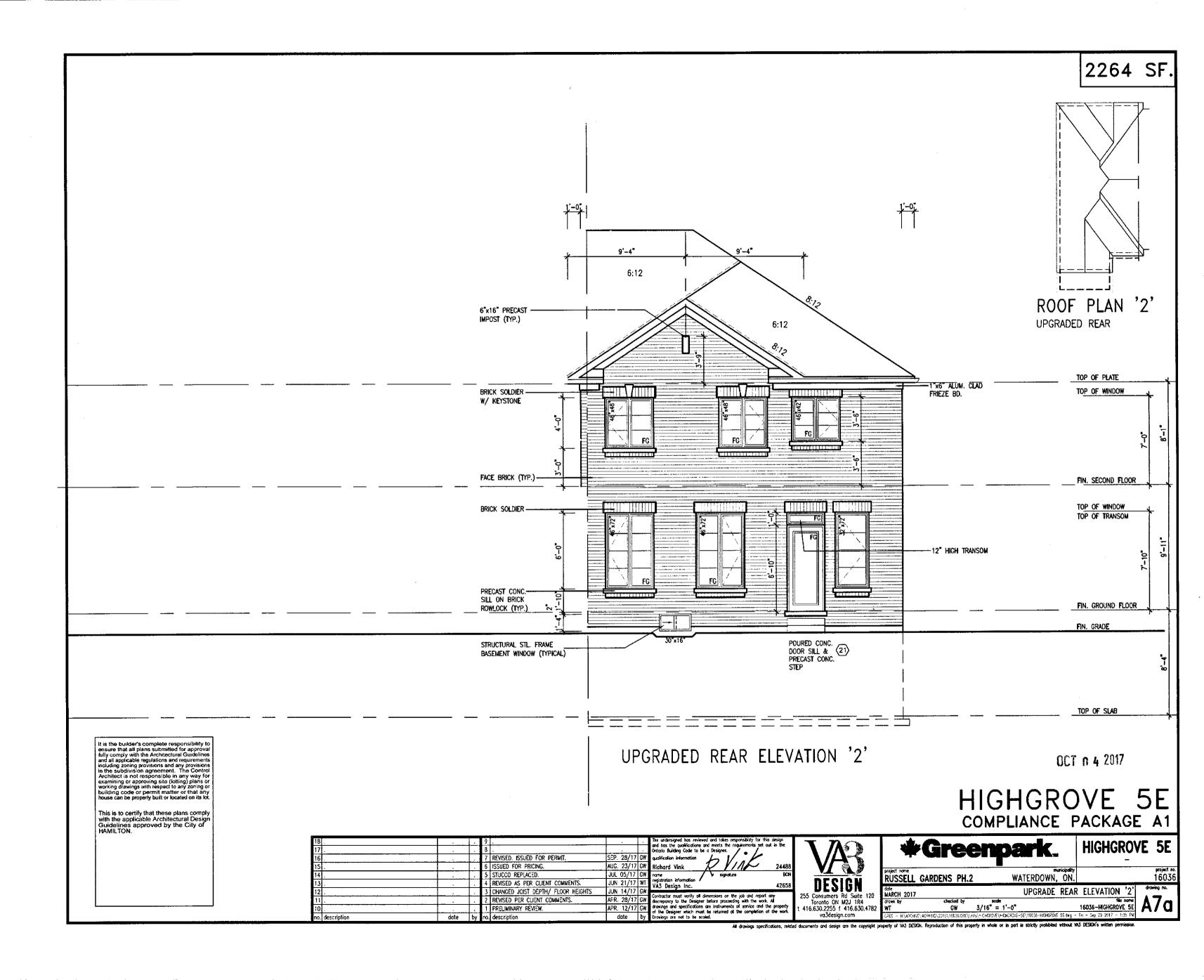


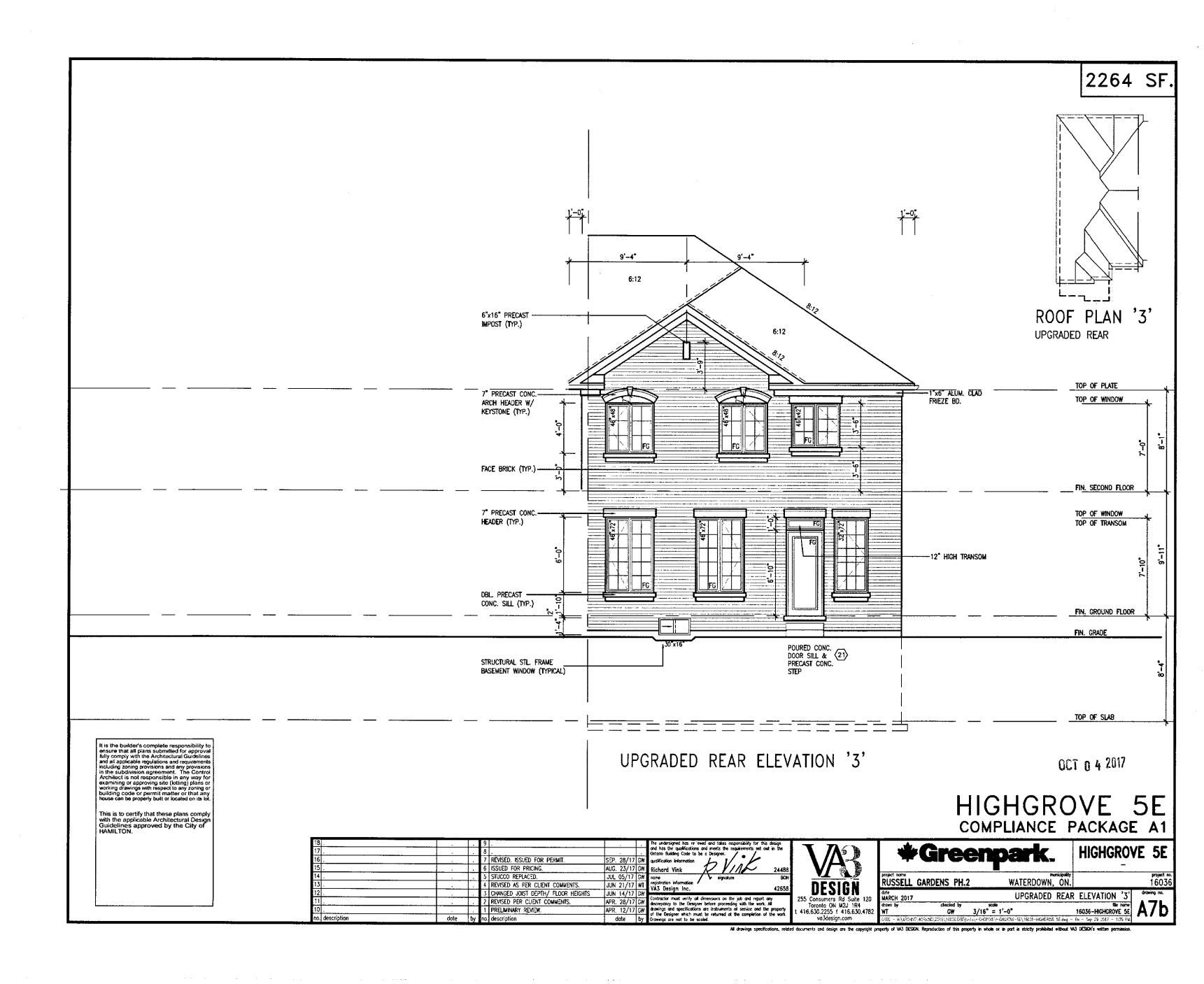


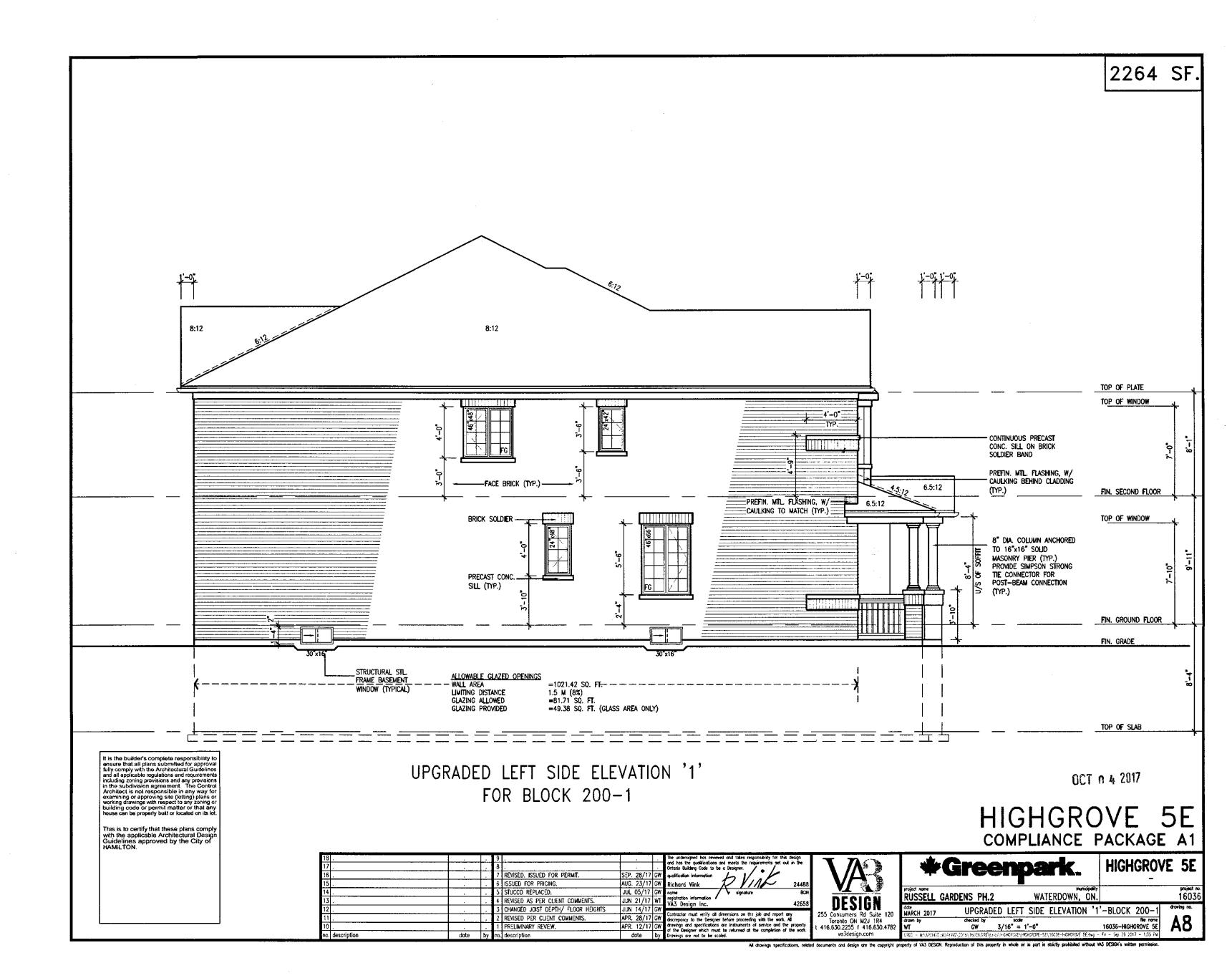


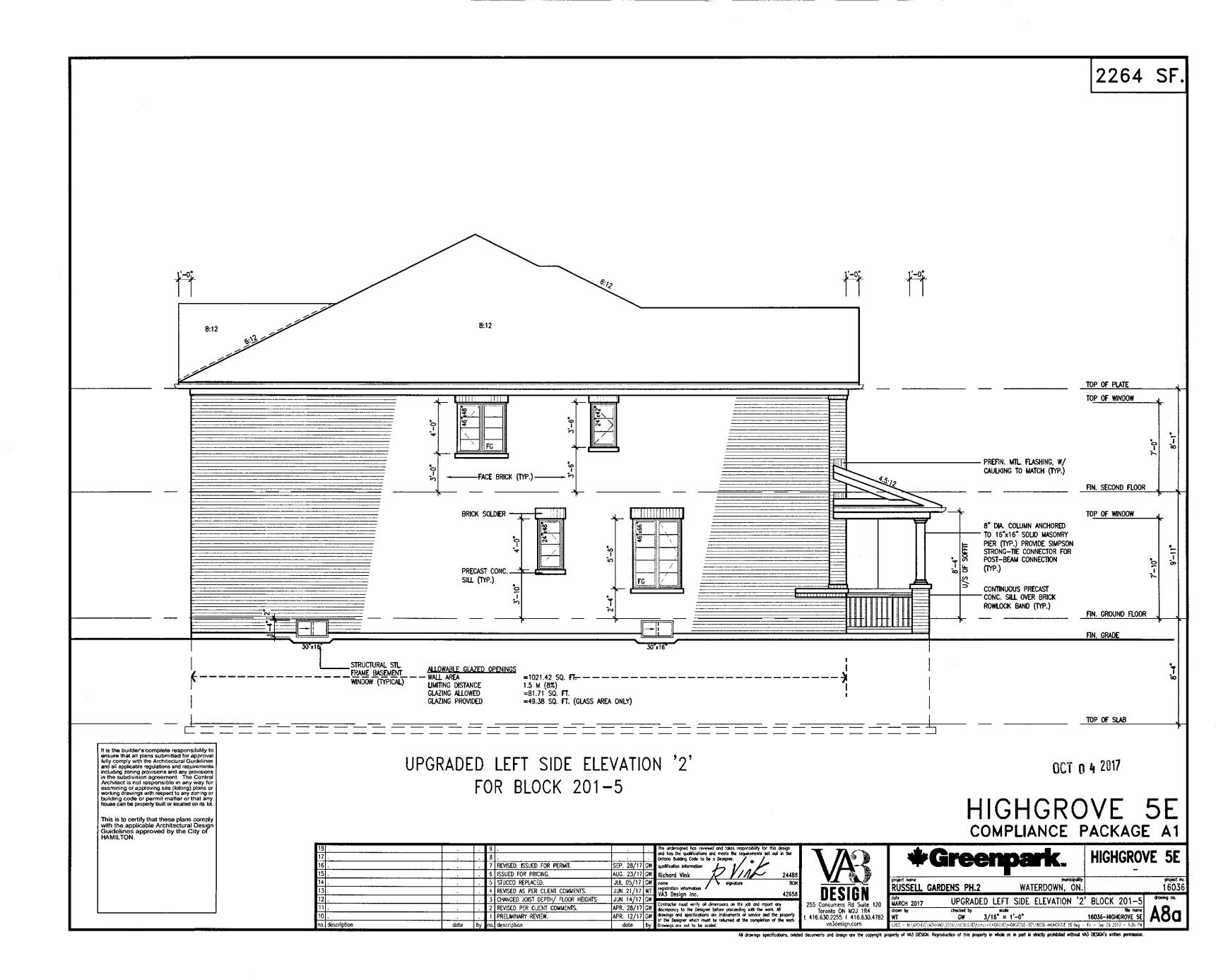


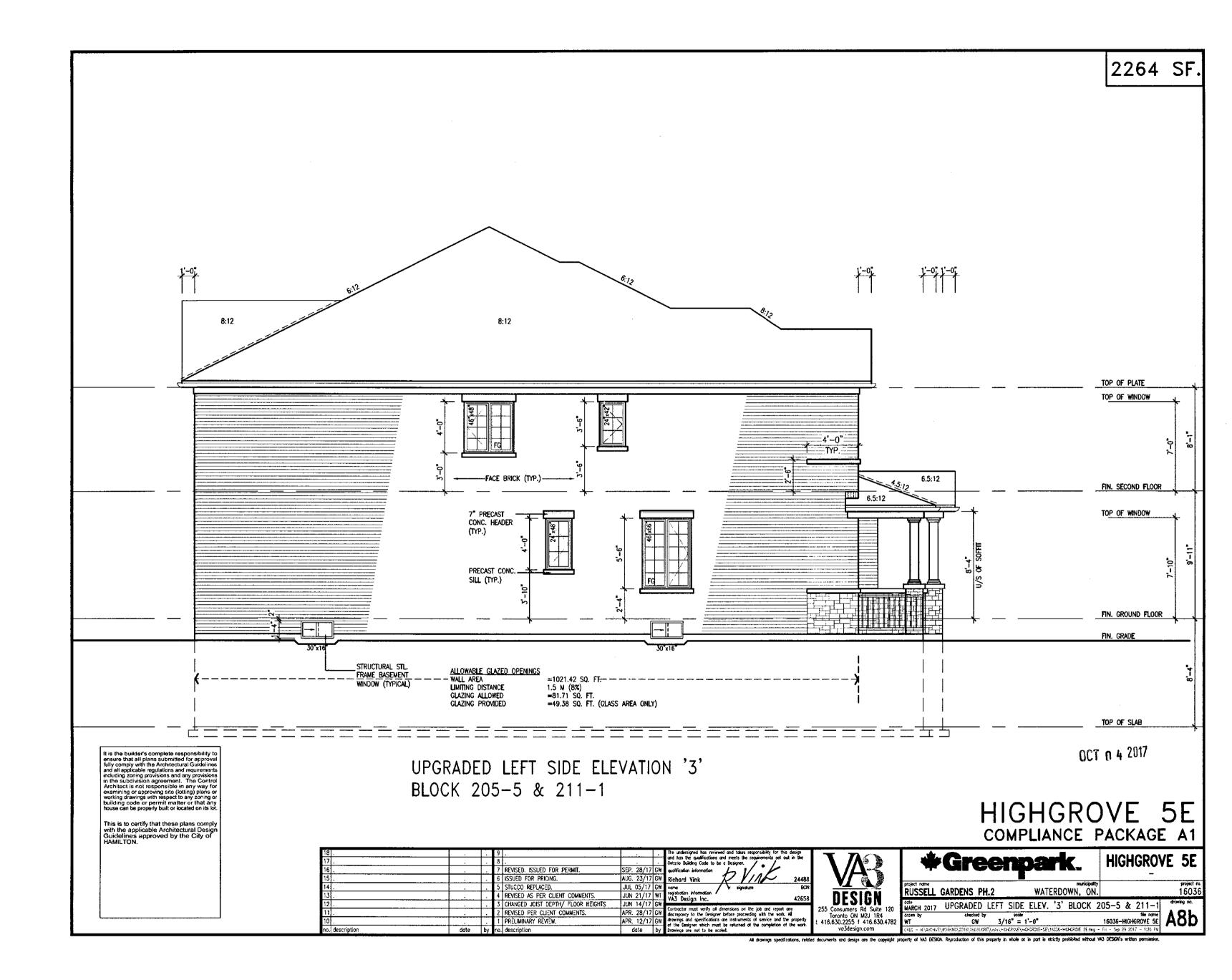


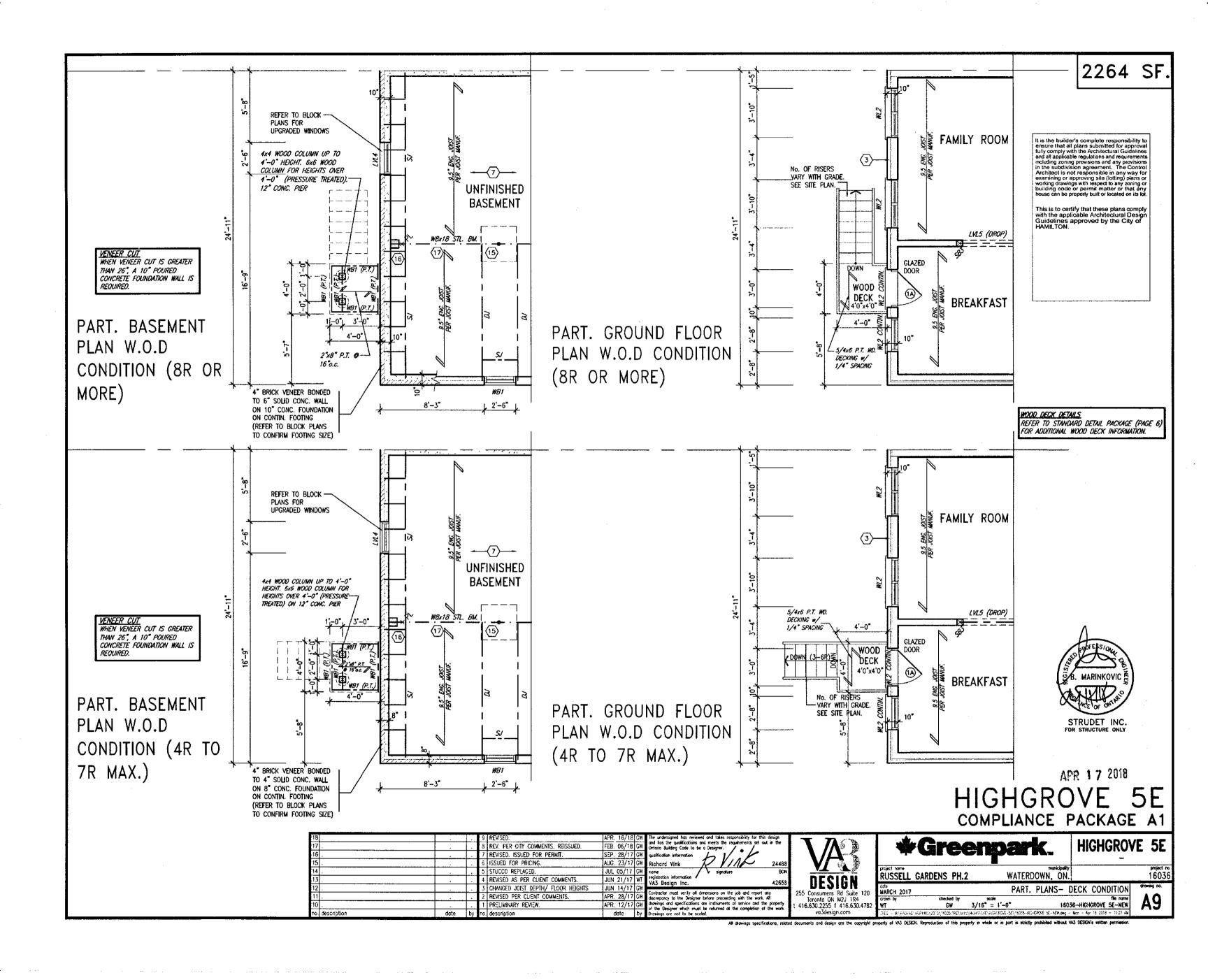


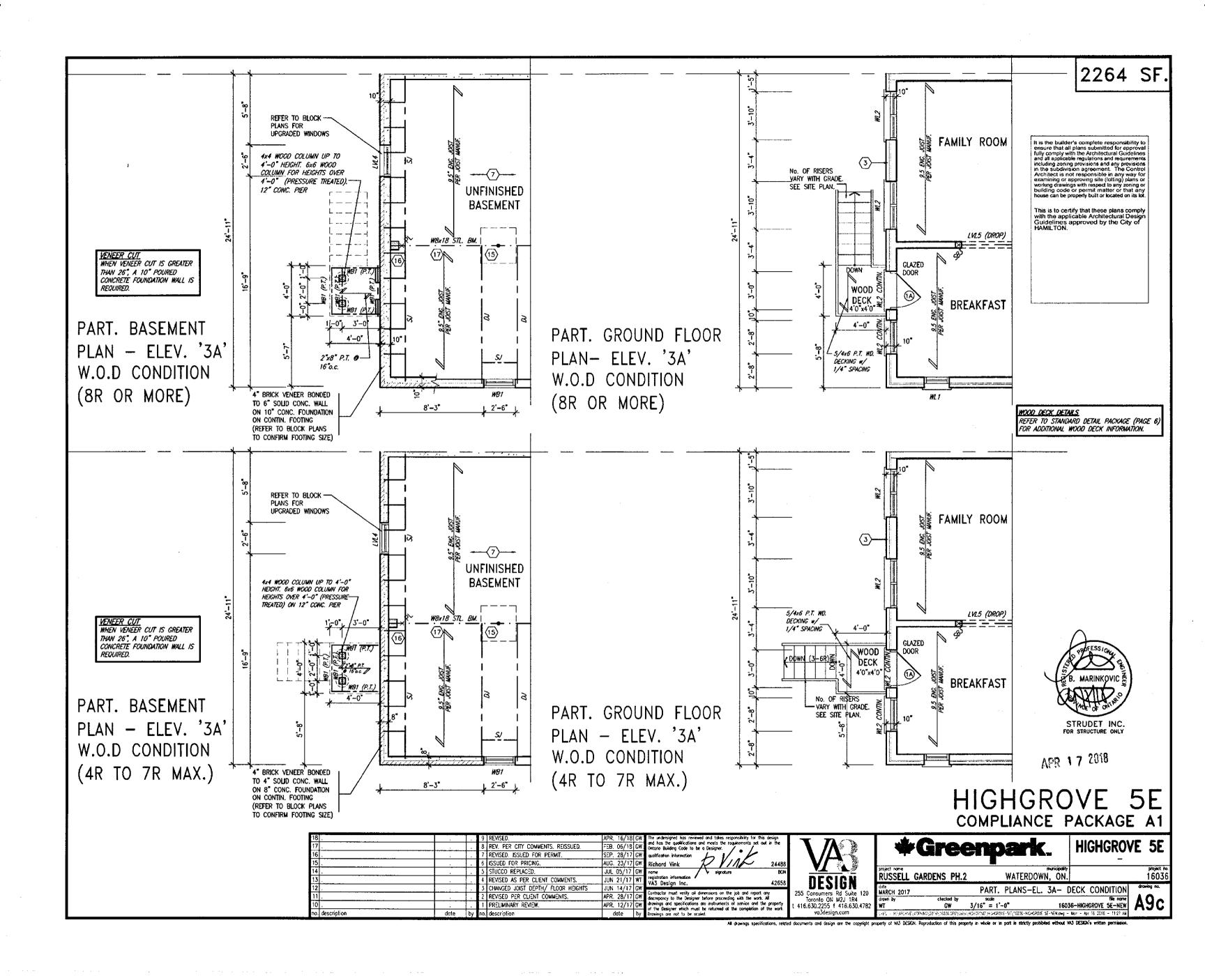


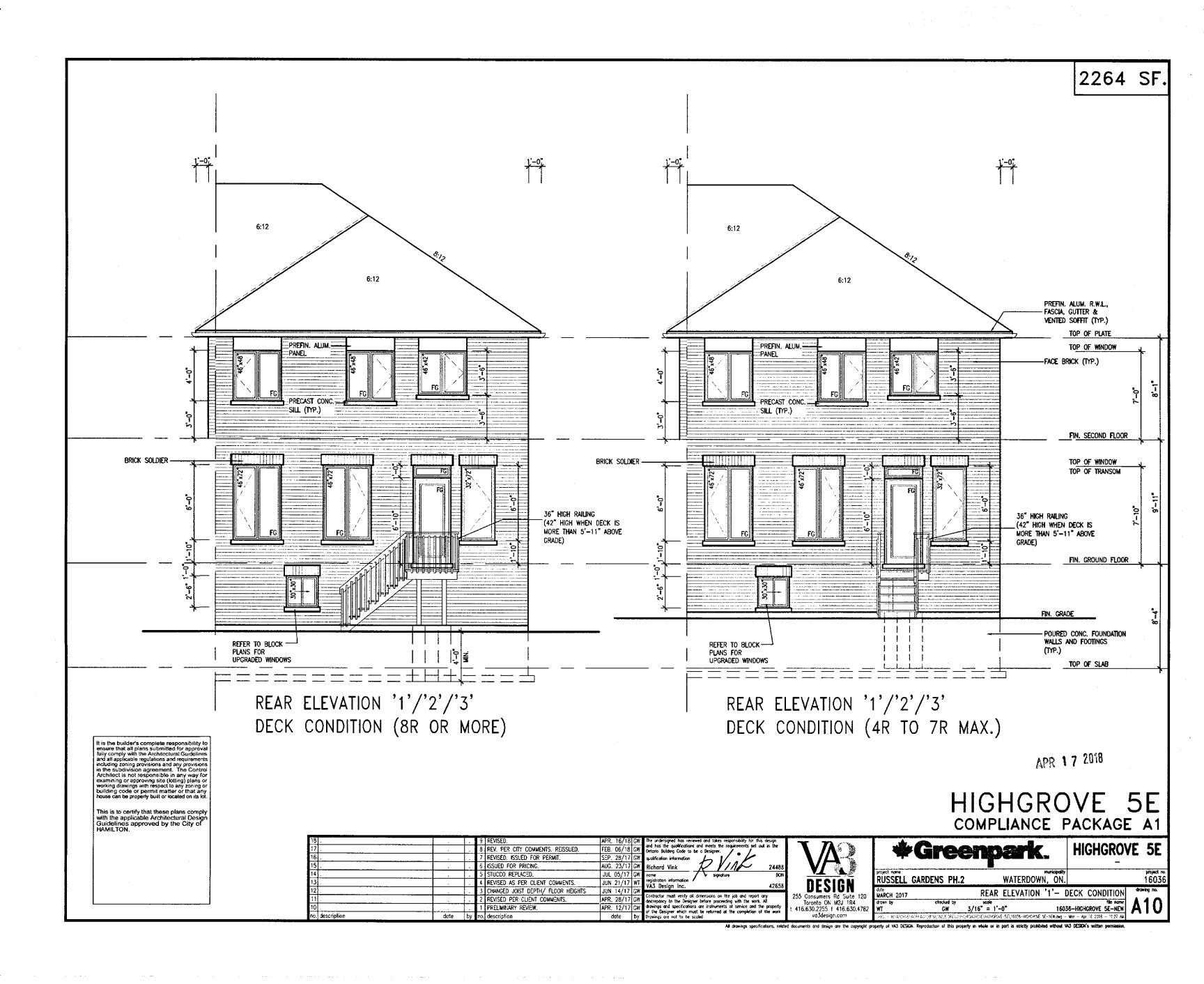


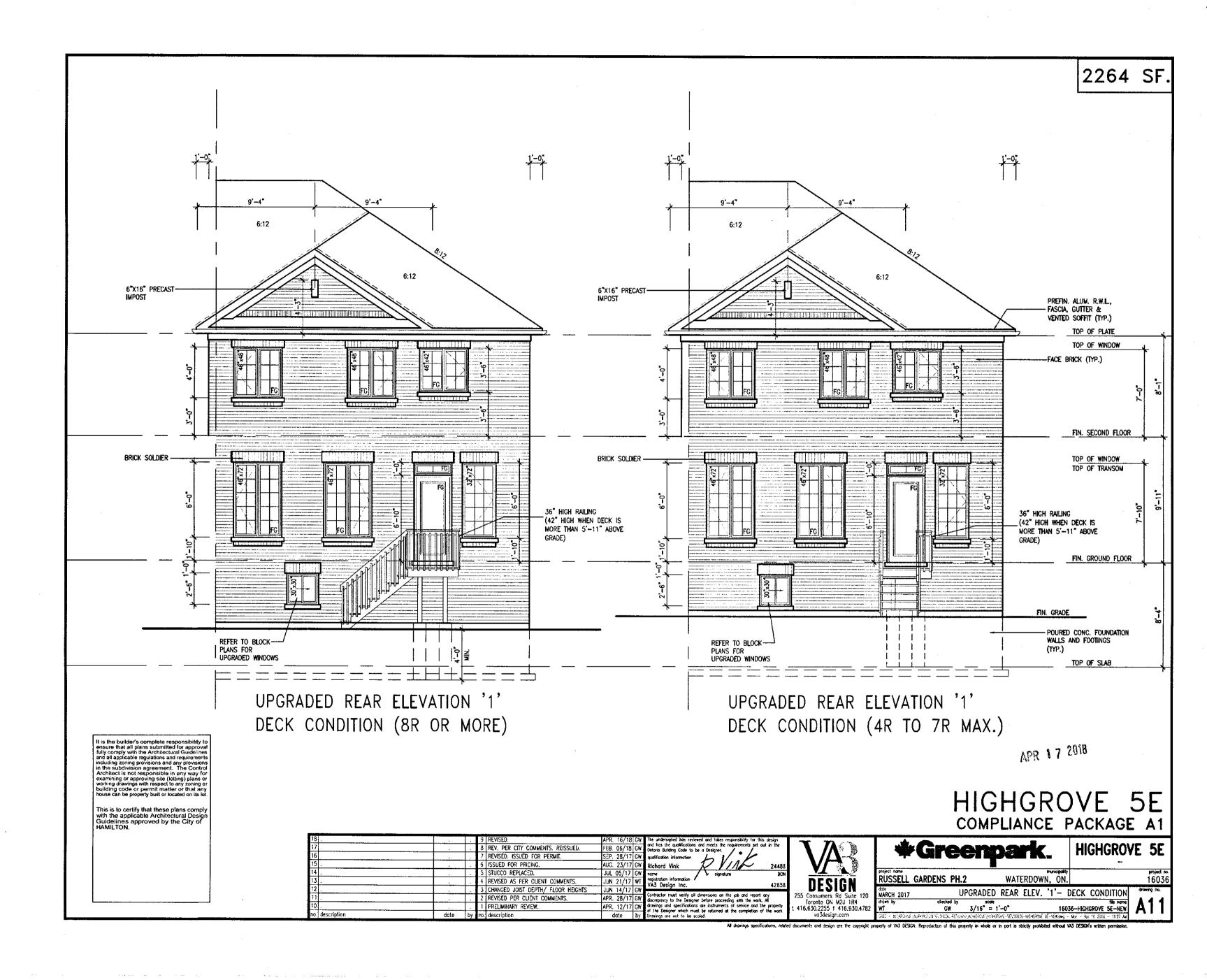


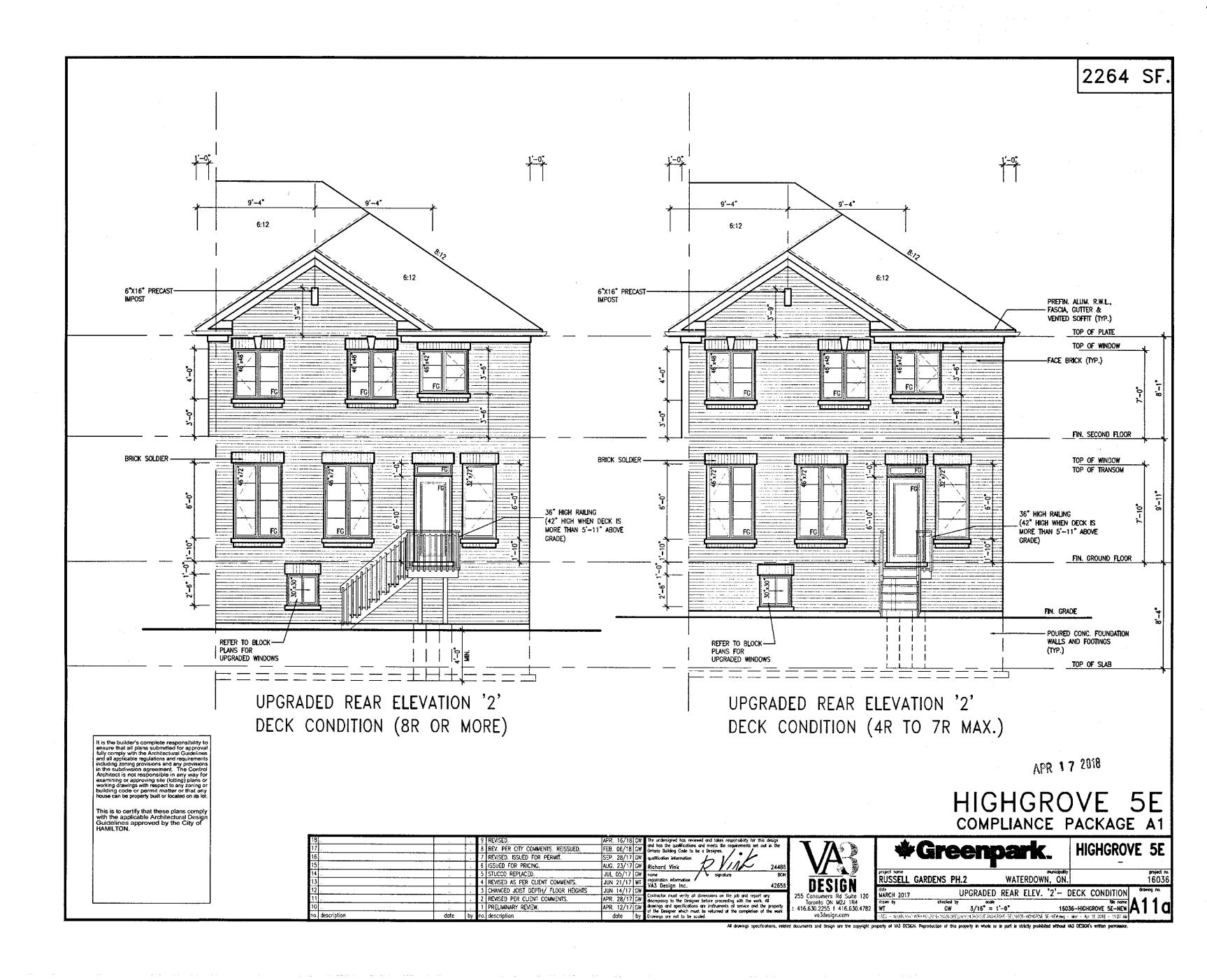


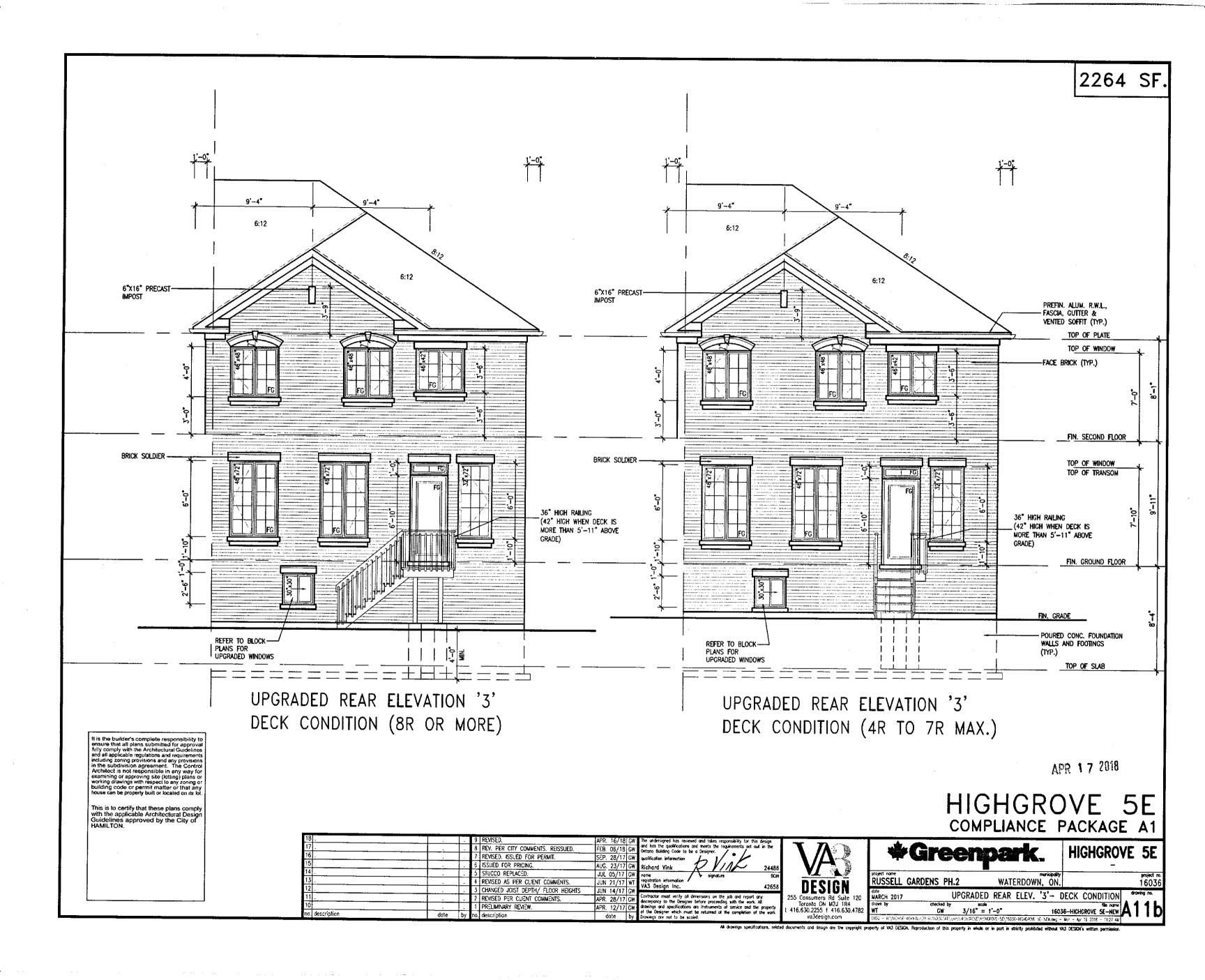


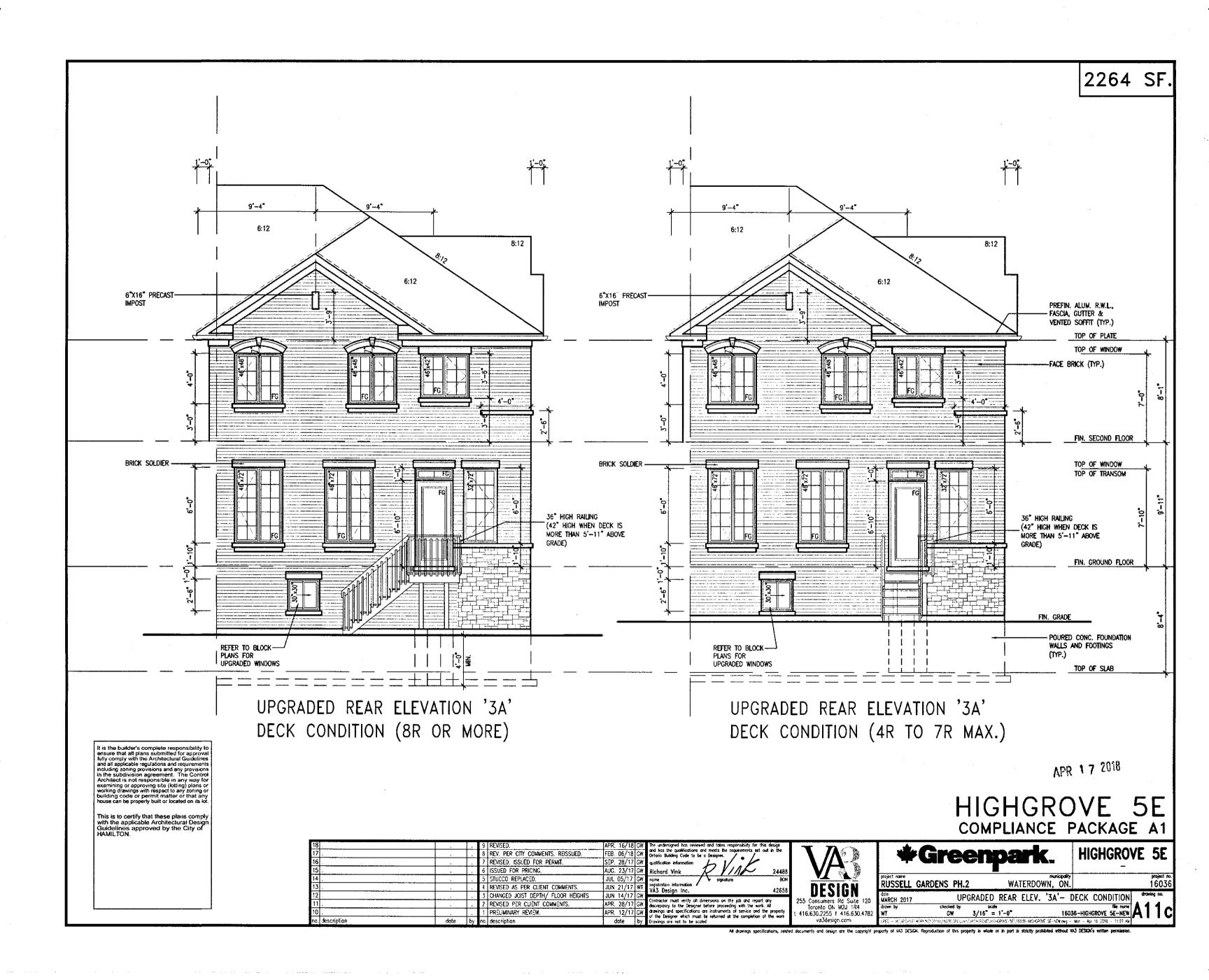


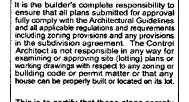












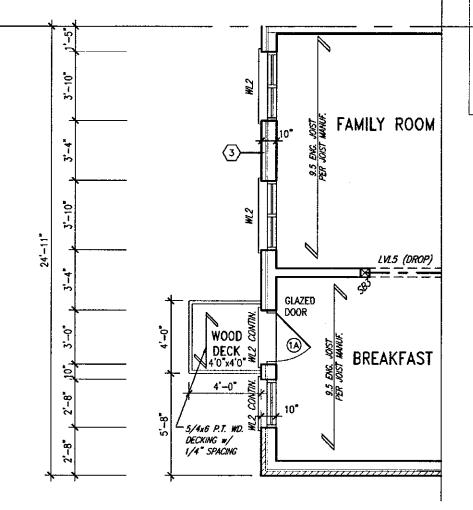
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of HAMILTON.

4" BRICK VENEER w/ 2"x6" © 16" o.c. STUD WALL ON 10" CONG. FOUNDATION ON CONTIN. FOOTING (REFER TO BLOCK PLANS TO CONFIRM FOOTING SIZE) ---(7)--UNFINISHED BASEMENT 6x6 WOOD COLUMN (PRESSURE TREATED) – ON 12" CONC. PIER (15) VENEER CUT WHEN VENEER CUT IS GREATER THAN 26", A 10" POURED CONCRETE FOUNDATION WALL IS 2"x8" P.T. @-4" BRICK VENEER BONDED TO 6" SOLID CONC. WALL ON 10" CONC. FOUNDATION ON CONTIN. FOOTING 2'-6" 8'-3"

(REFER TO BLOCK PLANS | TO CONFIRM FOOTING SIZE)

PART. BASEMENT PLAN - ELEV. '1/2/3' W.O.B CONDITION

LOOK-OUT WOOD DECK DETAILS REFER TO STANDARD DETAIL PACKAGE (PAGE 6-2) FOR ADDITIONAL WOOD DECK INFORMATION.



PART. GROUND FLOOR PLAN- ELEV. '1/2/3' W.O.B CONDITION

STRUDET INC.

OCT n 4 2017

HIGHGROVE 5E COMPLIANCE PACKAGE A1

			9			Τ.	The undersigned has reviewed an
]		8].	and has the qualificatic 3 and m Ontario Building Code to be a Di
	<u> </u>		7	REVISED. ISSUED FOR PERMIT.			qualification information L
			ô	ISSUED FOR PRICING.	AUG. 23/17	CW	Richard Vink 🗶
	<u> </u>		5	STUCCO REPLACED.	JUL 05/17	Tow	nome .
	1		4	REVISED AS PER CLIENT COMMENTS.	JUN 21/17	WT	registration information VA3 Design Inc.
	1		3	CHANGED JOIST DEPTH/ FLOOR HEIGHTS	JUN 14/17		PAD Daalgh life:
			2	REVISED PER CLIENT COMMENTS.	APR. 28/17		
	,		1	PRELIMINARY REVIEW.	APR. 12/17	GW	drawings and specifications are it of the Designer which must be it
description	date	by	no.	description	date	by	Or the besigner which must be a Drawings are not to be scaled.



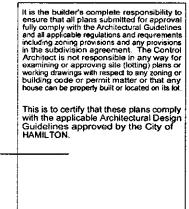
RUSSELL GARDENS PH.2

HIGHGROVE 5E

date MARCH 2017 drawn by WT thecked by scale
GW 3/16" = 1'-0"

WATERDOWN, ON.

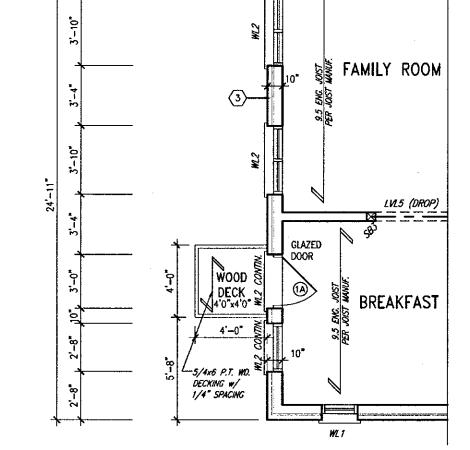
PART. PLANS- WOB CONDITION



4 BRICK VENEER w/ 2 x6 9 16" o.c. STUD WALL ON 10" CONC. FOUNDATION ON CONTIN. FOOTING (REFER TO BLOCK PLANS TO CONFIRM FOOTING SIZE) ---(7)--UNFINISHED BASEMENT 6x6 WOOD COLUMN (PRESSURE TREATED) — ON 12" CONC. PIER (15) <u>VENEER CUT</u> WHEN VENEER CUT IS GREATER THAN 26", A 10" POURED CONCRETE FOUNDATION WALL IS REQUIRED. 4'-0" 2"x8" P.T. 9-16°0.c. 4" BRICK VENEER BONDED L 2'-6" j 8'-3" TO 6" SOLID CONC. WALL ON 10" CONC. FOUNDATION ON CONTIN. FOOTING (REFER TO BLOCK PLANS

PART. BASEMENT PLAN - ELEV. '3A' W.O.B CONDITION

LOOK-OUT WOOD DECK DETAILS REFER TO STANDARD DETAIL PACKAGE (PAGE 6—2) FOR ADDITIONAL WOOD DECK INFORMATION.



PART. GROUND FLOOR PLAN- ELEV. '3A'

W.O.B CONDITION



NOV 2 4 2017

HIGHGROVE COMPLIANCE PACKAGE A1

tersigned has reviewed and takes responsibility for this design
s the qualifications and meets the requirements set out in the Building Code to be a Designer.
olion information ()
rd Vink 2/1/2 24488
signature 90N
tion information / Design Inc. 42658
for must verify all dimensions on the job and report any and the Designer before proceeding with the work. All
s and specifications are instruments of service and the property. Designer which must be returned at the completion of the work.
s are not to be scaled.
B die Co



55 Consumers Rd Suite 120 Toronto ON M2J 1R4 416.630.2255 f 416.630.4782

HIGHGROVE 5E

WATERDOWN, ON. RUSSELL GARDENS PH.2 checked by scale

GW 3/16" = 1'-0"

PART. PLANS-EL. 3A- WOB CONDITION

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