FLEY '1'

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

(OBC 9.30.6)

SPACE ALL CONVENTIONAL FLOOR JOISTS @ 12" O.C. 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 AL ROOF FRAMING INFORMATION UNLESS OTHERWISE
1	REFER TO ROOF TRUSS SHOP DRAWINGS FOR AL
ı	ROOF FRAMING INFORMATION UNLESS OTHERWISE
ı	NOTED.

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

	NOTE: ENGINEERED FLOOR FRAMING REFER TO ENGINEERED FLOOR FLAYOUTS FOR ALI ENGINEERED FLOOR FRAMING INFORMATION AND DETAILS LINEESS OTHERWISE NOTED
	REFER TO ENGINEERED FLOOR FLAYOUTS FOR ALI
	ENGINEERED FLOOR FRAMING INFORMATION AND
Į	DETAILS LINLESS OTHERWISE NOTED

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

HIGHGROVE 4 AND ELEV. 3	ENERGY E	EFFICIENCY - 08C SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTA	AGE	
FRONT	485.11 S.F.	122.00 S.F.	25.15	%	
LEFT SIDE	981.91 S.F.	0 S.F.	0.00	%	
RIGHT SIDE	981.91 S.F.	0 S.F.	0.00	%	
REAR	485.11 S.F.	130.24 S.F.	26.85	%	
* Openings omitted as PER SB-12 3.1.1.9(4) Max 19.9 S.F. REFER TO ELEVATION FOR LOCATION		0.00 S.F.			
TOTAL SQ. FT.	2934.04 S.F.	252.24 S.F.	8.60	%	
TOTAL SQ. M.	272.58 S.M.	23.43 S.M.	8.60	7%	

GROUND FLOOR AREA	894 SF
SECOND FLOOR AREA	1107 SF
TOTAL FLOOR AREA	2001 SF
	(185.90 m2)
FIRST FLOOR OPEN AREA	00 SF
SECOND FLOOR OPEN AREA	11 SF
ADD TOTAL OPEN AREAS	+11 SF
ADD FINISHED BSMT AREA	+00 SF
GROSS FLOOR AREA	2012 SF
	(186. 9 2 m2)
GROUND FLOOR COVERAGE	894 SF
GARAGE COVERAGE/AREA	310 SF
PORCH COVERAGE/AREA	106 SF
COVERAGE W/ PORCH	1310 SF
•	(121.70 m2)
COVERAGE W/O PORCH	1204 SF
•	(111.86 m ²)
AREA CALCULATIONS	FLEV '2'
GROUND FLOOR ARFA	902 SF

AREA CALCULATIONS

FLEV '2'
902 SF
1108 SF
2010 SF
(186.73 m2)
00 SF
11 S F
+11 SF
+00 SF
2021 SF
(187.75 m2)
902 SF
310 SF
53 SF
1265 SF
(117.52 m2)
1213 SF
(112.69 m2)

AREA CALCULATIONS	<u>FLEV '3'</u>
GROUND FLOOR AREA	894 SF
SECOND FLOOR AREA	1099 SF
TOTAL FLOOR AREA	1993 SF
	(185.16 m2)
FIRST FLOOR OPEN AREA	00 SF
SECOND FLOOR OPEN AREA	11 SF
ADD TOTAL OPEN AREAS	+11 SF
add finished bsmt area	+00 SF
GROSS FLOOR AREA	2004 SF
	(186.18 m2)
GROUND FLOOR COVERAGE	894 SF
GARAGE COVERAGE/AREA	310 SF
PORCH COVERAGE/AREA	99 SF
COVERAGE W/ PORCH	1303 SF
	(121.05 m2)
COVERAGE W/O PORCH	1204 SF
	(111.86 m2)

OCT 0 4 2017

HIGHGROVE COMPLIANCE PACKAGE 'A1'

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•	$\Lambda / \Delta \ll$
24488	V/AB
BCIN	DE01011
42658	DESIGN
ortony volt All	255 Consumers Rd Suite 120

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

485.11 S.F 981.91 S.F

981.91 S.F

485.11 S.F.

2934.04 S.F.

272.58 S.M.

485.11 S.F.

1001.58 S.F

1001.58 S.F 485.11 S.F.

2973.38 S.F.

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

276.23 S.M.

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

HIGHGROVE 4 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 4 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

REAR

FRONT

REAR

ENERGY EFFICIENCY - OBC SB12

L AREA S.F. OPENING S.F. PERCENTAGE

112.75 S.F.

130.24 S.F.

0.00 S.F.

242.99 S.F.

22.57 S.M.

ENERGY EFFICIENCY - OBC SB12

1. AREA S.F. OPENING S.F. PERCENTAGE

123.50 S.F.

130.24 S.F.

0.00 S.F.

253.74 S.F

23.57 Ş.M.

0 \$.F.

0 S.F.

0 S.F.

0 S.F.

23.24 %

0.00 %

0.00 %

26.85 %

8.28 %

8.28 %

25.46 %

0.00 %

0.00 %

26.85 %

8.53 % 8.50 %

VA TAME	proje
	RΙ
DESIGN	
DESIGN	date
255 Consumers Rd Suite 120	APF
Toronto ON M2J 1R4	draw
TOTOTIO OTT INEO TICE	

*Green	park.
PRUSSELL GARDENS PH.2	WATERDOWN, ON.

HIGHGROVE 4

project fo. 16036

A0

2017			TYPICAL	NOTES	&	AREAS
,	checked by GW	9cole 3/16" = 1'-0"		16036-	-HIGI	file name IGROVE-4
H:\ARCHIVE\	MORFING\2016\16036 GRE\U	наууноногом/моновомен	4\16038-H-CHGROVE-4.c+q	-Tbu −Sep 0	7a 201	7 - 5:28 FW
VIII DOCUM	Parameterists of this pro-	and of an adopte of the part i	e strictly exchibited without	VAS DESIGN'S	wille	o permission.

3" OR 10" FOUNDATION WALLS WITH 2"x8" / 2"x10" FLOOR JOISTS 10"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. BELOW PARTY WALLS.

(REFER TO ENGINEER FILL FOOTING DETAIL) ASSUME THE LARGER FOOTING SIZE WHEN TWO CONDITIONS APPLY

STRIP FOOTINGS - FOR SINGLES & SEMIS UP TO 2 STOREYS

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	F1 = 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	F5 = 18"x18"x8" CONCRETE PAD

(REFER TO FLOOR PLAN FOR UNUSUAL 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) WL2 =4" x 3-1/2" x 5/16"L (100x90x8.0L) WL3 =5" x 3-1/2" x 5/16"L (125x90x8.0L) WL4 =6" x 3-1/2" x 3/8"L (150x90x10.0L) WL5 =6" x 4" x 3/8"L (150x100x10.0L) WL6 =5" x 3-1/2" x 5/16"L (125x90x8.0L) WL7 =5" x 3-1/2" x 5/16"L (125x90x8.0L) WL8 =5" x 3-1/2" x 5/16"L (125x90x8.0L) WL8 =5" x 3-1/2" x 5/16"L (125x90x8.0L) WL9 =6" x 4" x 3/8"L (150x100x10.0L)	+++++	2-2"x8" SPR. No.2 2-2"x8" SPR. No.2 2-2"x10" SPR. No.2 2-2"x12" SPR. No.2 2-2"x12" SPR. No.2 2-2"x12" SPR. No.2 3-2"x12" SPR. No.2 3-2"x10" SPR. No.2 3-2"x10" SPR. No.2
---	-------	--

WOOD LINTELS AND BEAMS (WB)

WB1	=2-2"x8" (2	2-3 8 ×184)	SPR. No.2
WB2	$=3-2^{\circ}x8^{\circ}$ (3	3-38x184)	SPR. No.2
WB3	$=2-2^{n} \times 10^{n}$	(2-38x235)	SPR. No.2
WB4	=3-2"x10"	(3-38x235)	SPR. No.2
WB5	=2-2"x12"	(2-38×286)	SPR. No.2
WB6	=3-2"x12"	(3-38×286)	SPR. No.2
WB7	=5-2"x12"	(5-38x286)	SPR. No.2
WB11	=4-2"x10"	(4-38×23 5)	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	$=2-1 \frac{3}{4}$ x7 $\frac{1}{4}$ (2-45x184)					
LVL2	$=3-1 \frac{3}{4}$ "x7 $\frac{1}{4}$ " (3-45x184)					
LVL3	=4-1 3/4"x7 1/4" $(4-45x1B4)$					
LVL4A	=1-1 3/4"x9 $1/2$ " $(1-45x240)$					
LVL4	$=2-1 \ 3/4$ "x9 $1/2$ " $(2-45\times240)$					
LVL5	$=3-1 \ 3/4$ "x9 $1/2$ " $(3-45\times240)$					
LVL5A	$=4-1 \ 3/4$ "x9 $1/2$ " $(4-45x240)$					
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)

LOCOL STEEL HITTELS IN							
L1	=3-1/2" x $3-1/2$ " x $1/4$ "L (90x90x6.0L						
L2	=4" x 3-1/2" x 5/16"L (100x90x8.0L)						
L3	=5" x 3 $-1/2$ " x 5 $/16$ "L (125x90x8.0L)						
L4	$=6" \times 3-1/2" \times 3/8"L (150x90x10.0L)$						
15	$=6" \times 4" \times 3/8"L (150x100x10.0L)$						
L6	$=7" \times 4" \times 3/8"L (180 \times 100 \times 10.0L)$						

STRUDET INC.

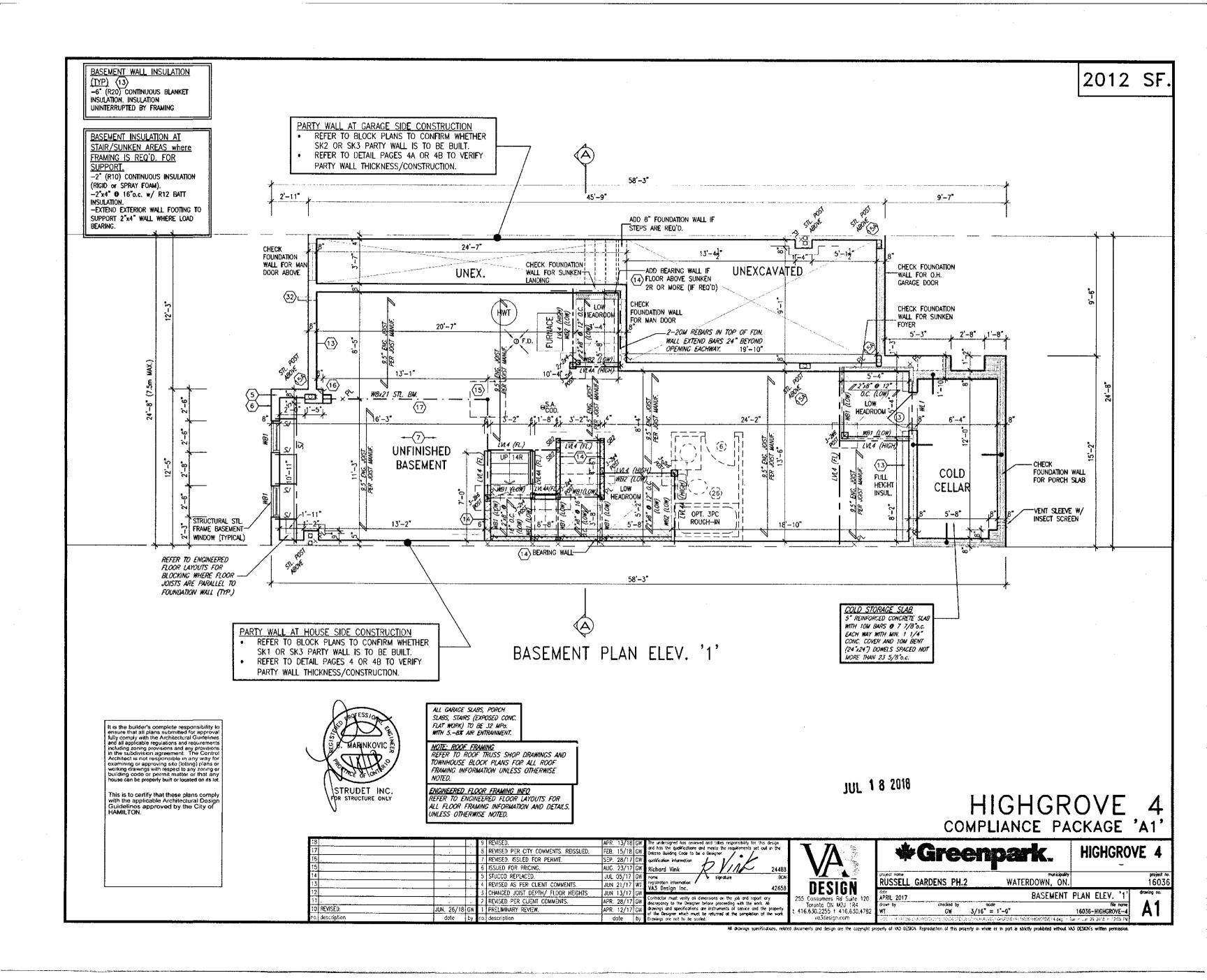
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible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

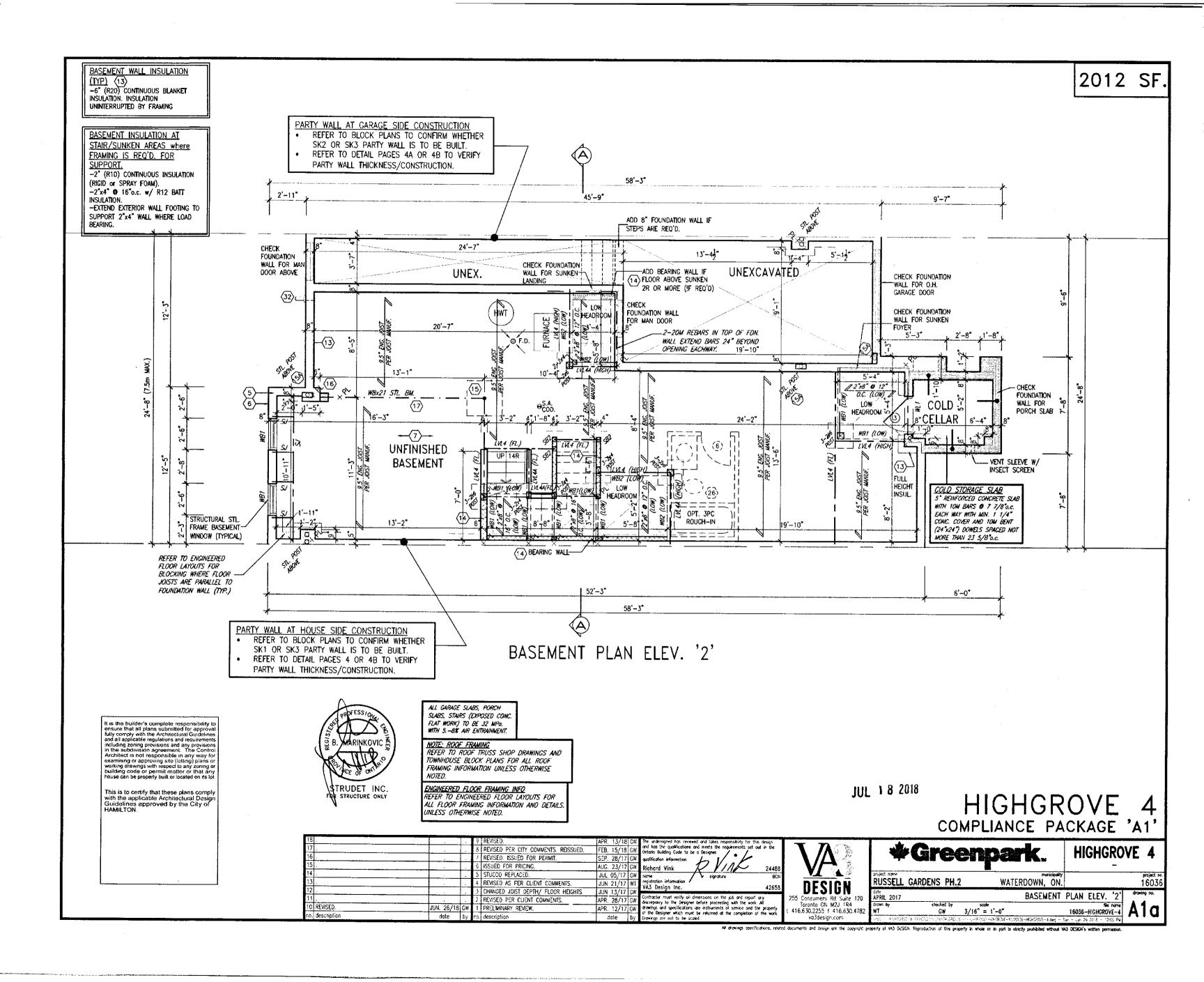
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of HAMILTON.

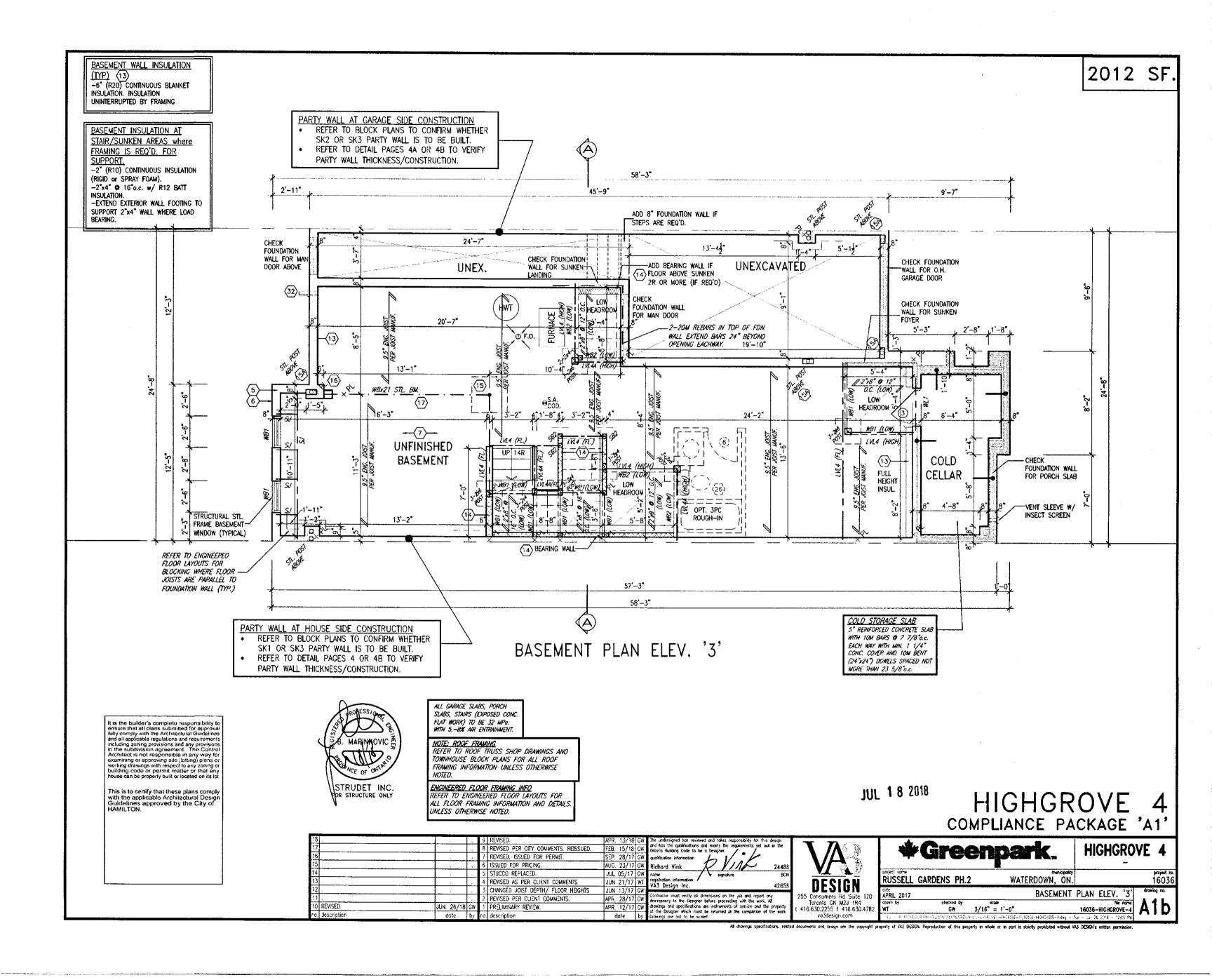
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			7	REVISED. ISSUED FOR PERMIT.	SEP. 28/17	G₩.	4
,		,	ô	ISSUED FOR PRICING.	AUG. 23/17	GW	R
			5	STUCCO REPLACED.	JUL 05/17	GW	rk
		·	4	REVISED AS PER CLIENT COMMENTS.	JUN 21/17	WT	re
		T .	3	CHANGED JOIST DEPTH/ FLOOR HEIGHTS	JUN 13/17	GW	
		T.	2	REVISED PER CLIENT COMMENTS.	APR. 28/17	GW:	Ç
			1	PRELIMINARY REVIEW.	APR. 12/17	GW	di of
description	date	bу	ρD	description	date	by	Ď

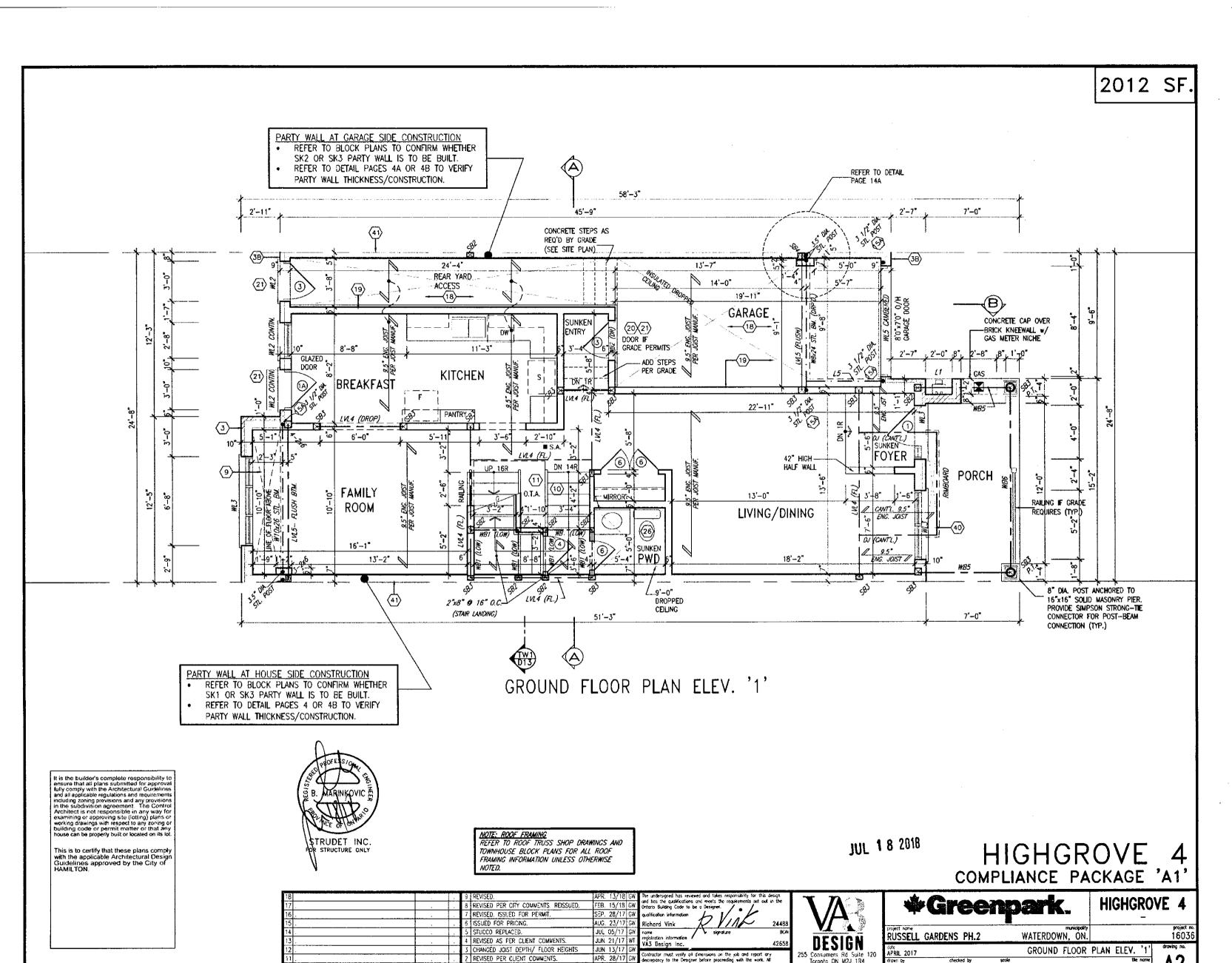
The undersigned has reviewed and takes responsibility for and has the qualifications and meets the requirements so Ontario Building Code to be a Designer. rame registration information VA3 Design Inc. Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

t 416.630.2255 f 416.630.4782 WT va3design.com









no. description

Contractor must verify oil dimensions on the job and report any description of the Designer before proceeding with the work. All JUN. 26/18 GW 1 PRELIMINARY REVIEW.

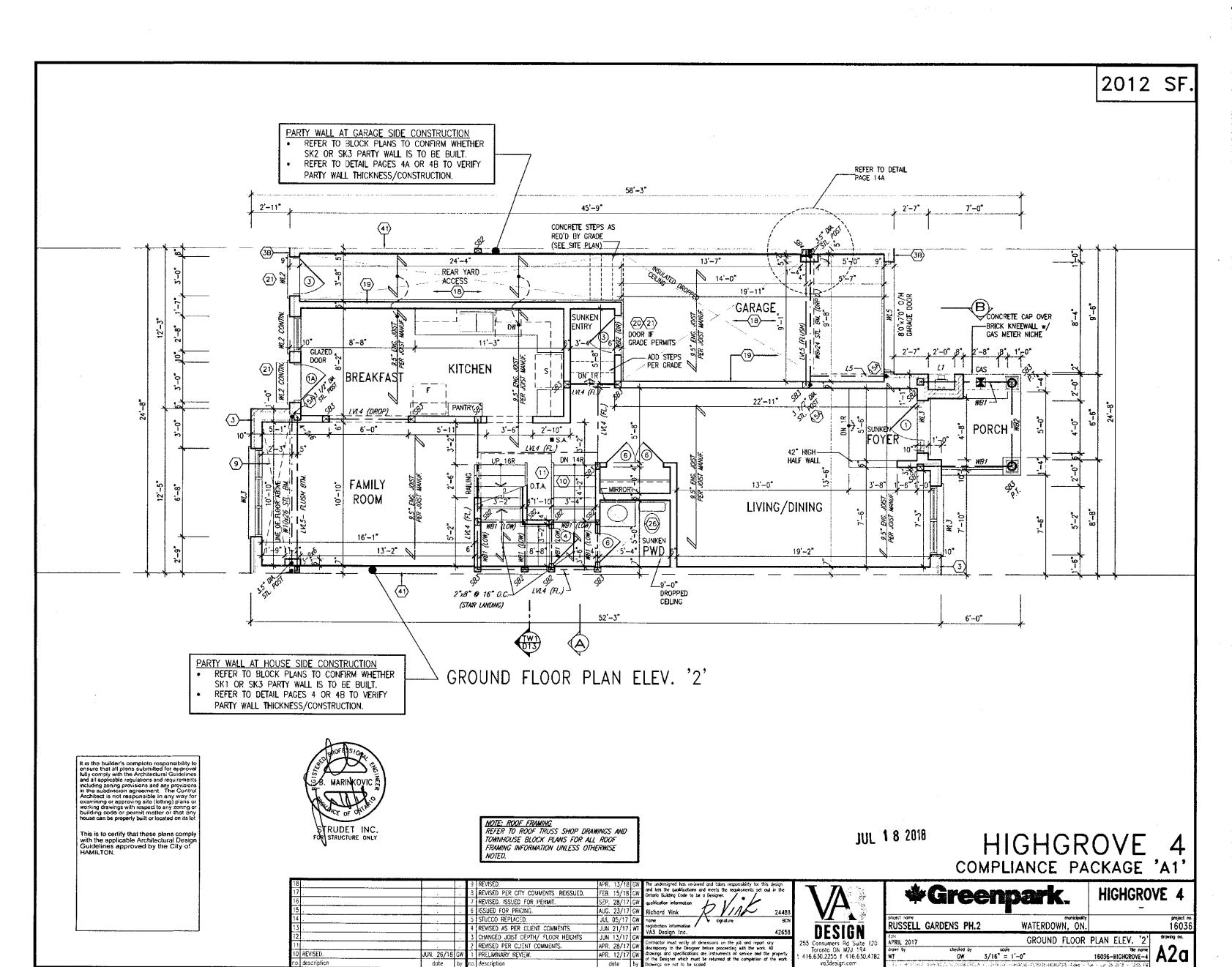
APR. 12/17 GW downings are not to be scaled.

APR. 12/17 GW downings are not to be scaled.

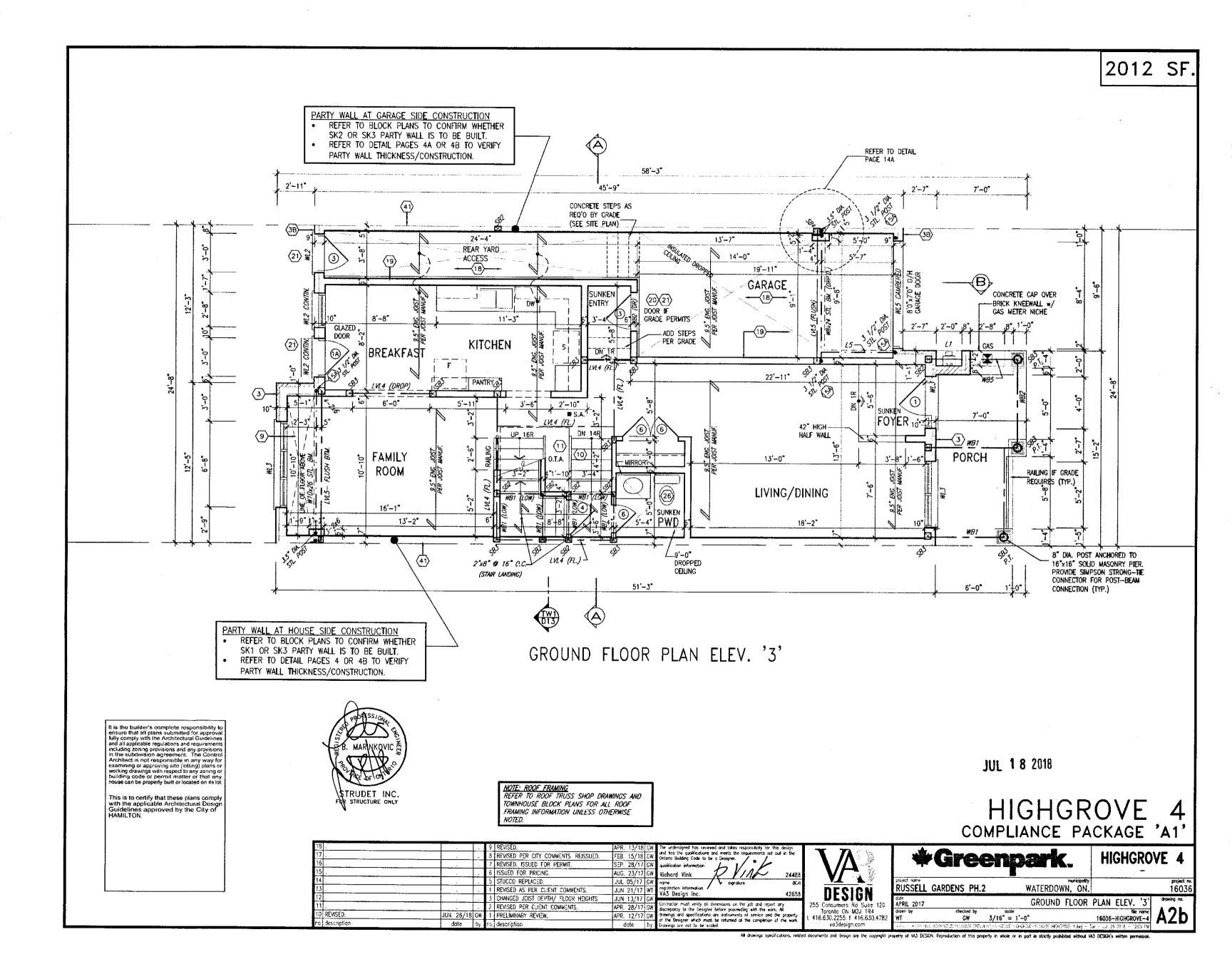
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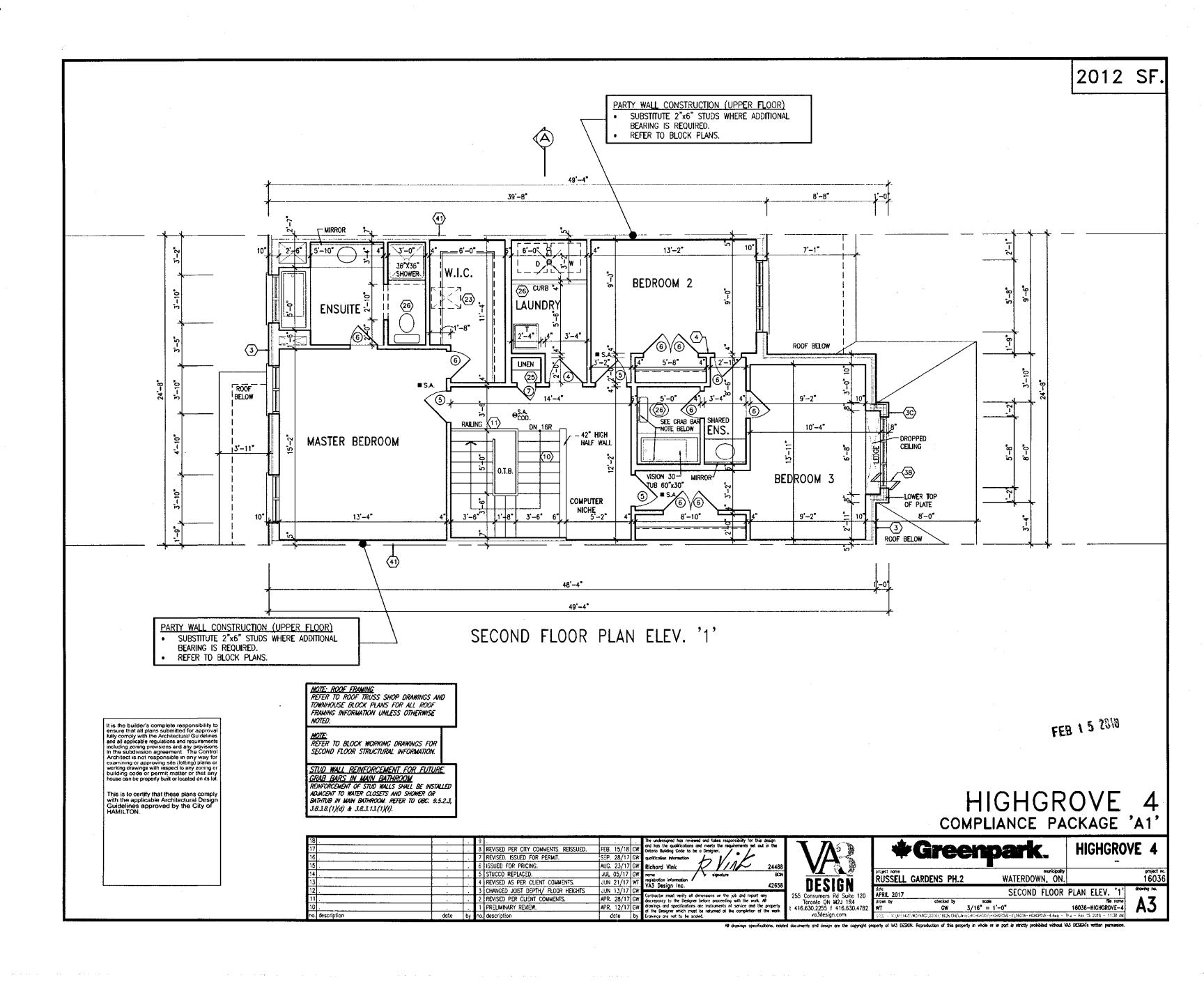
APR. 12/17 GW downings are not to be scaled.

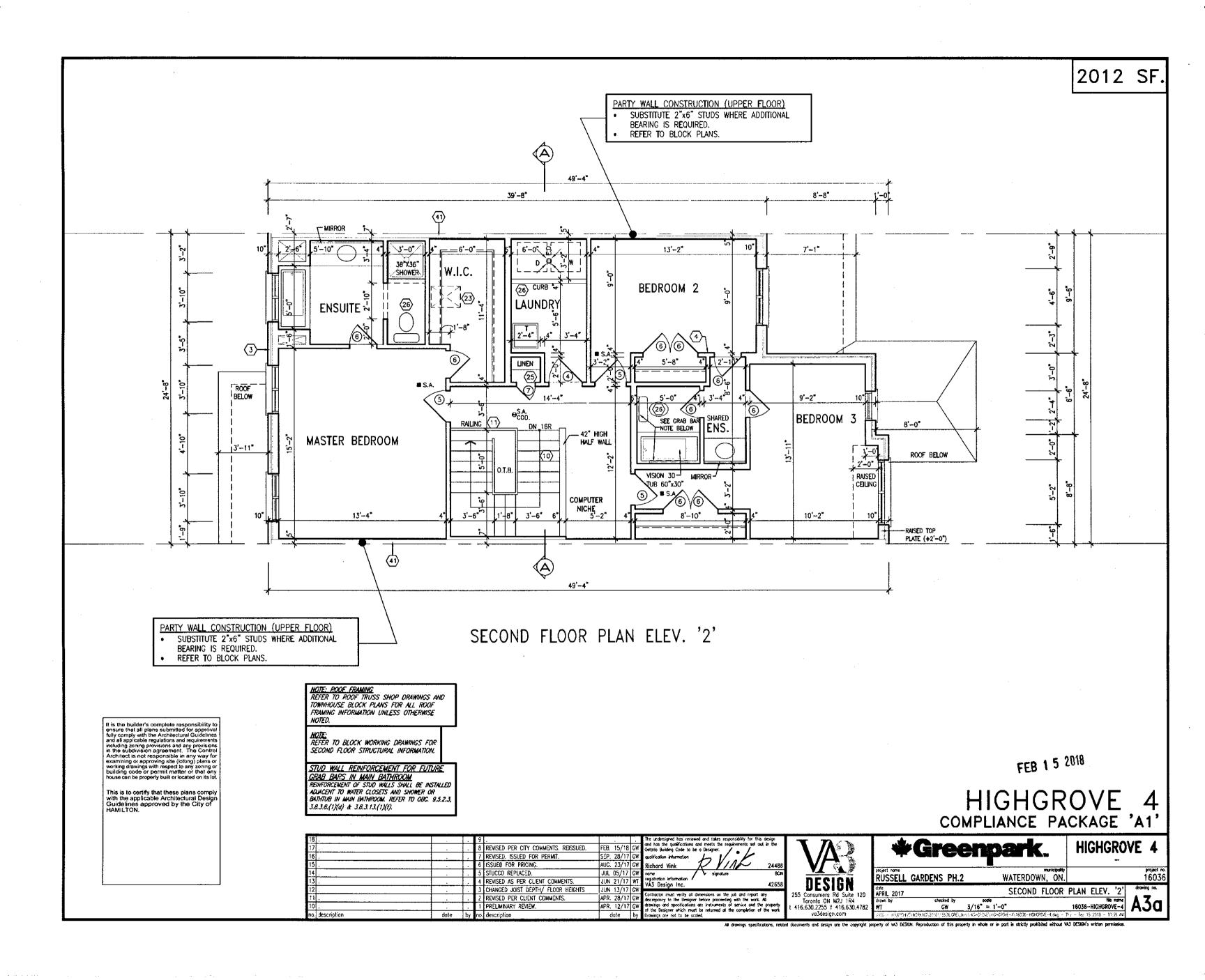
APRIL 2017 GROUND FLOOR PLAN ELEV. 11 down by checked by scale to Toronto ON MZJ 1R4 to 416.630.2255 1 416.630.4782 WT GW 3/18" = 1"-0" 16036-HICHGROVE-4 to 35-HICHGROVE-4 to 35-HICHGR

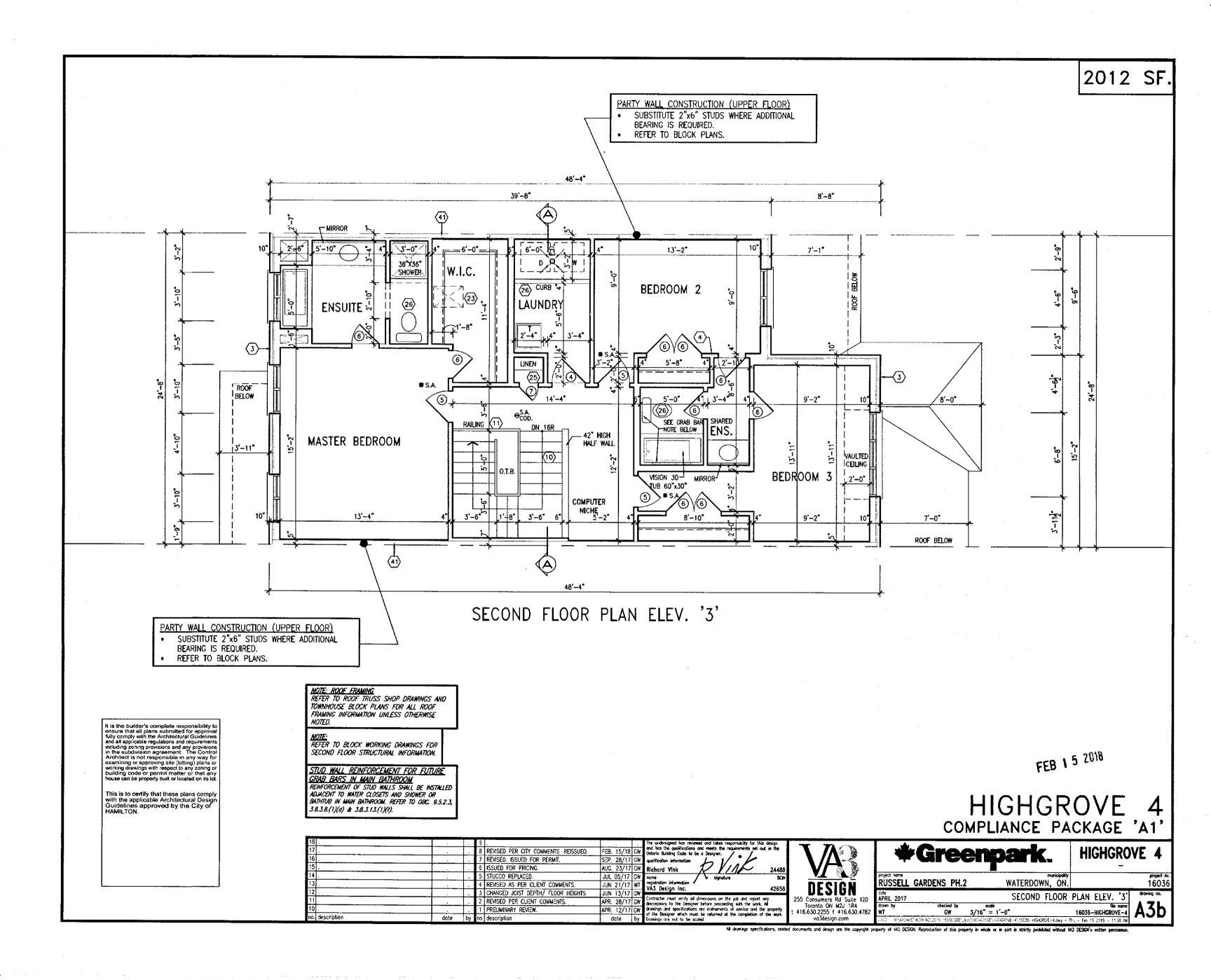


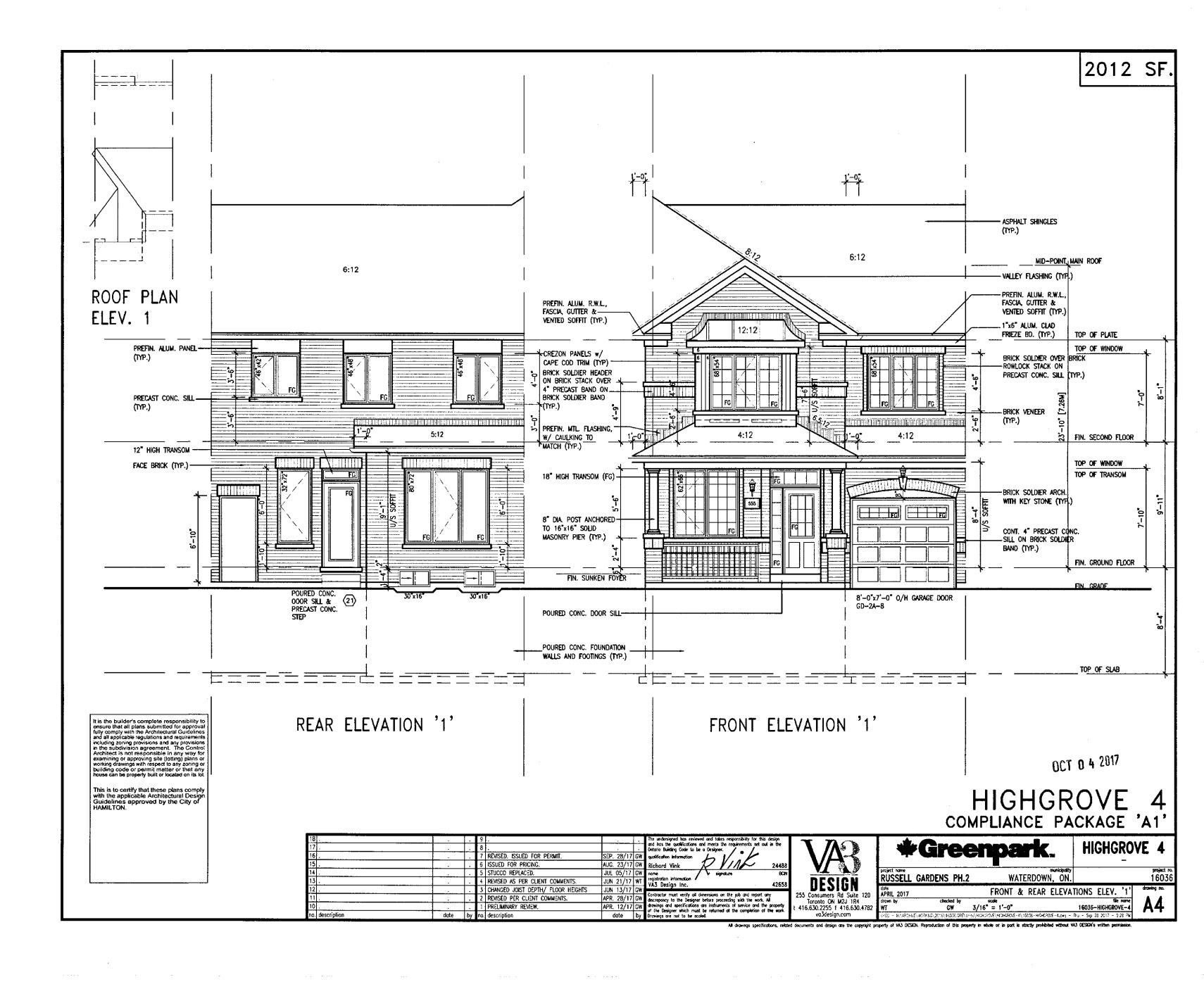
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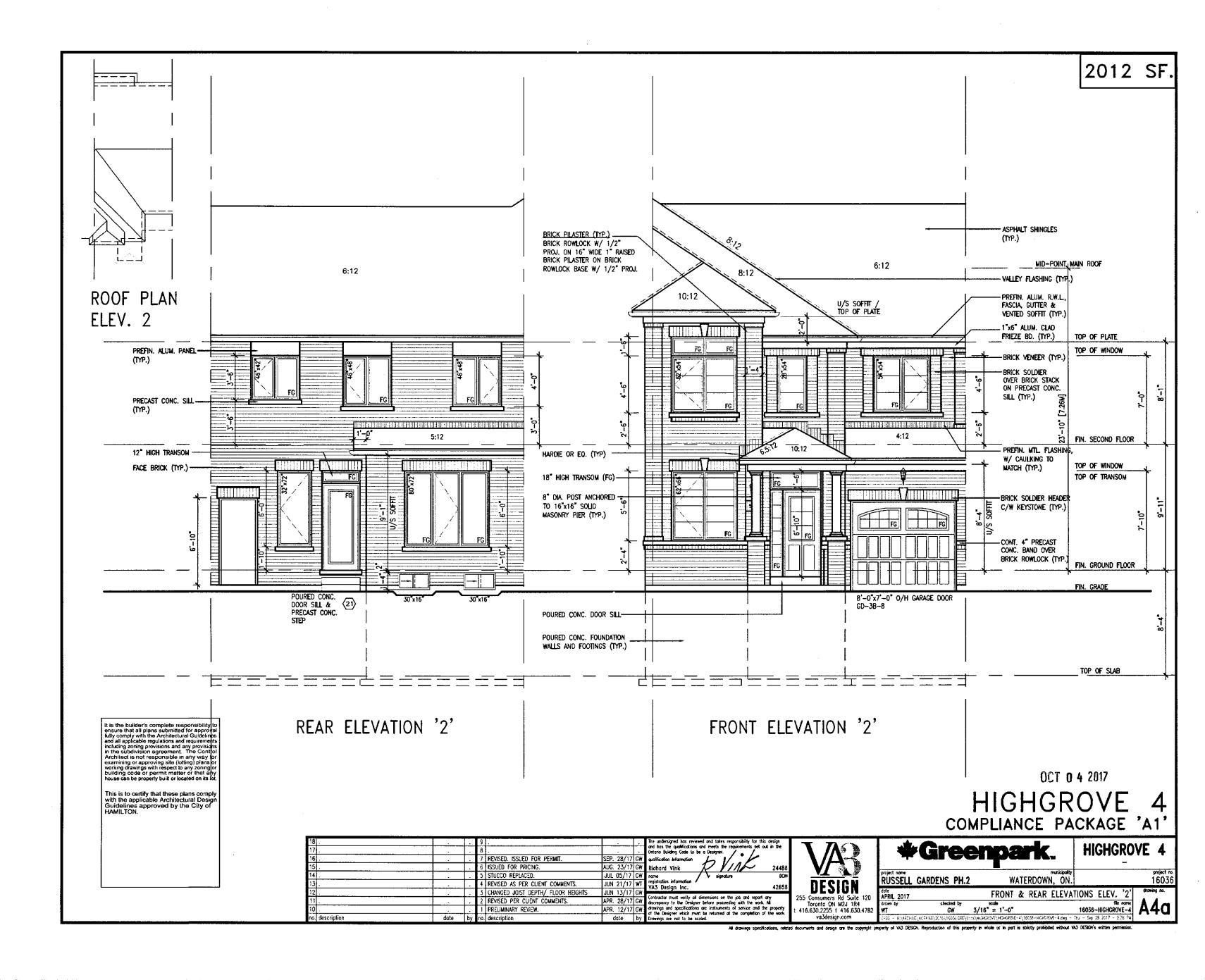


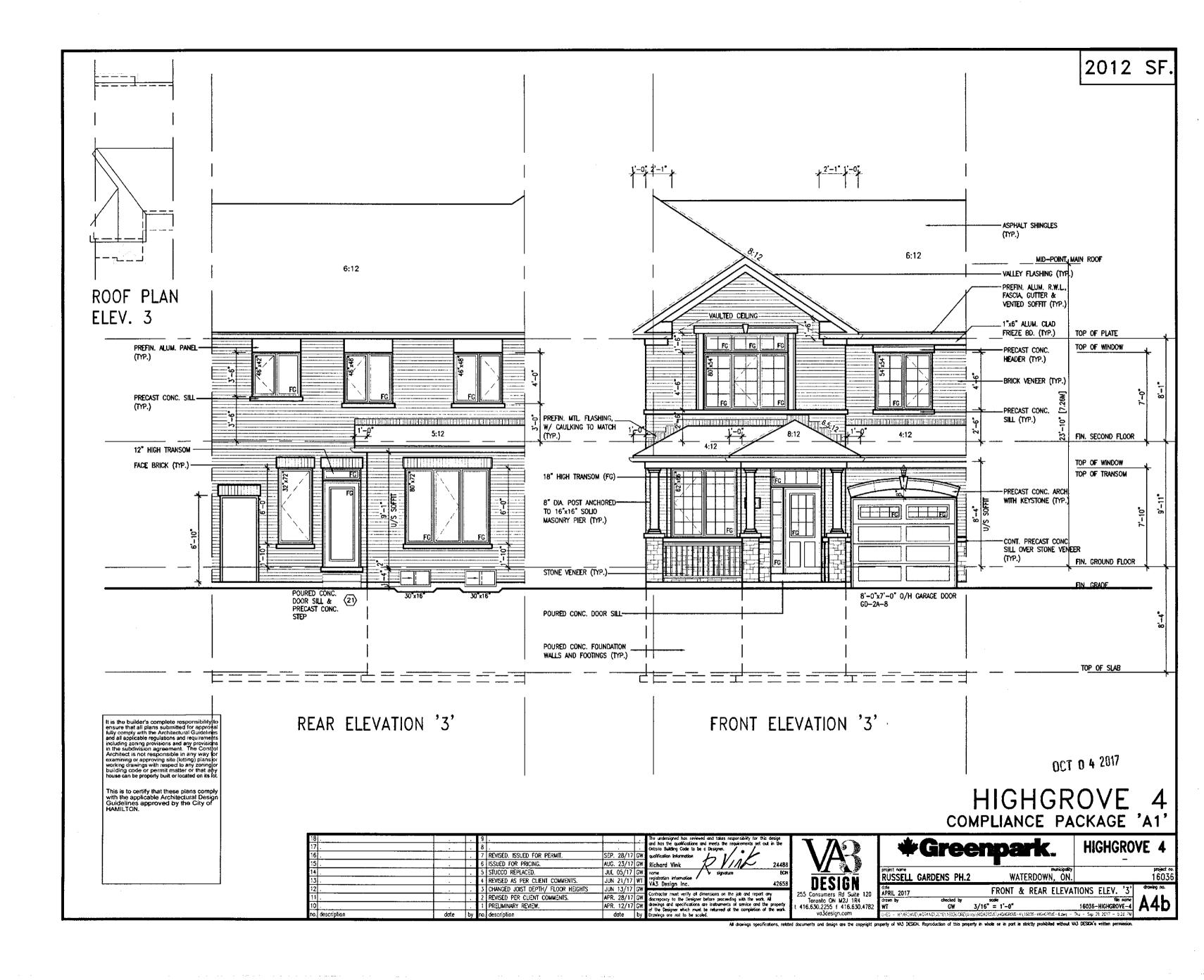


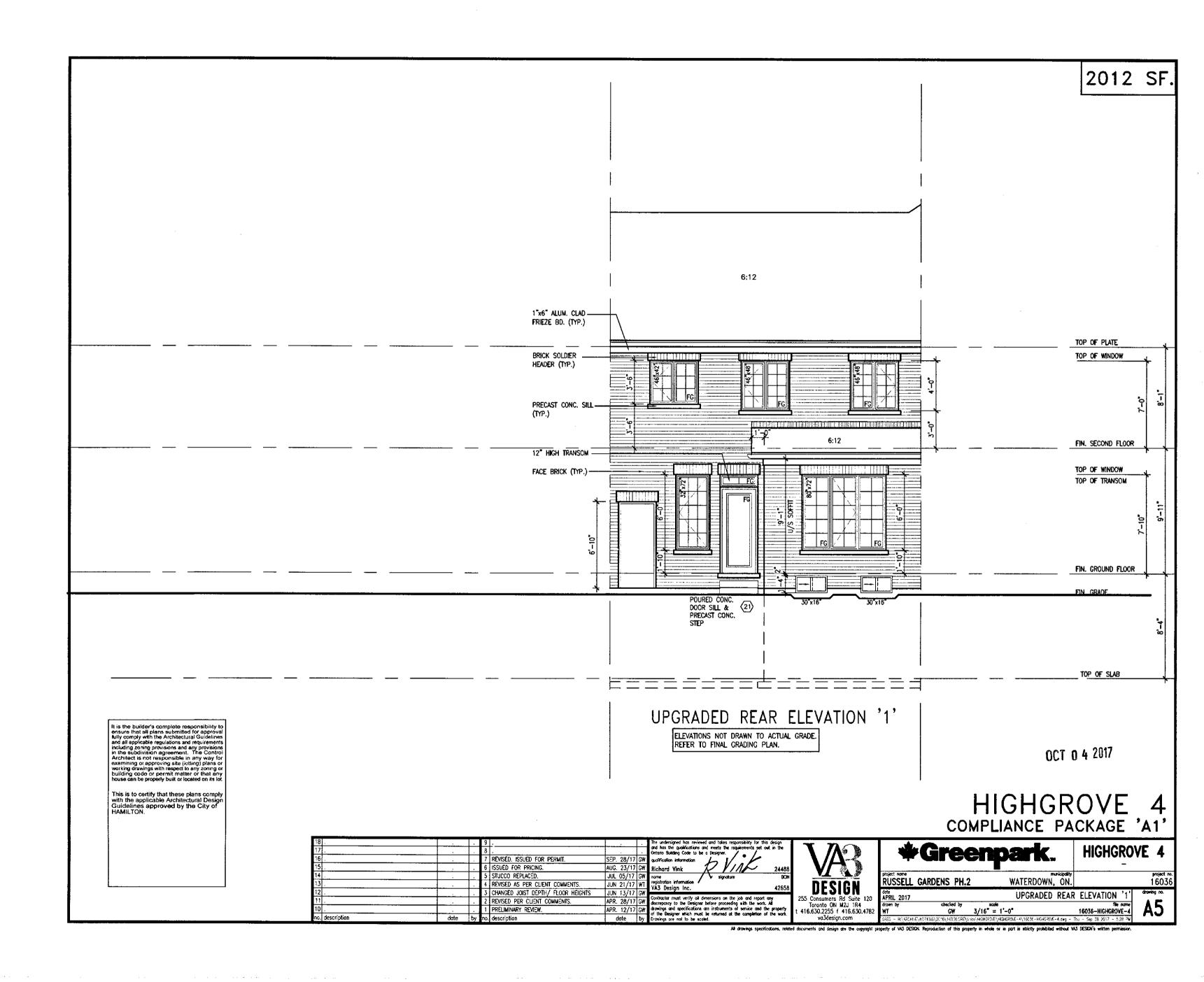


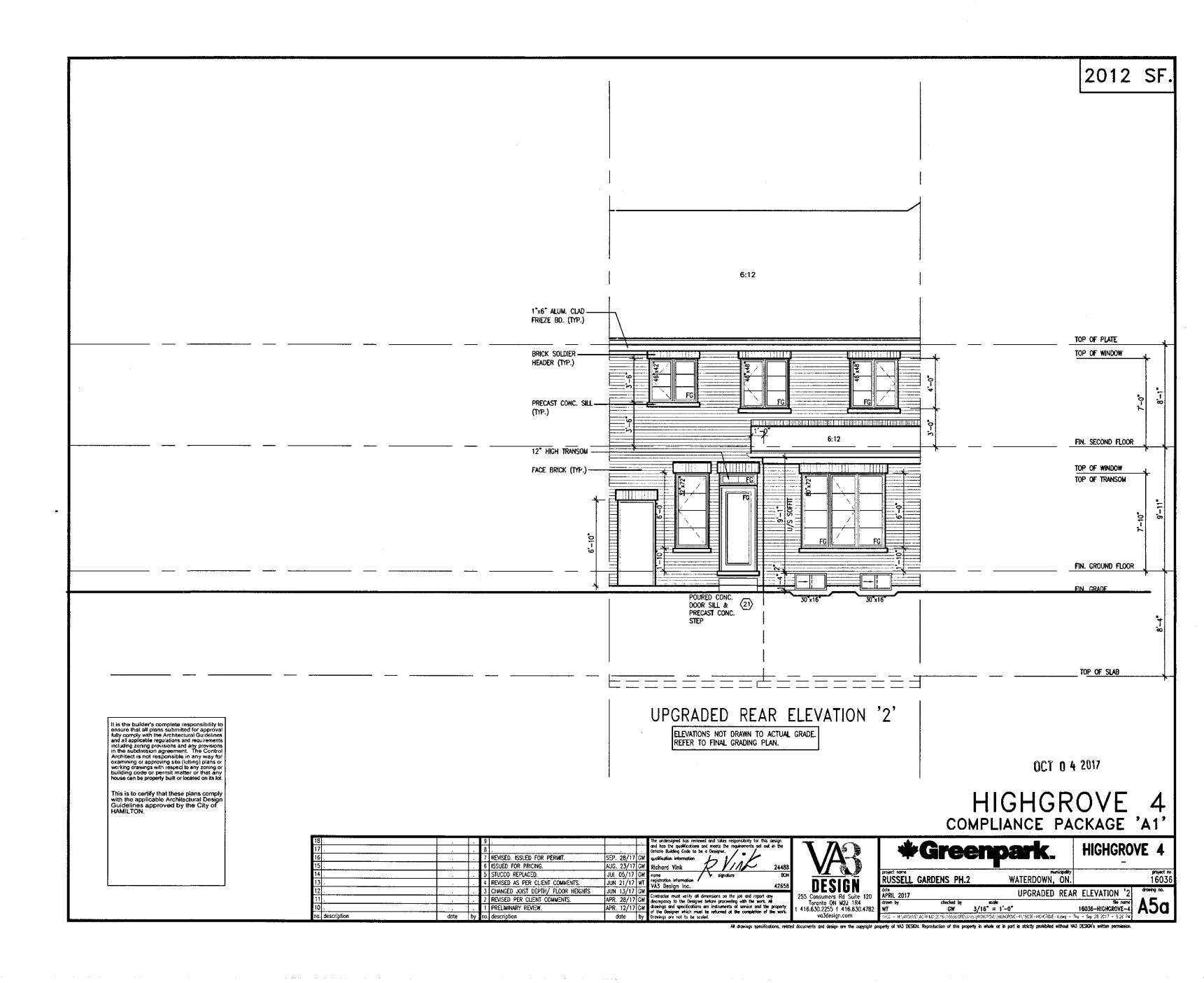


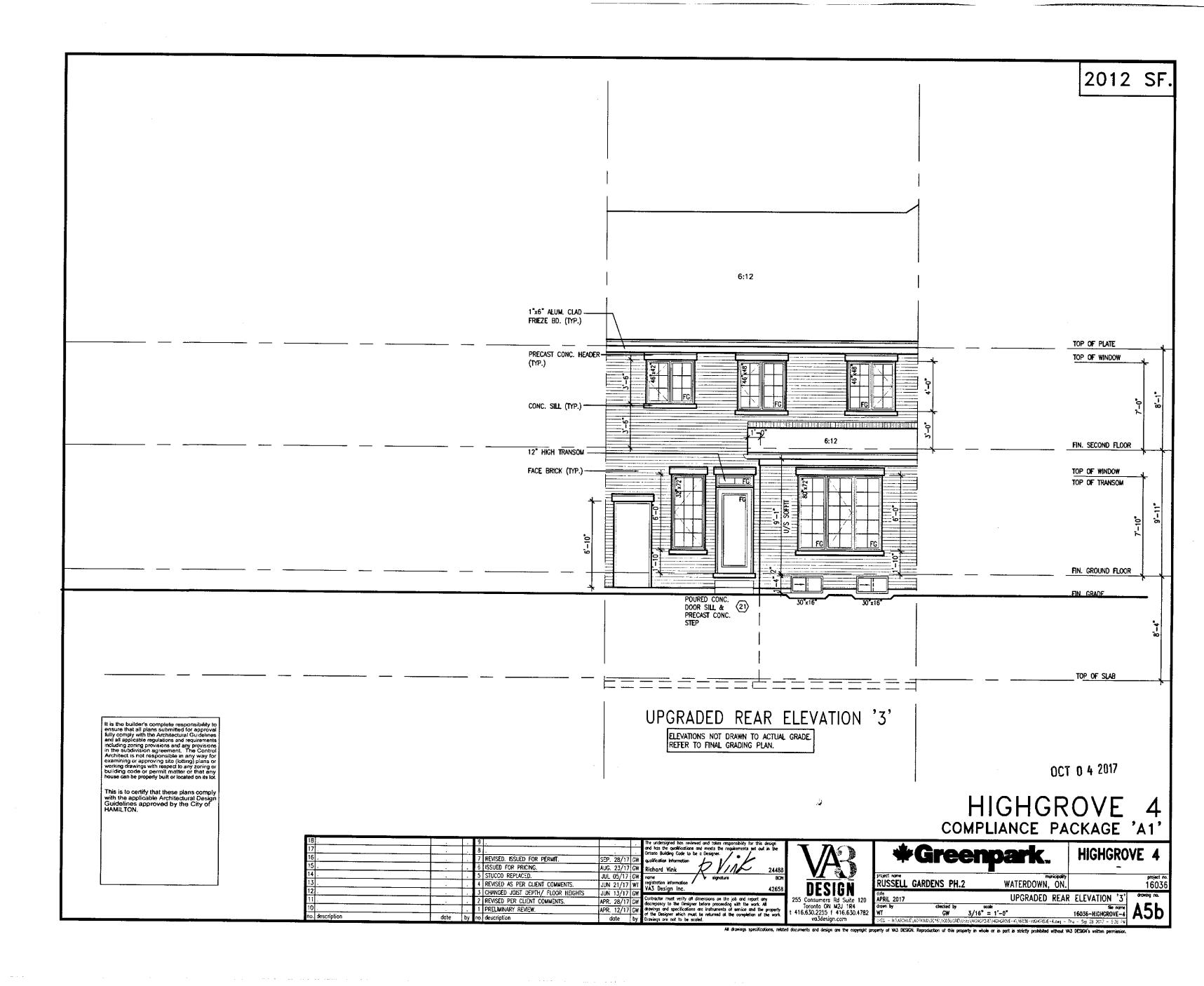


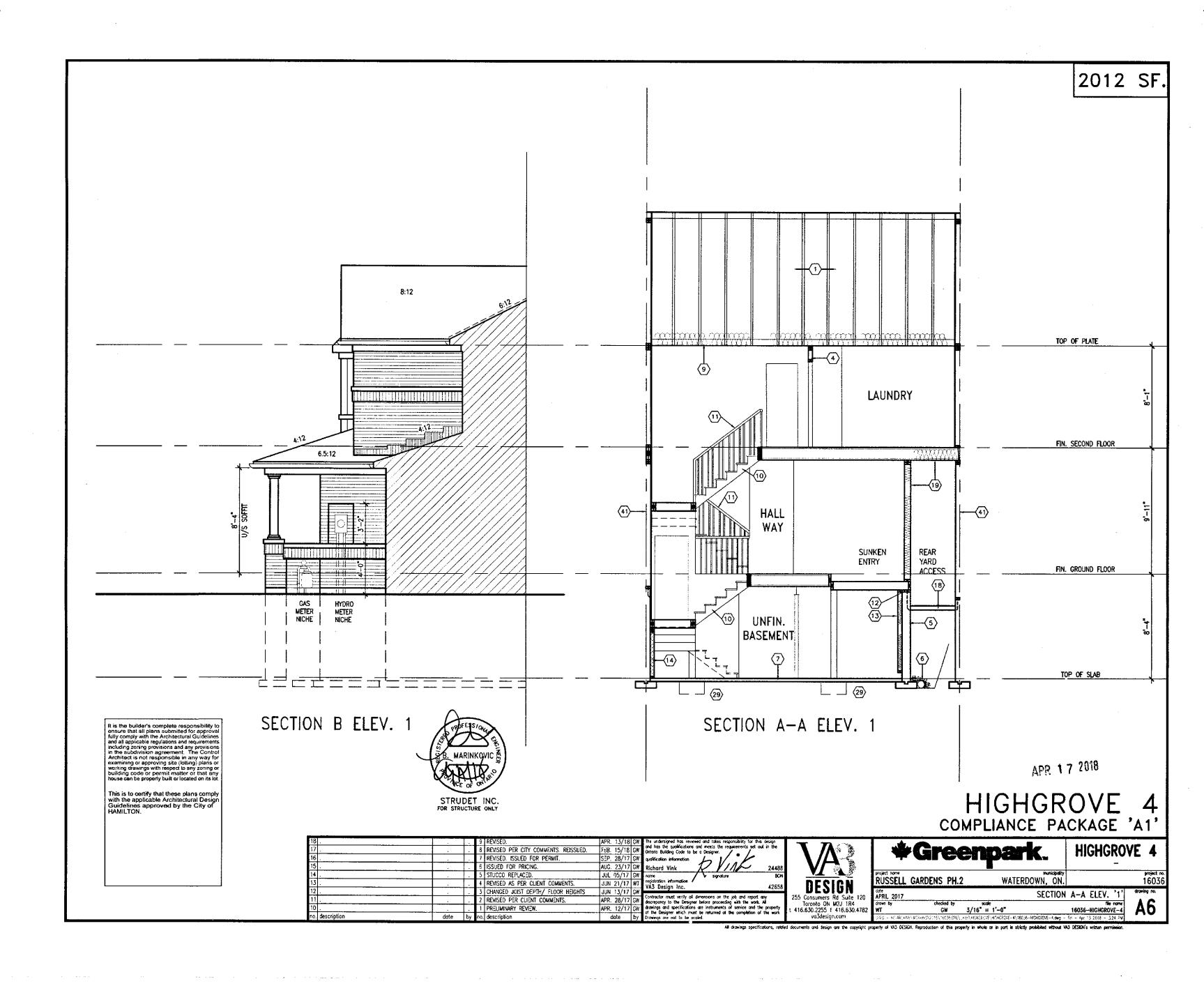


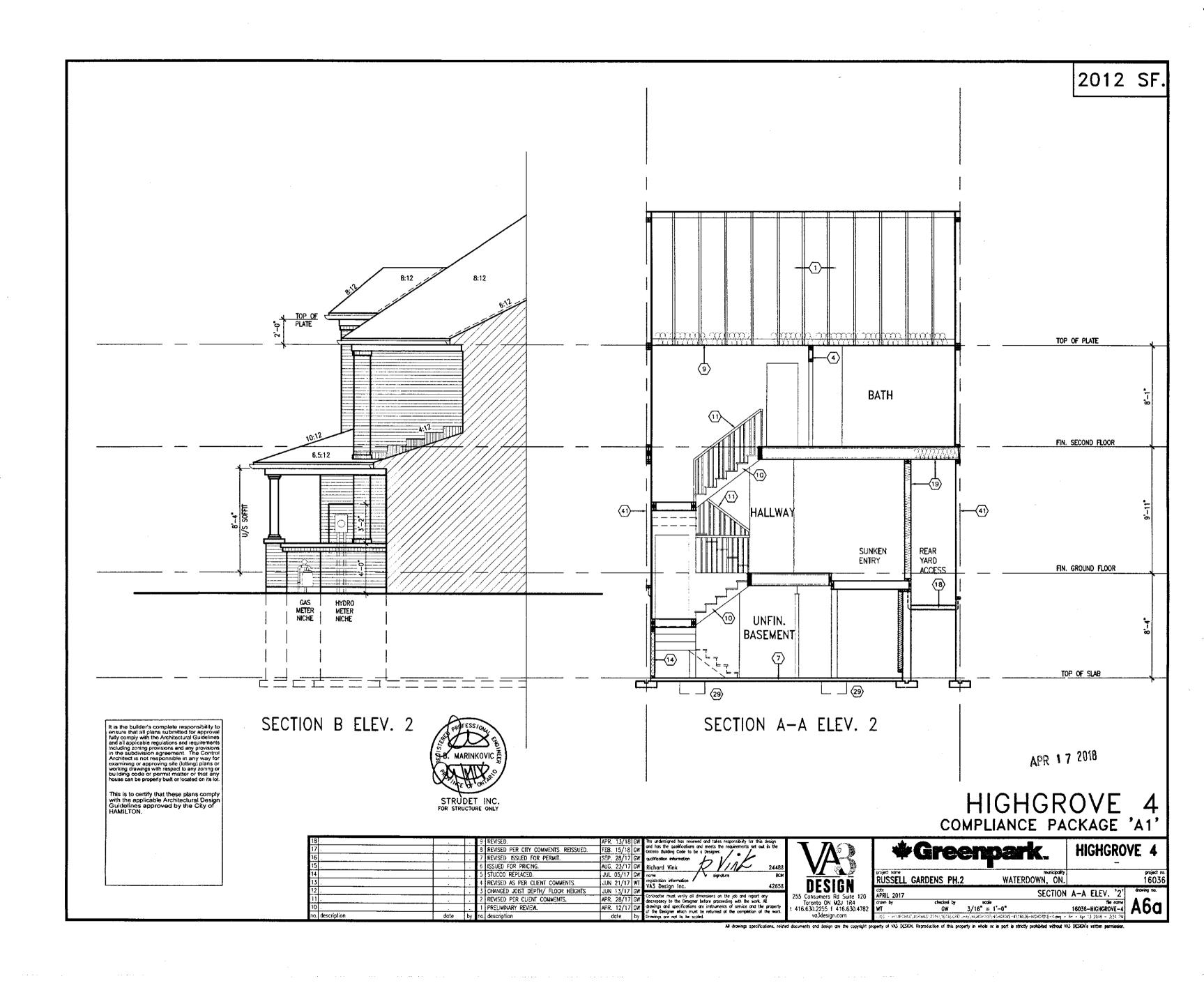


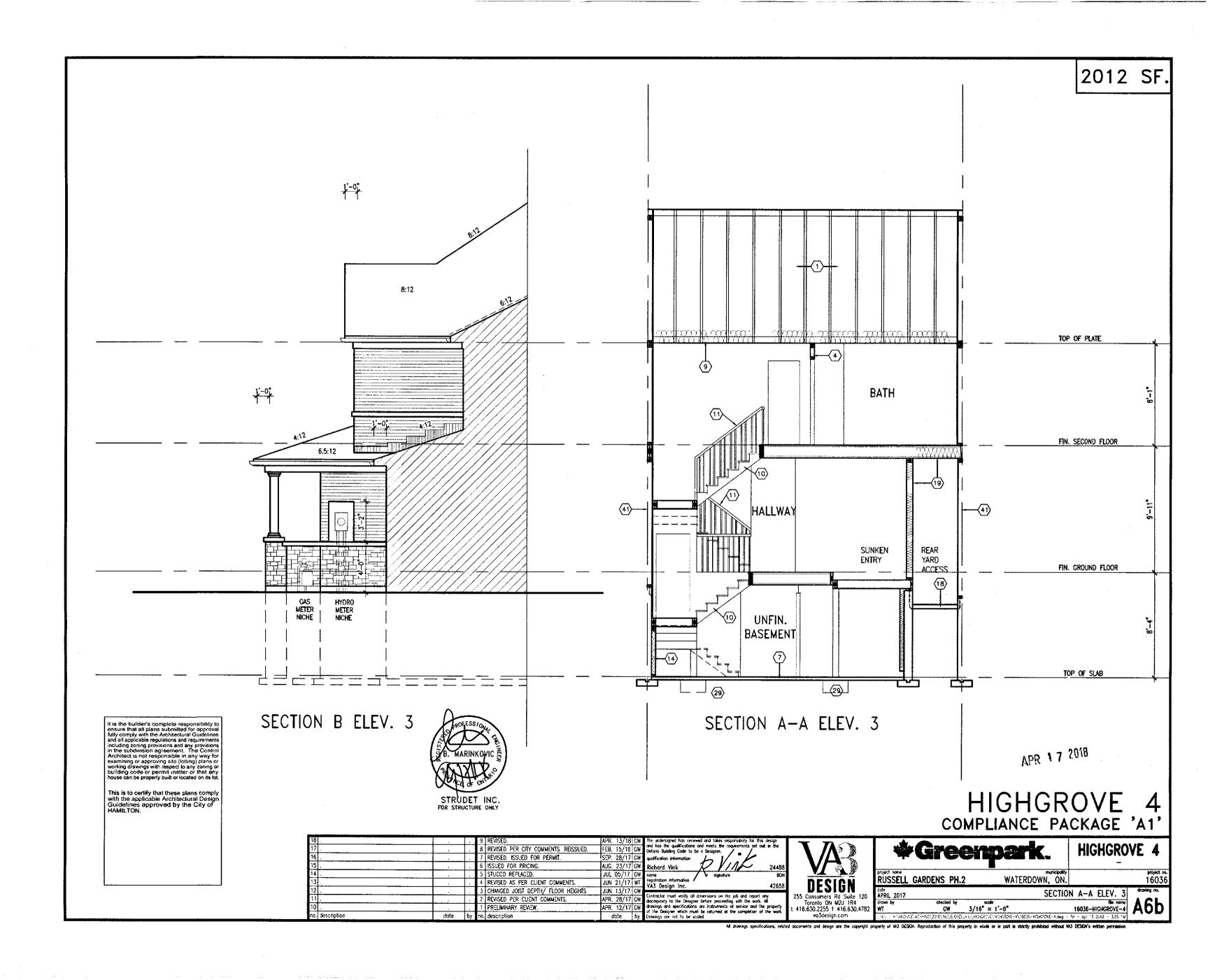


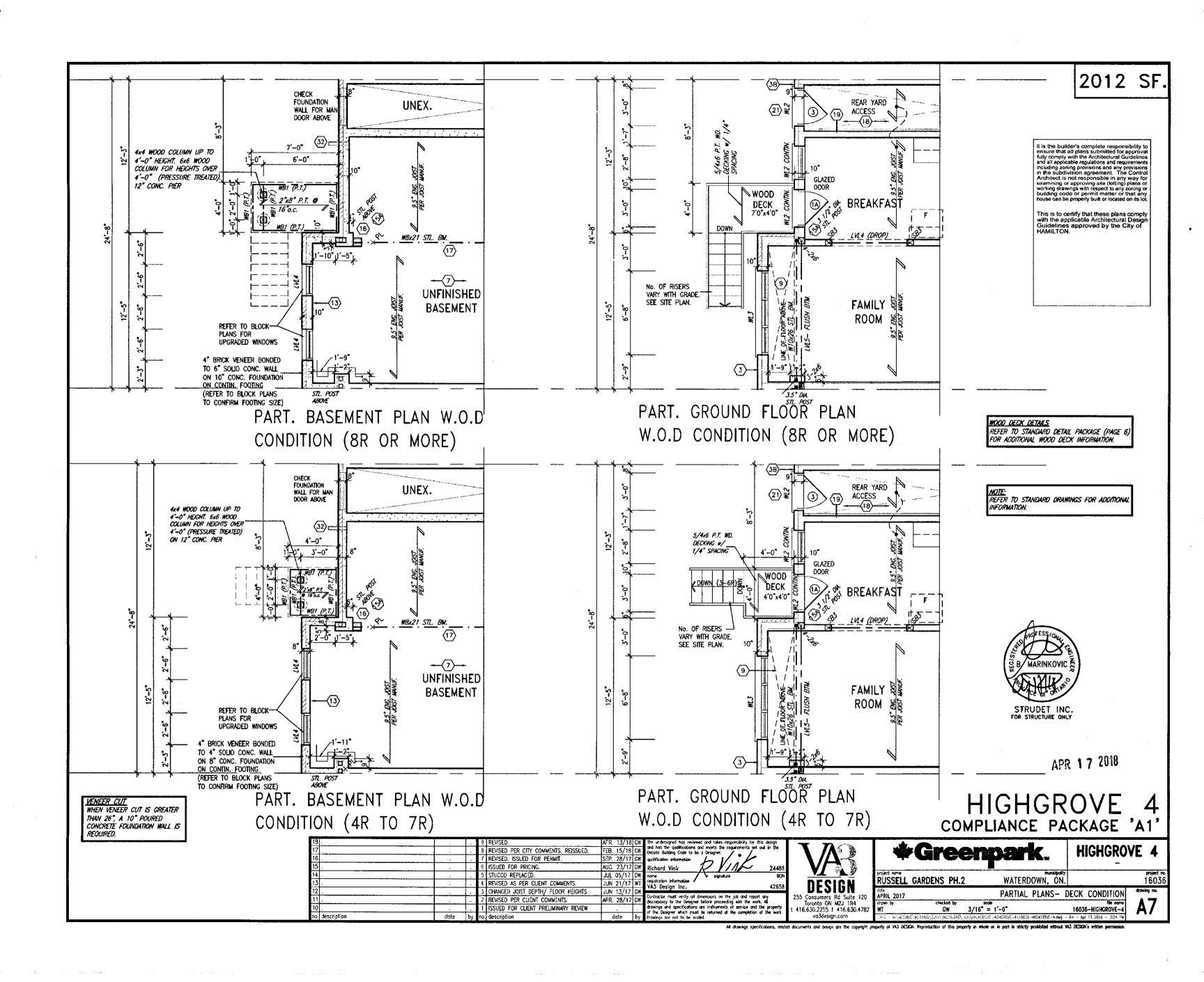


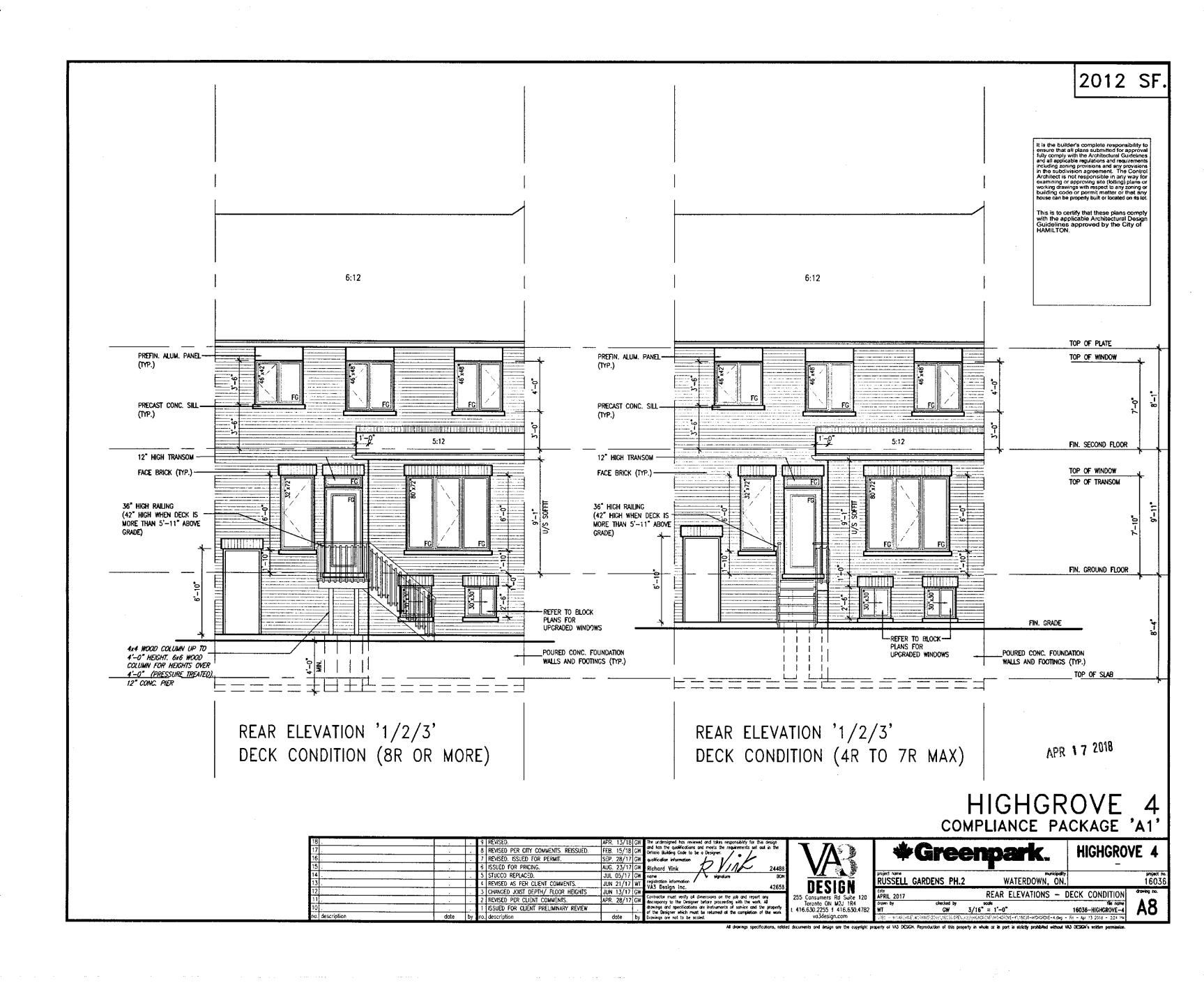


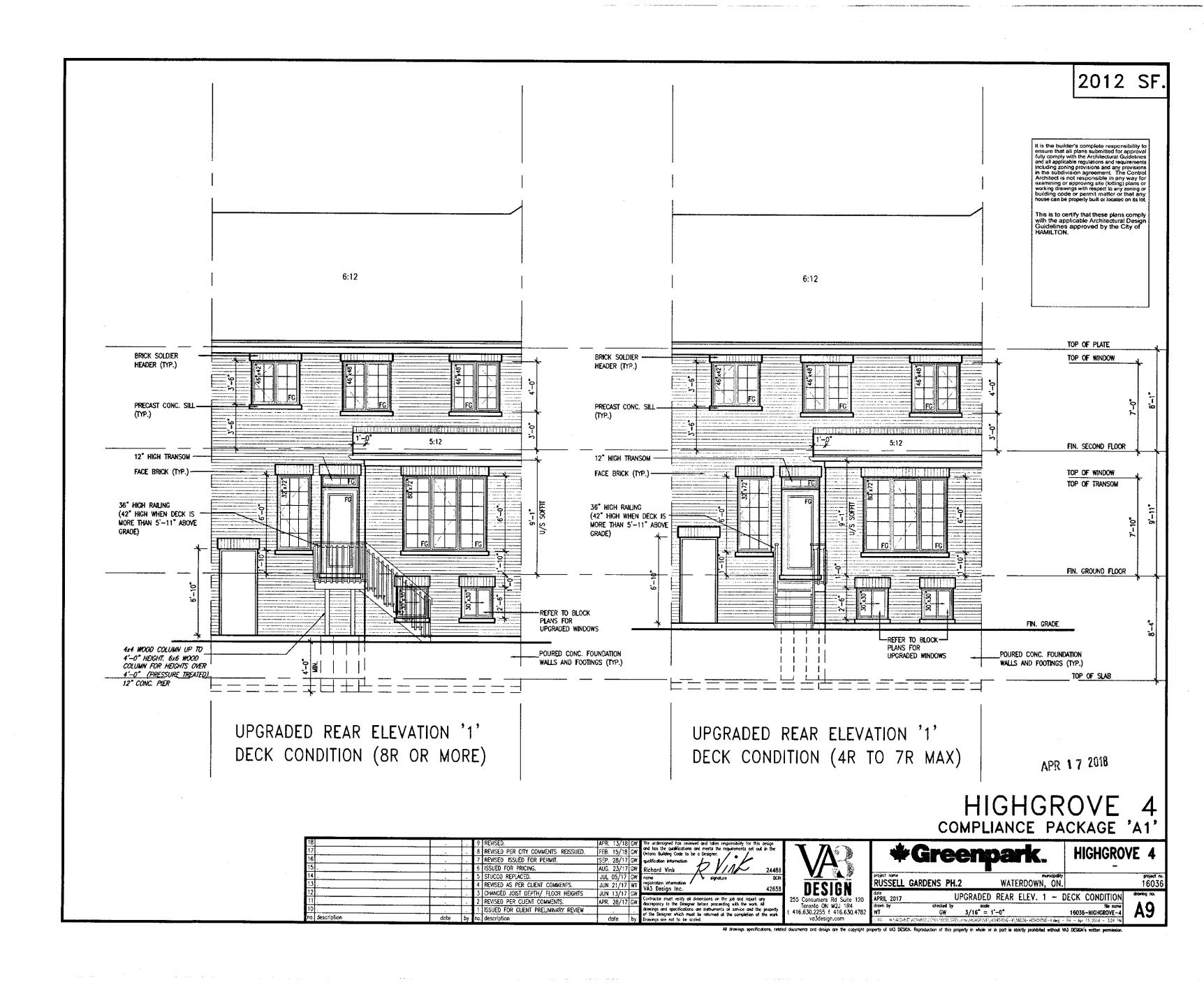


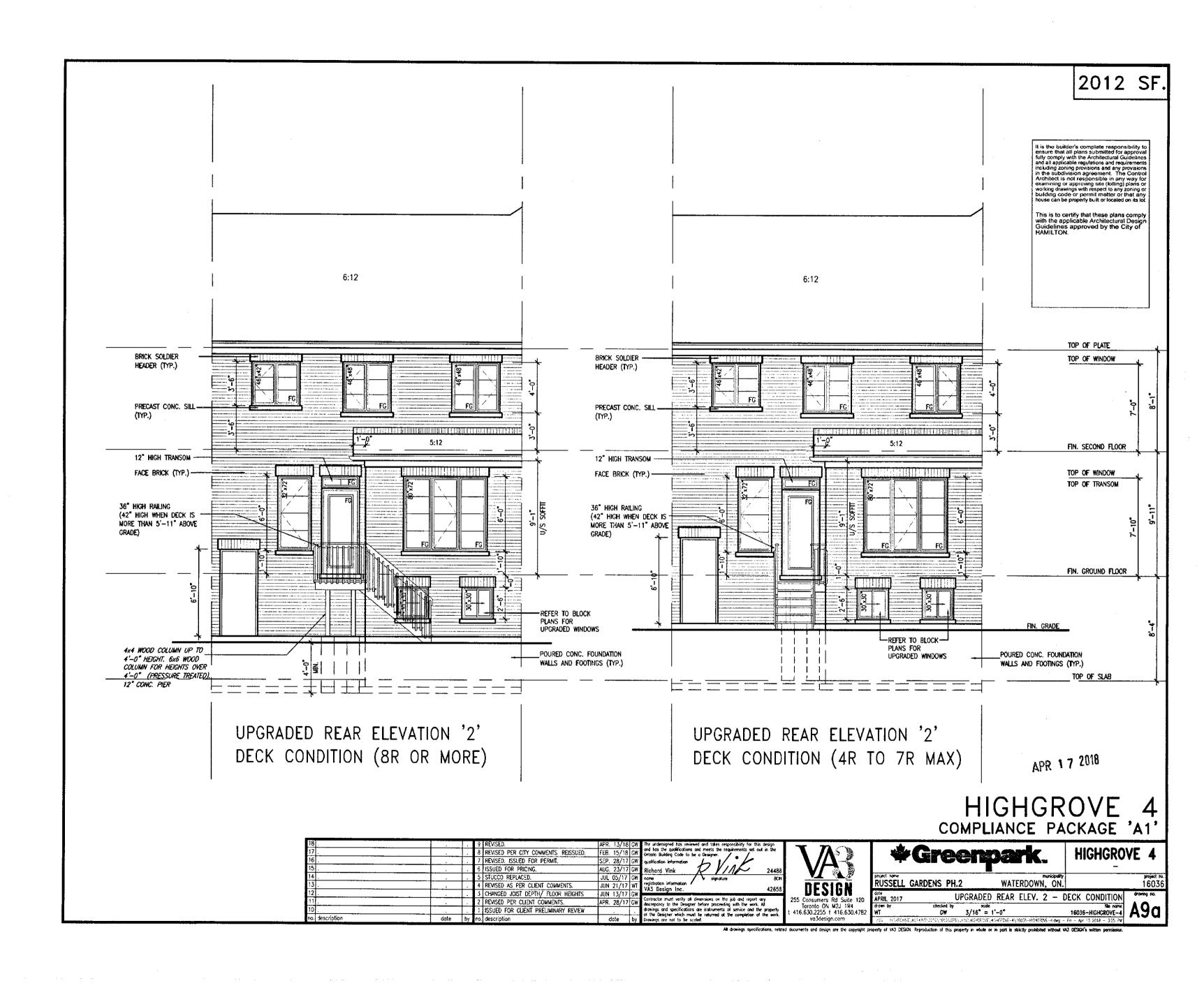


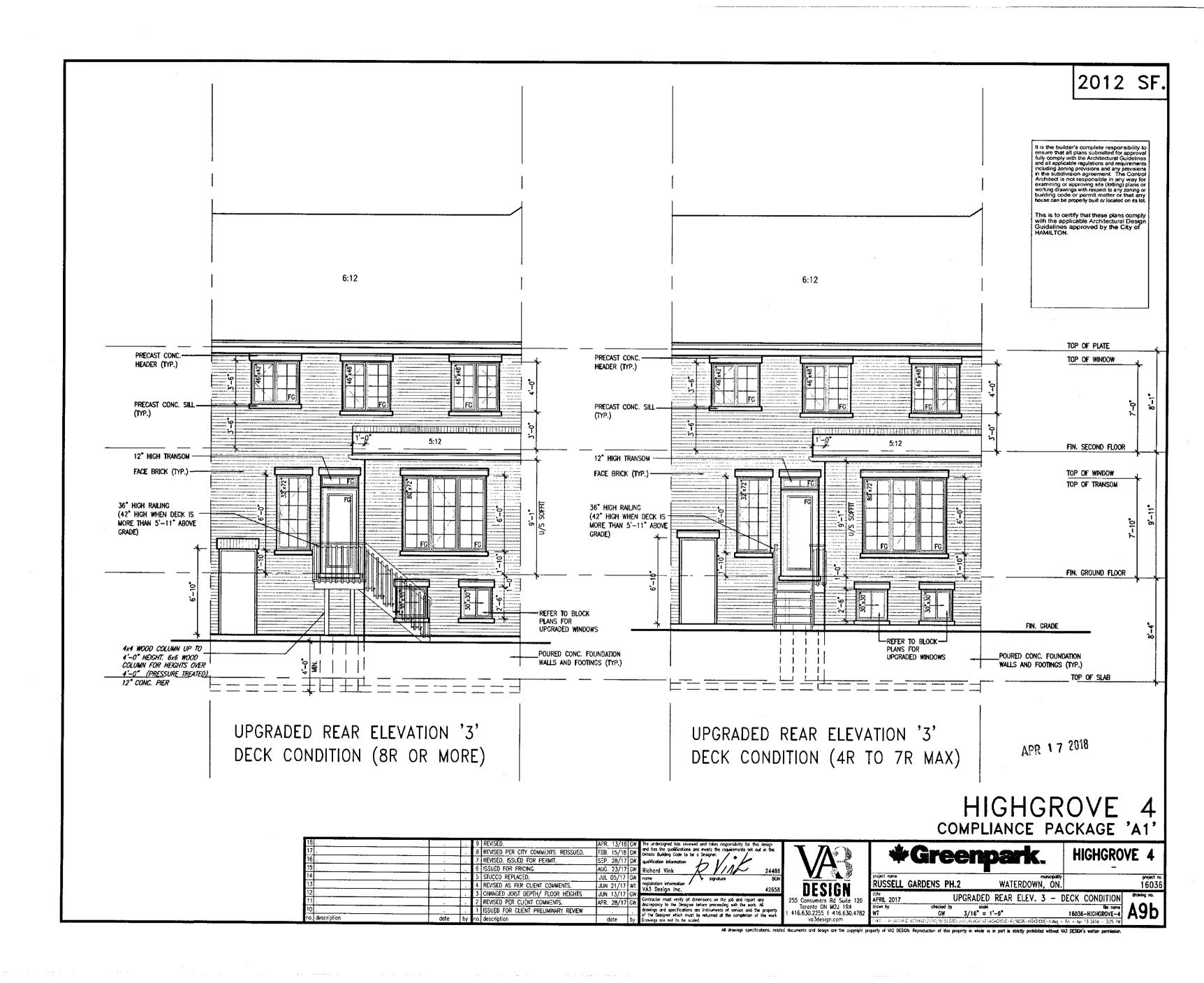






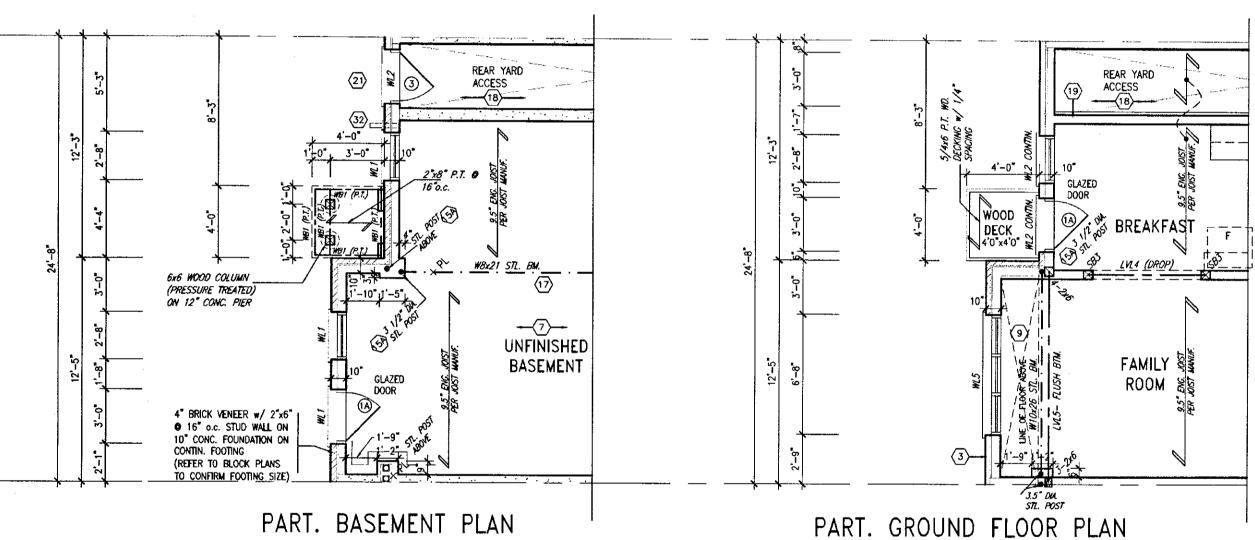






2012 SF

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



W.O.B CONDITION

WHEN VENEER CUT IS GREATER THAN 26", A 10" POURED CONCRETE FOUNDATION WALL IS MOTE: REFER TO STANDARD DRAWINGS FOR ADDITIONAL INFORMATION.

MARINKOVIC STRUDET INC.

W.O.B CONDITION

HIGHGROVE COMPLIANCE PACKAGE 'A1'

APR 1 7 2018

9 REVISED. 8 REVISED PER CITY COMMENTS. REISSUED. FEB. 15/18 G REVISED. ISSUED FOR PERMIT. SEP. 28/17 | AUG. 23/17 | S ISSUED FOR PRICING. JUL 05/17 (JUN 21/17 1 STUCCO REPLACED. name registration information VA3 Design Inc. 4 REVISED AS PER CLIENT COMMENTS. 42658 CHANGED JOIST DEPTH/ FLOOR HEIGHTS JUN 13/17 APR. 28/17 G REVISED PER CLIENT COMMENTS. ISSUED FOR CLIENT PRELIMINARY REVIEW date no. description

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

RUSSELL GARDENS PH.2

dote APRIL 2017 255 Consumers Rd Suite 120 APRIL Toronto ON M2J 1R4 drawn by t 416.630.2255 f 416.630.4782 WT va3design.com

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	Gre		PK.
•		 W	

HIGHGROVE 4

project no. 16036

WATERDOWN, ON. PARTIAL PLANS- WOB CONDITION 16036-HIGHGROVE-4 A10 thecked by scote

GW 3/16" = 1'-0"

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