FLEY '1'

NOS.	VR SCI	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" 1'-6"	**************************************	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	
CERAMIC TILE FOR CONVENTIONAL LUMBER					

# (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 ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE
1	REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALI
	ROOF FRAMING INFORMATION UNLESS OTHERWISE
	NOTED.

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

NOTE: ENGINEERED FLOOR FRAMING REFER TO ENGINEERED FLOOR FLAYOUTS FOR ALL ENGINEERED FLOOR FRAMING INFORMATION AND DETAILS. UNLESS OTHERWISE NOTED.
REFER TO ENGINEERED FLOOR FLAYOUTS FOR ALL
ENGINEERED FLOOR FRAMING INFORMATION AND
DETAILS, UNLESS OTHERWISE NOTED,

	TWO STOREY HEIGHT WALL DETAIL
SPAC	No" STUD WALL NAILED TOGETHER AND ED <b>©</b> 12°o.c. FULL HEIGHT, c/w SOLID ING <b>© 4°</b> -0° o.c. VERTICAL AND 7/16° EXT. PLYWOOD SHEATHING.
	<u> </u>
	12" 12" MAXIMUM HEIGHT OF WALL FOR THIS TAL IS 18'-0" AND MAX. SUPPORTED LENGTH OF TRUSS IS 40'-0"

HIGHGROVE 4 AND ELEV. 3	ENERGY E	ENERGY EFFICIENCY - OBC SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE		
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.¥3 S.M.	8.60 %		

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 - 08C 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

L. 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 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 %

8.578 %

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
	(186.92 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 m2)
AREA CALCULATIONS	FLEV '2'
GROUND FLOOR AREA	902 SF
SECOND FLOOR AREA	1108 SF

AREA CALCULATIONS

AREA CALCULATIONS	FLEV '2'
GROUND FLOOR AREA	902 SF
SECOND FLOOR AREA	1108 SF
TOTAL FLOOR AREA	2010 SF
	(186.73 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	2021 SF
	(187.75 m2)
GROUND FLOOR COVERAGE	902 SF
GARAGE COVERAGE/AREA	310 SF
PORCH COVERAGE/AREA	53 SF
COVERAGE W/ PORCH	1265 SF
1	(117.52 m2)
COVERAGE W/O PORCH	1213 SF
	(112.69 m2)

AREA CALCULATIONS	FLEV '3'
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

project no.

# **HIGHGROVE** COMPLIANCE PACKAGE 'A1'

ign the	
4488	V/ & >
BCIN	<u> </u>
2658	DESIGN
	255 Consumers Rd Suite 120 Toronto ON M2J 1R4

	pro
DESIGN 255 Consumers Rd Suite 120 Togotto ON 42.1 184	R da Ai

<b>*Green</b>
Project name RUSSELL GARDENS PH.2

HIGHGROVE 4

USSELL	GARDENS PH.2	WA	<u> IERDOWN, ON</u>	•		
RIL 2017			TYPICAL	NOTES	& AREAS	
iwn by T	checked by GW	3/16" = 1'-0"		16036-	file name HIGHGROVE-4	

STRIP FOOTINGS - FOR SINGLES & SEMIS UP TO 2 STOREYS 3" OR 10" FOUNDATION WALLS WITH 2"x8" / 2"x10" FLOOR JOISTS 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.

<u>footings on engineered fill</u> 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

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

PA	D	F	OC	Ш	NGS	_
120	KΡ	۵.	NA	ΙÆ	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  $\mathbf{F4} = 24^{"} \times 24^{"} \times 12^{"}$  CONCRETE PAD  $\mathbf{F4} = 28^{"} \times 28^{"} \times 12^{"}$  CONCRETE PAD  $F5 = 16" \times 16" \times 8"$  CONCRETE PAD  $F5 = 18" \times 18" \times 8"$  CONCRETE PAD

# VENEER CUT

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

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

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

## WOOD LINTELS AND BEAMS (WB)

=2-2"x8" (2-38x184) SPR. No.2 =3-2"x8" (3-38x184) SPR. No.2 WB2 WB2 = 3-2 x8 (3-38x184) SPK. No.2 WB3 = 2-2"x10" (2-38x235) SPR. No.2 WB4 = 3-2"x10" (3-38x235) SPR. No.2 WB5 = 2-2"x12" (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

LAMINATED VENFER LUMBER (LV)

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)

LVL5 =3-1 3/4"x9 1/2" (2-45x240)

LVL5A =4-1 3/4"x9 1/2" (3-45x240)

LVL6A =1-1 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)

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) 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" x 3-1/2" x 3/8"L (150x90x10.0L) L5 =6" x 4" x 3/8"L (150x100x10.0L) L6 =7" x 4" x 3/8"L (180x100x10.0L)

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.

SEP. 28/17 G

JUL 05/17 (

date b

The undersigned has reviewed and takes responsibility for this de and has the qualifications and moets the requirements set out in Ontario Building Code to be a Designer. AUG. 23/17 GV JUN 21/17 WI VA3 Dasign Inc. JUN 13/17 G APR. 28/17 GV APR. 12/17 GV

Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All Toronto ON M22 1R4 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.

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REVISED. ISSUED FOR PERMIT. ISSUED FOR PRICING.

REVISED AS PER CLIENT COMMENTS.

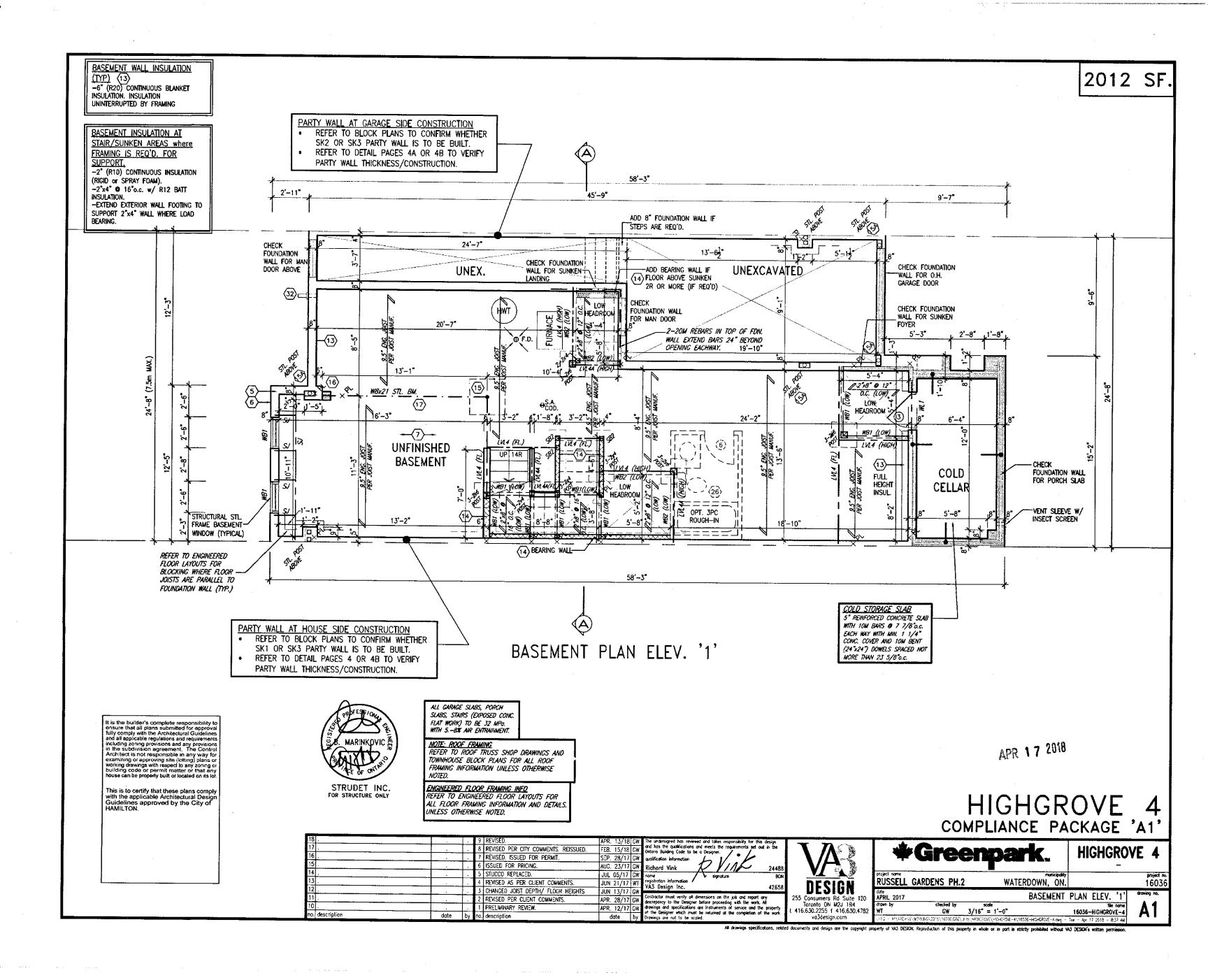
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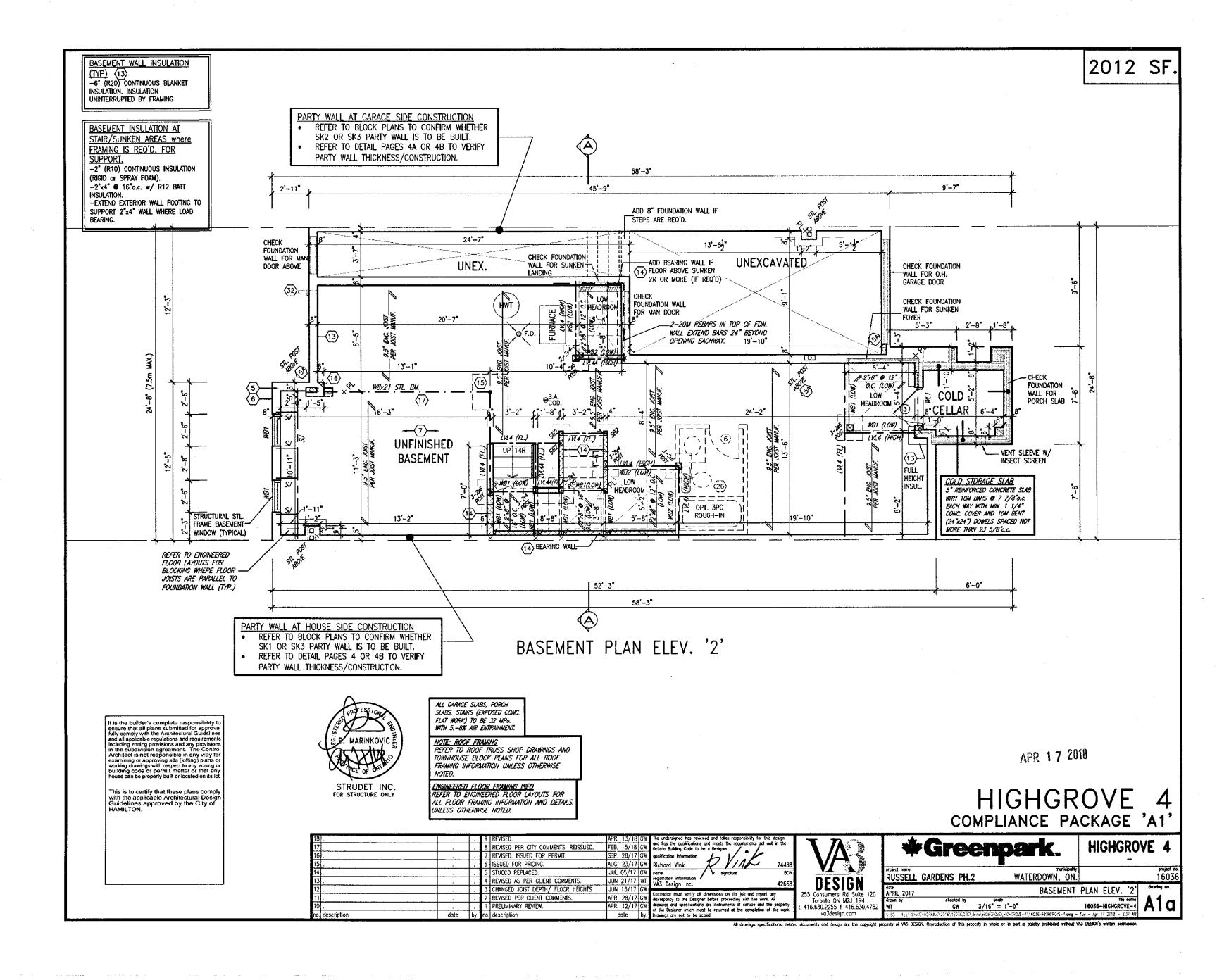
CHANGED JOIST DEPTH/ FLOOR HEIGHTS

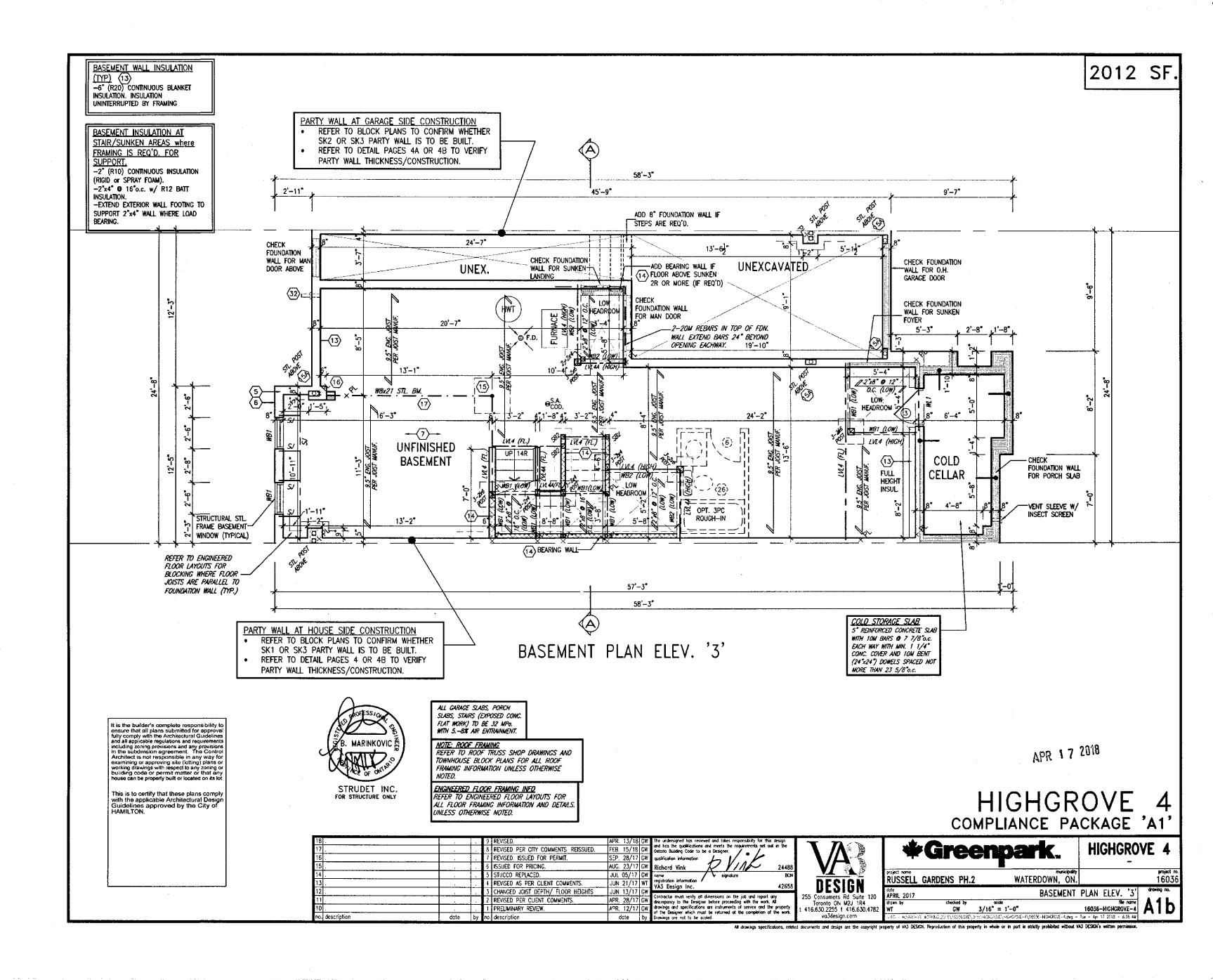
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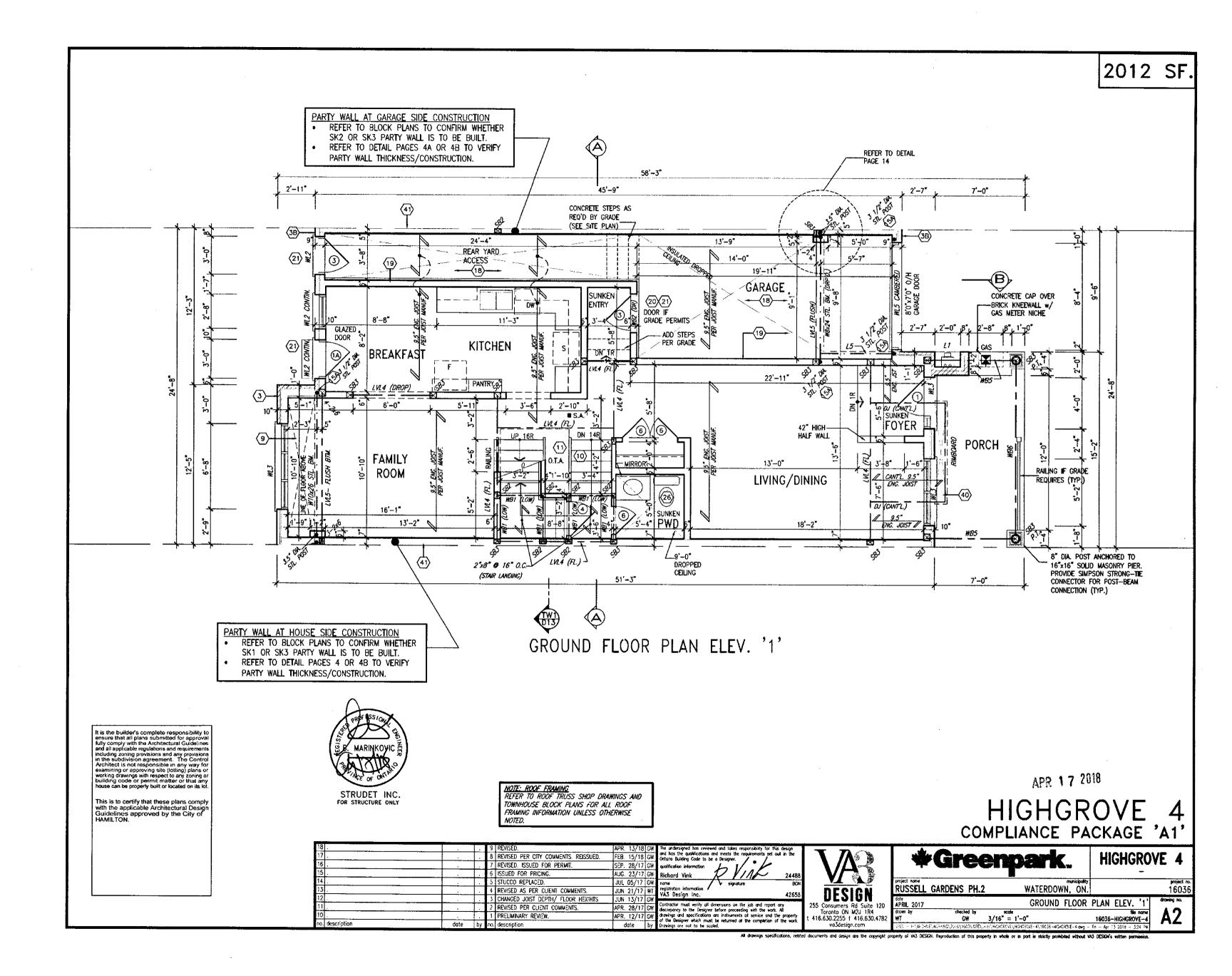
1 PRELIMINARY REVIEW.

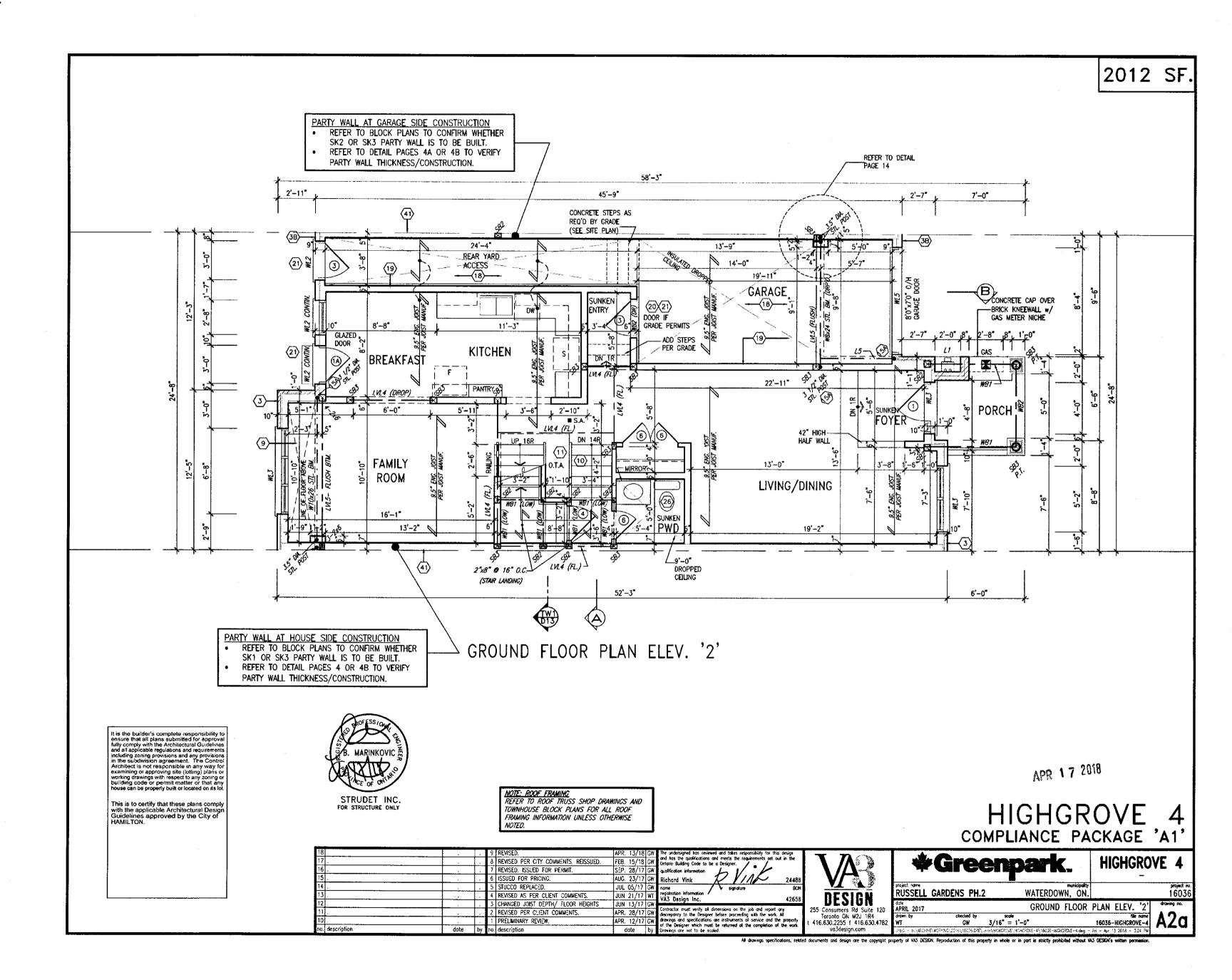
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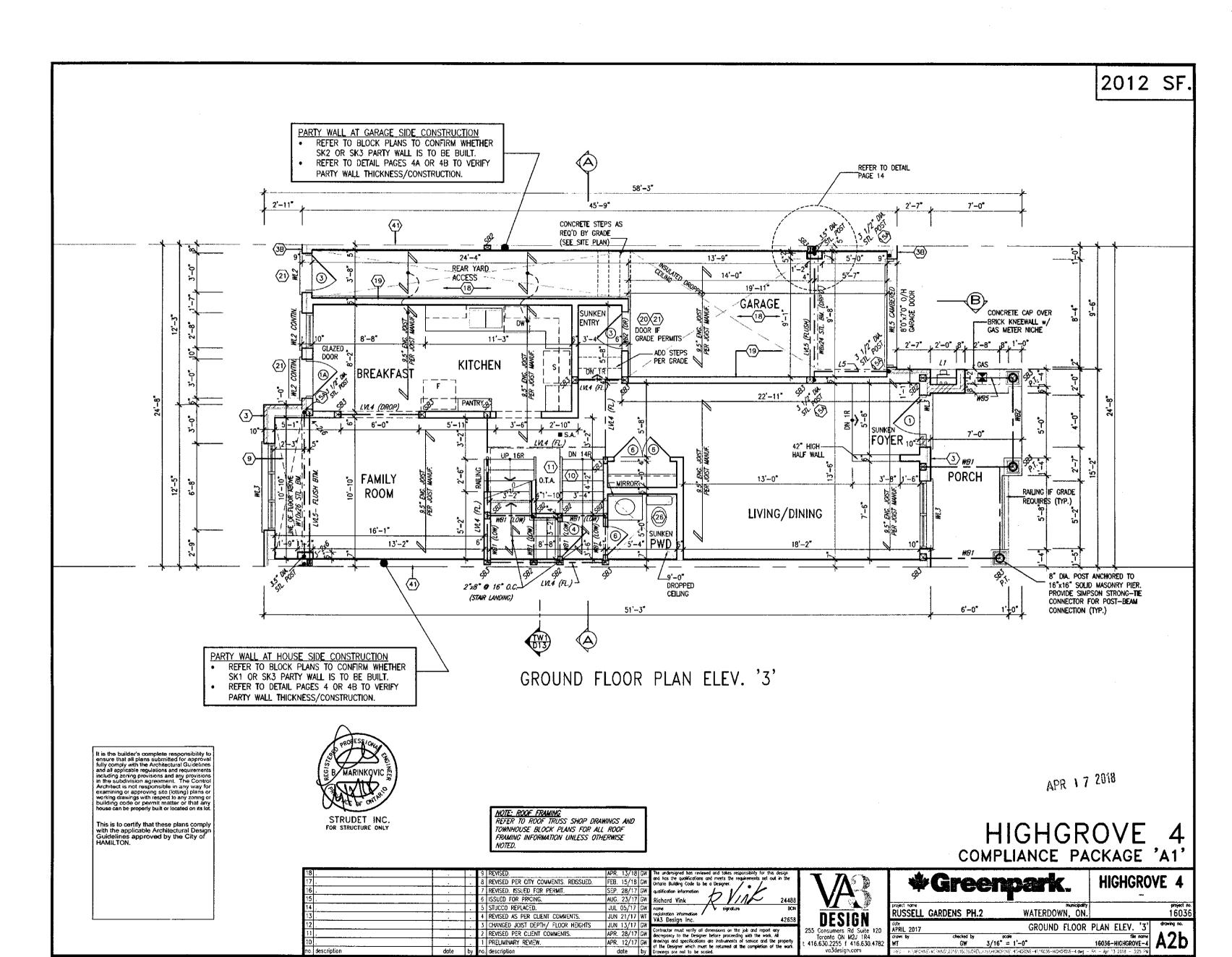




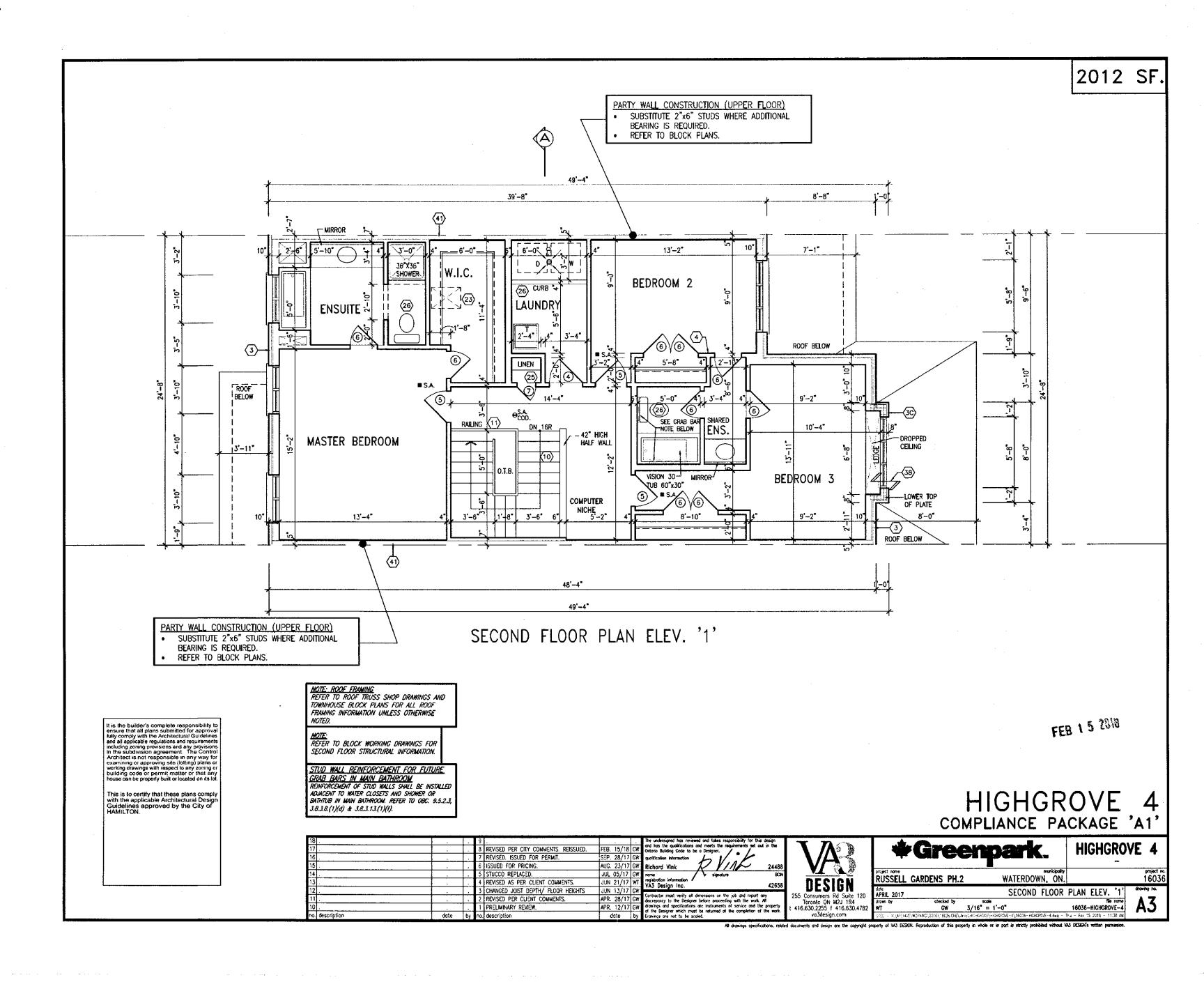


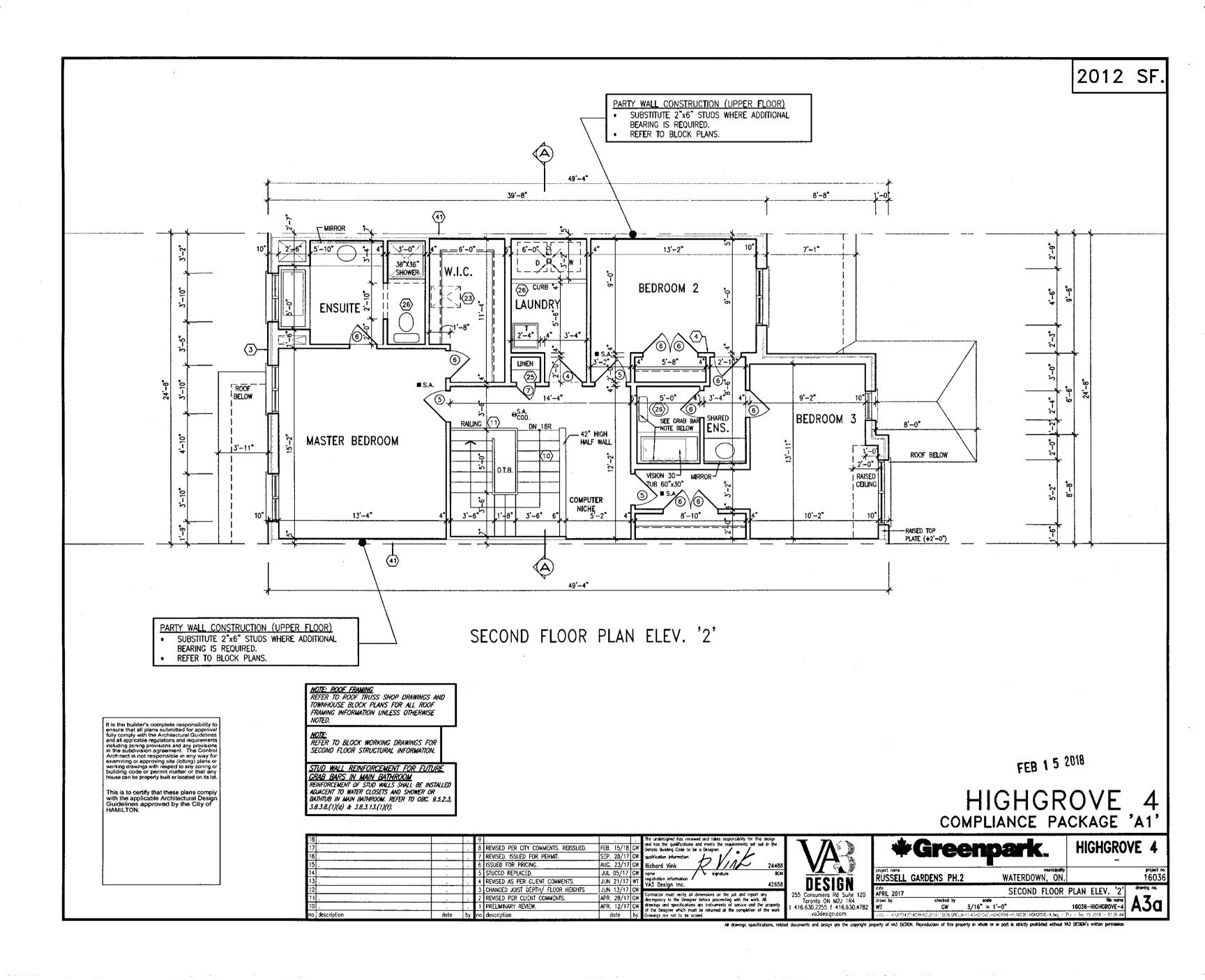


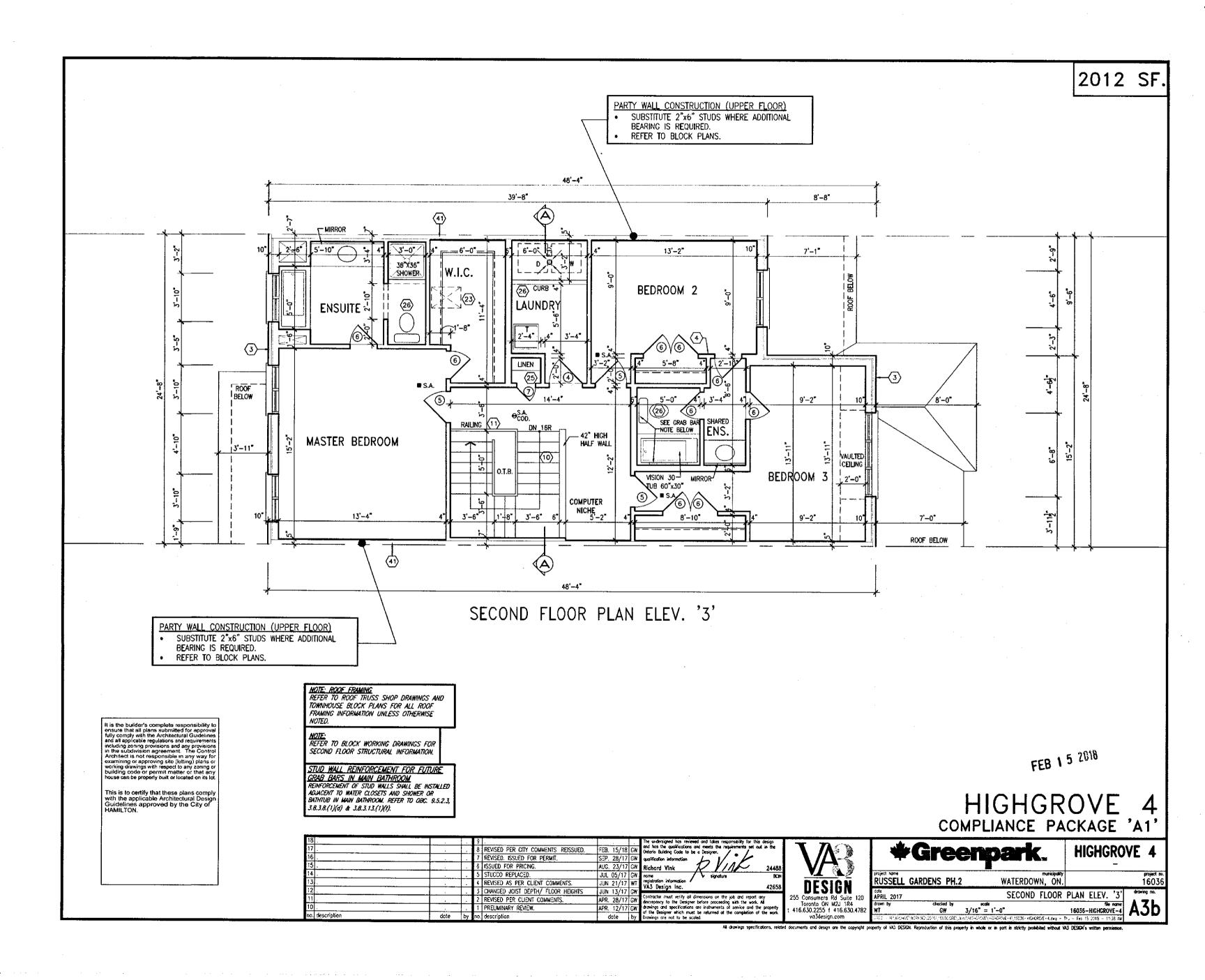


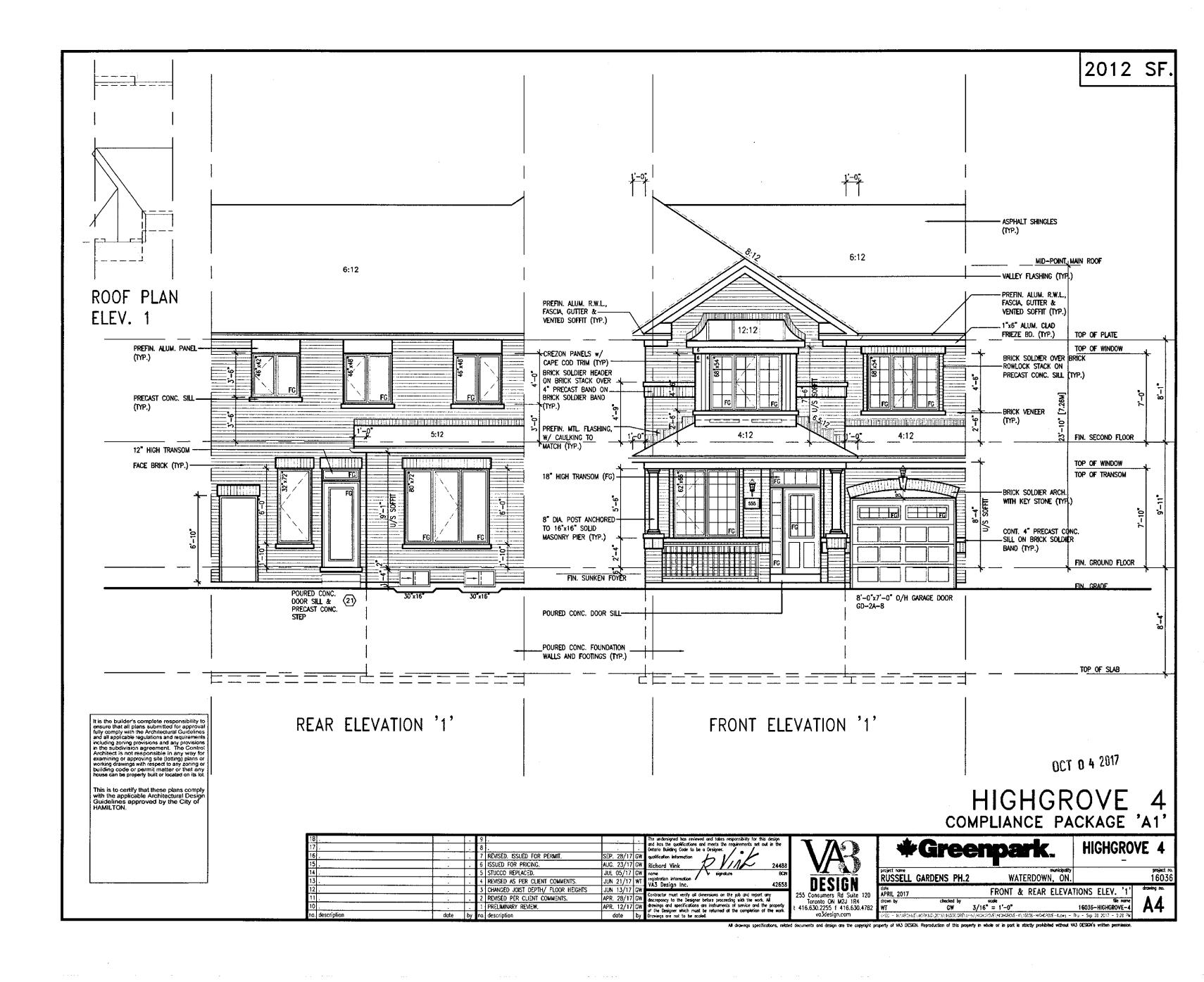


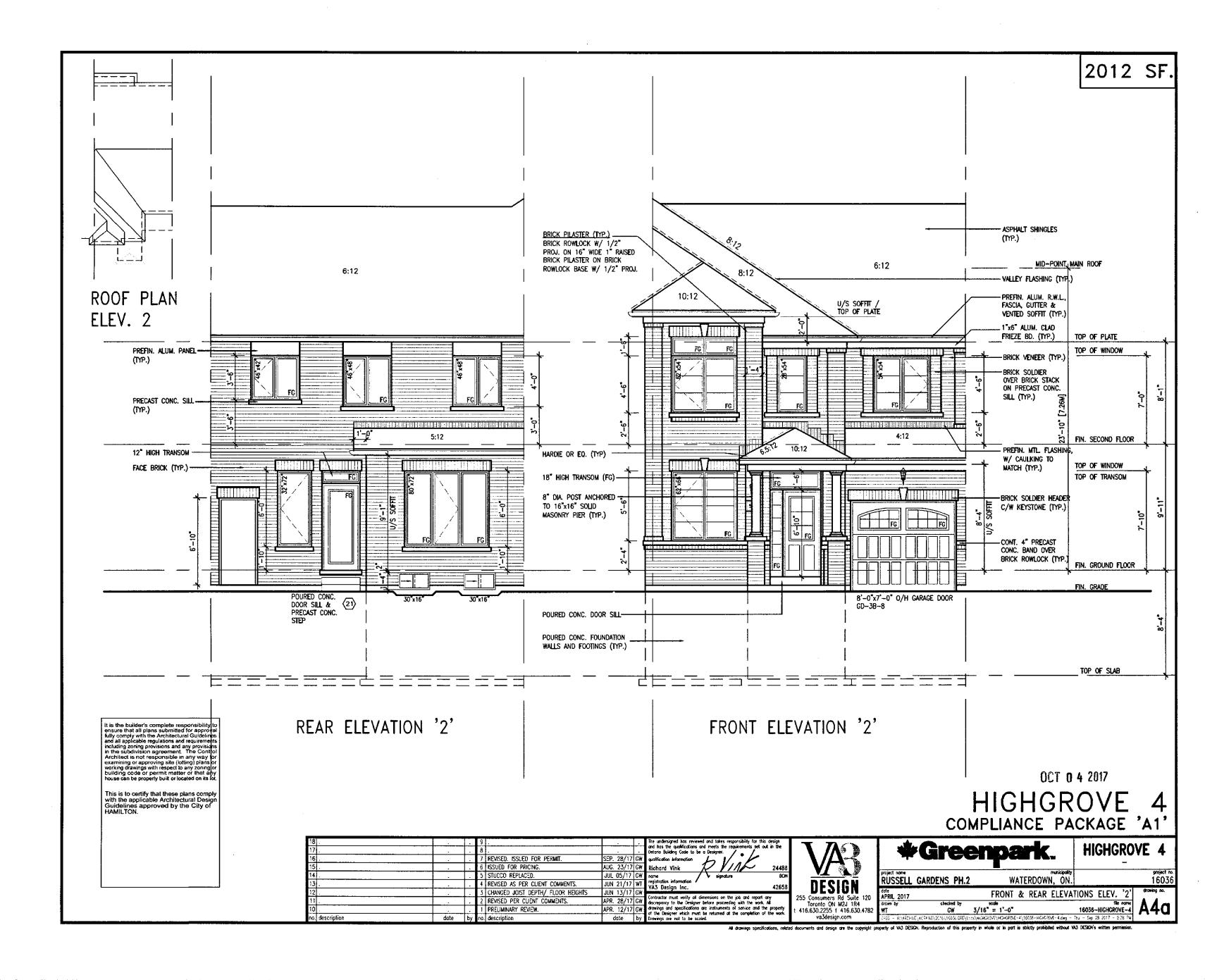
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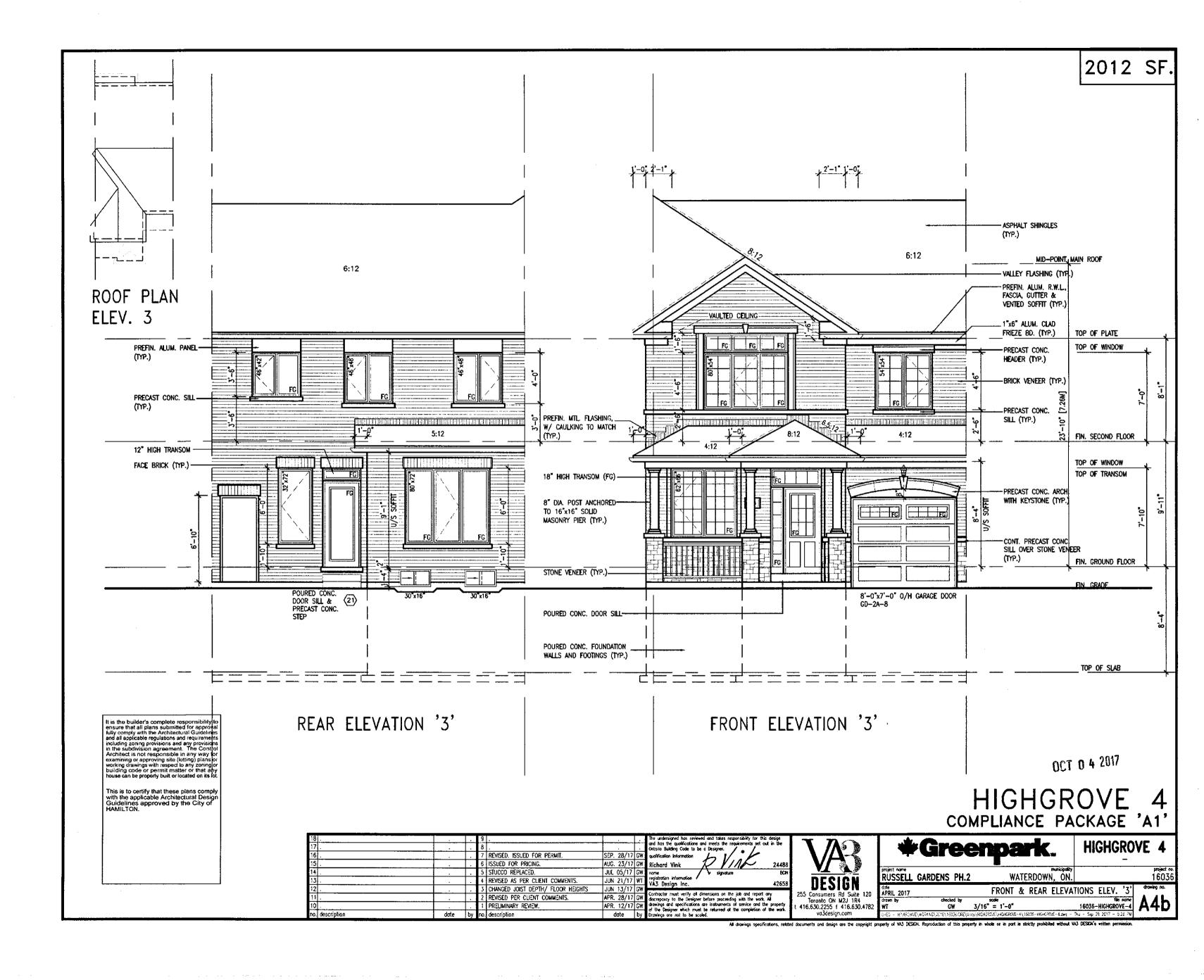


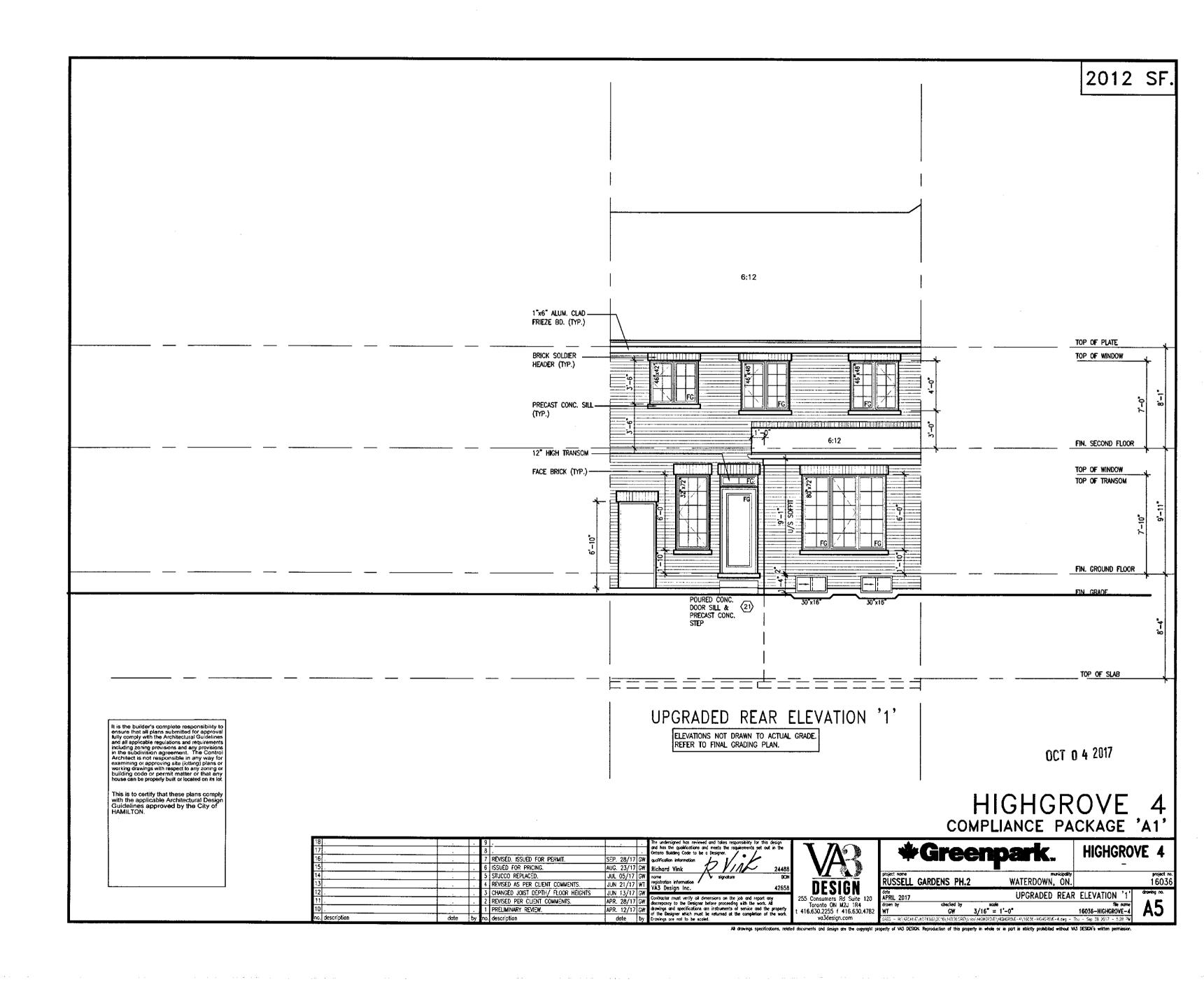


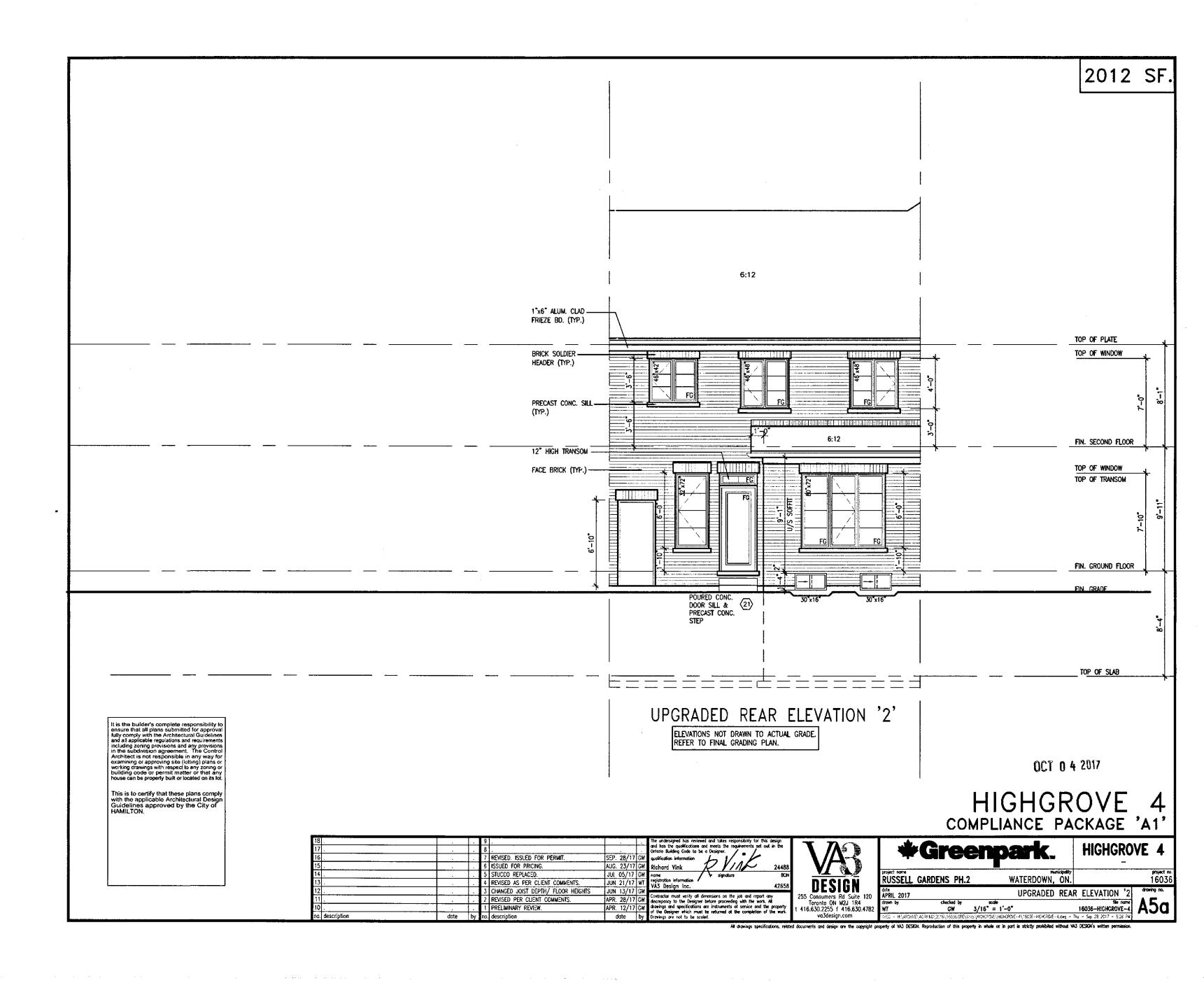


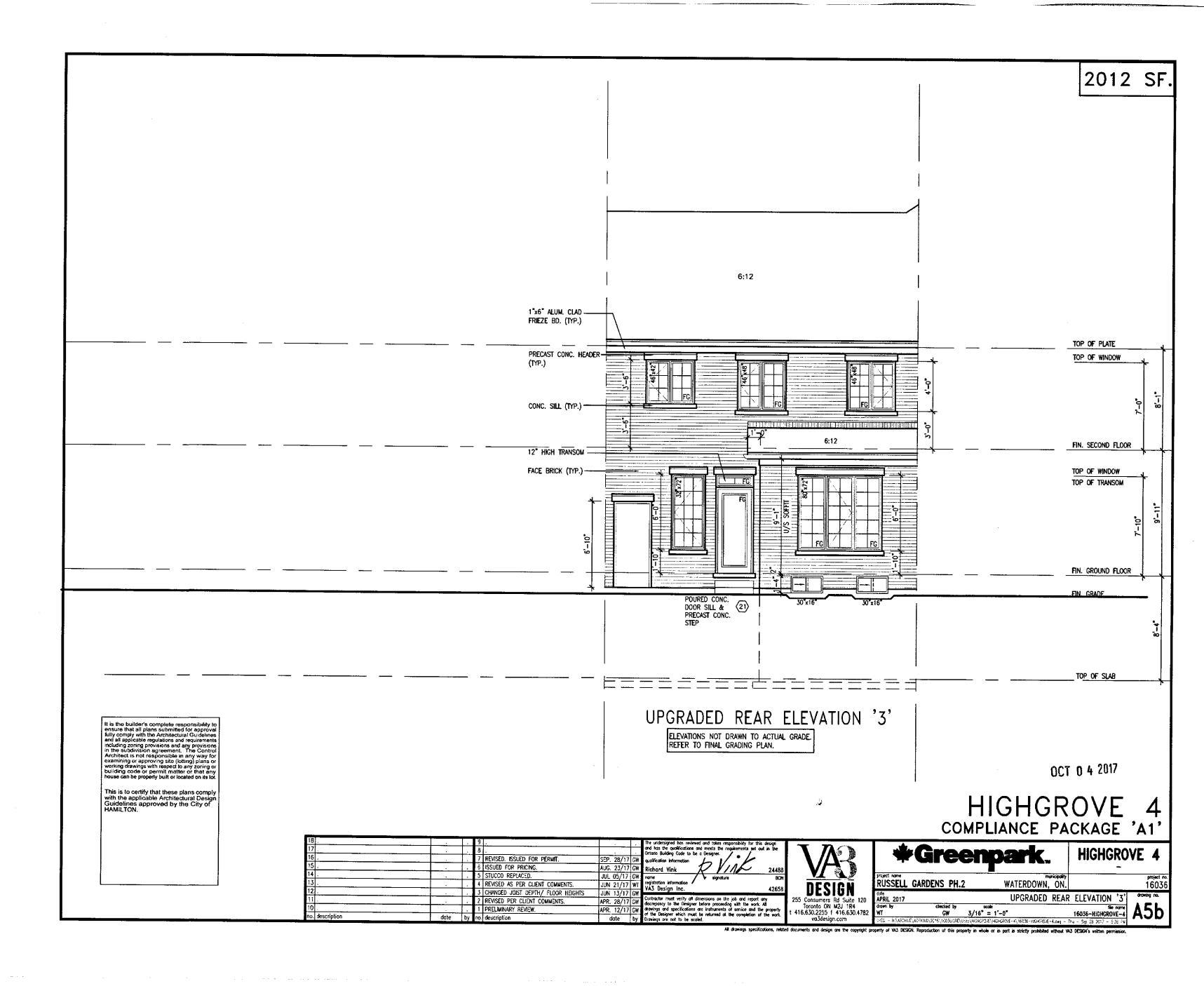


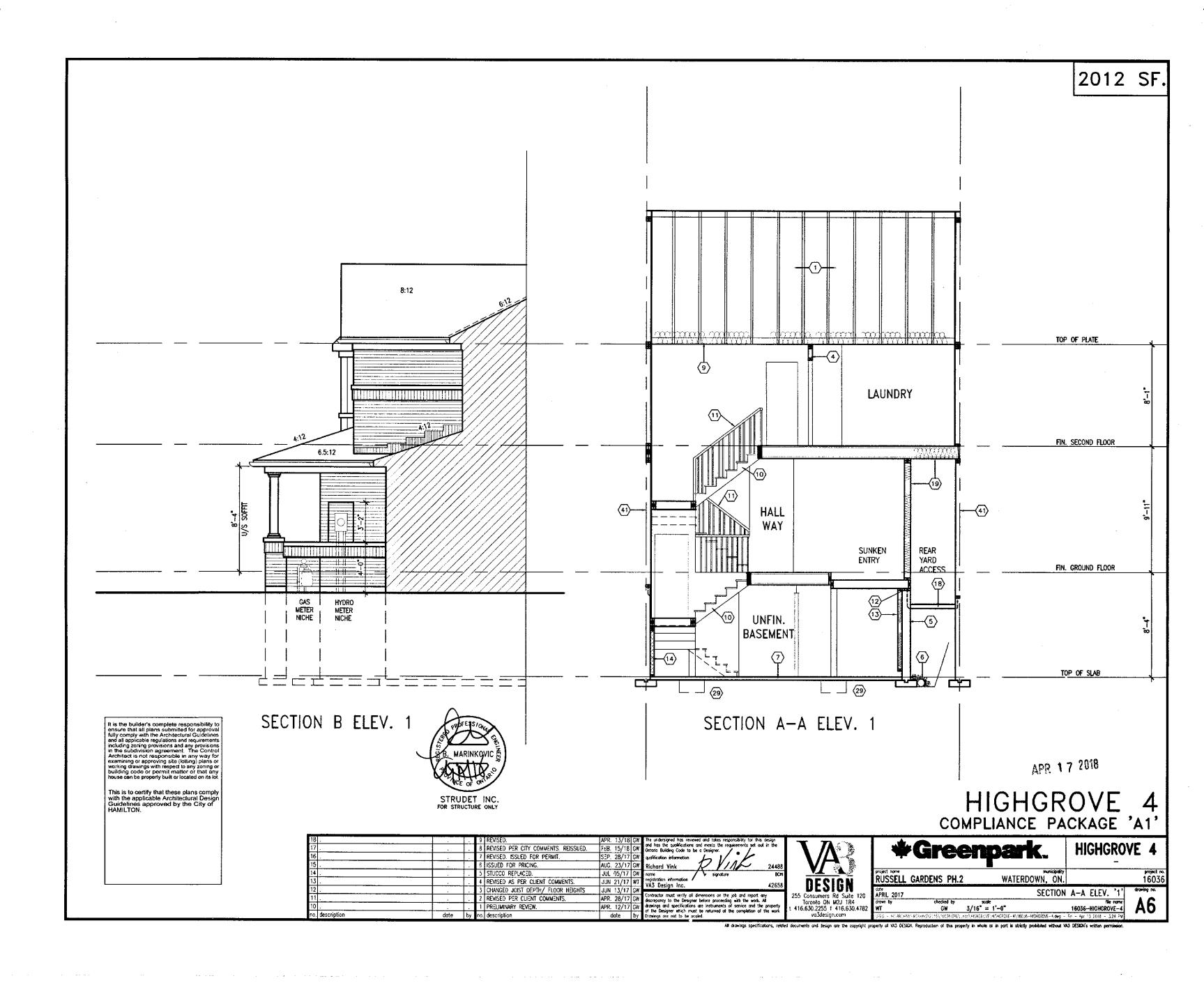


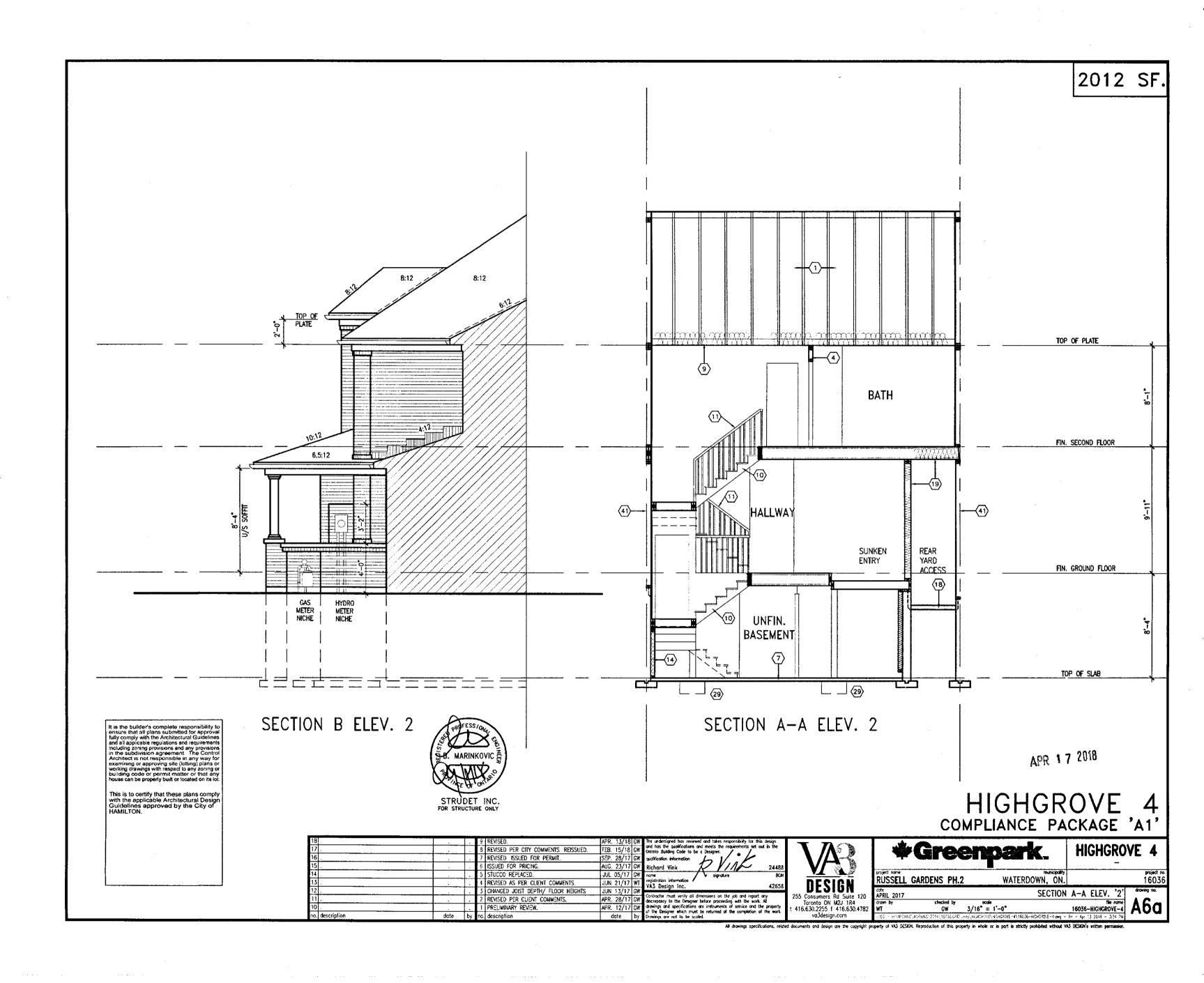


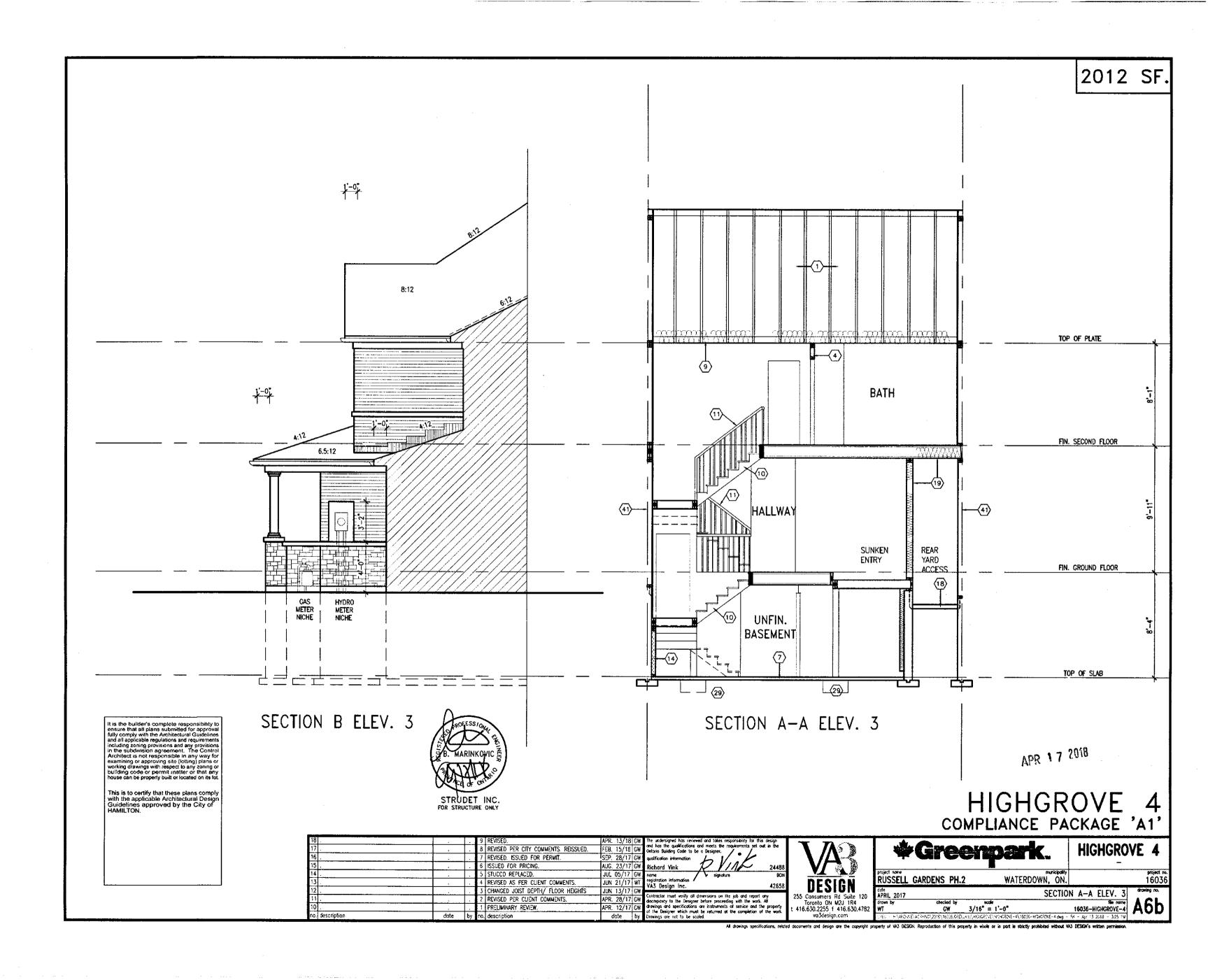


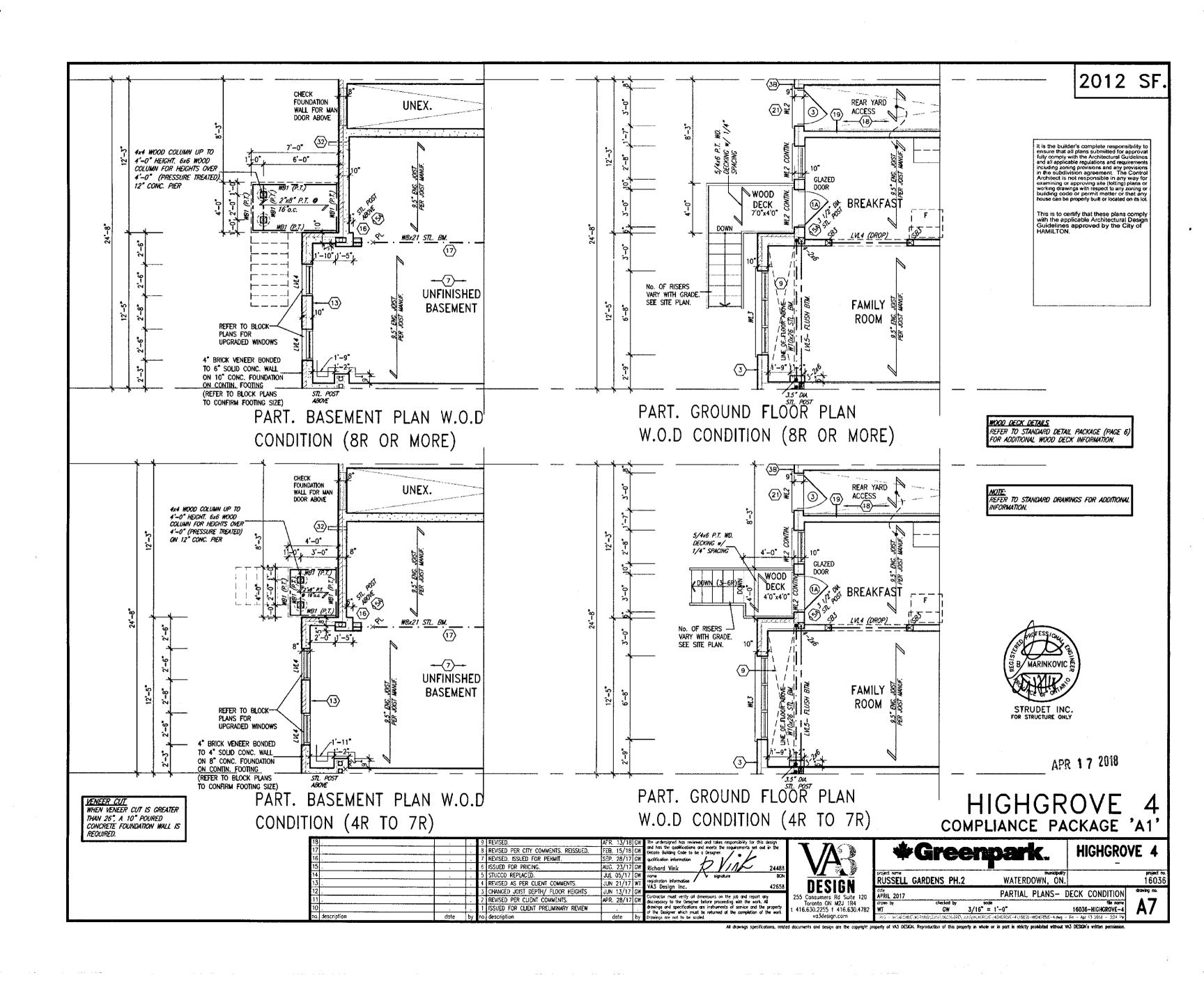


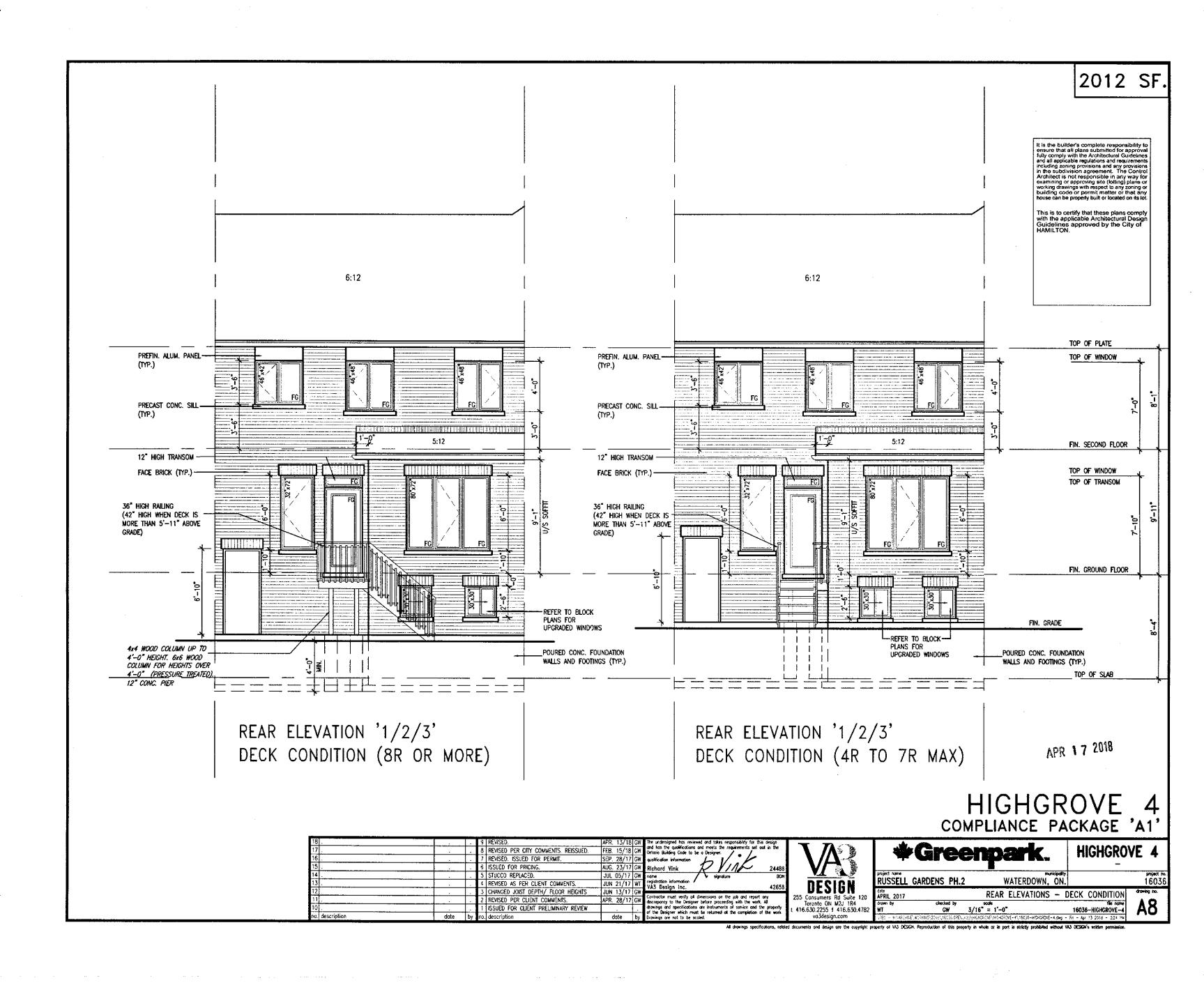


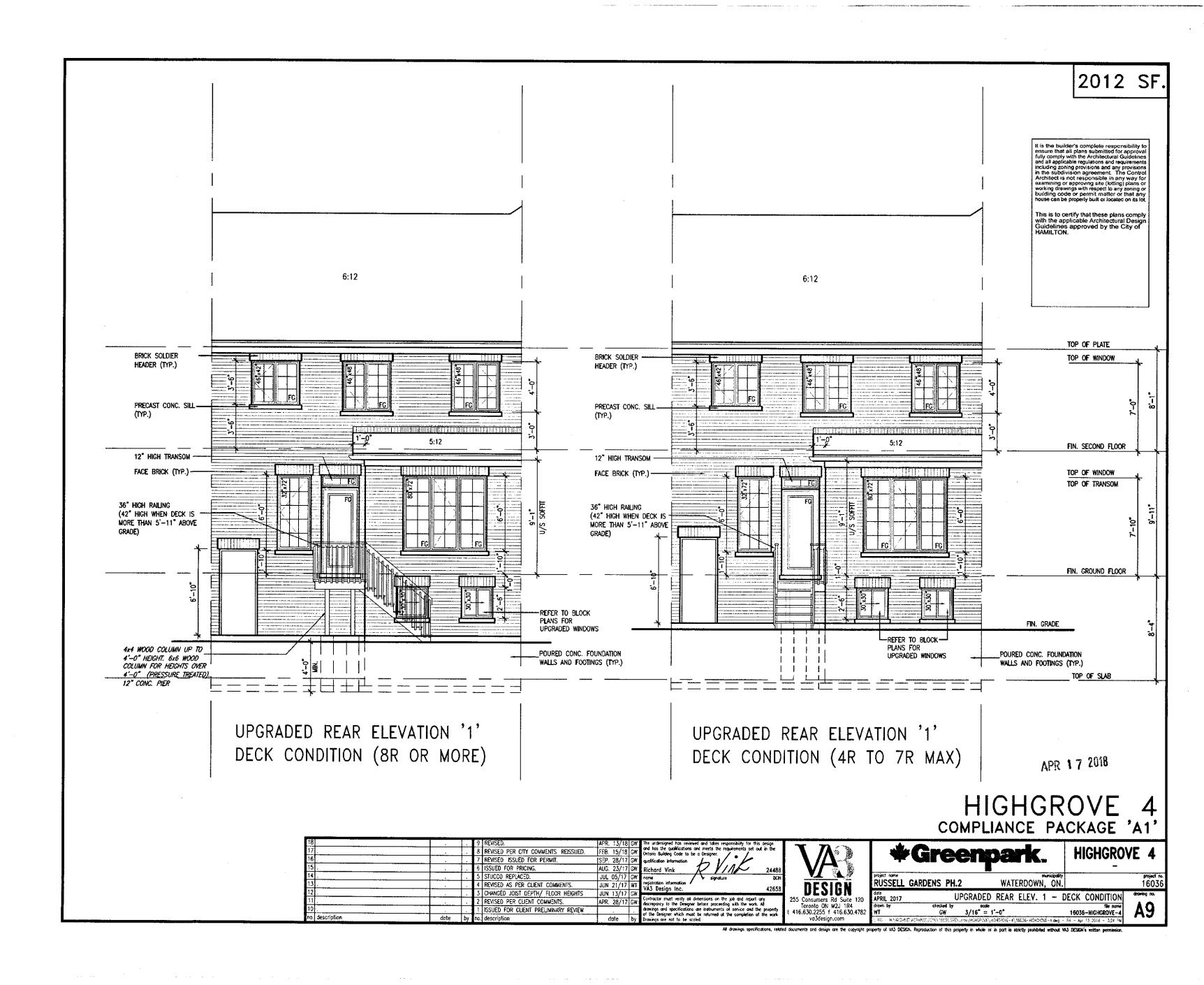


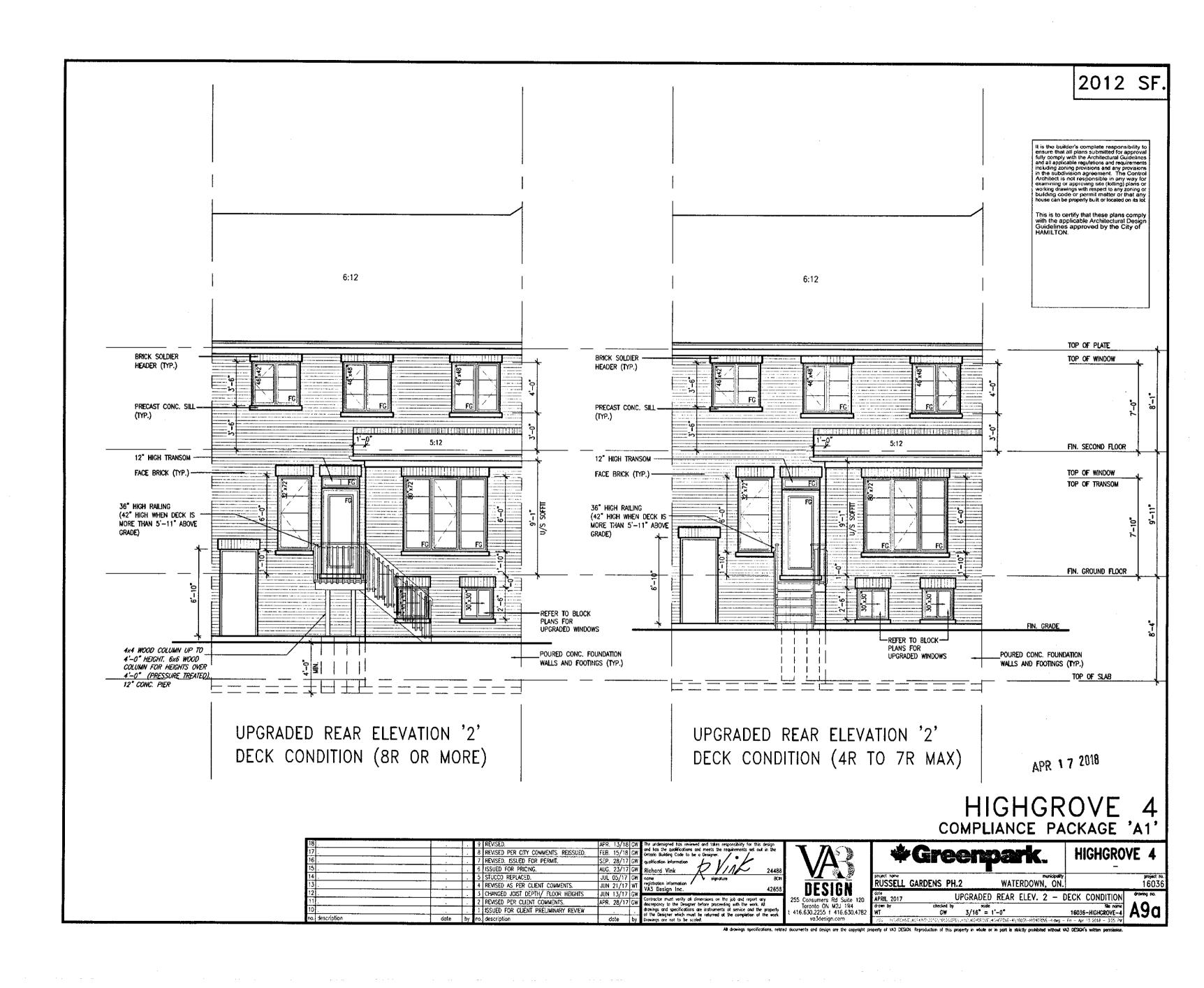


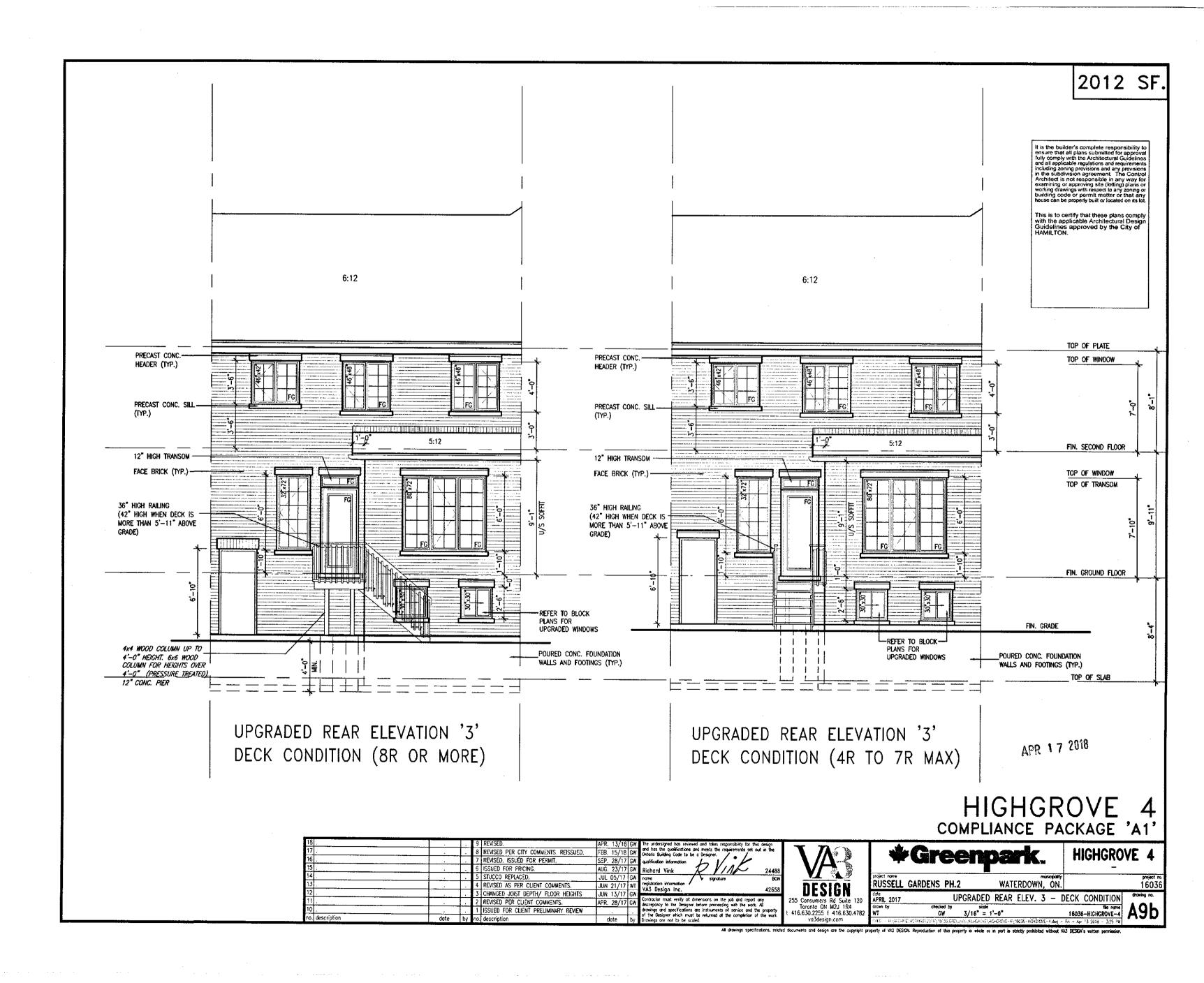






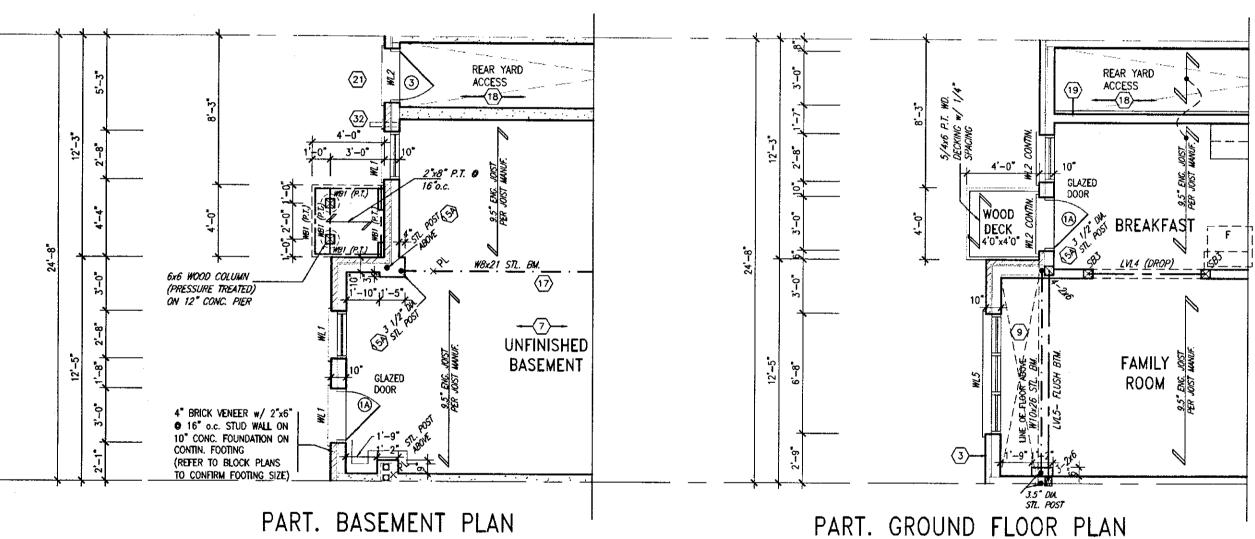






2012 SF

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



NOTE: REFER TO STANDARD DRAWINGS FOR ADDITIONAL INFORMATION.

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

W.O.B CONDITION



APR 1 7 2018

HIGHGROVE COMPLIANCE PACKAGE 'A1'

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

255 Consumers Rd Suite 120 APRIL Toronto ON M2J 1R4 drawn by t 416.630.2255 f 416.630,4782 WT

42658

HIGHGROVE 4

RUSSELL GARDENS PH.2 dote APRIL 2017 checked by scale

GW 3/16" = 1'-0"

WATERDOWN, ON. PARTIAL PLANS- WOB CONDITION

16036-HIGHGROVE-4 A10

project no. 16036

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WHEN VENEER CUT IS GREATER THAN 26", A 10" POURED CONCRETE FOUNDATION WALL IS W.O.B CONDITION

