STRIP FOOTINGS - FOR SINGLES & SEMIS UP TO 2 STOREYS $8^{"}$ 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. 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.

PAD FOOTINGS 120 KPa. NATIVE 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)

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

WOOD LINTELS AND BEAMS (WB)

WB1	=2-2"x8" (
WB2	=3-2"x8" (3-38x184)	SPR. 1	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"	$(4-38 \times 286)$	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"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)

L1	=3-1/2" x $3-1/2$ " x $1/4$ "L $(90x90x6.0L)$
	-4" v 7 1/2" v 5/16" (100v00v9 01)
L2	$=4" \times 3-1/2" \times 5/16"L (100×90×8.0L)$
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)
	¬" '" ¬''(¬")



STRUDET INC. FOR STRUCTURE ONLY

DO0	OR SCI	HEDULE	-	
NOS.	WIDTH	HEIGHT 8' to 9' CEILING	HEIGHT 10'OR MORE CEILING	TYPE
1 1a 2 3 4 5 6 7	2'-10" 2'-8" 2'-8" 2'-8" 2'-8" 2'-6" 2'-2" 1'-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

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 NOTED

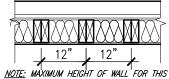
PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL APPROVED GRADING PLAN.

NOTE: ENGINEERED FLOOR FRAMING

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

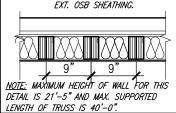
TWO STOREY HEIGHT WALL DETAIL

2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @ 12"o.c. FULL HEIGHT, c/w SOLID BLOCKING @ 4'-0" o.c. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



DETAIL IS 18'-0" AND MAX. SUPPORTED LENGTH OF TRUSS IS 40'-0". TWO STOREY HEIGHT

WALL DETAIL
2-1 1/2"x 5 1/2" TIMBERSTRAND (LSL) 1.5E
STUD WALL GLUED & NAILED TOGETHER AND SPACED MAX. @ 9"o.c. FULL HEIGHT, c/w SOLIL BLOCKING @ 8'-0" o.c. VERTICAL AND 7/16" EXT. OSB SHEATHING.

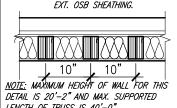


It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible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

TWO STOREY HEIGHT <u>WALL DETAIL</u>

2-1 1/2"x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED & NAILED TOGETHER AND PACED MAX. @ 10"o.c. FULL HEIGHT, c/w SOLI BLOCKING @ 8'-0" o.c. VERTICAL AND 7/16"



THE MINIMUM THERMAL PERFORMANCE OF SHALL CONFORM TO THE FOLLOWING:	BUILDING ENVELOPE AND EQUIPMENT
ENERGY STAR V-17	JANUARY 2019
COMPONENT	NOTE
CEILING WITH ATTIC SPACE MINIMUM RSI (R) VALUE	10.56 (R60)
CEILING WITHOUT ATTIC SPACE MINIMUM RSI (R) VALUE	5.46 (R31)
EXPOSED FLOOR MINIMUM RSI (R) VALUE	5.46 (R31)
WALLS ABOVE GRADE MINIMUM RSI (R) VALUE	4.75 (R22+R5)
BASEMENT WALLS MINIMUM RSI (R) VALUE	3.52 (R20 BLANKET)
EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (R10)
SLAB ≤ 600mm BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (R10)
WINDOWS & SLIDING GLASS DOORS MAXIMUM U-VALUE	ENERGY STAR ® ZONE 2 (ER 29/UV 1.4)
SPACE HEATING EQUIPMENT MINIMUM AFUE	96% AFUE
GAS FIREPLACE	ELECTRONIC SPARK IGNITION
HRV MINIMUM EFFICIENCY	75% SRE ENERGY STAR ® HRV TO BE INTERCONNECTED TO THE FURNACE FAN. MUST BE BALANCED INDICATING ON HIGH SPEED FRESH/STALE
HOT WATER TANK	CONDENSING HOT WATER TANK 90% TE ENVIROSENCE
DRAIN WATER HEAT RECOVERY	TWO SHOWERS > 42%
AIR TIGHTNESS MUST MEET MINIMUM	DETACHED LEVEL 1 (2.5 ACH/0.18 NLR) ATTACHED LEVEL 1 (3.0 ACH/0.26 NLR)
DUCT SEALING	ALL SUPPLY DUCTS & 1m OF RETURN DUCTS
LIGHTS	75% CFLs OR LEDs

JAN 31/19

AUG. 30/1

AUG. 14/17

STOM PER PURCHASER REQUEST

F-STAR UPDATED.

ISSUED FOR PERMI

REV. PER CLIENT COMMENTS REVISED AS PER CLIENT COMMENTS

ISSUED FOR CLIENT REVIEW.

UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))				
BRENTWOOD 2-019, ELEV. 2	ENERGY EFFICIENCY - ENERGY STAR			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTA	4GE
FRONT	666.27 S.F.	137.55 S.F.	20.64	%
LEFT SIDE	1102.50 S.F.	66.38 S.F.	6.02	%
RIGHT SIDE	1102.50 S.F.	0.0 S.F.	0.00	%
REAR	626.50 S.F.	151.01 S.F.	24.10	%
* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION		0.0 S.F.		
TOTAL SQ. FT.	3497.77 S.F.	354.94 S.F.	10.15	%
TOTAL SQ. M.	324.95 S.M.	32.97 S.M.	10.15	%

<u>ELEV '2'</u>
1251 SF 1542 SF
2793 SF (259.48 m2)
XX SF 17 SF
+17 SF +XX SF
2810 SF (261.06 m2)
1256 SF 406 SF 73 SF
1735 SF (161.19 m2)
1662 SF

TOWN OF EAST GWILLIMBURY

BUILDING STANDARDS BRANCH

THIS PERMIT APPLICATION HAS BEEN REVIEWED FOR COMPLIANCE WITH THE ZONING BY-LAW 2018-043, AS AMENDED

FOR	Model Review
BY	cfoster
DATE	21/01/2021



Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



BRENTWOOD 2

14034

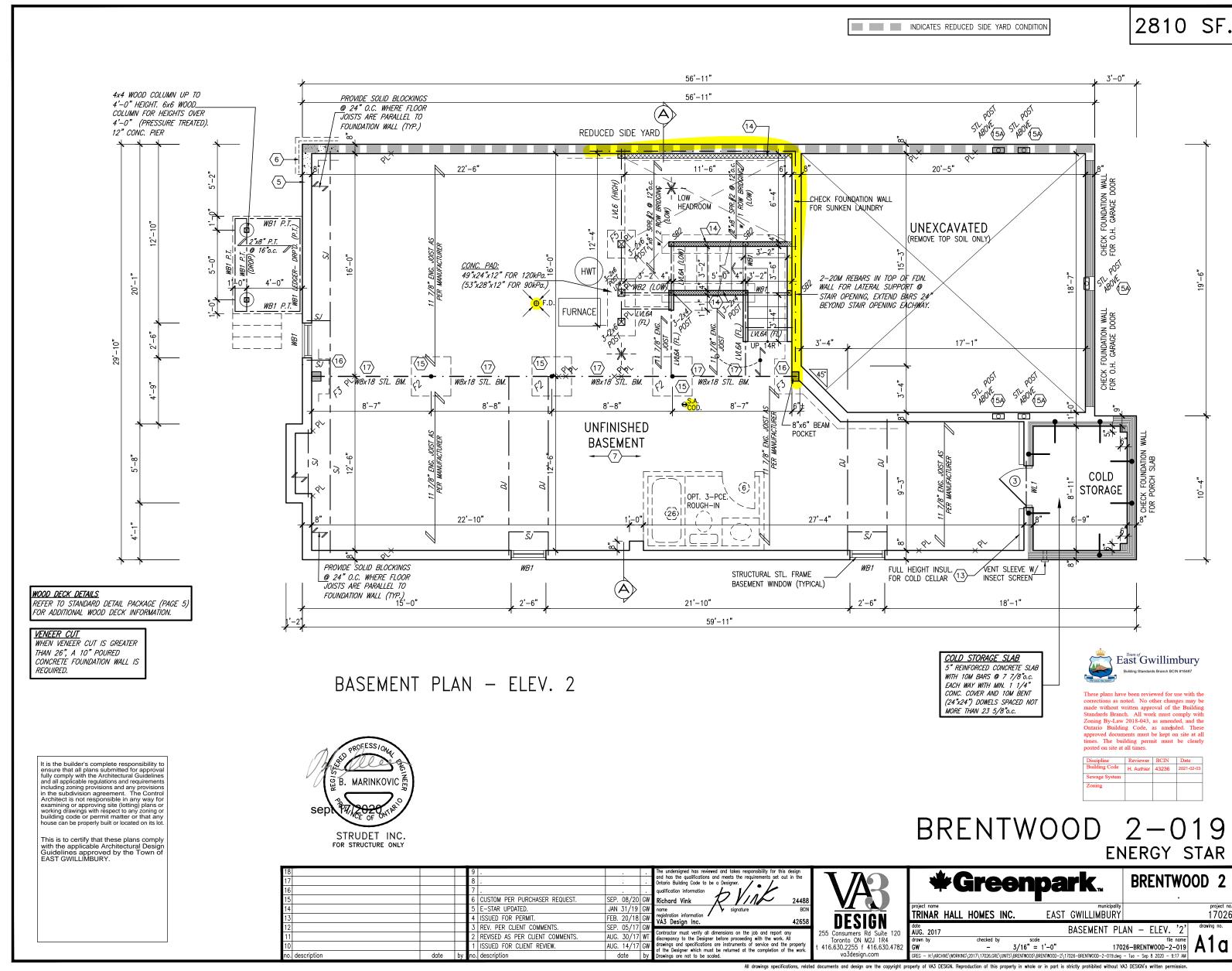
W Architect Inc. **DESIGN CONTROL REVIEW** DEC. 04, 2020

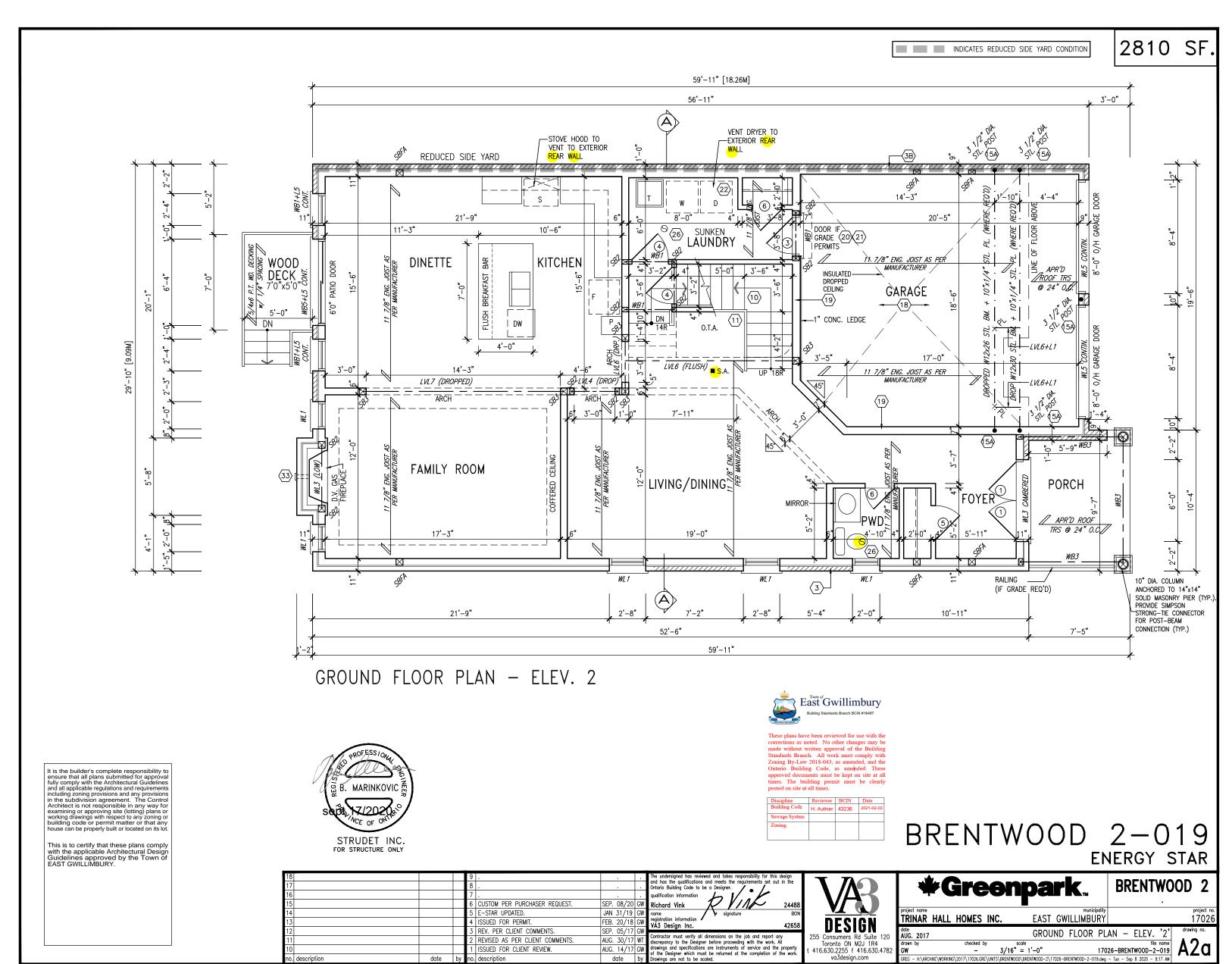
BRENTWOOD 2-019 **ENERGY STAR**

416 630 2255 f 416 630 4783

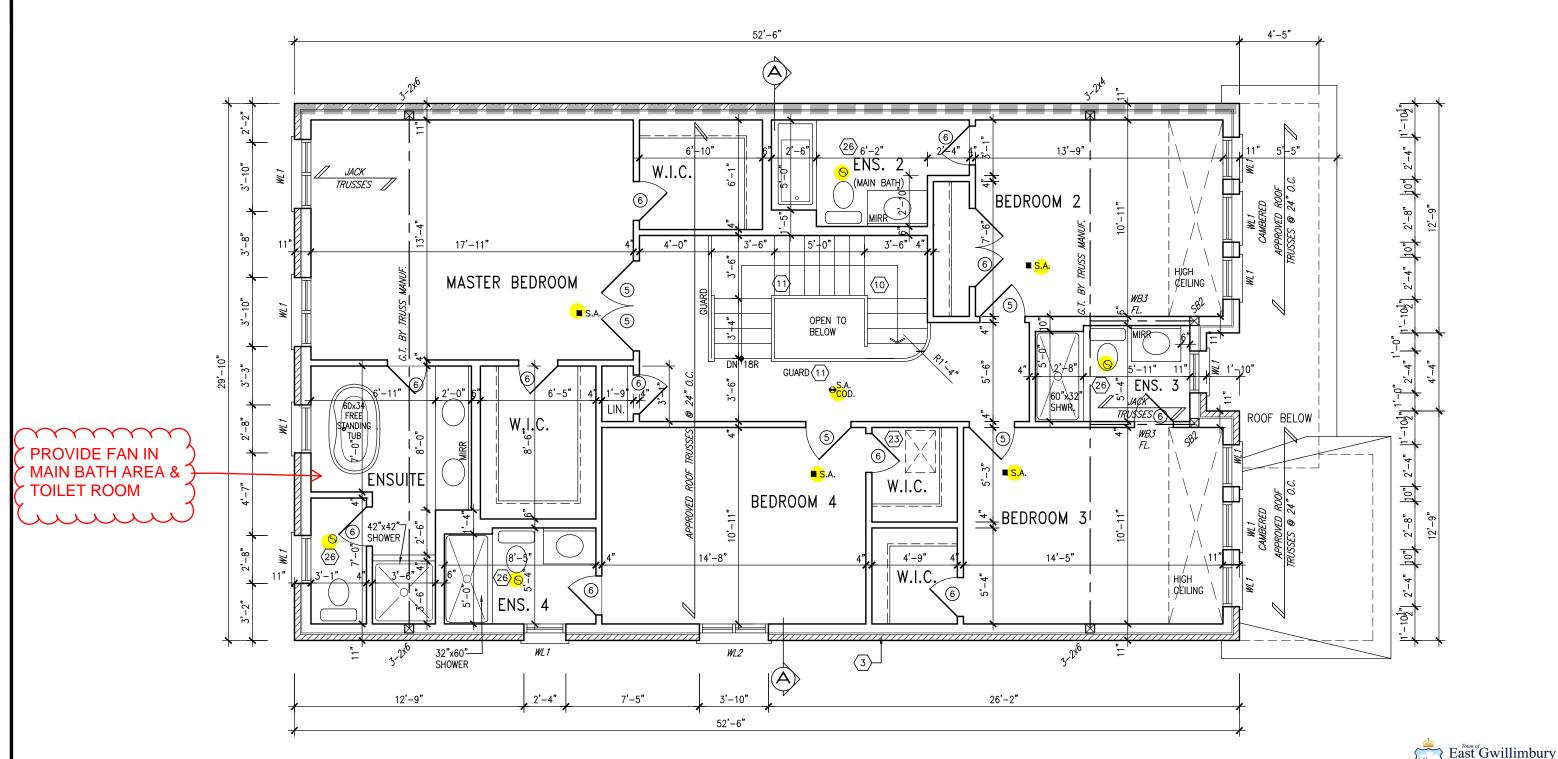
Greenpark.

NAR	HALL	HOMES	INC.	EAST	GWILLIMBU				
2017					GENERAL	Cŀ	HARTS	&	NOTES
by		checked b	ру	scale					file name
		_	3	/16" = 1'-0"		170	26-BREN	TWO	DD-2-019









SECOND FLOOR PLAN - ELEV. 2

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f).

🖁 B. MARINKOVIC 🖟 STRUDET INC. FOR STRUCTURE ONLY

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of EAST GWILLIMBURY.

BRENTWOOD 2-019

***Greenpark**...

BRENTWOOD 2

ENERGY STAR

17026

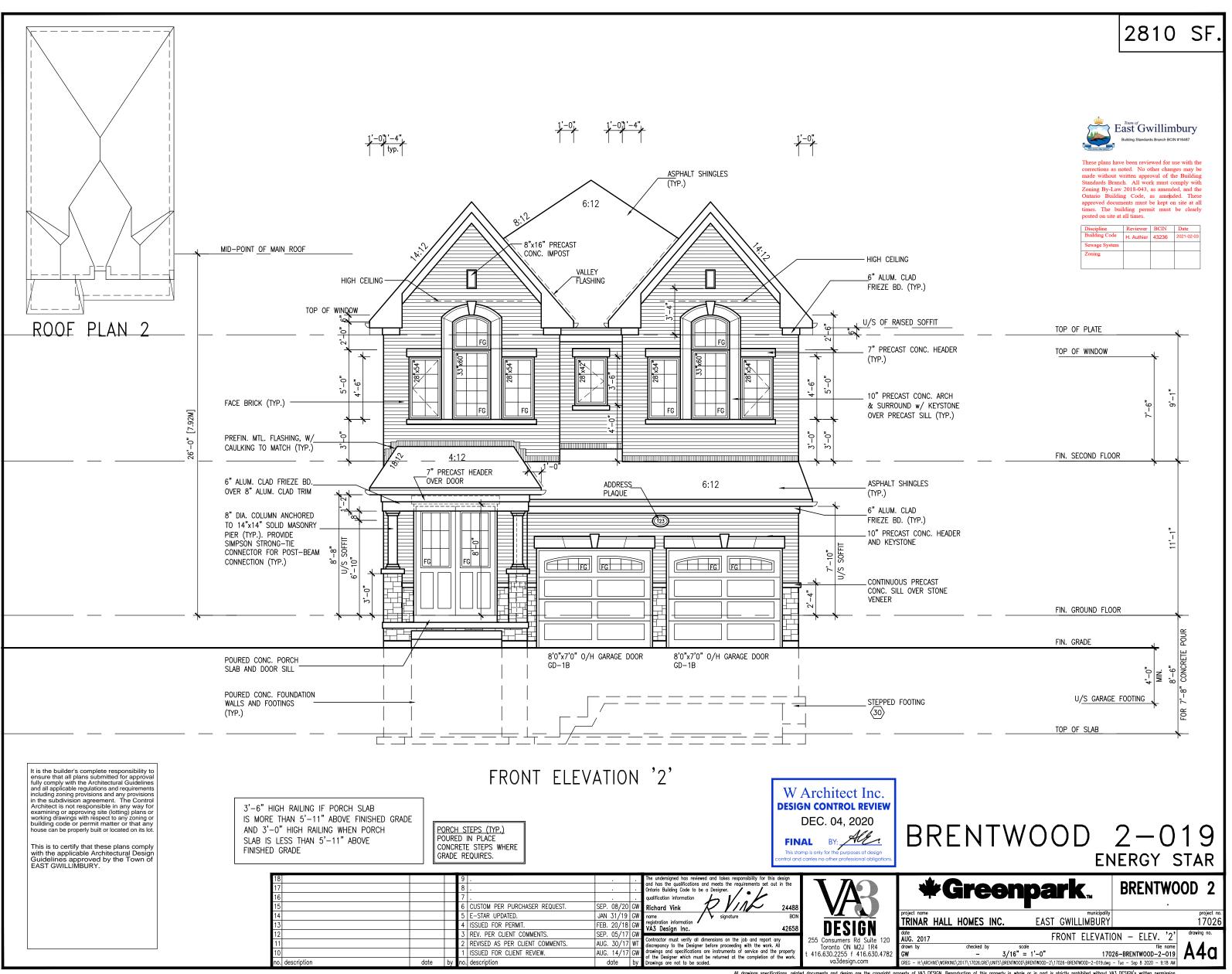
 Discipline
 Reviewer
 BCIN
 Date

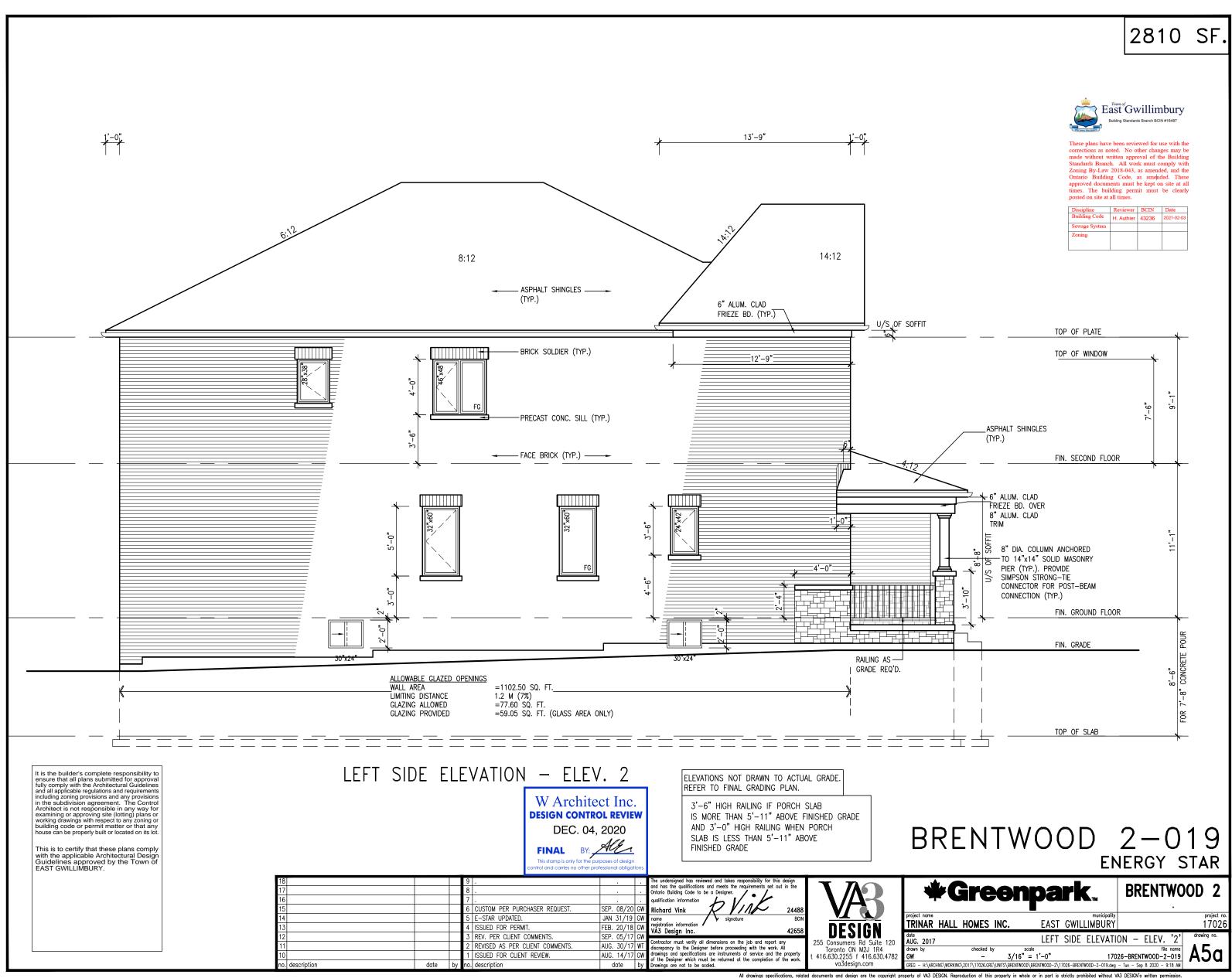
 Building Code
 H. Authier
 43236
 2021-02-03

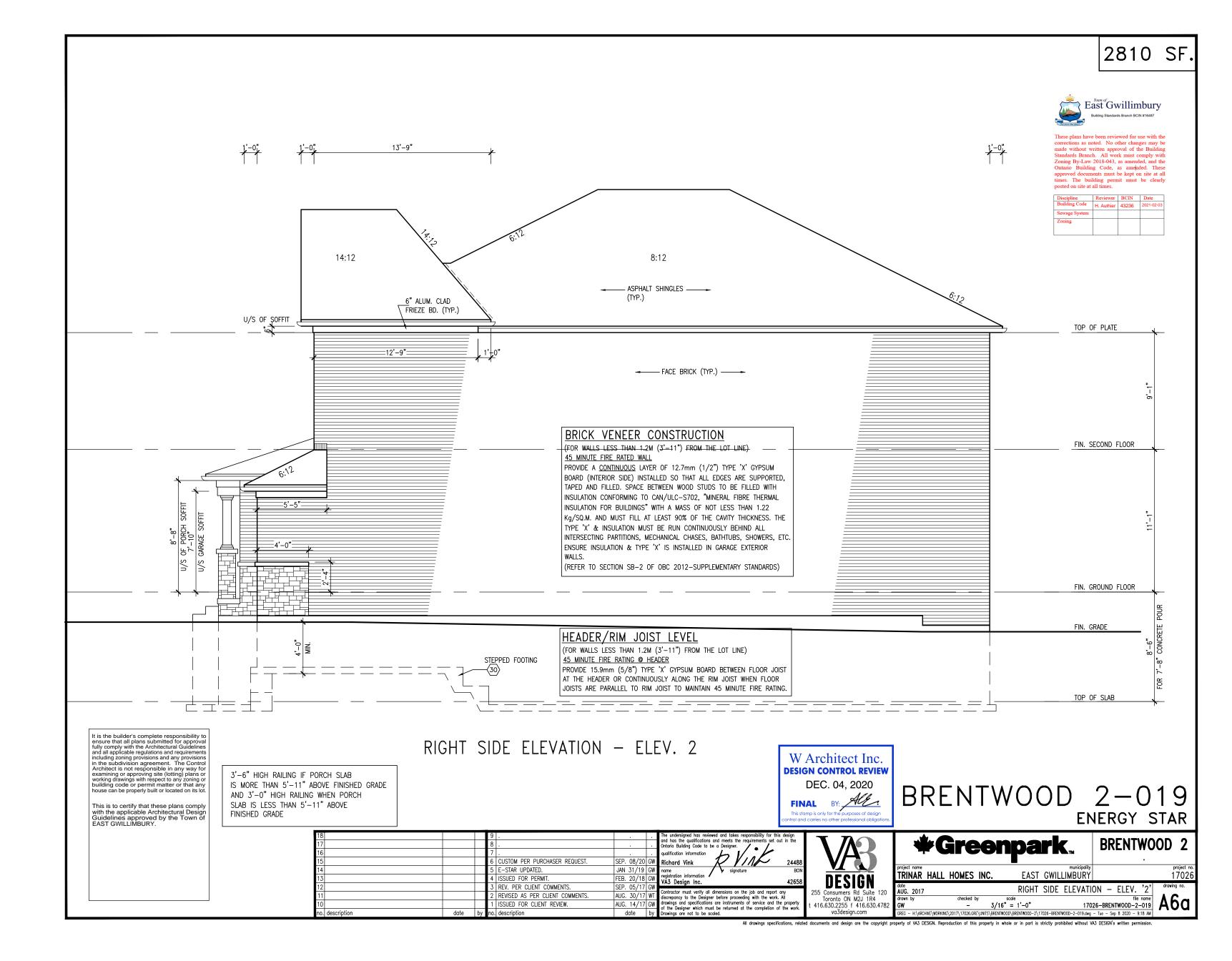
TRINAR HALL HOMES INC. EAST GWILLIMBURY SECOND FLOOR PLAN - ELEV. '2' 17026-BRENTWOOD-2-019 A3a 3/16" = 1'-0"

JSTOM PER PURCHASER REQUEST JAN 31/19 FEB. 20/18 F-STAR UPDATED. ISSUED FOR PERMIT AUG. 30/17 AUG. 14/17 REVISED AS PER CLIENT COMMENTS ISSUED FOR CLIENT REVIEW.

date AUG. 2017 t 416.630.2255 f 416.630.4782









Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-0
Sewage System			
Sewage System Zoning			



This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of EAST GWILLIMBURY.

REAR ELEVATION '2' W Architect Inc. **DESIGN CONTROL REVIEW** DEC. 04, 2020

FINAL BY: All:

BRENTWOOD 2-019 **ENERGY STAR**

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15				6	CUSTOM PER PURCHASER REQUEST.	SEP.	08/	/20	GW	Rich
14				5	E-STAR UPDATED.	JAN	31/	19	GW	name
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12				3	REV. PER CLIENT COMMENTS.	SEP.	05/	/17	GW	
11				2	REVISED AS PER CLIENT COMMENTS.	AUG.	30,	/17	WT	Contr
10				1	ISSUED FOR CLIENT REVIEW.	AUG.	14/	/17	GW	drawin of the
no	description	date	by	no.	description	(late		by	Drawi

and has the	ned has reviewed an qualifications and m ing Code to be a De information	eets the requi		
Richard V	ink \mathcal{K}	/	1/	24488
name registration i	ntonnation /	signature		BCIN
VA3 Design				42658
discrepancy t	nust verify all dimens to the Designer befo	re proceeding	with the work.	AÍÍ

TRINAR HALL HOMES INC. 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com

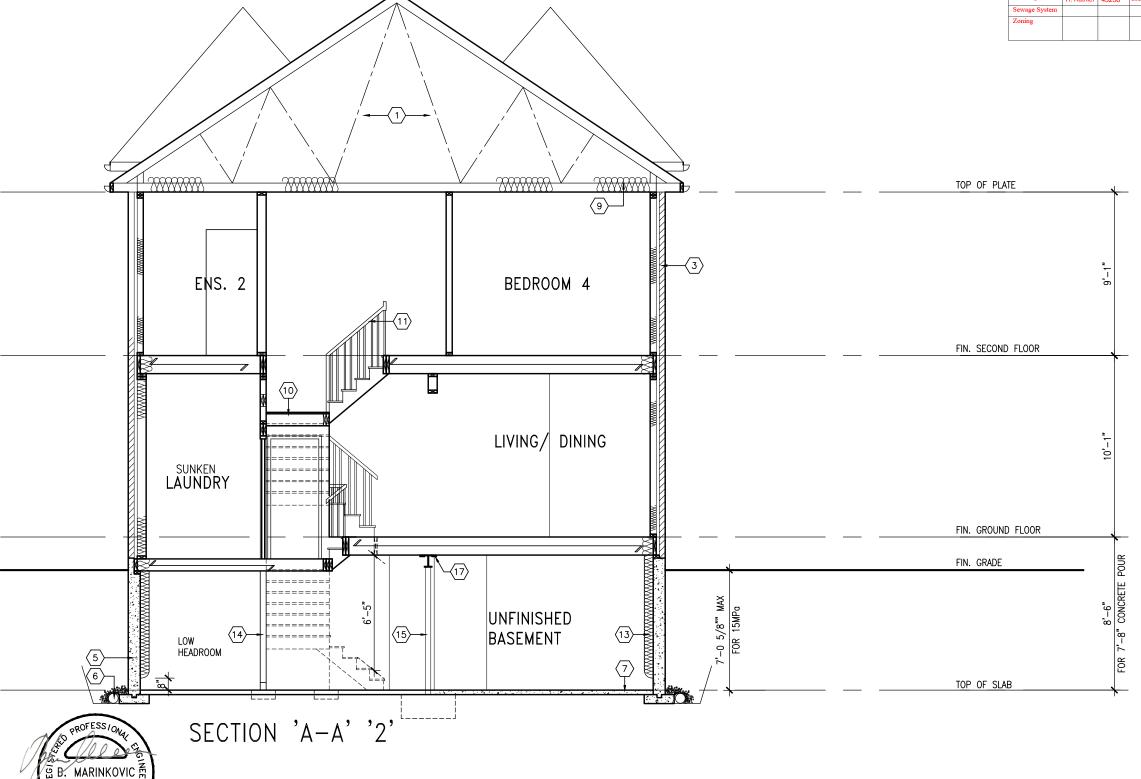
***Greenpark**...

3/16" = 1'-0"

BRENTWOOD 2 EAST GWILLIMBURY 17026 REAR ELEVATION - ELEV. '2' 17026-BRENTWOOD-2-019 A7a



Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of EAST GWILLIMBURY.

BRENTWOOD 2-019 **ENERGY STAR**

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12				3	REV. PER CLIENT COMMENTS.	SEP.	05/	17	GW	-
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10				1	ISSUED FOR CLIENT REVIEW.	AUG.	14/	17	GW	dra of
no.	description	date	by	no.	description	de	ate		by	Dra

STRUDET INC. FOR STRUCTURE ONLY

	The undersigned has reviewed and takes responsibility for this and has the qualifications and meets the requirements set out Ontario Building Code to be a Designer. qualification information	
Ì	Richard Vink	24488
l	name signature registration information	BCIN
ı	VÅ3 Design Inc.	42658
I	Contractor must verify all dimensions on the job and report and discrepancy to the Designer before proceeding with the work. A drawings and specifications are instruments of service and the	ll property

255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com

***Greenpark**...

BRENTWOOD 2

TRINAR HALL HOMES INC. EAST GWILLIMBURY SECTION A-A - ELEV. '2' 17026-BRENTWOOD-2-019
119.dwg - Tue - Sep 8 2020 - 9:18 AM
hout WA December 3/16" = 1'-0"