FOUNDATION WALLS WITH ENGINEEED 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 FOOTING DETAILS ON ENGINEERED FILL)

ASSUME THE LARGER FOOTING SIZE

WHEN TWO CONDITIONS APPLY

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

#### PAD FOOTINGS

120 KPa NATIVE SOIL 90 KPa ENGINEERED FILL SOIL FI = 42"x42"x18" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD FI = 48"x48"x20" CONCRETE PAL F2 = 40"x40"x16" CONCRETE PAL F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

WHEN VENEER CUT IS GREATER THAN 26" A 10" POURED CONC. FDTN. WALL IS REQUIRED.

ALL GARAGE SLABS, PORCH SLABS, STAIRS (EXPOSED CONC

#### BRICK VENEER LINTELS

W = 6"x3-1/2"x3/8" | (150x90x10.01) + 2-2"x12" SPR. No.2ML5 = 6"x4"x3/8"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 W = 5"x3-1/2"x5/16" (125x90x801) + 3-2"x12" SPR No 2WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2

### WOOD LINTELS AND BEAMS

WBI = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2) MB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2) MB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2) MB4 = 3-2"x10" SPR. No.2 (3-38x235 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) WBI2 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

## LAMINATED VENEER LUMBER (LVL) BEAMS

LAMINATED VENEER LUMBER (

LVLIA = I-I 3/4" × T 1/4" (I-45×184)

LVL1 = 2-I 3/4" × T 1/4" (2-45×184)

LVL2 = 3-I 3/4" × T 1/4" (3-45×184)

LVL3 = 4-I 3/4" × T 1/4" (4-45×184)

LVL4A = I-I 3/4" × 9 1/2" (I-45×240)

LVL4 = 2-I 3/4" × 9 1/2" (2-45×240)

LVL5 = 3-I 3/4" × 9 1/2" (3-45×240)

LVL6A = I-I 3/4" × II 7/8" (I-45×240)

LVL6A = I-I 3/4" × II 7/8" (I-45×300)

LVL6 = 2-I 3/4" × II 7/8" (3-45×300)

LVL7 = 3-I 3/4" × II 7/8" (4-45×300)

LVL7 = 4-I 3/4" × II 7/8" (4-45×300)

LVL7 = 3-I 3/4" × II 7/8" (4-45×356)

LVL9 = 3-I 3/4" × I4" (3-45×356)

LVL10 = 2-I 3/4" × I8" (3-45×356) LVLIO = 2- $| 3/4" \times | 8" (3-45\times456)$ 

### 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)L4 = 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

| = 3'-0" x 6'-8" (914x2033) - INSULATED ENTRANCE DOOR Ia = 2'-10" x 7'-10" (815x2387) - INSULATED FRONT DOORS 2 = 2 -8" x 6'-8" (815x2033) - WOOD & GLASS DOOR 3 = 2'-8" x 6'-8 x 1-3/4" (815x2033x45) - EXTERIOR SLAB DOOR

 $4 = 2'-8" \times 6'-8" \times 1-3/8" (815\times2033\times35) - INTERIOR 5LAB DOOR 5 = 2'-6" \times 6'-8" \times 1-3/8" (760\times2033\times35) - INTERIOR 5LAB DOOR 7 = 2'-6" \times 6'-8" \times 1-3/8" (760\times 2033\times 35) - INTERIOR 5LAB DOOR 7 = 1000\times 10000\times 1000\times 10000\times 1000\times 10000\times 100000\times 10000\times 100000\times 10000\times 10000\times 100000\times 10000\times 100000\times 100000\times 100000\times 100000\times 100000\times 1000$ 

6 = 2'-2" x 6'-8" x I-3/8" (660x2033x35) - INTERIOR SLAB DOC 7 = 1'-6" x 6'-8" x 1-3/8" (460x2033x35) - INTERIOR 5LAB DOO! 8 = 3'-0" x 6'-8" (914x2033) - BARRIER FREE ACCESS DOOR

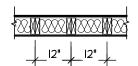
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

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

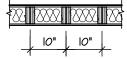
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID
BLOCKING 4'-O" O.C. VERTICAL AND 7/16"
EXT. PLYWOOD SHEATHING.



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

TWO STORY HEIGHT WALL DETAIL

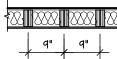
2 - I I/2" x 5 I/2" TIMBERSTRAND (LSL) I.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @IO"O.C. FULL HT C/W SOLID BLOCKING MAX. &'-O"O.C. VERTICAL AND T/16" EXT. OSB SHEATHING.



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

TWO STORY HEIGHT WALL DETAIL

2 - 1 1/2" x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @4"O.C. FULL HT C/M SOLID BLOCKING MAX. &'-O"O.C. VERTICAL AND 1/16" EXT. OSB SHEATHING.



NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 21'-5" AND MAXIMUM WIDTH IS 40'-0"

## TWO STORY HEIGHT WALL DETAIL

CI = 4"X4"XI/4" H.S.S. W/ IO"X8"XI/2" BASE PLATE \$ 2-3/4" DIA. ANCHOR **BOLTS** 

C2 = 5"X5"XI/4" H.S.S

W 12"XI2"XI/2" BASE PLATE & 4-3/4" DIA. ANCHOR

USE 4 BOLTS FOR MOMENT CONNECTION

"M" - MOMENT CONNECTION BEAM/COULMN = 35 kNm

ı	AREA CALCULATIONS			El	_E∨. I
ı	GROUND FLOOR AREA	=		15 <i>0</i> 2	Sq. Ft.
ı	SECOND FLOOR AREA	=		1812	L
J	TOTAL FLOOR AREA	=		3314	Sq. Ft.
ì				307.88	Sq. M.
ı	IST FLOOR OPEN AREA	=	0		Sq. Ft.
J	2ND FLOOR OPEN AREA	=	10		Sq. Ft.
ı	ADD TOTAL OPEN AREAS	=		10	Sq. Ft.
ı	ADD FIN. BASEMENT AREA	=		0	Sq. Ft.
	GROSS FLOOR AREA	=		3324	Sq. Ft.
				308.81	
1	GROUND FLOOR COVERAGE				
ı	GROUND FLOOR COVERAGE	=		1502	
l	GARAGE COVERAGE /AREA	=		1502 400	
					Sq. Ft
	GARAGE COVERAGE /AREA			400	Sq. Ft Sq. Ft Sq. Ft.
	GARAGE COVERAGE /AREA PORCH COVERAGE / AREA	=		400 110	5q. Ft. 5q. Ft. 5q. Ft. <b>5q.</b> m.
	GARAGE COVERAGE /AREA PORCH COVERAGE / AREA	" " "		400 II0 <b>2012</b>	5q. Ft. 5q. Ft. 5q. Ft. <b>5q</b> . m.

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

NOTE

(R60)

(R31)

5.46 (R31)

4.75

(R22+R5)

(R20 BLANKET)

ENERGY STAR ® ZONE 2 (ER 29/UV 1.4)

MIN. 96% AFUE

ELECTRONIC SPARK IGNITION

TIER 2 75% SRE ENERGY STAR  $^{ ext{@}}$  HRV T

BE INTERCONNECTED TO THE FURNACE FAI MUST BE BALANCED INDICATING ON HIGH

CONDENSING HOT WATER TANK 90% TE

WO SHOWERS > 42% STEADY R3-42 OR

ATTACHED LEVEL I (3.0 ACH/0.26 NLR)

ALL SUPPLY DUCTS AND I m OF RETURN

(RIO)

ENERGY STAR V-17

CEILING WITHOUT ATTIC SPACE

COMPONENT

MINIMUM RSI (R) VALUE

MINIMUM RSI (R) VALUE

MINIMUM RSI (R) VALUE

WALLS ABOVE GRADE

MINIMUM RSI (R) VALUE

MINIMUM RSI (R) VALUE

MINIMUM RSI (R) VALUE

MAXIMUM U-VALUE

GAS FIREPLACE

MINIMUM EFFICIENCY

HOT WATER TANK

DUCT SEALING

LIGHTS

BCIN

DRAIN WATER HEAT RECOVER

AIR TIGHTNESS MUST MEET MINIMUM

EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE

SLAB < 600mm BELOW GRADE MINIMUM RSI (R) VALUE

SPACE HEATING EQUIPMENT MINIMUM AFUE

WINDOWS & SLIDING GLASS DOORS

BASEMENT WALLS

EXPOSE FLOOR

ELEV. I				ENERGY STAR
WALL FT <sup>2</sup>	(WALL M²)	OPENING FT <sup>2</sup>	(OPENING M²)	PERCENTAGE
847.82	(18.11)	100.37	(4.32)	11.64 %
1286.26	(119.50)	73.25	(6.81)	5.69 %
1317.45	(122.40)	68.25	(6.34)	5.18 %
754.15	(10.06)	156.67	(14.56)	20.11 %
<b>4205.68</b> FT <sup>2</sup>	(390.72 M²)	398.54 FT <sup>2</sup>	(37.03M²)	4.48 %
	WALL FT <sup>2</sup> 847.82 1286.26 1317.45 754.15	WALL FT <sup>2</sup> (WALL M <sup>2</sup> )  841.82 (18.11)  1286.26 (119.50)  1317.45 (122.40)  754.15 (70.06)	WALL FT²         (WALL M²)         OPENING FT²           847.82         (78.71)         100.37           1286.26         (119.50)         13.25           1317.45         (122.40)         68.25           754.15         (70.06)         156.61	WALL FT²         (WALL M²)         OPENING FT²         (OPENING M²)           841.82         (18.11)         100.31         (4.32)           1286.26         (119.50)         13.25         (6.81)           1317.45         (122.40)         68.25         (6.34)           754.15         (70.06)         156.61         (14.56)



These plans have been reviewed for use with the corrections as noted. No other changes may be made without written approval of the Building Standards Branch. All work must comply with Zoning By-Law 2018-043, as amended, and the Ontario Building Code, as amended. These approved documents must be kept on site at all times. The building permit must be clearly times. The building permit must be clearly posted on site at all times.

Building Code   House Sewage System   House System	I. Authier	43236	2021-02-03
Sewage System			
Zoning			

## TOWN OF EAST GWILLIMBURY **BUILDING STANDARDS BRANCH**

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

Model Review ....cfoster.. DATE .....21/0.1/2021......

W Architect Inc. **DESIGN CONTROL REVIEW** DEC. 04, 2020 FINAL BY: All:



It is the builder's complete responsibility to ensure that all plans submitted for approva fully comply with the Architectural Guidelines and all applicable regulations and requirement including zoning provisions and any provisions in the subdivision agreement. The Contro 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 Desigr Guidelines approved by the Town of EAST GWILLIMBURY.

(energy )	GLENWAY	7A-034
ESCC MODEL ENERGY STAR - V 17	ENE	RGYSTAR

5.		·	The u
4.			design,
3.	UPDATED FOR LOT 30	NOV 2020	
2.	ISSUED FOR COORDINATION	SEP 2017	Requ <b>i</b> red u
1.	REVISED GLENWAY 7 FROM FARTHINGALE	AUG 2017	VIKAS
	DEVICIONS		VIKAS
	REVISIONS		NAME

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.

QUALIFICATION INFORMATION equired unless design is exempt uniter Division C, Subsection 3.2.5 of the building code

28770 VIKAS GAJJAR SIGNATURE

D	REGION DESIGN INC.
MEGION	8700 DUFFERIN ST.
	CONCORD, ONTARIO
<b>LIESIGN</b>	L4K 4S6
NC	P (416) 736-4096
1110.	F (905) 660-0746

	SHEET
ION	
GN	SCALE 3/
	DATE

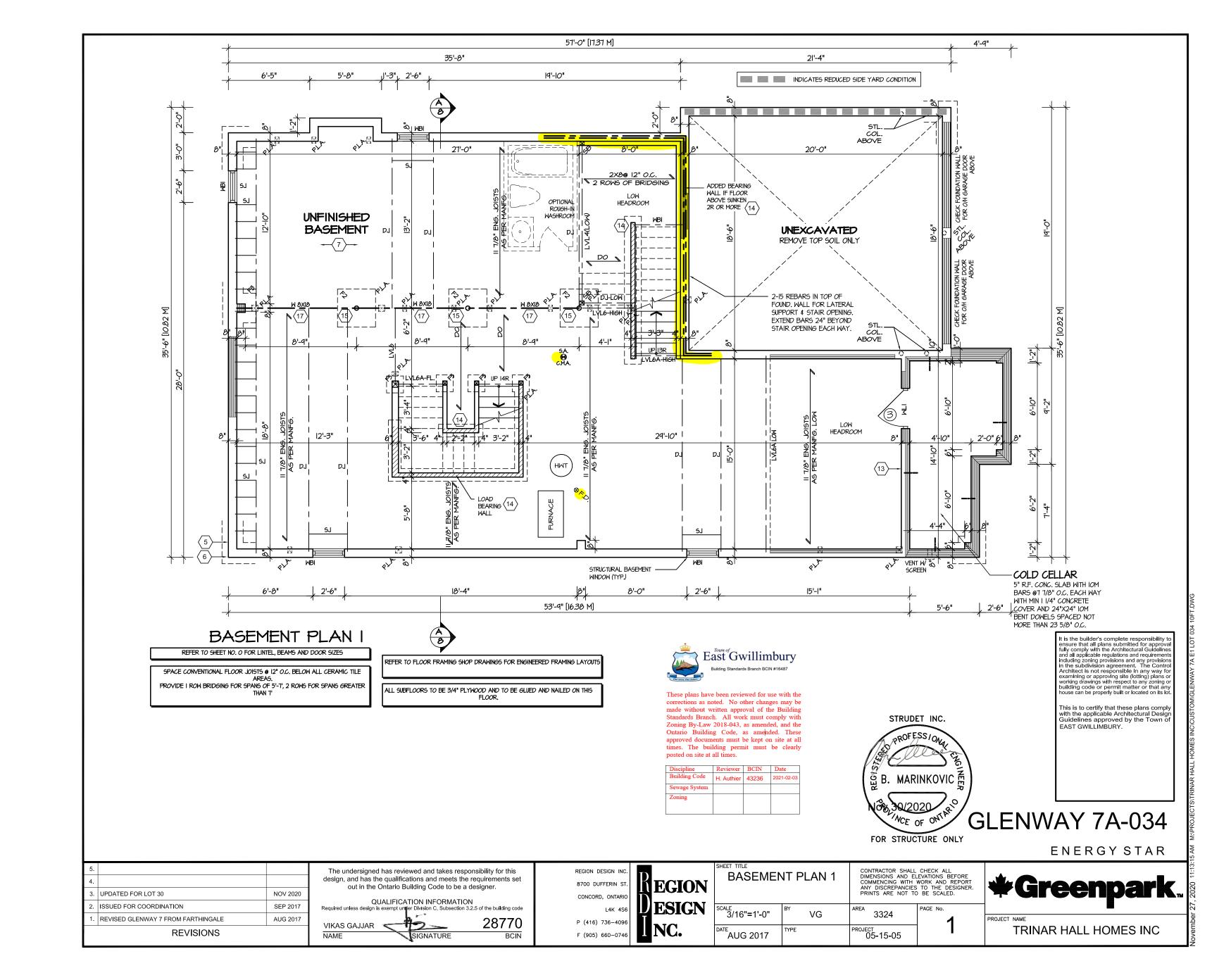
75% CFLs OR LEDs

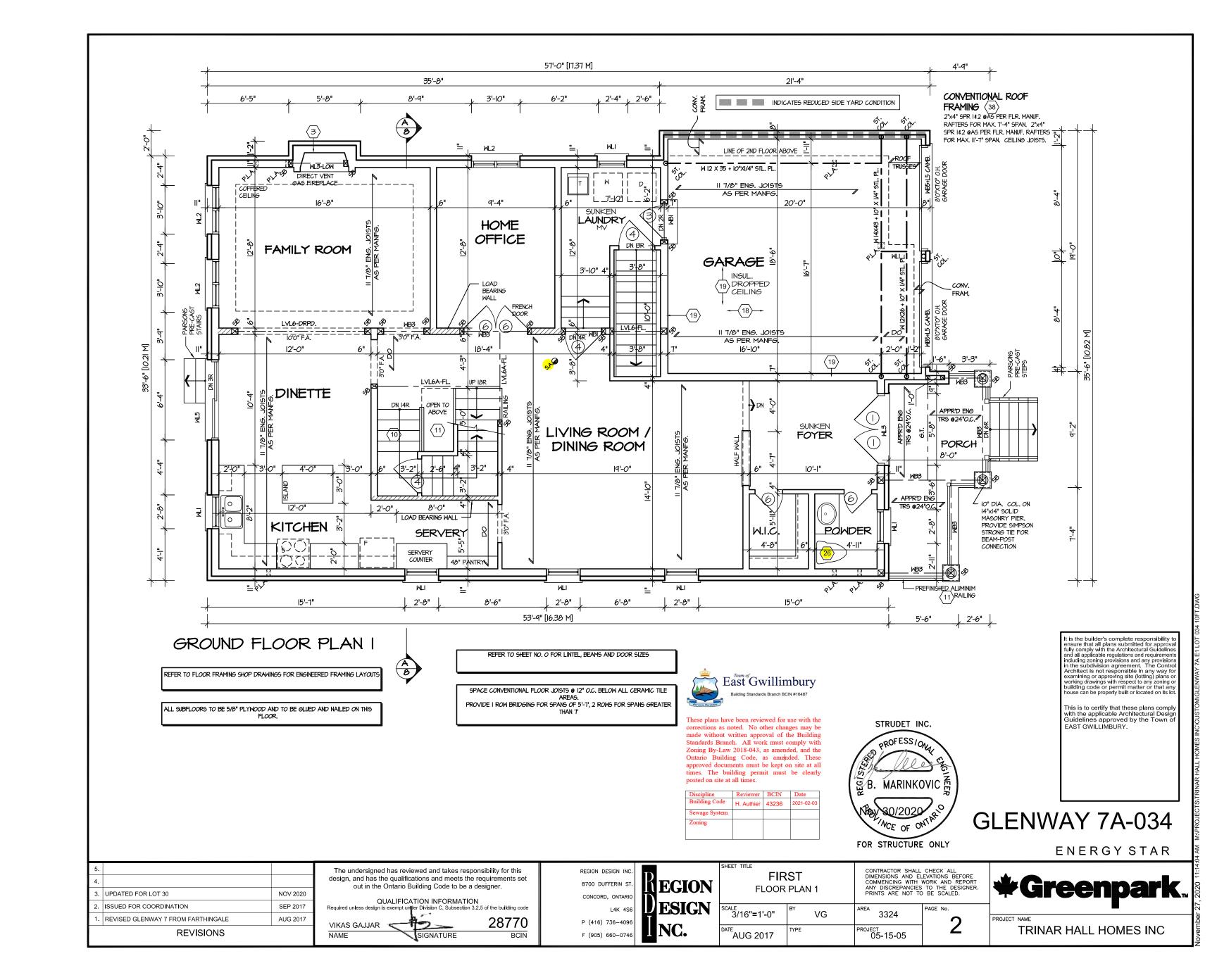
SPEED FRESH/STALE

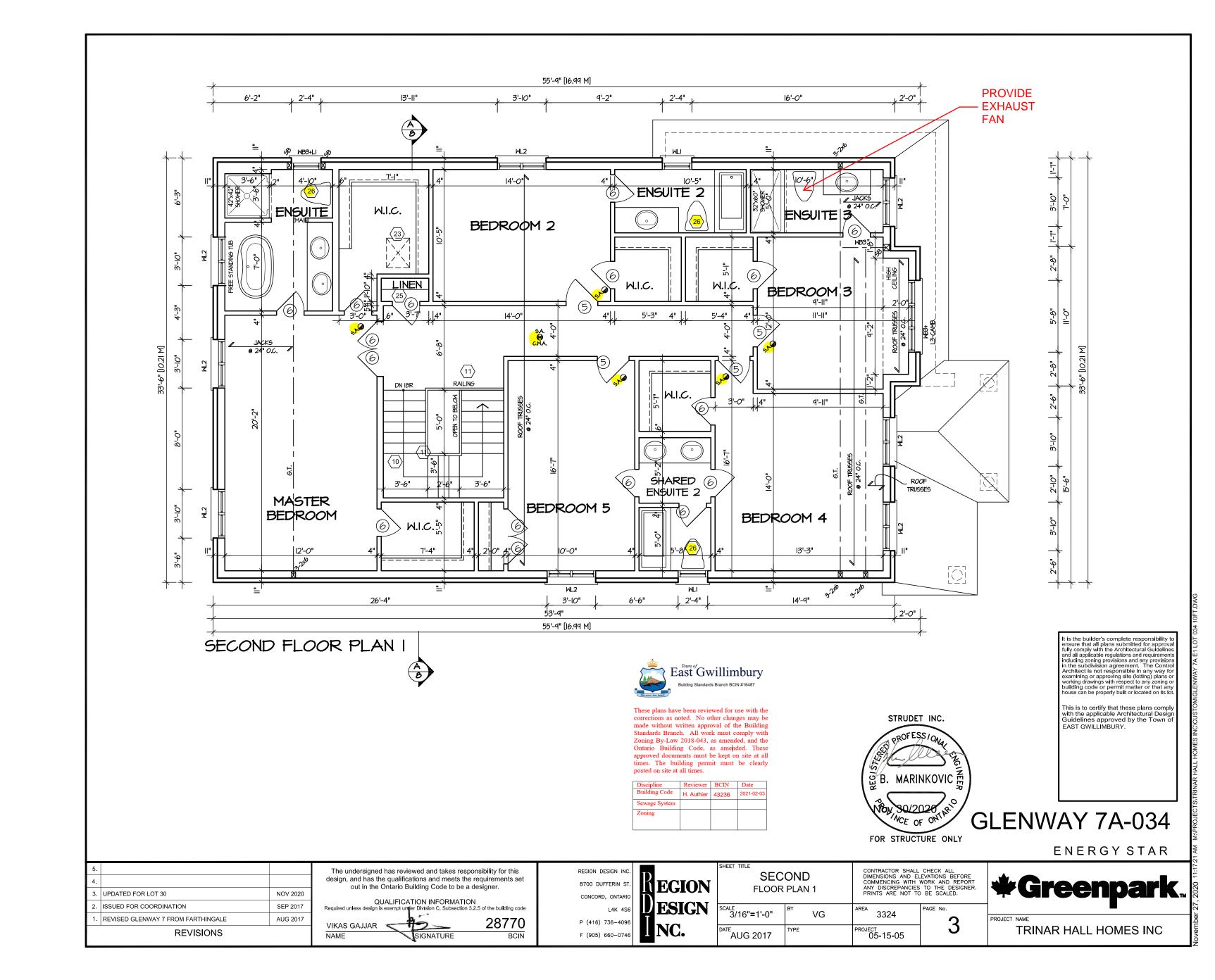
		ENERGY	′ STAR - V 17
AREA C	CHARTS	CONTRACTOR SHALL DIMENSIONS AND EL COMMENCING WITH ANY DISCREPANCIES PRINTS ARE NOT TO	EVATIONS BEFORE WORK AND REPORT TO THE DESIGNER.
3/16"=1'-0"	BY VG	<sup>AREA</sup> 3324	PAGE No.
AUG 2017	TYPE	PROJECT 05-15-05	U

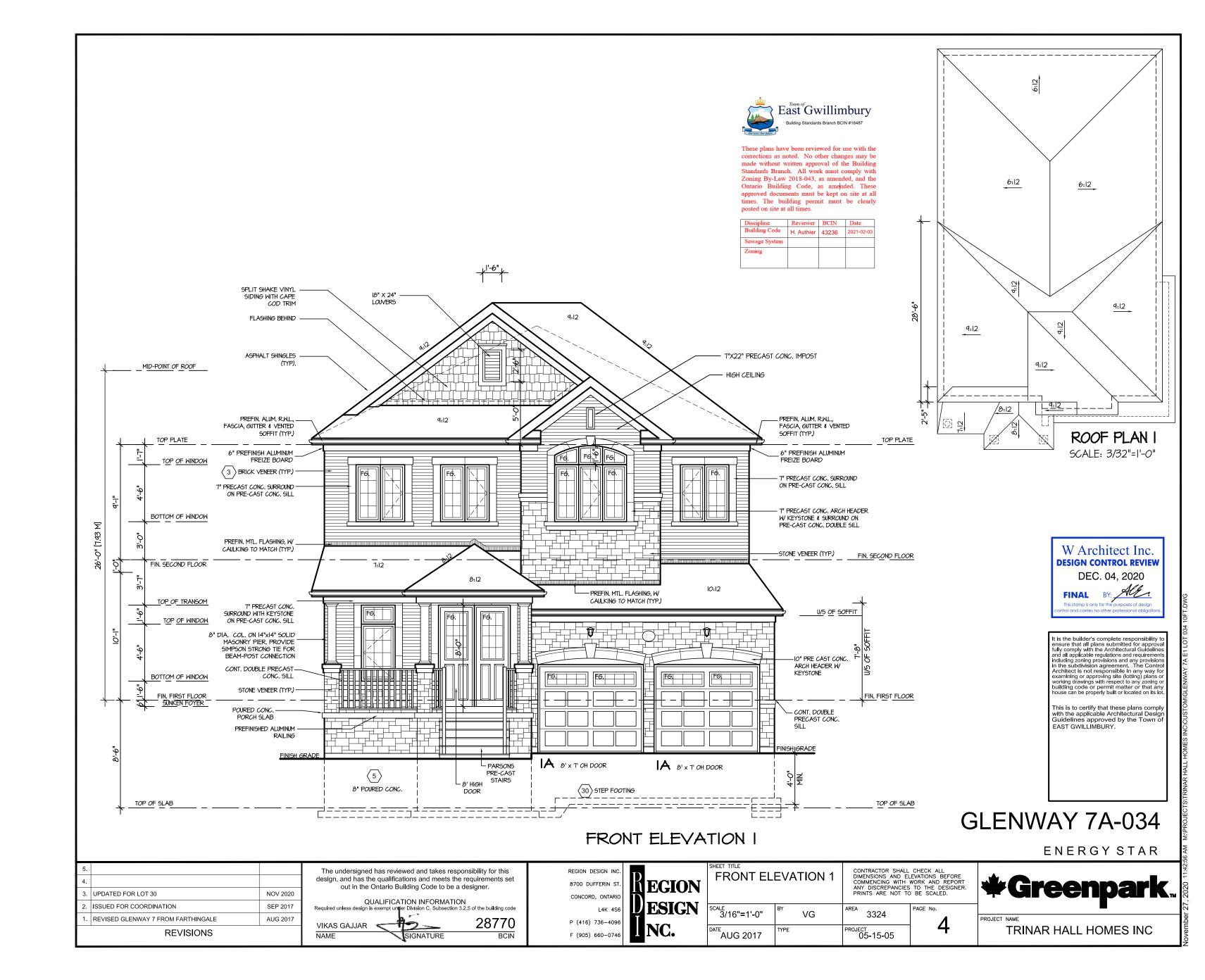


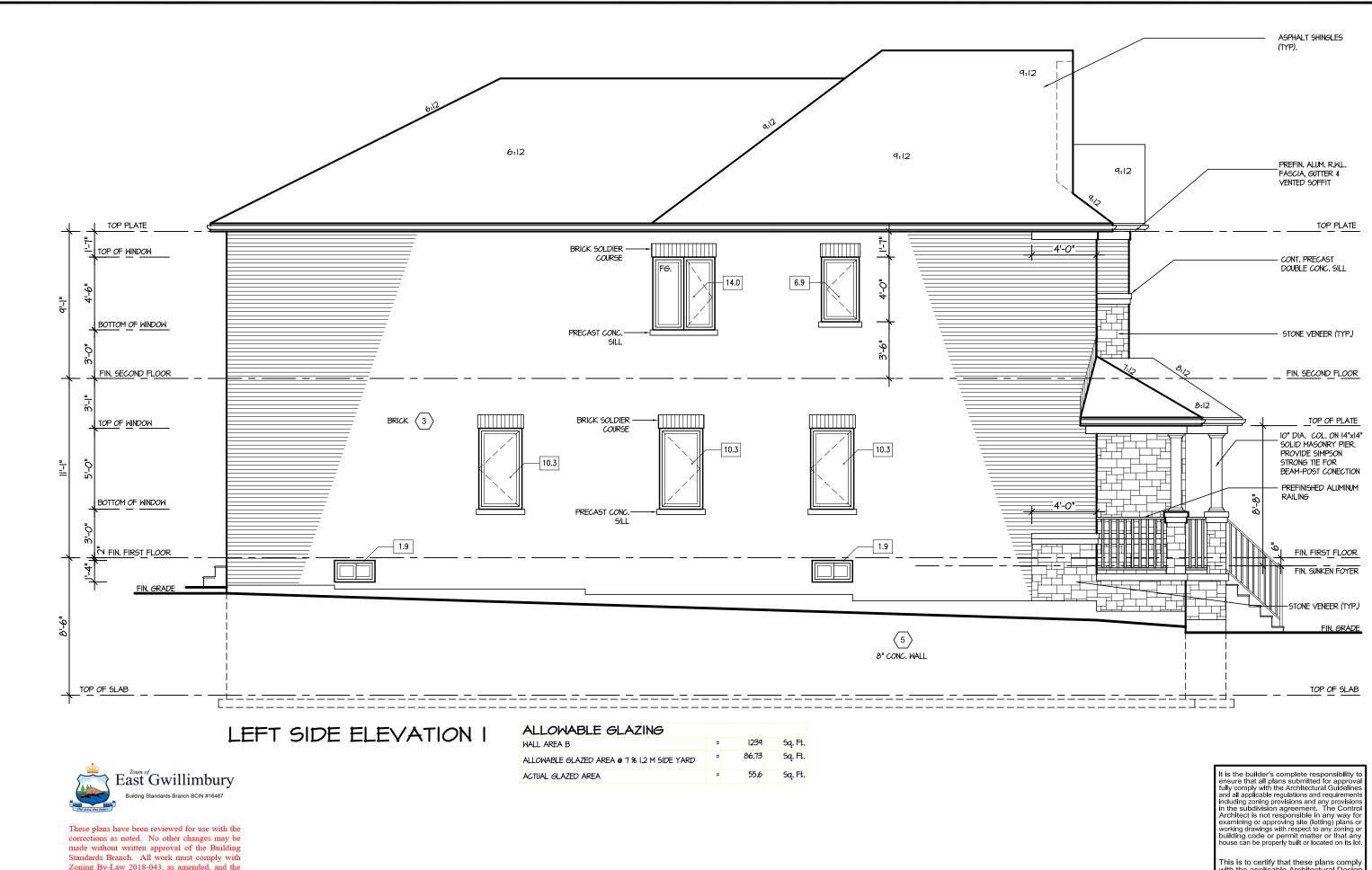
PROJECT NAM TRINAR HALL HOMES INC











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

W Architect Inc. **DESIGN CONTROL REVIEW** DEC. 04, 2020 FINAL BY: All:

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

# GLENWAY 7A-034

ENERGY STAR

5.					
4.					
3.	UPDATED FOR LOT 30	NOV 2020			
2.	ISSUED FOR COORDINATION	SEP 2017			
1.	REVISED GLENWAY 7 FROM FARTHINGALE	AUG 2017			
	REVISIONS				

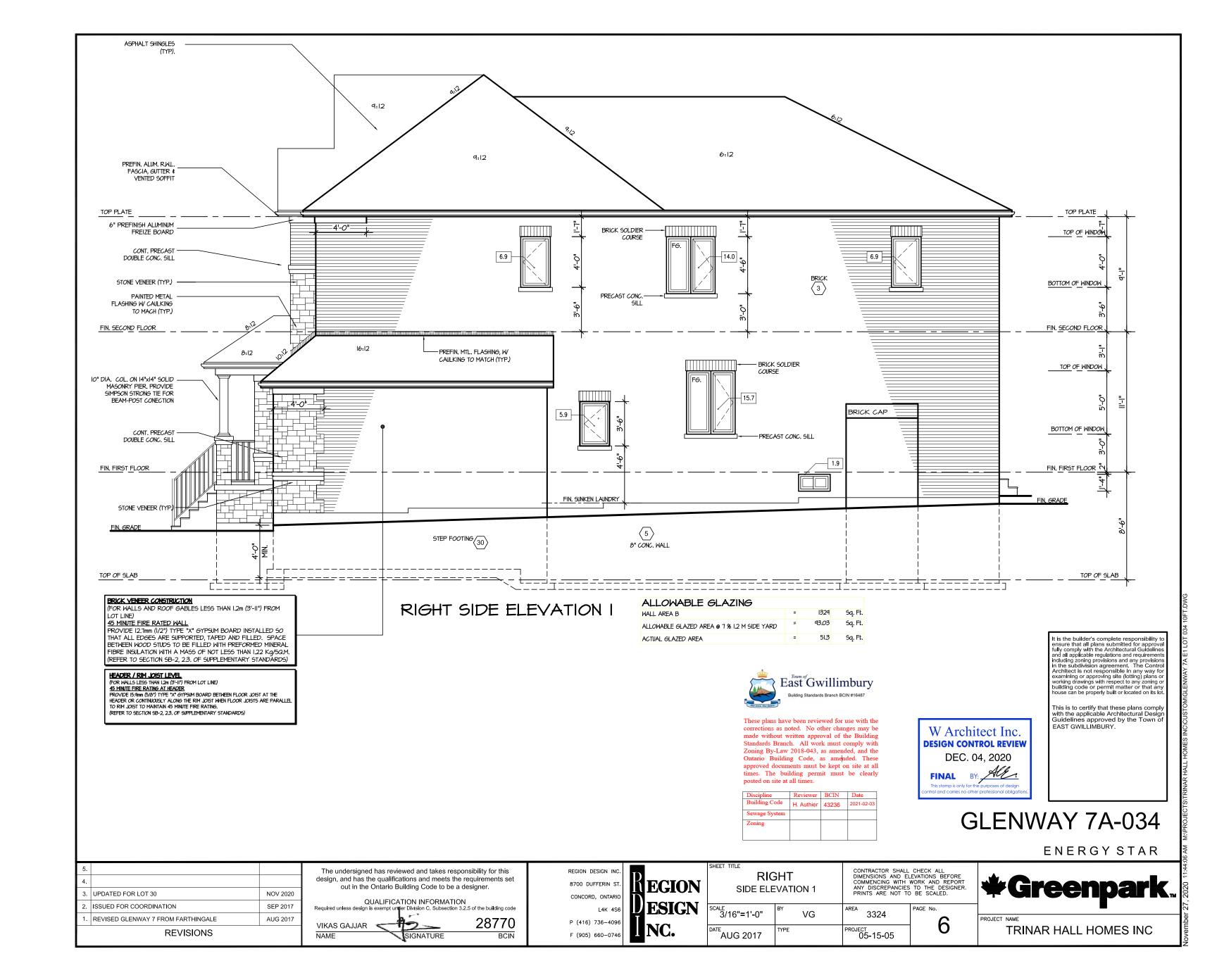
The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.

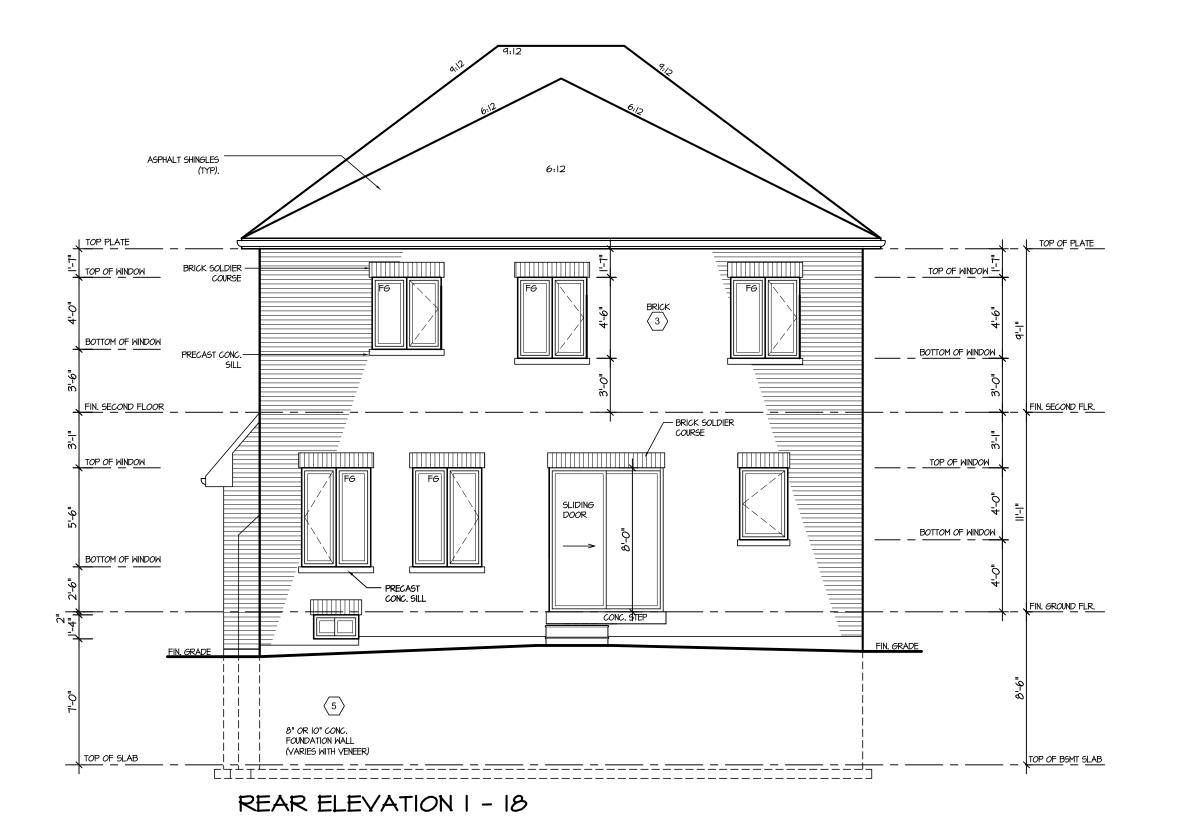
QUALIFICATION INFORMATION
Required unless design is exempt unifer Division C, Subsection 3.2.5 of the building code 28770 VIKAS GAJJAR SIGNATURE NAME BCIN

REGION DESIGN INC. Regio 8700 DUFFERIN ST. CONCORD, ONTARIO **ESI** L4K 4S6 P (416) 736-4096 F (905) 660-0746

ION	SHEET TITLE LE	-	CONTRACTOR SHALL DIMENSIONS AND EL COMMENCING WITH ANY DISCREPANCIES PRINTS ARE NOT TO	EVATIONS BEFORE WORK AND REPORT TO THE DESIGNER.
<b>GN</b>	3/16"=1'-0"	by VG	3324	PAGE No.
•	AUG 2017	TYPE	PROJECT 05-15-05	5

**\*Greenpark** TRINAR HALL HOMES INC







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Building Code			
	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



t 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 louse can be properly built or located on its lot.

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# GLENWAY 7A-034

ENERGY STAR

5.			
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3.	UPDATED FOR LOT 30	NOV 2020	
2.	ISSUED FOR COORDINATION	SEP 2017	
1.	REVISED GLENWAY 7 FROM FARTHINGALE	AUG 2017	
	REVISIONS		

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.

QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJJAR
NAME
SIGNATURE
BCIN



SCALE 3/16"=1'-0"

SCALE AUG 2017

SHEET TITLE

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

AREA 3324

PAGE NO.

PROJECT 05-15-05



ROJECT NAME
TRINAR HALL HOMES INC

