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"xI8" CONCRETE PAD	FI = 48"x48"x20" CONCRETE PA
F2 = 36"x36"x16" CONCRETE PAD	F2 = 40"x40"x16" CONCRETE PA
F3 = 30"y30"y12" CONCRETE PAD	F3 = 34"\34"\14" CONCRETE PAI

F3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD F5 = 16"x16"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. FLAT WORK) TO BE 32 MPa WITH 5-8% AIR ENTRAITMENT

BRICK VENEER LINTELS

 $\frac{1}{MLI} = 3 - 1/2 \times 3 - 1/2 \times 1/4 \times L (90 \times 90 \times 6.0 L) + 2 - 2 \times 8 \times 9 SPR. No.2$ ML2 = 4"x3-1/2"x5/16"L (100x90x8.0L) + 2-2"x6" SPR. No.2 ML3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x16" SPR. No.2 W = 6"x3-1/2"x3/8" | (150x90x10.01) + 2-2"x12" SPR. No.2

ML5 = 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 2

WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2WOOD 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" × 7 I/4" (I-45×I84)

LVLI = 2-I 3/4" × 7 I/4" (2-45×I84)

LVL2 = 3-I 3/4" × 7 I/4" (3-45×I84)

LVL3 = 4-I 3/4" × 7 I/4" (4-45×I84)

LVL4A = I-I 3/4" × 9 I/2" (I-45×240)

LVL4 = 2-I 3/4" × 9 I/2" (2-45×240)

LVL5 = 3-I 3/4" × 9 I/2" (3-45×240)

LVL5A = 4-I 3/4" × 9 I/2" (1-45×300)

LVL6A = I-I 3/4" × II 7/8" (1-45×300)

LVL7 = 3-I 3/4" × II 7/8" (3-45×300)

LVL7 = 3-I 3/4" × II 7/8" (3-45×300)

LVL7 = 4-I 3/4" × II 7/8" (4-45×300)

LVLTA = 4-1 3/4" x |1 7/8" (4-45x300) LVLTA = 2-1 3/4" x |4" (2-45x356) LVL9 = 3-1 3/4" x |4" (3-45x356) LVLIO = 2-1 3/4" x 18" (3-45x456)

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

 $I = 3'-0" \times 6'-8" (914 \times 2033) - INSULATED ENTRANCE DOOR$

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

REVISIONS

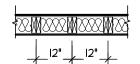
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

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

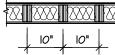
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID
BLOCKING 4'-O" O.C. VERTICAL AND 7/16"
EXT. PLYWOOD SHEATHING.



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

TWO STORY HEIGHT WALL DETAIL

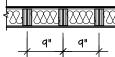
2 - I I/2" x 5 I/2" TIMBERSTRAND (LSL) I.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @IO"O.C. FULL HT C/W SOLID BLOCKING MAX. &'-O"O.C. VERTICAL AND T/16" EXT. OSB SHEATHING.



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 BOI TS

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

AREA CALCULATIONS			EL	_EV. I
GROUND FLOOR AREA	=		1502	Sq. Ft.
SECOND FLOOR AREA	=		1812	Sq. Ft.
TOTAL FLOOR AREA	=		3314	Sq. Ft.
			307.88	Sq. M.
IST FLOOR OPEN AREA	=	0		Sq. Ft.
2ND FLOOR OPEN AREA	=	10		Sq. Ft.
ADD TOTAL OPEN AREAS	=		10	Sq. Ft.
ADD FIN. BASEMENT AREA	=		0	Sq. Ft.
GROSS FLOOR AREA	=		3324	Sq. Ft.
			308.81	Sq. M.
GROUND FLOOR COVERAGE	=		1502	L L
GARAGE COVERAGE /AREA	=		400	Sq. Ft.
PORCH COVERAGE / AREA	=		110	Sq. Ft.
TOTAL COVERAGE W PORCH	ı		2012	Sq. Ft.
	II		186.92	
TOTAL COVERAGE WO PORCH	II		1902	L
	=		176.70	Sq. 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

SPEED FRESH/STALE

75% CFLs OR LEDs

(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

MINIMUM RSI (R) VALUE

SPACE HEATING EQUIPMENT

DRAIN WATER HEAT RECOVER

F (905) 660-0746

AIR TIGHTNESS MUST MEET MINIMUM

MAXIMUM U-VALUE

GAS FIREPLACE

MINIMUM EFFICIENCY

HOT WATER TANK

DUCT SEALING

LIGHTS

EDGE OF BELOW GRADE SLAB

SLAB < 600mm BELOW GRADE

WINDOWS & SLIDING GLASS DOORS

BASEMENT WALLS

EXPOSE FLOOR

ELEV. I				ENERGY STAR
WALL FT ²	(WALL M²)	OPENING FT ²	(OPENING M²)	PERCENTAGE
838.17	(11.81)	100.37	(9.32)	11.47 %
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 %
4196.03 FT ²	(389.82 M²)	398.54 FT ²	(37.03M²)	4.50 %
	#ALL FT ² 838.IT 1286.26 1317.45 754.I5	WALL FT ² (WALL M ²) 838.I7 (171.87) 1286.26 (119.50) 1317.45 (122.40) 754.15 (70.06)	WALL FT² (WALL M²) OPENING FT² 838.I7 (T1.81) 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) 838.IT (TT.8T) 100.3T (9.32) 1286.26 (119.50) T3.25 (6.81) 1317.45 (122.40) 68.25 (6.34) T54.15 (70.06) 156.6T (14.56)



These plans have been reviewed for use with the corrections as noted. No other changes may be 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 rested on site at all times.

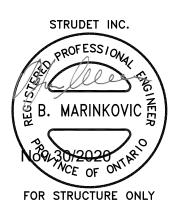
Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			

TOWN OF EAST GWILLIMBURY **BUILDING STANDARDS BRANCH**

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

FOR	Model Review
	cfoster





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-030 **ESCC MODEL 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	

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

BCIN

VIKAS GAJJAR SIGNATURE

NAME

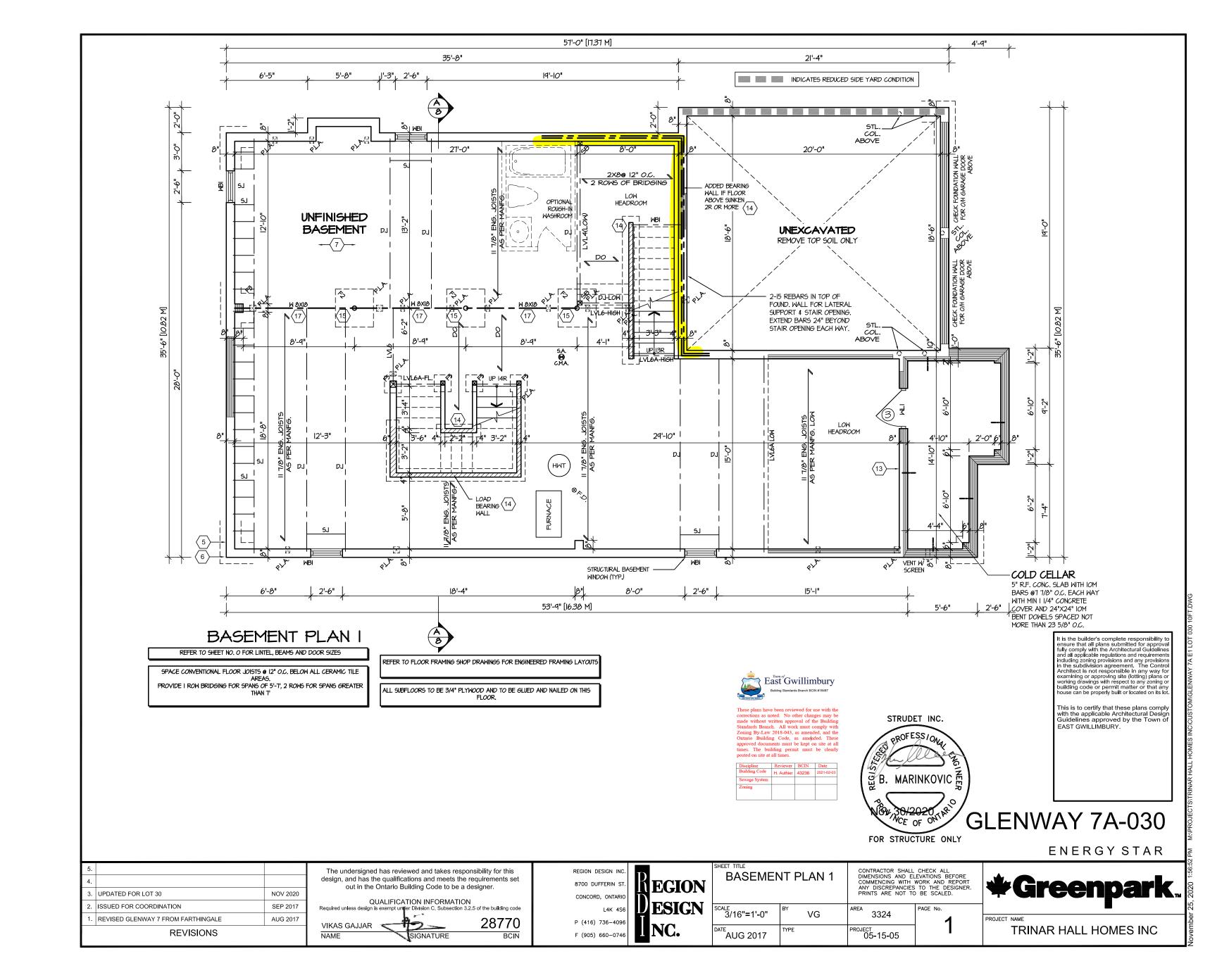
REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4096

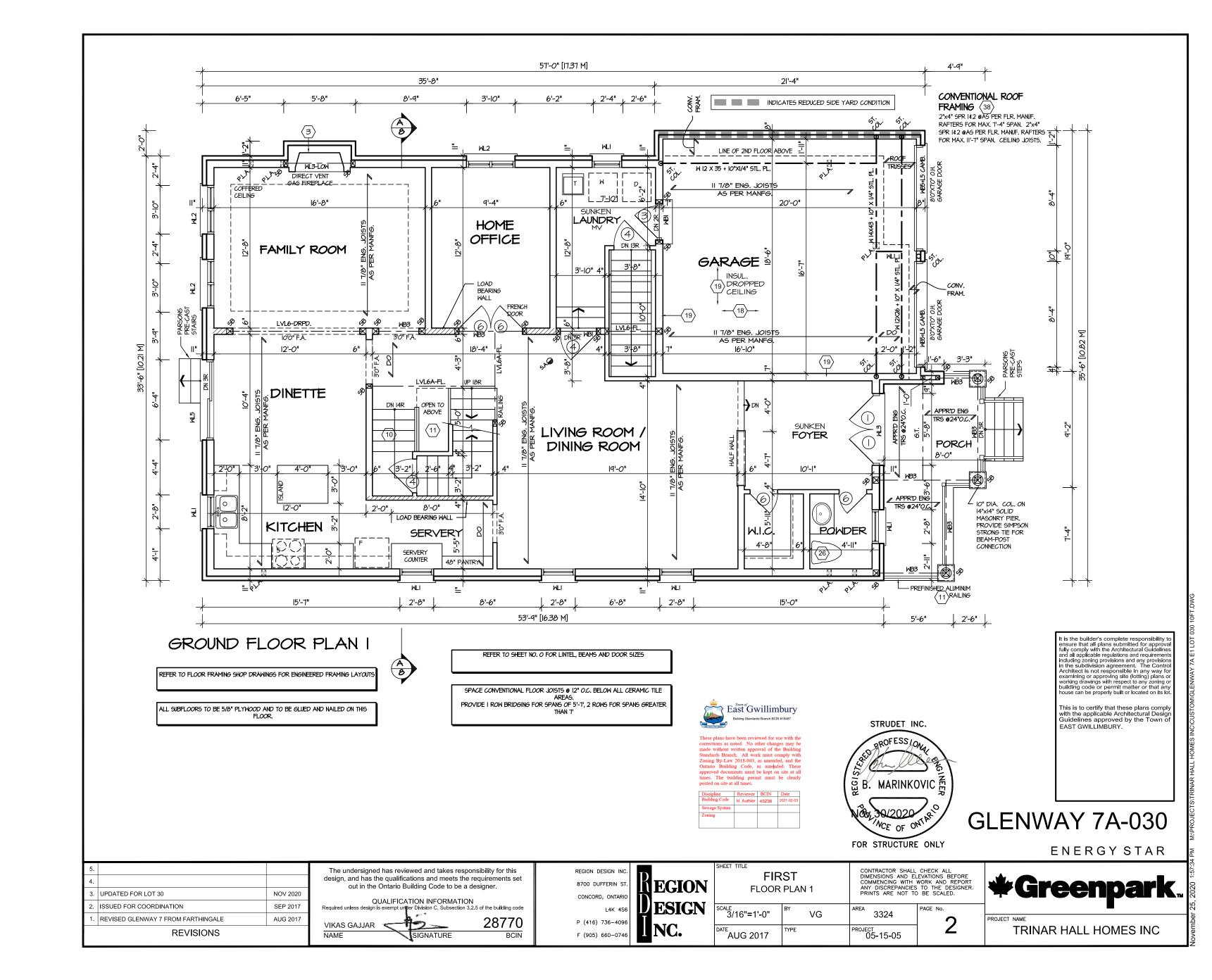


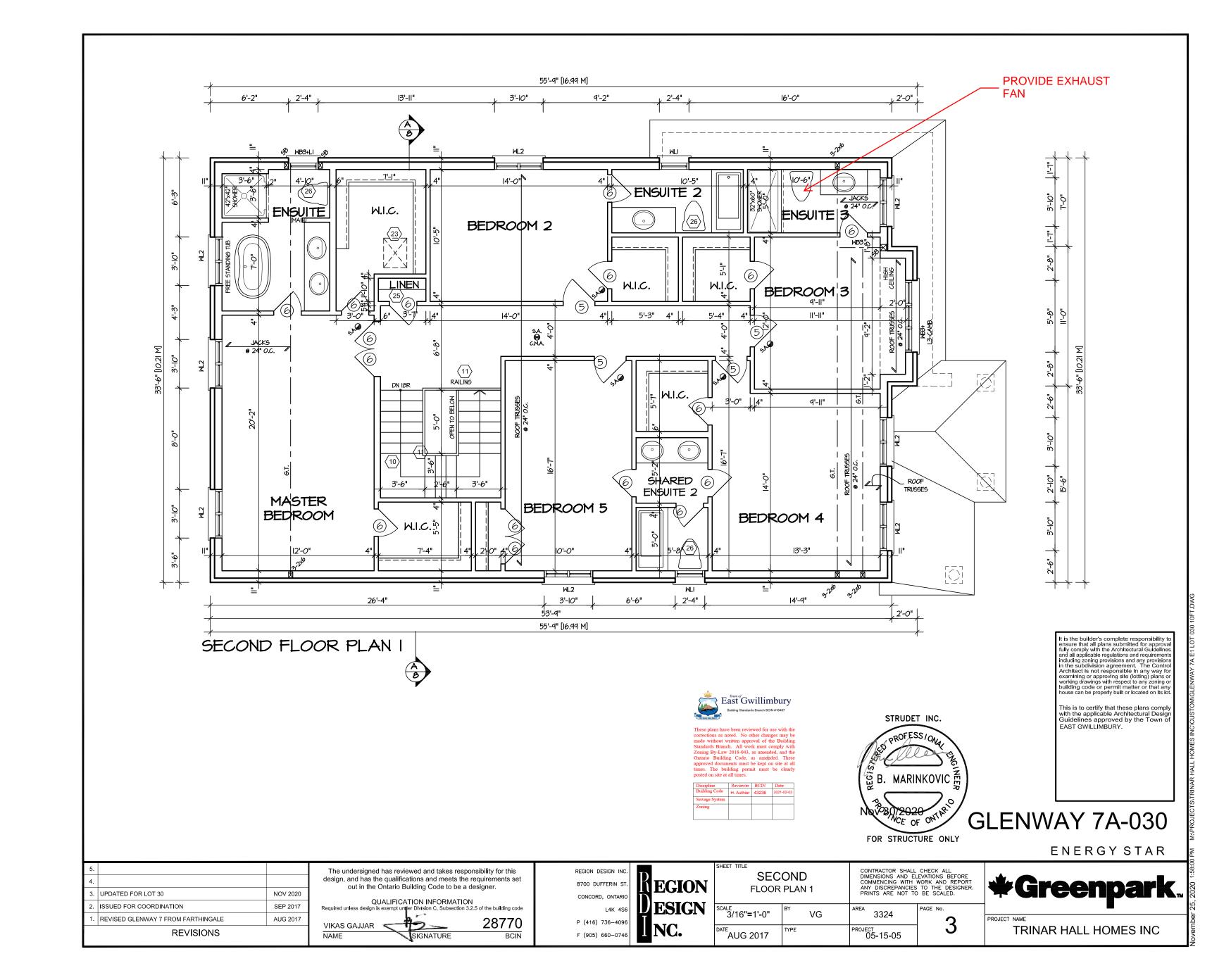
		ENERGY	′ STAR - V 17	
AREA CHARTS		CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		
3/16"=1'-0"	BY VG	^{AREA} 3324	PAGE No.	
AUG 2017	TYPE	PROJECT 05-15-05	J	

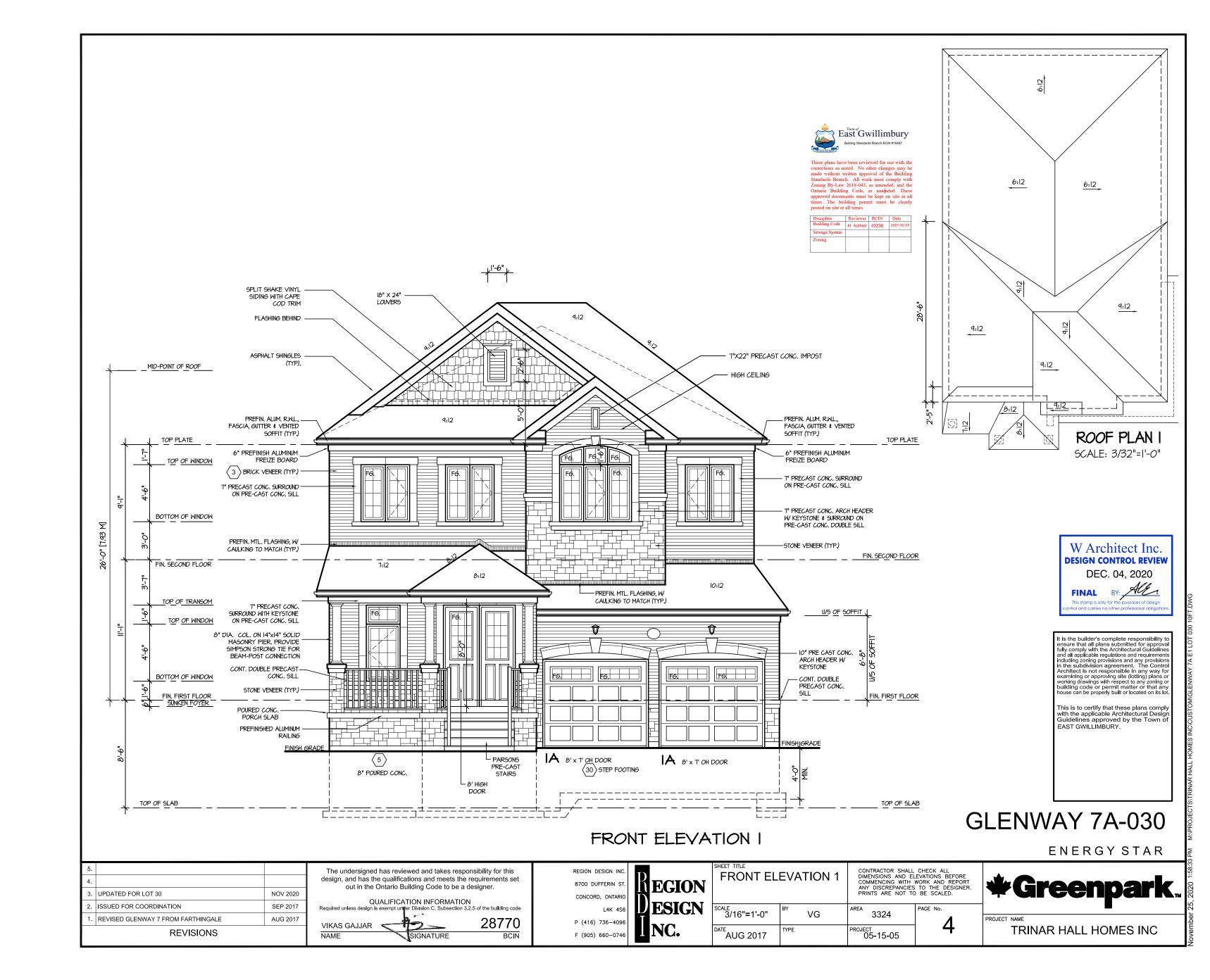


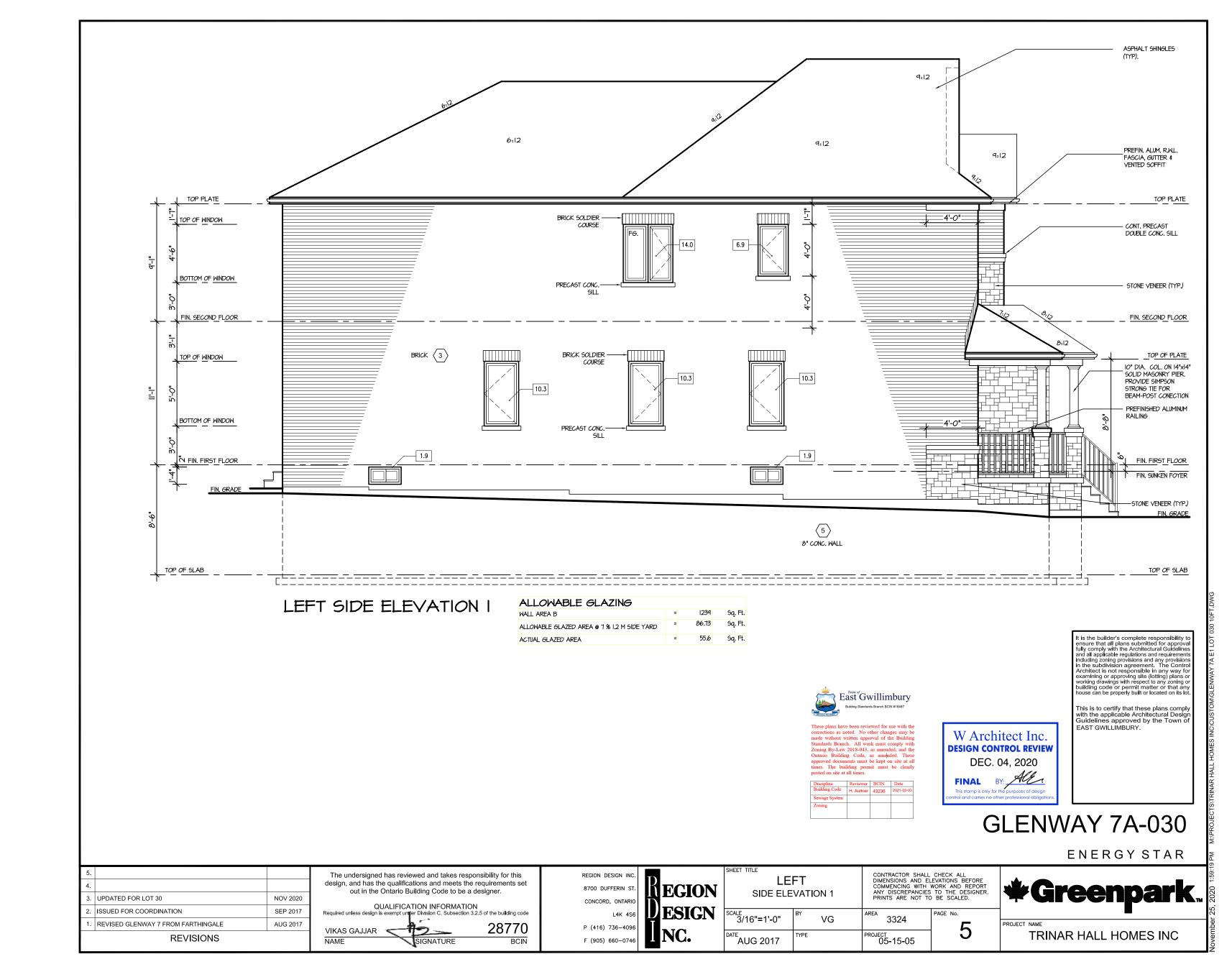
PROJECT NAM TRINAR HALL HOMES INC

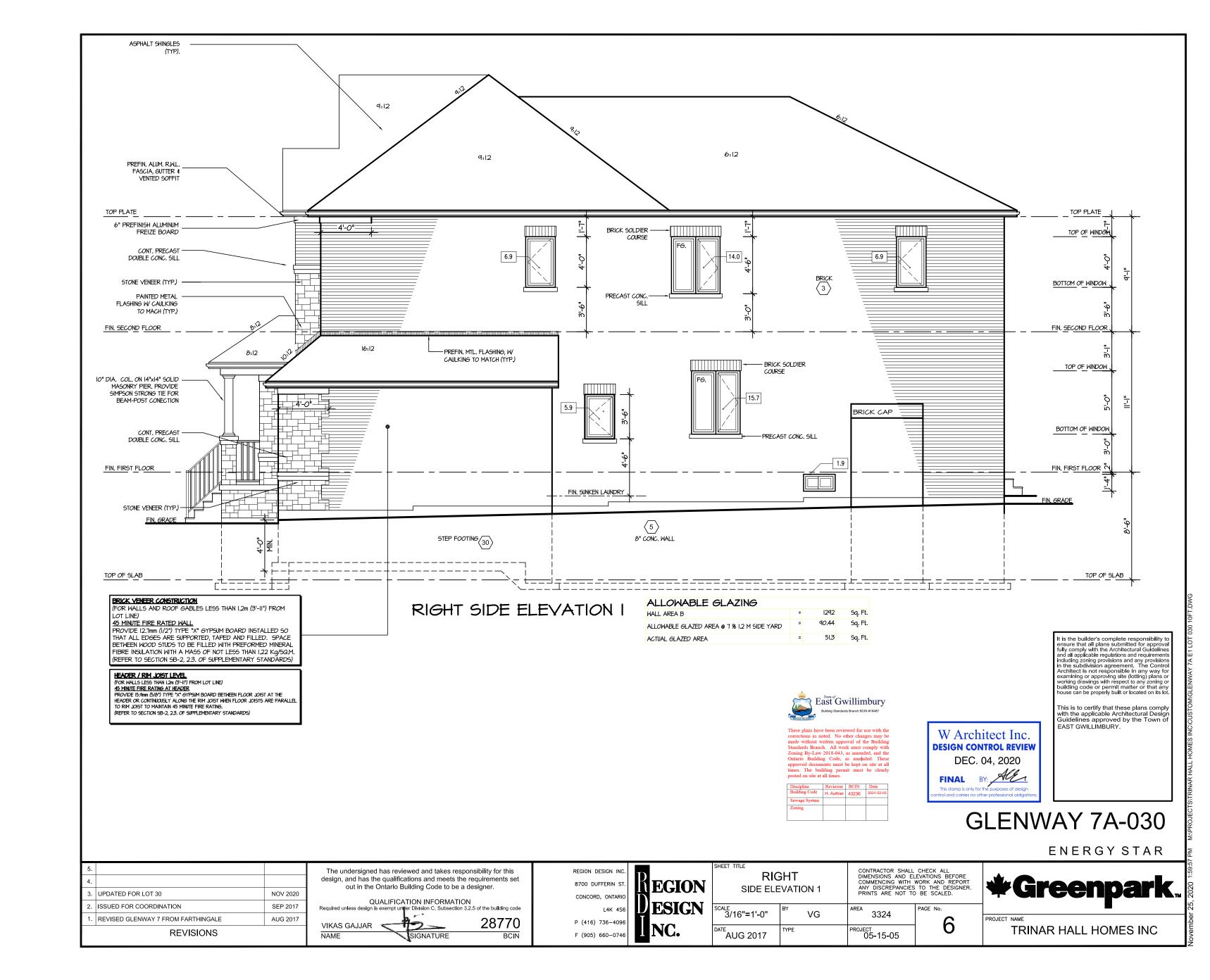


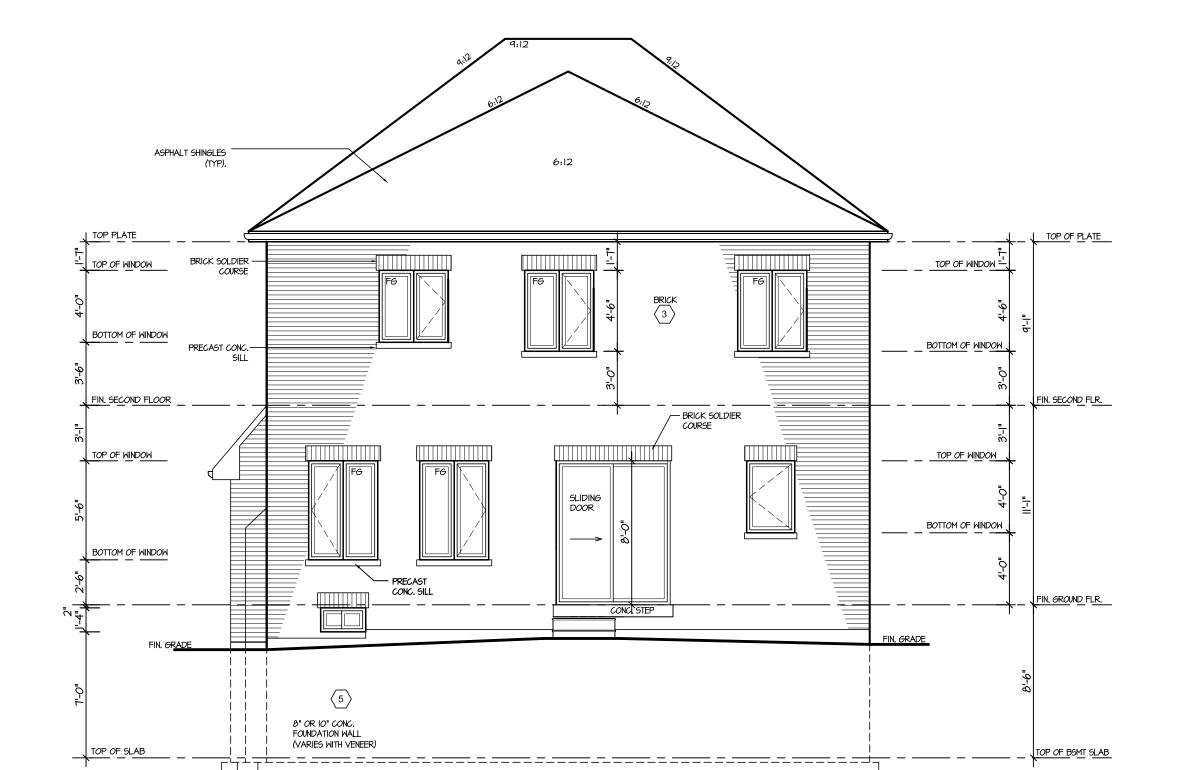














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Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



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 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 pullding code or permit matter or that any nouse can be properly will tor 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.

GLENWAY 7A-030

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.

REAR ELEVATION I

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

VIKAS GAJJAR
NAME
SIGNATURE
BCIN



N	REAR ELEVATION 1		CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		
N	3/16"=1'-0"	by VG	AREA 3324	PAGE No.	
	AUG 2017	TYPE	PROJECT 05-15-05	/	



