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. FLAT WORK) TO BE 32 MPa WITH 5-8% AIR ENTRAITMENT

BRICK VENEER LINTELS

 $\overline{\text{WLI}} = 3 - 1/2 \text{"x} - 1/2 \text{"x} 1/4 \text{"L} / 90 \times 90 \times 6.0 \text{L}) + 2 - 2 \text{"x} 8 \text{"} SPR. No.2$ 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.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 2

WL9 = 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" × 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

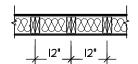
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

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

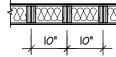
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID
BLOCKING 4'-O" O.C. VERTICAL AND 7/16"
EXT. PLYWOOD SHEATHING.



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

TWO STORY HEIGHT WALL DETAIL

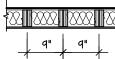
2 - I I/2" x 5 I/2" TIMBERSTRAND (LSL) I.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @IO"O.C. FULL HT C/W SOLID BLOCKING MAX. &'-O"O.C. VERTICAL AND T/16" EXT. OSB SHEATHING.



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

Ì	AREA CALCULATIONS			El	_EV. I
ı	GROUND FLOOR AREA	=		1502	Sq. Ft.
ı	SECOND FLOOR AREA	=		1812	Sq. Ft.
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.
'n	ADD TOTAL OPEN AREAS	=		10	L
ı	ADD FIN. BASEMENT AREA	=		0	Sq. Ft.
	GROSS FLOOR AREA	=		3324	Sq. Ft.
_				308.81	· ·
l	GROUND FLOOR COVERAGE	=		1502	L
ı	GARAGE COVERAGE /AREA	=		400	L
_	PORCH COVERAGE / AREA	=		0	Sq. Ft.
Ì	TOTAL COVERAGE W/ PORCH	=		2012	Sq. Ft.
ı		=		186.92	
I	TOTAL COVERAGE WO PORCH	II		1902	Sq. Ft.
I		=		176.70	Sq. m.

GLENWAY 7A -	ENERGY STAR				
ELEVATION	WALL FT ²	(WALL M²)	OPENING FT ²	(OPENING M²)	PERCENTAGE
FRONT	779.76	(72.44)	100.37	(4.32)	12.87 %
LEFT SIDE	1250.51	(116.18)	76.58	(T.II)	6.12 %
RIGHT SIDE	1293.96	(120.21)	68.25	(6.34)	5.21 %
REAR	768.43	(71.39)	158.33	(14.71)	20.60 %
TOTAL	4092.66 FT ²	(380.22 M²)	403.53 FT ²	(37.49M²)	9.86 %

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

ENERGY STAR V-17 COMPONENT NOTE MINIMUM RSI (R) VALUE (R60) CEILING WITHOUT ATTIC SPACE (R31) MINIMUM RSI (R) VALUE 5.46 (R31) EXPOSE FLOOR MINIMUM RSI (R) VALUE

WALLS ABOVE GRADE 4.75 MINIMUM RSI (R) VALUE (R22+R5) BASEMENT WALLS (R20 BLANKET) MINIMUM RSI (R) VALUE EDGE OF BELOW GRADE SLAB (RIO) MINIMUM RSI (R) VALUE SLAB < 600mm BELOW GRADE MINIMUM RSI (R) VALUE WINDOWS & SLIDING GLASS DOORS ENERGY STAR ® ZONE 2 (ER 29/UV 1.4) MAXIMUM U-VALUE SPACE HEATING EQUIPMENT MIN. 96% AFUE ELECTRONIC SPARK IGNITION GAS FIREPLACE TIER 2 75% SRE ENERGY STAR $^{ ext{R}}$ HRV T MINIMUM EFFICIENCY BE INTERCONNECTED TO THE FURNACE FAIRMUST BE BALANCED INDICATING ON HIGH SPEED FRESH/STALE HOT WATER TANK CONDENSING HOT WATER TANK 90% TE DRAIN WATER HEAT RECOVER WO SHOWERS > 42% STEADY R3-42 OR



These plans have been reviewed for use with th 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 amehded. These approved documents must be kept on site at all times. The building permit must be clearly posted on site at all times. posted on site at all times.

Building Code	T.L. Assabetase		
	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

Model Review BY....cfoster.. DATE21/0.1/2021.



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.



5.		
4.		
3.	UPDATED FOR LOT 18	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
design is exempt under Division C, Subsection 3.2.5 of the building code

28770 VIKAS GAJJAR SIGNATURE NAME BCIN

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

AIR TIGHTNESS MUST MEET MINIMUM

DUCT SEALING

LIGHTS

	SHEET
ION	
IGN	SCALE 3/
•	DATE

75% CFLs OR LEDs

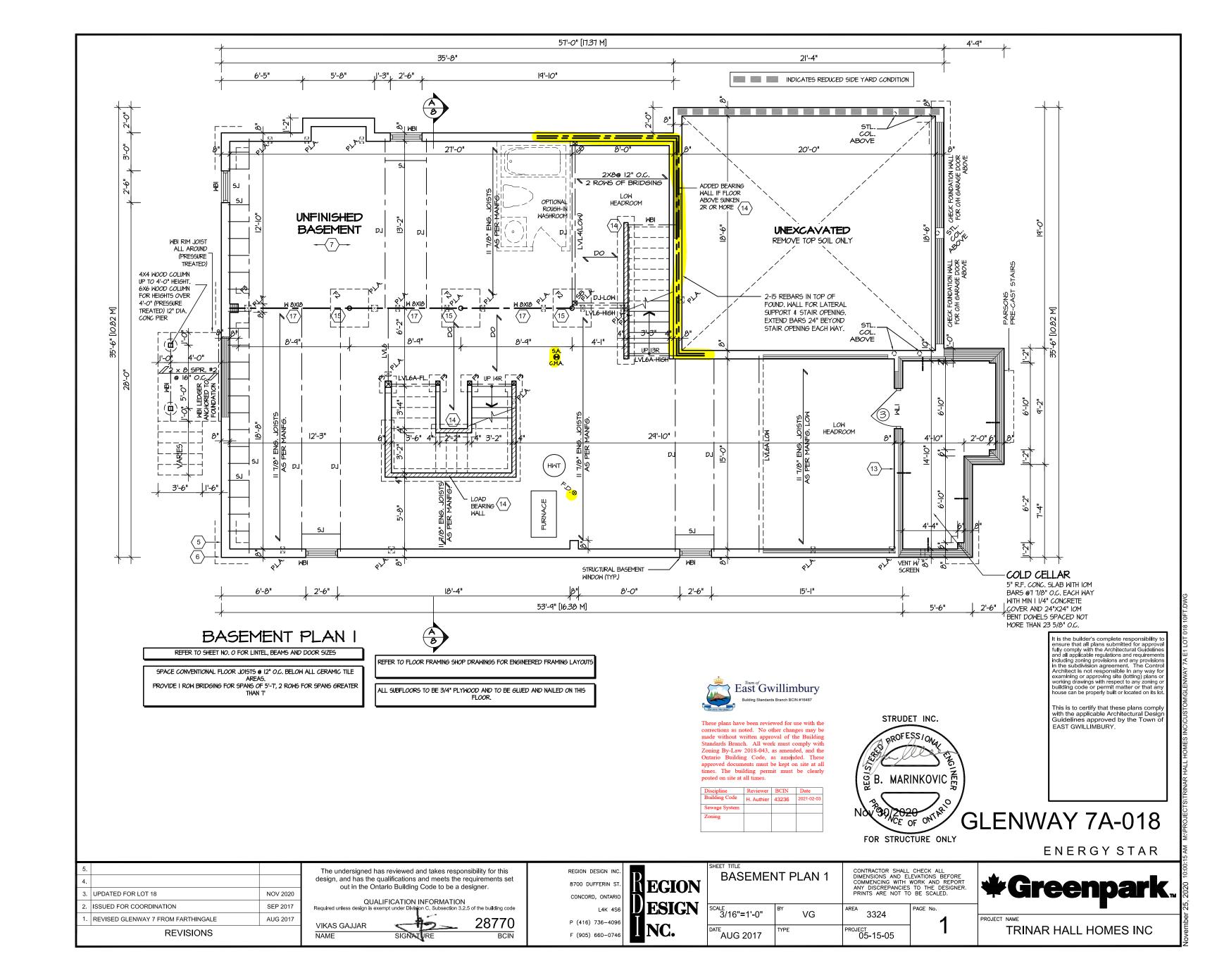
ATTACHED LEVEL I (3.0 ACH/0.26 NLR)

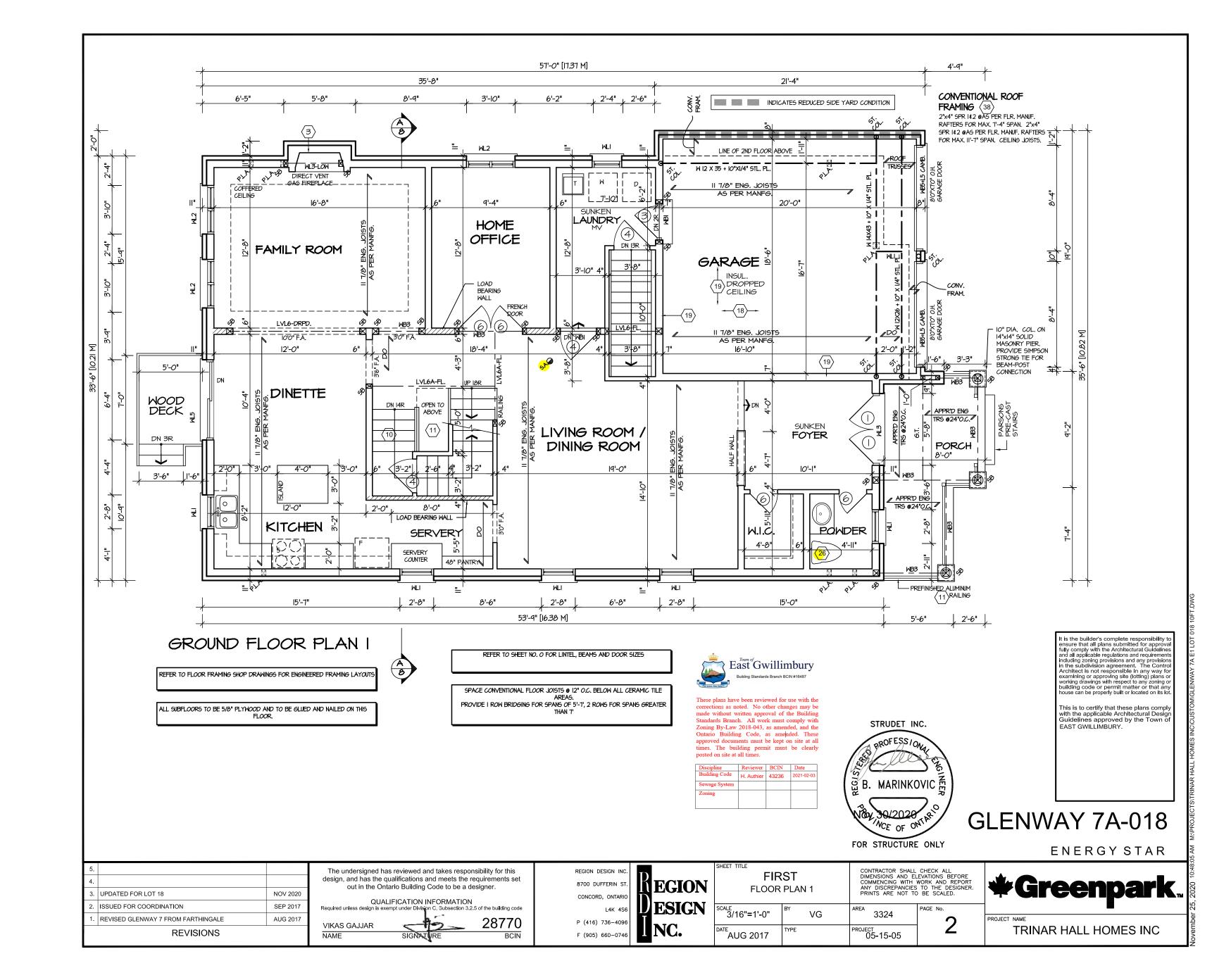
ALL SUPPLY DUCTS AND I m OF RETURN

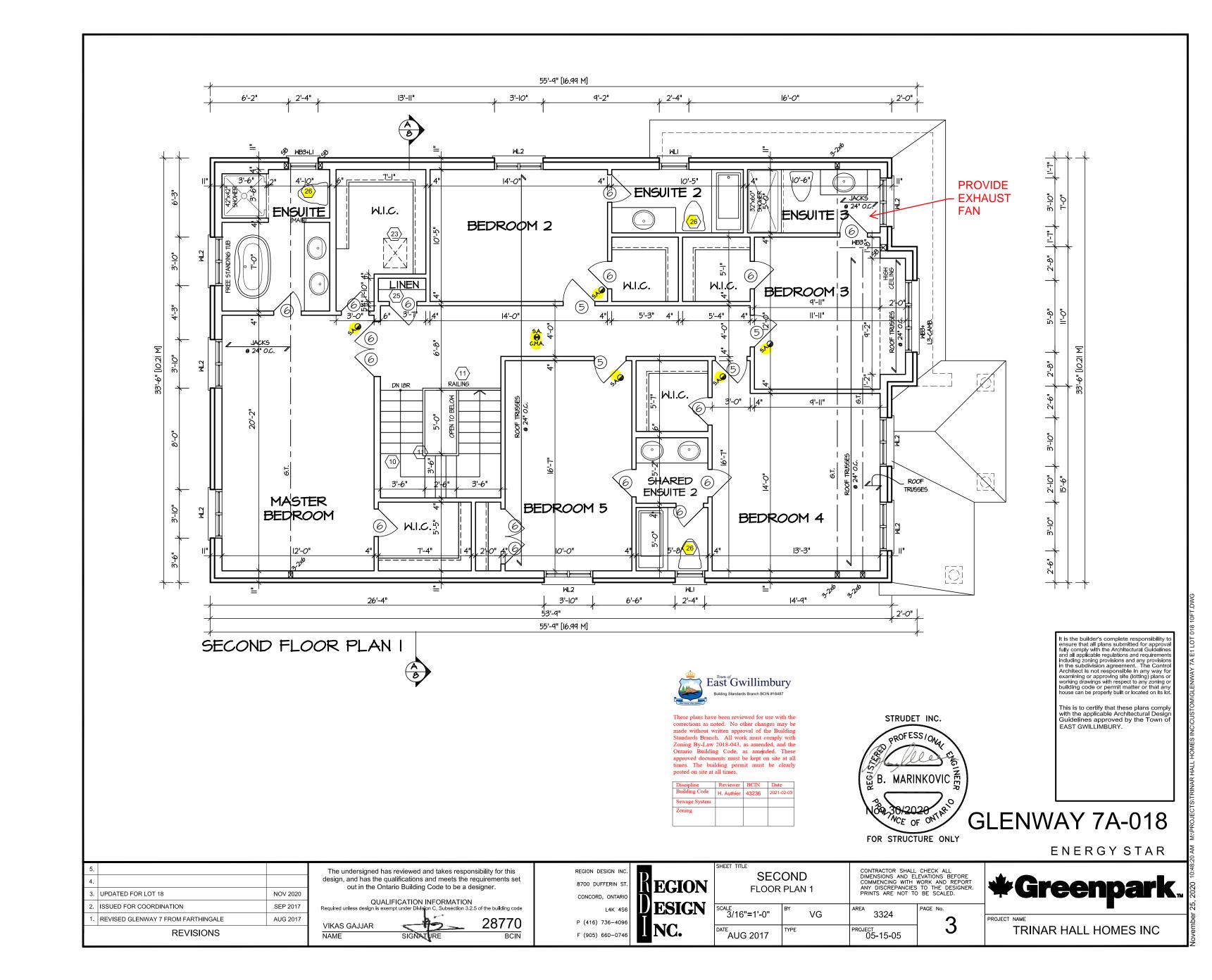
			ENERGY	'STAR - V 17
ſ	AREA C	CHARTS	CONTRACTOR SHALL DIMENSIONS AND EL COMMENCING WITH ANY DISCREPANCIES PRINTS ARE NOT TO	EVATIONS BEFORE WORK AND REPORT TO THE DESIGNER.
	3/16"=1'-0"	by VG	3324	PAGE No.
	AUG 2017	TYPE	PROJECT 05-15-05	O

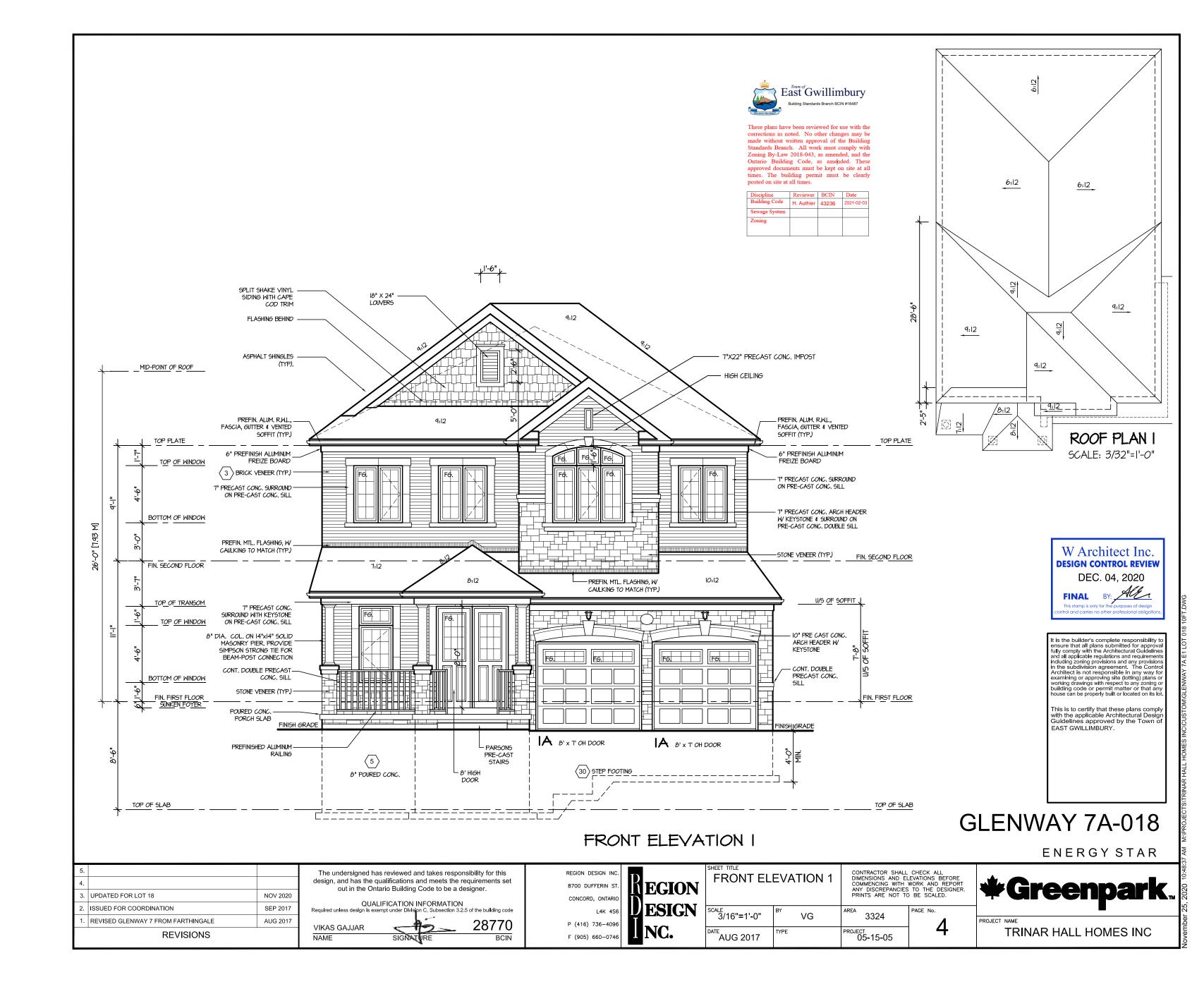


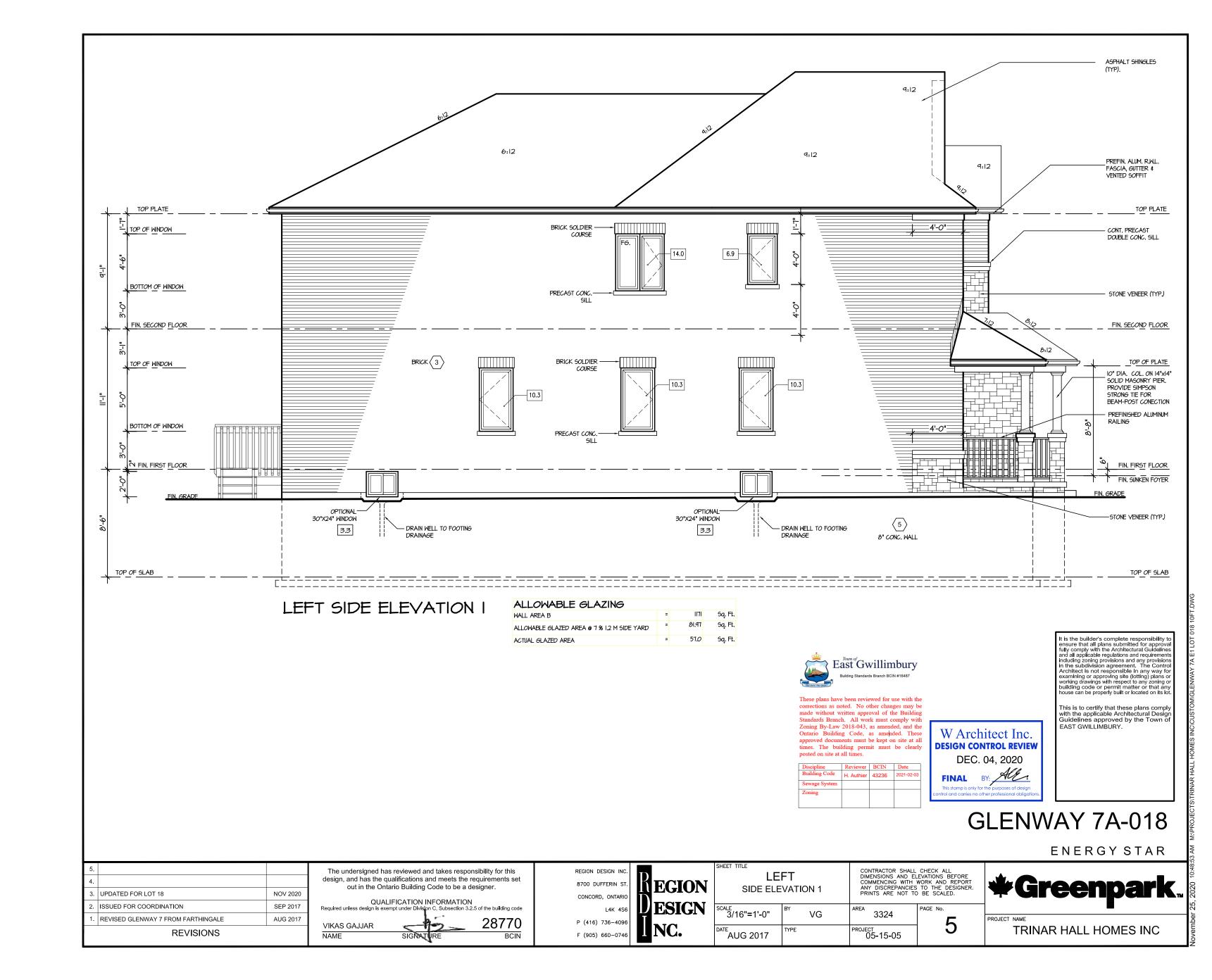
PROJECT NAM TRINAR HALL HOMES INC

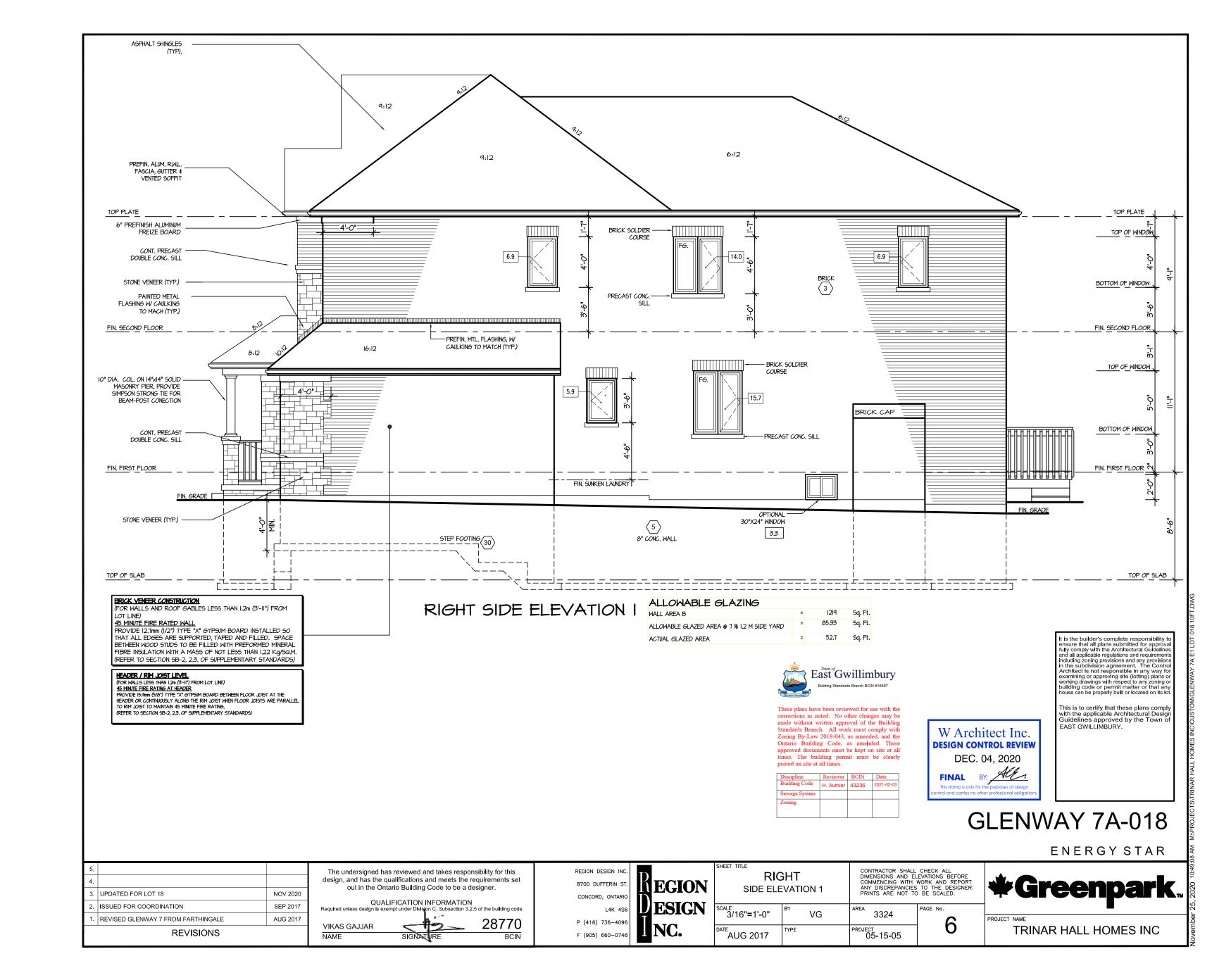


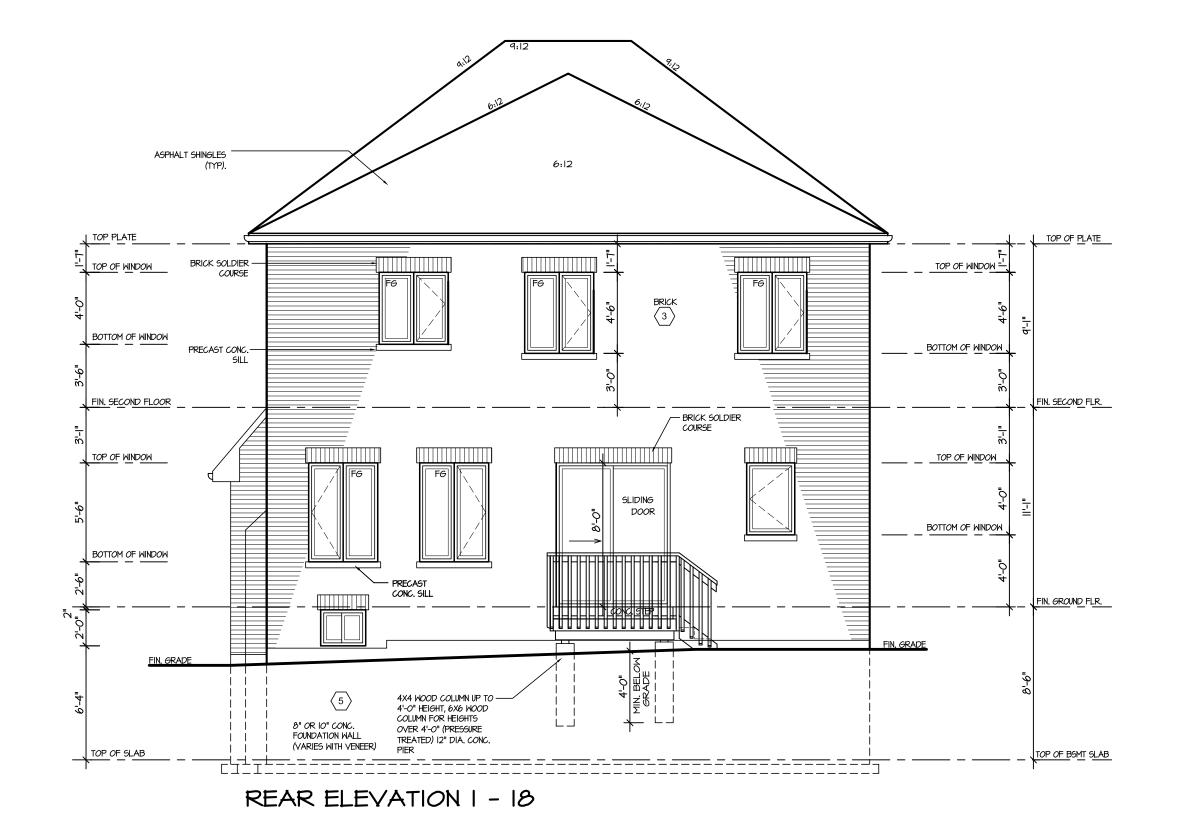














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Discipline	Reviewer	BCIN	Date
Building Code	H. Authier	43236	2021-02-03
Sewage System			
Zoning			



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

GLENWAY 7A-018

ENERGY STAR

5.						
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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 28770 VIKAS GAJJAR NAME BCIN

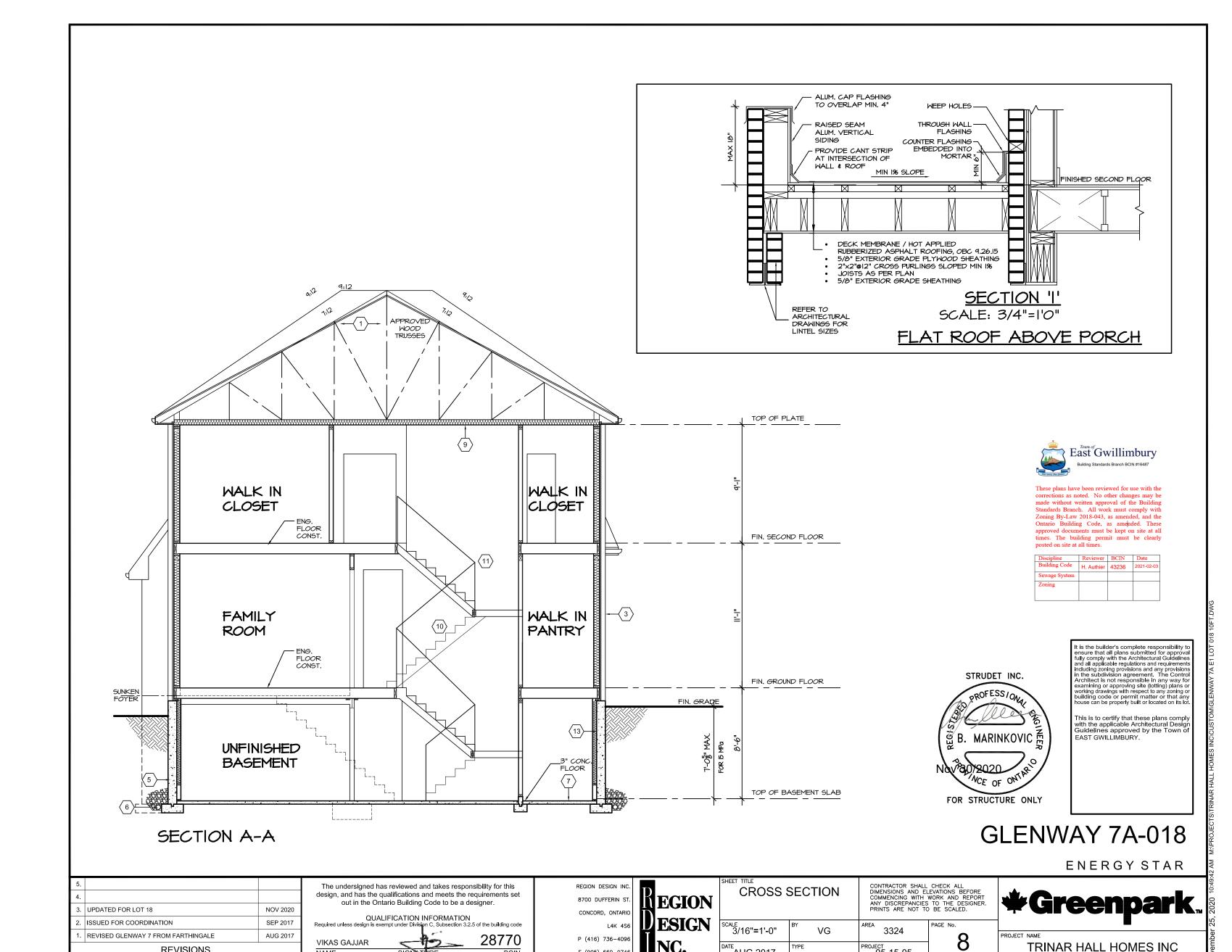
REGION DESIGN INC. REGION 8700 DUFFERIN ST. CONCORD, ONTARIO **ESIGN** L4K 4S6 P (416) 736-4096 F (905) 660-0746

3/16"=1'-0" AUG 2017

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. **REAR ELEVATION 1** VG 3324 ROJECT 05-15-05



TRINAR HALL HOMES INC



F (905) 660-0746

BCIN

TRINAR HALL HOMES INC

05-15-05

AUG 2017

VIKAS GAJJAR

NAME

SIGNATURE

REVISIONS