FOUNDATION WALLS WITH ENGINEEED 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 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 FI = 42"x42"xI8" CONCRETE PAD

90 KPa ENGINEERED FILL SOIL

F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD

FI = 48"x48"x20" CONCRETE PAL F2 = 40"x40"x16" CONCRETE PAL F3 = 34"x34"x14" CONCRETE PAD F4 = 28"x28"x12" 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

WLI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L) + 2-2"x8" SPR. No.2ML2 = 4"x3-1/2"x5/16"L (100x90x8.0L) + 2-2"x8" SPR. No.2 WL3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2 $\begin{array}{l} \text{WL4} = 6\text{"x3-l/2"x3/8"L} & (150\text{x90x}|0.0\text{L}) + 2-2\text{"x}|2\text{"} & \text{SPR. No.2} \\ \text{WL5} = 6\text{"x4"x3/8"L} & (150\text{x}|0.0\text{L}) + 2-2\text{"x}|2\text{"} & \text{SPR. No.2} \\ \text{WL6} = 5\text{"x3-l/2"x5/l6"L} & (125\text{x90x8.0L}) + 2-2\text{"x}|2\text{"} & \text{SPR. No.2} \\ \text{WL6} = 5\text{"x3-l/2"x5/l6"L} & (125\text{x90x8.0L}) + 2-2\text{"x}|2\text{"} & \text{SPR. No.2} \\ \end{array}$

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)

= 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2) = 3-2"x12" SPR. No.2 (3-38x286 SPR. No.2)

MB7 = 5-2"X|2" SPR. No.2 (5-38x286 SPR. No.2) WBII = 4-2"X|0" SPR. No.2 (4-38x285 SPR. No.2) WBI2 = 4-2"X|2" SPR. No.2 (4-38x286 SPR. No.2)

LAMINATED VENEER LUMBER (LVL) BEAMS

LVLIA = I-I 3/4" x 7 I/4" (I-45x184)

LVLIA = I-I 3/4" x 7 I/4" (I-45xl84) LVLI = 2-I 3/4" x 7 I/4" (2-45xl84) LVL2 = 3-I 3/4" x 7 I/4" (3-45xl84) LVL3 = 4-I 3/4" x 7 I/4" (4-45xl84) LVL4A = I-I 3/4" x 9 I/2" (I-45x240) LVL4 = 2-I 3/4" x 9 I/2" (2-45x240) LVL5 = 3-I 3/4" x 9 I/2" (3-45x240) LVL5A = 4-I 3/4" x 9 I/2" (4-45x300) LVL6A = I-I 3/4" x II 7/8" (1-45x300) LVL6 = 2-I 3/4" x II 7/8" (3-45x300) LVL7A = 4-I 3/4" x II 7/8" (4-45x300) LVLA = 2-I 3/4" x II 7/8" (4-45x300) LVLA = 2-I 3/4" x II 7/8" (4-45x300)

LVLØ = 2-I 3/4" x I4" (2-45x356) LVL9 = 3-I 3/4" x I4" (3-45x356) LVLIO = 2-I 3/4" x I8" (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)

 $15 = 6 \times 4 \times 3 / 8 \times 100 \times 1$ L6 = 7"x4"x3/8"L (175x100x10.0L)

Door Schedule

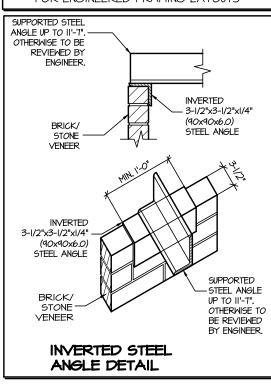
NOS.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT IO' OR MORE CEILING	TYPE		
1	2'-10"	6'-8"	8'-0"	INSULATED ENTRANCE DOOR		
la	2'-8"	6'-8"	8'-0"	INSULATED FRONT DOORS		
2	2'-8"	6'-8"	8'-0"	WOOD & GLASS DOOR		
3	2'-8"	6'-8"	8'-0"	EXTERIOR SLAB DOOR		
4	2'-8"	6'-8"	8'-0"	INTERIOR SLAB DOOR		
5	2'-6"	6'-8"	8'-0"	INTERIOR SLAB DOOR		
6	2'-2"	6'-8"	8'-0"	INTERIOR SLAB DOOR		
7	1'-6"	6'-8"	8'-0"	INTERIOR SLAB 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



RECEIVED OWN OF MILTON MAR 29, 2017 17-4690 **BUILDING DIVISION**

SCOTT SHERRIFFS

GENERAL NOTES/CONSTRUCTION DETAILS Reviewed model drawings to be read in conj unction with reviewed general notes nstructions details and specifications

TOWN OF MILTON PLANNING AND DEVELOPMENT MILTON **BUILDING PERMIT: 17-4690** BUILDING: REVIEWED

consibility for compliance with the provision ario Building Code Act and the Ontario Buil de, both as amended, as well as other app

APR 19, 2017

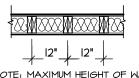
THE MINIMUM THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING

2012 ENERGY STAR V-12.7					
COMPONENT	NOTE				
CEILING WITH ATTIC SPACE MINIMUM RSI (R) VALUE	8.81 (R50)				
CEILING WITHOUT ATTIC SPACE MINIMUM RSI (R) VALUE	5.46 (R3I)				
EXPOSE FLOOR MINIMUM RSI (R) VALUE	5.46 (R31)				
WALLS ABOVE GRADE MINIMUM RSI (R) VALUE	4,4 (R2O+R5)				
BASEMENT WALLS MINIMUM RSI (R) VALUE	3.52 (R2O BLANKET)				
EDGE OF BELOW GRADE SLAB 4 600mm BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (RIO)				
WINDOWS & SLIDING GLASS DOORS MAXIMUM U-VALUE	ENERGY STAR ® ZONE C (ER 29/JV 1.4)				
SPACE HEATING EQUIPMENT MINIMUM AFUE	95% ENERGY STAR ® WITH ECM				
GAS FIREPLACE	ELECTRONIC SPARK IGNITION				
HRV MINIMUM EFFICIENCY	TIER 2 65% SRE ENERGY STAR ® HRV TO BE INTERCONNECTED TO THE FURNACE FAN MUST BE BALLANCED INDICATING ON HIGH SPEED FRESH/STALE				
HOT WATER TANK	CONDENSING HOT WATER TANK 90% TE ENVIROSENCE				
DRAIN WATER HEAT RECOVERY	ONE SHOWER > 42% STEADY R3-42 OR TD342				
AIR TIGHTNESS MUST MEET MINIMUM	DETACHED LEVEL I (2.5 ACH/O.I& NLR) ATTACHED LEVEL I (3.0 ACH/O.26 NLR)				
DUCT SEALING	ALL SUPPLY DUCTS I m (HORIZONTAL) OF RETURN DUCTS				
LIGHTS	75% CFLs OR LEDs				

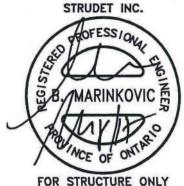
	ELEV. 3		
=		1558	Sq. Ft.
=		1906	Sq. Ft.
=		3464	Sq. Ft.
		321.82	Sq. M.
=	0		Sq. Ft.
=	10		Sq. Ft.
=		10	Sq. Ft.
=		0	Sq. Ft.
=		3474	Sq. Ft.
		322.75	Sq. M.
=		322.75 1558	,
=			Sq. Ft.
		1558	Sq. Ft. Sq. Ft.
=		1558 389	Sq. Ft. Sq. Ft. Sq. Ft.
=		1558 389 40	5q. Ft. 5q. Ft. 5q. Ft. 5q. Ft.
=		1558 389 40 1 987	5q. Ft. 5q. Ft. 5q. Ft. 5q. Ft. 5q. m.
	= = = =	=	= 1558 = 1906 = 3464 321.82 = 0 = 10 = 10

JUNIPER 9	UNIPER 9			ENERGY STAR		
ELEVATION WALL FT2		WALL MT ² OPENING FT ²		OPENING MT ² PERCENTA		
FRONT	913.12	84.83	142.67	13.25	15.62 %	
LEFT SIDE	1375.62	127.80	99.08	9.20	7.20 %	
RIGHT SIDE	1323 <i>.0</i> 3	122.91	41.00	3.81	3.10 %	
REAR	<i>850.3</i> 5	79.00	160.68	14.93	18.90 %	
TOTAL	4462.12	414.54	443.43	41.20	9.94 %	

2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/W SOLID BLOCKING 4'-0" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



TWO STORY HEIGHT WALL DETAIL



energy ESCC MODEL

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of MILTON. ARCHITECTURAL REVIEW & APPROVAL MAR 2/0 201/ John G. Williams Limited, Architect

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 provision in the subdivision agreement. The Contro Architect is not responsible in any way fo examining or approving site (lotting) plans o working drawings with respect to any zoning o building code or permit matter or that any house can be properly built or located on its lot

JUNIPER 9-100

ENERGY STAR

5.		
4.		
3.		
2.	CUSTOM LOT-100. 9'2" FND, 10' FF	MAR 2017
1.	ISSUED FOR REVIEW	SEP 2016

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

28770 VIKAS GAJJAR SIGNATURE

NAME

P (416) 736-4096

F (905) 660-0746



Τ.	TITLE	
	AREA CHARTS	
	7111271 011711110	

3/16"=1'-0"

JUL 2016

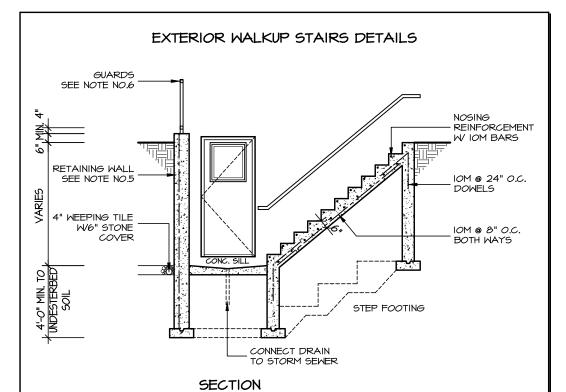
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

V.G. 3485 0 02-10-16



ROJECT NAME LECCO RIDGE

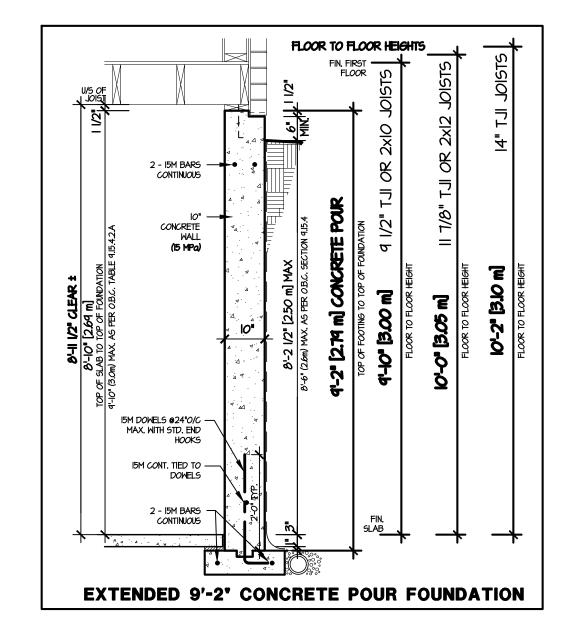
MILTON

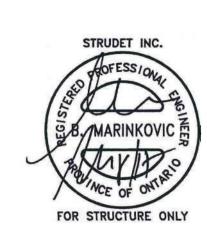


GENERAL NOTES:

- CONCRETE
 MINIMUM COMPRESSIVE STRENGTH OF 32 MPa (4650 psi) @ 28 DAYS W 5% TO 8% AIR ENTRAINMENT.
- EXTERIOR STAIRS 7 7/8" RISE MAXIMUM 8 I/4" RUN MINIMUM
- 9 1/4" TREAD MINIMUM <u>INSULATIO</u>N
- FOR INSULATION VALUE & VAPOUR BARRIER LOCATION REFER TO NOTE 13 OF STANDARD
- RETAINING WALL

 10" POURED CONCRETE W/ NO REINFORCING REQUIRED FOR WALL HEIGHTS TO A MAX. OF 4'-7". PROVIDE 15M VERTICAL REINFORCEMENT @ 16" O.C. AND 15M HORIZONTAL REINFORCEMENT @ 24" O.C. FOR WALL HEIGHTS TO 7'-O". RETAINING WALL TO RESIST LATERAL DESIGN LOADS AS PER OBC DIVISION B SECTION 4.1.5.16.
- GUARDS
 3'-6" HIGH WHERE DISTANCE FROM GRADE TO BOTTOM OF WALKOUT EXCEEDS 5'-II": 2'-II" FOR LESSER HEIGHTS. MAXIMUM 4" BETWEEN VERTICAL PICKETS.





02-10-16

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ESCC MODEL

JUNIPER 9-100 ENERGY STAR

5.		
4.		
3.		
2.	CUSTOM LOT-100. 9'2" FND, 10' FF	MAR 2017
1.	ISSUED FOR REVIEW	SEP 2016

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

28770 VIKAS GAJJAR NAME SIGNATURE

P (416) 736-4096 F (905) 660-074



AREA CHARTS

3/16"=1'-0"

JUL 2016

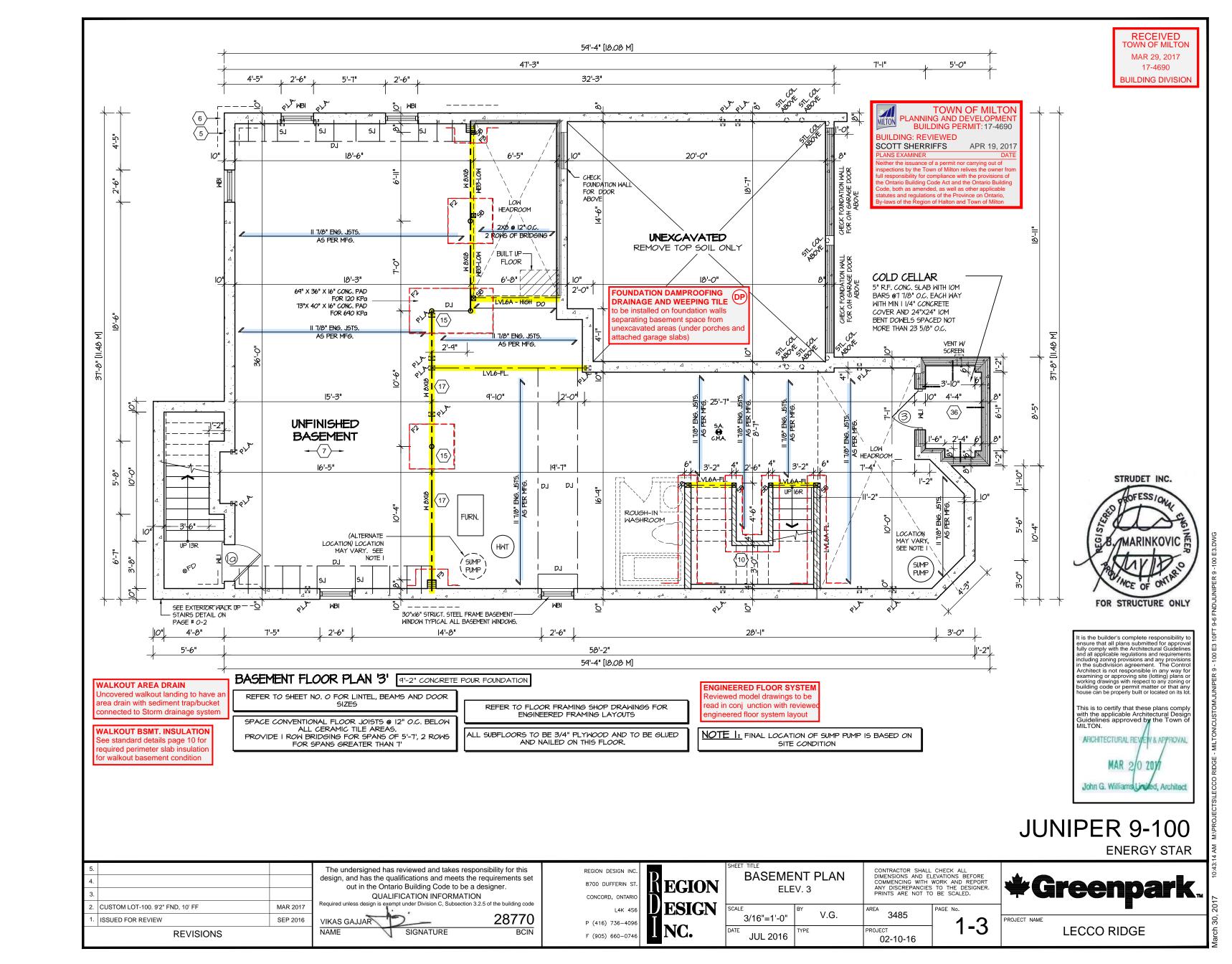
V.G.

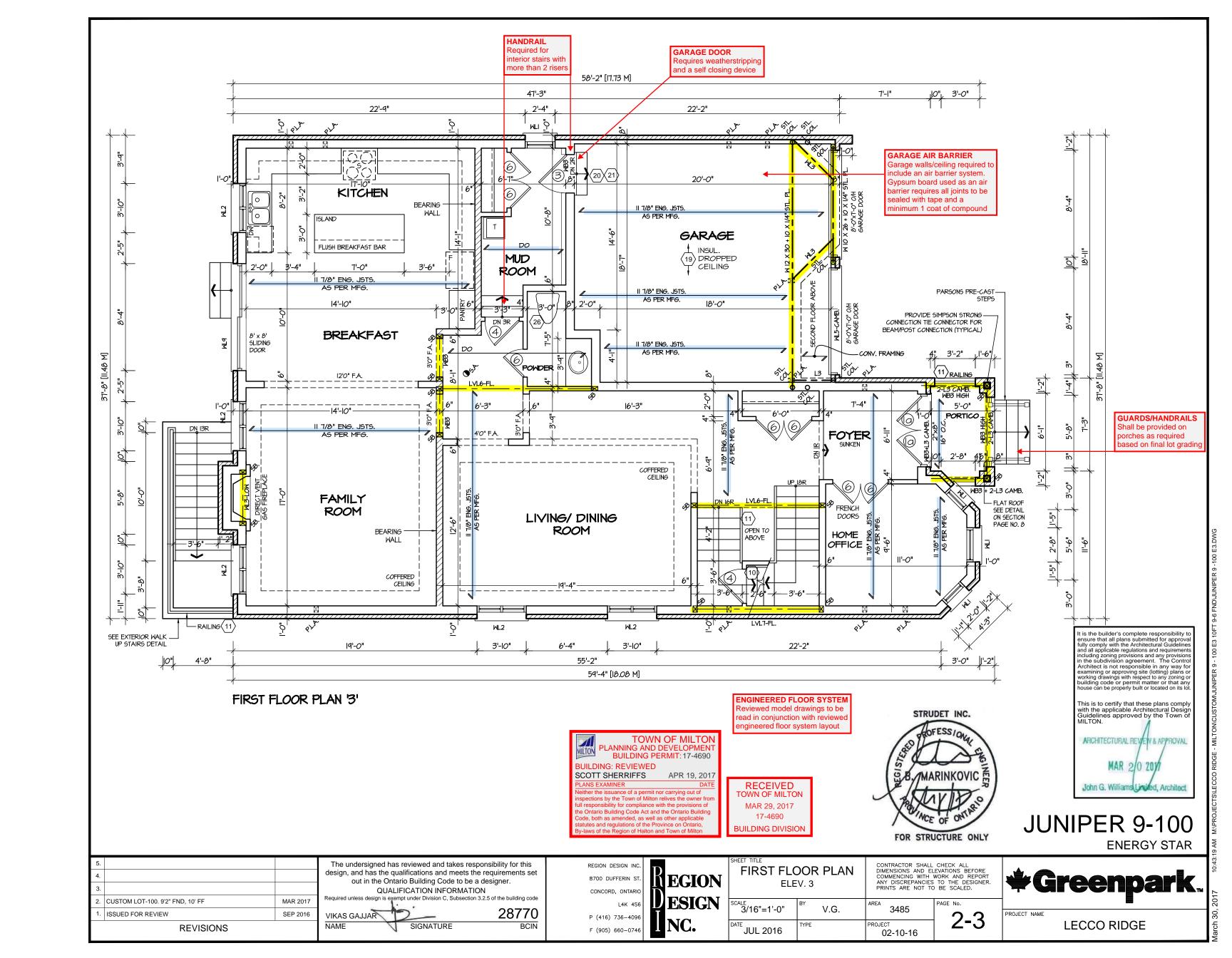
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. 3485 0-2

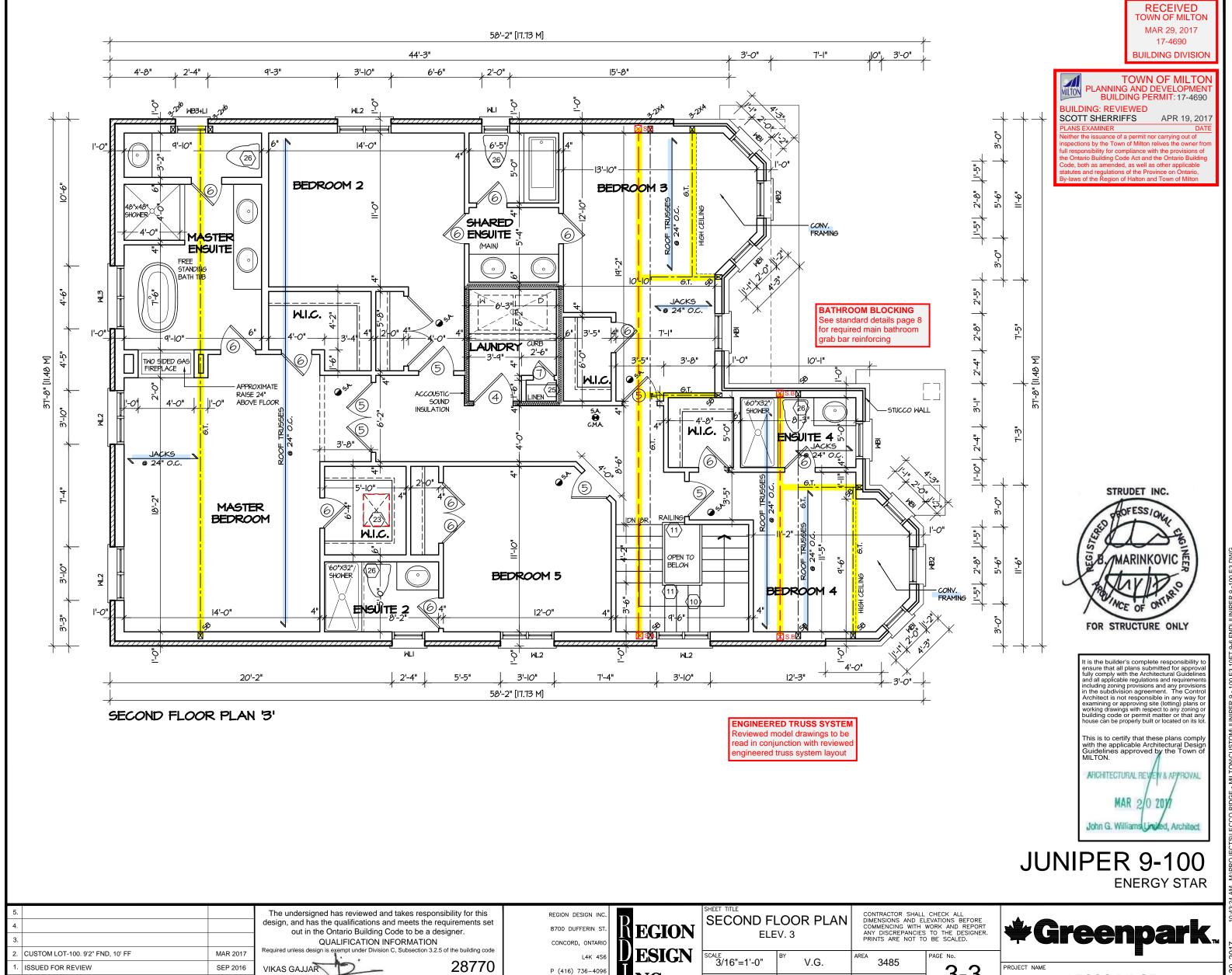
Greenpark

ROJECT NAME

LECCO RIDGE







P (416) 736-4096

F (905) 660-0746

JUL 2016

ISSUED FOR REVIEW

REVISIONS

SEP 2016

VIKAS GAJJAR

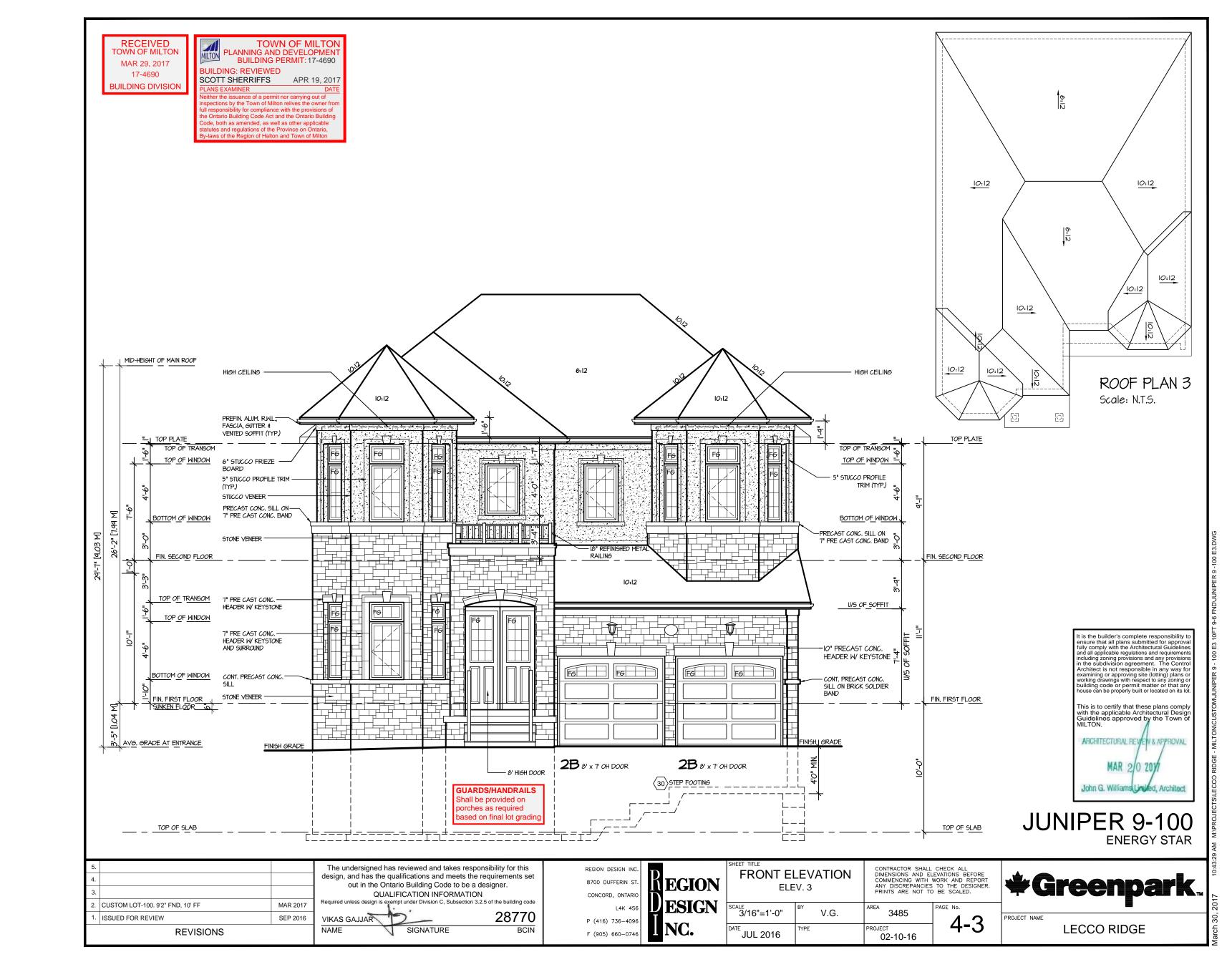
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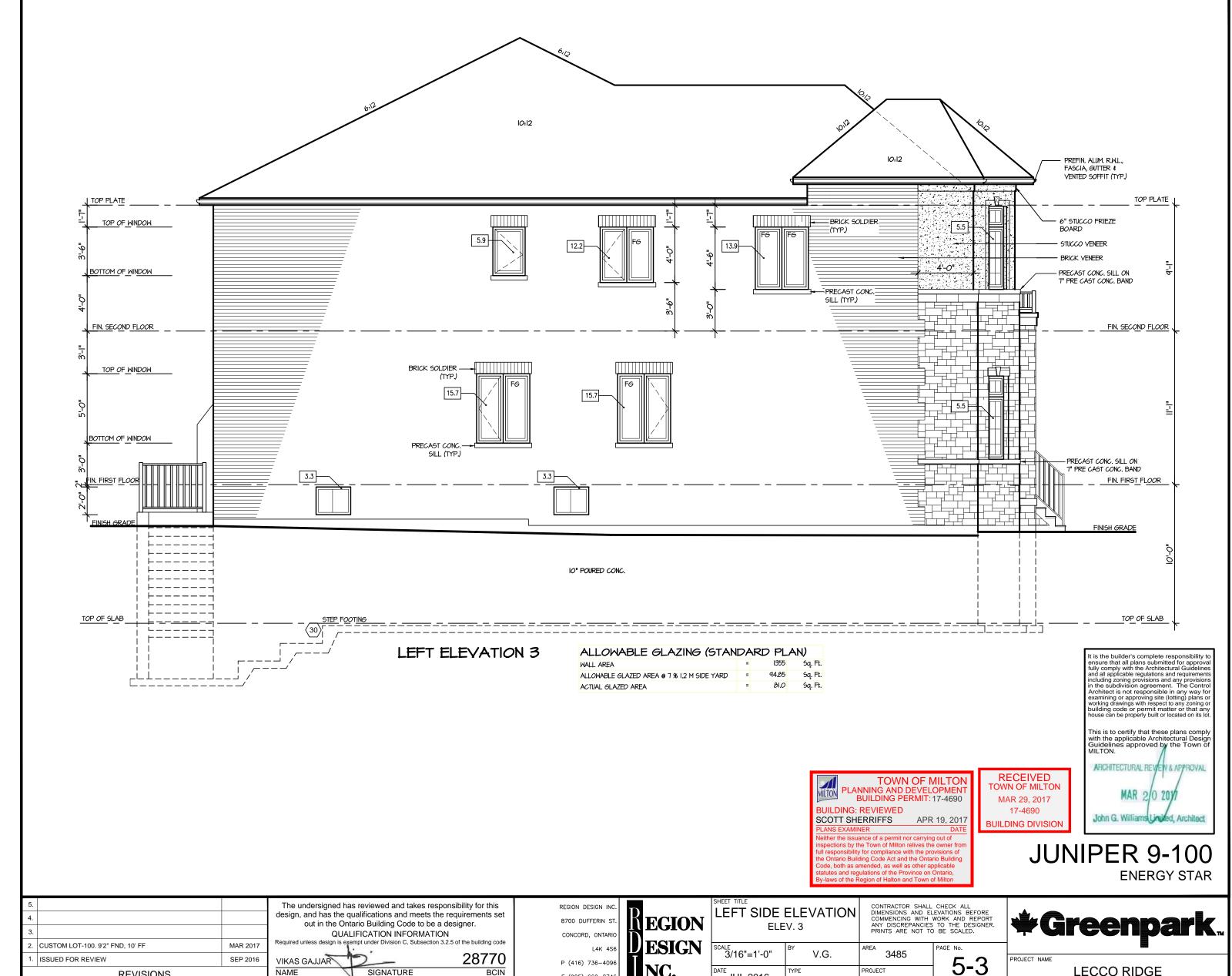
NAME

LECCO RIDGE

3-3

02-10-16





F (905) 660-0746

JUL 2016

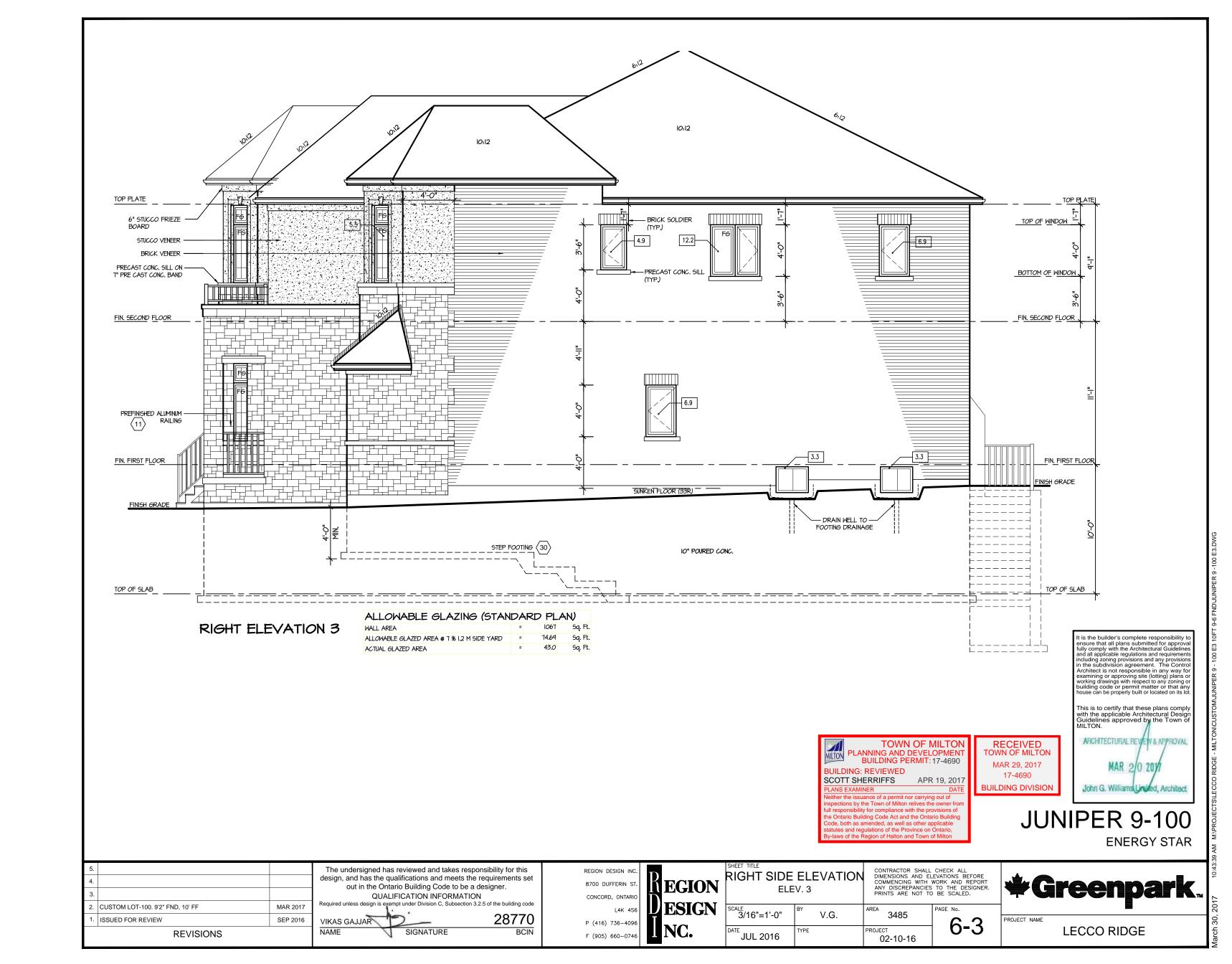
02-10-16

NAME

REVISIONS

SIGNATURE

LECCO RIDGE

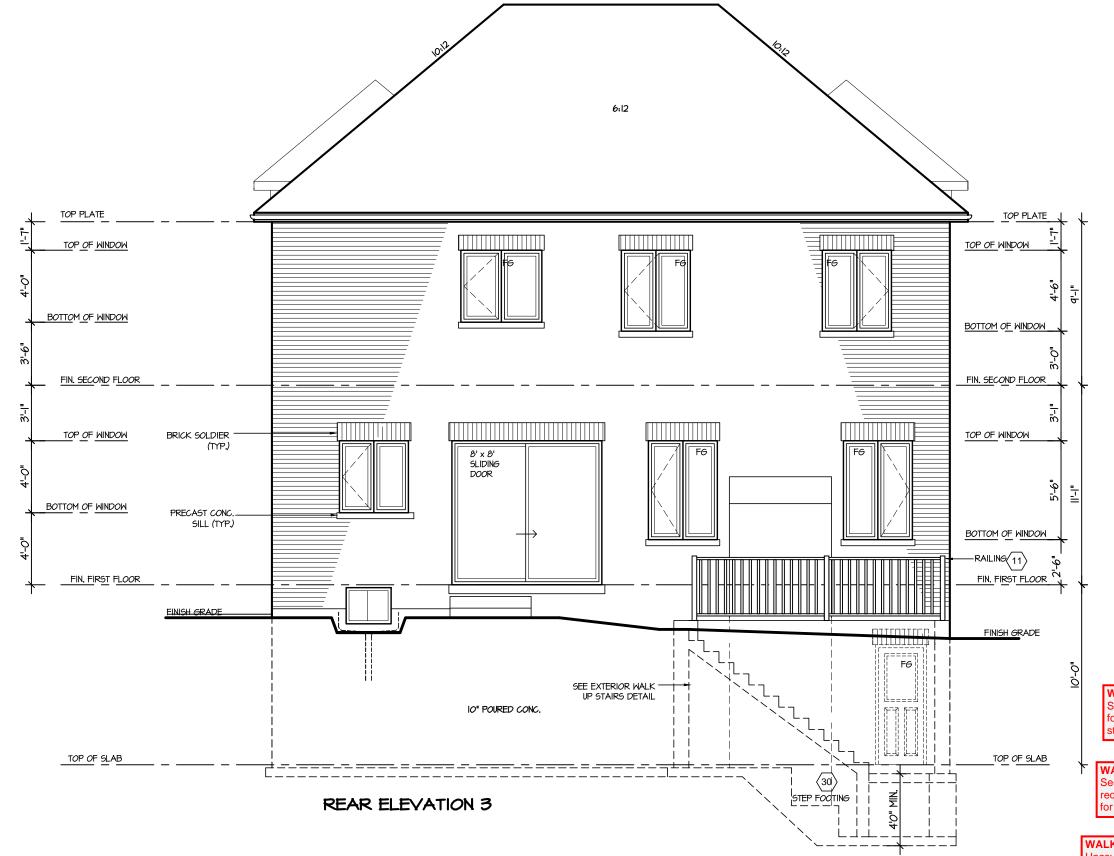




BUILDING: REVIEWED

SCOTT SHERRIFFS APR 19, 2017

Neither the issuance of a permit nor carrying out of inspections by the Town of Milton relives the owner fror full responsibility for compliance with the provisions of the Ontario Building Code Act and the Ontario Building Code, both as amended, as well as other applicable statutes and regulations of the Province on Ontario, By-laws of the Region of Halton and Town of Milton



WALKOUT STAIR DETAILS
See page 2 of this drawing set
for addition walkout basement
stair construction details

WALKOUT BSMT. INSULATION
See standard details page 10 for
required perimeter slab insulation
for walkout basement condition

WALKOUT AREA DRAIN

Uncovered walkout landing to have ar area drain with sediment trap/bucket connected to Storm drainage system 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 MILTON.

MAR 2 0 2017

John G. Williams Limited, Architect

ENERGY STAR

JUNIPER 9-100

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.

The undersigned has reviewed and takes responsibility for this design inc.

REGION DESIGN INC.

8700 DUFFERIN ST.

REGION DESIGN INC.

8700 DUFFERIN

3.		out in the Ontario Building Code to be a designer. QUALIFICATION INFORMATION	CONCORD, ONTARIO	ÉGION	112711122	,,,,,
2. CUSTOM LOT-100. 9'2" FND, 10' FF	MAR 2017	Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	L4K 4S6	LESIGN	3/16"=1'-0"	BY
1. ISSUED FOR REVIEW	SEP 2016	VIKAS GAJJAR 28770	P (416) 736-4096		3/10 = 1 -0	
REVISIONS		NAME SIGNATURE BCIN	F (905) 660-0746	II NG.	JUL 2016	TYPE

Ī	INE/IIN EE		COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		
	3/16"=1'-0"	V.G.	^{AREA} 3485	PAGE No.	
	JUL 2016	TYPE	PROJECT 02-10-16	1	



LECCO RIDGE

