8" OR IO" FOUNDATION WALLS WITH 2"x8" / 2"XIO" FLOOR JOISTS 24"x8" CONCRETE STRIP FOOTINGS BELOW PARTY WALLS.

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

90 KPa ENGINEERED FILL SOIL

FI = 42"x42"x18" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD FI = 48"x48"x20" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAI F5 = 18"x18"x8" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD

(REFER TO ELOOR 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 ML3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2

WL4 = 6"x3-1/2"x3/8"L (150x90x10.0L) + 2-2"x12" SPR. No.2

 $\begin{array}{l} \text{ML5} = 6\text{"x4"x3/8"L} & \text{(150x(10.0L)} + 2-2\text{"x12"} & \text{SPR. No.2} \\ \text{ML6} = 5\text{"x3-1/2"x5/16"L} & \text{(125x90x8.0L)} + 2-2\text{"x12"} & \text{SPR. No.2} \\ \text{ML7} = 5\text{"x3-1/2"x5/16"L} & \text{(125x90x8.0L)} + 3-2\text{"x10"} & \text{SPR. No.2} \\ \text{ML7} = 5\text{"x3-1/2"x5/16"L} & \text{(125x90x8.0L)} + 3-2\text{"x10"} & \text{SPR. No.2} \\ \end{array}$ $ML\theta = 5'\times3-1/2'\times5/16''L$ (125×90×8·0L) + 3-2'×12" SPR. No.2 $ML\theta = 6''\times4''\times3/6''L$ (150×100×10.0L) + 3-2''×12" SPR. No.2

WOOD LINTELS AND BEAMS

WBI = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2) WB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2)

MB3 = 2-2"x10" SPR. No.2 (2-36x235 SPR. No.2) MB4 = 3-2"x10" SPR. No.2 (3-36x235 SPR. No.2) MB5 = 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2)

= 3-2"x12" SPR. No.2 (3-38x286 SPR. No.2) = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2)

WBII = 4-2"xIO" SPR. No.2 (4-38x235 SPR. No.2)

LAMINATED VENEER LUMBER (LVL) BEAMS

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" 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)

LVL5 = 3-I 3/4" x 9 I/2" (3-45x240) LVL5A = 4-I 3/4" x 9 I/2" (4-45x240) LVL6A = I-I 3/4" x II 7/8" (1-45x300) LVL6 = 2-I 3/4" x II 7/8" (2-45x300) LVL7 = 3-I 3/4" x II 7/8" (3-45x300) LVL7A = 4-I 3/4" x II 7/8" (4-45x300) LVL8 = 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)

L5 = 6"x4"x3/8"L (150x100x10.0L)L6 = 7"x4"x3/8"L (175x100x10.0L)

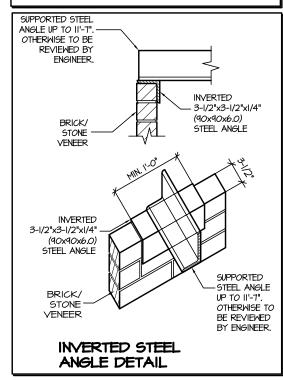
Do	OR S	CHEDU	LE_	
NOS.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT IO' OR MORE CEILING	TYPE
l la 2 3 4 5 6	2'-10" 2'-8" 2'-8" 2'-8" 2'-6" 2'-2"	6'-8" 6'-8" 6'-8" 6'-8" 6'-8" 6'-8"	8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0"	INSULATED ENTRANCE DOOR INSULATED FRONT DOORS WOOD & GLASS DOOR EXTERIOR SLAB DOOR INTERIOR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

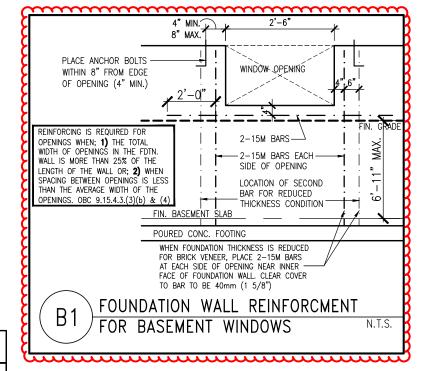


THE MINIMUM THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPME SHALL CONFORM TO THE FOLLOWING	NT

2012 ENERGY STAR V-12	2.7
COMPONENT	NOTE
CEILING WITH ATTIC SPACE MINIMUM RSI (R) VALUE	8.81 (R50)
CEILING WITHOUT ATTIC SPACE MINIMUM RSI (R) VALUE	5.46 (R31)
EXPOSE FLOOR MINIMUM RSI (R) VALUE	5.46 (R31)
WALLS ABOVE GRADE MINIMUM RSI (R) VALUE	4.4 (R20+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.18 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

AREA CALCULATIONS			ELE	V. 2
GROUND FLOOR AREA	=		1560	Sq. Ft.
SECOND FLOOR AREA	=		1898	Sq. Ft.
TOTAL FLOOR AREA	=		3458	Sq. Ft.
			321.26	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	=		3468	Sq. Ft.
			322.19	Sq. M.
GROUND FLOOR COVERAGE	=		1560	Sq. Ft.
GARAGE COVERAGE /AREA	=		389	Sq. Ft.
PORCH COVERAGE / AREA	=		38	Sq. Ft.
TOTAL COVERAGE W PORCH	=		1987	Sq. Ft.
	=		184.60	Sq. m.
TOTAL COVERAGE WO PORCH	=		1949	Sq. Ft.
	=		181.07	Sq. m.

JUNIPER 9-317		ELEV.2			
ELEVATI <i>O</i> N	MALL FT ²	WALL MT ²	OPENING FT2	OPENING MT2	PERCENTAGE
FRONT	864.19	80.29	136.29	12.66	15.77 %
LEFT SIDE	1406.59	130.68	86.00	7.99	6.11 %
RIGHT SIDE	1318.72	122.51	41.00	3.81	3.11 %
REAR	998.17	92.73	173.19	16.09	17.35 %
TOTAL	4587.67	426.21	436.48	40.55	9.51 %



GENERAL NOTES/CONSTRUCTION DETAILS eviewed drawings to be read in conjunctior rith reviewed general notes, constructions

TOWN OF MILTON PLANNING AND DEVELOPMENT BUILDING PERMIT: 17-7103 BUILDING: REVIEWED SCOTT SHERRIFFS JUN 12, 2017

RECEIVED OWN OF MILTON MAY 30, 2017 17-7103 BUILDING DIVISION





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

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

JUNIPER 9-317 ENERGY STAR

5.		
4.		
3.		
2.		
1.	REVISED FOR LOT 317	APR 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

VIKAS GAJJAR NAME

28770 SIGNATURE BCIN

REGION DESIGN INC. 8700 DUFFERIN ST.

P (416) 736-4096

EGION ESIGN

AREA CHARTS 7MP

3/16"=1'-0"

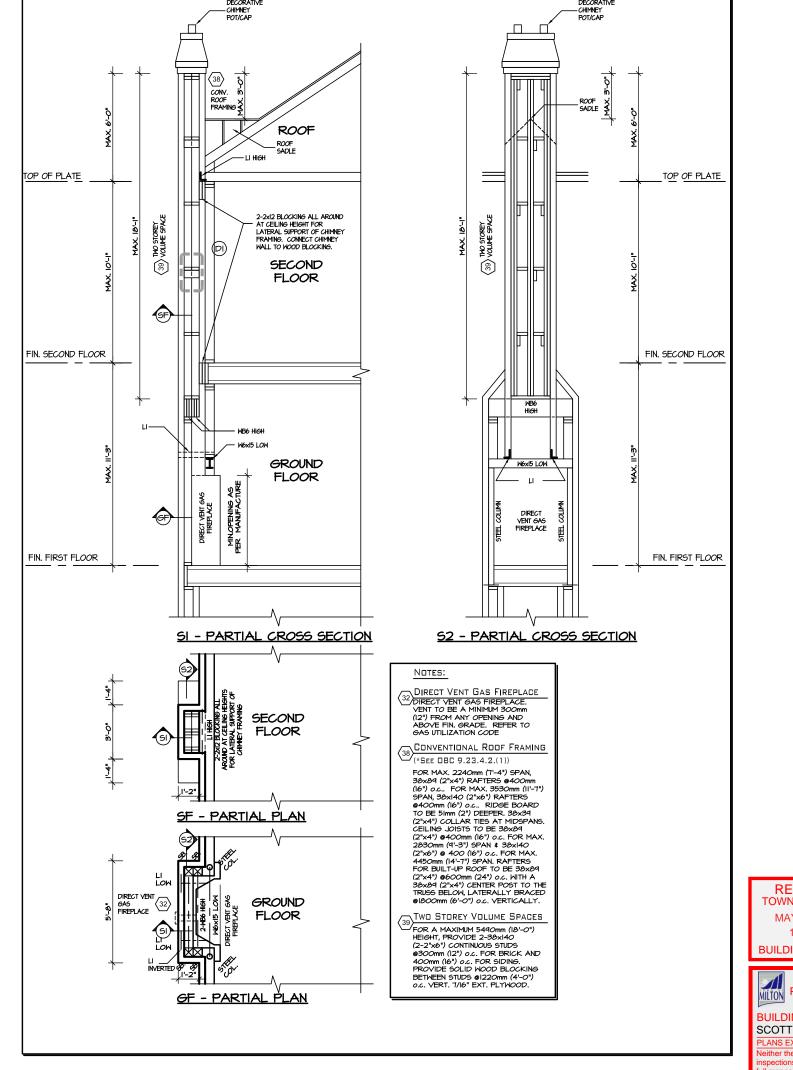
APR 2017

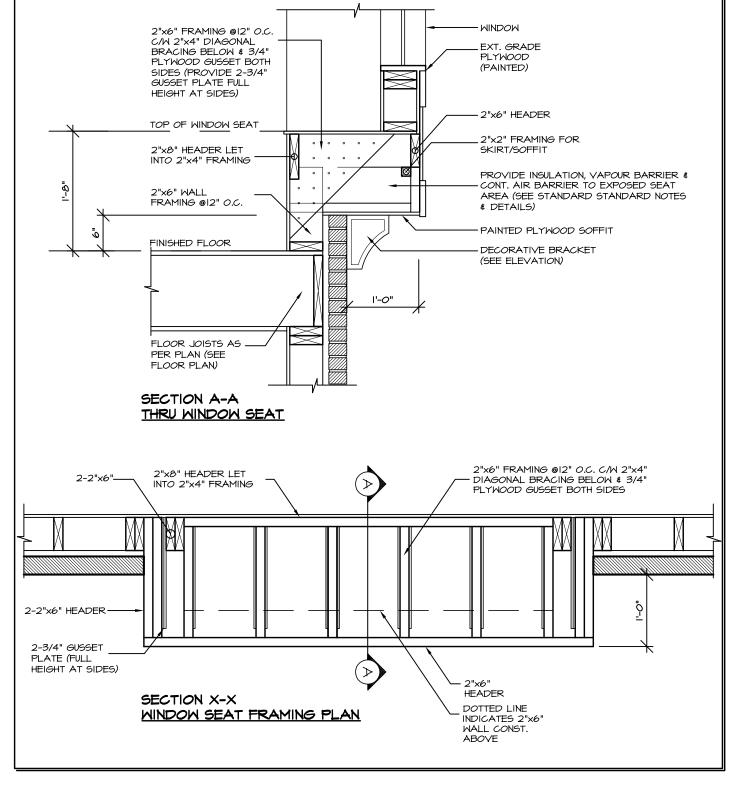
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

PAGE No. 3468 0 02-10-103



LECCO RIDGE





TOWN OF MILTON MAY 30, 2017 17-7103 **BUILDING DIVISION**







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JUNIPER 9-317 ENERGY STAR

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28770

BCIN

VIKAS GAJJAR SIGNATURE NAME

REGION DESIGN INC. 8700 DUFFERIN ST P (416) 736-4096



TITLE	DETAILS
	DV.

3/16"=1'-0"

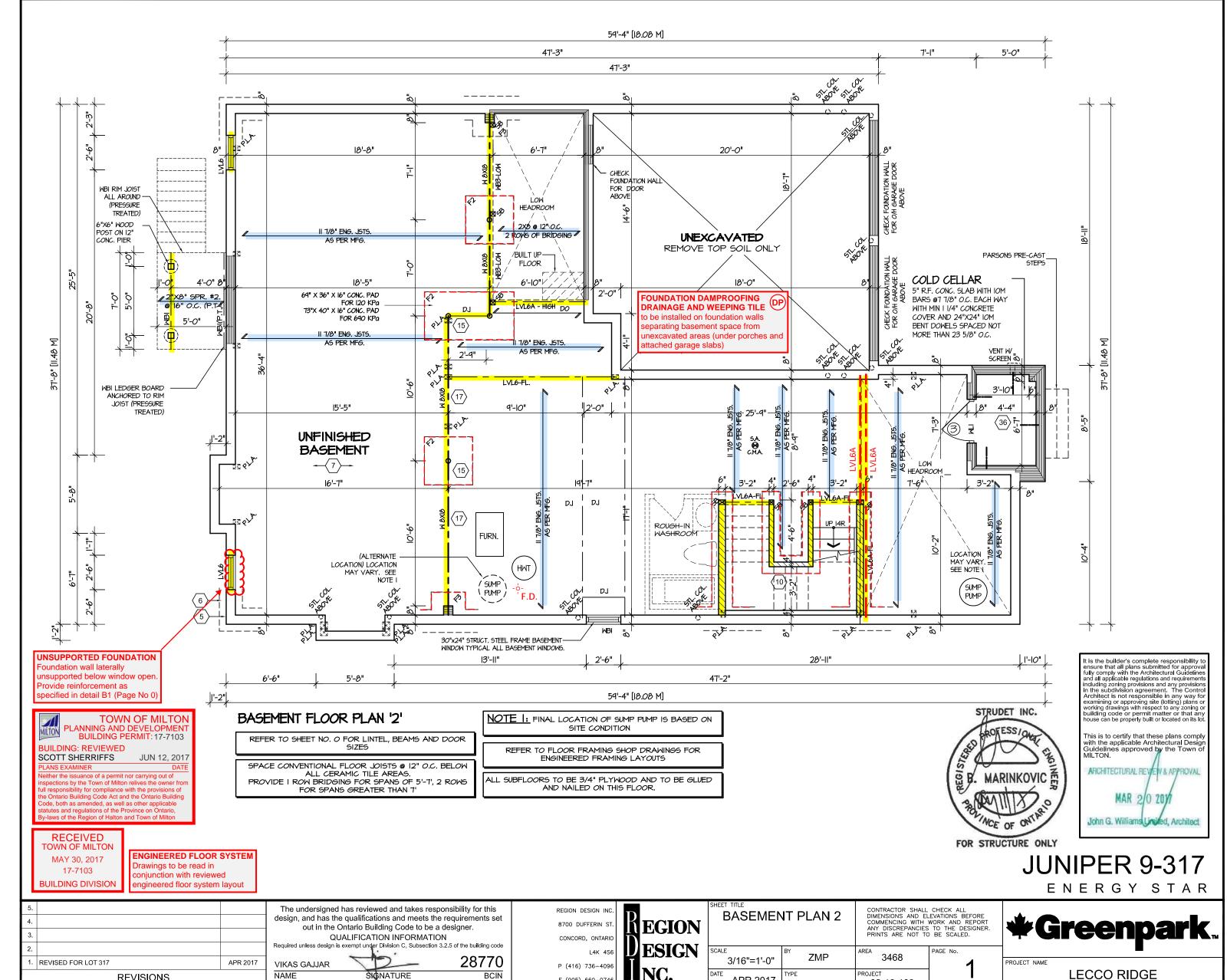
APR 2017

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

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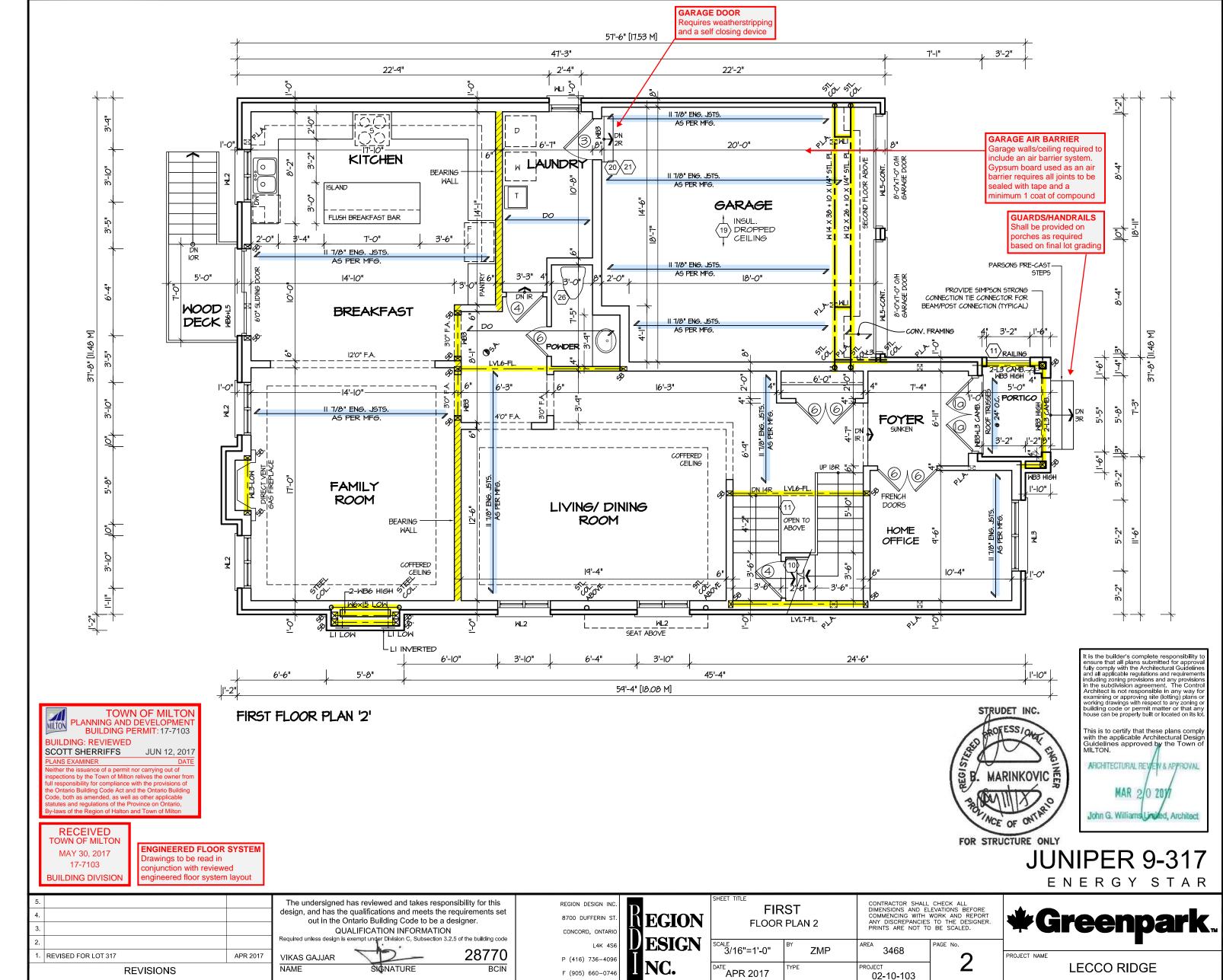
LECCO RIDGE



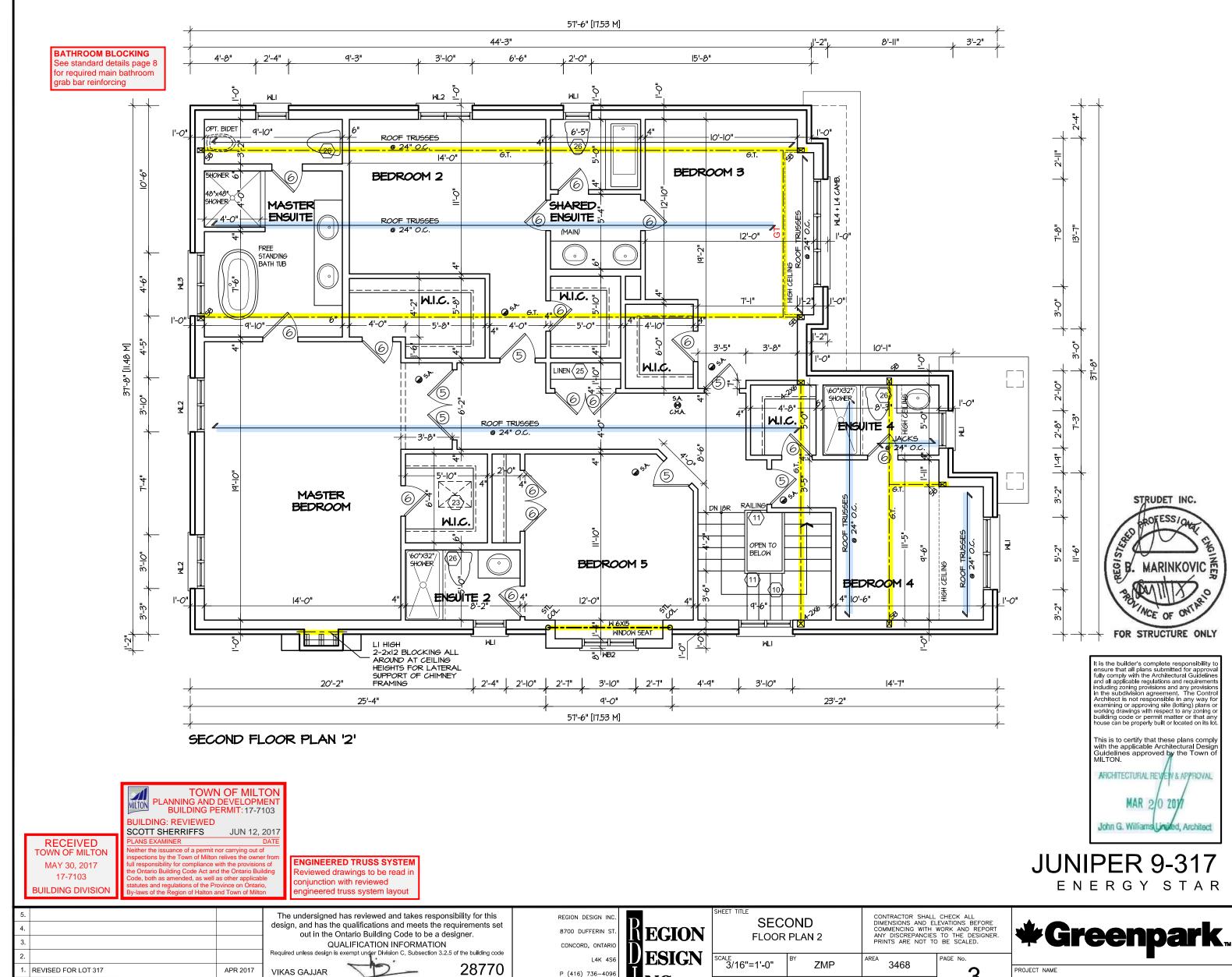
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REVISIONS



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P (416) 736-4096

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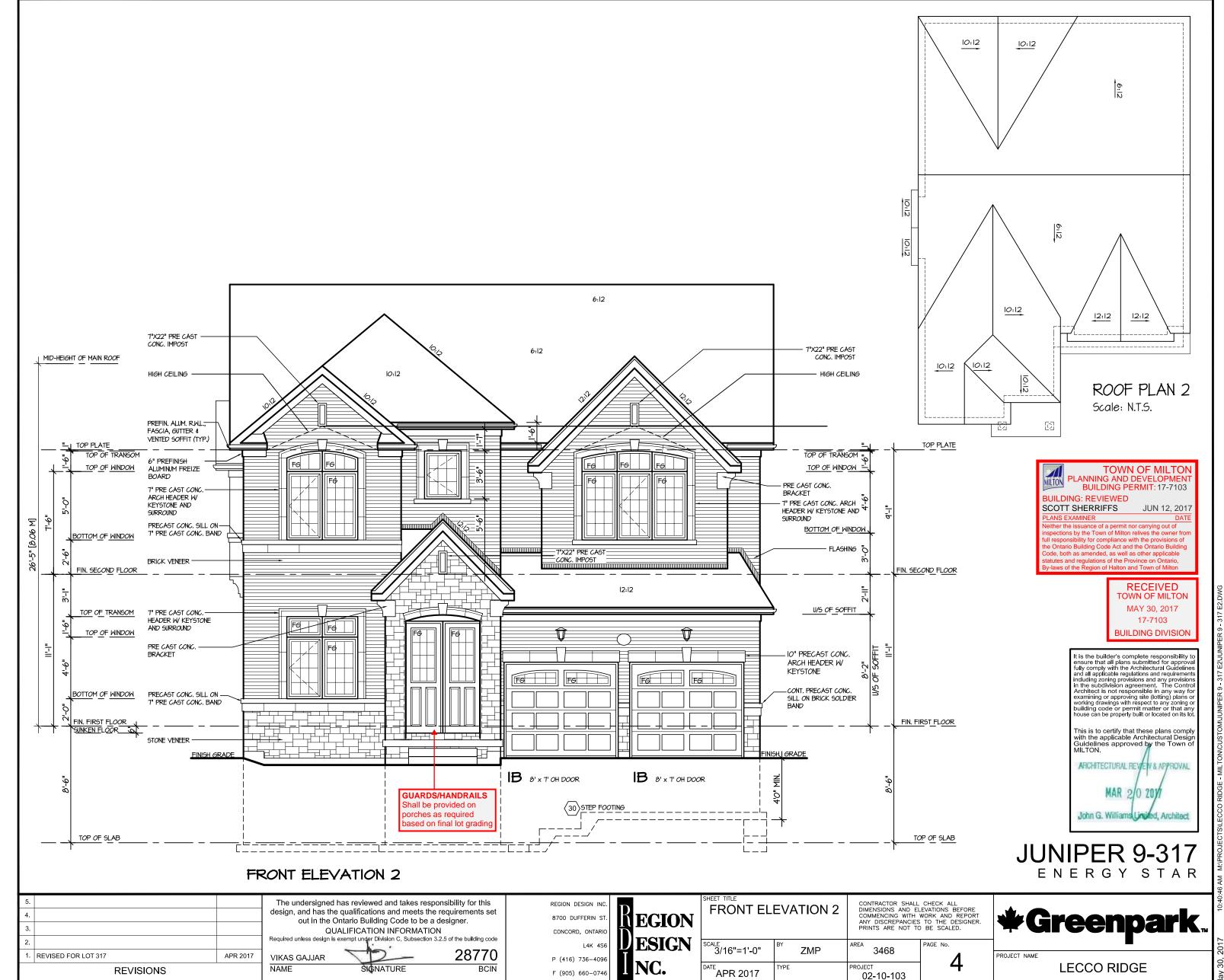
VIKAS GAJJAR

NAME

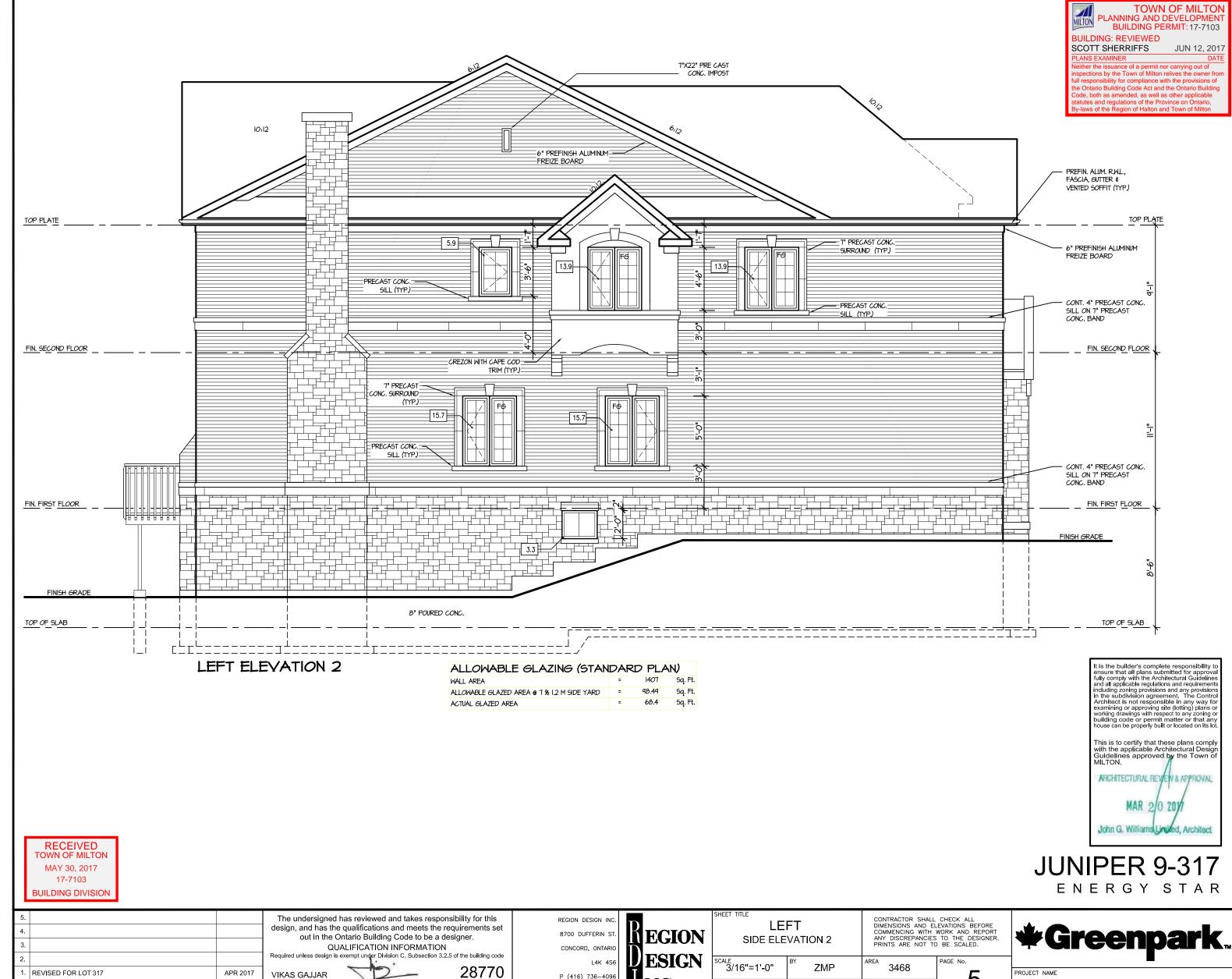
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SIGNATURE

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P (416) 736-4096

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BCIN

VIKAS GAJJAR

NAME

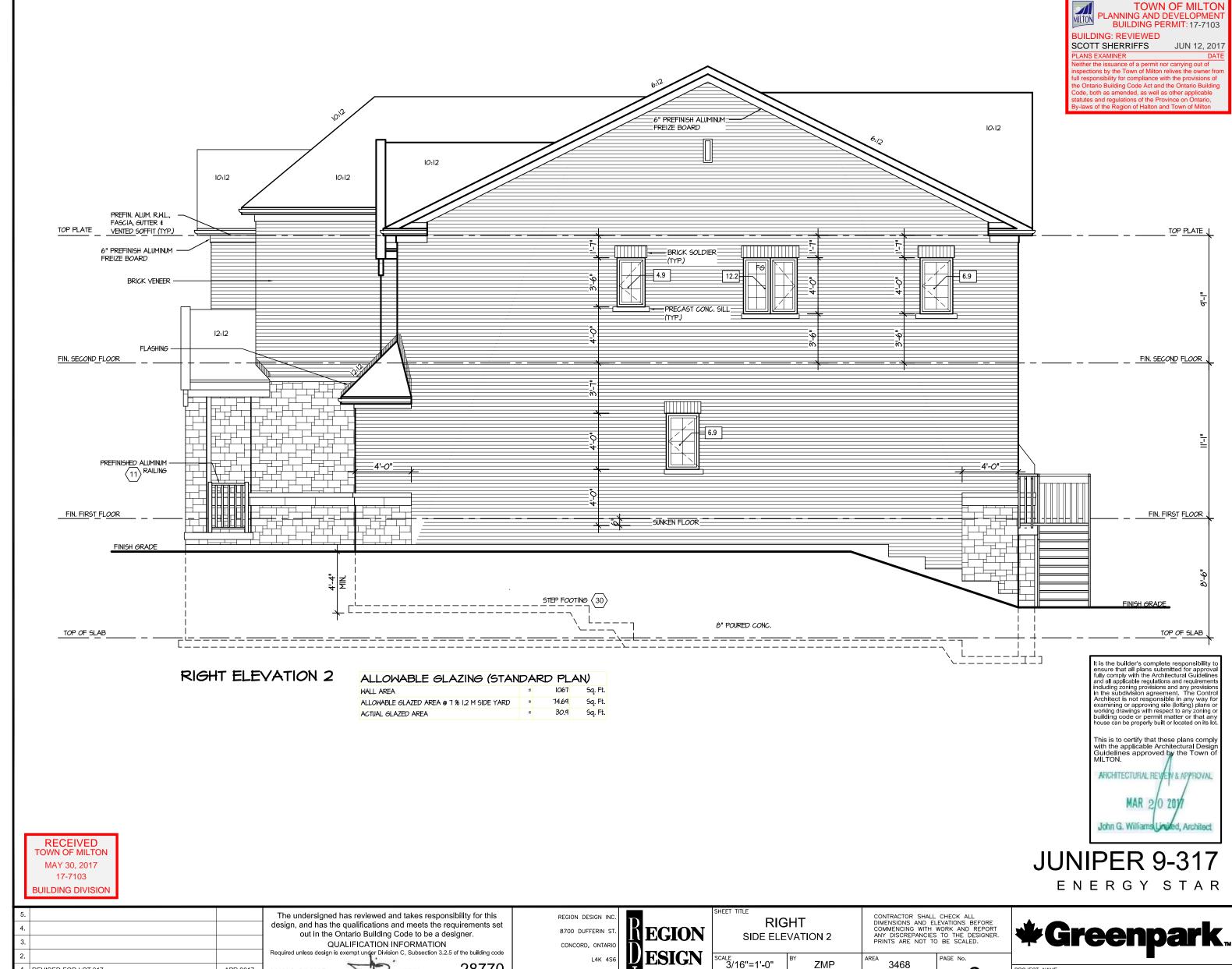
REVISIONS

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LECCO RIDGE

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02-10-103



28770

BCIN

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TE APR 2017

REVISED FOR LOT 317

REVISIONS

APR 2017

VIKAS GAJJAR

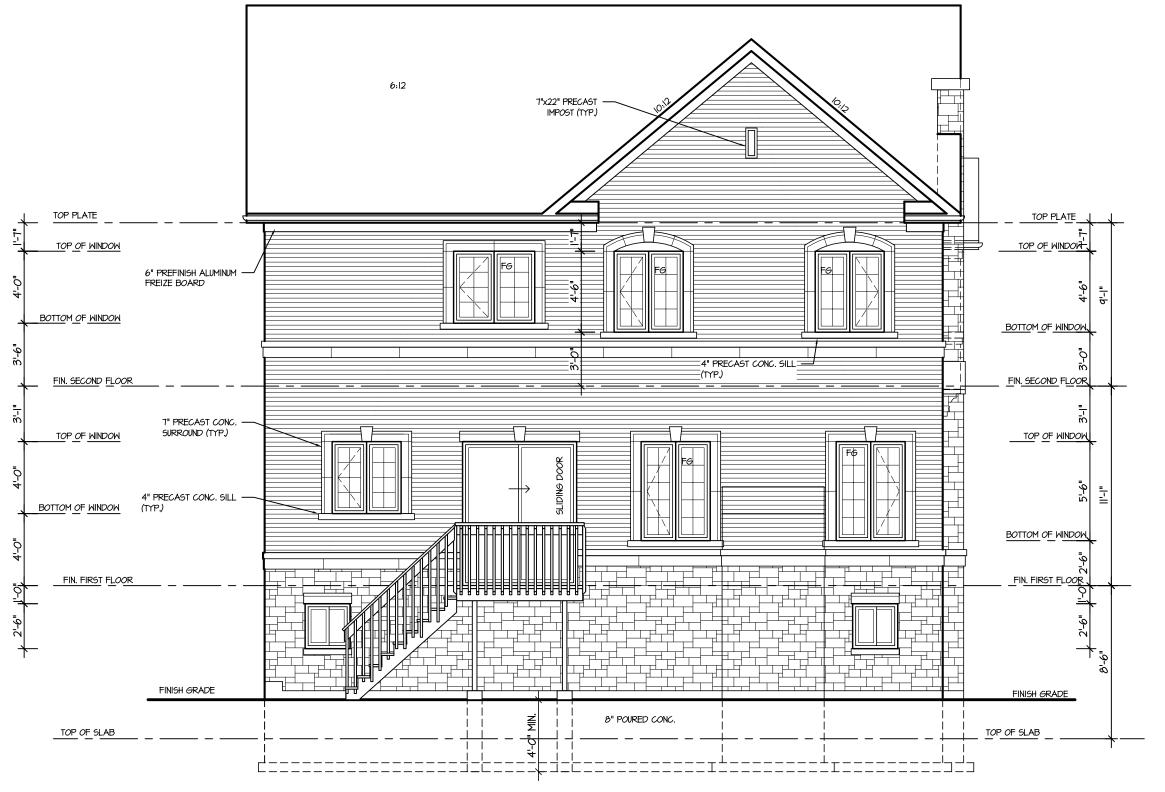
NAME

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02-10-103



REAR ELEVATION 2

DECK DETAILSSee standard details pages 5 and 5-2 for additional deck construction details

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7103 BUILDING DIVISION MAR 2/0 2017

John G. Williams Limited, Architect

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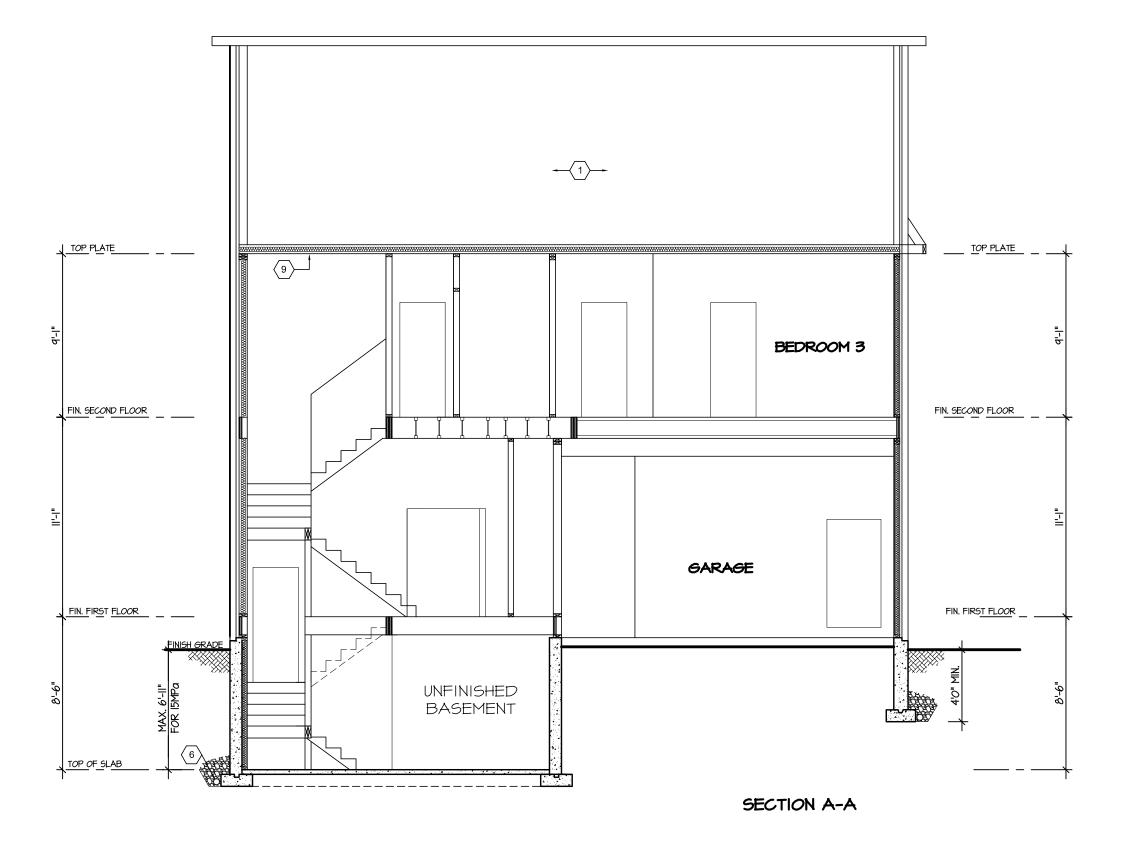
This is to certify that these plans comply with the applicable Architectural Desigr Guidelines approved by the Town of MILTON.

ARCHITECTURAL REVEN & APPROVAL

JUNIPER 9-317 ENERGY STAR

5.4.3.		design, and has th out in the Q	d has reviewed and takes resp ne qualifications and meets the Ontario Building Code to be a UALIFICATION INFORMATIO	e requirements set designer N	REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO	KEGION	REAR ELI	EVATION 2	COMMENCING WITH	ELEVATIONS BEFORE	₩ G	reen	parl
2.		Required unless design is	is exempt under Division C, Subsection	· ·	L4K 4S6	DESIGN	SCALE 3/16"=1'-0"	BY ZMP	AREA 3468	PAGE No.	1		
1. REVISED FOR LOT 317	APR 2017	VIKAS GAJJAR		28770	P (416) 736-4096	T	3/10 -1-0	ZIVIP	3400	. 7	PROJECT NAME		
REVISIONS		NAME	SIGNATURE	BCIN	F (905) 660-0746	I NC.	APR 2017	TYPE	PROJECT 02-10-103	/		LECCO RII	DGE

. 17 AM MYPRO JECTSVI ECCO RIDGE - MILTONICI ISTOMA II INIPER 9 - 317 E2/11 INIPER 9 - 317 E





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

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7103 BUILDING DIVISION

JUNIPER 9-317
ENERGY STAR

									4
5.	The undersigned has reviewed and takes responsibility for this	REGION DESIGN INC.	D	SHEET TITLE	CECTION	CONTRACTOR SHALL			0.40
4.	design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.	I I	KEGION	CRUSS	SECTION	DIMENSIONS AND E COMMENCING WITH ANY DISCREPANCIES	WORK AND REPORT TO THE DESIGNER.	*Greenpark	1
3.	QUALIFICATION INFORMATION	CONCORD, ONTARIO				PRINTS ARE NOT T	D BE SCALED.	T GI CCI IPAI N.	4
2.	Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	L4K 4S6	LESIGN	3/16"=1'-0"	BY ZMP	AREA 3468	PAGE No.		717
1. REVISED FOR LOT 317 APR 2017	VIKAS GAJJAR 28770	P (416) 736-4096	NO	3/10 - 1 - 0	ZIVII		8	PROJECT NAME	30. 2
REVISIONS	NAME SIGNATURE BCIN	F (905) 660-0746	INC.	APR 2017	ITPE	02-10-103		LECCO RIDGE	∫ a<