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"xI8" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD

FI = 48"x48"x20" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAR F3 = 34"x34"x14" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD F5 = 18"x18"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

WL3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2

ML4 = 6"x3-1/2"x3/8"L (150x90x10.0L) + 2-2"x12" 5PR. No.2 WL5 = 6"x4"x3/8"L (150x100x10.0L) + 2-2"x12" 5PR. No.2

 $\begin{array}{l} \text{ML6} = 5\text{"x3-l/2"x5/l6"L (l25x90x8.0L)} + 2-2\text{"x}12\text{"} & \text{SPR. No.2} \\ \text{ML7} = 5\text{"x3-l/2"x5/l6"L (l25x90x8.0L)} + 3-2\text{"x}10\text{"} & \text{SPR. No.2} \\ \text{ML8} = 5\text{"x3-l/2"x5/l6"L (l25x90x8.0L)} + 3-2\text{"x}12\text{"} & \text{SPR. No.2} \\ \text{No.2} \end{array}$ 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) WB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2)

WB4 = 3-2"xIO" SPR. No.2 (3-38x235 SPR. No.2)

MB5 = 3-2"x12" SPR. No.2 (2-36x266 SPR. No.2) WB6 = 3-2"x12" SPR. No.2 (3-36x266 SPR. No.2)

MB1 = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2) WBII = 4-2"x10" SPR. No.2 (4-38x285 SPR. No.2)

WBI2 = 4-2"xI2" SPR. No.2 (4-38x286 SPR. No.2)

LAMINATED VENEER LUMBER (LVL) BEAMS

LVLIA = I-I 3/4" x 7 I/4" (I-45x184) LVLI = 2-I 3/4" x 7 I/4" (2-45x184) LVL2 = 3-I 3/4" x 7 I/4" (3-45x184) LVL3 = 4-I 3/4" x 7 I/4" (4-45x184) LVL4A = I-I 3/4" x 9 I/2" (I-45x240) LVL4 = 2-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 || 7/8" (I-45x300) LVL6 = 2-I 3/4" x || 7/8" (2-45x300) LVL7 = 3-I 3/4" x || 7/8" (3-45x300)

LVL7A = 4-1 3/4" x 11 7/8" (4-45×300)

LVL8 = 2-1 3/4" x 14" (2-45x356) LVL9 = 3-1 3/4" x 14" (3-45x356)

LVLIO = 2-1 3/4" x 18" (3-45×456)

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)

DOOD SCHEDING

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NO5.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT IO' OR MORE CEILING	TYPE
	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
1 7	1'-6"	6'-8"	8'-0"	INTERIOR SI AB DOOR

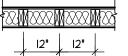
SPACE CONVENTIONAL FLOOR JOISTS @ 12' O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINISH GRADING PLAN.

REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

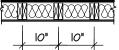
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID BLOCKING 4'-O" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-O" AND MAXIMUM SUPPORTED LENGTH OF

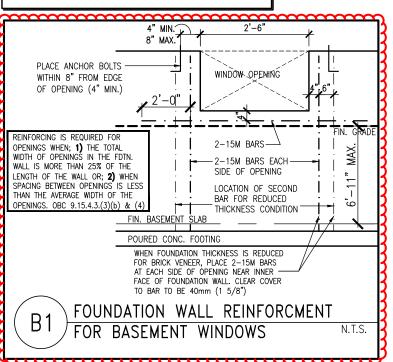
TWO STORY HEIGHT WALL DETAIL

STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @IO"O.C. FULL HT C/W SOLID BLOCKING MAX. &'-O"O.C. VERTICAL AND 7/16" EXT. OSB SHEATHING.



MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS $20^{\circ}-2^{\circ}$ AND MAXIMUM WIDTH IS $40^{\circ}-0^{\circ}$

TWO STORY HEIGHT WALL DETAIL



GENERAL NOTES/CONSTRUCTION DETAILS Reviewed drawings to be read in conjunction vith reviewed general notes, constructions

> TOWN OF MILTON **BUILDING PERMIT: 17-7102**

MAY 30, 2017 17-7102

BUILDING DIVISIO

SCOTT SHERRIFFS JUN 12, 2017

28770

BCIN

ESCC MODEL ENERGY STAR - V 12.7

THE MINIMUM THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT 2012 ENERGY STAR V-12.7 COMPONENT NOTE CEILING WITH ATTIC SPACE MINIMUM RSI (R) VALUE (R50) CEILING WITHOUT ATTIC SPACE 5.46 (R31) 5.46 (R31) MINIMUM RSI (R) VALUE WALLS ABOVE GRADE 4.4 MINIMUM RSI (R) VALUE (R20+R5) BASEMENT WALLS MINIMUM RSI (R) VALUE 352 (R20 BLANKET) EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE (RIO) MINIMUM RSI (R) VALUE WINDOWS & SLIDING GLASS DOORS MAXIMUM U-VALUE ENERGY STAR oxtless ZONE C (ER 29/UV 1.4) SPACE HEATING EQUIPMENT 95% ENERGY STAR ® WITH ECM MINIMUM AFUE GAS FIREPLACE ELECTRONIC SPARK IGNITION TIER 2 65% SRE ENERGY STAR ${\mathbb R}$ HRV T MINIMUM FEFICIENCY BE INTERCONNECTED TO THE FURNACE FAIN MUST BE BALANCED INDICATING ON HIGH SPEED FRESH/STALE HOT WATER TANK CONDENSING HOT WATER TANK 90% TE NVIROSENCE DRAIN WATER HEAT RECOVERY ONE SHOWER > 42% STEADY R3-42 OR AIR TIGHTNESS MUST MEET MINIMUM DETACHED LEVEL I (2.5 ACH/O.I8 NLR) ATTACHED LEVEL I (3.0 ACH/0.26 NLR) DUCT SEALING ALL SUPPLY DUCTS I m (HORIZONTAL) OF RETURN DUCTS 75% CFLs OR LEDS LIGHTS

AREA CALCULATIONS	ELEV. 2				
GROUND FLOOR AREA	=		1410	Sq. F	=t.
SECOND FLOOR AREA	=		1611	Sq. F	=t.
TOTAL FLOOR AREA	=	5	3021	Sq. F	ŧ.
		280	2.66	Sq. M	1.
IST FLOOR OPEN AREA	=	0		Sq. F	=t.
2ND FLOOR OPEN AREA	=	102		Sq. F	=t.
ADD TOTAL OPEN AREAS	=		102	Sq. F	=t.
ADD FIN. BASEMENT AREA	=		0	Sq. F	=t.
GROSS FLOOR AREA	=	5	3123	Sq. F	ŧ.
		296	0.14	Sq. M	1.
GROUND FLOOR COVERAGE	=	1	1410	Sq. F	=t.
GARAGE COVERAGE /AREA	=		397	Sq. F	=t.
PORCH COVERAGE / AREA	=		68	Sq. F	=t.
TOTAL COVERAGE W PORCH	=	ı	875	Sq. F	ŧ.
	=	17	4.19	Sq. m	١.
TOTAL COVERAGE WO PORCH	=	lá	807	Sq. F	ŧ.
	=	167	1.88	Sq. m	١.

JUNIPER 6		ELEV.2			ENERGY STAR
ELEVATION WALL FT2		WALL MT ²	OPENING FT2	OPENING MT2	PERCENTAGE
FRONT	789.43	73.34	92.02	8.55	11.66 %
LEFT SIDE	1057.45	98.24	80.00	7.43	7.57 %
RIGHT SIDE	1057.45	98.24	45.33	4.21	4.29 %
REAR	778.45	72.32	162.36	15.08	20.86 %
TOTAL	3682.78	342.14	379.71	35.28	10.31 %

STRUDET INC. ROFESSIONAL MARINKOVIC A NCE OF ONTER FOR STRUCTURE ONLY

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 obuilding 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 6-150 ENERGY STAR

5.					
4.					
3.					
2.	LOT 150 CUSTOM	APR. 2017			
1.	ISSUED FOR REVIEW	JUL 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

VIKAS GAJJAR NAME

SIGNATURE

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

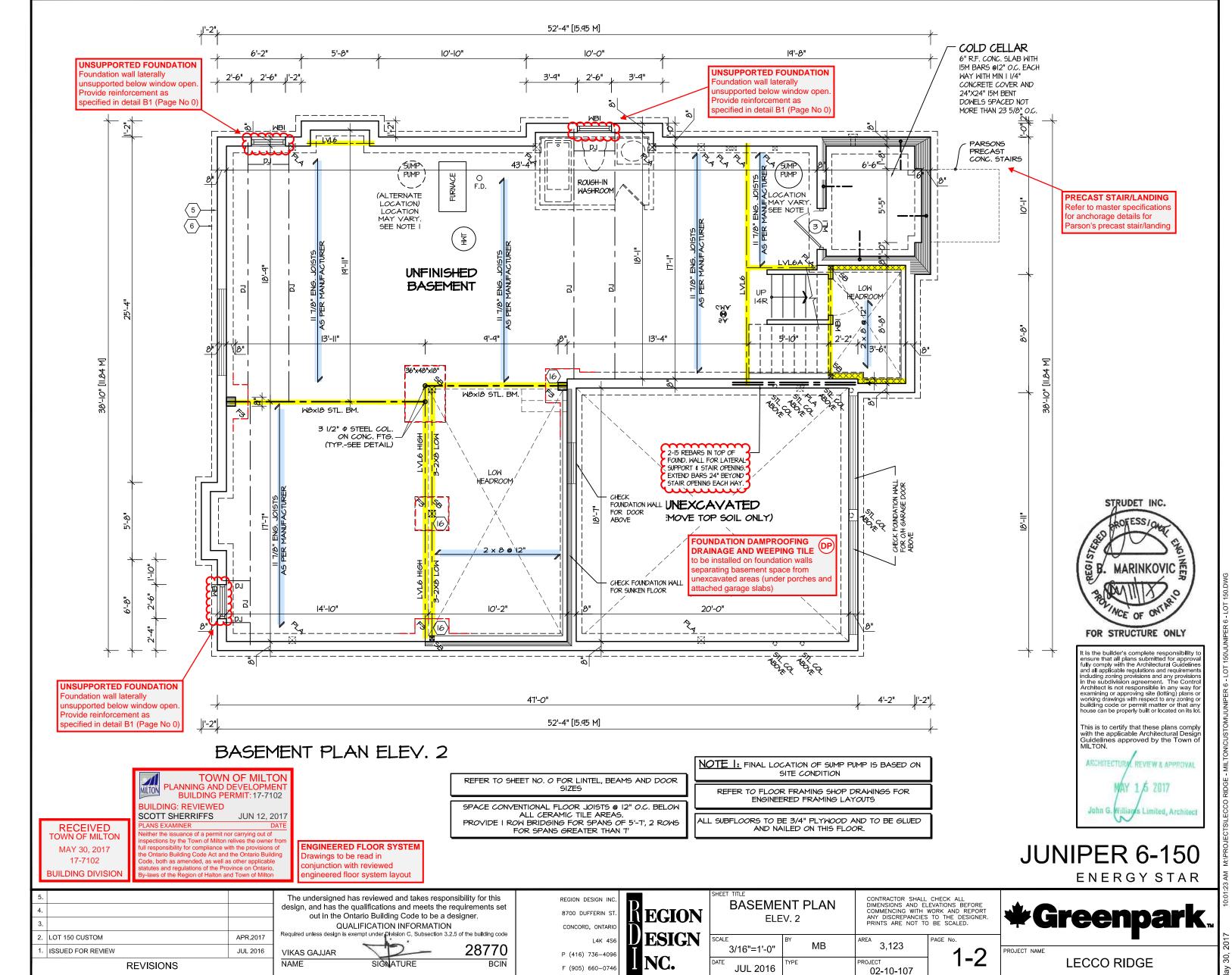


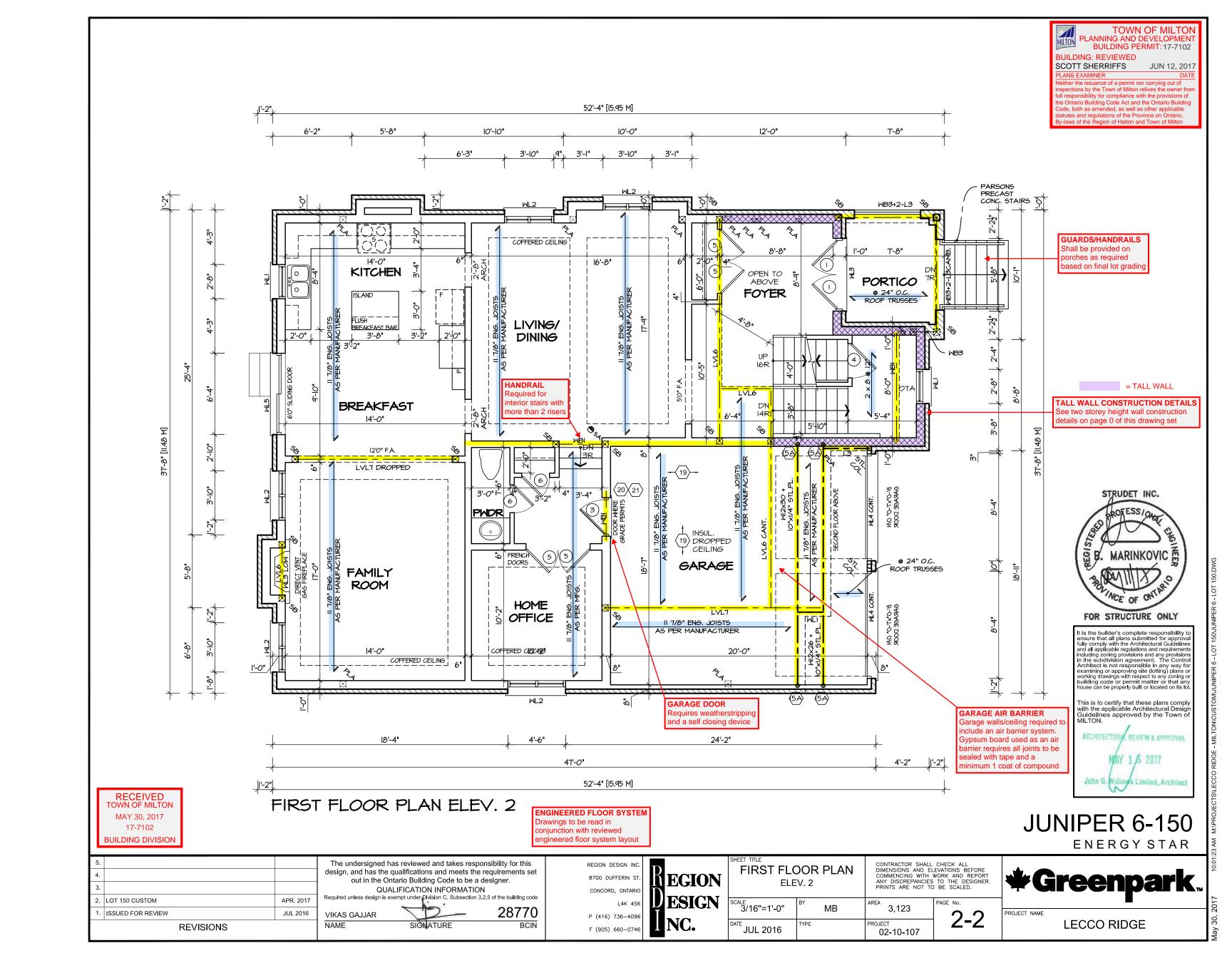
۷ ۱	2.1
N	AREA (
N	3/16"=1'-0"
	JUL 2016

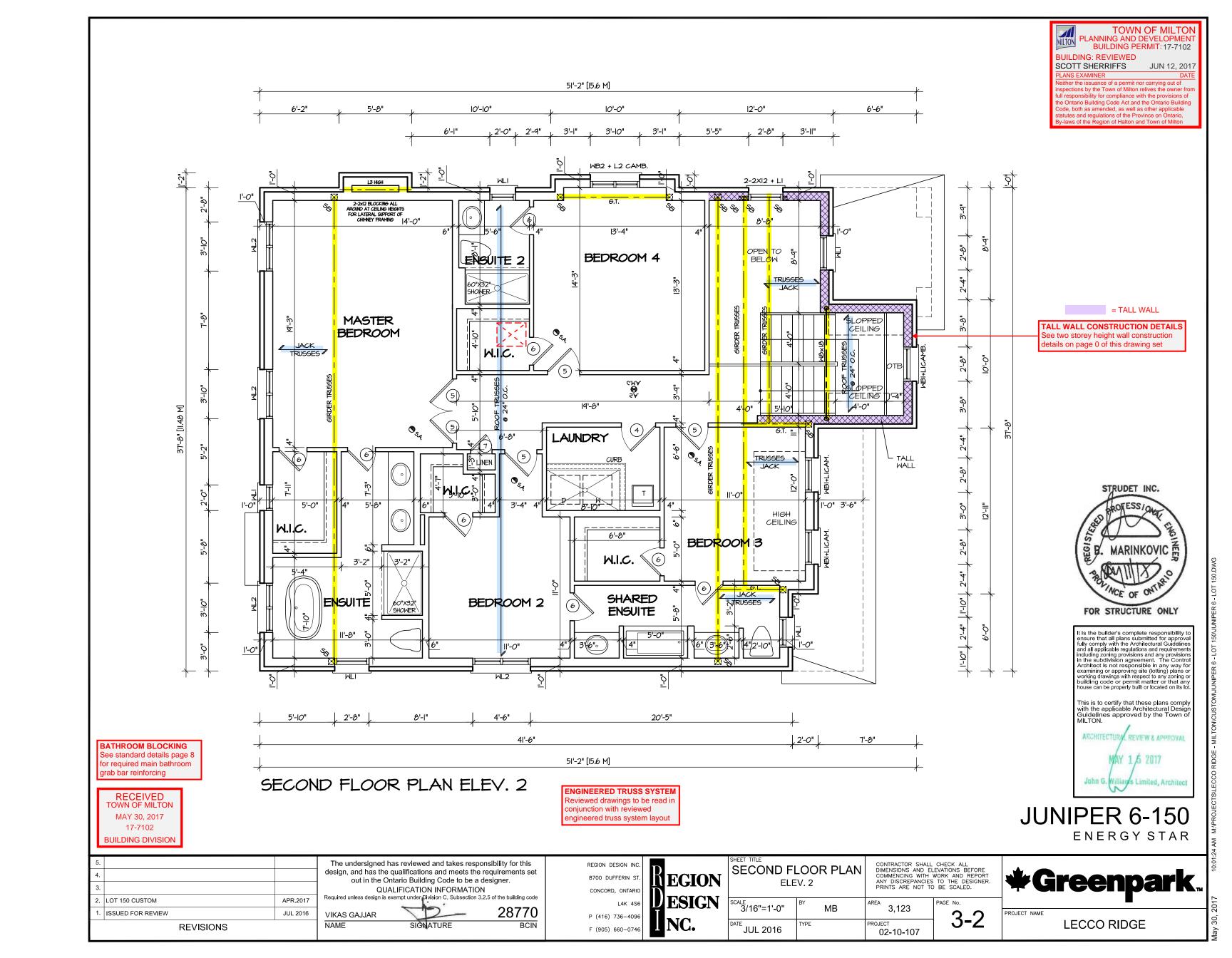
AREA C	CHARTS	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		1
/16"=1'-0"	MB MB	^{AREA} 3,123	PAGE No.	PF
0040	TYPE	PROJECT	U	

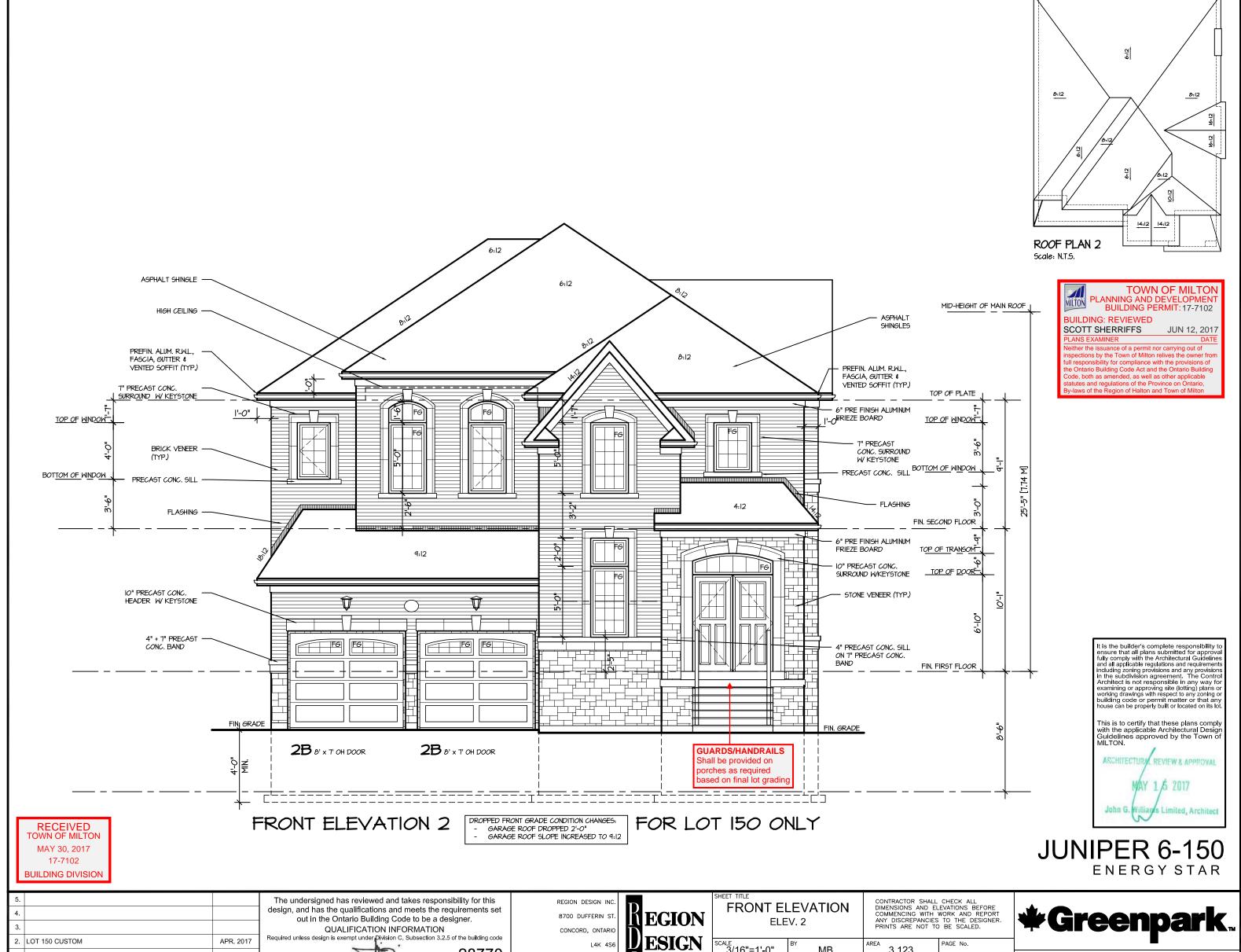
02-10-107











28770

BCIN

P (416) 736-4096

VIKAS GAJJAR

NAME

SIGNATURE

ISSUED FOR REVIEW

REVISIONS

3/16"=1'-0"

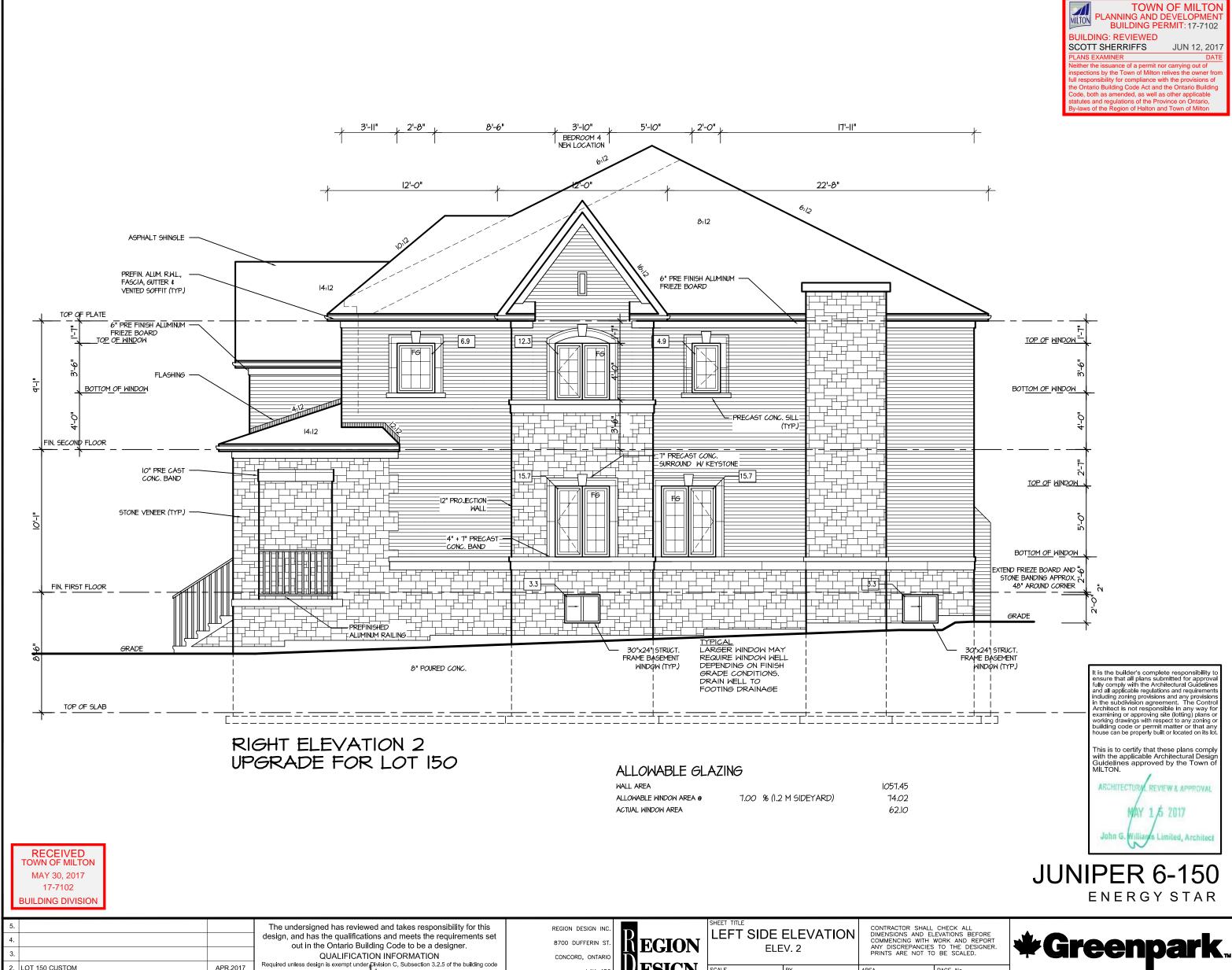
JUL 2016

MB

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02-10-107

4-2



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BCIN

3/16"=1'-0"

JUL 2016

MB

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02-10-107

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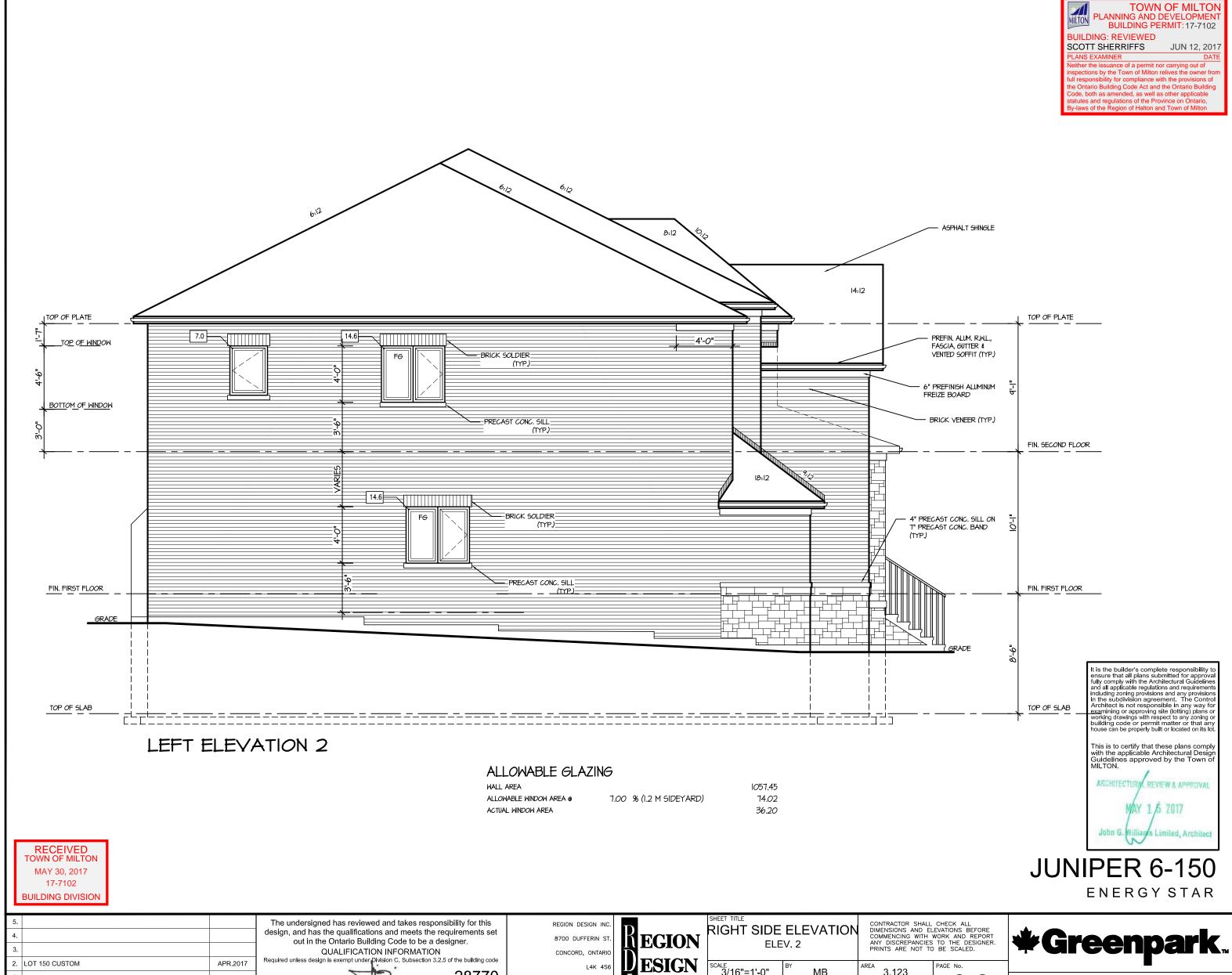
APR.2017

REVISIONS

VIKAS GAJJAR

NAME

SIGNATURE



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BCIN

3/16"=1'-0"

JUL 2016

MB

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6-2

APR.2017

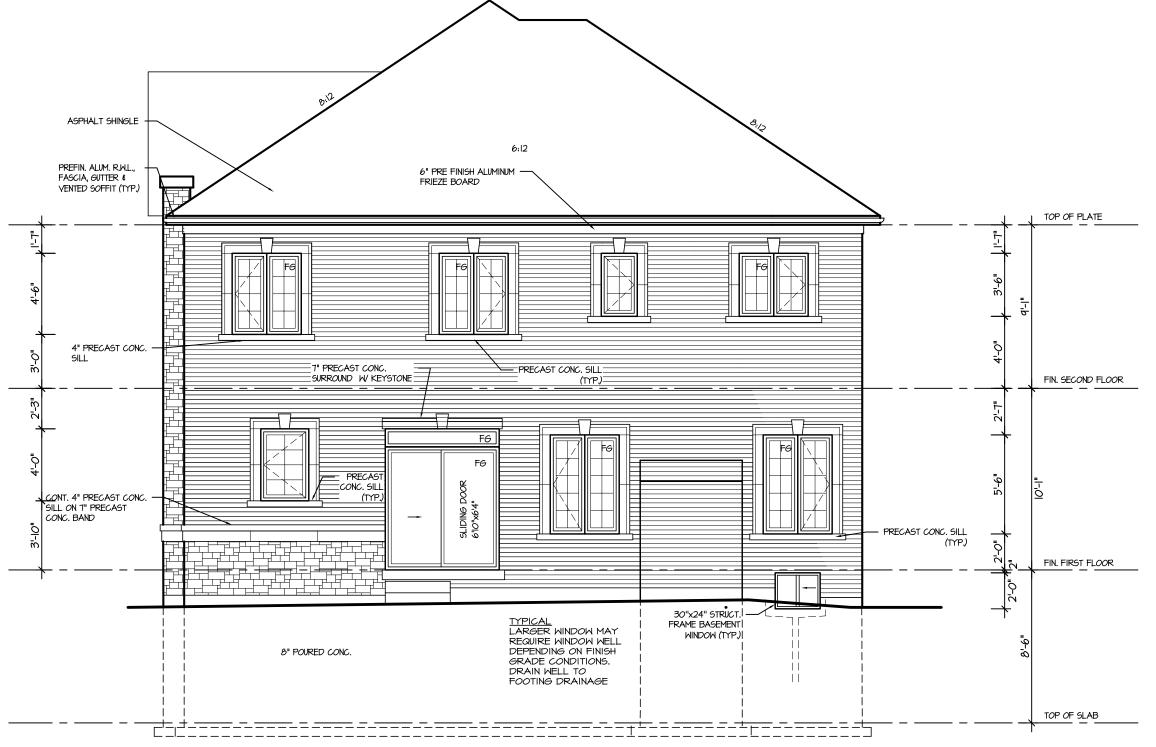
VIKAS GAJJAR

NAME

SIGNATURE

ISSUED FOR REVIEW

REVISIONS



REAR ELEVATION 2 UPGRADE FOR LOT 150

RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 BUILDING DIVISION 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.

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MAY 1 5 2017

John G. Williams Limited, Architect

JUNIPER 6-150 ENERGY STAR

5.				reviewed and takes respons	
4.				lifications and meets the red to Building Code to be a des	
3.			QUALIFICATION INFORMATION		
2.	LOT 150 CUSTOM	APR. 2017	Required unless design is exemp	ot under Division C, Subsection 3.2.5	of the building code
1.	ISSUED FOR REVIEW	JUL 2016	VIKAS GAJJAR	72	28770
REVISIONS			NAME	SIGNATURE	BCIN

	\mathbf{D}	REGION DESIGN INC.
ECI	ЦK	8700 DUFFERIN ST.
	ΠŢ,	CONCORD, ONTARIO
ESI	עו	L4K 4S6
NIC		P (416) 736-4096
ING.		F (905) 660-0746

	SHEET TITLE		
D	REAR E		
MEGION	ELE/		
LESIGN	SCALE 3/16"=1'-0"		
l NC.	JUL 2016		

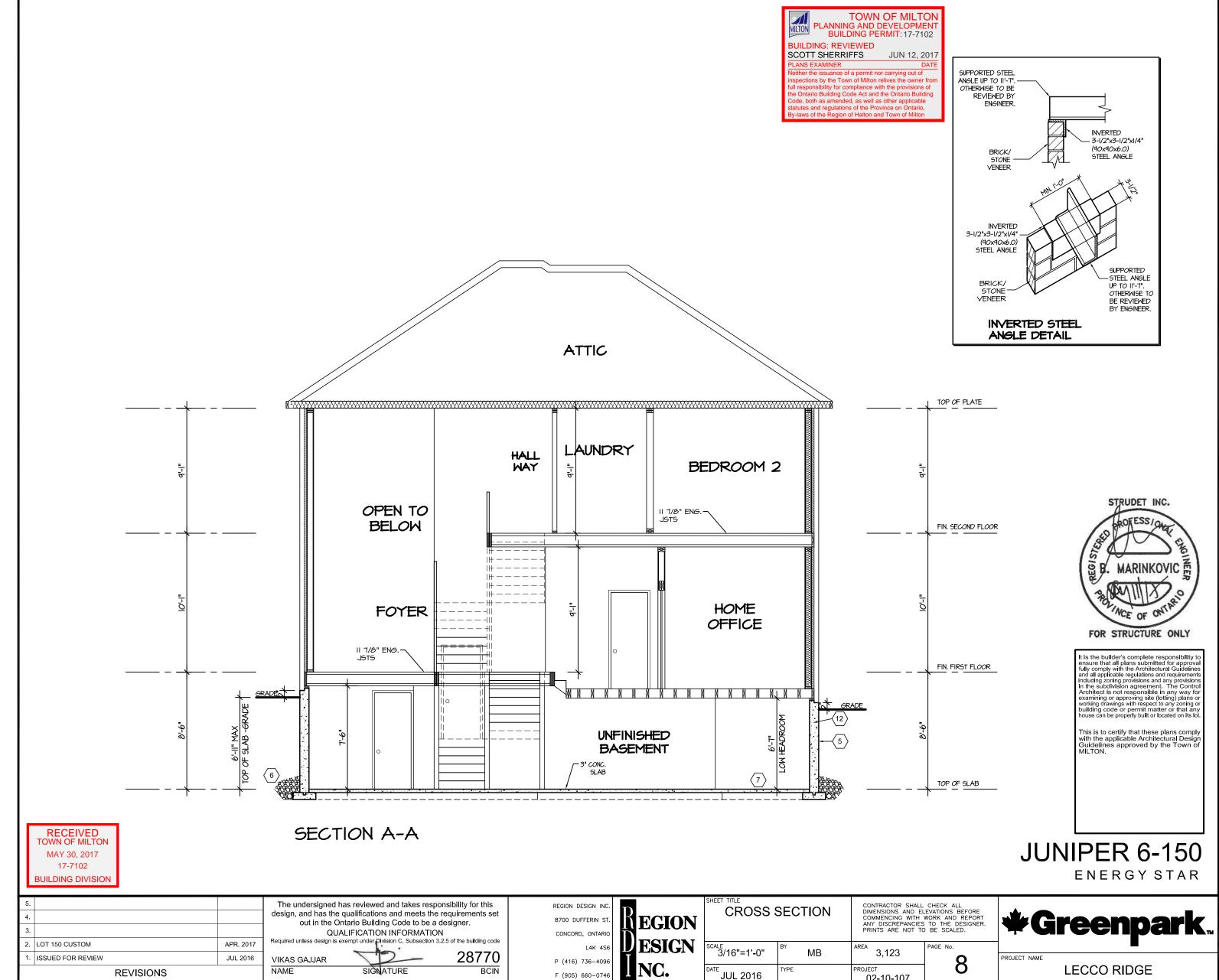
REAR EL	EVATION TION 2	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER PRINTS ARE NOT TO BE SCALED.		
/16"=1'-0"	MB MB	^{AREA} 3,123	PAGE No.	
II II 2016	TYPE	PROJECT	/	

02-10-107

*Greenpark

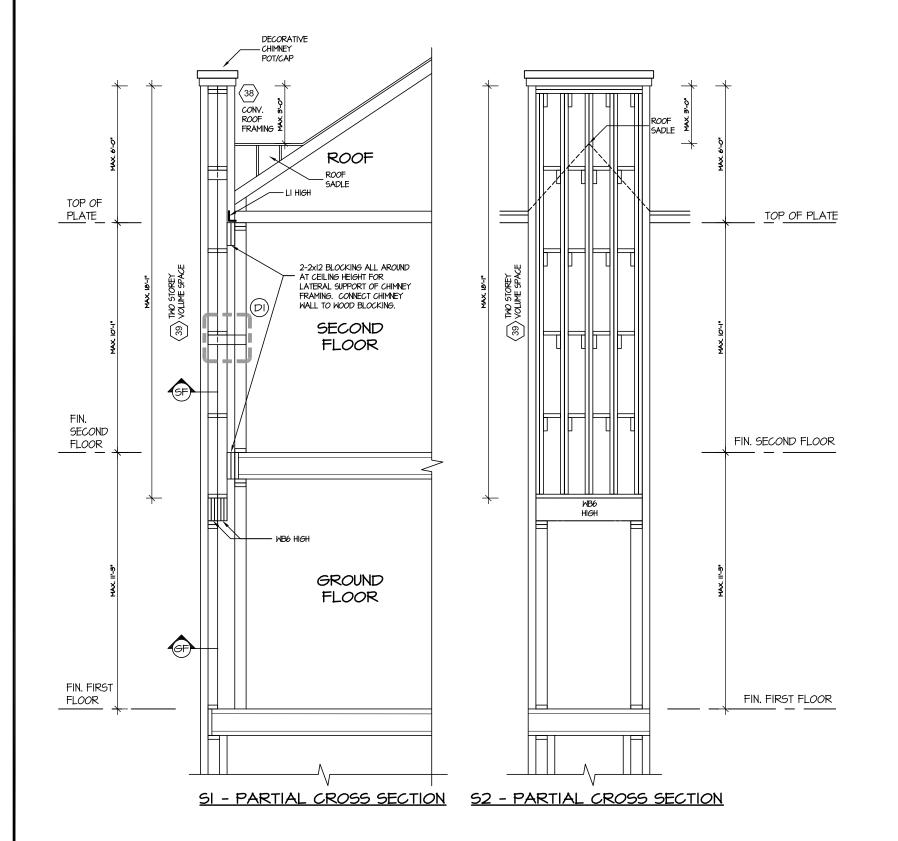
ROJECT NAME LECCO RIDGE

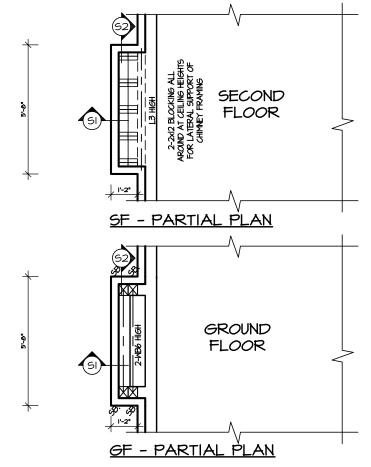
May 30, 2017



02-10-107

SCOTT SHERRIFFS





Notes:

(*SEE OBC 9.23.4.2.(1))

FOR MAX. 2240mm (1'-4") SPAN, 38x89 (2"x4") RAFTERS @400mm (16") o.c.. FOR MAX. 3530mm (11'-7") SPAN, 38x140 (2"x6") RAFTERS @400mm (16") o.c.. RIDGE BOARD TO BE 51mm (2") DEEPER. 38x39 (2"x4") COLLAR TIES AT MIDDEANS TO BE 51mm (2") DEEPER, 38x391 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x891 (2"x4") @400mm (16") o.c. FOR MAX. 2830mm (4"-3") SPAN & 38x140 (2"x6") @ 400 (16") o.c. FOR MAX. 4450mm (14'-T") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x891 (2"x4") @600mm (24") o.c. WITH A 38x891 (2"y4") (2"x4") CFNITER POST TO THE 38x89 (2"x4") CENTER POST TO THE TRUSS BELOW, LATERALLY BRACED @1800mm (6'-0") o.c. VERTICALLY.

TWO STOREY VOLUME SPACES
FOR A MAXIMUM 5490mm (18'-0")
HEIGHT, PROVIDE 2-38x140 (2-2"x6") CONTINUOUS STUDS (2-2"x6") CONTINUOUS STUDS @300mm (12") o.c. FOR BRICK AND 400mm (16") o.c. FOR SIDING. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS @1220mm (4'-0") o.c. VERT. 7/16" EXT. PLYWOOD.



FOR STRUCTURE ONLY

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RECEIVED TOWN OF MILTON MAY 30, 2017 17-7102 BUILDING DIVISION

JUNIPER 6-150

ENERGY STAR

5.					
4.					
3.					
2.	LOT 150 CUSTOM	APR. 2017			
1.	ISSUED FOR REVIEW	JUL 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

BCIN

VIKAS GAJJAR SIGNATURE NAME

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



HEET TITLE	
CHIMNEY DETAIL	

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" 3,123 MB 9 JUL 2016 02-10-107

