B" OR 10" FOUNDATION WALLS WITH 2"x8" / 2"x10" FLOOR JOISTS 20"x6" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS. 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.

90 KPa ENGINEERED FILL SOIL

Pad Footings

120 KPa NATIVE SOIL

FI = 42"x42"x18" CONCRETE PAD FI = 48"x46"x20" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD

F4 = 24"x24"x12" CONCRETE PAD F4 = 26"x28"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD

(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

ALL GARAGE SLABS, PORCH SLABS, STAIRS (EXPOSED CONC. FLAT WORK) TO BE 32 MPa WITH 5-8% AIR ENTRAITMENT

WHEN VENEER CUT IS GREATER THAN 26" A 10" POURED CONC. FDTN. WALL IS REQUIRED.

### Brick Veneer Lintels

ML4 = 6"x3-|/2"x3/8"L (|50x90x|0.0L) + 2-2"x|2" SPR. No.2 ML5 = 6"x4"x3/8"L (|50x|00x|0.0L) + 2-2"x|2" SPR. No.2WL6 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x12" SPR. No.2ML7 = 5"x3-1/2"x5/16"L (125x90x8,0L) + 3-2"x10" SPR. No.2 WL8 = 5"x3-1/2"x5/16"L (125x90x8,0L) + 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)

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

WB6 WBT = 5-2"x12" SPR No 2 (5-38x286 SPR No 2)

MBII = 4-2"x12" SPR. No.2 (4-38x235 SPR. No.2) MBI2 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

### LAMINATED VENEER LUMBER (LVL) BEAMS

LVLIA = I-I 3/4" × T I/4" (I-45x184) LVLI = 2-I 3/4" × T I/4" (2-45x184) LVL2 = 3-I 3/4" × T I/4" (3-45x184) LVL3 = 4-I 3/4" × T I/4" (4-45x184) LVL4A = I-I 3/4" × T I/2" (I-45x240) LVL4 = 2-I 3/4" × T I/2" (3-45x240) LVL5 = 3-I 3/4" × T I/2" (4-45x240) LVL5A = 4-I 3/4" × T I/2" (4-45x240)

LVLIO = 2-1 3/4" x 18" (3-45x456)

## Loose Steel Lintels

LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)

12 = 4"x3-1/2"x5/16"1 (100x90x801)

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

NOS.	MIDTH	HEIGHT 8'-9' CEILING	HEIGHT IO' OR MORE CEILING	TYPE
1 la 2 3 4 5 6 7	2'-IO" 2'-8" 2'-8" 2'-8" 2'-6" 2'-6" 2'-2" I'-6"	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

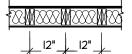
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

PLANS NOT DRAWN TO ACTUAL GRADE, REFER TO FINAL GRADING PLAN.

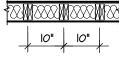
REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

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.



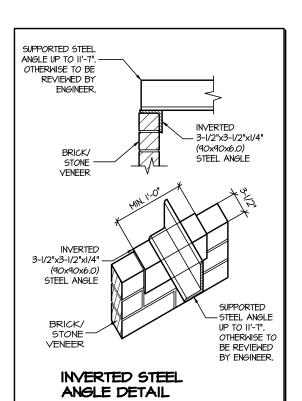
TWO STORY HEIGHT WALL DETAIL

1 1/2" x 5 1/2" TIMBERSTRAND (LSL.) L5F STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10"O.C. FULL HT C/W SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL 7/16" 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





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 (R3I)			
WALLS ABOVE GRADE MINIMUM RSI (R) VALUE	4.4 (R20+R5)			
BASEMENT WALLS MINIMUM RSI (R) VALUE	3.52 (R20 BLANKET)			
EDGE OF BELOW GRADE SLAB <u>\( 600mm BELOW GRADE</u> 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			
HRY MINIMUM EFFICIENCY	TIER 2 65% SRE ENERGY STAR ® HRV TO BE INTERCONNECTED TO THE FURNACE FAN MUST BE BALANCED 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			





GROUND FLOOR AREA 1289 Sq. Ft SECOND FLOOR AREA 1682 Sq. Ft TOTAL FLOOR AREA 2971 Sq. Ft. 276.02 Sq. M. IST FLOOR OPEN AREA Sq. Ft. 2ND FLOOR OPEN AREA = 0 Sq. Ft ADD TOTAL OPEN AREAS Sq. Ft 0 O Sq. Ft ADD FIN BASEMENT AREA GROSS FLOOR AREA 2971 Sq. Ft. 276.02 5q. M. SROUND FLOOR COVERAGE 1289 Sq. Ft SARAGE COVERAGE /AREA = 399 Sq. Ft PORCH COVERAGE / AREA = 324 Sq. Ft 2012 Sq. Ft. TOTAL COVERAGE W/ PORCH 186.92 Sq. m. 1688 Sq. Ft. TOTAL COVERAGE WO PORCH 156.82 Sq. m.

JUNIPER II		ELEV.2		!	ENERGY STAR
ELEVATION	WALL FT <sup>2</sup>	WALL MT <sup>2</sup>	OPENING FT <sup>2</sup>	OPENING MT2	PERCENTAGE
FRONT	921.71	85.63	125.80	11.69	13.65 %
LEFT SIDE	1095.07	101.74	49.25	4.58	4.50 %
RIGHT SIDE	1162.74	108.02	240.82	22.37	20.71 %
REAR	858.28	79.74	155.28	14.43	18.09 %
TOTAL	4037.80	375.12	571.15	53.06	14.15 %

AREA CALCULATIONS

TOWN OF MILTON PLANNING AND DEVELOPMENT **BUILDING PERMIT: 17-6230** BUILDING: REVIEWED SCOTT SHERRIFFS MAY 15, 2017

onsibility for compliance with the provisions of trio Building Code Act and the Ontario Buildin nded, as well as other app

> RECEIVED TOWN OF MILTON MAY 11, 2017

> > 17-6230

ELEV. 2

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 provisions 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 Design Guidelines approved by the Town of OAKVILLE.

ARCHITECTURAL REVEW & APPROVAL MAR 2/0 201/ John G. Williams Limited, Architect

**JUNIPER 11-254** 

**ENERGY STAR** 

5.		
4.		
3.		
2.	10' FIRST FLOOR, REVERSE FOR LOT 254	MAR 2017
1.	ISSUED FOR REVIEW	OCT 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

SIGNATURE

VIKAS GAJJAR

NAME

28770

CONCORD, ONTARIO L4K 4S6 P (416) 736-4096

F (905) 660-074

DUCT SEALING

LI*G*HTS

AIR TIGHTNESS MUST MEET MINIMUM



ΞΤ.	TITLE
	AREA CHARTS

DETACHED LEVEL I (2.5 ACH/O.I8 NLR)

ATTACHED LEVEL I (3.0 ACH/0.26 NLR)

ALL SUPPLY DUCTS I m (HORIZONTAL) OF

RETURN DUCTS

75% CFLs OR LEDS

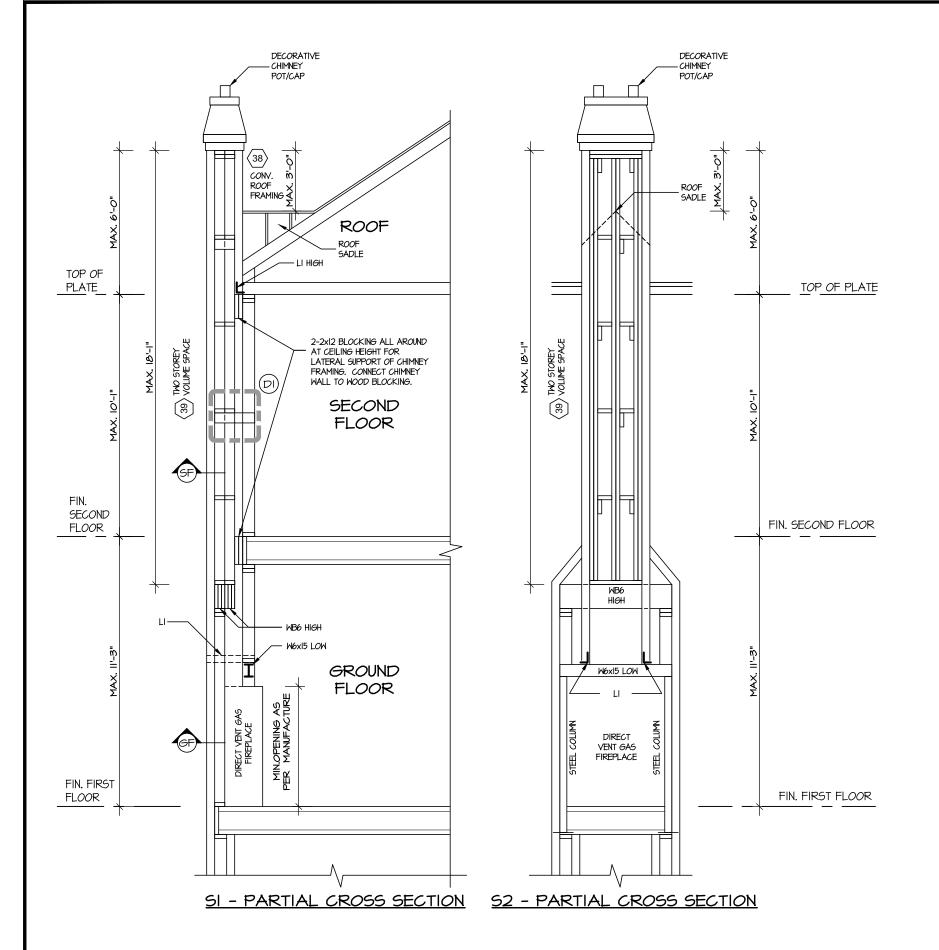
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

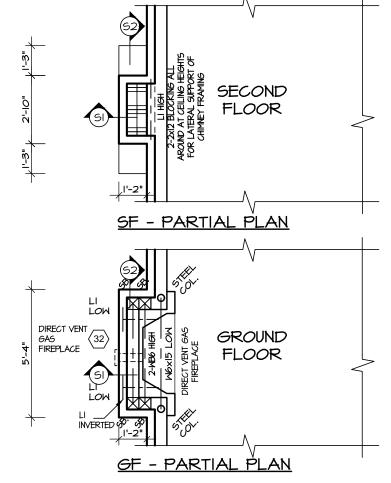
2971 V.G. 3/16"=1'-0" 0 JUL 2016 02-10-22

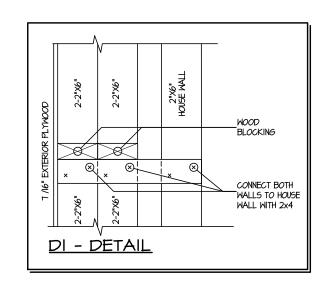


ROJECT NAME LECCO RIDGE









STRUDET INC.

FOR STRUCTURE ONLY

### Notes:

Direct Vent Gas Fireplace

DIRECT VENT GAS FIREPLACE.

VENT TO BE A MINIMUM 300mm

(12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE

# Conventional Roof Framing (\*See OBC 9.23.4.2.(1))

FOR MAX. 2240mm (7'-4") SPAN, 38x89 (2"x4") RAFTERS @400mm (16") o.c.. FOR MAX. 3530mm (11'-7") SPAN, 38x140 (2"x6") RAFTERS e400mm (16") o.c.. RIDGE BOARD TO BE 51mm (2") DEEPER. 36x39 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 36x69 (2"x4") @400mm (16") o.c. FOR MAX. 2830mm (9'-3") SPAN \$ 38x140 2050mm (4'-5') SPAN & 30X140 (2"x6") @ 400 (16") o.c. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 30X89 (2"x4") @600mm (24") o.c. WITH A 30X89 (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 2-38×140 (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.



BUILDING: REVIEWED

SCOTT SHERRIFFS

RECEIVED TOWN OF MILTON MAY 11, 2017

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

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

ARCHITECTURAL REVIEW & APPROVAL MAR 2/0 20) John G. Williams Limited, Architect

**ESCC MODEL** 

**JUNIPER 11-254** 

**ENERGY STAR** 

5.			
4.			
3.			
2.	10' FIRST FLOOR, REVERSE FOR LOT 254	MAR 2017	
1.	ISSUED FOR REVIEW	OCT 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) 660-0746



SHEET TITLE	
CHIMNEY DETAIL	
CHIMINET DETAIL	-

3/16"=1'-0"

JUL 2016

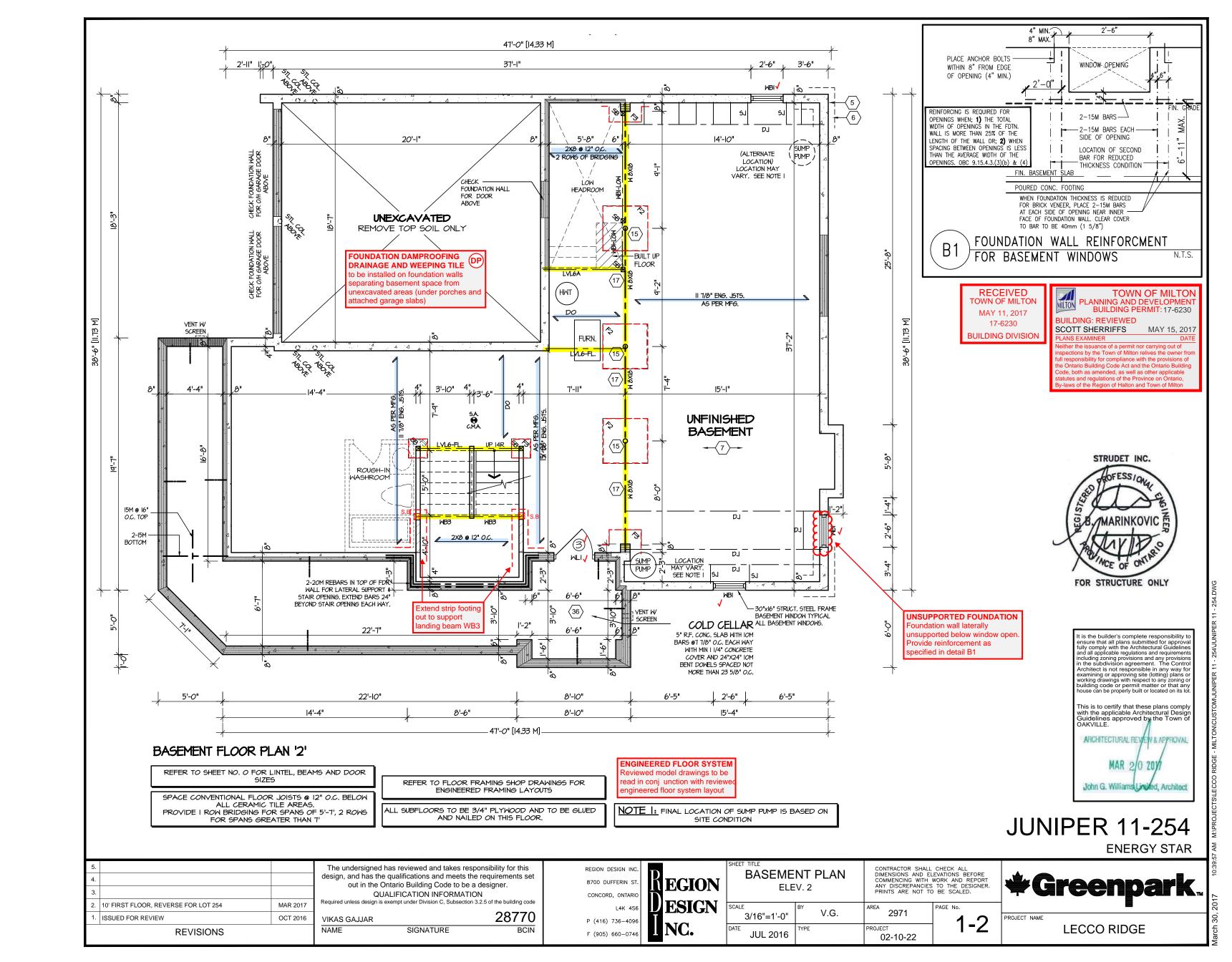
V.G.

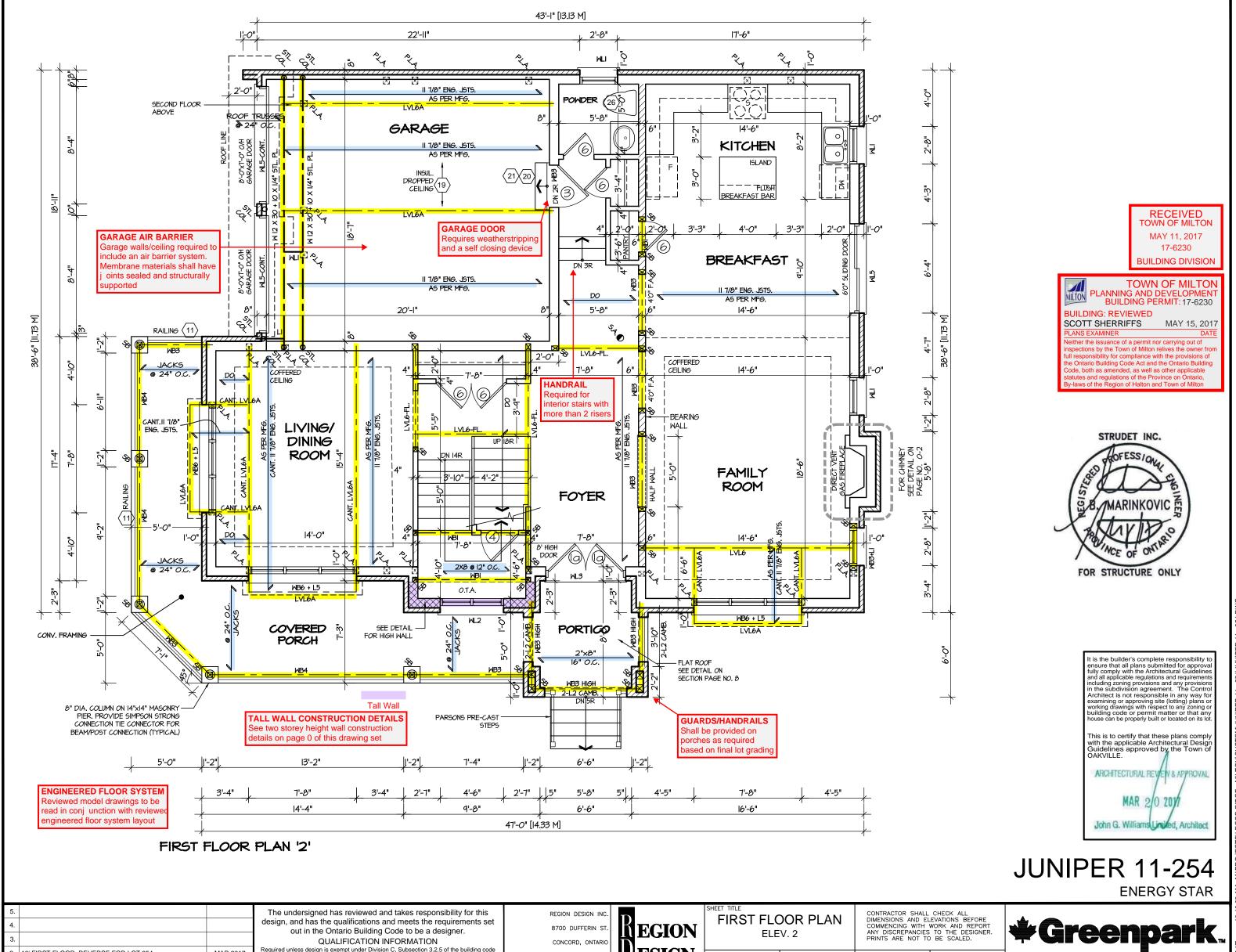
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.

2971 0-2 02-10-22



LECCO RIDGE





QUALIFICATION INFORMATION

SIGNATURE

28770

. 10' FIRST FLOOR, REVERSE FOR LOT 254

**REVISIONS** 

ISSUED FOR REVIEW

MAR 2017

OCT 2016

VIKAS GAJJAR

NAME

ELEV. 2

V.G.

2971

02-10-22

2-2

3/16"=1'-0"

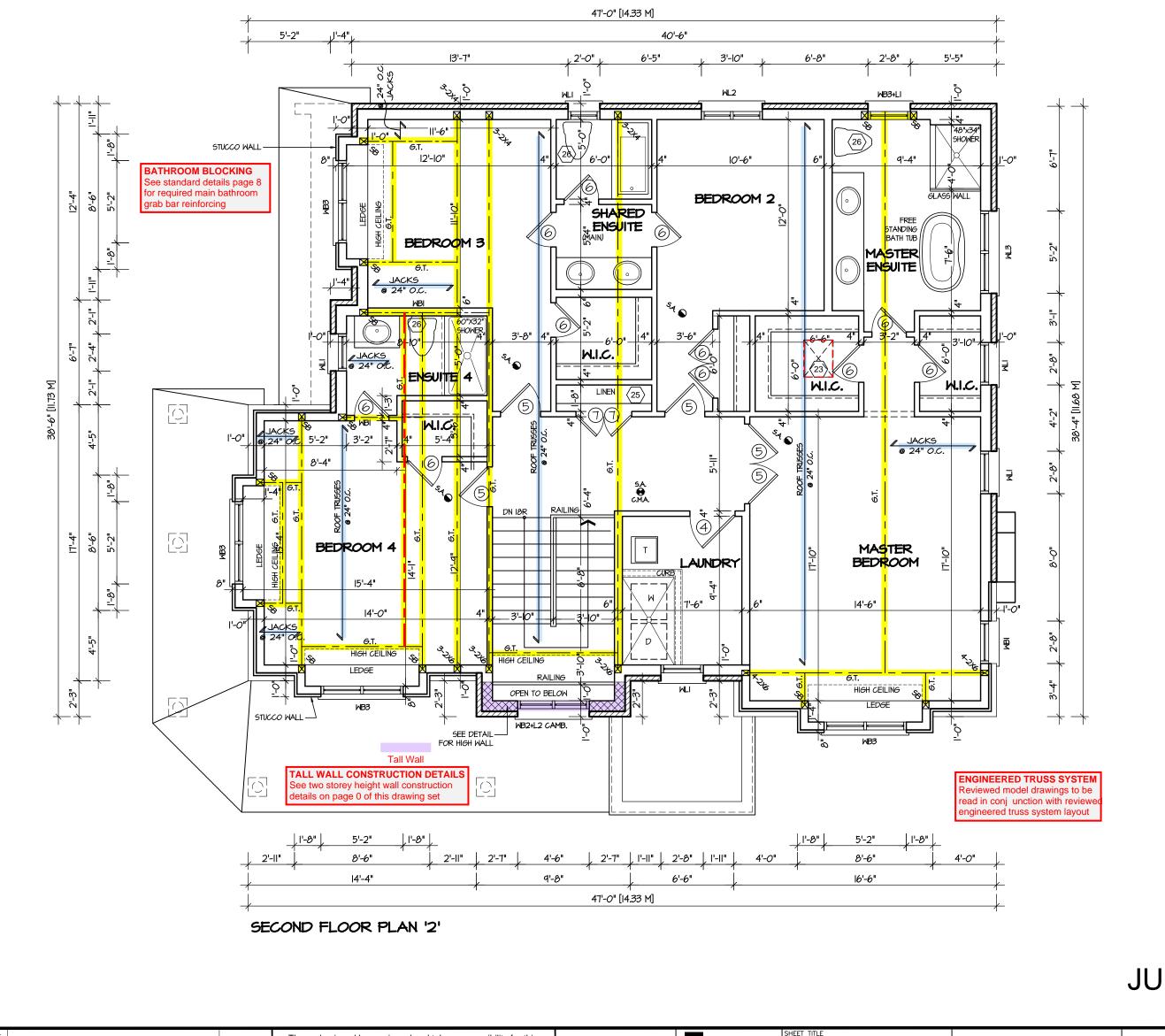
JUL 2016

**ESIGN** 

P (416) 736-4096

F (905) 660-0746

LECCO RIDGE



RECEIVED TOWN OF MILTON MAY 11, 2017 17-6230

TOWN OF MILTON
PLANNING AND DEVELOPMENT
BUILDING PERMIT: 17-6230

BUILDING: REVIEWED

SCOTT SHERRIFFS MAY 15, 2017
PLANS EXAMINER DATE

Neither the issuance of a permit nor carrying out of inspections by the Town of Milton relives the owner frull 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.



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 OAKVILLE.

MAR 2/0 2017

John G. Williams Limited, Architect

**ENERGY STAR** 

JUNIPER 11-254

L	5.			The undersig
	4.			design, and ha out in
	3.			out iii
	2.	10' FIRST FLOOR, REVERSE FOR LOT 254	MAR 2017	Required unless de
	1.	ISSUED FOR REVIEW	OCT 2016	VIKAS GAJJA
		NAME		

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

IKAS GAJJAR 28770 AME SIGNATURE BCIN REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4096 F (905) 660-0746



SECOND FLOOR PLAI ELEV. 2				
SCALE 3/16"=1'-0"	V.G.	AF		

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.

REA
2971

PAGE No.

02-10-22

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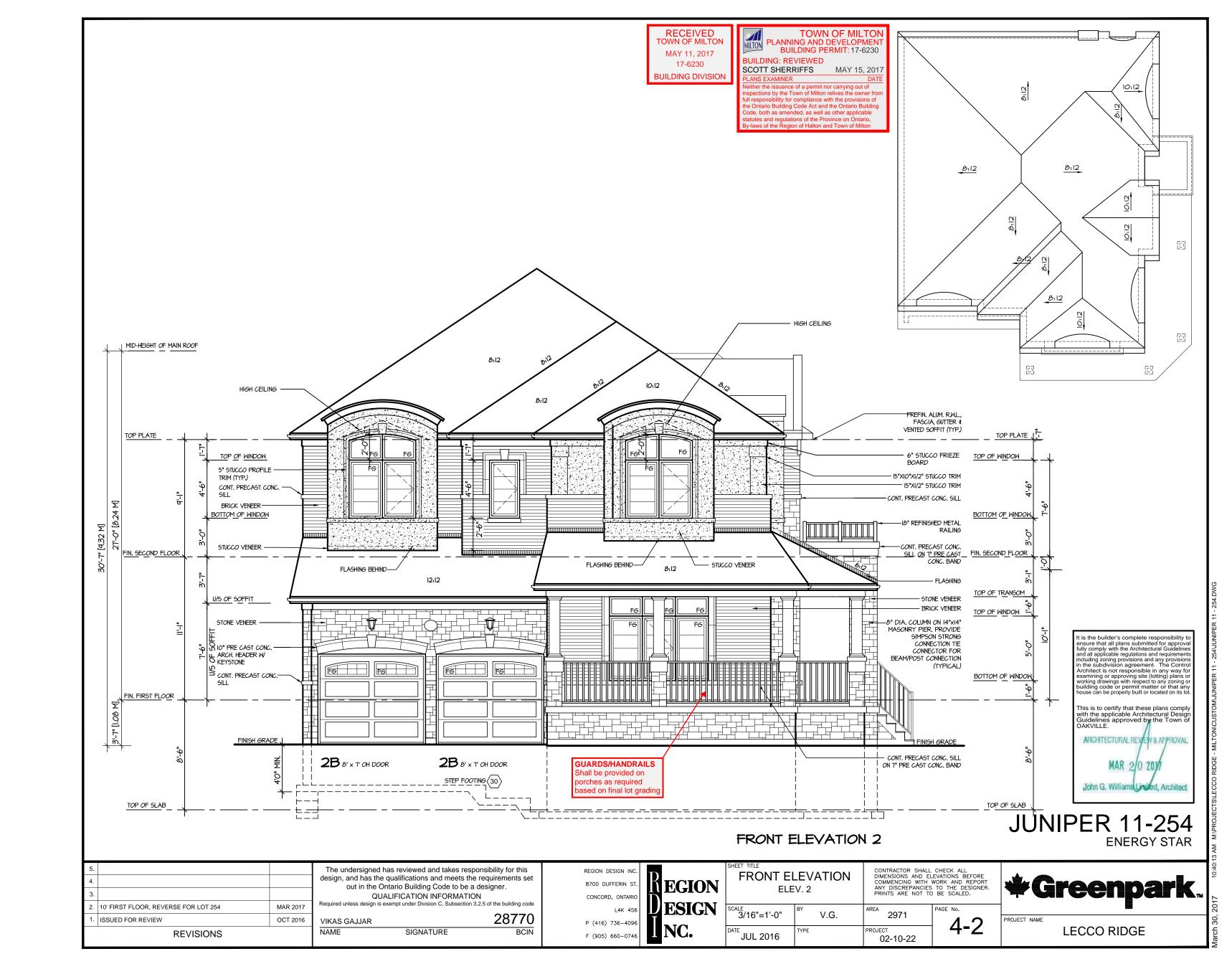
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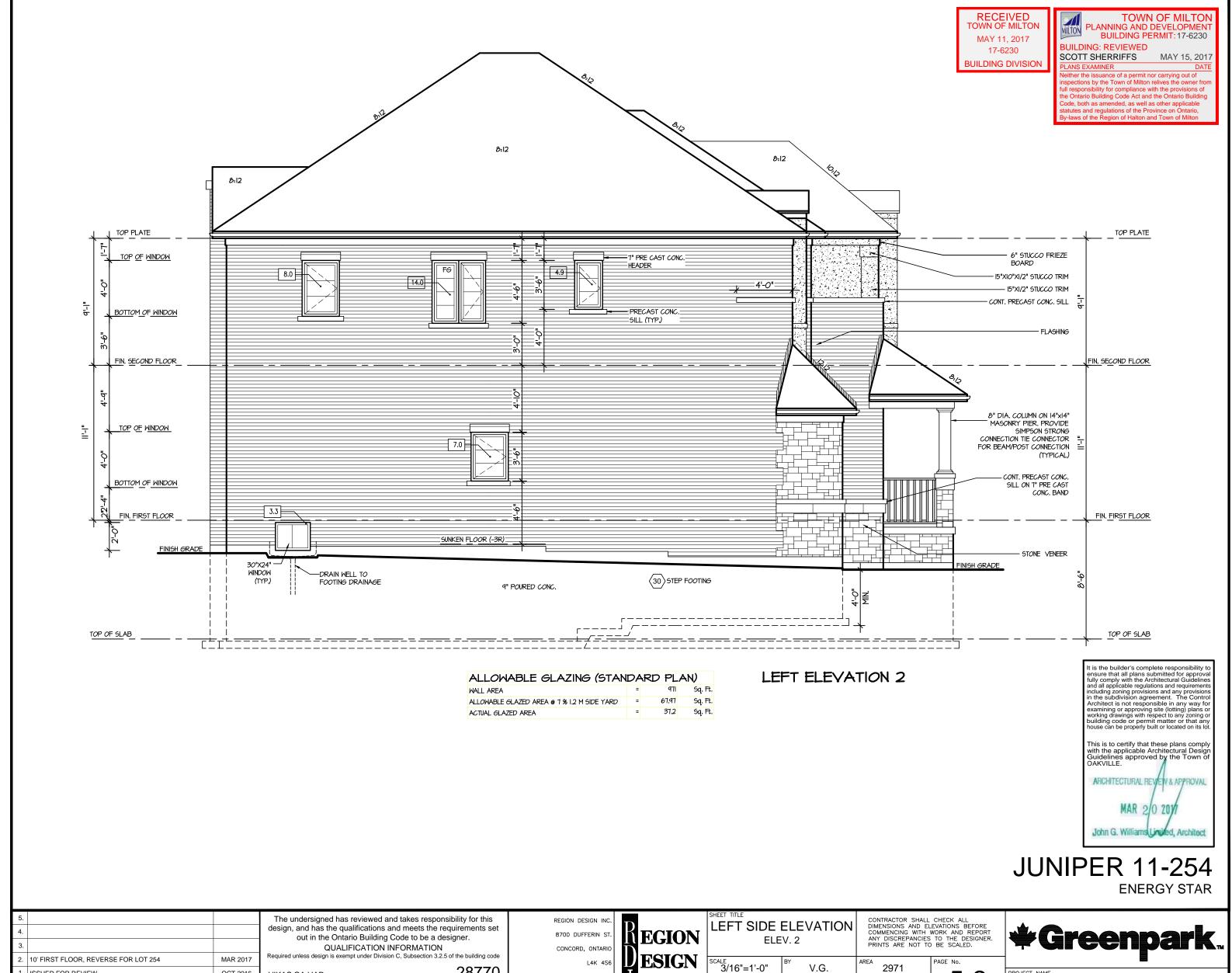


ECT NAME

LECCO RIDGE

March 30, 2017 10:40





28770

P (416) 736-4096

F (905) 660-0746

ISSUED FOR REVIEW

**REVISIONS** 

OCT 2016

VIKAS GAJJAR

SIGNATURE

NAME

V.G.

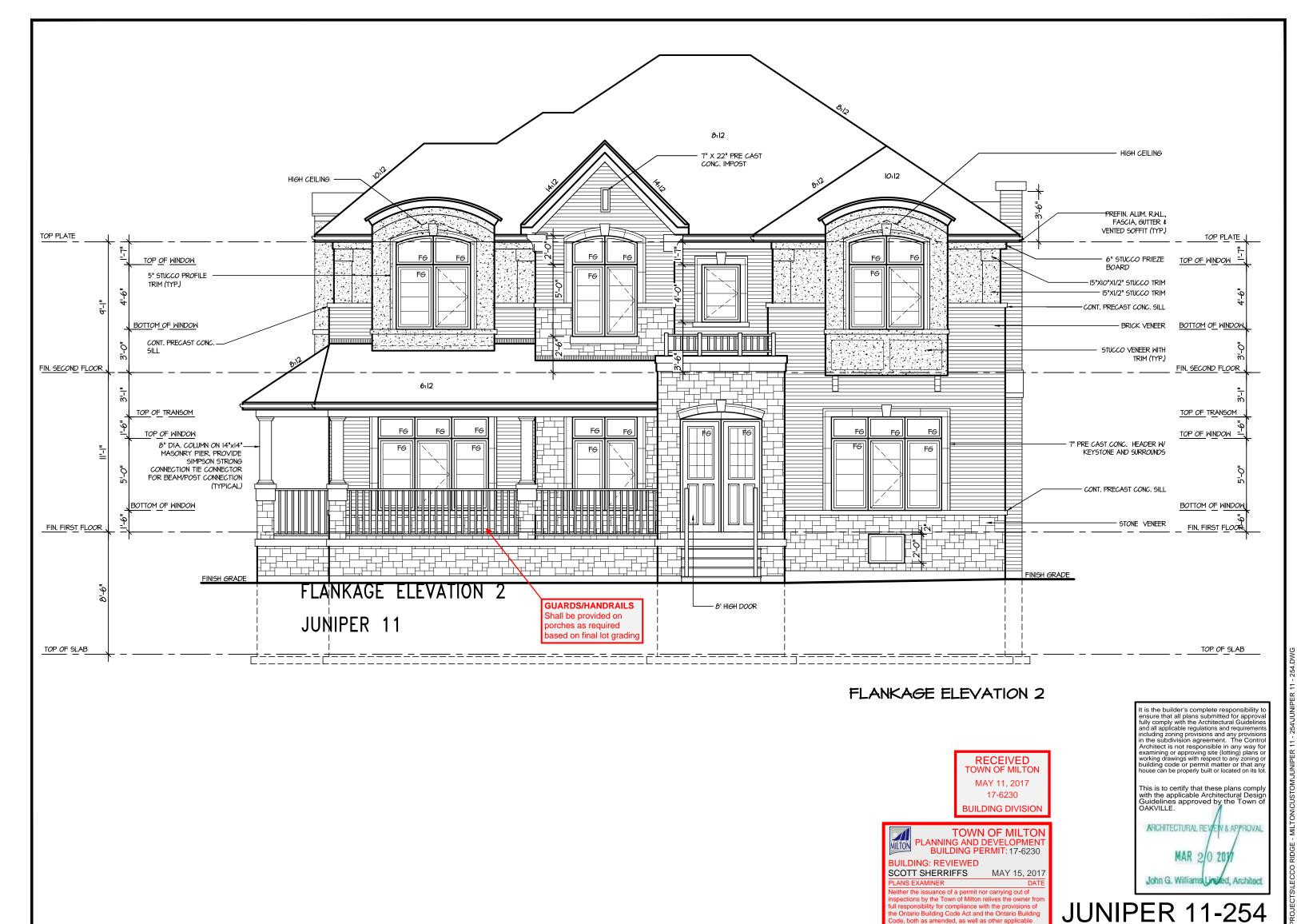
JUL 2016

2971

02-10-22

5-2

**LECCO RIDGE** 



The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set

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The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set

 4.

 3.

 2.
 10' FIRST FLOOR, REVERSE FOR LOT 254
 MAR 2017

 1.
 ISSUED FOR REVIEW
 OCT 2016

**REVISIONS** 

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QUALIFICATION INFORMATION
tequired unless design is exempt under Division C. Subsection 3.2.5 of the building code

VIKAS GAJJAR 28770
NAME SIGNATURE BCIN

REGION DESIGN INC.

8700 DUFFERIN ST.

CONCORD, ONTARIO

L4K 4S6

P (416) 736–4096

F (905) 660-0746



SHEET TITLE
RIGHT SIDE ELEVATION
ELEV. 2

CONTRACTOR SHALL CHECK ALL
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3/16"=1'-0" BY V.G. AREA 2971 PAGE NO.

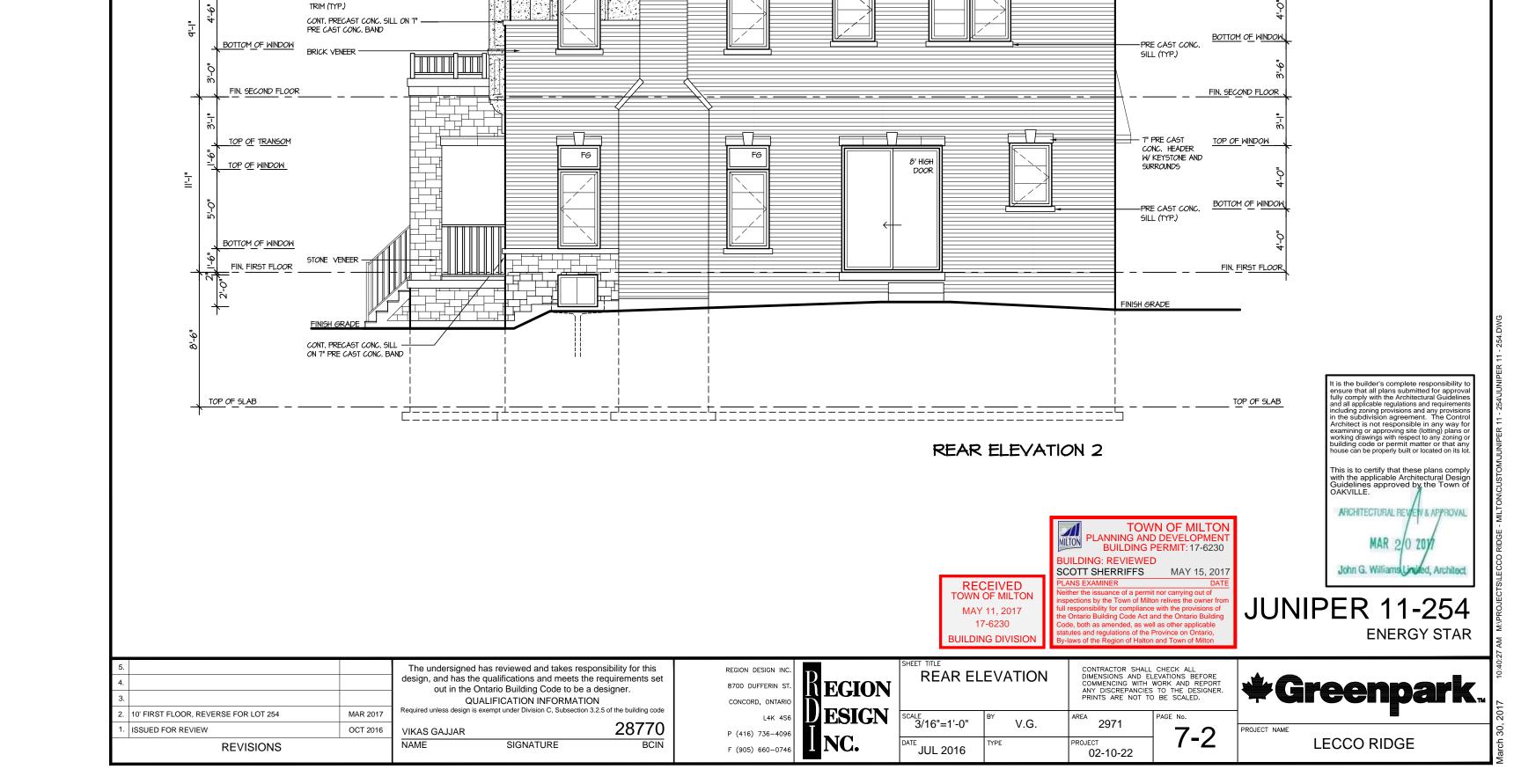
SATE JUL 2016 TYPE PROJECT 02-10-22

\*Greenpark

**ENERGY STAR** 

PROJECT NAME

LECCO RIDGE



TOP PLATE J

TOP OF WINDOW

7" PRE CAST CONC. HEADER W KEYSTONE

PREFIN. ALUM. R.W.L., -FASCIA, GUTTER & VENTED SOFFIT (TYP.)

6" PREFINISH ALUMINUM FREIZE BOARD

5" STUCCO PROFILE -

TOP PLATE

TOP OF WINDOW

