<u>&" OR 10" FOUNDATION WALLS WITH 2"x&" / 2"x10" FLOOR JOISTS</u> 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.

<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

FI = 42"x42"x18" CONCRETE PAD FI = 48"x48"x20" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F4 = 28"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)

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

90 KPa ENGINEERED FILL SOIL

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 (100×90×8·0L) + 2-2"x8" SPR. No.2 WL3 = 5"x3-1/2"x5/16"L (125×90×8·0L) + 2-2"x10" SPR. No.2 $\begin{array}{lll} \text{WL4} &= 6\text{''}\times3\text{-}1/2\text{''}\times3/8\text{''L} & (150\times90\times10.0\text{L}) + 2\text{-}2\text{''}\times12\text{''} & \text{SPR. No.2} \\ \text{WL5} &= 6\text{''}\times4\text{''}\times3/8\text{''L} & (150\times100\times10.0\text{L}) + 2\text{-}2\text{''}\times12\text{''} & \text{SPR. No.2} \\ \text{WL6} &= 5\text{''}\times3\text{-}1/2\text{''}\times5/16\text{''L} & (125\times90\times8.0\text{L}) + 2\text{-}2\text{''}\times12\text{''} & \text{SPR. No.2} \\ \end{array}$ ML7 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x10" SPR. No.2 ML8 = 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) WB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2) MB3 = 2-2"xIO" SPR. No.2 (2-38x235 SPR. No.2) WB4 = 3-2"xIO" SPR. No.2 (3-38x235 SPR. No.2)

MB5 = 2-2"x|2" SPR. No.2 (2-38x286 SPR. No.2) MB6 = 3-2"x|2" SPR. No.2 (3-38x286 SPR. No.2) MB7 = 5-2"x|2" SPR. No.2 (5-38x286 SPR. No.2) WBII = 4-2"xIO" 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

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 = 1-1 3/4" x 9 1/2" (1-45x240) LVL4 = 2-1 3/4" x 9 1/2" (2-45x240) LVL5 = 3-1 3/4" x 9 1/2" (3-45x240)

LVL5A = 4-1 3/4" x 9 1/2" (4-45x240) LVL6A = 1-1 3/4" x 11 7/8" (1-45x300)

LVL6 = 2-1 3/4" x |1 7/8" (2-45x300) LVL7 = 3-1 3/4" x |1 7/8" (3-45x300) LVL7A = 4-1 3/4" x |1 7/8" (4-45x300)

LVL9 = 2-1 3/4" x 14" (2-45x356) LVL9 = 3-1 3/4" x 14" (3-45x356) LVL10 = 2-1 3/4" x 18" (3-45x456)

LOOSE STEEL LINTELS

DOOR SCHEDULE

ISSUED FOR REVIEW

 $\overline{LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)}$ 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)

NOS. | WIDTH HEIGHT HEIGH. TYPE O' OR MORE 6'-8 8'-0

INSULATED ENTRANCE DOOR INSULATED FRONT DOORS WOOD & GLASS DOOR 2'-8' 6'-8 8'-0' 8'-0" EXTERIOR SLAB DOOR 2'-8" 6'-8' 8'-0" INTERIOR SLAB DOOR 6'-8" 8'-0" INTERIOR SLAB DOOR 2'-2' 8'-0" INTERIOR SLAB DOOR 6'-8' INTERIOR SLAB DOOR

REVISIONS

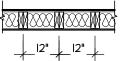
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

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

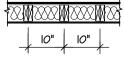
REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

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.



TWO STORY HEIGHT WALL DETAIL

1 1/2" x 5 1/2" TIMBERSTRAND (LSL.) L5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10"O.C. FULL HT C/W SOLID BLOCKING MAX. 8'-0"O.C. VERTICAL AND 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

GENERAL NOTES/CONSTRUCTION DETAILS Reviewed drawings to be read in conjunction rith reviewed general notes, constructions etails and specifications



28770

BCIN

TOWN OF MILTON MAY 30, 2017 17-7100 BUILDING DIVISION

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

RECEIVED

VIKAS GAJJAR

NAME

REGION DESIGN INC 8700 DUFFERIN ST

P (416) 736-409 F (905) 660-0746



<u> </u>	SHEET T
EGION	
LESIGN	SCALE 3
NC.	DATE

AREA C	CHARTS	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFOR COMMENCING WITH WORK AND REPC ANY DISCREPANCIES TO THE DESIGN PRINTS ARE NOT TO BE SCALED.			
3/16"=1'-0"	V.G.	^{AREA} 3130	PAGE No.		
JUL 2016	TYPE	PROJECT 02-10-105	U		

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

NOTE

മ മ

(R50)

(R3I)

5.46

4.4

(R20+R5)

(R20 BLANKET)

SPEED FRESH/STALE

75% CFLs OR LEDs

ENERGY STAR ® ZONE C (ER 29/UV 1.4.

95% ENERGY STAR ${\mathbb R}$ WITH ECM

FLECTRONIC SPARK IGNITION

TIFR 2 65% SRF FNFRGY STAR ® HRV T BE INTERCONNECTED TO THE FURNACE FAMUST BE BALANCED INDICATING ON HIGH

CONDENSING HOT WATER TANK 90% TE ENVIROSENCE

ONE SHOWER > 42% STEADY R3-42 OR

DETACHED LEVEL I (2.5 ACH/O.I& NLR) ATTACHED LEVEL I (3.0 ACH/O.26 NLR)

ALL SUPPLY DUCTS I m (HORIZONTAL) OF RETURN DUCTS

2012 ENERGY STAR V-12.7

COMPONENT

EXPOSE FLOOR

CEILING WITH ATTIC SPACE

CEILING WITHOUT ATTIC SPACE MINIMUM RSI (R) VALUE

EDGE OF BELOW GRADE SLAB < 600mm BELOW GRADE

WINDOWS & SLIDING GLASS DOORS

MINIMUM RSI (R) VALUE

SPACE HEATING EQUIPMENT MINIMUM AFUE

GAS FIREPLACE

HRV MINIMUM EFFICIENCY

HOT WATER TANK

LIGHTS

3/

DRAIN WATER HEAT RECOVERY

AIR TIGHTNESS MUST MEET MINIMUM

MINIMUM RSI (R) VALUE

MINIMUM RSI (R) VALUE

WALLS ABOVE GRADE MINIMUM RSI (R) VALUE

BASEMENT WALLS MINIMUM RSI (R) VALUE

AREA CALCULATIONS			ELE	V. 2	
GROUND FLOOR AREA	=		1420	Sq. Ft.	
SECOND FLOOR AREA	=		1710	Sq. Ft.	
TOTAL FLOOR AREA	=		3130	Sq. Ft.	
			290.79	Sq. M.	
IST FLOOR OPEN AREA	=	0		Sq. Ft.	
2ND FLOOR OPEN AREA	=	0		Sq. Ft.	
ADD TOTAL OPEN AREAS	=		0	Sq. Ft.	
ADD FIN. BASEMENT AREA	=		0	Sq. Ft.	
GROSS FLOOR AREA	=		3130	Sq. Ft.	
			290.79	Sq. M.	
GROUND FLOOR COVERAGE	=		1420	Sq. Ft.	
GARAGE COVERAGE /AREA	=		400	Sq. Ft.	
PORCH COVERAGE / AREA	=		78	Sq. Ft.	
TOTAL COVERAGE W PORCH	=		1898	Sq. Ft.	
	=		176.33	Sq. m.	
TOTAL COVERAGE WO PORCH	=		1820	Sq. Ft.	
	=		169.08	Sq. m.	

JUNIPER 7	-119	ELEV.2	P. ENERGY STAF			
ELEVATION	WALL FT ²	WALL MT ²	OPENING FT2	OPENING MT2	PERCENTAGE	
FRONT	861.97	80.08	123.72	11.49	14.35 %	
LEFT SIDE	1137.53	105.68	82.90	7.70	7.29 %	
RIGHT SIDE	1033.37	96.00	16.33	1.52	1.58 %	
REAR	1228.63	114.14	184.23	17.12	14.99 %	
TOTAL	4261.50	395.91	407.18	37.83	4.55 %	

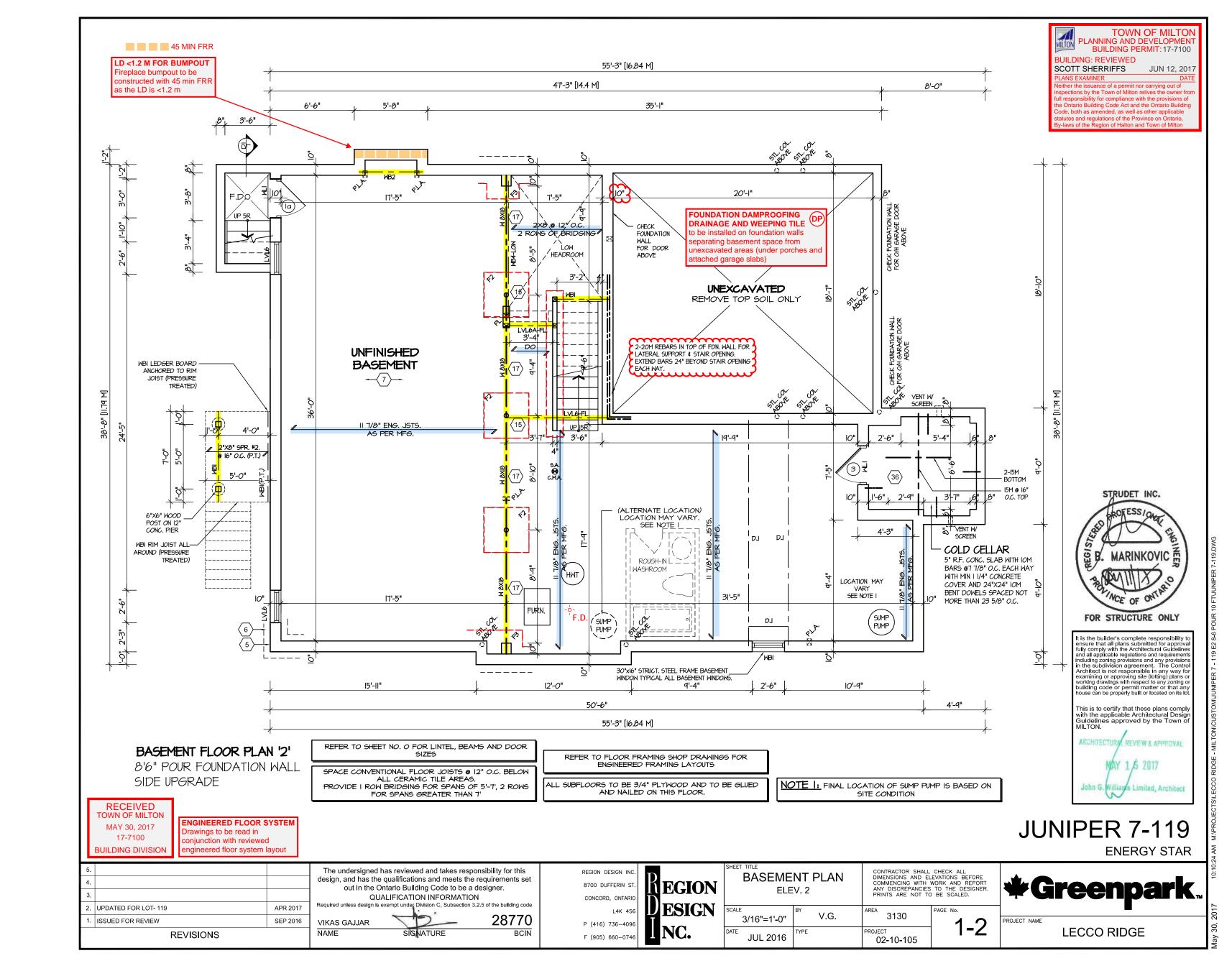
STRUDET INC. ROFESS 104 MARINKOVIC NCE OF ONTAR FOR STRUCTURE ONLY

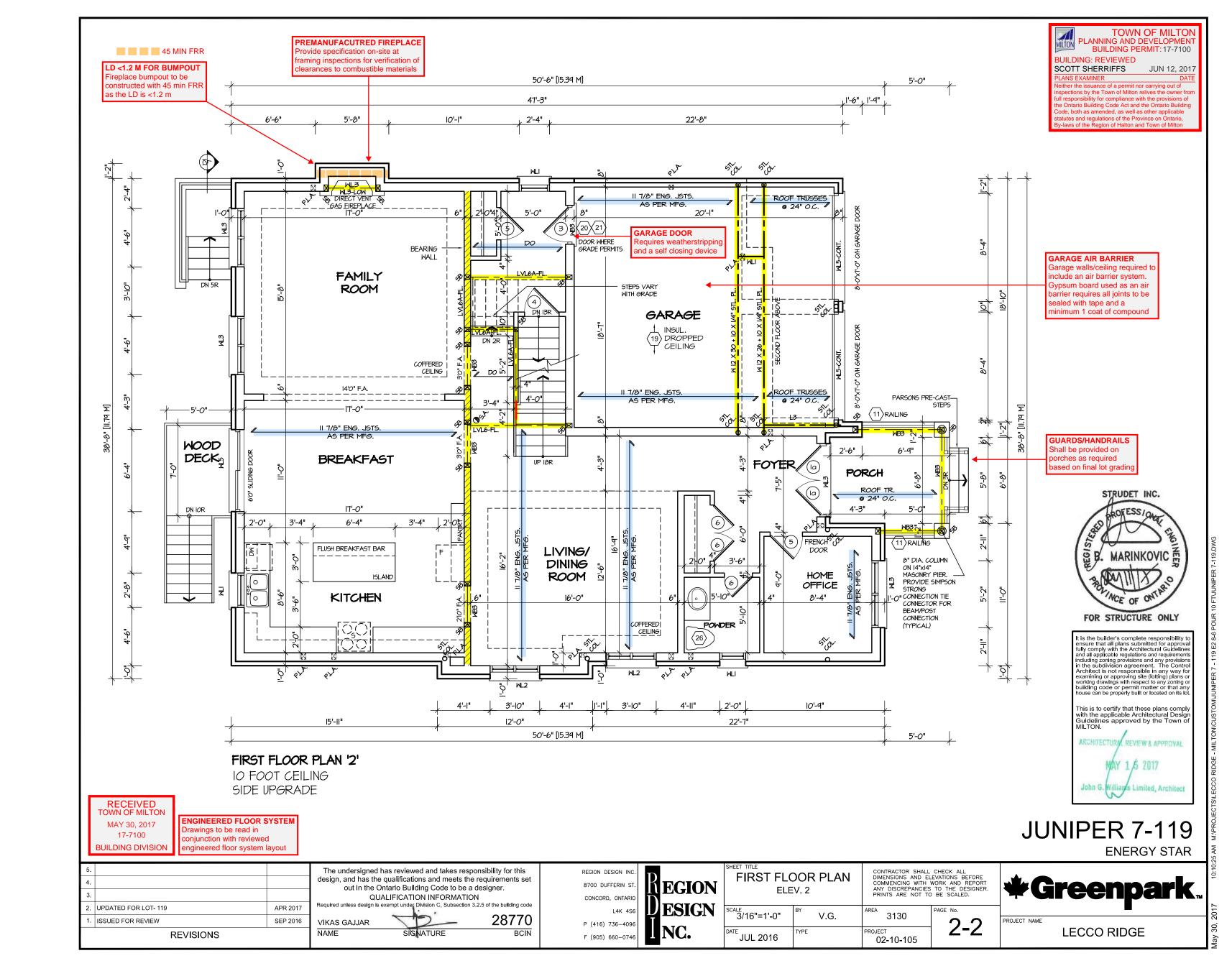
It is the builder's complete responsibility to ensure that all plans submitted for approva fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Contro Architect is not responsible 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

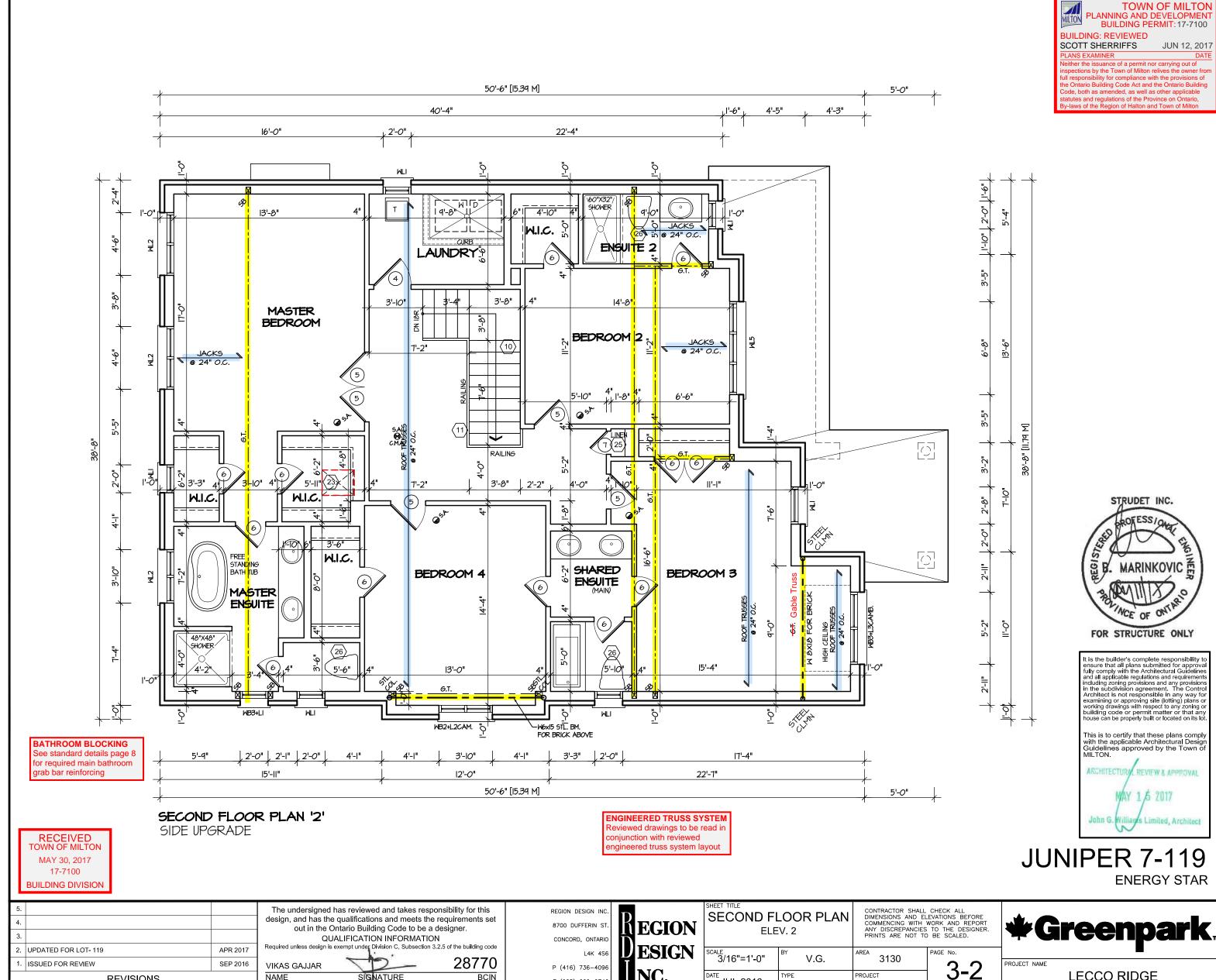
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of MILTON.

JUNIPER 7-119 ENERGY STAR

Greenpark







JUL 2016

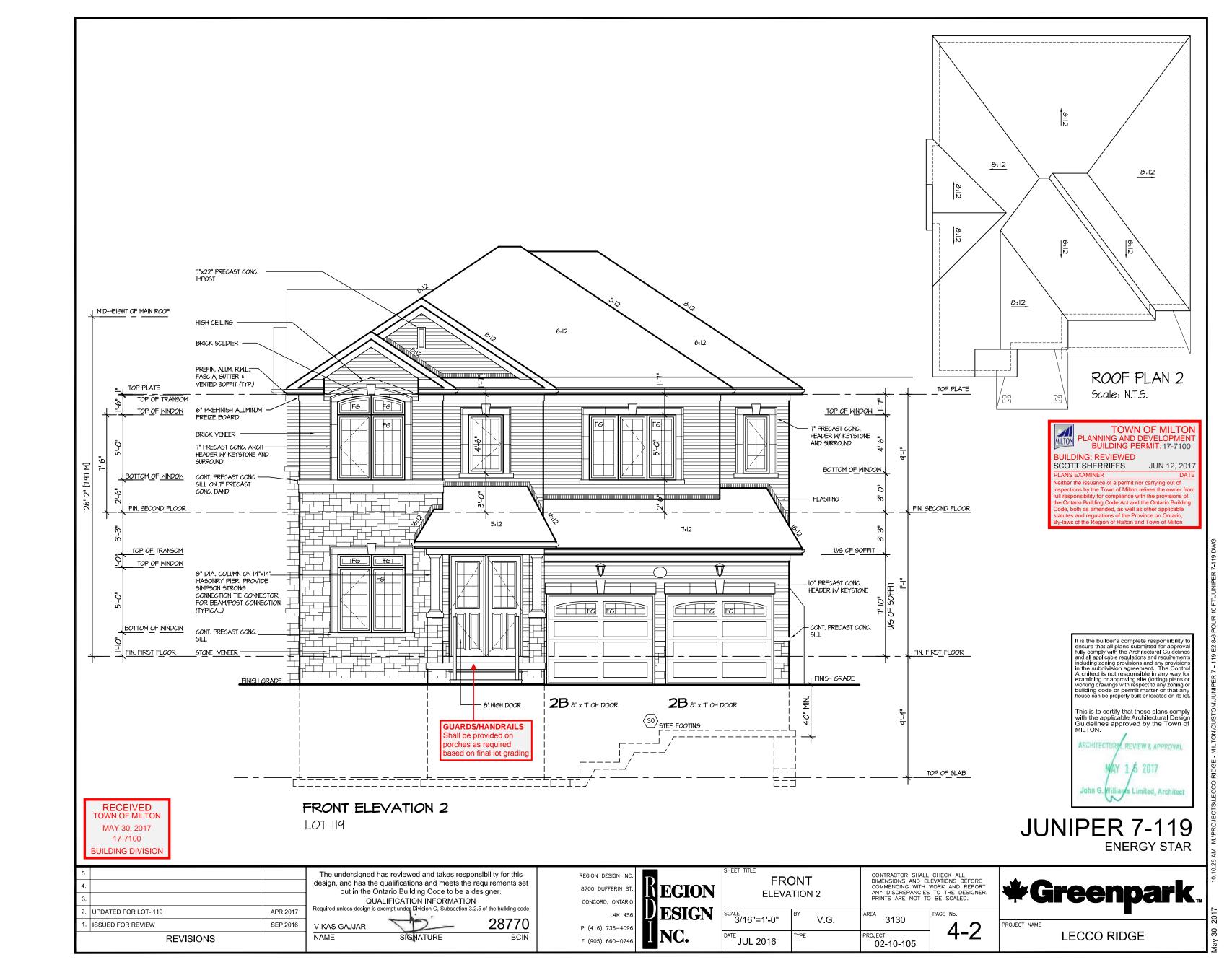
02-10-105

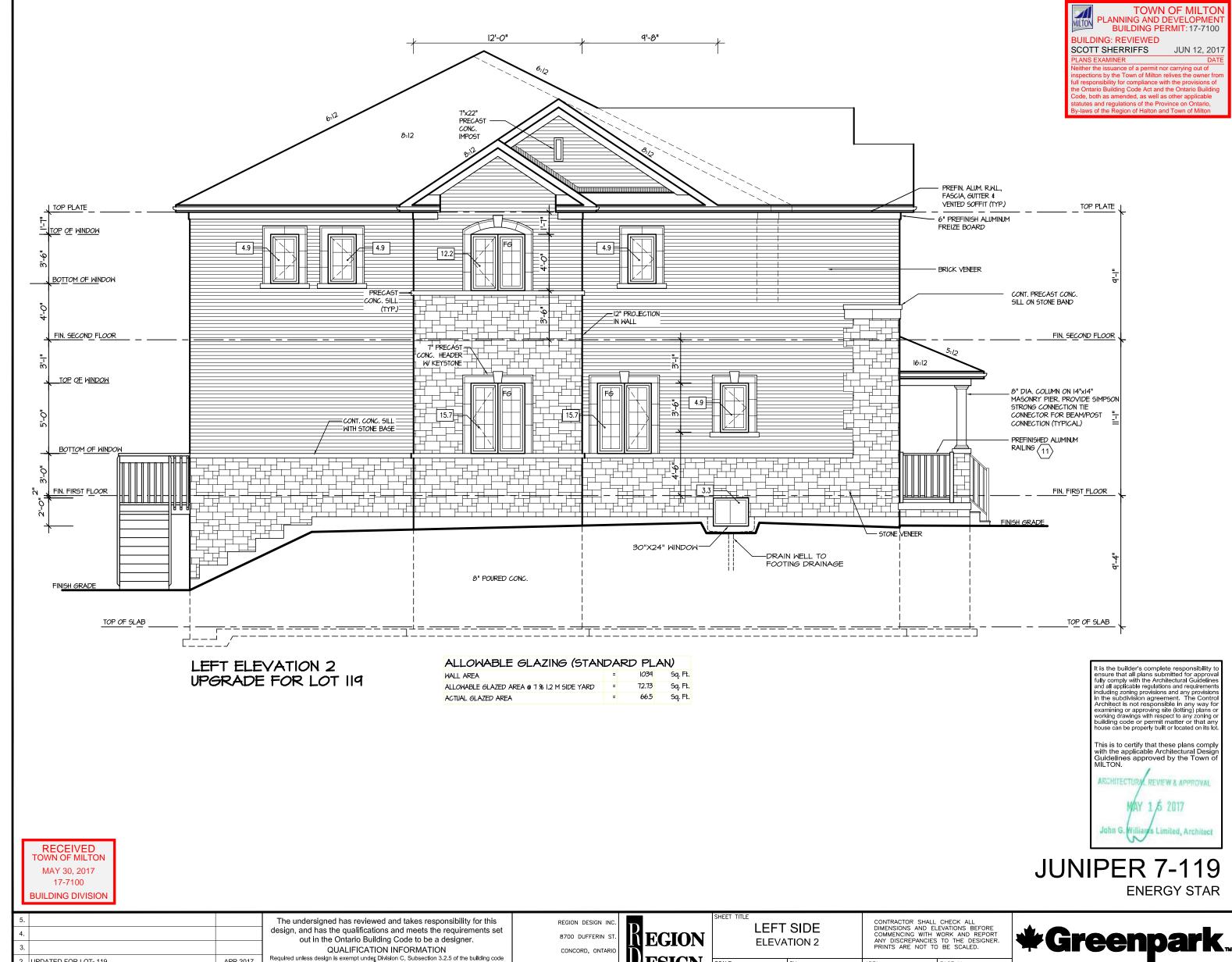
REVISIONS

NAME

SIGNATURE

BCIN





ESIGN

P (416) 736-4096

3/16"=1'-0"

JUL 2016

V.G.

3130

02-10-105

5-2

QUALIFICATION INFORMATION sign is exempt under Division C, Subsection 3.2.5 of the building code

SIGNATURE

VIKAS GAJJAR

NAME

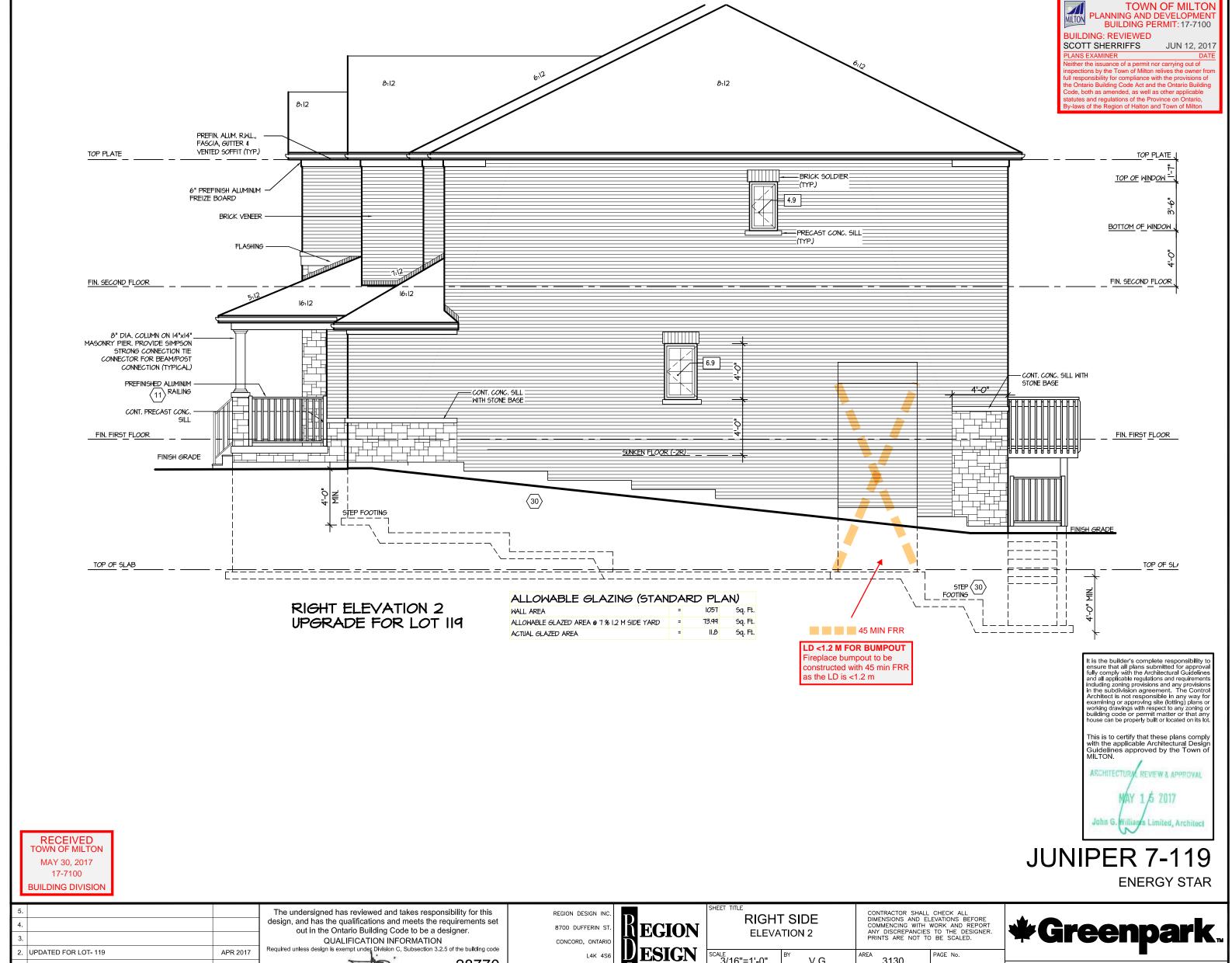
28770

BCIN

UPDATED FOR LOT- 119

REVISIONS

ISSUED FOR REVIEW



28770

BCIN

P (416) 736-4096

3/16"=1'**-**0"

JUL 2016

V.G.

3130

02-10-105

6-2

UPDATED FOR LOT- 119

REVISIONS

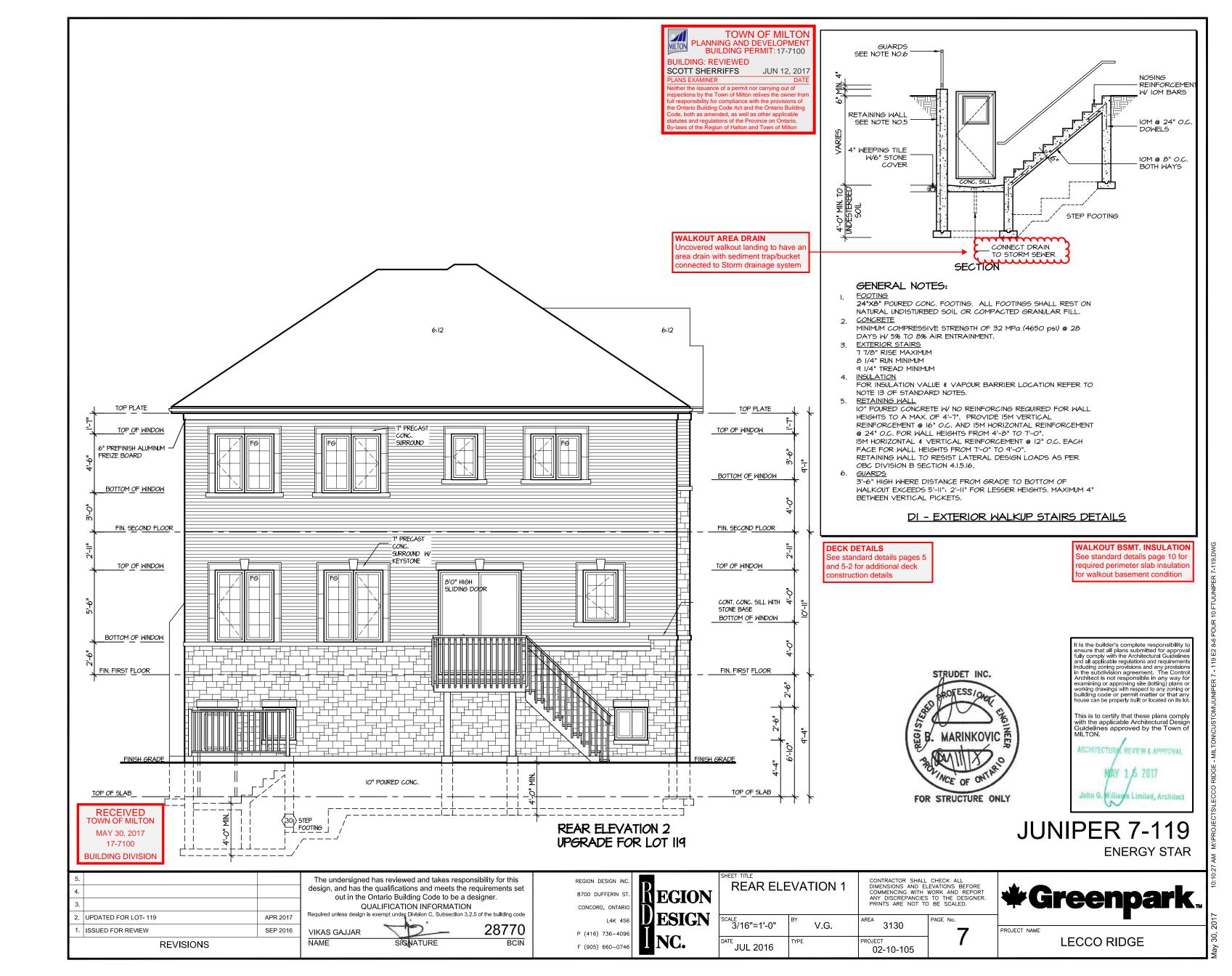
ISSUED FOR REVIEW

APR 2017

VIKAS GAJJAR

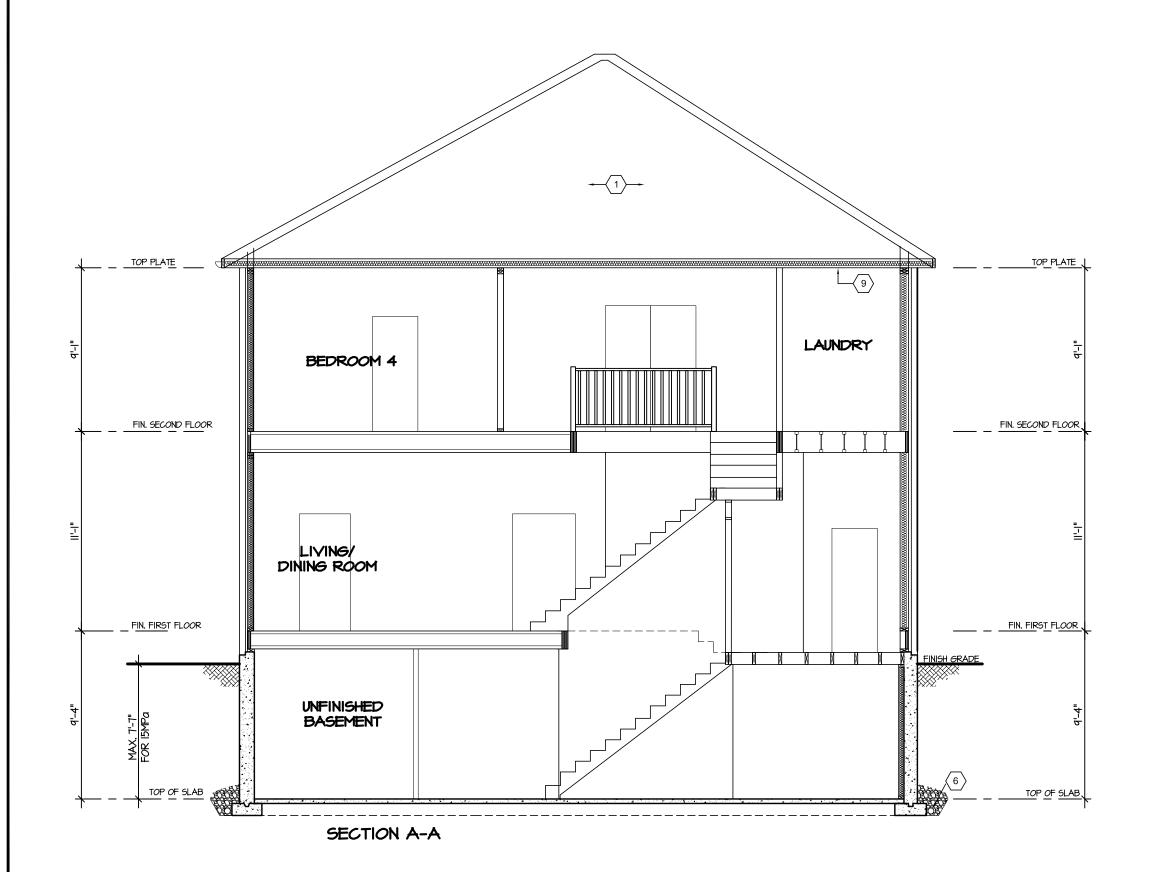
SIGNATURE

NAME



RECEIVED TOWN OF MILTON MAY 30, 2017 17-7100

BUILDING DIVISION





FOR STRUCTURE ONLY

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

JUNIPER 7-119

ENERGY STAR

5.				
4.				
3.				
2.	UPDATED FOR LOT- 119	APR 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

I unless design is exempt under Division C, Subsection 3.2.5 of the building code

28770

BCIN

VIKAS GAJJAR NAME SIGNATURE



REGION DESIGN INC.	D	SHEET TITLE CROSS
8700 DUFFERIN ST.	MEGION	CINOSS
CONCORD, ONTARIO		
L4K 4S6	ЦESIGN	SCALE 3/16"=1'-0"
P (416) 736-4096	NIC	3.75
F (905) 660-0746	IINC.	JUL 2016

CROSS SECTION				CON DIME COM ANY PRIN
	SCALE 3/16"=1'-0"	V.G.	ARI	ĒΑ

V.G.

INTRACTOR SHALL CHECK ALL
MENSIONS AND ELEVATIONS BEFORE
MMENCING WITH WORK AND REPORT
IY DISCREPANCIES TO THE DESIGNER.
HINTS ARE NOT TO BE SCALED. 3130 8

02-10-105

