



Drawing List:

- AO TITLE SHEET
- A1 BASEMENT PLAN ELEV. 'A' & 'B'
- A2 GROUND FLOOR PLAN ELEV. 'A'
- A3 SECOND FLOOR PLAN ELEV. 'A'
- A4 PART. GROUND FLOOR PLAN ELEV. 'B'
 PART. SECOND FLOOR PLAN ELEV. 'B'
 PARTIAL OPT. ENSUITE PLAN EL. 'A' & 'B'
- A5 FRONT ELEVATION 'A'
- A6 RIGHT SIDE ELEVATION 'A'
- A7 REAR ELEVATION 'A' & 'B'
- A8 LEFT SIDE ELEVATION 'A'
- A9 FRONT ELEVATION 'B'
- A10 RIGHT SIDE ELEVATION 'B'
- A11 LEFT SIDE ELEVATION 'B'
- A12 TYPICAL CROSS-SECTION
- D1 CONSTRUCTION NOTES D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES
- D4 TYPICAL WALL SECTION

Areas:

	ELEVATIO	'A' NC	ELEVATION	ON 'B'
	SF	SM	SF	SM
GROUND FLOOR PLAN	1117.3	103.8	1117.3	103.8
SECOND FLOOR PLAN	1464.6	136.1	1466.0	136.2
SECOND FLOOR PLAN OTB	(7.8)	(0.7)	(7.8)	(0.7)
TOTAL AREA	2574.1	239.1	2575.5	239.3
COVERAGE INC PORCH	1556.7	144.6	1556.7	144.6
COVERAGE NOT INC PORCH	1499.3	139.3	1499.3	139.3

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 City of VAUGHAN.

Gold Park Homes

Huntington & Nashville

I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN ITD. UNDER DIVISION C.PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:



Gold Park Homes Kleinburg

Huntington & Nashville

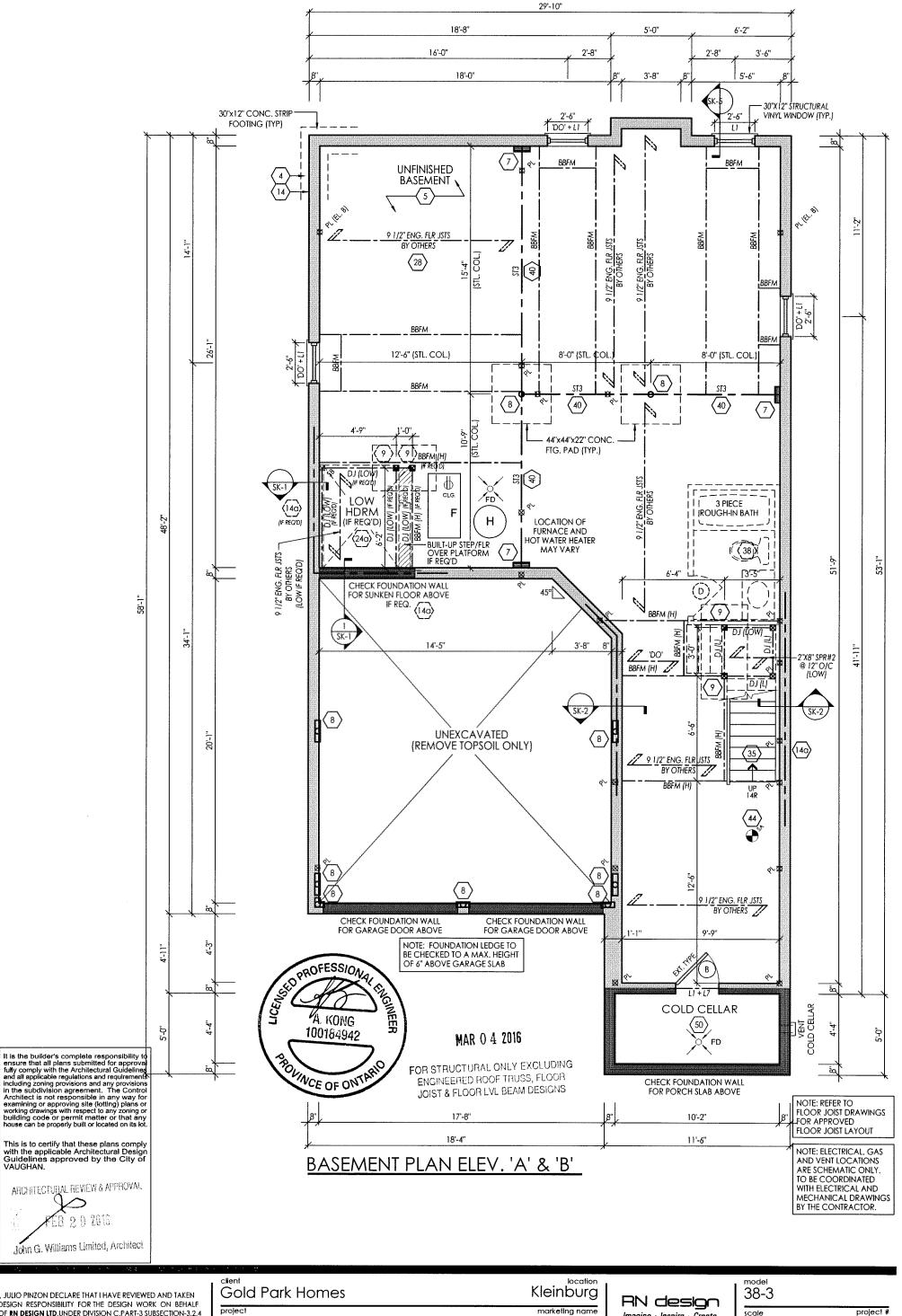
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM
2	REVISED AS PER FLOOR & TRUSSES COORD.	10-Jun-15	RPA	HLD	6	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM
3	REVISED AS PER ENGINEERING COMM.	2-Jul-15	R₽A	DJH	7	ISSUED FOR PERMIT	24-FEB-16	JΡ	JР
4	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	8				

RN design Imagine • Inspire • Create



model 38-3	
scale	project #
3/16" = 1'0"	14043





I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:



Huntington & Nashville

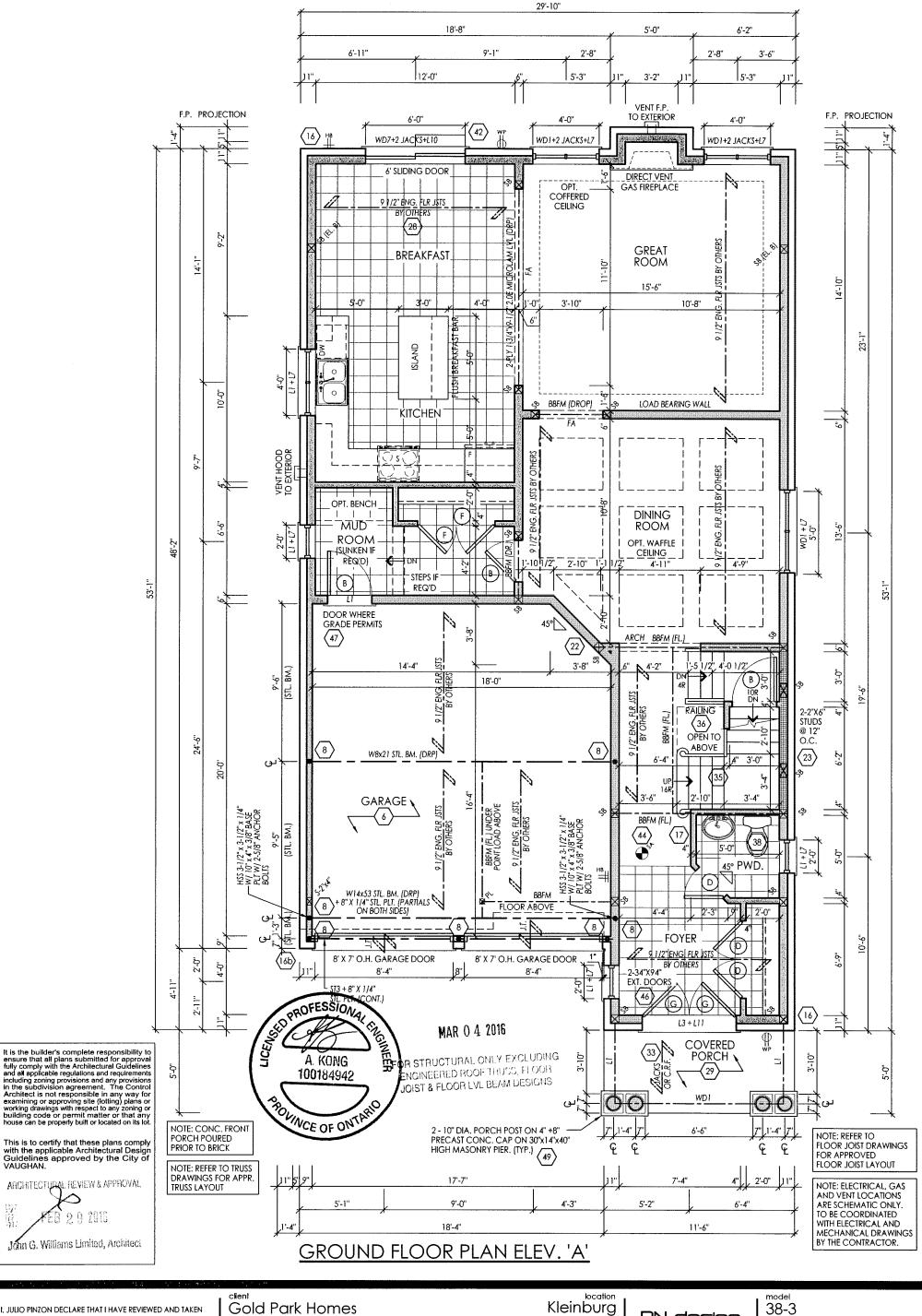
1 SSUED FOR CLIENT REVIEW 2004-03-15 BU RPA 5 REVISED AS PER CLIENT COMMENTS 19-Jan-1 2 REVISED AS PER FLOOR & TRUSSES COORD. 10-Jun-15 RPA DJH 6 REVISED AS PER ENGINEER COMMENTS 24-FEB-1	s JM							d
		JM	JM	JM	JM	JM	JM	,
	6 JP	, [
3 REVISED AS PER ENGINEERING COMM. 2-Jul-15 RPA DJH 7 ISSUED FOR PERMIT 24-FEB-1.	5 JP	JР	JР	JР	JР	JР	JР	1

Imagine • Inspire • Create



project # scale 3/16" = 1'0" 14043





I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN ITD, UNDER DIVISION C.PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

38688 26995

Gold Park Homes

Kleinburg

Project

Huntington & Nashville

#	revisions	date d	nwb	chk	#	revisions	date d	dwn	chl
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	ML
2	REVISED AS PER FLOOR & TRUSSES COORD.	10-Jun-15	RPA	DJH	6	ISSUED FOR PERMIT	24-FEB-16	JP	JP
3	REVISED AS PER ENGINEERING COMM.	2-Jul-15	RPA	HŁO	7				
4	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	8				

RN design

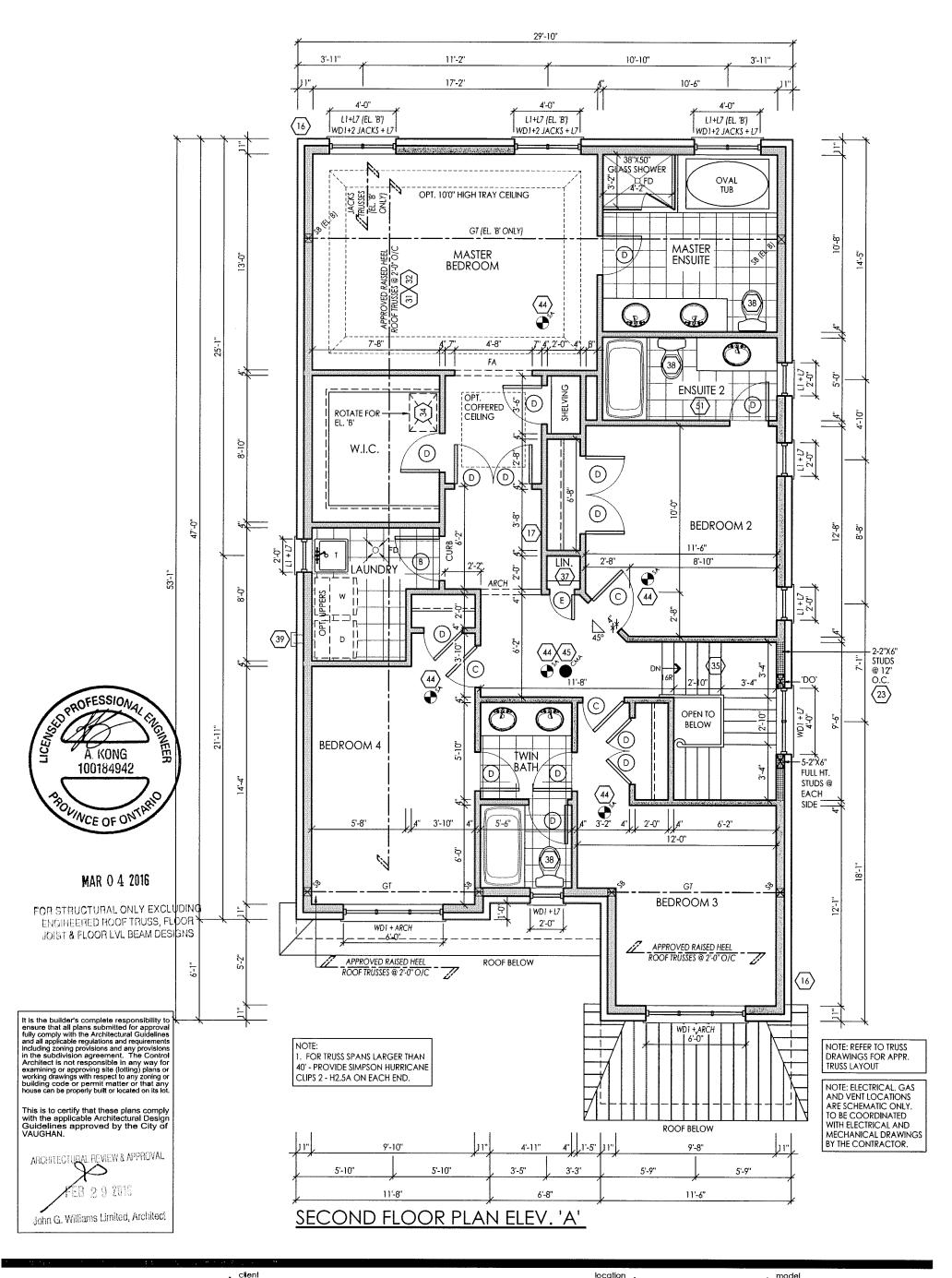
Imagine - Inspire - Create

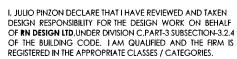


model 38-3 scale project # 3/16" = 1'0" 14043



page





QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

3868

Gold Park Homes

Kleinburg

Huntington & Nashville

#	revisions	date	dwn	chk	#	revisions	date (dwn	chl
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5	REVISED AS PER CLIENT COMMENTS	19-Jan-16	ML	JM
2	REVISED AS PER FLOOR & TRUSSES COORD.	10-Jun-15	RPA	DJH	6	REVISED AS PER ENGINEER COMMENTS	24-FEB-16	JP	JP
3	REVISED AS PER ENGINEERING COMM.	2-Jul-15	RPA	HLG	7	ISSUED FOR PERMIT	24-FEB-16	JP	JP
4	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	8				

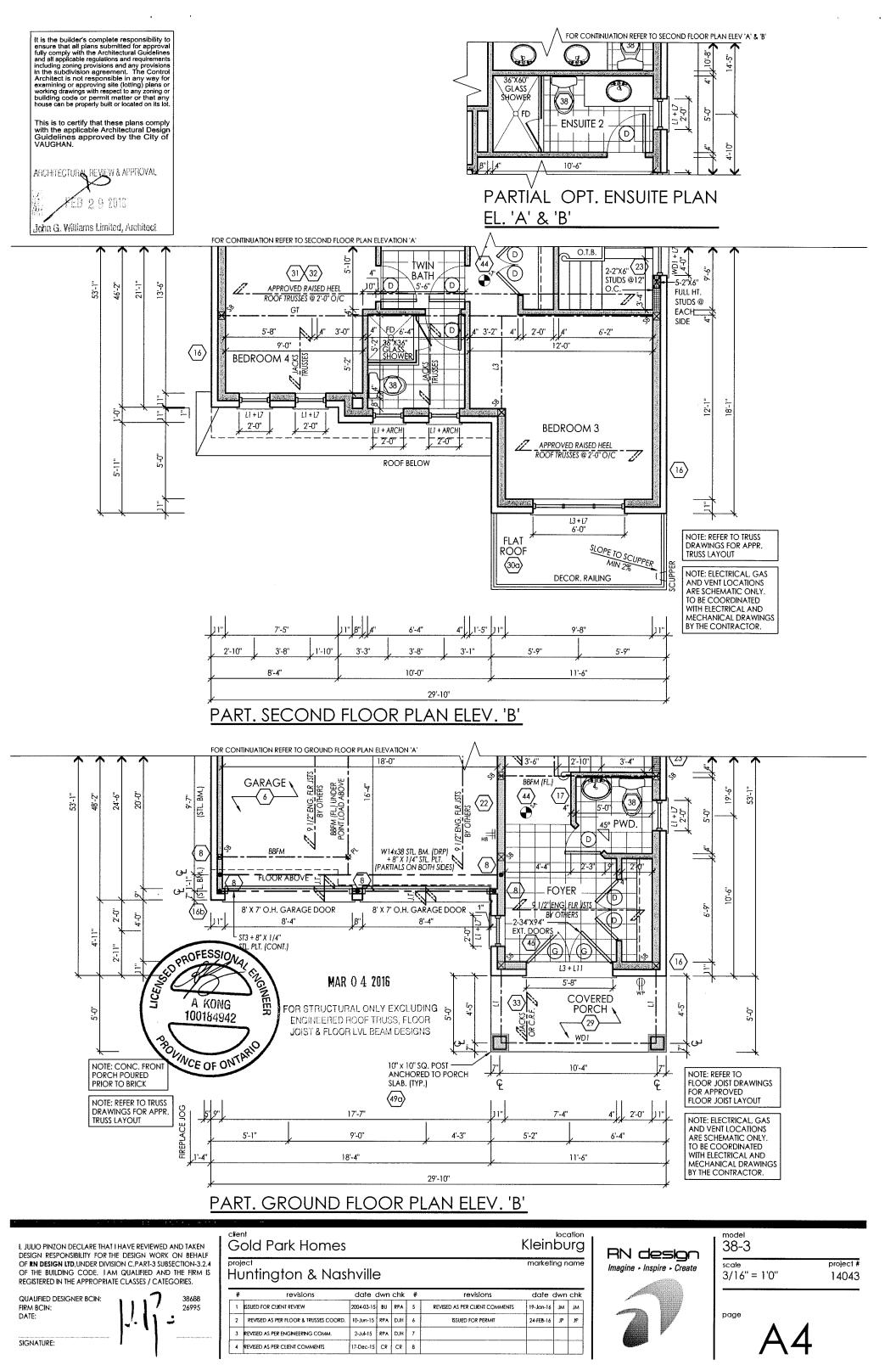
RN design

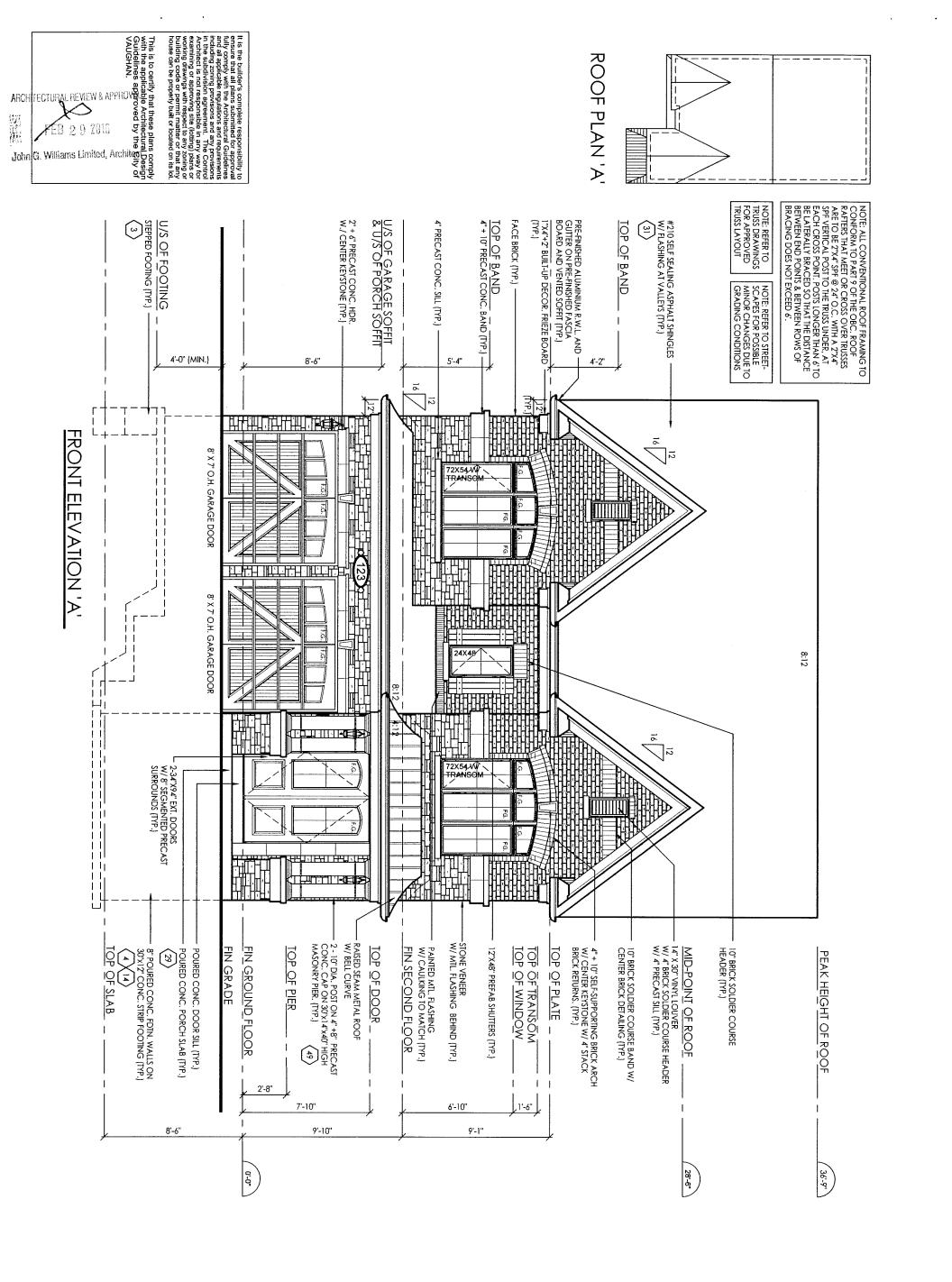
Imagine • Inspire • Create

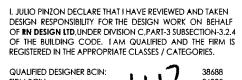


model 38-3	
scale	project #
3/16" = 1'0"	14043









REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN:
BIGNATURE:

38688
26995
26995
38688
38688
38688
38688
38688
38688
38688
38688
38688

Client
Gold Park Homes

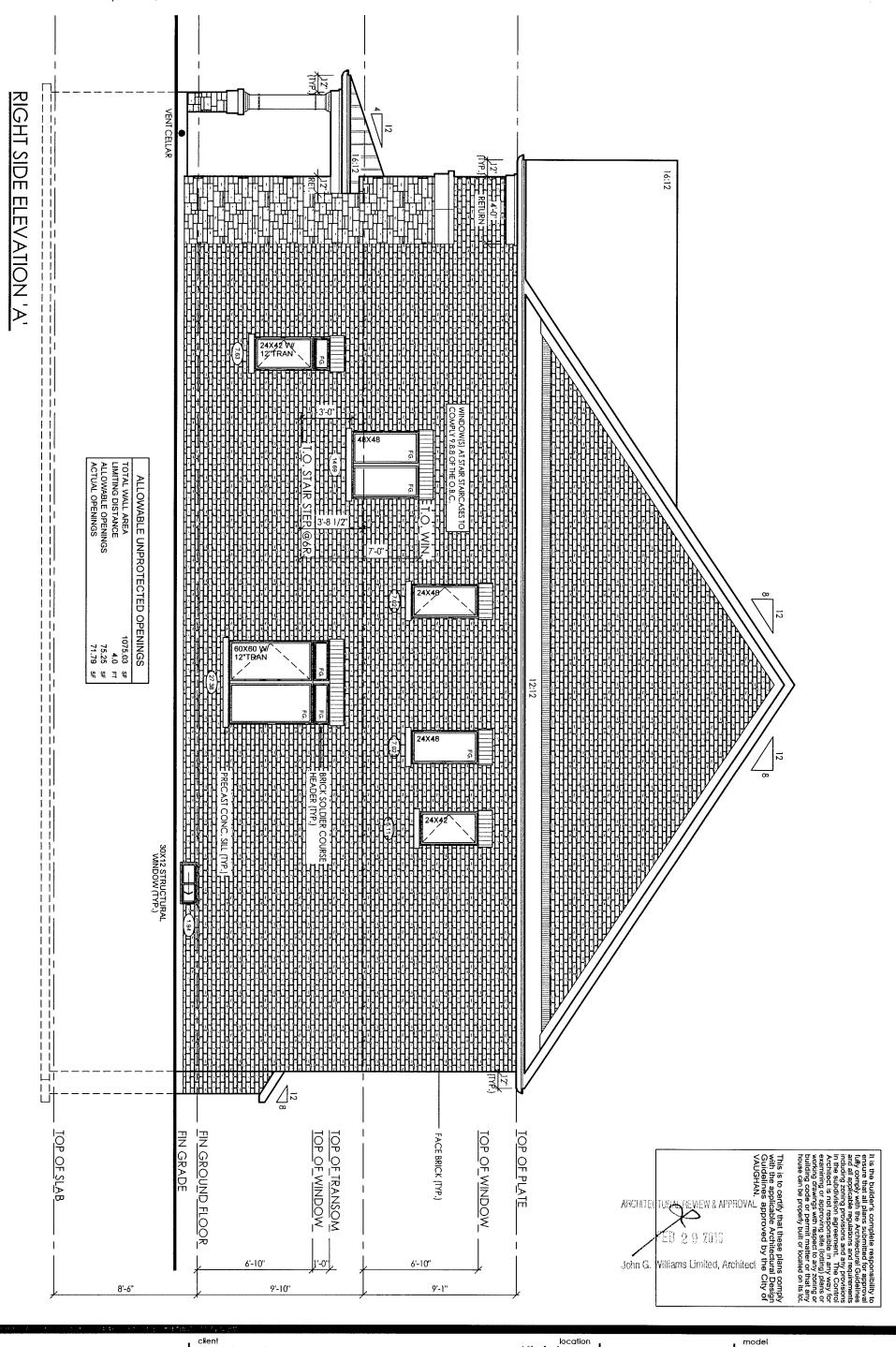
Froject
Huntington & Nashville

revisions date dwn chk # revisions date dwn chk

#	revisions	date d	nwb	chk	#	revisions	date	dwn	chl
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6			Т	
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM	7				
4	ISSUED FOR PERMIT	24-FEB-16	JР	JP	8				



model 38-3		project #
3/16" = 1'0"		14043
oage	5	



I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

Gold Park Homes

Huntington & Nashville

Kleinburg

RN design marketing name

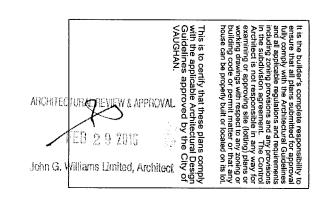


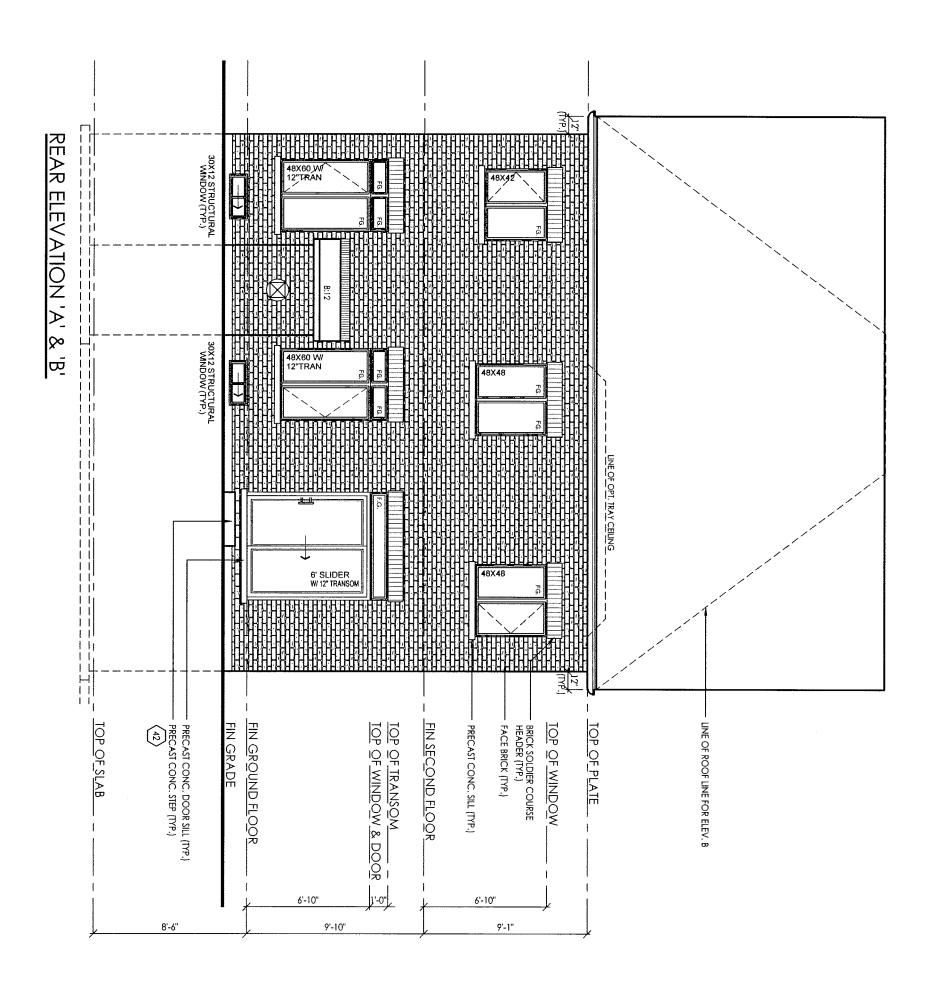
moaei	
20 2	
38-3	

project # scale 3/16" = 1'0" 14043



revisions date dwn chk # revisions date dwn chk ISSUED FOR CLIENT REVIEW 2004-03-15 BU RPA EVISED AS PER CLIENT COMMENTS CR CR 6 REVISED AS PER CLIENT COMMENTS ML JM ISSUED FOR PERMIT 24-FEB-16 JP JР





I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD.UNDER DIVISION C.,PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

38688 26995

Gold Park Homes

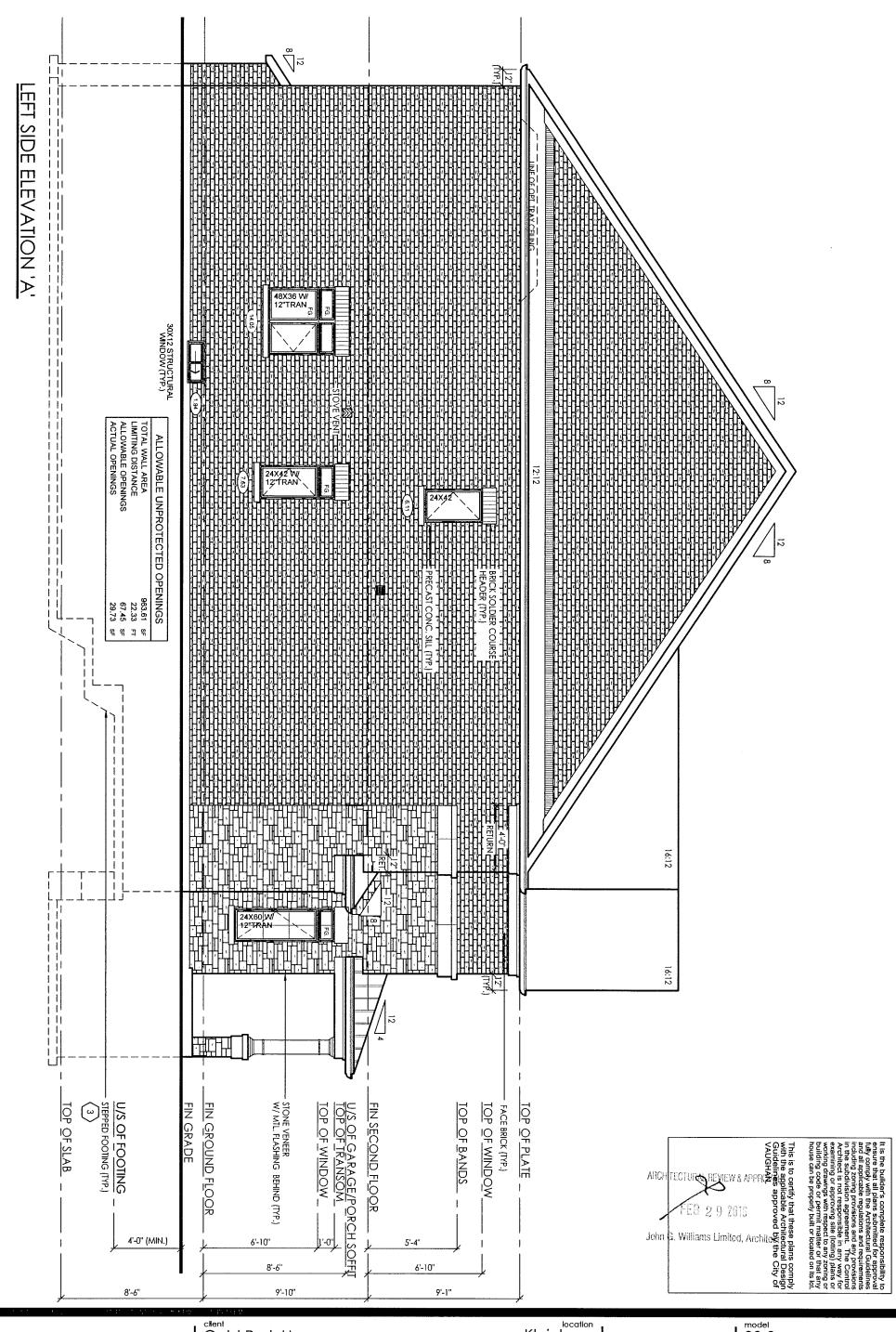
Froject
Huntington & Nashville

#	revisions	date d	dwn	chk	#	revisions	date d	wn chk
1	ISSUED FOR CLIENT REVIEW	2004-03-15	ΒU	RPA	5			
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6			
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM	7			
4	ISSUED FOR PERMIT	24-FEB-16	JР	JP	8			





model 38-3	
scale	project #
3/16" = 1'0"	14043
page A7	



I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD.UNDER DIVISION C.PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

38688 26995

Gold Park Homes

Kleinburg

Project
Huntington & Nashville

#	revisions	date o	dwn	chk	#	revisions	date	dwn c	chk
١	ISSUED FOR CLIENT REVIEW	2004-03-15	ΒU	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6				
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	ML	MŁ	7				
4	ISSUED FOR PERMIT	24-FEB-16	JР	JP	8				,

RN design
Imagine - Inspire - Create



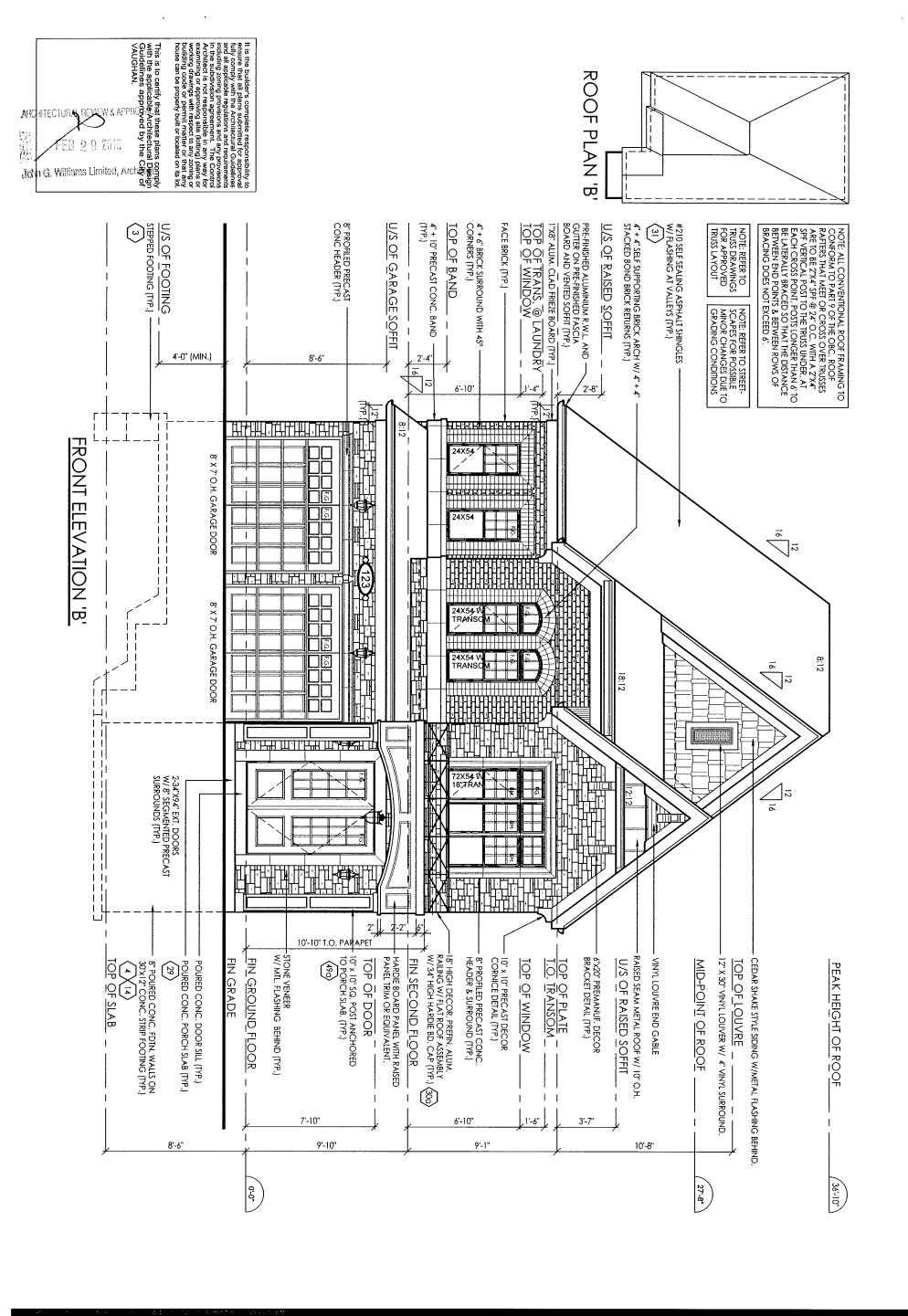
nodel 38-3	
cale 3/16" = 1'0"	

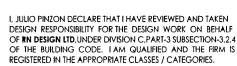
page

A8

project #

14043





QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

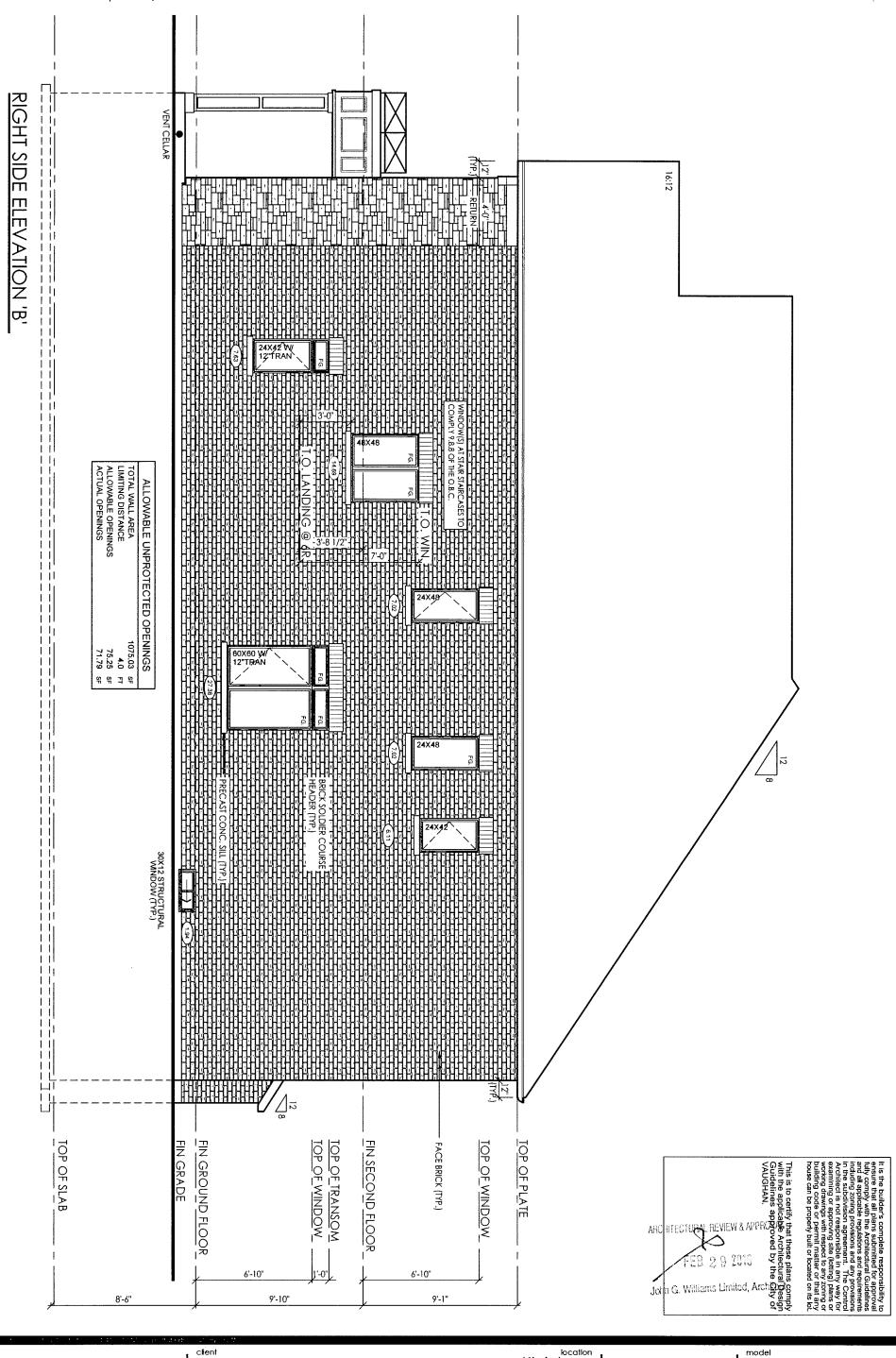
client location Kleinburg Gold Park Homes marketing name Huntington & Nashville

#	revisions	date (dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	2004-03-15	₿U	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6				
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	ML	7				
4	ISSUED FOR PERMIT	24-FEB-16	JР	JP	8				



38-3	
cale 3/16" = 1'0"	project # 14043





I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

38688 26995

Gold Park Homes

Kleinburg

marketing name

Huntington & Nashville

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6				
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM	7				
4	ISSUED FOR PERMIT	24-FEB-16	JР	JP	8				

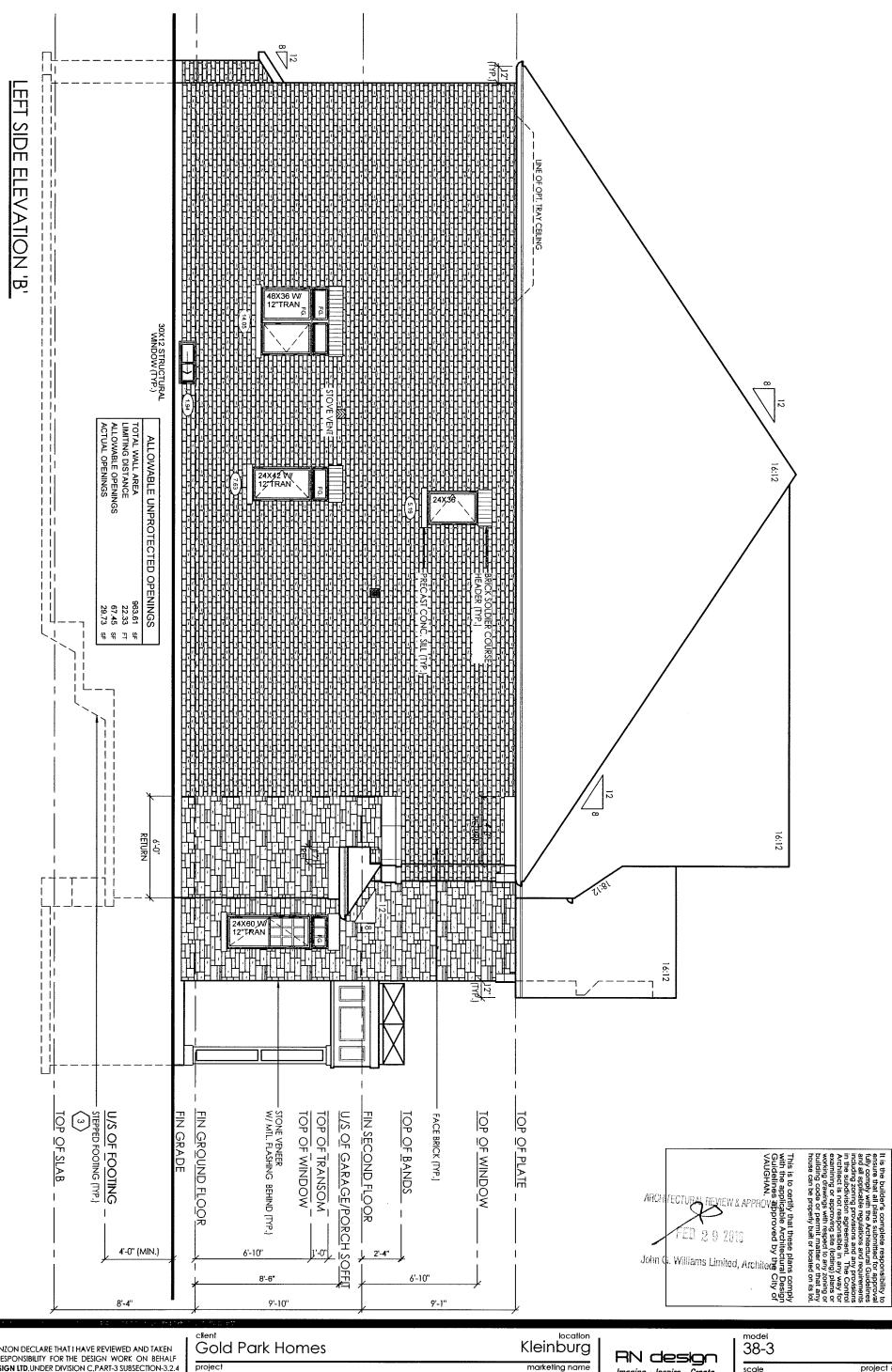
RN design
Imagine - Inspire - Create



model 38-3
scale

scale project # 3/16" = 1'0" 14043





I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

markeling name

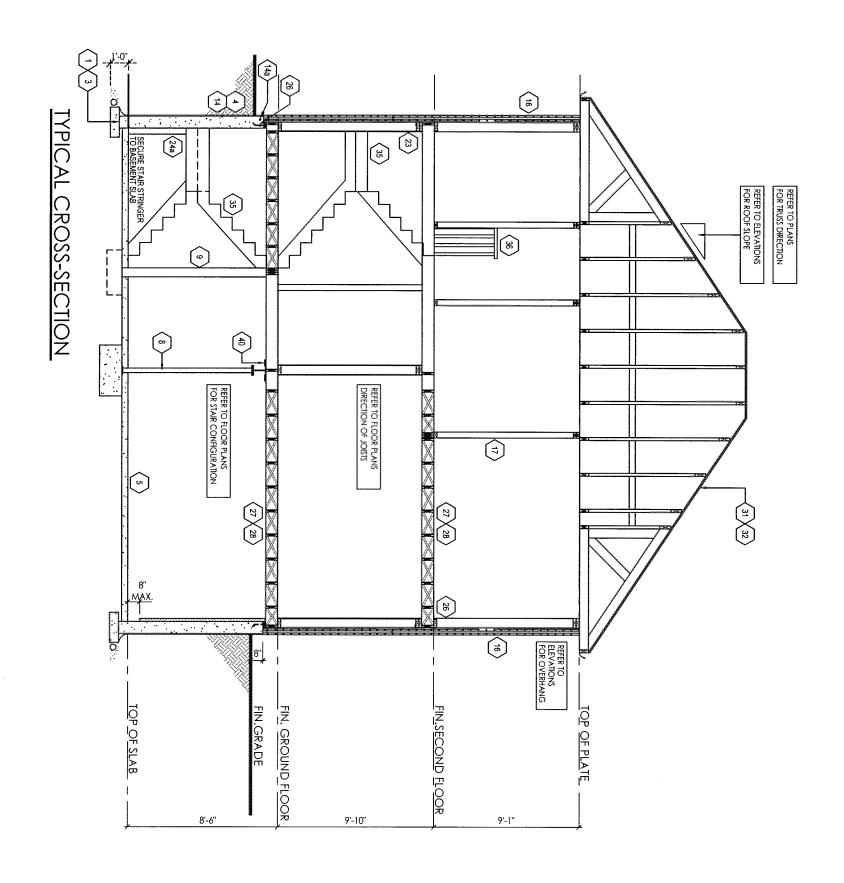
Huntington & Nashville

#	revisions	date (dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	2004-03-15	BU	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6	,	,,		
3	REVISED AS PER CLIENT COMMENTS	19-Jan-16	ML	JM	7				
4	ISSUED FOR PERMIT	24-FEB-16	JP	JP	8				

Imagine + Inspire + Create



model 38-3	
scale 3/16" = 1'0"	project : 14043
page	1



arraure that all plans submitted for approval and all applicable regulations and requirements and all applicable regulations and enquirements 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 on working drawings with respect to a properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guideliness approved by the City of Guideliness approved by the City of

I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:

117 38688 26995 26995 Gold Park Homes Kleinburg

project marketing name

Huntington & Nashville

#	revisions	date d	nwb	chk	#	revisions	date	dwn	chl
1	ISSUED FOR CLIENT REVIEW	2004-03-15	80	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	19-Jan-16	JM	JM	6				
3	ISSUED FOR PERMIT	24-FEB-16	JP	JР	7				
4					8				



model 38-3	
scale	project #
3/16" = 1'0"	14043
page A 1	2

(UNLESS OTHERWISE NOTED)

PALL CONSTRUCTION TO CONFORM TO THE ONTARIO
BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES

HAVING JURISDICTION. -ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC.
-THERMAL RESISTANCE VALUES BASED ON ZONE 1

FOOTINGS / SLABS:

TYPICAL STRIP FOOTING:

O.B.C. 9.15.3.

-BASED ON 16-1"(4.9m) MAX. SUPPORTED JOIST LENGTH

-MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS

-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL

W/ MIN. 10.9psi (75kPa) BEARING CAPACITY

-FTG. TO HAVE CONTINUOUS KEY -FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT)

1 TYPICAL STRIP FOOTING: (EXTERIOR WALLS)
O.B.C., 9.15.3.5.
-FTG, TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE BRICK VENEER

-1 STOREY - 13" X 4" (330mm X 100mm) -2 STOREY - 19" X 6" (485mm X 155mm) -3 STOREY - 26" X 9" (660mm X 230mm)

-1 STOREY - 10" X 4" (255mm X 100mm) -2 STOREY - 14" X 4" (360mm X 100mm) -3 STOREY - 18" X 5" (460mm X 130mm) SIDING-

- 16" X 4"

2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS) O.B.C. 9.15.3.6.

-1 STOREY MASONRY -1 STOREY STUD (410mm X 100mm - 12" X 4" (305mm X 100mm) -2 STOREY MASONRY - 26" X 9" -2 STOREY STUD - 18" X 5" (650mmX 230mm) (450mm X 130mm) - 36" X 14" -3 STOREY MASONRY (900mm X 360mm) -3 STOREY STUD

 $\overline{\left(3\right)}$ STEP FOOTING:

O.B.C. 9.15.3.9. -23 5/8" (600mm) MAX. VERTICAL RISE & 23 5/8" (600mm) MIN. HORIZONTAL

4 DRAINAGE TILE OR PIPE:

O.B.C. 9.14.3. 4" (100mm) MIN. DIA. LAID ON UNDISTURBED OR WELL COMPACTED SOIL W/TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FLR. SLAB.
-COVER TOP & SIDES OF TILE OR PIPE W/ 5 7/8" (150mm) OF CRUSHED
STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL.

-TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL.

5 BASEMENT SLAB:

O.B.C. 9.13. & 9.16. -3" (75mm) CONCRETE SLAB -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.

-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.

DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.

DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS 4" (100mm) OF COURSE GRANULAR MATERIAL -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO D.B.C. 9.13.3

O.B.C. 9.13.3.
-FLOOR DRAIN PER O.B.C.9.31.4.4.
-R10 (RS1 1.76) INSULATION AT PERIMETER OF SLAB WHERE GRADE IS WITHIN 23-1/2" (600mm) OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NOT LESS THAN 23-1/2" (600mm) BELOW EXTERIOR GRADE LEVEL (O.B.C. SB-12 -

- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

$\langle 5a \rangle$ SLAB ON GROUND:

-3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3. -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.

-DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa)

COMPRESSIVE STRENGTH AFTER 28 DAYS
-R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS

WITHIN 23-1/2" (600mm) OF GRADE.
-4" (100mm) OF COURSE GRANULAR MATERIAL
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.

-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3.

-FLOOR DRAIN PER O.B.C.9.31.4.4.

- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

6 GARAGE SLAB / EXTERIOR SLAB:
-4"(100mm) CONCRETE SLAB
-4650psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.3.1.6 -6" X 6" (W2.9 X W 2.9) WIRE MESH LOCATED NEAR MID-DEPTH OF SLAB -4" (100mm) OF COURSE GRANULAR MATERIAL

-ANY FILL PLACED UNDER SLAB , OTHER THAN COURSE CLEAN GRANULAR MATERIAL, SHALL BE COMPACTED.

 $\langle 7 \rangle$ PILASTERS:

O.B.C. 9.15.5.3.

<u>PILASTER</u> -CONCRETE NIB - 4" X 12" (100mm X 300mm)

-BLOCK NIB - 4" X 12" (100mm X 300mm) BONDED & TIED TO WALL AS PER O.B.C. 9.20.11.2. TOP 7 7/8" (200mm) SOLID.

BEAM POCKET 4" (100mm) INTO FDN. WALL W/ WIDTH TO MATCH BEAM SIZE. -1/2" (13mm) SPACE AROUND WOOD BEAMS (O.B.C. 9.23.2.2.) STRUCTURAL COLUMNS

SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM NOT MORE THAN 2 WOOD FRAME FLOORS, WHERE THE LENGTHS OF JOISTS CARRIED BY SUCH BEAMS DO NOT EXCEED 16'-1" (4.9m) AND THE LIVE LOAD ON ANY FLOOR DOES NOT EXCEED 50psf (2.4kPa).

8 STEEL PIPE COLUMN:

O.B.C. 9.15.3.4. & 9.17.3.

-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS -FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mmX 100mmx

6.35mm) STEEL BTM. PLATE -FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP

-ROLL SEAMS, WILL A 44 X1/4 (TOUTHIN TOUTHIN A 6.331111) STE & BTM, PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM -ADJUSTABLE COLUMNS TO CONFORM TO CAN//CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.) FTG SIZE:

COL. SPACING: 2 STOREY -MAX. 9'-10" (2997mm)

- 34" X 34" X 16"

-MAX. 16'-0" (4880mm)

- (860mmX 860mmX 400mm) 44" X 44" X 21" - (1120mmX 1120mmX 530mm)

3 STOREY -MAX. 9'-10" (2997mm)

40" X 40" X 19"

♦ CLIENT SPECIFIC REVISIONS

- (1010mmX 1010mmX 480mm)

-MAX. 16'-0" (4880mm)

51" X 51" X 24"

I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN

DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF

OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4

OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS

REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

1295mmX 1295mmX 610mm) -WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX

16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS

O.B.C. 9.17.4.1. 1/2" X 5 1/2" (140mm X 140mm) SOLID WOOD COLUMN. -METAL SHOE ANCHORED TO FOOTING

-25" X 25" X 12" (640mmX 640mmX 300mm) CONC. PAD (1 FLOOR SUPPORTED W/ 9'-10" COL. SPACING)

-34" X 34" X 14" (860mmX 860mmX 360mm) CONC. PAD (2 FLOORS SUPPORTED W/ 9'-10" COL. SPACING)

10 BLOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES)

-2"X8"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.C. -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE BETWEEN ADJACENT BEAMS

11 BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM)

-12"X11"X 5/8" STL, PLATE ON TOP OF SOLID CONCRETE BLOCK WITH 2- 1/2"Ø x8" ANCHOR BOLTS.

WALL ASSEMBLIES:

14 FOUNDATION WALL:

O.B.C. 9.15.4.2. -FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED

-8" (200mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 3'-11" (1200mm) & MAX. SUPPORTED HEIGHT OF 7"-0" (2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR. -FOR WALLS NOT EXCEEDING 9"-0" (2750mm) IN LATERALLY SUPPORTED

HEIGHT.
-10" (250mm) SOLID 2200psi (15MPa) CONCRETE
-MAX. UNSUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 8'-6" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
-LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOIST.
-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C.- T.9.15.4.1 SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.- PART 4
-WALL SHALL EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE

-INSULATE W/ R12 (RSI 2.11) FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT (ZONE 1. O.B.C. T.2.1.1.2.A.)
-BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL

REDUCTION OF THICKNESS:

O.B.C. 9.15.4.7. -WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO ALLOW MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2" (90mm) THICK.

TIE TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7 7/8" (200mm)

-IIE 10 FACING MAIERIAL WITH METAL ITES SPACED MAX. @ 7 7/8" (200mm VERTICALLY O.C. & 2-11" (900mm) HORIZONTALLY.
-FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR
-WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE MAX. 13-3/4" (350mm) HIGH & MIN. 3-1/2" (90mm) THICK

DAMPPROOFING & WATERPROOFING:

-DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C.

-WHERE INSULATION EXTENDS TO MORE THAN 4'-9" (1450mm) BELOW GRADE, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO

O.B.C. 9.14.2.1.(2) (3) (4)

-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING FROM SLAB TO GRADE LEVEL & SHALL CONFORM TO O.B.C. 9.13.3.3.(3) -WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. 9.13.3. -WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMPPROOFING.

FOUNDATION WALLS & UNSUPPORTED OPENINGS:

-2-20M BARS IN TOP PORTION OF WALL (UP TO 8'-0" OPENING)
-3-20M BARS IN TOP PORTION OF WALL (8'-0" TO 10'-0" OPENING)
-4-20M BARS IN TOP PORTION OF WALL (10'-0" TO 15'-0" OPENING)
-BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL. -BARS TO HAVE MIN. 2" (50mm) CONCRETE COVER -BARS TO EXTEND 2'-0" (600mm) BEYOND BOTH SIDES OF OPENING.

15 FRAME WALL CONSTRUCTION:

O.B.C. 9.23. -SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)

-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.

-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.2.3.2.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.
-2" X 6" (38mm X 140mm) WOOD STUDS ® 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.)
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4..

-1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOWING

-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m. -REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING: -NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).

-VINYL SIDING IS PERMITTED PER O.B.C., 9.10.15.5.(3). OVER $1/2^{\circ}$ (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

150 ALTERNATE FRAME WALL CONSTRUCTION: O.B.C. 9.23.

-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)

-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C.

-BRACE W/ CONT. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C ON BOTTOM FLR. WHEN 3 STOREYS.

-R14 (RSI 2.46) INSULATION (ZONE 1, O.B.C. T.2.1,1,2.A.) -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9,25.3, &

9.25.4

-1/2" (12.7mm) GYPSUM BOARD. NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1, = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C

-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:

-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD. -REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

PROFESSIONAL

FOR STRUCTURAL ONLY

location Kleinburg Gold Park Homes A KONG 1**0**0184942 marketing name Huntington & Nashville AR 0 4 2016 WCE OF ON revisions date dw date dwn chk ISSUED FOR CLIENT REVIEW 2004-03-15 BU REVISED AS PER CLIENT COMMENTS JM 19-Jan-16 JM

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND

ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO

MANUFACTURER'S SPECIFICATIONS).

ON-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING ON EXTERIOR SIDE OF RIGID INSULATION

15b FRAME WALL CONSTRUCTION @ GARAGE:

O.B.C. 9.23.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.

-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C.

1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE

REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:

-ADD ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO

-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

16 BRICK VENEER CONSTRUCTION:

MANUFACTURER'S SPECIFICATIONS).

-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.

-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING

PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS

-BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2)) -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

-1" (25mm) AIR SPACE
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.

-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16 -Z-7.X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. -MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.) -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3.

-1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 3 FLOORS SUPPORTED ABOVE - 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)

FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

(160) ALTERNATE BRICK VENEER CONSTRUCTION:

OPENINGS

O.B.C. 9.23. -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.

-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

-BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE

(O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER
-1" (25mm) AIR SPACE

-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/TAPED JOINTS (O.B.C. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-BRACE W/ CONT. 16 GAUGE STEEL 'T BRACES FROM TOP PLATE TO BTM.

PLATE FOR THE FULL LENGTH OF WALL, OR
-CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY
45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL

-R14 (R31 2.46) INSULATION
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD

THE FOLLOWING MATERIALS:

-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD. -REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

16b BRICK VENEER CONSTRUCTION @ GARAGE:

O.B.C. 9.23. 1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.

MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING

-PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

OPENINGS BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING

MEMBRANE (O.B.C. 9.20.13.6.(2)) -BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2 -1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C.

-1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE

REQUIRED TO BE SPACED @ 12" (300mm) O.C. THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD



38-3 RN design scale

page

project # 3/16" = 1'0" 14043

SIGNATURE:

FIRM BCIN: DATE:

QUALIFIED DESIGNER BCIN:

38688

24-FEB-16 ISSUED FOR PERMIT JP J₽

8

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
THE FOLLOWING MATERIALS:

-ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

17 INTERIOR STUD WALLS:

O.B.C. T.9.23.10.1.
-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR
-2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/
-DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE
-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.

18 BEARING STUD WALL (BASEMENT):

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ - DBL. 2" X 4" OR 2" X 6" TOP PLATE.

- 2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIAL. -1/2" (12.7mm) GYPSUM BOARD BOTH SIDES. -1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C.

FOOTING AS PER GENERAL NOTE #2 W/4" CONC. CURB

19 PARTY WALL - BLOCK:

O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR)

-MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS
TO THE U/S OF ROOF DECK

-SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT

-//2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH

-ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE

CAVIT.
7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-STAGGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER
O.B.C. 9.10.9.9.(1) & TABLE 2.1.1. SB-2
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)

(19g) PARTY WALL - BLOCK (AGAINST GARAGE):

O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR)
-MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS
-1/2" (12.7mm) GYPSUM BOARD
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3.

& 9.25.4.

& 9.25.4.
-2" X 4" (38mmX 89mm) WOOD STRAPPING @ 16" (400mm) O.C.
-R20 (RSI 3.52) RIGID INSULATION
-7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-1/2" (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN

HOUSE AND GARAGE

-TAPE AND SEAL ALL JOINTS GAS TIGHT

REQ. INSULATION VALUES:

INSULATION VALUES PROVIDED BY CAN/CSA-F280-M90 = 20.00

-RIGID INSULATION = 20.00
-LOW DENSITY CONCRETE BLOCK = 1.70
-WOOD FRAME W/ GYPSUM = 2.72

-AIR FILM - MOVING -AIR FILM - STILL TOTAL "R" VALUE = 0.68

19b FIREWALL

O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) - ONE FIREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING

AREA, O.B.C. T.3.2.2.47.
-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS
-2" X2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES

-SOUND ABSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY -SOUND ABSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY
-7 1/2" (190mm) CONC. BLOCK, MIN. 2 HR. FIRE-RESISTANT RATING
EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS
-STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER
O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
-PROTRUDE PAST FASCIA @ EAVES W/ BRICK CORBELLING
EXTEND 5 7/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/
THROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1)
-WHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER
THAN 9"10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER
O.B.C. 3.1.10.4.(2)

O.B.C. 3.1.10.4.(2)

(20) PARTY WALL - FOUNDATION:
O.B.C. 9.15.4.2.
-7 7/8" (200mm) SOLID CONC. FOUNDATION WALL @ 2200psi (15MPa)
COMPRESSIVE STRENGTH AFTER 28 DAYS
-FOUNDATION WALL TO REST ON FOOTING PER GENERAL NOTE #2

(21) PARTY WALL - WOOD STUD:
O.B.C. SB-3 WALL = W13a (STC = 57, FIRE = 1 HR)
-MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF

-MIN. THE FIRE-RESISTANCE RATING CONTINUOUS FROM TOF OF FOOTINGS TO THE U/S OF ROOF DECK

-2 ROWS 2"X4"(38mmX 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE 2" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" (38mmX 89mm) TOP PLATES
-SOUND ABSORTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF

90% OF THE CAVITY.

5/8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED &

-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1) NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

(22) GARAGE WALL & CEILING:

O.B.C. 9.10.9.16.(3)
-1/2" (12.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF CEILING BETWEEN HOUSE AND GARAGE
-TAPE AND SEAL ALL JOINTS GAS TIGHT
-R22 (RSI 3.87) INSULATION IN WALLS,

-R31 (RSI 5.41) INSULATION IN CEILINGS W/ FLOOR ABOVE -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-9.25.3. & 9.25.4. FOR FLOOR ABOVE. -INSULATION AROUND DUCTS AND PIPING NOT TO ENCROACH MIN.

REQUIRED GARAGE AREA (REFER TO MUNICIPAL STANDARDS).
-1/2" (12.7mm) GYPSUM BOARD

ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH

-80TTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR

RIM JOIST WITH 3 1/4" (82mm) NAILS AT 7 7/8" (200mm) O.C.

WALLS ADJACENT TO ATTIC SPACE: -1/2" (12.7mm) GYPSUM BOARD

-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-9.25.3. & 9.25.4.

-2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C.

-1/2" (12.7mm) GYPSUM BOARD OR 1/4" (6mm) PLYWOOD SHEATHING

-ATTIC ACCESS TO BE PROVIDED AS PER O.B.C. 9.19.2.1.

23 DOUBLE VOLUME WALLS:

9.25.3. & 9.25.9.

♦ CLIENT SPECIFIC REVISIONS

O.B.C. 9.23.10.1. -3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING -REFER TO PLAN FOR STUD SPECIFICATION -STUDS FASTENED AT TOP & BOTTOM WITH 3/3-1/4" (82mm) TOE NAILS -DOUBLE TOP PLATES FASTENED TOGETHER WITH 3" (76mm) AT

-SOLID BRIDGING AT 3'-11" (1200mm) O.C. -MIN, R22 (RSI 3.87) INSULATION (ZONE 1, O.B.C. T.2.1.1.2.A.) CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C. $\langle 24 \rangle$ EXPOSED FLOOR:

-FLOOR AS PER NOTE # 28 -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. -R31 (RSI 5.46) INSULATION

-VENTED ALUMINUM SOFFIT

240 SUNKEN FINISHED AREAS: -USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS. - WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS INSTEAD OF USING BEARING POSTS. -FLOOR STRUCTURE AS PER NOTE # 28.

DOUBLE MASONRY WYTHE WALL:
O.B.C. 9.20.8.2.
-3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER -3 1/2 MASONRY VENEER ON 2 MOVINA JOINT ON 3 1/2 MASONRY VENEER -WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER O.B.C. 9,20,9,4.
SILL PLATE REQUIRED FOR ROOF AND CEILING FRAMING MEMBERS
-6" SILL W/ 2" BEARING ON EACH SIDE & ANCHOR BOLTS @ 4-0" O.C.
NOTE: MASONRY TO BE SOLID & MORTAR JOINT FILLED SOLID FOR FLOOR
JOISTS BEARING ON WYTHES, FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY

250 CORBEL MASONRY VENEER:

-MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1)

FLOOR ASSEMBLIES:

(26) SILL PLATE:

O.B.C. 9.23.7.
-2" X 4" (38mm X 89mm) PLATE
-1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FASTENED TO
PLATE W/ NUTS AND WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4"
(100mm) INTO FOUNDATION WALL.

(25mm) THICK BEFORE COMPRESSING, OR FOAM GASKET, OR PLACED ON FULL BED OF MORTAR.

O.B.C. 9.23.9.4.

a) STRAPPING -1" X 3" (19mmX 64mm) NAILED TO U/S OF JOISTS @ MAX. 6'-11" (2100mm) O.C. -FASTENED TO SILL OR HEADER @ ENDS

-FASIENCE TO SILL ON HEADER @ ENDS
b) BRIDGING
-1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS BRIDGING @ MAX.
6'-11" (2100mm) O.C.
c) BRIDGING & STRAPPING
- a) & b) USED TOGETHER OR

-1 1/2" (38mm) SOLID BLOCKING @ MAX. 6'-11" (2100mm) O.C. USED WITH STRAPPING (a)

d) FURRING OR PANEL TYPE CEILING -STRAPPING NOT REQUIRED IF FURRING STRIPS OR PANEL TYPE CEILING FINISH IS ATTACHED DIRECTLY TO JOISTS.

 $\langle 28 \rangle$ FLOOR ASSEMBLY:

O.B.C. 9.23.14.3, 9.23.14.4 -5/8" (15.9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT -FLOOR JOISTS AS PER FLOOR PLANS

 $\overline{\left\langle 29\right\rangle}$ PORCH SLABS ABOVE COLD CELLAR:

O.B.C. 9.39.1.4. -REINFORCED CONCRETE SLABS ABOVE COLD CELLARS THAT ARE SUPPORTED

ON FOUNDATION WALLS NOT TO EXCEED 8"-2"

-4 7/8" (125mm) 4650 psi (32 MPq) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT
-REINFORCE WITH 10M BARS @ 7 7/8" (220mm) EACH WAY
-1 1/4" (30mm) CLEAR COVER FROM THE BOTTOM OF THE SLAB
-3" (75mm) END BEARING ON FOUNDATION WALL

-23 5/8" (600mm) X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C. EXTERIOR BALCONY ASSEMBLY:

-1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING
-2"X4" WOOD PURLINS (CUT DIAGONALLY) @ 12" O.C. LAYING UNFASTENED
ON SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" (15.9mm) EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X4" WOOD PURLINS (CUT DIAGONALLY) @ 12" O.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN) - EXTERIOR GUARD AS PER #36a

SLOPE ASSEMBLY MINIMUM 2% TO ROOF SCUPPER

REQUIRED FOR OVER HEATED SPACES:

-ADD 2"x2" (38mm x 38mm) CROSS PURLINS @ 16" (400mm) O.C. FOR VENTILATION OVER JOISTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF CEILING AREA)
-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS

ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. -ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR -ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C.-T.9.29.5.3.)

EXTERIOR FLAT ROOF ASSEMBLY:

-SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

-1/4" EXTERIOR GRADE WOOD PANEL TYPE UNDERLAY TAPERED PURLINS

SLOPED MIN. 2% TO ROOF SCUPPER.
-3/8" EXTERIOR GRADE PLYWOOD SHEATHING ON
-2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN)

REQUIRED FOR OVER HEATED SPACES:

ADD 2"X2" (38mm x 38mm) CROSS PURLINS ® 16" (400mm) O.C. FOR VENTILATION OVER JOISTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF CEILING AREA)

-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS
-ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3.

-ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR -ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.)

ROOF ASSEMBLIES

TYPICAL ROOF:

O.B.C. 9.26.

O.B.C. (39.26)

-NO. 210 (39.26)

-NO. 210 (39.35)

-NO. 210 (30.5 KG/m2) ASPHALT SHINGLES

-FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL.

-EAVES PROTECTION LAID BENEATH STARTER STRIP.

-STARTER STRIP AS PER O.B.C. 9.26.7.2.

-STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3)
-3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS
-APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S

-EAVESTROUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR -ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT,

CEILING:

-R50 (RSI 8.8) INSULATION

CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. -1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR

-5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.)

(320) VAULTED OR CATHEDRAL CEILING:

O.B.C. 9.26. & TABLE A4 -NO. 210 (30. 5KG/m2) ASPHALT SHINGLES

FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL. -EAVES PROTECTION LAID BENEATH STARTER STRIP.
-EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE

ROOF SLOPES ARE 8:12 OR GREATER PER O.B.C. 9.26.5.1. -STARTER STRIP AS PER O.B.C. 9.26.7.2.

FOR STRUCTURAL ONLY 3/8" (10mm) PLYWOOD SHEAD!" G OR OSG (2 GRADE) WITH "H" CLIPS. ROFESSIONA

> Kleinburg Gold Park Homes marketing name 100184942 Huntington & Nashvi e MOE OF ONTE date dwn chk revisions date lsi**co** 1 ISSUED FOR CLIENT REVIEW REVISED AS PER CLIENT COMMENTS ISSUED FOR PERMIT 24-FEB-16 JP

-2"x8" (38mm x 184mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 13"-3" (4050mm) OR -2"x10" (38mm x 235mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 17"-0" (5180mm) PURLINS @ 24" O.C., MAX, SPAN 17"-0" (\$180mm)
-R31 (RSI 5.46) INSULATION
-MIN. 3" CLEARANCE FROM U/S OF ROOF SHEATHING TO INSULATION
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH
O.B.C. 9.25.3, & 9.25.4, -1/2" (12.7mm) GYPSUM BOARD

$\overline{\left(33\right)}$ CONVENTIONAL FRAMING:

O.B.C. TABLE A6 OR A7 -2006 (*) (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9"

-2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS -CEILING JOISTS TO BE 2" X 6" (38mmX 140mm) @ 16" (400mm) O.C. UNLESS OTHERWISE NOTED.

-HIP & VALLEY RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON RAFTERS & MIN. 1 1/2" (38mm) THICK.

ATTIC ACCESS HATCH:

O.B.C. 9.19.2.1.

-19 3/4" X 27 1/2" (500mm X 700mm) ATTIC HATCH WITH WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION.

GENERAL:

35 PRIVATE STAIRS:

O.B.C. 9.8.4. -MAX. RISE (200mm) -MIN. RUN = 8-1/4" (210mm) -MIN. TREAD -MAX. NOSING = 9-1/4" = 1" (235mm (25mm) = 6'-5" -MIN. HEADROOM (1950mm) -MIN. WIDTH = 2'-10"
(BETWEEN WALL FACES) -MIN. WIDTH (900mm)

(EXIT STAIRS, BETWEEN GUARDS) ANGLED TREADS:

-FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2 -FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

HANDRAILS:

O.B.C. 9.8.7 -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm) -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-7" (1100mm)
-ONE HANDRAIL IS REQUIRED ON CURVED STAIRS OF ANY WIDTH WITHIN **DWELLING UNITS**

-HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION

HEIGHT: O.B.C. 9.8.7.4

- 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX. - 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS -MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

PROJECTIONS:
O.B.C. 9.8.7.6
-HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE STAIR

35a PUBLIC STAIRS: O.B.C. 9.8.4. -MAX, RISE = 7-3/32" (180mm -MIN. RUN = 11" (280mm) = 11" = 1" i280mm) -MIN, TREAD (25mm)

= 6'-9"

-MIN. WIDTH = 2'-11" (900mm) (EXIT STAIRS, BETWEEN GUARDS) -FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS -FOUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2 -FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

(2050mm)

HANDRAILS:

-MIN. HEADROOM

O.B.C. 9.8.7
-ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm)
-TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-7" (1100mm) -TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH -HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT WHERE INTERRUPTED BY DOOR WAYS OR NEWEL POSTS AT CHANGES IN DIRECTION

- 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX. - 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS) - MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

HEIGHT: O.B.C. 9.8.7.4

PROJECTIONS:

O.B.C. 9.8.7.6

- HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR AS

-TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS PER OBC 9.8.9.6.(4)
- STAIRS AND RAMPS SHALL HAVE A COLOUR CONTRAST OR DISTINCTIVE VISUAL PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LANDING AND THE BEGINNING AND END OF A RAMP.

36 INTERIOR GUARDS:

-GUARDS TO BE 3'-6" (1070mm) HIGH -FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH -INCLUDES WINDOWS OVER STAIRS, RAMPS AND LANDINGS
-PICKETS TO HAVE 4" (100mm) MAX. SPACING -GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

(360) EXTERIOR GUARDS:

location

O.B.C. SB-7 & 9.8.8.3.

O.B.C. SB-7 & 9883

-GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN 23 5/8" (600mm). -GUARDS TO BE 3'-6" (1070mm)

-FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH -FOR DWELLING UNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WALKING SURFACE IS MORE THAN 5'-11" (1800mm) ABOVE ADJACENT GRADE. -PICKETS TO HAVE 4" (100mm) MAX. SPACING -PROVIDE MID-SPAN POSTS AS PER SR-7 -GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD

page



38-3 prolect # scale 3/16" = 1'0" 14043

DATE:

REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN

DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4

OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS

SIGNATURE

FIRM BCIN:

QUALIFIED DESIGNER BCIN:

-FOR RAILING SPANNING MAXIMUM OF 6'-0". -PROVIDE PREFIN. METAL RAILING W/76mm VERTICAL OPENING TO CONFORM WITH O.B.C. APPENDIX A-9.8.8.5.

GUARDS TO BE 3'-6" (1070mm) -FOR DWELLING UNITS GUARDS TO BE 2'-11" (900mm) WHERE FLOOR TO GRADE DIFFERENCE IS LESS THAN 5'-11" (1800mm) AS PER O.B.C.

-FOR DWELLING LINITS GHARDS TO BE 3'-4" WHERE FLOOR TO GRADE DIFFERENCE IS 5'-11" (1800mm) OR GREATER AS PER O.B.C. 9.8.8.2.
-VERTICAL END RAILING ANCHORED TO CORNER DOUBLE STUDS USING 3 ROWS OF 3/8"Ø MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3" MIN.

EMBEDMENT TO STUDS. -PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION.

-LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP

-WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE (38) AIR CHANGE PER HOUR, O.B.C.- 9.32.1.3.(3)

 $\langle 39 \rangle$ -CAPPED DRYER VENT

-1"X2" (19mmX38mm) BOTH SIDES OF STEEL.

-WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT WITH GROUND OR FILL SHALL BE PRESSURE TREATED OR SEPARATED FROM CONCRETE W/ 6 mil POLYETHYLENE.

-PRECAST CONC. STEP -2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND

SMOKE ALARM, O.B.C.- 9.10.19.

PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS -PROVIDE 1 IN EACH BEDROOM
-PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS

- INSTALLED AT OR NEAR CEILING -ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A

VISUAL SIGNALLING COMPONENT -ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE THAT CAN POWER ALARM FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM

CARBON MONOXIDE ALARM (CMA), O.B.C.- 9.33.4. -WHERE THERE IS A FUEL BURNING APPLIANCE A CMA SHALL BE PROVIDED ADJACENT TO EACH SLEEPING AREA.
-CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN

-MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY -PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 160 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT. -R4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED

-GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER, WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15.

-TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY

2) WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED OPENING OF NOT LESS THAN 3'-3" (1000mm) IN HEIGHT

AND 21 5/8" (550mm) IN WIDTH; SUCH WINDOW SHALL BE LOCATED SO THAT THE SILL IS NOT MORE THAN 3"-3" (1000mm) ABOVE FLOOR AND 23"-0" (7.0m) ABOVE ADJACENT GROUND LEVEL.

49 EXTERIOR COLUMN W/ MASONRY PIER:

-MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/

TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS

-14" X 14" MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. -REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP -SURROUND TO BE FIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4.
-3/4" AIR SPACE AROUND POST.

MIN. 6'X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND IPFR FLEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE. 14" X 14" MASONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST CONCRETE CAP.

-REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4.

490 EXTERIOR COLUMN:

-MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR, SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO PORCH SLAB W, METAL SADDLE

NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" ABOVE PROVIDED THAT THEY ARE IN ACCORDANCE WITH O.B.C. 9.17.4.

$\overline{\langle 50 \rangle}$ COLD CELLARS:

FOR COLD CELLARS PROVIDE THE FOLLOWING: -VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA. COVER VENT W/ BUG SCREEN

-L1+L7 FOR DOOR OPENING

-2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7) -INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.11)

(51) STUD WALL REINFORCEMENT:
O.B.C. 9.5.2.3.
-WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN BATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(3)(a)&(c) & 3.8.3.13.(2)(f) & -GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

FRAME CONSTRUCTION:

-ALL FRAMING LUMBER TO BE NO.1 AND NO. 2 SPF UNLESS NOTED OTHERWISE.

-ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND RAIN LOADS.

-JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING -BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING

-DOUBLE STUDS @ OPENINGS

-DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm)
-DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7"

(800mm) AND 6-7" (2000mm)
-DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING PARALLEL PARTITIONS

BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE PARALLEL TO FLOOR JOISTS

-BEAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS

-APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm X

184mm) -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER.

WINDOWS:

-WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER
-WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

1.8 W/(m2.K) OR
-AN ENERGY RATING OF NOT LESS THAN 21 FOR OPERABLE WINDOWS & 31 FOR FIXED WINDOWS

-BASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL BE DOUBLE GLAZED WITH LOW-E COATING

-SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

-FOR GROSS GLAZED AREAS LESS THAN 17%

ADDITIONAL COMPLIANCE ALTERNATIVES FOR PACKAGE J.

-THE MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE GRADE WALLS IS PERMITTED TO BE NO LESS THAN R20 (RS) 3.52) PROVIDED; THAT THE WINDOWS AND SLIDING GLASS DOORS HAVE A MAXIMUM U-VALUE OF 1.6, OR THE THERMAL INSULATION VALUE IN BASEMENT WALLS HAS A MINIMUM R20 (RSI 3.52).

-WHERE BLOWN-IN INSULATION OR SPRAY-APPLIED FOAM INSULATION IS USED, THE MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE GRADE WALLS IS PERMITTED TO BE NO LESS THAN R20 (RSI 3.52) PROVIDED

a) THE THERMAL INSULATION VALUE IN A CEILING WITH AN ATTIC SPACE IS NOT LESS THAN R60 (RSI 10.55),

b) THE MINIMUM EFFICIENCY OF THE HRV IS INCREASED BY NOT LESS THAN 8 PERCENTAGE POINTS

C) THE MINIMUM AFUE OF THE SPACE HEATING EQUIPMENT IS INCREASED BY NOT LESS THAN 2 PERCENTAGE POINTS,

d) THE MINIMUM *EF* OF THE DOMESTIC HOT WATER HEATER IS INCREASED BY NOT LESS THAN 4 PERCENTAGE POINTS.

GROSS GLAZING AREA 'A'

TOTAL PERIPHERAL WALL AREA	3176.24 SF	295.07 m²
FRONT GLAZING AREA	83.58 SF	7.76 m²
LEFT SIDE GLAZING AREA	40.14 SF	3.73 m²
RIGHT SIDE GLAZING AREA	71.83 SF	6.67 m²
REAR GLAZING AREA	135.36 SF	12.57 m²
TOTAL GLAZING AREA TOTAL GLAZING PERCENTAGE	330.91 SF 10.41 %	30.74 m²

GROSS GLAZING AREA 'B'

TOTAL PERIPHERAL WALL AREA	3148.65 sf	292.51 m²
FRONT GLAZING AREA	70.46 sF	6.55 m²
LEFT SIDE GLAZING AREA	40.14 sf	3.73 m²
RIGHT SIDE GLAZING AREA	71.83 sf	6.67 m²
REAR GLAZING AREA	135.36 sF	12.57 m²
TOTAL GLAZING AREA	317.79 SF	29.52 m²
TOTAL GLAZING PERCENTAGE	10.09 %	



FOR STRUCTURAL ONLY

PLAN/ELEVATION LEGEND

DOUBLE JOIST

CARBON MONOXIDE

ALARM (CMA) (45)

THESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD

 \boxtimes

▧

◆ CLIENT SPECIFIC REVISIONS

A 865x2030x45 (2'10"x6'8"x1-3/4") B 815x2030x35 (2'8"x6'8"x1-3/8")

C 760x2030x35 (2'6"x6'8"x1-3/8")

D 710x2030x35 (2'4"x6'8"x1-3/8")

E 460x2030x35 (1'6"x6'8"x1-3/8")

F 610x2030x35 (2'0"x6'8"x1-3/8")

G OVER SIZED EXTERIOR DOOR

STEEL BEAMS

ST1 W 6 X 15

ST2 W 6 X 20

ST3 W 8 X 18

ST4 W 8 X 21

ST5 W 8 X 24

DOORS (46)(47)

SCHEDULES WD1 3/2" X 8" SPR WD2 4/2" X 8" SPR

2/ 2" X 8" SPR

2/ 2" X 10" SPR

2/2" X 12" SPR

3-1/2" X 3-1/2" X 1/4" L

4" X 3-1/2" X 1/4" L

WD3 5/2" X 8" SPR

WD4 3/2" X 10" SPR

WD5 4/2" X 10" SPR

WD6 5/2" X 10" SPR

WD7 3/2'X12'SPR

WD8 4/2" X 12" SPR

WOOD BEAMS

LINTELS

L10 4-7/8" X 3-1/2" X 5/16" L

L11 4-7/8" X 3-1/2" X 3/8" L

L12 4-7/8" X 3-1/2" X 1/2" L

L13 5-7/8" X 3-1/2" X 3/8" L

L14 5-7/8" X 3-1/2" X 1/2" L

WD9 5/2" X 12" SPR WD10 2/1 3/4" X7 1/4" (2.0E) LVL WD11 3/13/4" X7 1/4" (2.0E) LVL WD12 2/1 3/4" X9 1/2" (2.0E) LVL

WD13 3/1 3/4" X9 1/2" (2.0E) LVL WD14 2/1 3/4" X11 7/8" (2.0E) LVL WD15 3/1 3/4" X11 7/8" (2.0F) LVI

L15 5-7/8" X 4" X 1/2" L

L16 7-1/8" X 4" X 3/8" L

L17 7-1/8" X 4" X 1/2" L

HOSE BIB (38) EXHAUST FAN

₽,

.

COLD CELLAR VENT (50) STOVE VENT

SMOKE ALARM (44)

VENTS AND INTAKES

WATERPROOF

DUPLEX OUTLET

⊗ ➌ FIRE PLACE VENT DRYER VENT

PRESSURE TREATED P.T. LUMBER GIRDER TRUSS G.T. A.F.F. ABOVE FINISHED FLOOR

D.J.

EXT. LIGHT FIXTURE (WALL MOUNTED) Û

 (\mathbf{H}) HYDRO METER **(G)** GAS METER

2 STORY WALL UNDER SIDE U/S FIXED GLAZING FG GLASS BLOCK BLACK GLASS

FLOOR DRAIN

SOLID BEARING

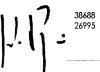
FLAT ARCH

POINT LOAD

JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. LAM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

SIGNATURE:



Ll

L3

L5

Gold Park Homes

location Kleinburg marketing name

Huntington & Nashville

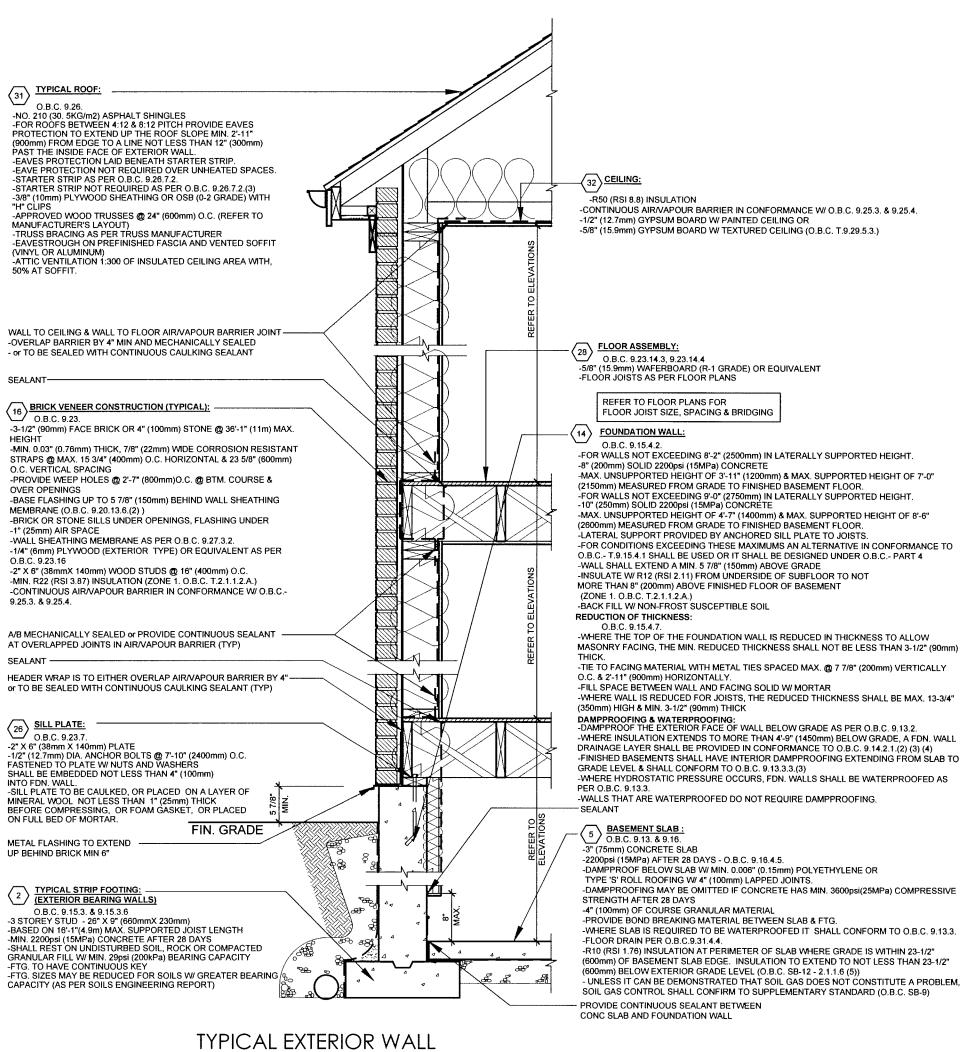
	_								
#	revisions	date dwn chk		#	revisions	date	date dwn chk		
1	ISSUED FOR CLIENT REVIEW	2004-03-15	₿U	RPA	5				
2	REVISED AS PER CLIENT COMMENTS	17-Dec-15	CR	CR	6				
3	REVISED AS PER CLIENT COMMENTS	19-Jon-16	JM	ML	7				
4	ISSUED FOR PERMIT	24-FEB-16	JP	JP	8				





38-3

scale 3/16" = 1'0" 14043



TYPICAL EXTERIOR WALL SECTION- BRICK

SCALE: 3/4"= 1'-0"



FOR STRUCTURAL ONLY

location Kleinburg 38-3 Gold Park Homes I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN RN design DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LTD, UNDER DIVISION C, PART-3 SUBSECTION-3.2.4 marketing name project # scale Imagine - Inspire - Create OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES. **Huntington & Nashville** 3/16" = 1'0" 14043 date dwn chk date dwn chk revisions revisions QUALIFIED DESIGNER BCIN: 1 ISSUED FOR PERMIT 24-FEB-16 JP JP FIRM BCIN: DATE: page SIGNATURE: