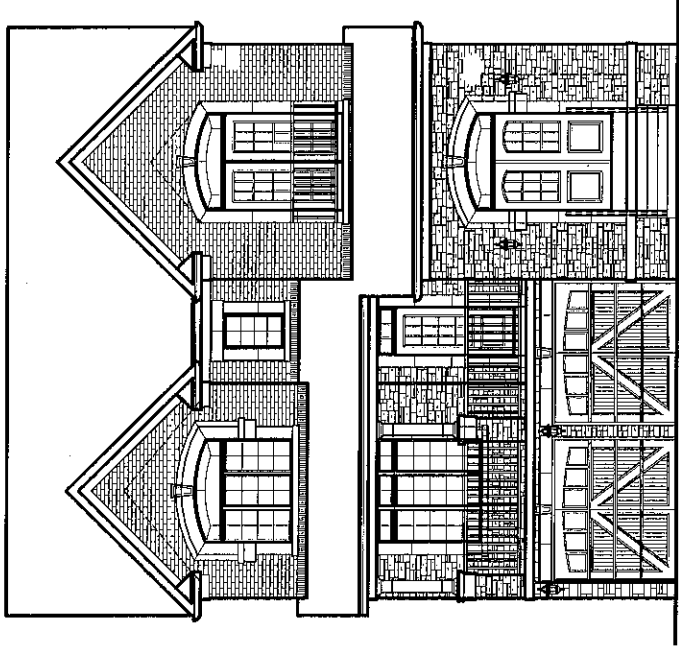
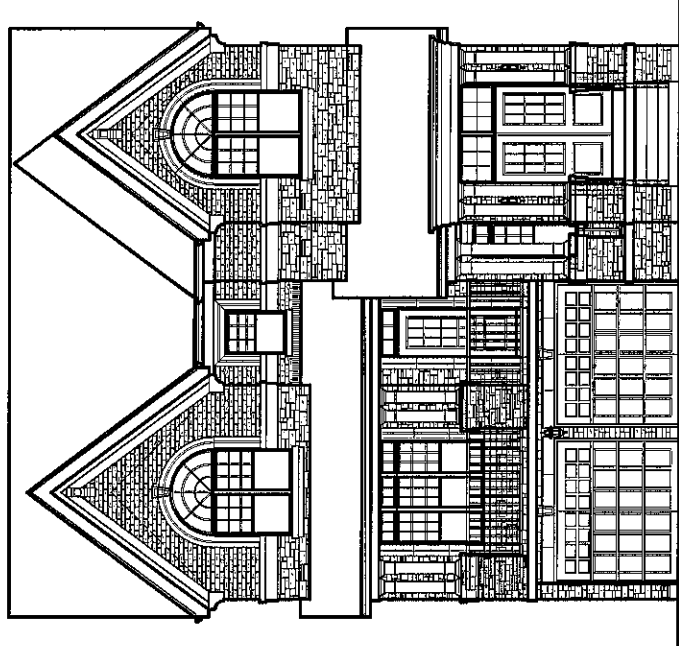




FRONT ELEVATION 'A'



FRONT ELEVATION 'B'

Drawing List:

- A0 TITLE SHEET
- A1 BASEMENT FLOOR ELEV. 'A'
- A2 GROUND FLOOR ELEV. 'A'
- A3 OPT. GROUND FLOOR ELEV. 'A'
- A4 MAIN FLOOR ELEV. 'A'
- A5 SECOND FLOOR ELEV. 'A'
- A6 PART. BASEMENT FLOOR ELEV. 'B'
- A7 PART. GROUND FLOOR ELEV. 'B'
- A8 PART. OPT. GROUND FLOOR ELEV. 'B'
- A9 PART. MAIN FLOOR ELEV. 'B'
- A10 PART. SECOND FLOOR ELEV. 'B'
- A11 FRONT ELEVATION 'A'
- A12 RIGHT SIDE ELEVATION 'A'
- A11 REAR ELEVATION 'A' & 'B'
- A12 LEFT SIDE ELEVATION 'A'
- A13 FRONT ELEVATION 'B'
- A14 RIGHT SIDE ELEVATION 'B'
- A15 LEFT SIDE ELEVATION 'B'
- A16 TYPICAL CROSS-SECTION
- D1 CONSTRUCTION NOTES
- D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES

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 errors or omissions in these drawings or for working drawings with respect to any 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 BRAMPTON.

Areas:

	ELEVATION 'A'		ELEVATION 'B'	
	SF	SM	SF	SM
GROUND FLOOR	(0)	100.3	9.3	100.3
MAIN FLOOR	(0) (1)	1389.9	129.1	1386.5
SECOND FLOOR	(0) (1)	1376.4	127.9	1386.5
TOTAL AREA (0)		2866.6	266.3	2873.3
OPT. GROUND FLOOR	(1)	861.7	80.1	861.7
TOTAL AREA (1)		3628.0	337.0	3634.7
COVERAGE INC PORCH		1554.9	144.5	1551.6
COVERAGE NOT INC PORCH		1390.5	129.2	1386.5

Gold Park Homes McLaughlin and Mayfield

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 26985

FIRM BCIN 26985

DATE 01-27-2015

SIGNATURE

client
Gold Park Homes

project
McLaughlin and Mayfield

location
Brampton

marking name

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	4-JUN-14	JK	CR	5	ISSUED FOR PERMIT	16/06/2015	RPA	DJH
2	REVISED AS PER ARCH. CONTROL COMM.	25-AUG-14	RPA	DJH	6				
3	REVISED AS PER PER. / ROOF COORD.	27-AUG-14	RPA	DJH	7				
4	REVISED AS PER ENGINEERING COMM.	2-JUN-15	RPA	DJH	8				

RN design
Imagine • Inspire • Create



model
38-9

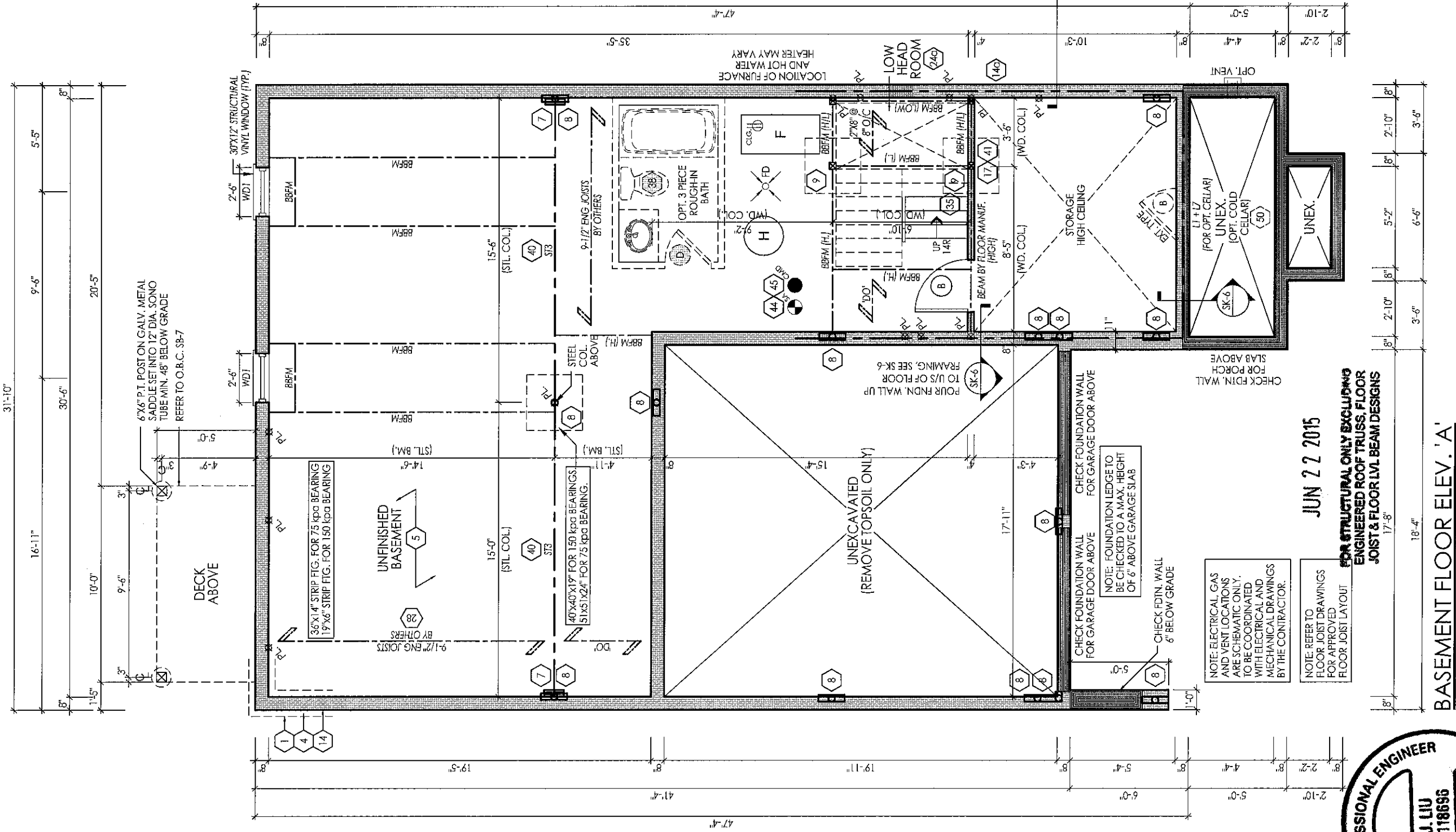
scale
3/16" = 1'0"

project #
13098

page

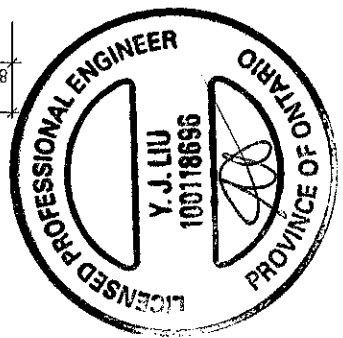
A0

SIGNATURE.



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 provisions and any provisions in the building code. The 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 BRAMPTON.



I, DANIEL HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 20888.

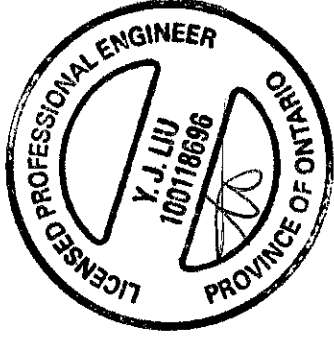
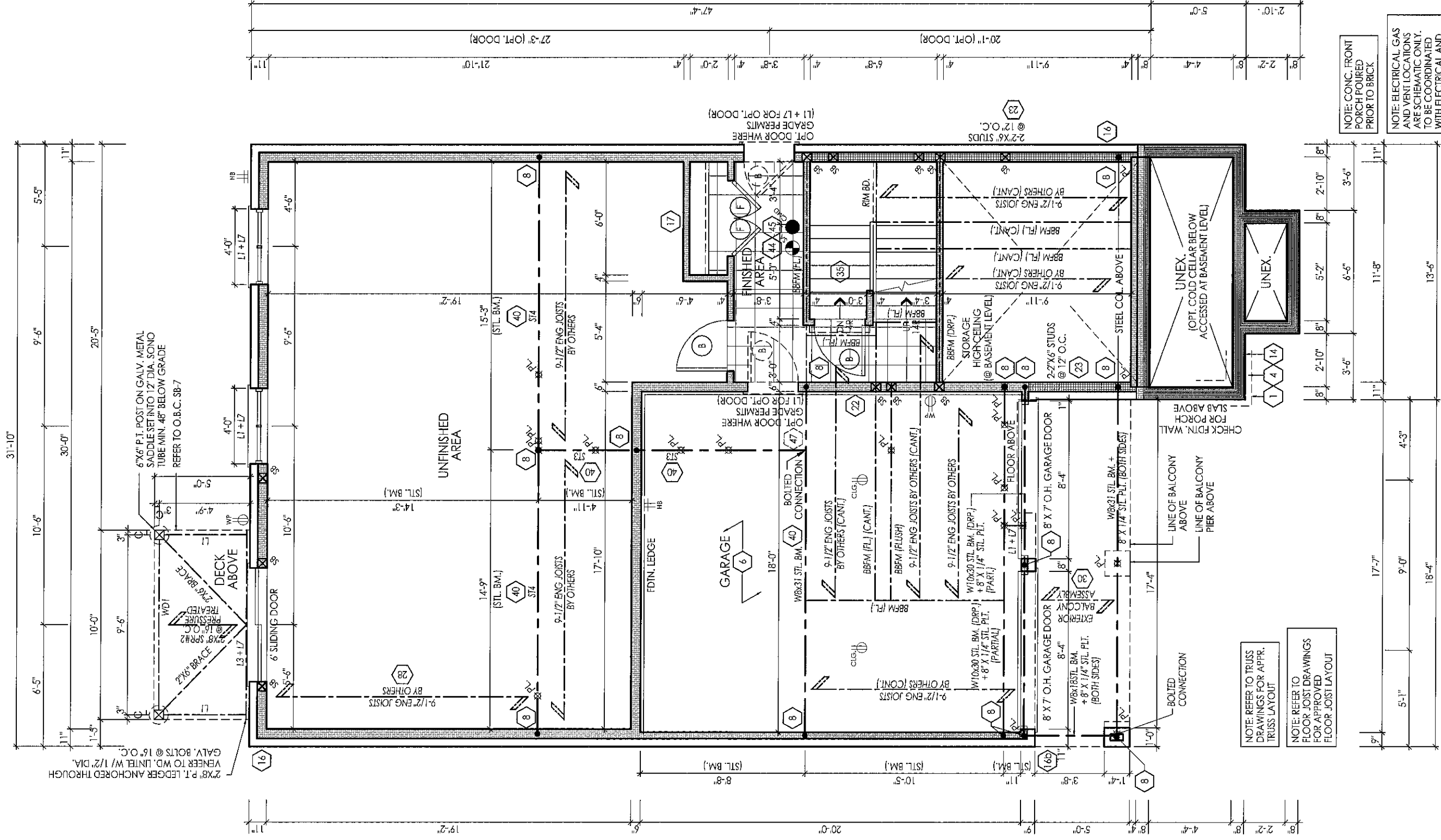
FIRM BCIN 26295

JUL 27 2015

DATE

SIGNATURE

client		location							
Gold Park Homes		Brampton							
project		marking name							
Mclaughlin and Mayfield									
#	revisions	date	down	chk	#	revisions	date	down	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	XK	CR	5				
2	REVISED AS PER FLR / ROOF COORD.	27-Aug-14	RFA	DJH	6				
3	REVISED AS PER ENGINEERING COMM.	2-Jun-15	RFA	DJH	7				
4	ISSUED FOR PERMIT	16/06/2015	RFA	DJH	8				



JUN 22 2015
FOR STRUCTURAL ONLY EXCLUDING
ENGINEERED ROOF TRUSS, FLOOR
JOIST & FLOOR LVL BEAM DESIGNS

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 the design of the building plans or for the building code or permit officer 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 BRAMPTON.

NOTE: CONC. FRONT PORCH POURED PRIOR TO BRICK

NOTE: ELECTRICAL GAS AND VENT LOCATIONS ARE SCHEMATIC ONLY. TO BE COORDINATED WITH ELECTRICAL AND MECHANICAL DRAWINGS BY THE CONTRACTOR.

GROUND FLOOR ELEV. 'A'

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited under Division C, Part 3, Subsection 3.2.4 of the Building Code. I am qualified, and the firm is registered, in the appropriate class/categories.
QUALIFIED DESIGNER BCIN 20085
FIR JUL 27 2015
DATE

SIGNATURE

client		location	
Gold Park Homes		Brampton	
project		marketing name	
Mclaughlin and Mayfield			
#	revisions	date	dwn chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	RK CR 5
2	REVISED AS PER FLR./ ROOF COORD.	27-AUG-14	RPA DJH 6
3	REVISED AS PER ENGINEERING COMM.	2-JUN-15	RPA DJH 7
4	ISSUED FOR PERMIT	16-JUN-15	RPA DJH 8

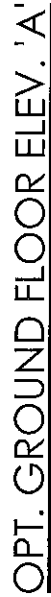
AN design
Imagine • Inspire • Create



model 38-9
scale 3/16" = 1'0"
project # 13098

page

A2



NOTE: CONC. FRONT
PORCH POURED
PRIOR TO BRICK

NOTE: REFER TO
FLOOR JOIST DRAWINGS
FOR APPROVED
FLOOR JOIST LAYOUT

QUALIFIED DESIGNER BCIN 20888-

FIRM BDN 20957
JUL 27 2015

SIGNATURE:

client
Gold Park Homes

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	KK	CR	5				
2	REVISED AS PER F.I.R. / ROOF COORD.	27-AUG-14	RPA	DJH	6				
3	REVISED AS PER ENGINEERING COMM.	2-JUN-15	RPA	DJH	7				
4	ISSUED FOR PERMIT	16-JUN-15	RPA	DJH	8				

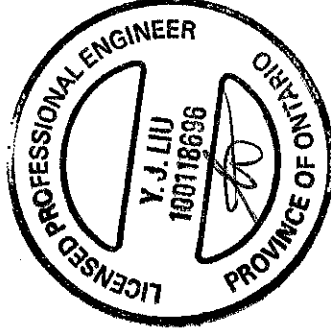
AIN DESIGN



scale
3/16" = 1'0"

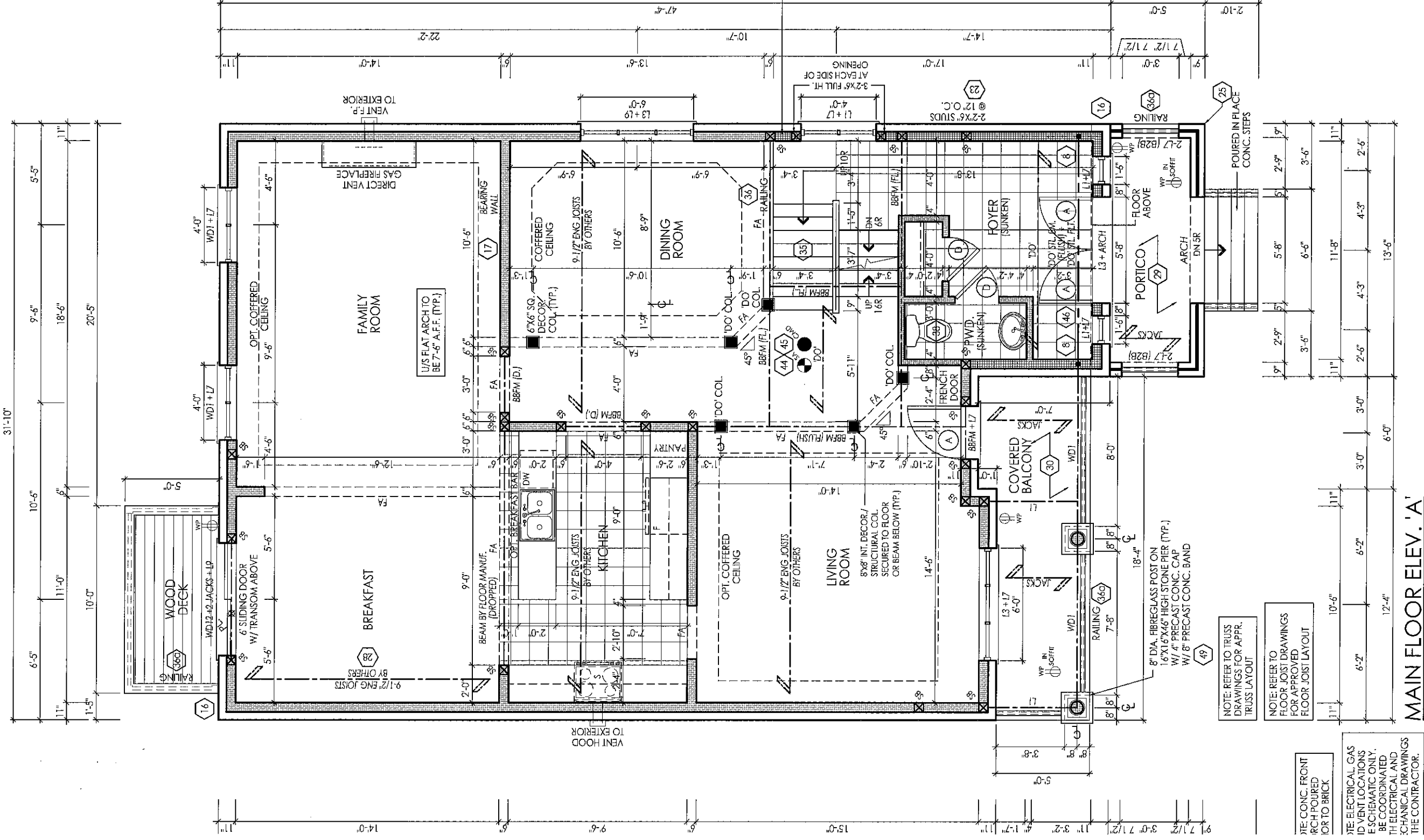
A³

**#ON STRUCTURAL ONLY EXCLUDING
ENGINEERED ROOF TRUSS, FLOOR
JOIST & FLOOR LVL BEAM DESIGNS**



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 BRAMPTON



MAIN FLOOR ELEV. 'A'

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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.

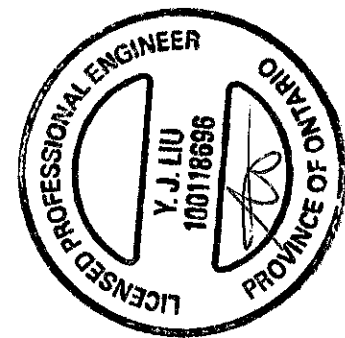
QUALIFIED DESIGNER BCIN 20883
DATE JUL 27 2015
SIGNATURE

client		Gold Park Homes		location		Brampton			
project		Mclaughlin and Mayfield		marketing name					
#	revisions	date	dwg	chk	#	revisions	date	dwg	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	KK	CR	5				
2	REVISED AS PER R/R / ROOF COORD.	27-Aug-14	RPA	DJH	6				
3	REVISED AS PER ENGINEERING COMM.	2-Jun-15	RPA	DJH	7				
4	ISSUED FOR PERMIT	16-Jun-15	RPA	DJH	8				



model 38-9
scale 3/16" = 1'0"
project # 13098

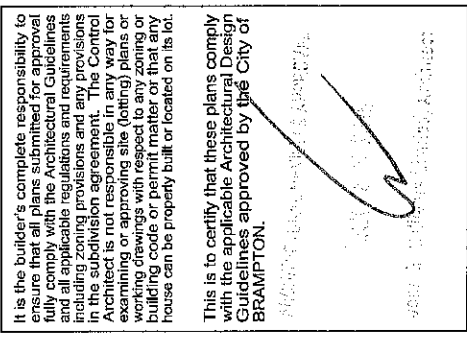
page A4



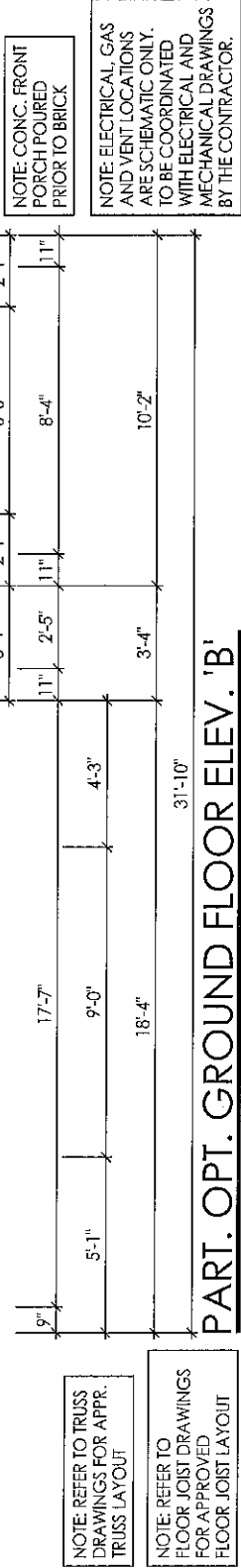
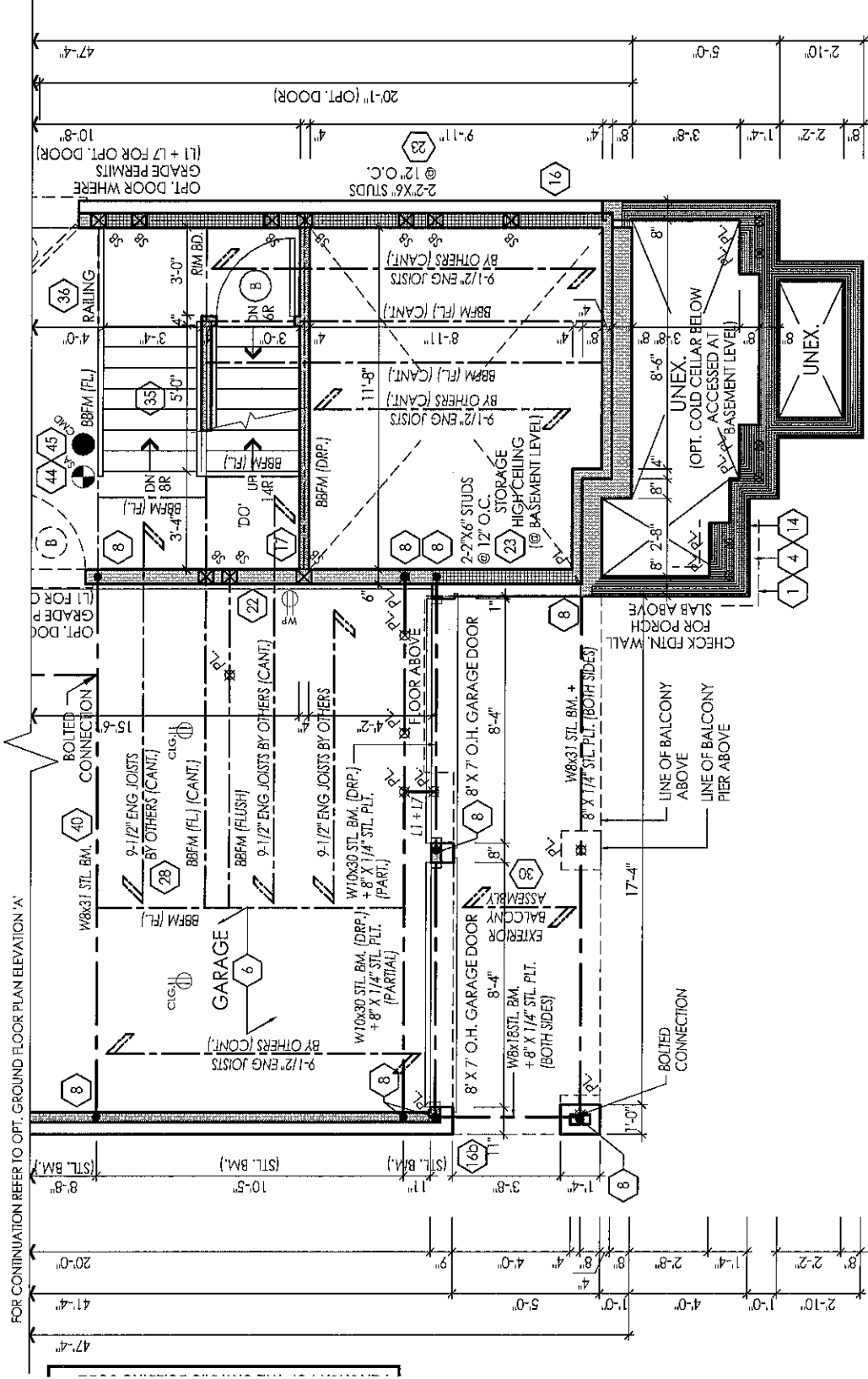
JUN 22 2015
FOR STRUCTURAL ONLY EXCLUDING
ENGINEERED ROOF TRUSS, FLOOR
JOIST & FLOOR LVL BEAM DESIGNS

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 applicable Building Code. The 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.

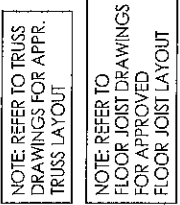
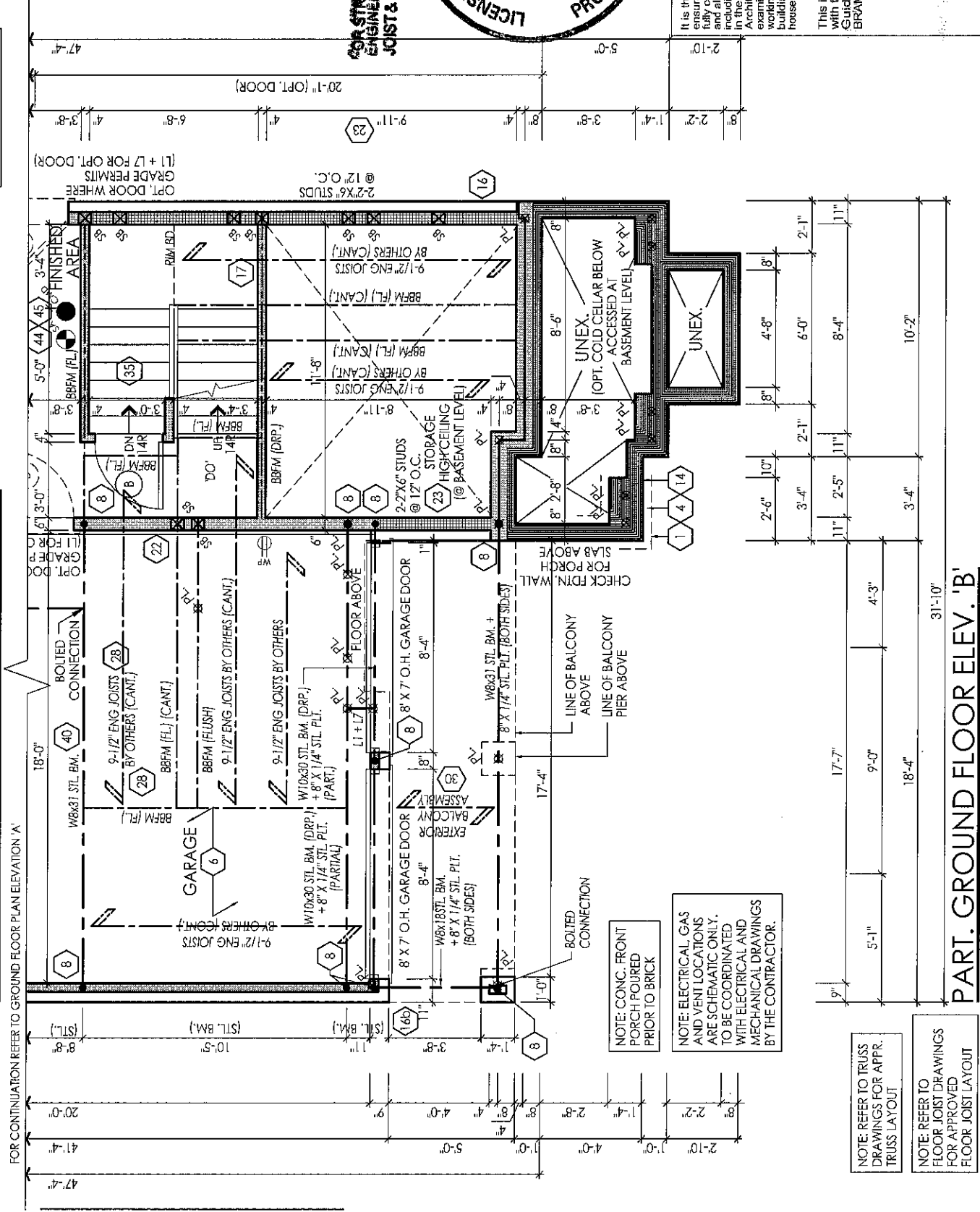
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.



NOTE: ELECTRICAL, GAS AND VENT LOCATIONS ARE SCHEMATIC ONLY. TO BE COORDINATED WITH ELECTRICAL AND MECHANICAL DRAWINGS BY THE CONTRACTOR.



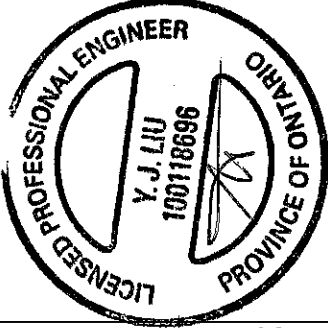
PART. OPT. GROUND FLOOR ELEV. 'B'



PART. GROUND FLOOR ELEV. 'B'

JUN 2 2 2015

FOR STRUCTURAL ONLY EXCLUSIVELY
ENGINEERED FOR TRUSSES
JOIST & FLOOR LVL BEAM DESIGNS



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 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 BRAMPTON.

client

Gold Park Homes

project

Mclaughlin and Mayfield

location

Brampton

marking name

revisions

date

down

chk

#

1

ISSUED FOR CLIENT REVIEW

04-JUL-14

KK

CR

5

2

REVISED AS PER RFA / ROOF COORD.

27-AUG-14

RFA

DJH

6

3

REVISED AS PER ENGINEERING COMM.

2-JUN-15

RFA

DJH

7

4

ISSUED FOR PERMIT

16-JUN-15

RFA

DJH

8

revisions

date

down

chk

#

1

ISSUED FOR CLIENT REVIEW

04-JUL-14

KK

CR

5

2

REVISED AS PER RFA / ROOF COORD.

27-AUG-14

RFA

DJH

6

3

REVISED AS PER ENGINEERING COMM.

2-JUN-15

RFA

DJH

7

4

ISSUED FOR PERMIT

16-JUN-15

RFA

DJH

8

model

38-9

scale

3/16" = 1'0"

project #

13098

page

A7

PN design

Imagine - Inspire - Create

L. DANIEL L. HANNINEN, declares that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited under Division C, Part 3, Subsection 22.4 of the Building Code. I am qualified, and the firm is registered, in the appropriate class/categories.

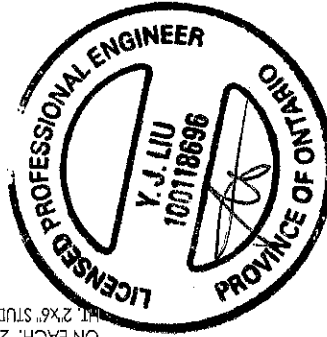
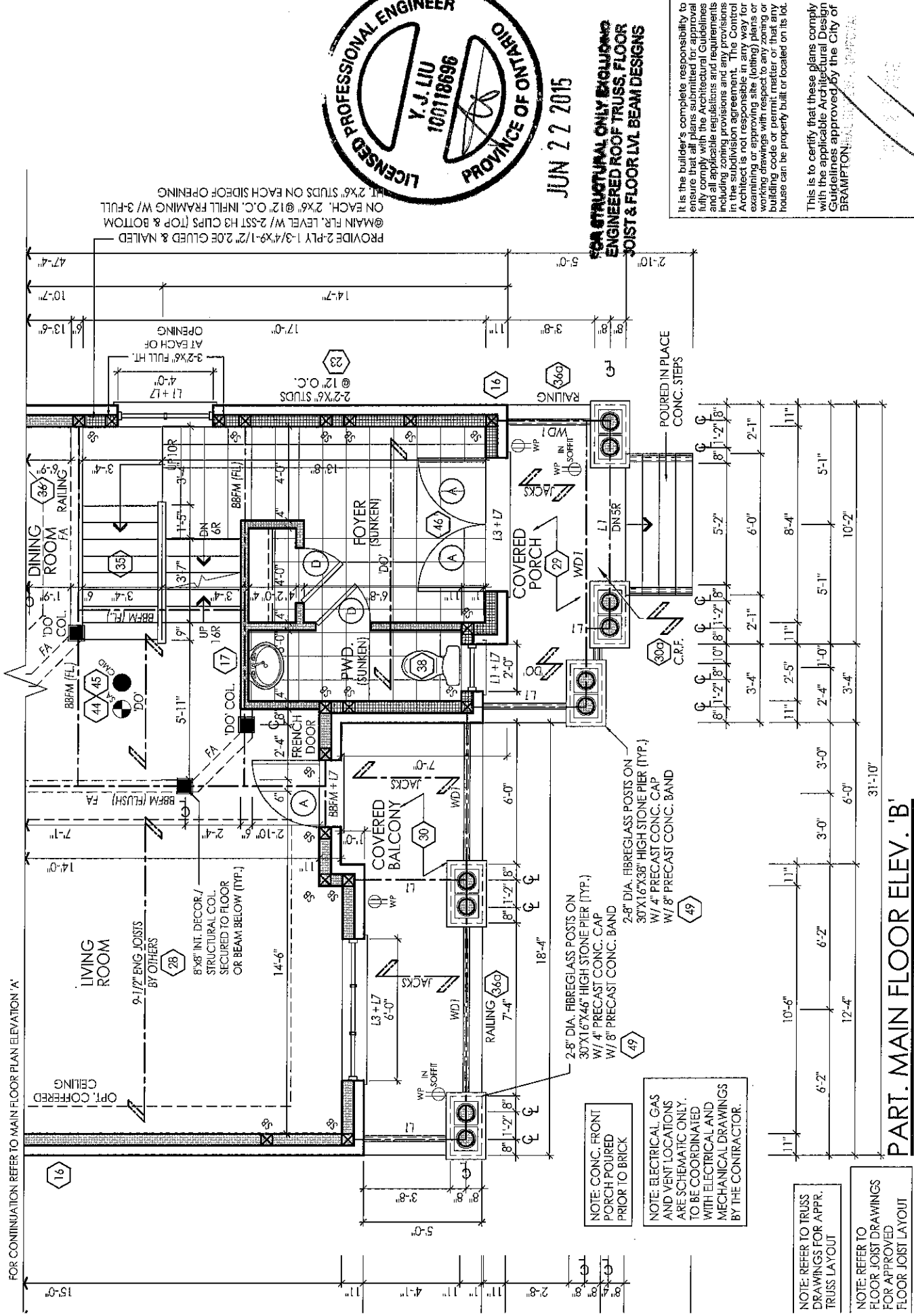
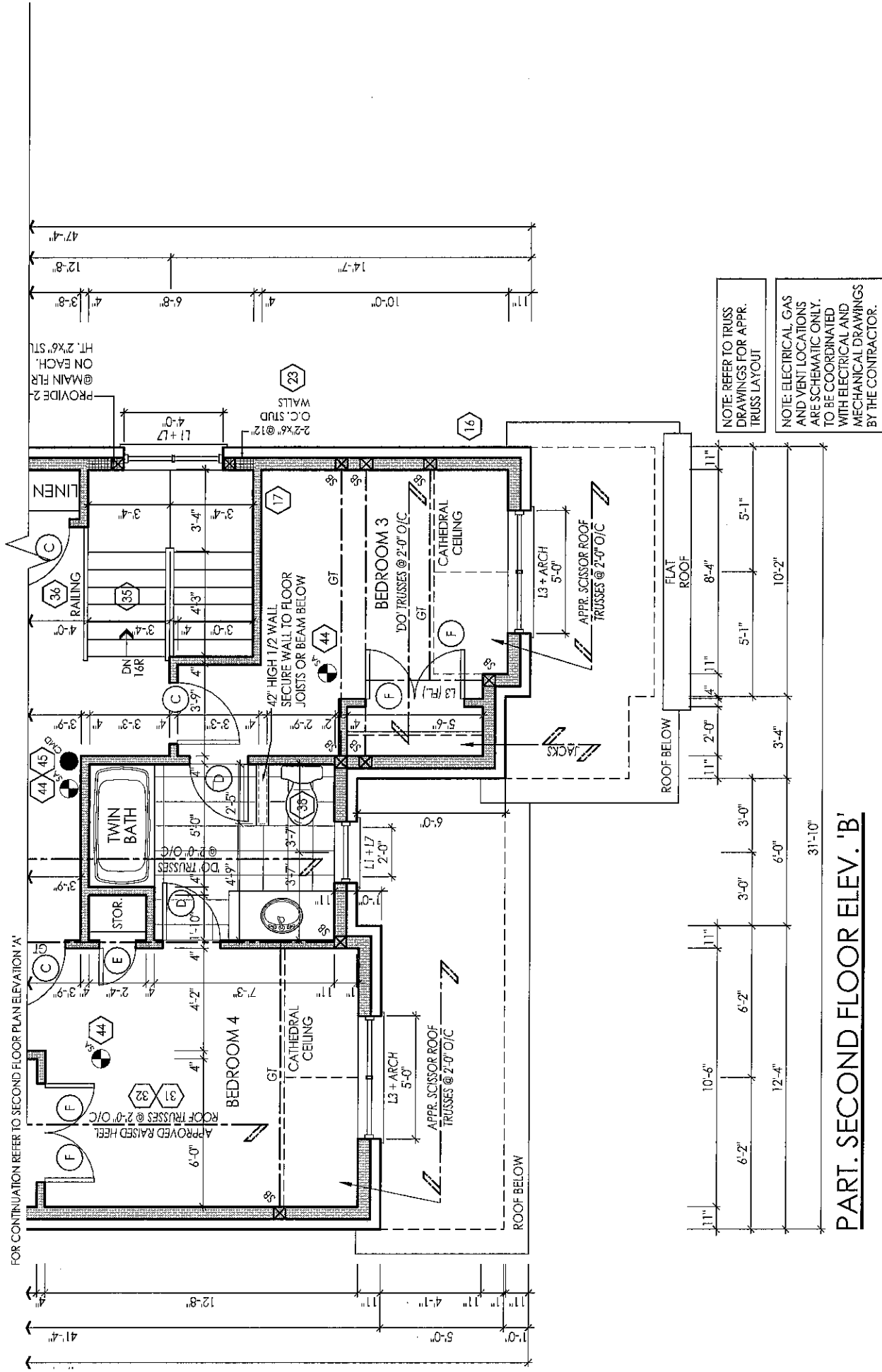
QUALIFIED DESIGNER BCIN 20083.

FTR 3609N 3609S.

DATE

Jul 27 2015

SIGNATURE



JUN 27 2015

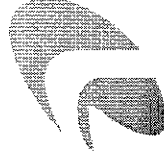
FOR STRUCTURAL ONLY EXCLUDING
ENGINEERED ROOF TRUSS, FLOOR
JOIST & FLOOR LVL BEAM DESIGNS

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 for ensuring that the proposed development complies with building codes 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 BRAMPTON.

model 38-9
scale 3/16" = 1'0"

RN design
Imagine • Inspire • Create



page

A8

client Gold Park Homes
project Mclaughlin and Mayfield
location Brampton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	RS	CR	5				
2	REVISED AS PER FLR. / ROOF COORD.	27-AUG-14	RPA	DJH	6				
3	ISSUED FOR PERMIT	16-JUN-15	RPA	DJH	7				
4					8				

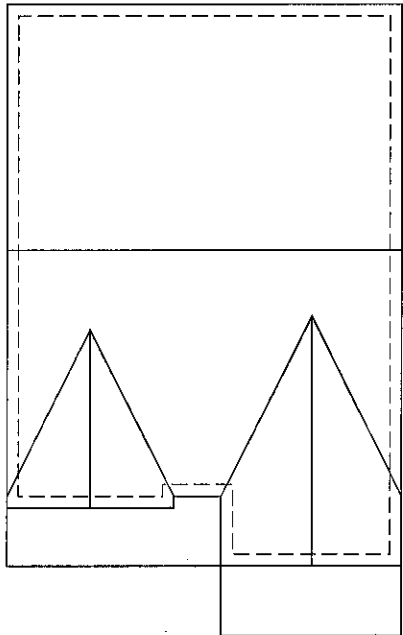
I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited under Division C, Part 3, Subsection 3.2.4 of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories.

QUALIFIED DESIGNER BCIN 20888.

JUL 27 2015

SIGNATURE

DATE



ROOF PLAN 'B'

NOTE: ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"x4" SPF @ 24" O.C. WITH A 2"x4" SPF VERTICAL POST TO THE TRUSS UNDER, AT EACH CROSS POINT. POSTS LONGER THAN 6' TO BE Laterally Braced so that the distance between end points & between rows of bracing does not exceed 6'.

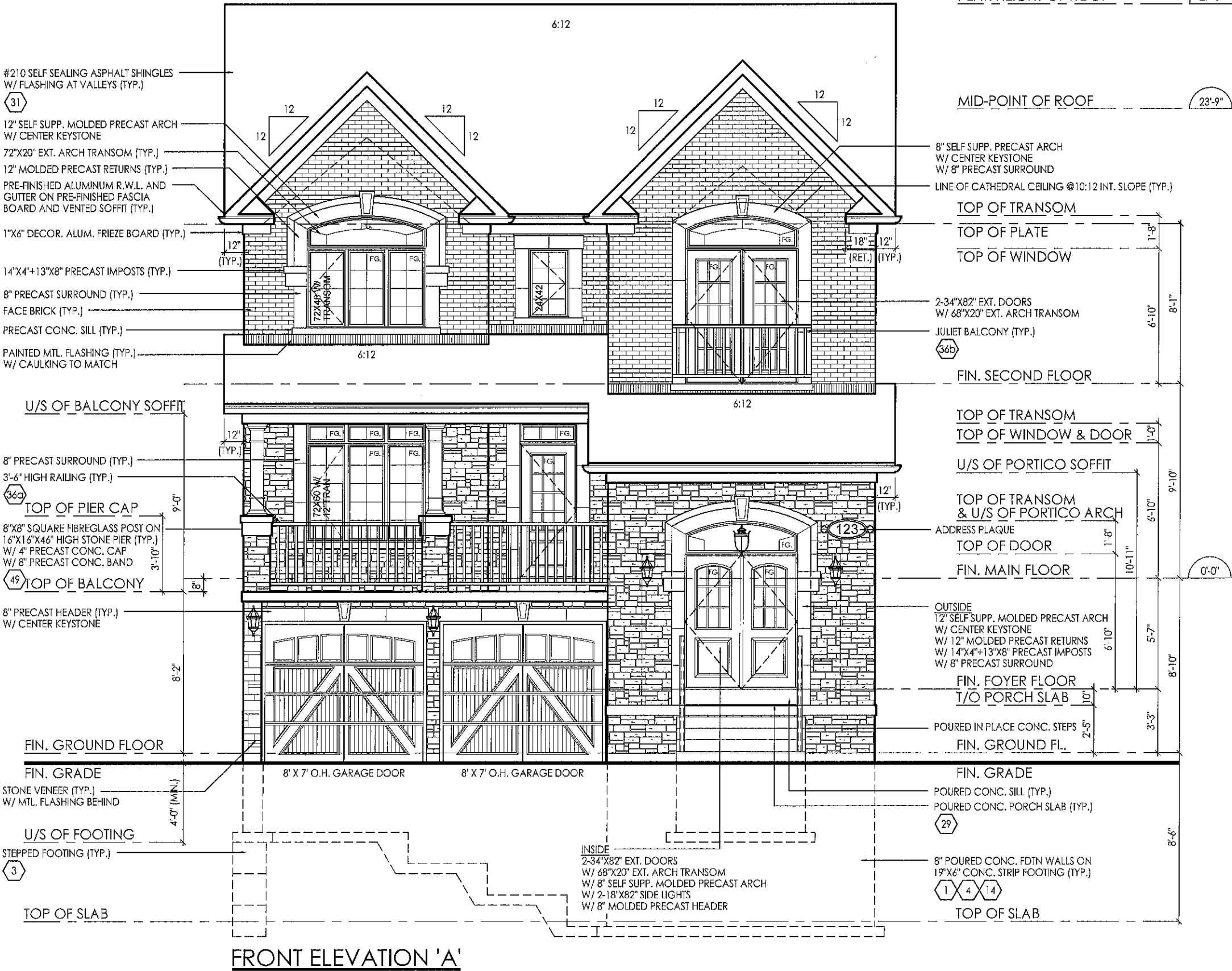
NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

NOTE: REFER TO STREET-SCAPES FOR POSSIBLE MINOR CHANGES DUE TO GRADING CONDITIONS

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 BRAMPTON.

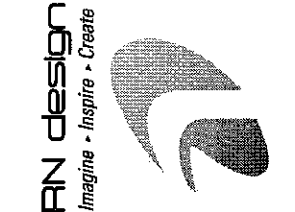
BRAMPTON CITY ENGINEER APPROVED
JUL 27 2015
Mclaughlin and Mayfield Architects



PEAK HEIGHT OF ROOF 29'-0"

MID-POINT OF ROOF 23'-9"

FRONT ELEVATION 'A'



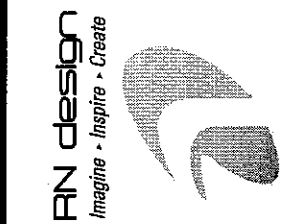
location		Brampton		marketing name	
client		Gold Park Homes		Mclaughlin and Mayfield	
#	revisions	date	dwg	chk	#
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	kk	cr	5
2	ISSUED FOR PERMIT	15-JUN-15	RFA	DJH	6
3					7
4					8

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 20865
FIRM IN 09957 2015
DATE JUL 27 2015
SIGNATURE: [Signature]



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 of the subdivision agreement, any provisions or conditions of the subdivision agreement, or any other applicable regulations and requirements, shall be the responsibility of the builder. The builder shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The builder shall be responsible for ensuring that the building is constructed in accordance with the approved plans and specifications. The builder shall be responsible for ensuring that the building is properly built or located on its lot.

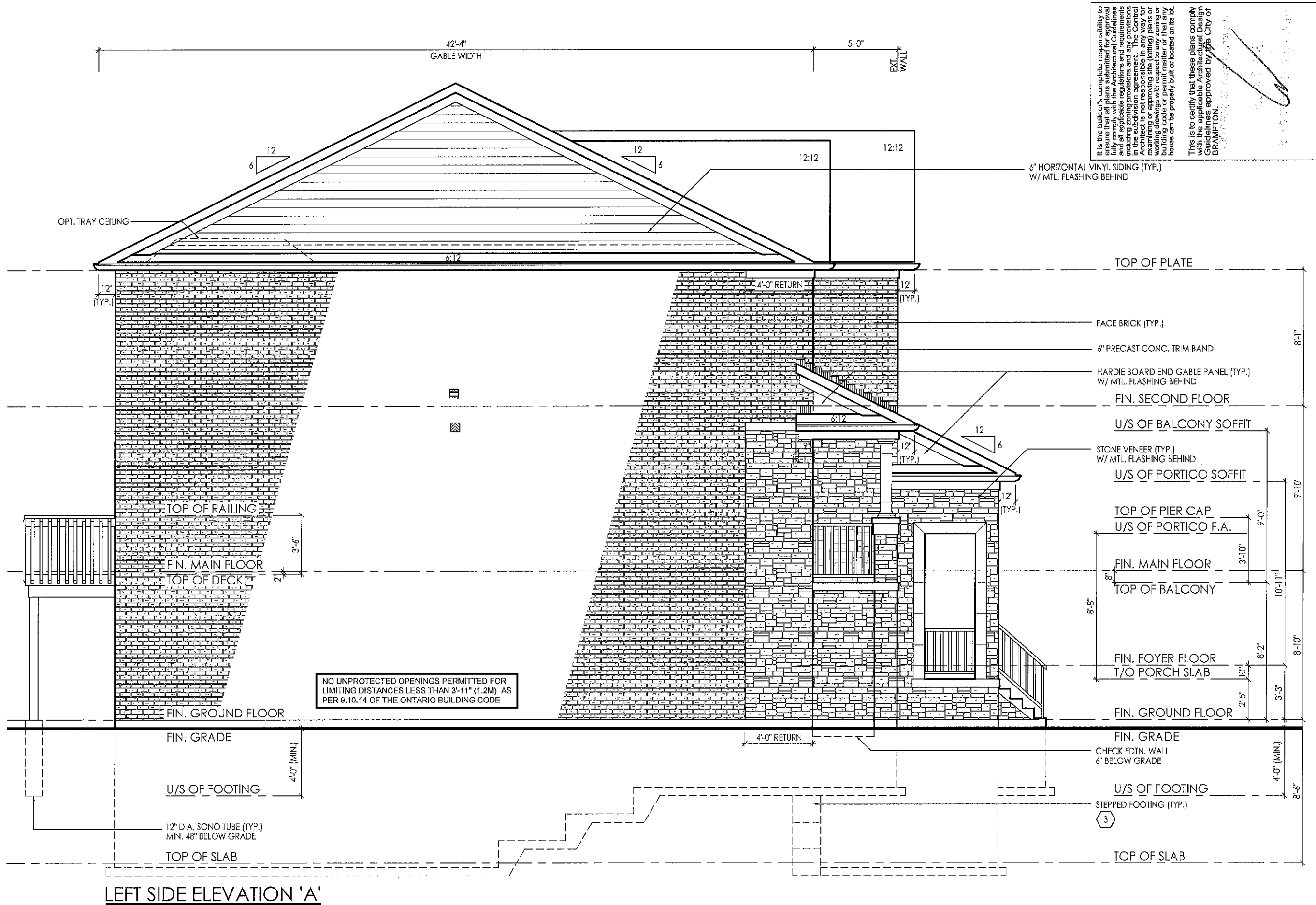
This is to certify that these plans comply with the applicable Architectural Guidelines and all applicable regulations and requirements approved by the City of BRAMPTON.



client		location	
Gold Park Homes		Brampton	
project		marking name	
McLaughlin and Mayfield			
#	revisions	date	chk #
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	kk 5
2	ISSUED FOR PERMIT	15-JUN-15	RPA DJH 6
3			
4			

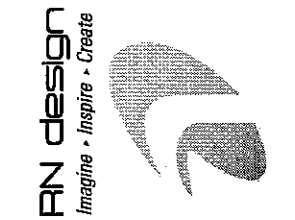
I, DANIEL J. MANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited under Division C, Part 3, Subsection 3.2.4 of the Building Code, I am qualified, and the firm is registered, in the appropriate class/categories.

QUALIFIED DESIGNER BCIN 20383
FIRM BCIN 36955
JUL 27 2015
DATE
SIGNATURE:



It is the builder's complete responsibility to ensure that all construction complies with the 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 subdivision provisions. The house can be properly built or located on its lot.

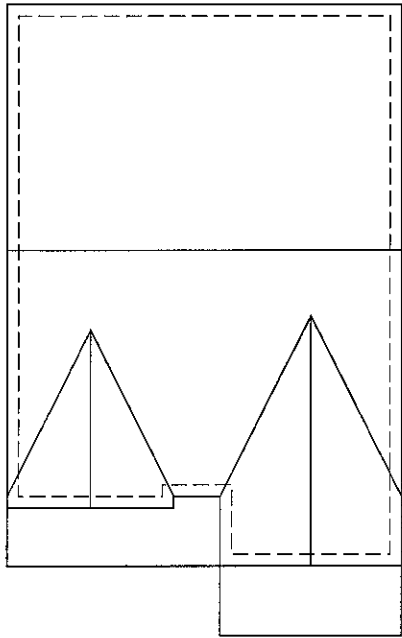
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.



client		location		project		marketing name	
Gold Park Homes		Brampton		McLaughlin and Mayfield			
#	revisions	date	own	chk	#	revisions	date
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	lk	cr	5		
2	ISSUED FOR PERMIT	15-JUN-15	RPA	DJH	6		
3					7		
4					8		

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 26995
DATE JUL 27 2015
SIGNATURE



ROOF PLAN 'B'

NOTE: ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"x4" SPF @ 24" O.C. WITH A 2"x4" SPF VERTICAL POST TO THE TRUSS UNDER, AT EACH CROSS POINT. POSTS LONGER THAN 6' TO BE Laterally Braced so that the distance between end points & between rows of bracing does not exceed 6'.

NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

NOTE: REFER TO STREET-SCAPES FOR POSSIBLE MINOR CHANGES DUE TO GRADING CONDITIONS

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



FRONT ELEVATION 'B'

PEAK HEIGHT OF ROOF 29'-0"

MID-POINT OF ROOF 23'-9"

model
38-9

scale
3/16" = 1'0"

project #
13098

location
Brampton

marking name
McLaughlin and Mayfield

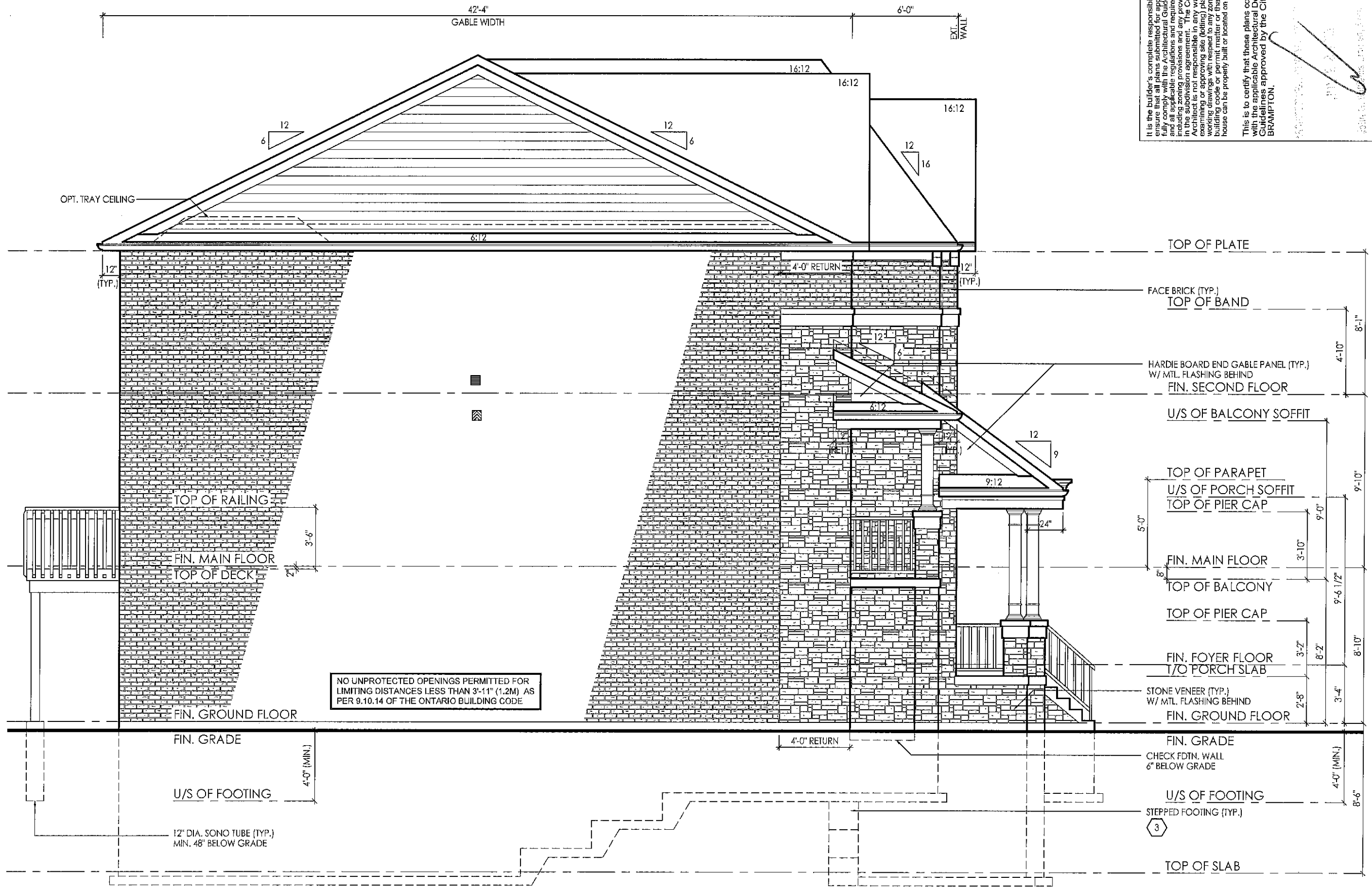
client
Gold Park Homes

project
McLaughlin and Mayfield

DATE
2015

SIGNATURE

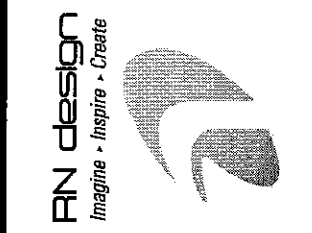
#	REVISIONS	date	dwg	chk	#	REVISIONS	date	dwg	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	AK	CT	5				
2	REVISED AS PER ARCH. CONTROL COMM.	25/08/2014	DP	DJH	6				
3	ISSUED FOR PERMIT	15-JUN-15	RPA	DJH	7				
4					8				



LEFT SIDE ELEVATION 'B'

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 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.

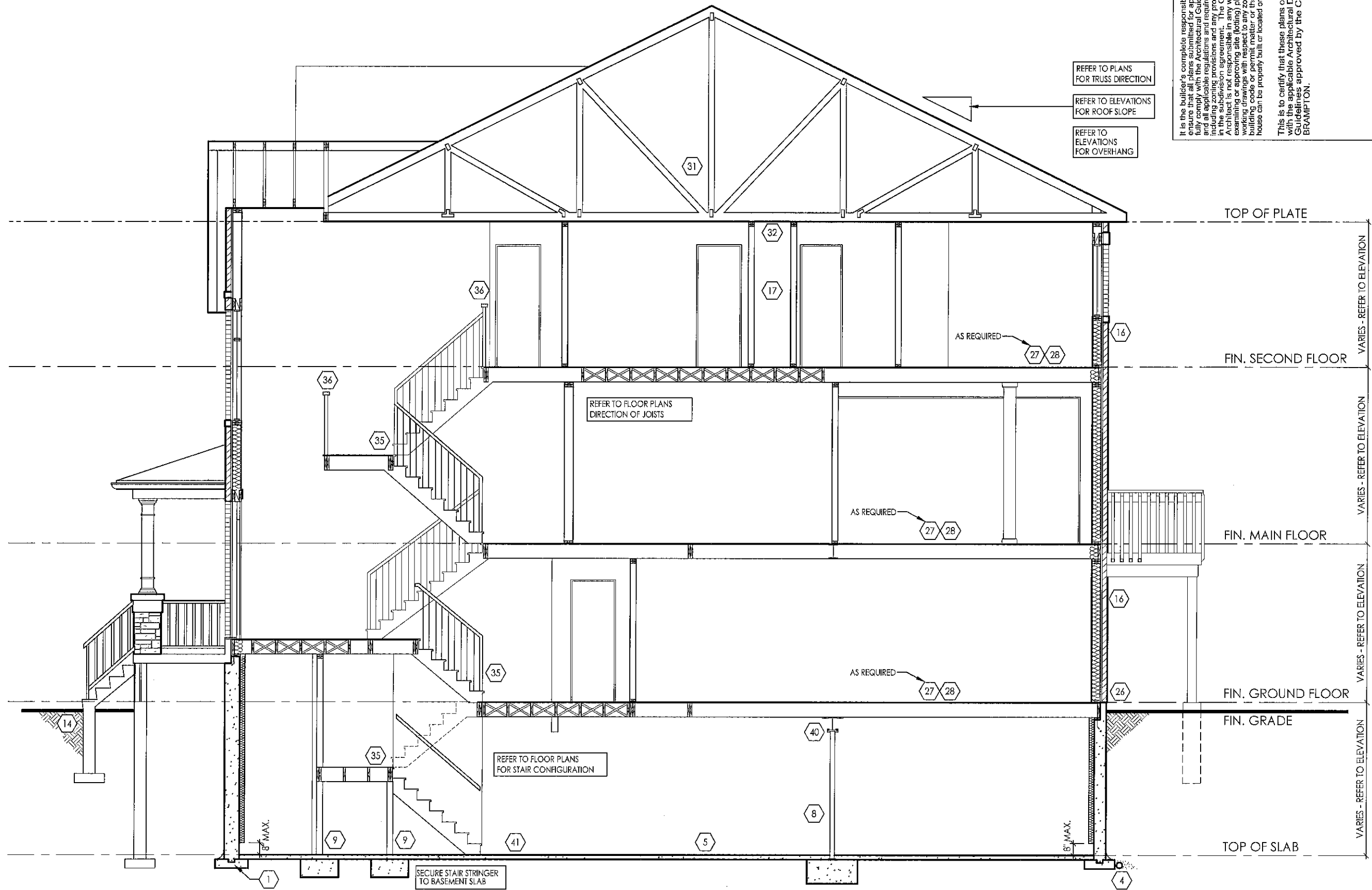
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.



client		Gold Park Homes		location		Brampton			
project		McLaughlin and Mayfield		marketing name					
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	kk	cr	5				
2	ISSUED FOR PERMIT	15-JUN-15	RPA	DIR	6				
3					7				
4					8				

I, DANIEL J. IJANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 20889
RN DESIGN 26985
JUL 27 2015
DATE
SIGNATURE



TYPICAL CROSS SECTION - 3 STOREY (BRICK)

N.T.S.

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 Authority shall not be responsible 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 BRAMPTON.

client		location	
Gold Park Homes		Brampton	
project		marketing name	
McLaughlin and Mayfield			
#	revisions	date	dwg
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	5
2	ISSUED FOR PERMIT	15-JUN-15	6
3			7
4			8

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RNY Design Limited 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 20853
FIRST JUN 20 2015
DATE

SIGNATURE

SIGNATURE



CONSTRUCTION NOTES:

COMPLIANCE PACKAGE J - O.B.C. 2012 - 2015 ENACTMENT

(UNLESS OTHERWISE NOTED)
-ALL 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 1.6" (4.9mm) MAX. SUPPORTED JOIST LENGTH
-MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS
-W/ MIN. 10.9psi (736Pa) BEARING CAPACITY
-FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT)

TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

O.B.C. 9.15.3.3.
-FTG. TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE
BRICK VENEER -1 STOREY -13" X 4" (330mm X 100mm)
-2 STOREY -19" X 6" (483mm X 153mm)
-3 STOREY -26" X 9" (660mm X 230mm)

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

TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)

O.B.C. 9.15.3.6.
-1 STOREY MASONRY -16" X 4" (410mm X 100mm)
-12" X 4" (305mm X 100mm)
-2 STOREY MASONRY -26" X 9" (650mm X 230mm)
-18" X 5" (450mm X 130mm)
-2 STOREY STUD -36" X 14" (900mm X 360mm)
-3 STOREY MASONRY -24" X 8" (600mm X 200mm)

STEP FOOTING:

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

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/ 5/78" (150mm) OF CRUSHED STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL.
-TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL.

BASEMENT SLAB

O.B.C. 9.13. & 9.16.
-3" (75mm) CONCRETE SLAB
-2200psi (15MPa) AFTER 28 DA YS - O.B.C. 9.16.4.5.
-DAMP-PROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE S ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMP-PROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DA YS
-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.
-R10 (RSI 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-12-2.1.1.6 (5))
-UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

SLAB ON GROUND:

O.B.C. 9.13.3.
-3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3.
-2200psi (15MPa) AFTER 28 DA YS - O.B.C. 9.16.4.5.
-DAMP-PROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE S ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMP-PROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DA YS
-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 CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

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.

PLASTERS:

O.B.C. 9.15.5.3.
-PLASTER
-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).

STEEL PIPE COLUMN:

O.B.C. 9.15.3.4. & 9.17.3.
-FIXED COLUMN
-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS
-FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" (150mm) X 100mmX 6.35mm STEEL BTM. PLATE
-FOR WOOD BEAMS, MIN. 4"x4"x1/4" (100mmX 100mm X 6.35mm) STEEL TOP & BTM. PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM.
-ADJUSTABLE COLUMNS TO CONFORM TO CAN/CSA S16.01 (2005) TABLE 13. IMPOSED LOAD DOES NOT EXCEED 36 kN (O.B.C. 9.17.3.1)
COL. SPACING:
2 STOREY
-MAX. 9'-10" (2997mm)
-MAX. 16'-0" (4890mm)

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

-MAX. 16'-0" (4890mm)

-WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mm X 200mm X 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS.

CLIENT SPECIFIC REVISIONS

I, DANIEL J. MANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RX Design Limited 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.
FIRM BCIN 26995.
DATE 2 7 2015 SIGNATURE

SIGNATURE:

WOOD COLUMN:

O.B.C. 9.17.4.1.
-5 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)

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

BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM)

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

WALL ASSEMBLIES:

FOUNDATION WALL:

O.B.C. 9.15.4.2.
-FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT,
-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 JOISTS.
-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C.-19.15.4.1 SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.-PART 4

-WALL SHALL EXTEND A MIN. 5/78" (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) 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
DAMP-PROOFING & WATER-PROOFING:
-DAMP-PROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2.
-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. 9.14.2.1.12) (3) (4)
-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMP-PROOFING 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 DAMP-PROOFING.

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.

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.
-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.1.6.
-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 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) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD.

REQ. FOR FIRE RATING (LESS THAN 2'-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 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) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD.

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-REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD.

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FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE 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) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE 'X' GYPSUM BOARD.

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:
-NON-COMBUSTIBLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).
OR
-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

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. 9.27.3.4.)
-BRACE W/ CONT. 1.6 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. 9.23.1.6. 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.

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-COMBUSTIBLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).

OR
-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

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. 9.23.1.6.
-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-COMBUSTIBLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).

OR
-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.

BRICK VENEER CONSTRUCTION:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT
-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. 9.23.1.6
-2" 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. & 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 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.

ALTERNATE BRICK VENEER CONSTRUCTION:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT
-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
-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.)
-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-BRACE W/ CONT. 1.6 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 (RSI 2.46) INSULATION
-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. 9.23.1.6. 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.

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. 9.23.1.6. 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.

BRICK VENEER CONSTRUCTION @ GARAGE:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEIGHT
-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. 9.23.1.6
-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

client		location					
Gold Park Homes		Brampton					
project		marketing name					
McLaughlin and Mayfield							
#	revisions	date	dwn chg	#	revisions	date	dwn chg
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	kk	01	5		
2	ISSUED FOR PERMIT	15-JUN-15	RPA	DIH	6		
3					7		
4					8		

model	
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36b EXTERIOR GUARDS @ JULIET BALCONY:

- 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.B.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. 9.8.B.2. OR
- FOR DWELLING UNITS GUARDS TO BE 3'-6" WHERE FLOOR TO GRADE DIFFERENCE IS 5'-11" (1800mm) OR GREATER AS PER O.B.C. 9.8.B.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" (300mm) DEEP
- WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. O.B.C.- 9.32.1.3(i)
- CAPPED DRYER VENT

37

38

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

39

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

40

- 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 WILL BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A VISUAL SIGNALING COMPONENT
- ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE THAT CAN POWER ALARM FOR 7 DAYS. FOLLOWED BY 4 MINUTES OF ALARM
- 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 ACTIVATED.

41

- MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY
- PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 140 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT.
- R4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED
- GARAGE MAIN DOORS TO BE GAS PROOFED WITH SELF CLOSER. WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15.
- R4 (RSI 0.70)
- TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE FLOOR EXCEPT:
 - 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY OR
 - 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.

42

- MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY
- PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 140 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT.
- R4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED

43

- GARAGE MAIN DOORS TO BE GAS PROOFED WITH SELF CLOSER. WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15.
- R4 (RSI 0.70)

44

- TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE FLOOR EXCEPT:
 - 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY OR
 - 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/ METAL SADDLE
- TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS.
- 1'-4" X 1'-4" MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP.
- REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP.
- SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4.
- 3/4" AIR SPACE AROUND POST.
- OR
- MIN. 6"x6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE.
- 1'-4" X 1'-4" 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.

49b

- MIN. 6"x6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE.
- 1'-4" X 1'-4" 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.

50

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
- WALL MOUNTED LIGHT FIXTURE
- 1'-1'-17 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) & 3.8.3.13.(4)(c)
- 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 1.5Rp 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'-8" (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

GROSS GLAZING AREA EL. 'A' - STD.

TOTAL PERIPHERAL WALL AREA	4059.87 SF	377.16 m²
FRONT GLAZING AREA	155.40 SF	14.44 m²
LEFT SIDE GLAZING AREA	0.0 SF	0.00 m²
RIGHT SIDE GLAZING AREA	83.94 SF	7.80 m²
REAR GLAZING AREA	217.19 SF	20.18 m²

TOTAL GLAZING AREA	456.53 SF	42.41 m²
TOTAL GLAZING PERCENTAGE	11.24 %	

GROSS GLAZING AREA EL. 'A' - OPT.

TOTAL PERIPHERAL WALL AREA	4059.87 SF	377.16 m²
FRONT GLAZING AREA	155.40 SF	14.44 m²
LEFT SIDE GLAZING AREA	0.0 SF	0.00 m²
RIGHT SIDE GLAZING AREA	83.94 SF	7.80 m²
REAR GLAZING AREA	213.36 SF	19.82 m²

TOTAL GLAZING AREA	452.70 SF	42.06 m²
TOTAL GLAZING PERCENTAGE	11.15 %	

GROSS GLAZING AREA EL. 'B' - STD.

TOTAL PERIPHERAL WALL AREA	4075.83 SF	378.64 m²
FRONT GLAZING AREA	169.64 SF	15.76 m²
LEFT SIDE GLAZING AREA	0.0 SF	0.00 m²
RIGHT SIDE GLAZING AREA	83.94 SF	7.80 m²
REAR GLAZING AREA	217.19 SF	20.18 m²

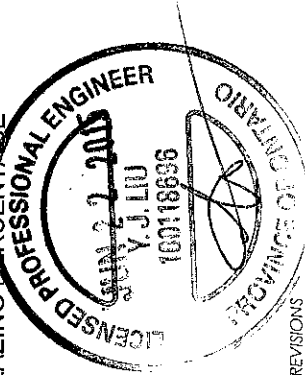
TOTAL GLAZING AREA	470.77 SF	43.73 m²
TOTAL GLAZING PERCENTAGE	11.55 %	

GROSS GLAZING AREA EL. 'B' - OPT.

TOTAL PERIPHERAL WALL AREA	4075.83 SF	378.64 m²
FRONT GLAZING AREA	169.64 SF	15.76 m²
LEFT SIDE GLAZING AREA	0.0 SF	0.00 m²
RIGHT SIDE GLAZING AREA	83.94 SF	7.80 m²
REAR GLAZING AREA	213.36 SF	19.82 m²

TOTAL GLAZING AREA	466.94 SF	43.38 m²
TOTAL GLAZING PERCENTAGE	11.46 %	

FOR STRUCTURAL ONLY



CLIENT SPECIFIC REVISIONS

SCHEDULES

DOORS				WOOD BEAMS			
A	8-65x2030x45 (2'10"x6'8"x1'-3/4")	WD1	3/2" X 8" SPR	WD9	5/2" X 12" SPR	UNITS	
B	8-15x2030x35 (2'8"x6'8"x1'-3/8")	WD2	4/2" X 8" SPR	WD10	2/1 3/4" X 7 1/4" (2.0E) LVL	L10	4-7/8" X 3-1/2" X 5/16" L
C	7-60x2030x35 (2'6"x6'8"x1'-3/8")	WD3	5/2" X 8" SPR	WD11	3/1 3/4" X 7 1/4" (2.0E) LVL	L11	4-7/8" X 3-1/2" X 3/8" L
D	7-10x2030x35 (2'4"x6'8"x1'-3/8")	WD4	3/2" X 10" SPR	WD12	2/1 3/4" X 9 1/2" (2.0E) LVL	L12	4-7/8" X 3-1/2" X 1/2" L
E	4-60x2030x35 (1'6"x6'8"x1'-3/8")	WD5	4/2" X 10" SPR	WD13	3/1 3/4" X 9 1/2" (2.0E) LVL	L13	5-7/8" X 3-1/2" X 1/4" L
F	6-10x2030x35 (2'0"x6'8"x1'-3/8")	WD6	5/2" X 10" SPR	WD14	2/1 3/4" X 11 7/8" (2.0E) LVL	L14	5-7/8" X 3-1/2" X 3/8" L
G	OVER SIZED EXTERIOR DOOR	WD7	3/2" X 12" SPR	WD15	3/1 3/4" X 11 7/8" (2.0E) LVL	L15	5-7/8" X 4" X 1/2" L
		WD8	4/2" X 12" SPR			L16	7-1/8" X 4" X 3/8" L
						L17	7-1/8" X 4" X 1/2" L
						L18	7-1/8" X 4" X 1/2" L
						L19	4" X 3-1/2" X 1/4" L
						L20	4" X 3-1/2" X 1/4" L

I, DANIEL J. HANNINEN, declare that I have reviewed and take design responsibility for the design work on behalf of RN Design Limited 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 20885

JUL 27 2015

SIGNATURE

SIGNATURE:

client location

Gold Park Homes

Brampton

project marketing name

Mclaughlin and Mayfield

#	revisions	date	cln	chk	#	revisions	date	cln	chk
1	ISSUED FOR CLIENT REVIEW	04-JUL-14	kl	cr	5				
2	ISSUED FOR PERMIT	15-JUN-15	RPA	DJH	6				
3					7				
4					8				

- 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 1'5 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 255mm) 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 2.8 W/(m2.K)
- FOR GROSS GLAZED AREAS LESS THAN 17%

ADDITIONAL COMPLIANCE ALTERNATIVES FOR PACKAGE 1.

- 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 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).
- OR
- WHERE BLOW-IN-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 THAT:

- g) THE THERMAL INSULATION VALUE IN A CEILING WITH AN ATTIC SPACE IS NOT LESS THAN R60 (RSI 10.55),
- h) THE MINIMUM EFFICIENCY OF THE #RV 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.

PLAN/ELEVATION LEGEND

	SMOKE ALARM		CARBON MONOXIDE ALARM (CMA)
	WATERPROOF DUPLEX OUTLET		DOUBLE JOIST
	VENTS AND INTAKES		PRESSURE TREATED LUMBER
	HOSE BIB		GIRDER TRUSS
	EXHAUST FAN		FLAT ARCH
	COLD CELLAR VENT		2 STORY WALL
	STOVE VENT		UNDER SIDE
	FIRE PLACE VENT		FIXED GLAZING
	DRYER VENT		GLASS BLOCK
			BLACK GLASS

model

38-9

scale

3/16" = 1'0"

RN design

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page

D3