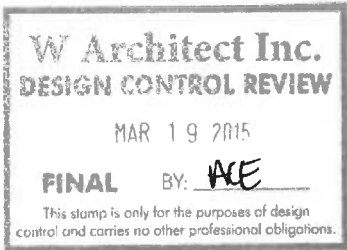




Drawing List:

- A0 TITLE SHEET
- A1 FOUNDATION PLAN ELEVATION 'A' & 'A1'
- PARTIAL FOUNDATION PLAN ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL FOUNDATION PLAN ELEVATION 'A' (END CONDITION)
- A2 LOWER LEVEL ELEVATION 'A' & 'A1'
- PARTIAL LOWER LEVEL ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL LOWER LEVEL ELEVATION 'A' (END CONDITION)
- A3 OPT LOWER LEVEL ELEVATION 'A' & 'A1' (FOR OPT MAIN FLOOR ONLY)
- PARTIAL OPT LOWER LEVEL ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL OPT LOWER LEVEL ELEVATION 'A' (END CONDITION)
- A4 MAIN FLOOR ELEVATION 'A' & 'A1'
- PARTIAL MAIN FLOOR ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL MAIN FLOOR ELEVATION 'A' (END CONDITION)
- A5 OPT MAIN FLOOR ELEVATION 'A' & 'A1' (FOR OPT LOWER FLOOR ONLY)
- PARTIAL OPT MAIN FLOOR ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL OPT MAIN FLOOR ELEVATION 'A' (END CONDITION)
- A6 UPPER FLOOR ELEVATION 'A' & 'A1'
- PARTIAL UPPER FLOOR ELEVATION 'A' (CORNER UPGRADE)
- PARTIAL UPPER FLOOR ELEVATION 'A' (END CONDITION)
- A7 FRONT ELEVATION ELEV. 'A' (INT CONDITION)
- A8 REAR ELEVATION ELEV. 'A' & 'A1' (INT CONDITION & END CONDITION)
- A9 FRONT ELEVATION ELEV. 'A1' (INT CONDITION)
- A10 FRONT ELEVATION ELEV. 'A' (END CONDITION)
- A11 LEFT ELEVATION ELEV. 'A' (END CONDITION)
- A12 FRONT ELEVATION ELEV. 'A' (CORNER CONDITION)
- A13 REAR ELEVATION ELEV. 'A' (CORNER CONDITION)
- A14 LEFT ELEVATION ELEV. 'A' (CORNER CONDITION)
- A15 LEFT ELEVATION ELEV. 'A' (CORNER CONDITION) OPT. MAIN FLOOR
- A16 TYPICAL CROSS SECTION
- D1 CONSTRUCTION NOTES
- D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES



Areas:

	ELEVATION 'A'		ELEVATION 'A' (CORNER UPGRADE)		ELEVATION 'A' (END CONDITION)	
	SF	SM	SF	SM	SF	SM
LOWER LEVEL	495.9	46.1	499.0	46.4	499.0	46.4
MAIN FLOOR	827.5	76.9	853.6	79.3	843.5	78.4
UPPER FLOOR	827.5	76.9	853.6	79.3	843.5	78.4
TOTAL AREA	2150.9	199.8	2206.2	205.0	2186.0	203.1
COVERAGE INC PORCH	1098.4	102.0	1168.5	108.6	1117.7	103.8
COVERAGE NOT INC PORCH	1049.7	97.5	1118.3	103.9	1067.5	99.2



BATHURST 9130

Allerton

I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RM 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: 30840 FIRM BCIN: 26995 DATE: MAR-13-15

E. Schneider

SIGNATURE:

client: Senator Homes
project: BATHURST 9130

location: Vaughan
marketing name: Allerton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	dcb	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	lth	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

RM design
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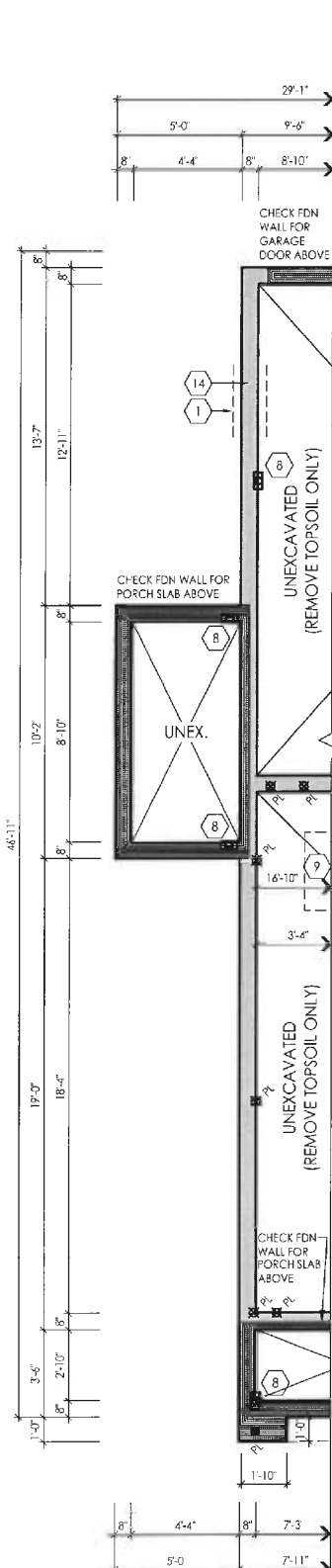
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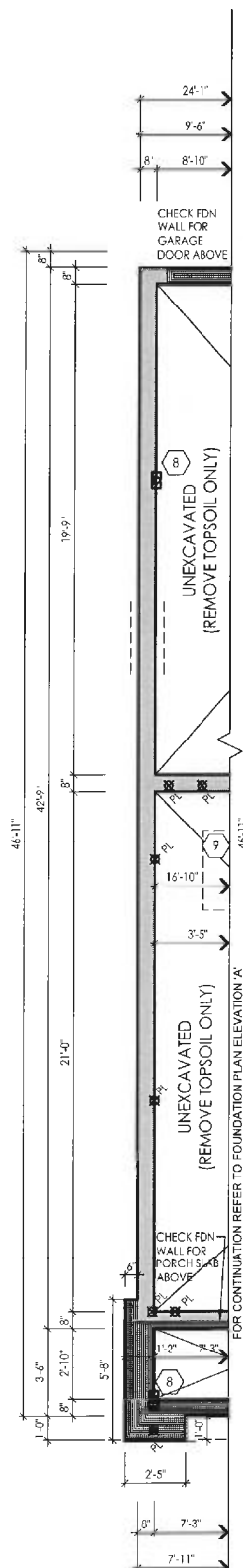
project # 12073

page

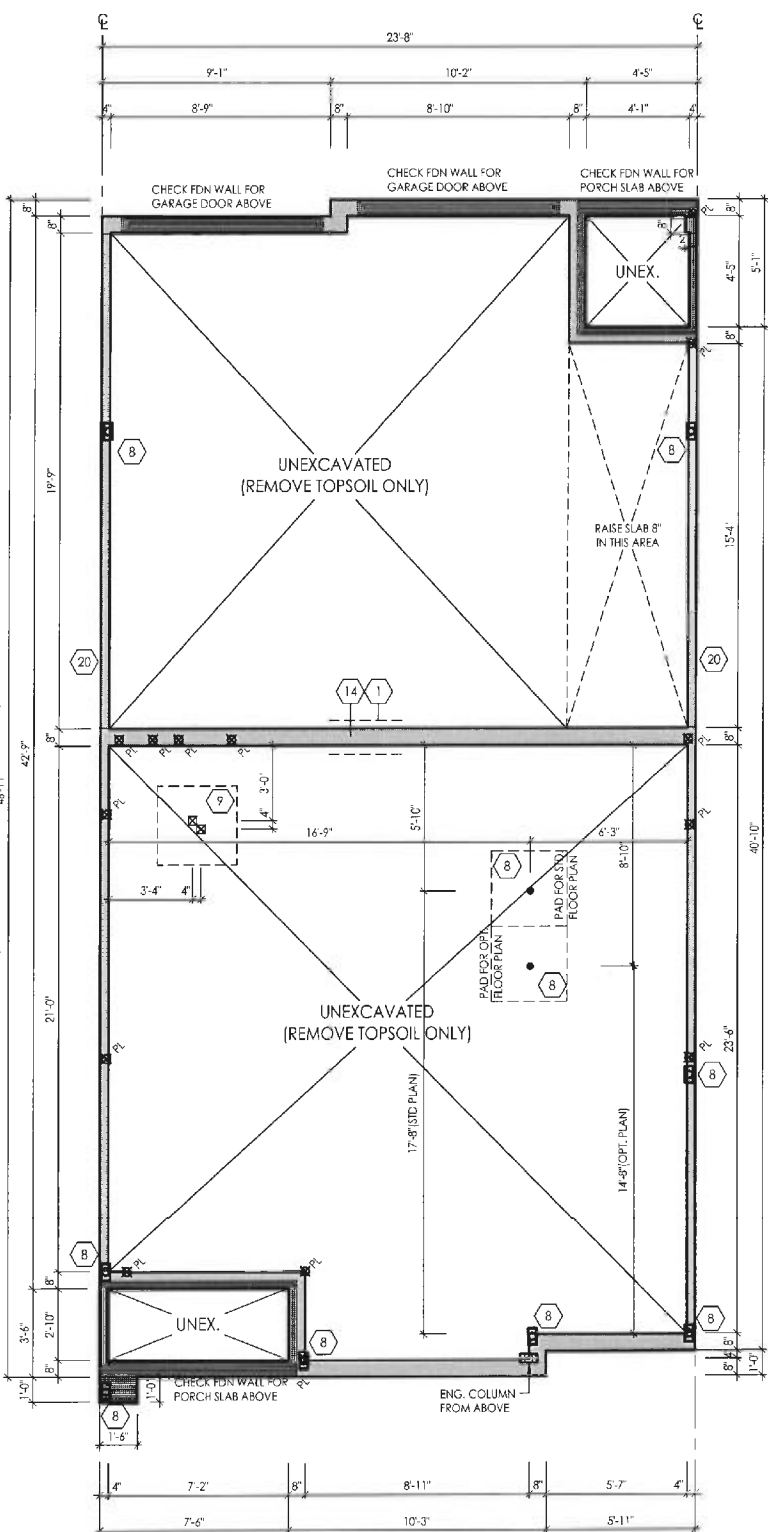
A0



PARTIAL
FOUNDATION PLAN
ELEVATION 'A'
(CORNER UPGRADE)



PARTIAL
FOUNDATION PLAN
ELEVATION 'A'
(END CONDITION)



FOUNDATION PLAN
ELEVATION 'A' & 'A1'

I, ERIC SCHNEIDER 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15
SIGNATURE: *E. Schneider*

client Senator Homes				location Vaughan			
project BATHURST 9130				marketing name Allerton			
#	revisions	date	dwn	chk	#	revisions	date
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	dob	sh	5		
2	REVISED FLOOR HEIGHTS	4-Sep-14	kh	sh	6		
3	REVISED FINAL	13-Mar-15	en	tn	7		
4					8		

PICCO ENGINEERING
Professional Engineer
10000
10000

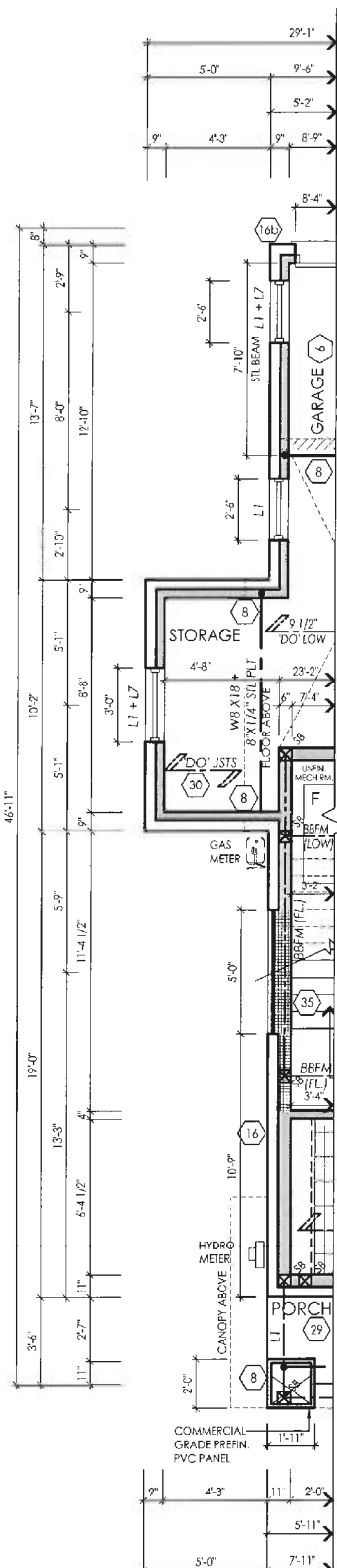
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project #
12073

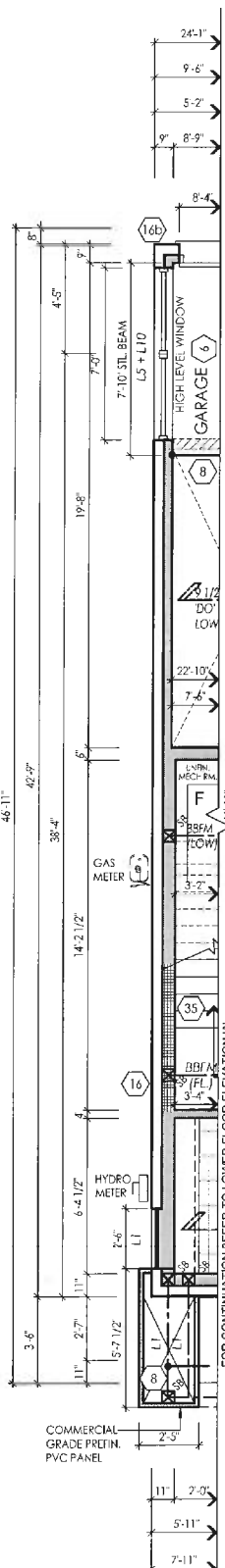
page
A1

ARN design
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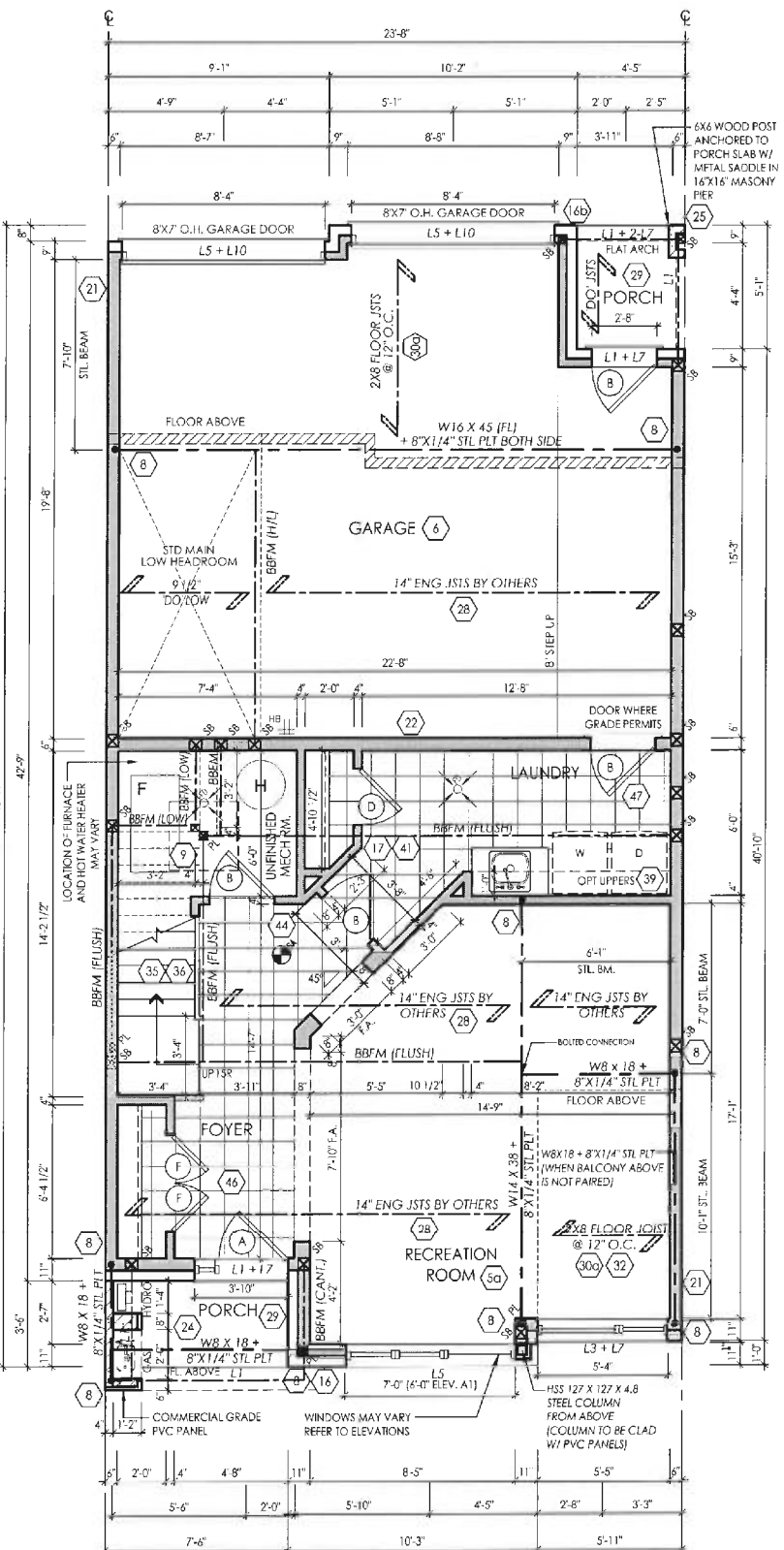
LICENSED PROFESSIONAL ENGINEER
J.G. ALVARADO
10000
10000



PARTIAL
LOWER LEVEL
ELEVATION 'A'
(CORNER UPGRADE)



PARTIAL
LOWER LEVEL
ELEVATION 'A'
(END CONDITION)



LOWER LEVEL ELEVATION 'A' & 'A1'

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

NOTE: REFER TO FLOOR DRAWINGS FOR APPROVED FLOOR LAYOUT

NOTE: CONC. FRONT PORCH POURED PRIOR TO BRICK

I, ERIC SCHNEIDER 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE: *Eric Schneider*

client Senator Homes					location Vaughan				
project BATHURST 9130					marketing name Allerton				
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	dc	sh	5				
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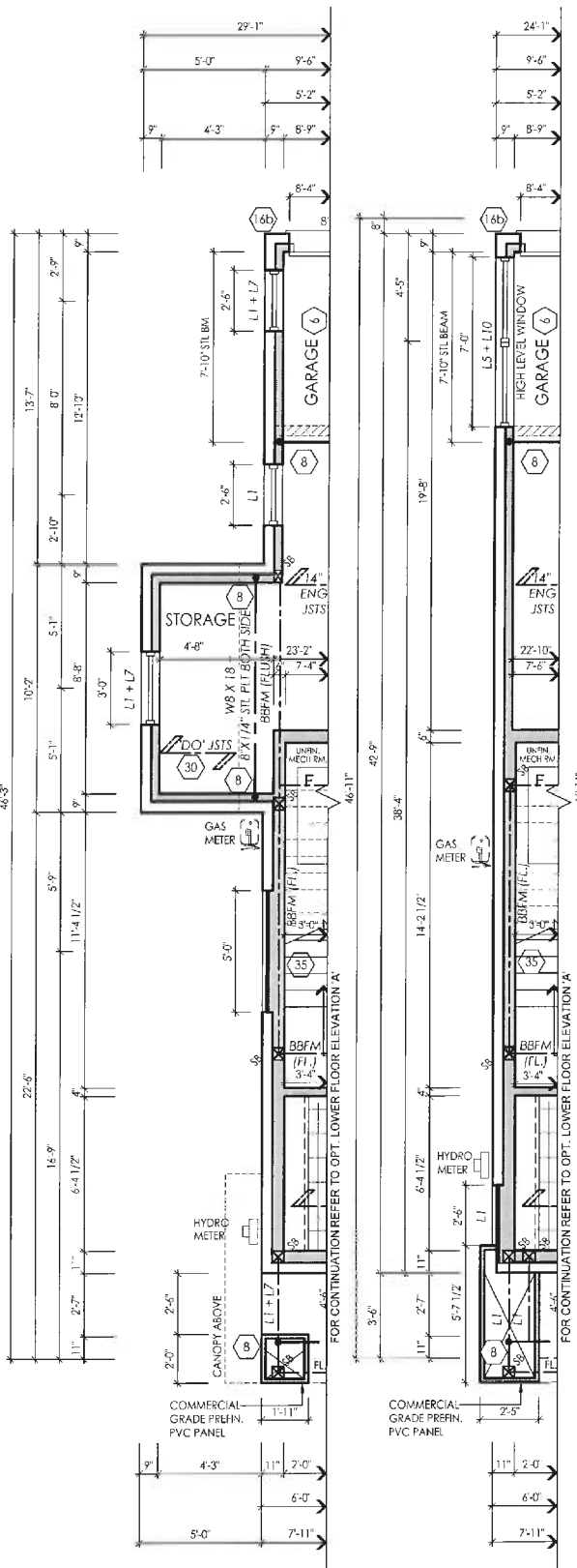
RN design
Imagine - Inspire - Create

TH-23-1

page 3 of 16

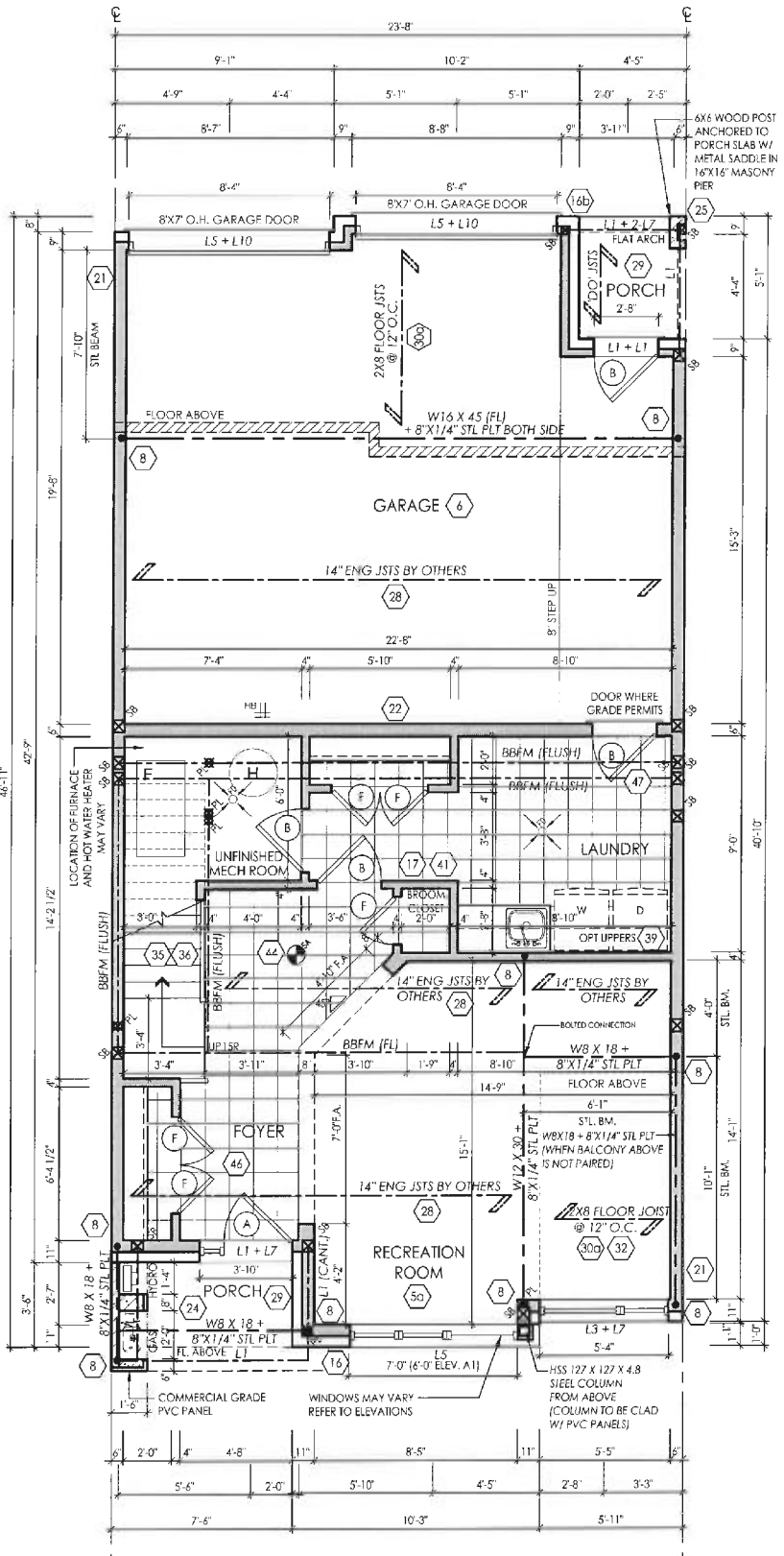
project # 12073

page **A2**



PARTIAL
OPT LOWER LEVEL
ELEVATION 'A'
(CORNER UPGRADE)

PARTIAL
OPT LOWER LEVEL
ELEVATION 'A'
(END CONDITION)



OPT LOWER LEVEL ELEVATION 'A' & 'A1'
(FOR OPT MAIN FLOOR ONLY)

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

NOTE: REFER TO FLOOR DRAWINGS FOR APPROVED FLOOR LAYOUT.

NOTE: CONC. FRONT PORCH POURED PRIOR TO BRICK.

I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **FN 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: 30840 26795 DATE: MAR-13-15

SIGNATURE:

client
Senator Homes
project
BATHURST 9130

location
Vaughan
marketing name
Allerton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	sh	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	sh	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

FN design
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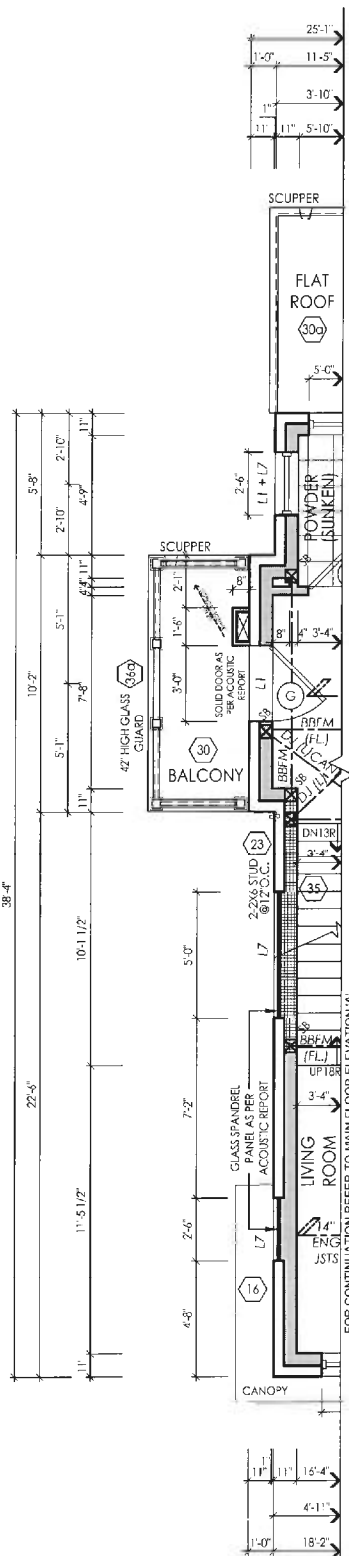
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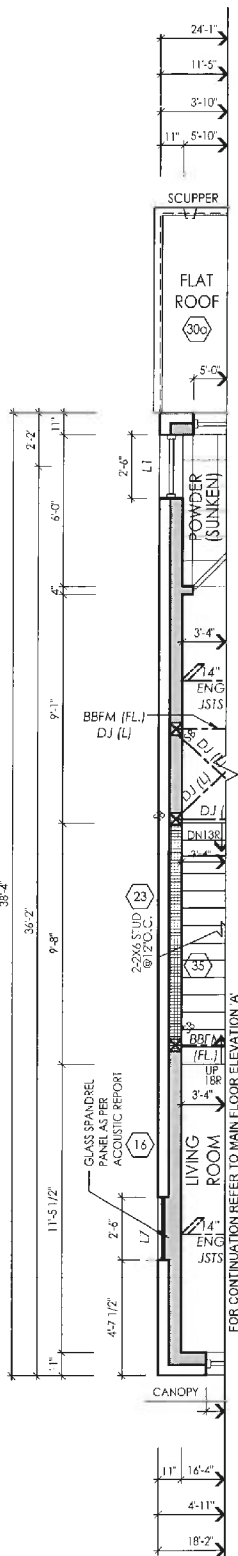
project #
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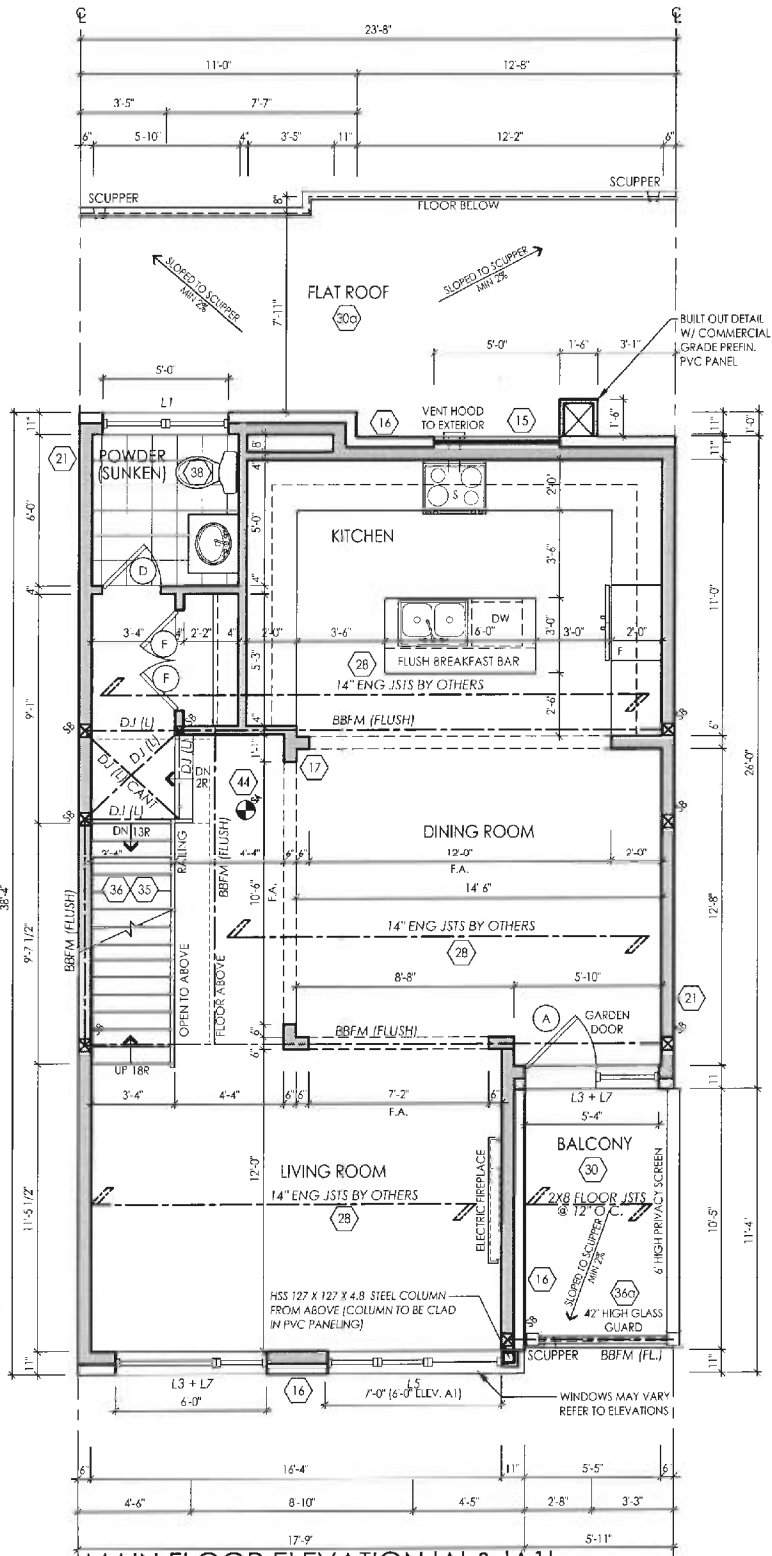
A3



PARTIAL
MAIN FLOOR
ELEVATION 'A'
(CORNER UPGRADE)



PARTIAL
MAIN FLOOR
ELEVATION 'A'
(END CONDITION)



MAIN FLOOR ELEVATION 'A' & 'A1'

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

NOTE: REFER TO FLOOR DRAWINGS FOR APPROVED FLOOR LAYOUT



I, ERIC SCHNEIDER 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 2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: 30840
FIRM BCIN: 26595
DATE: MAR-13-15

SIGNATURE:

Eric Schneider

client
Senator Homes

project
BATHURST 9130

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	28-Jun-14	ocb	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	km	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

location
Vaughan

marketing name
Allerton

RN design
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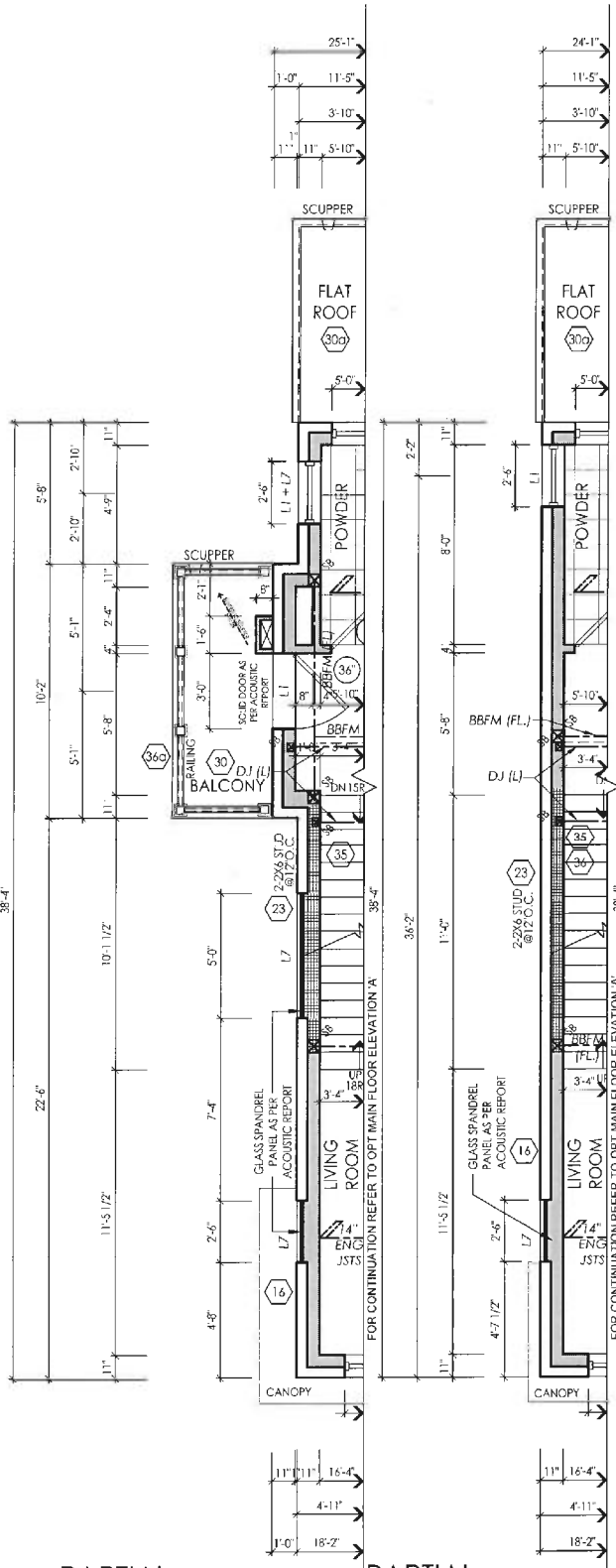
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scale
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project #
12073

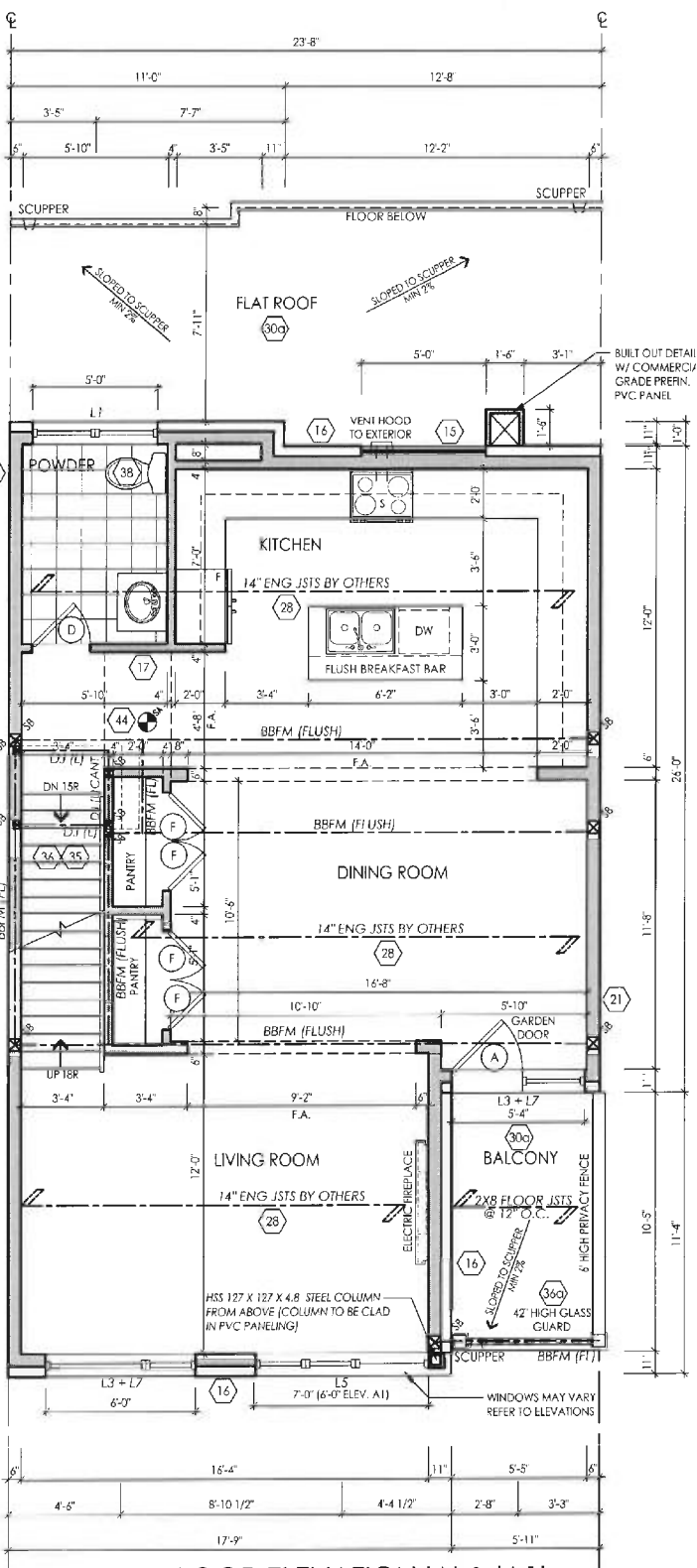
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A4



PARTIAL
OPT MAIN FLOOR
ELEVATION 'A'
(CORNER UPGRADE)

PARTIAL
OPT MAIN FLOOR
ELEVATION 'A'
(END CONDITION)



OPT MAIN FLOOR ELEVATION 'A' & 'A1'
(FOR OPT LOWER FLOOR ONLY)

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

NOTE: REFER TO FLOOR DRAWINGS
FOR APPROVED FLOOR LAYOUT

PICCO ENGINEERING
P. J. COOPER
P. J. COOPER
P. J. COOPER

MAR 13 2019

LICENSED PROFESSIONAL ENGINEER
J. G. ALVAREZ
100018328

I, ERIC SCHNEIDER 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 RCIN:
FIRM RCIN:
DATE: MAR-13-15

SIGNATURE:

client Senator Homes				location Vaughan			
project BATHURST 9130				marketing name Allerton			
#	revisions	date	dwn	chk	#	revisions	date
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	dstb	sh	5		
2	REVISED FLOOR HEIGHTS	4-Sep-14	dstb	sh	6		
3	ISSUED FINAL	13-Mar-15	dstb	sh	7		
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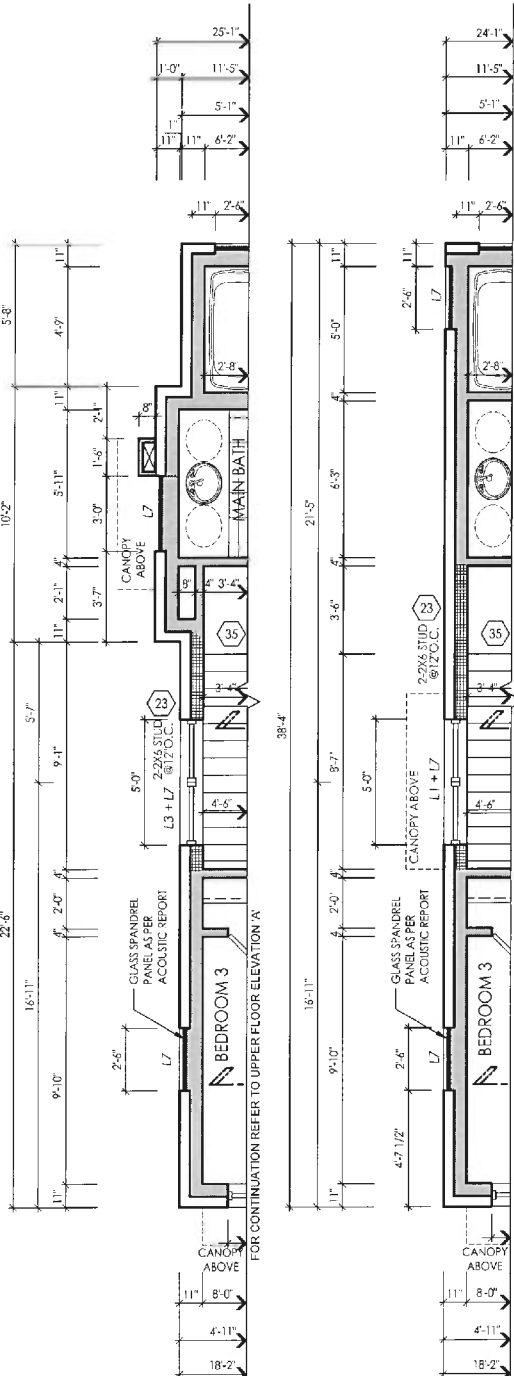
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TH-23-1
scale
3/16" = 1'0"
project #
12073

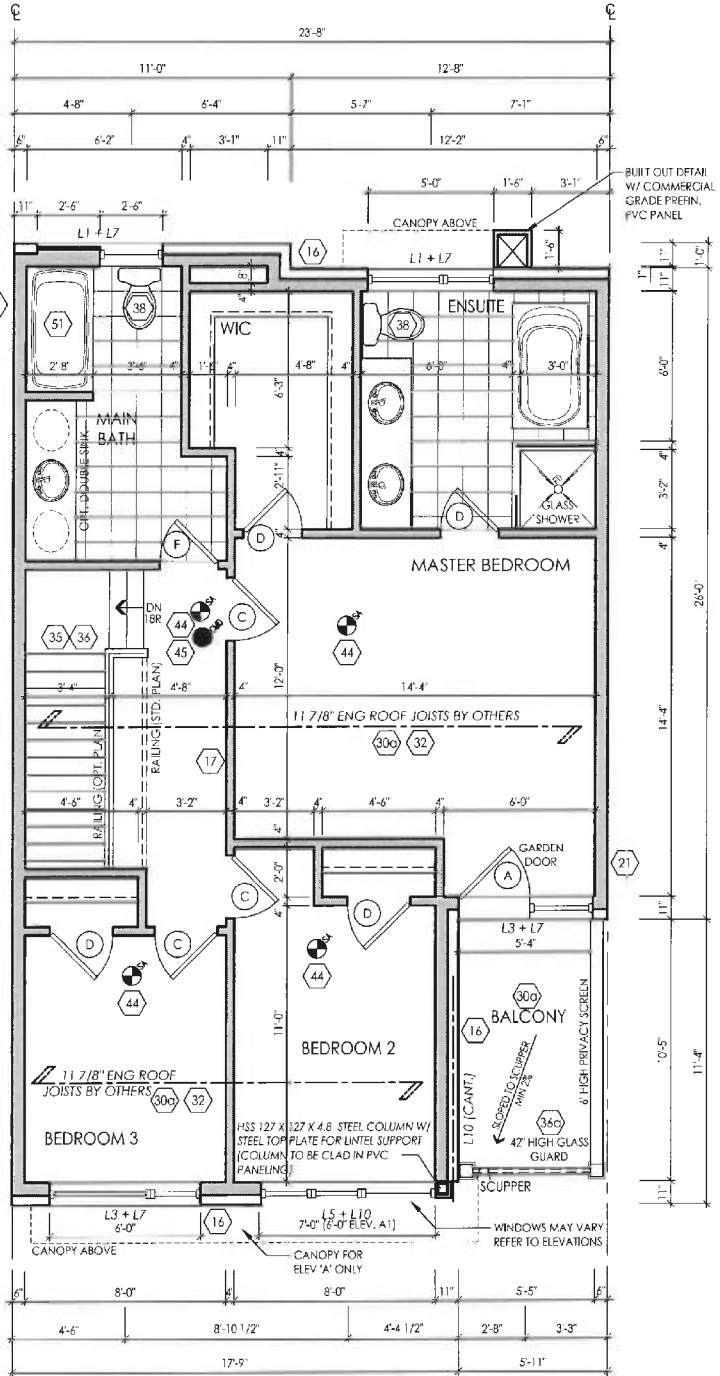
page

A5



PARTIAL
UPPER FLOOR
ELEVATION 'A'
(CORNER UPGRADE)

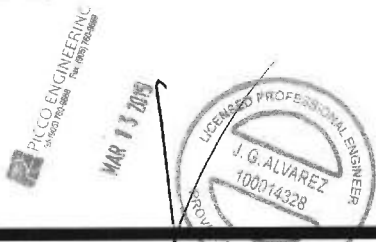
PARTIAL
UPPER FLOOR
ELEVATION 'A'
(END CONDITION)



UPPER FLOOR ELEVATION 'A' & 'A1'

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

NOTE: REFER TO ROOF DRAWINGS
FOR APPROVED ROOF LAYOUT



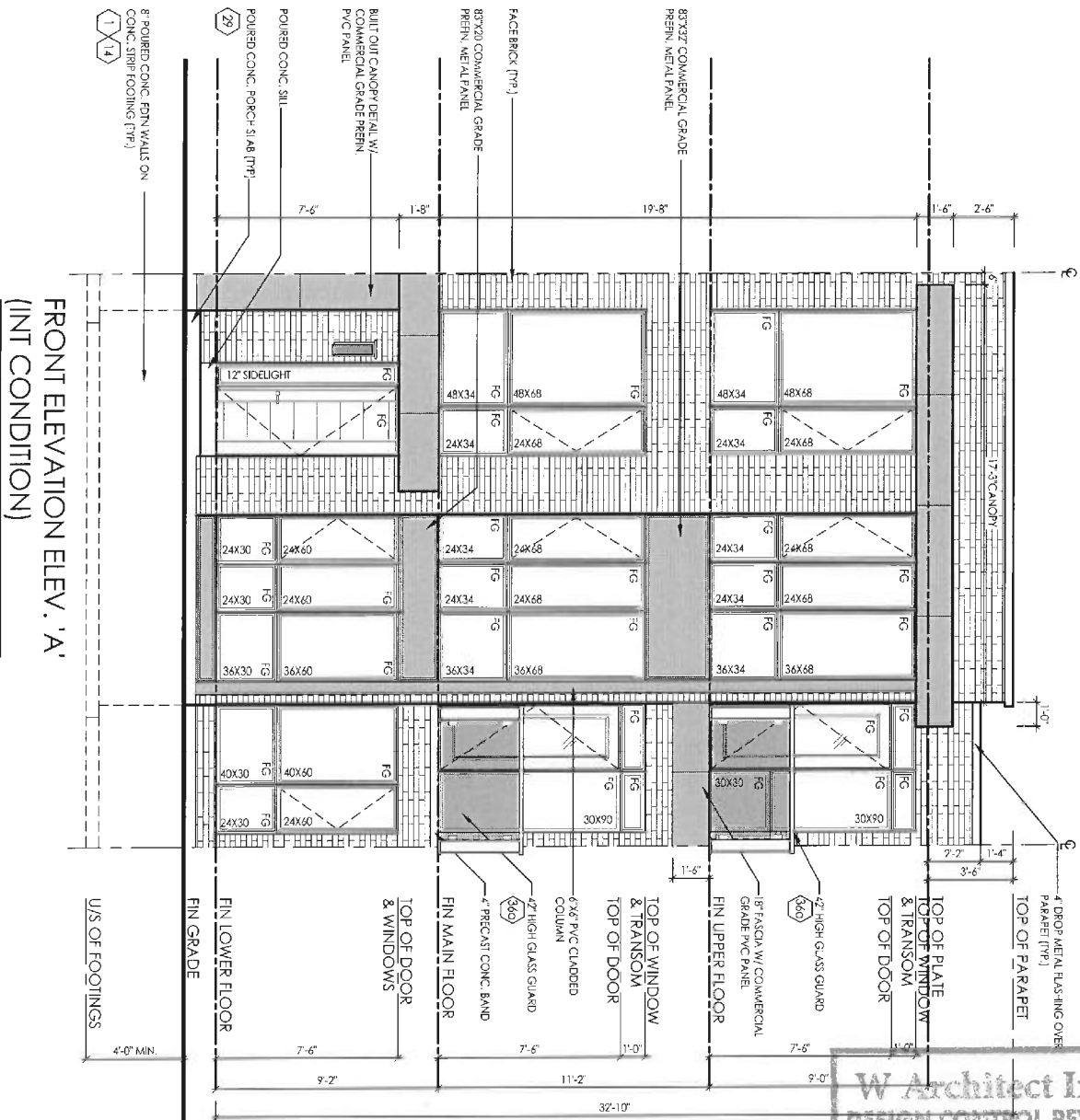
I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN
DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF
OF RN DESIGN LTD UNDER DIVISION C PART-3 SUBSECTION 4.3.4
OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS
REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 30640
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE: *E. Schneider*

client Senator Homes				location Vaughan			
project BATHURST 9130				marketing name Allerton			
#	revisions	date	dwn	chk	#	revisions	date
1	ISSUED FOR CLIENT REVIEW	26-Jul-14	sh	sh	5		
2	REVISED FLOOR HEIGHTS	4-Sep-14	sh	sh	6		
3	ISSUED FINAL	13-Mar-15	sh	sh	7		
4					8		

TH-23-1
scale
3/16" = 1'0"
project #
12073

page
A6



W Architect Inc.
DESIGN CONTROL REVIEW
MAR 19 2015
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MAR 19 2015

GROSS GLAZING AREA - ELEV. 'A'

STANDARD & OPTIONAL	
TOTAL PERIPHERAL WALL AREA	3408.91 SF
FRONT GLAZING AREA	332.40 SF
LEFT SIDE GLAZING AREA	0.00 SF
RIGHT SIDE GLAZING AREA	0.00 SF
REAR GLAZING AREA	91.01 SF
TOTAL GLAZING AREA	423.41 SF
TOTAL GLAZING PERCENTAGE	12.42 %

I, ERIC SCHNEIDER (DCI) ARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **BN 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

E. Schneider

client
Senator Homes

project
BATHURST 9130

location
Vaughan

marketing name
Allerton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	cd	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	kt	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

BN design
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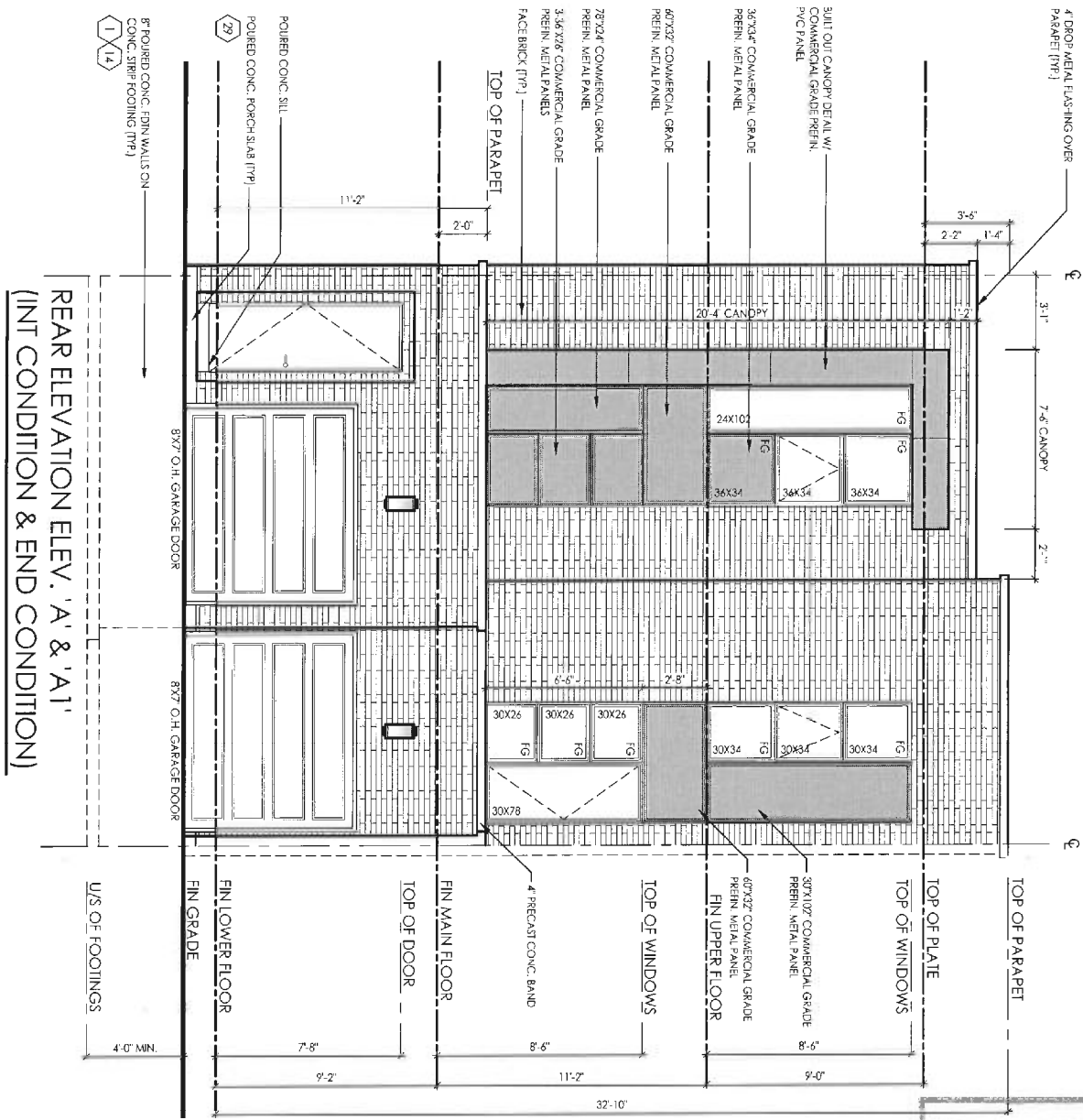
model
TH-23-1

scale
3/16" = 1'0"

project #
12073

page

A7



W Architect Inc.
DESIGN CONTROL REVIEW
MAR 19 2015
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PICCO ENGINEERING
100014328

REGISTERED PROFESSIONAL ENGINEER
J.G. ALVAREZ
100014328

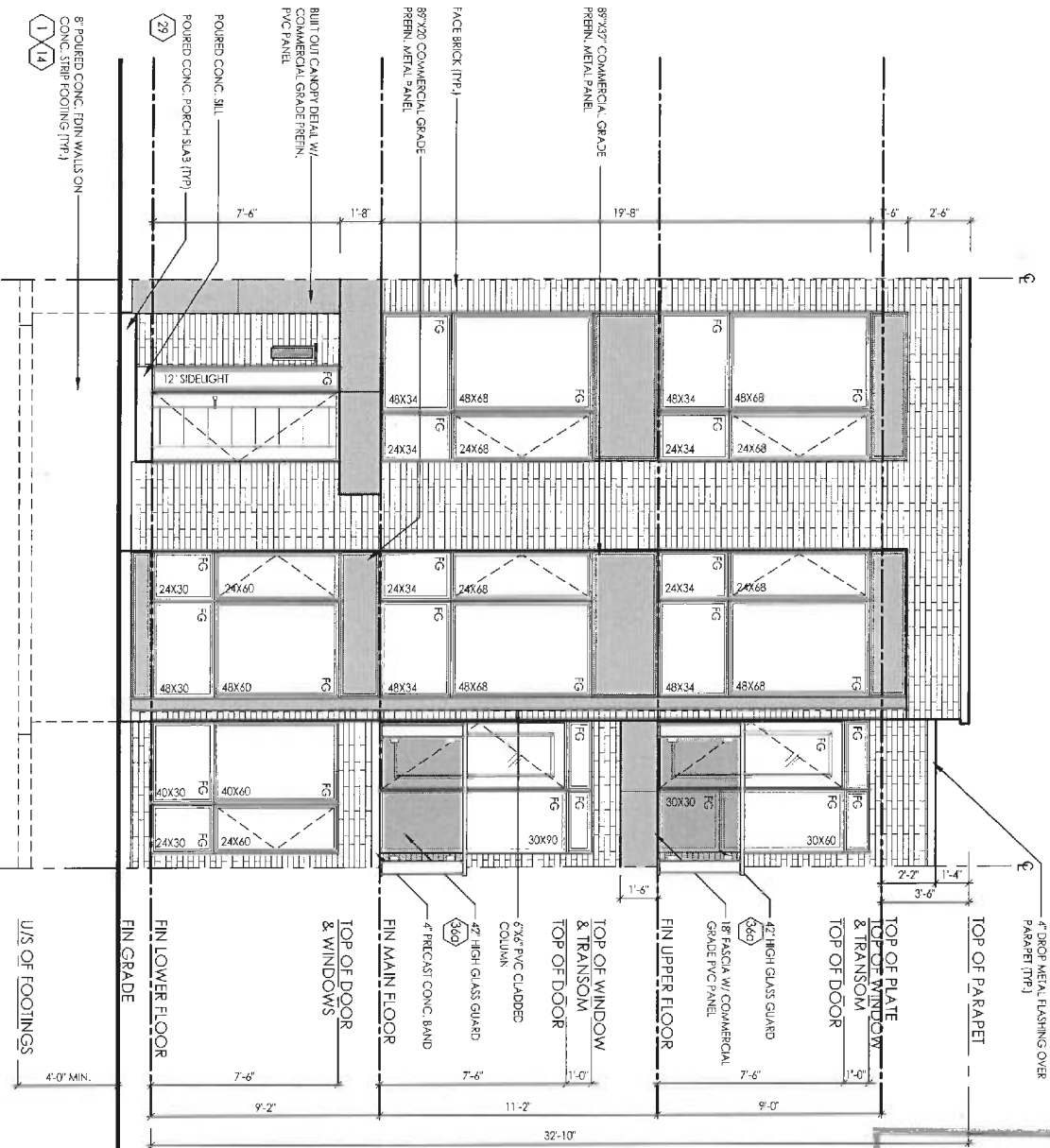
I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **RN DESIGN LTD.** UNDER DIVISION C, PART 3 SUBSECTION 3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 30840
FIRM BCIN: 26995
DATE: MAR-13-15
SIGNATURE: *E. Schneider*

client					location				
Senator Homes					Vaughan				
project					marketing name				
BATHURST 9130					Allerton				
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
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2	REVISED FLOOR HEIGHTS	4-Sep-14	sh	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

RN design
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model: TH-23-1
scale: 3/16" = 1'0"
project #: 12073
page: **A8**

FRONT ELEVATION ELEV. 'A1'
(INT CONDITION)



GROSS GLAZING AREA - ELEV. 'A1'

STANDARD & OPTIONAL	
TOTAL PERIPHERAL WALL AREA	3408.91 SF
FRONT GLAZING AREA	312.70 SF
LEFT SIDE GLAZING AREA	0.00 SF
RIGHT SIDE GLAZING AREA	0.00 SF
REAR GLAZING AREA	91.01 SF
TOTAL GLAZING AREA	403.71 SF
TOTAL GLAZING PERCENTAGE	11.84 %

W Architect Inc.
DESIGN CONTROL REVIEW

MAR 19 2015

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PICCO ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
J.G. ALVAREZ
100014328

REGISTERED PROFESSIONAL ENGINEER
J.G. ALVAREZ
100014328

client
Senator Homes

location
Vaughan

project
BATHURST 9130

marketing name
Allerton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jan-14	dec	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	th	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
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AN design
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model
TH-23

scale
3/16" = 1'0"

project #
12073

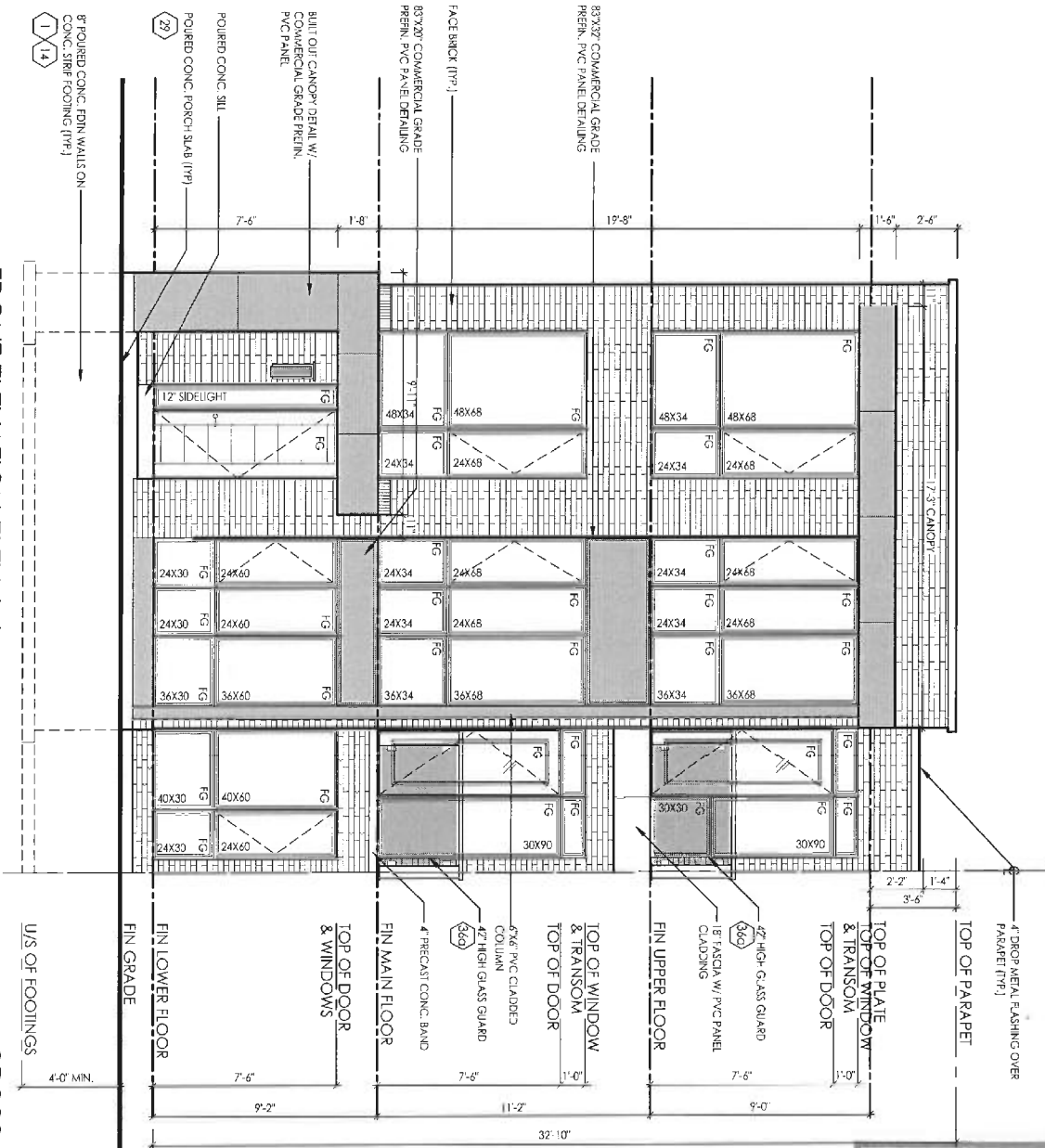
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A9

I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF AN 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

FRONT ELEVATION ELEV. 'A' (END CONDITION)



GROSS GLAZING AREA - ELEV. 'A'

	STANDARD & OPTIONAL
TOTAL PERIPHERAL WALL AREA	3433.26 SF
FRONT GLAZING AREA	332.40 SF
LEFT SIDE GLAZING AREA	56.86 SF
RIGHT SIDE GLAZING AREA	0.00 SF
REAR GLAZING AREA	91.01 SF
TOTAL GLAZING AREA	480.27 SF
TOTAL GLAZING PERCENTAGE	13.99 %

W Architect Inc.
DESIGN CONTROL REVIEW
MAR 19 2015
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I, ERIC SCHNEIDER 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: 30840 FIRM BCIN: 26995 DATE: MAR-13-15

SIGNATURE:

client
Senator Homes
project
BATHURST 9130

location
Vaughan
marketing name
Allerton

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-...-14	dec	st	5				
2	REVISED FLOOR HEIGHTS	4 Sep-14	ch	st	6				
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RN design
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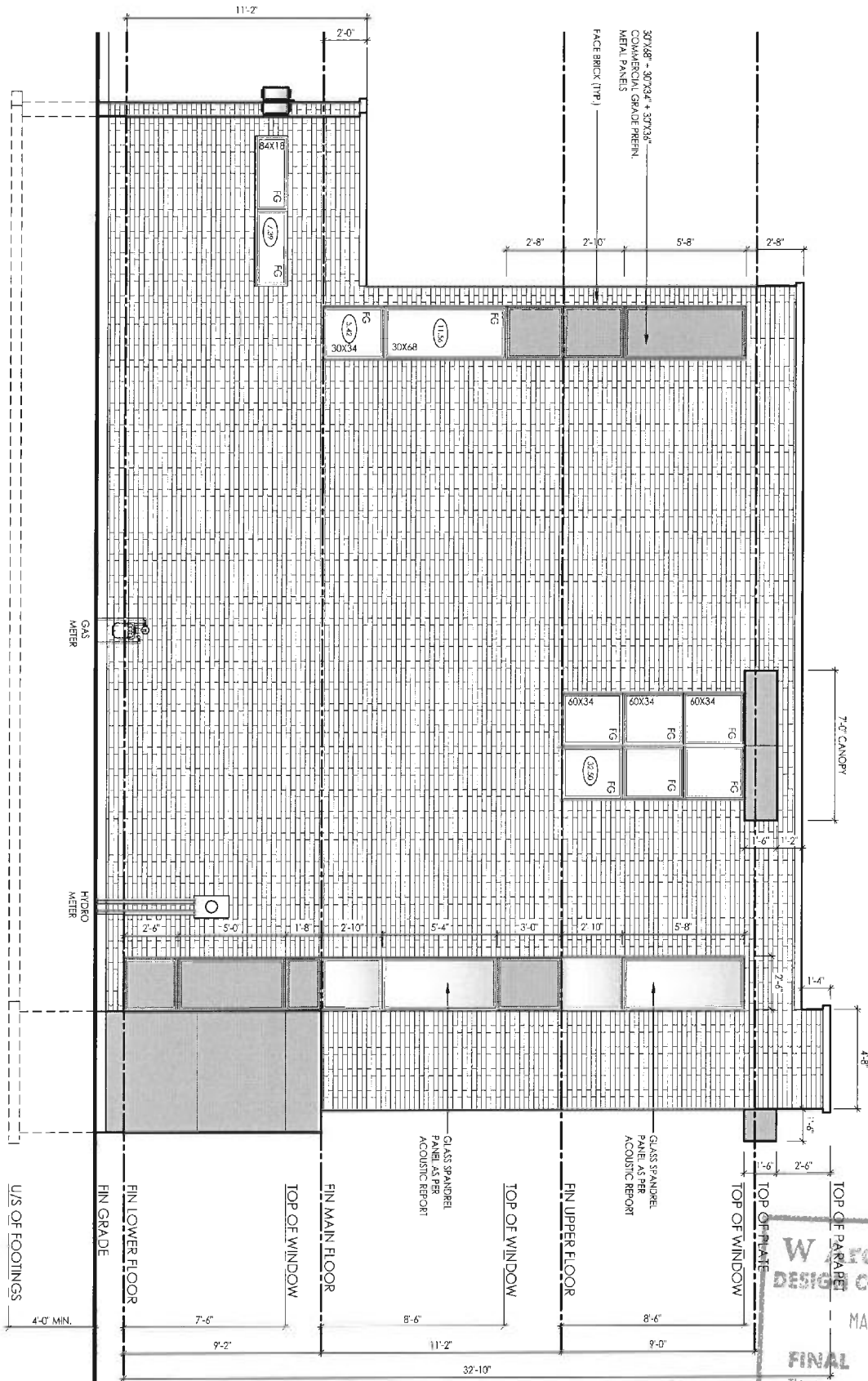
model
TH-23-1
scale
3/16" = 1'0"
project #
12073

page

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LEFT ELEVATION ELEV. 'A'
(END CONDITION)

ALLOWABLE UNPROTECTED OPENINGS	
TOTAL WALL AREA	1077.26 SF
LIMITING DISTANCE	4.0 FT
ALLOWABLE OPENINGS	75.41 SF
ACTUAL OPENINGS	56.86 SF



W Architect Inc.
DESIGN CONTROL REVIEW
MAR 19 2015
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PIECO ENGINEERING
INC. (P.E.C.)
MAR 19 2015

LICENSED PROFESSIONAL ENGINEER
J. G. ALVAREZ
100014328

I, ERIC SCHNEIDER 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: 30840
FIRM BCIN: 26895
DATE: MAR-13-15

SIGNATURE:

client
Senator Homes
project
BATHURST 9130

location
Vaughan
marketing name
Allerton

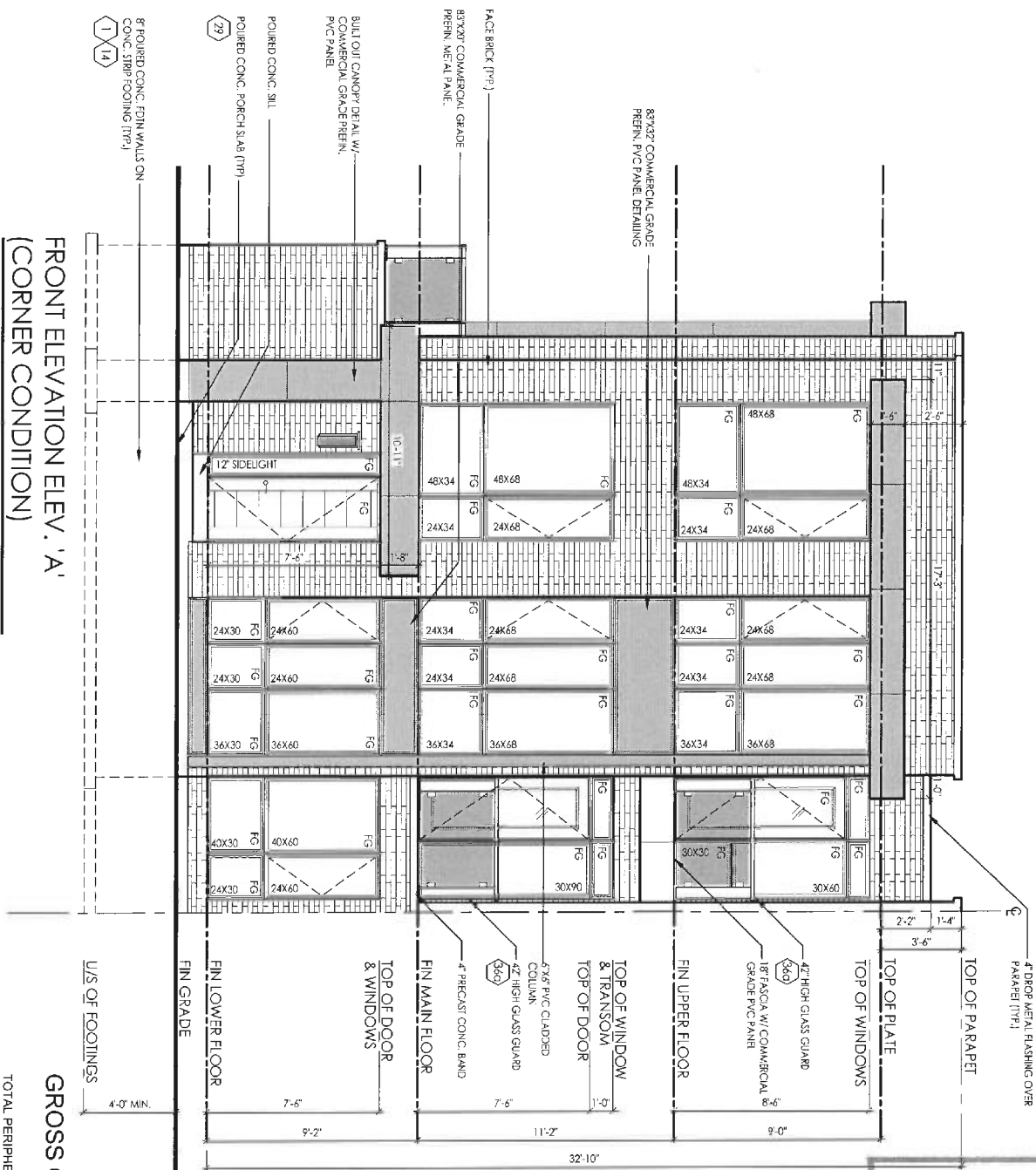
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2	REVISED FLOOR HEIGHTS	4-Sep-14	kh	sh	6				
3	ISSUED FINAL	13-Nov-15	sh	ph	7				
4					8				

RN design
Imagine Inspire Create

model
TH-23-1
scale
3/16" = 1'0"
project #
12073

page

A11



FRONT ELEVATION ELEV. 'A'
(CORNER CONDITION)

GROSS GLAZING AREA - ELEV. 'A'

STANDARD & OPTIONAL	
TOTAL PERIPHERAL WALL AREA	3473.60 SF
FRONT GLAZING AREA	332.40 SF
LEFT SIDE GLAZING AREA	94.42 SF
RIGHT SIDE GLAZING AREA	0.00 SF
REAR GLAZING AREA	91.01 SF
TOTAL GLAZING AREA	517.83 SF
TOTAL GLAZING PERCENTAGE	14.91 %

W Architect Inc.
DESIGN CONTROL REVIEW
MAR 19 2015
FINAL BY: **ACE**
This stamp is only for the purposes of design control and carries no other professional obligations.

PICCO ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
J.G. ALVAREZ
100014320

LICENSED PROFESSIONAL ENGINEER
J.G. ALVAREZ
100014320

I, ERIC SCHNEIDER (P.E.) 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

Eric Schneider

client
Senator Homes
project
BATHURST 9130

location
Vaughan
marketing name
Allerton

RN design
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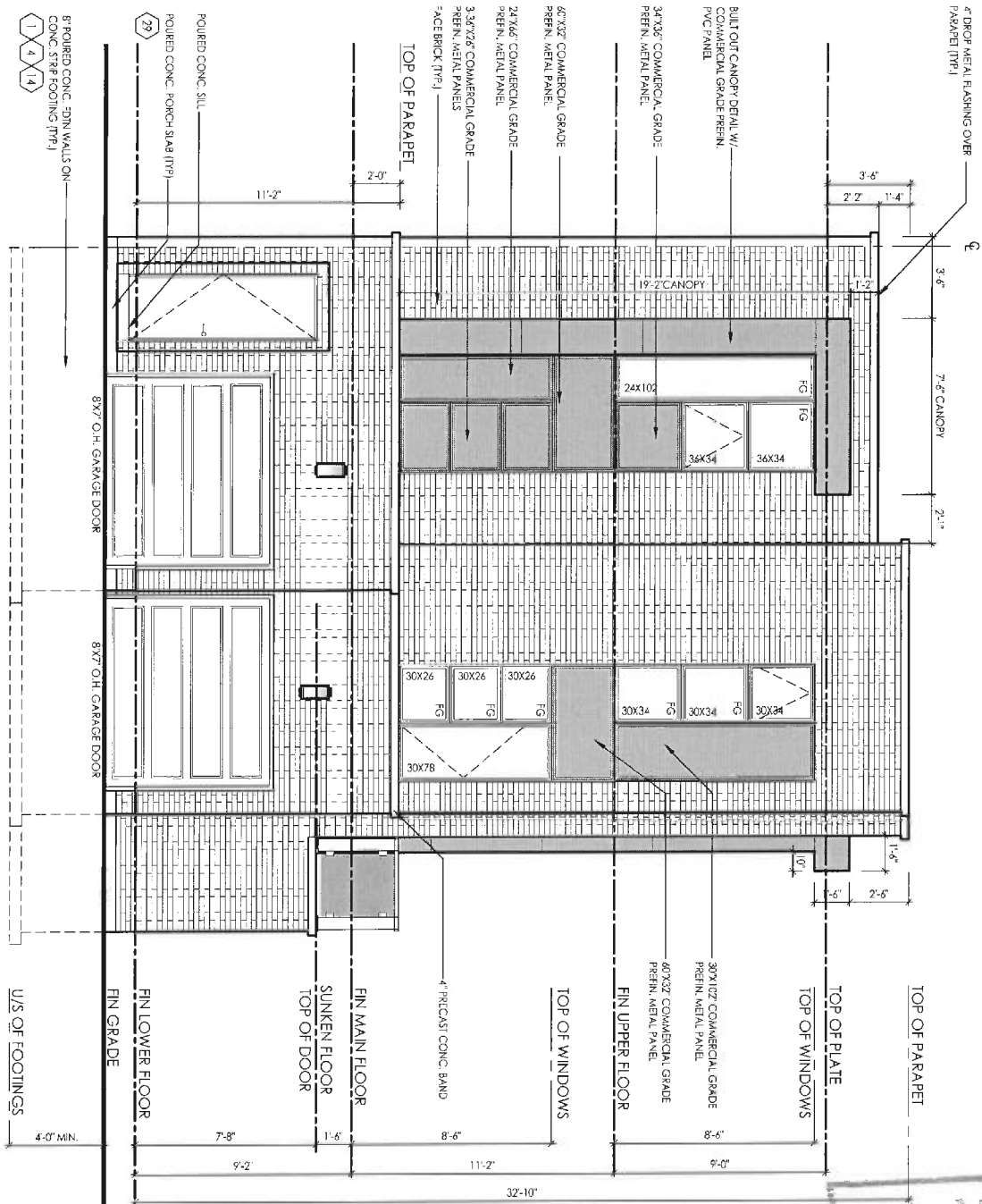
model
TH-23-1
scale
3/16" = 1'0"
project #
12073

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	23-Jun-14	dec	sh	5				
2	REVISED FLOOR HEIGHTS	15-Sep-14	rh	sh	6				
3	ISSUED FINAL	13-Nov-15	sh	sh	7				
4					8				

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REAR ELEVATION ELEV. 'A'
(CORNER CONDITION)



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PECCO ENGINEERING
Professional Engineer
MAR 17 2015

U.S. G. ALVAREZ
100014328
PROVINCIAL ENGINEER

ERIC SCHNEIDER 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15
SIGNATURE: *E. Schneider*

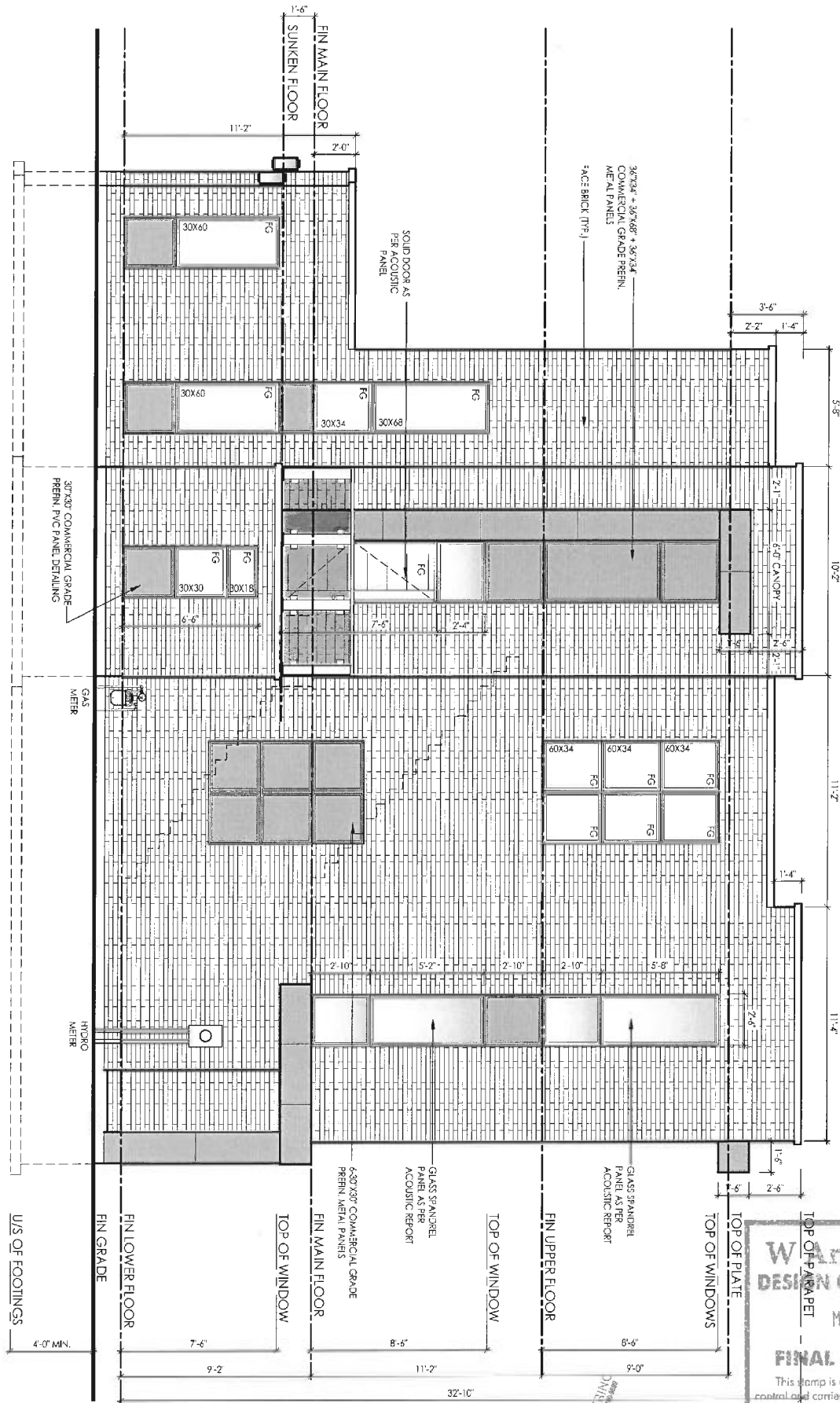
client					location				
Senator Homes					Vaughan				
project					marketing name				
BATHURST 9130					Allerton				
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	ccb	sn	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	dh	sn	6				
3	ISSUED FINAL	13-Nov-15	sn	sn	7				
4					8				

RN design
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TH-23-1
scale 3/16" = 1'0"
project # 12073

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A13

LEFT ELEVATION ELEV. 'A'
(CORNER CONDITION)



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MAR 19 2015
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PICCO ENGINEERING
MAR 13 2015
LICENSED PROFESSIONAL ENGINEER
J. G. ALVAREZ
100414328

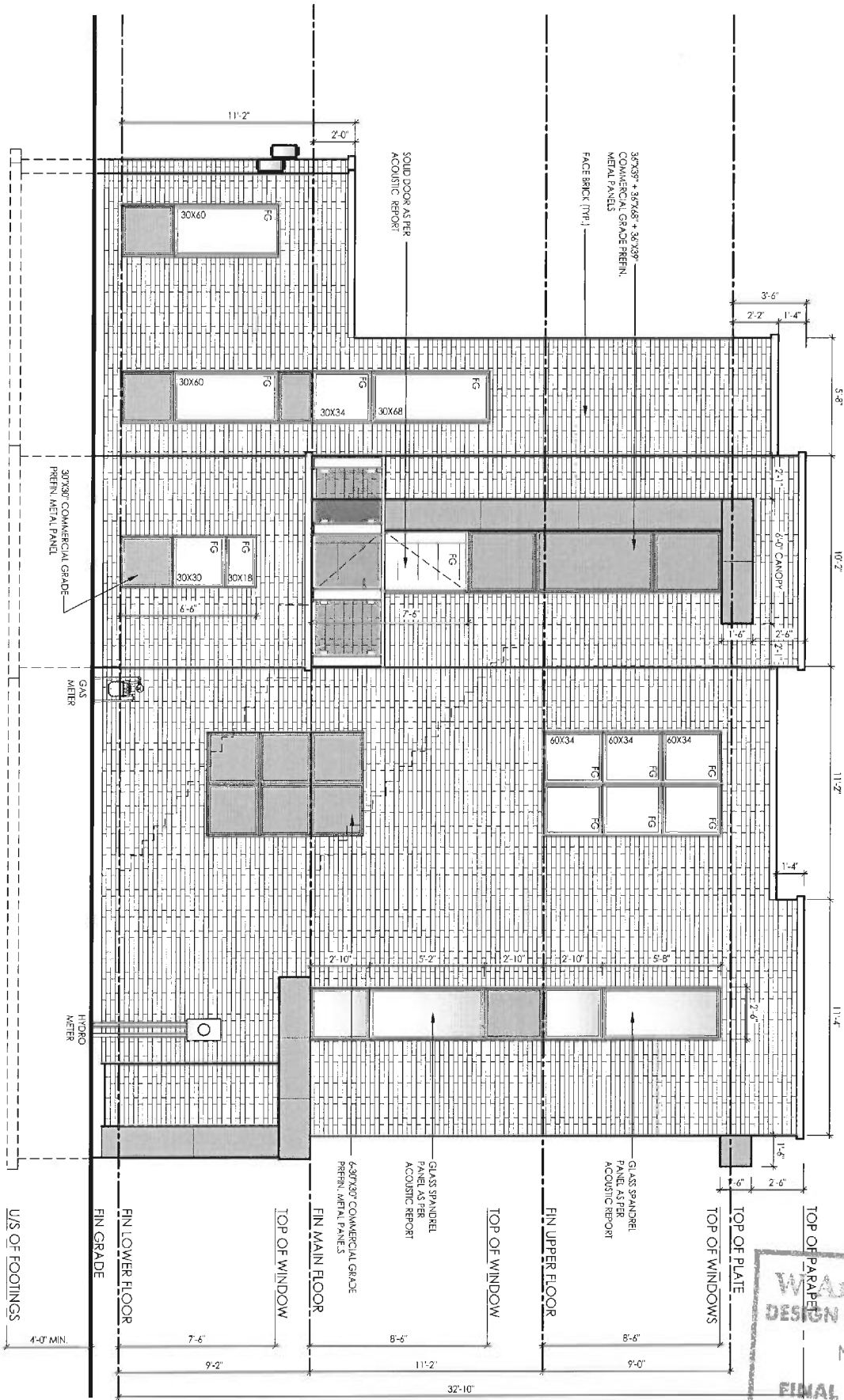
I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **RN DESIGN LTD.** UNDER DIVISION C PART 3 SUBSECTION 3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.
QUALIFIED DESIGNER BCIN: 30840
FIRM BCIN: 26995
DATE: MAR-13-15
SIGNATURE: *E. Schneider*

client Senator Homes					location Vaughan				
project BATHURST 9130					marketing name Allerton				
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jun-14	dcd	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	sh	sh	6				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				



model
TH-23-1
scale
3/16" = 1'0"
project #
12073
page
A14

LEFT ELEVATION ELEV. 'A'
(CORNER CONDITION)
OPT. MAIN FLOOR



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DESIGN CONTROL REVIEW
MAR 19 2015
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PICCO ENGINEERING
ARCHITECTURE
10001 10001

MAR 13 2015

LICENSED PROFESSIONAL ENGINEER
J. O. ALVAREZ
10001

I, ERIC SCHNEIDER DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **FN 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

client
Senator Homes
project
BATHURST 9130

location
Vaughan
marketing name
Allerton

FN design
Imagine • Inspire • Create

model
TH-23-1
scale
3/16" = 1'0"

project #
12073

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	25-Jun-14	dcb	sn	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	kh	sh	6				
3	ISSUED FINAL	13-Nov-15	sh	sh	7				
4					8				

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CONSTRUCTION NOTES:

COMPLIANCE PACKAGE J - O.B.C. 2012 - 2014 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 16" (419mm) MAX. SUPPORTED JOIST LENGTH
-MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS
-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 10,000psi (75kPa) BEARING CAPACITY
-FTG. TO HAVE CONTINUOUS KEY
-FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT)

TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

O.B.C. 9.15.3.5.
FTG. TO EXTEND MIN. 4" 0" (100mm) 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)
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)
-1 STOREY STUD - 12" X 4" (305mm X 100mm)
-2 STOREY MASONRY - 26" X 9" (650mm X 230mm)
-2 STOREY STUD - 18" X 5" (450mm X 130mm)
-3 STOREY MASONRY - 36" X 14" (900mm X 360mm)
-3 STOREY STUD - 24" X 6" (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/ 5/8" (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 DAYS - O.B.C. 9.14.4.5.
-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 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 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. 9.23.12 - 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. 9.23.3)

SLAB ON GROUND:

O.B.C. 9.16.4.3.
-3" (75mm) CONCRETE SLAB
-2200psi (15MPa) AFTER 28 DAYS - 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 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 CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. 9.23.3)

GARAGE SLAB / EXTERIOR SLAB:

O.B.C. 9.16.4.3.
-4" (100mm) CONCRETE SLAB
-4650psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.31.6.
-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.

PILASTERS:

O.B.C. 9.15.5.3.
PILASTER
-CONCRETE MIN. 4" X 12" (100mm X 300mm)
-BLOCK MIN. 4" X 12" (100mm X 300mm) BONDED & TIED TO WALL AS PER O.B.C. 9.20.11.2 TOP 7/8" (200mm) SOLID OR

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 80psf (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" X 4" X 1/4" (152mm X 100mm X 6.35mm) STEEL BTM. PLATE
-FOR WOOD BEAMS, MIN. 4" X 4" X 1/4" (100mm X 100mm X 6.35mm) STEEL TOP & 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)
COL. SPACING: FTG. SIZE
2 STOREY
-MAX. 9'-10" (2997mm) - 34" X 34" X 1/4" (860mm X 860mm X 400mm)
-MAX. 14'-0" (4267mm) - 44" X 44" X 21" (1120mm X 1120mm X 530mm)
3 STOREY
-MAX. 9'-10" (2997mm) - 40" X 40" X 1/4" (1010mm X 1010mm X 480mm)
-MAX. 14'-0" (4267mm) - 51" X 51" X 24" (1295mm X 1295mm X 610mm)
-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

WOOD COLUMN:

O.B.C. 9.17.4.1.
-5 1/2" X 5 1/2" (141mm X 140mm) SOLID WOOD COLUMN.
-ACTUAL SHOE ANCHORED TO FOOTING
-25" X 25" X 1/2" (640mm X 640mm X 30mm) CONC. PAD (1 FLOOR SUPPORTED W/ 9'-10" COL. SPACING)
-34" X 34" X 1/4" (860mm X 860mm X 36mm) 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)

2"x11"x5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK W/ 4" 1/2" 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'-4" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
-LATERAL SUPPORT PROVIDED BY ANCHORED STL. PLATE TO JOISTS.
-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C. 1.9.15.4.1 SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C. PART 4
-WALL SHALL EXTEND A MIN. 5/8" (150mm) ABOVE GRADE
-INSULATE W/ R22 (RSI 2.11) FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT (ZONE 1, O.B.C. 1.2.1.1.2.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. @ 7/8" (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. (2) (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. 9.23.3.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.1)
-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 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1, O.B.C. 1.2.1.1.2.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. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

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

O.B.C. 9.23.3. 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):

-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 MANUFACTURERS 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. 9.23.3.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.1)
-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.23.3.4)
-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" (38mm X 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL.
-2" X 4" (38mm X 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. 1.2.1.1.2.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. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

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

O.B.C. 9.23.3. 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 STUDS.
-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 MANUFACTURERS 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. 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.1)
-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" (38mm X 89mm) WOOD STUDS @ 16" (400mm) O.C.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

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

O.B.C. 9.23.3. 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 MANUFACTURERS 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 5/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SELLS 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.
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1, O.B.C. 1.2.1.1.2.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. 1.9.23.10.1. =
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

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

O.B.C. 9.23.3. 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 5/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SELLS UNDER OPENINGS, FLASHING UNDER
-1" (25mm) AIR SPACE
-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.23.3.4)
-2" X 4" (38mm X 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" (38mm X 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL.
-R14 (RSI 2.46) INSULATION (ZONE 1, O.B.C. 1.2.1.1.2.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. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

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

O.B.C. 9.23.3. 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 STUDS.
-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 5/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))
-BRICK OR STONE SELLS 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.
-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-1/2" (12.7mm) GYPSUM BOARD
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mm X 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mm X 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 SPECIFIC REVISIONS

I, ERIC SCHNEIDER 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: 30840
FRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

client
Senator Homes

project
BATHURST 9130

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-July-14	gcb	js	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	th	js	6				
3	ISSUED FINAL	13-Nov-15	sh	th	7				
4					8				

location
Vaughan

marketing name
Allerton

RN design
Imagine • Inspire • Create

model
TH-23-1

scale
3/16" = 1'0"

project #
12073

page

D1

- 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-9.8.8.5.
 - 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. 9.8.8.2. 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. 9.8.8.2.
 - VERTICAL END RAILING ANCHORED TO CORNER DOUBLE STUDS USING 3 ROWS OF 3/8" MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3' MIN. EMBEDMENT TO STUDS.
 - PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION.
- 37) -LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP
- 38) -WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR, O.B.C.- 9.32.1.3.(3)
- 39) -CAPPED DRYER VENT
- 40) -1"X2" (19mmX38mm) BOTH SIDES OF STEEL.
- 41) -WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT WITH GROUND OR FILL SHALL BE PRESSURE TREATED OR SEPARATED FROM CONCRETE W/ 6 mil POLYETHYLENE.
- 42) -PRECAST CONC. STEP
- 2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND
- 44) 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 SERVING BEDROOMS
 - ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS.
 - ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE THAT CAN POWER ALARM FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM
- 45) CARBON MONOXIDE ALARM (CMAI), 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 ACTIVATED.
- 46) -MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUI 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
- 47) -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)
- 48) -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.
 - 16" X 14" 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.
 - 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.
- 49c) **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.
- 50) **COLD CELLARS:**
- FOR COLD CELLARS PROVIDE THE FOLLOWING:
 - VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA.
 - COVER VENT W/ RUG SCREEN
 - WALL MOUNTED LIGHT FIXTURE
 - 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.(1)(d) & 3.8.3.13.(1)(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 LOADINGS 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'-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

- BEAMS MAY BE A MAX. 2" (50mm) 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 2.8 W/(m2.K)
- 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 (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 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 THAT:
- 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.

CLIENT SPECIFIC REVISIONS

SCHEDULES

- DOORS** 44x47
- 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

- WOOD BEAMS**
- WD1 3/2" X 8" SPR
 - WD2 4/2" X 8" SPR
 - 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" X 12" SPR
 - WD8 4/2" X 12" SPR

- LINTELS**
- L1 2/2" X 8" SPR
 - L2 2/2" X 10" SPR
 - L3 2/2" X 12" SPR
 - L4 3-1/2" X 3-1/2" X 1/4" L
 - L5 4" X 3-1/2" X 1/4" L
 - L6 4-7/8" X 3-1/2" X 5/16" L
 - L7 4-7/8" X 3-1/2" X 3/8" L
 - L8 4-7/8" X 3-1/2" X 1/2" L
 - L9 5-7/8" X 3-1/2" X 3/8" L
 - L10 5-7/8" X 3-1/2" X 1/2" 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
 - 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

- SMOKE ALARM 44
- WATERPROOF DUPLEX OUTLET
- VENTS AND INTAKES
- HOSE BIB
- EXHAUST FAN 36
- COLD CELLAR VENT 50
- STOVE VENT
- FIRE PLACE VENT
- DRYER VENT

PLAN/ELEVATION LEGEND

- CARBON MONOXIDE ALARM (CMAI) 45
- DOUBLE JOIST
- PRESSURE TREATED LUMBER
- GIRDER TRUSS
- ABOVE FINISHED FLOOR
- EXT. LIGHT FIXTURE (WALL MOUNTED)
- HYDRO METER
- GAS METER
- FLOOR DRAIN
- SOLID BEARING (NO BAYE WIDTH AS SUPPORTED AREA)
- POINT LOAD
- FLAT ARCH
- 2 STORY WALL
- UNDER SIDE
- FIXED GLAZING
- GLASS BLOCK
- BLACK GLASS

I, ERIC SCHNEIDER 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: 30840
FIRM BCIN: 26995
DATE: MAR-13-15

SIGNATURE:

client
Senator Homes

project
BATHURST 9130

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Jan-14	dcb	sh	5				
2	REVISED FLOOR HEIGHTS	4-Sep-14	kh	sh	5				
3	ISSUED FINAL	13-Mar-15	sh	sh	7				
4					8				

location
Vaughan

marketing name
Allerton

RN design
Imagine • Inspire • Create



model
TH-23-1

scale
3/16" = 1'0"

page

D3

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