



FRONT ELEVATION 'A'



FRONT ELEVATION 'B'

Drawing List:

- A0 TITLE SHEET
- A1 BASEMENT FLOOR ELEV. 'A'
- A2 GROUND FLOOR ELEV. 'A'
- A3 SECOND FLOOR ELEV. 'A'
- A4 PARTIAL BASEMENT FLOOR ELEV. 'B'
- PARTIAL GROUND FLOOR ELEV. 'B'
- A5 PARTIAL SECOND FLOOR ELEV. 'B'
- A6 FRONT ELEVATION 'A'
- ROOF PLAN ELEV. 'A'
- A7 RIGHT SIDE ELEVATION 'A'
- A8 REAR ELEVATION 'A' & 'B'
- A9 LEFT SIDE ELEVATION 'A'
- A10 FRONT ELEVATION 'B'
- ROOF PLAN ELEV. 'B'
- A11 RIGHT SIDE ELEVATION 'B'
- A12 LEFT SIDE ELEVATION 'B'
- D1 CONSTRUCTION NOTES
- D2 CONSTRUCTION NOTES
- D3 CONSTRUCTION NOTES
- D4 1α-1 SELF SUPPORTING STAIR LANDING

Areas:

	ELEVATION 'A'		ELEVATION 'B'	
	SF	SM	SF	SM
GROUND FLOOR PLAN	1325.4	123.1	1325.4	123.1
SECOND FLOOR PLAN	1669.9	155.1	1668.4	155.0
GROUND FLOOR PLAN OTB	()	()	(4.0)	(0.4)
SECOND FLOOR PLAN OTB	(2.7)	(0.3)	(2.7)	(0.3)
TOTAL AREA	2992.6	278.0	2987.1	277.5
COVERAGE INC PORCH	1769.3	164.4	1765.1	164.0
COVERAGE NOT INC PORCH	1717.6	159.6	1717.6	159.6

Gold Park Homes

ENCORE 2

THE SCHUMANN


I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN ON BEHALF OF **RN DESIGN LTD.** UNDER DIVISION-3.2.4 OF THE BUILDING ACT. THE FIRM IS REGISTERED.

**PRELIMINARY-NOT FOR CONSTRUCTION**

DATEOUT

SIGNATURE: \_\_\_\_\_

client					location				
Gold Park Homes					Brampton				
project					marketing name				
ENCORE 2					THE SCHUMANN				
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Sep-19	PH	JM					



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model

38-11

scale

3/16" = 1'0"

project #

19037

page

**A0**





GARAGE BEAM  
SECTION  
N.T.S.

## Gold Park Homes

Brampton

project  
ENCORE 2

marketing name  
THE SCHUMANN

[illegible]

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38-11

scale  
 $3/16'' = 1'0''$

project #  
19037

page

# A2

I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN  
DESIGN RESPONSIBILITY FOR THE DESIGN OF \_\_\_\_\_ ON BEHALF  
OF **RN DESIGN LTD.** UNDER DIVISION 3.2.4 OF SECTION 3.2.4  
OF THE BUILDING ACT 1984. THE FIRM IS  
REGISTERED AS AN ARCHITECTURAL FIRM.

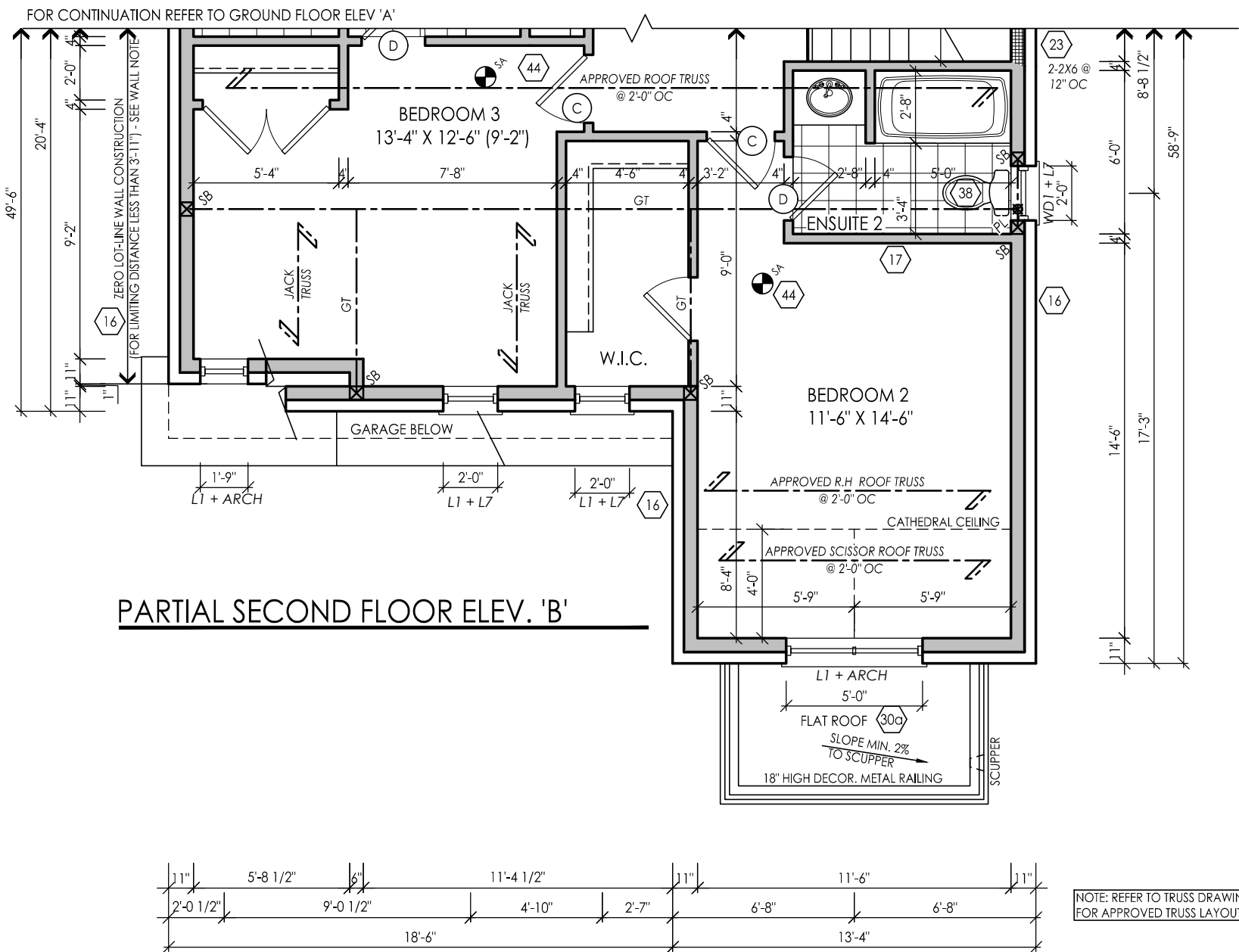
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FOR CONSTRUCTION

DATEOUT

SIGNATURE:







I, **DANIEL H. DANIEL**, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE BUILDING ON BEHALF OF **RN DESIGN LTD.** UNDER DIVISION 3.2.4 OF THE BUILDING ACT. THE FIRM IS REGISTERED IN THE PROVINCE OF ONTARIO.

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DATEOUT

SIGNATURE:

client

Gold Park Homes

location

Brampton

project

ENCORE 2

marketing name

THE SCHUMANN

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
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model  
38-11

scale  
3/16" = 1'0"

project #  
19037

page

A5





NOTE: UNLESS OTHERWISE NOTED, ROOF OVERHANGS ARE 12" STANDARD

NOTE: REFER TO FRONT ELEVATION FOR TYPICAL MATERIAL NOTATION

ALLOWABLE UNPROTECTED OPENINGS					
Total Wall Area			1130.93	S.F	105.07
Limiting Distance	3.93	FT	1.2	M	7.00
Allowable Openings			79.17	S.F	7.36
Actual Openings			77.11	S.F	7.16

RIGHT SIDE ELEVATION 'A'



clientGold Park Homes

locationBrampton

projectENCORE 2

marking nameTHE SCHUMANN

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20sep/9	PH	JM					

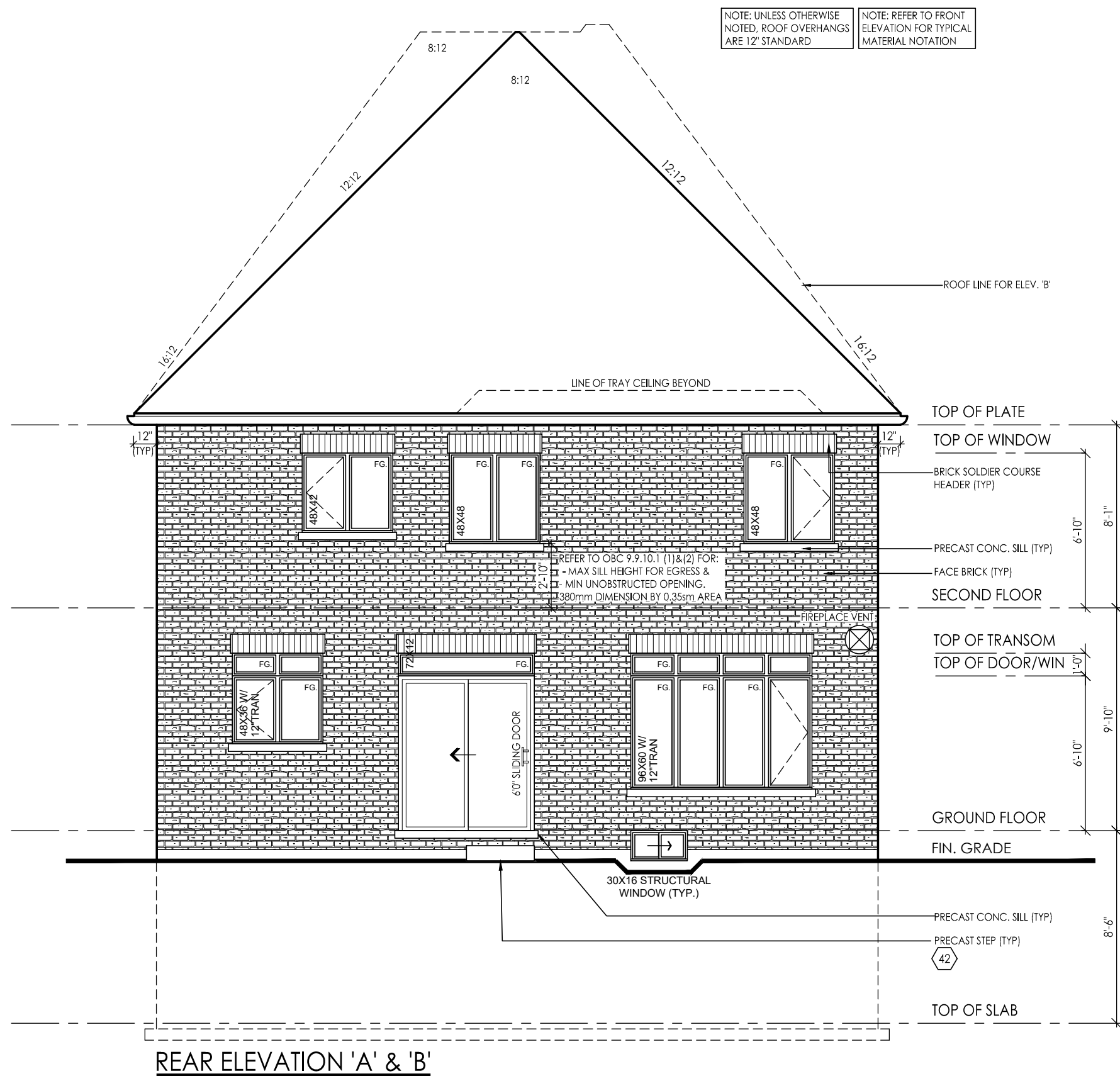
I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN ON BEHALF OF **RND DESIGN LTD.** UNDER REGULATION 3.2.4 OF THE BUILDING ACT. THE FIRM IS REGISTERED IN THE PROVINCE OF ONTARIO.

PRELIMINARY-NOT FOR CONSTRUCTION

SIGNATURE: \_\_\_\_\_

DATE/OUT: \_\_\_\_\_





NOTE: UNLESS OTHERWISE NOTED, ROOF OVERHANGS ARE 12" STANDARD

-ROOF LINE FOR ELEV. 'B'

TOP OF WINDOW

-BRICK SOLDIER COURSE  
HEADER (TYP)

- PRECAST CONC. SILL (TYP)

FACE BRICK (TYP)

## SECOND FLOOR

TOP OF TRANSOM

TOP OF DOOR/WIN

## GROUND FLOOR

FIN. GRADE

-PRECAST CONC. SILL (TYP)

- PRECAST STEP (TYP)

TOP OF SLAB

Daniel H.

# Brampton

**Project**

marketing name

## ENCORE 2

THE SCHUMANN

#

date dwn chk

7


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1


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I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN  
DESIGN RESPONSIBILITY FOR THE DESIGN ON BEHALF  
OF **RN DESIGN LTD** UNDER REGISTRATION 3.2.4  
OF THE BUILDING REGULATION 2010. THE FIRM IS  
REGISTERED WITH THE FOLLOWING REGISTRATION NUMBER: \_\_\_\_\_.

PRELIMINARY  
FOR CONSTRUCTION

SIGNATURE:



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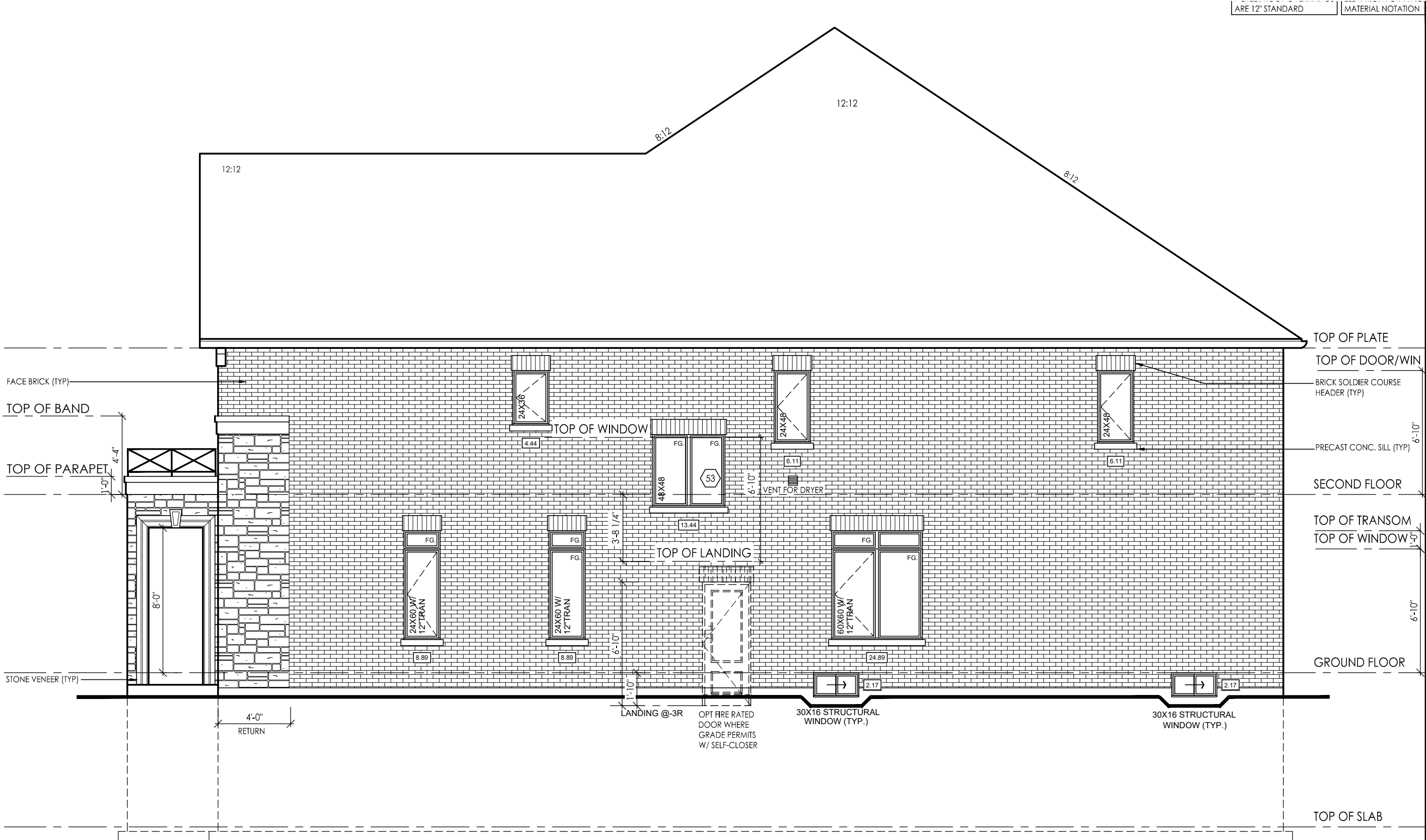


DECLARE THAT I HAVE REVIEWED AND TAKEN  
DESIGN RESPONSIBILITY FOR THE DESIGN  
OF **RN DESIGN LTD** UNDER PART 2 OF THE BUILDING  
REGULATIONS 2010. THE FIRM IS  
REGISTERED WITH THE ARCHITECTS  
REGISTRATION BOARD.

**PRELIMINARY-NOT  
FOR CONSTRUCTION**

DATE/OUT





FACE BRICK (TYP)

TOP OF BAND

TOP OF PARAPET

STONE VENEER (TYP)

4'-0"  
RETURN

RIGHT SIDE ELEVATION 'B'

ALLOWABLE UNPROTECTED OPENINGS					
Total Wall Area			1130.93	S.F	105.07
Limiting Distance	3.93	FT	1.2	M	7.00
Allowable Openings			79.17	S.F	7.36
Actual Openings			77.11	S.F	7.16

ARE 12" STANDARD

MATERIAL NOTATION

model  
38-11  
scale  
3/16" = 1'0"  
project #  
19037



page

A11

location  
Brampton

marketing name  
THE SCHUMANN

client  
Gold Park Homes

project  
ENCORE 2

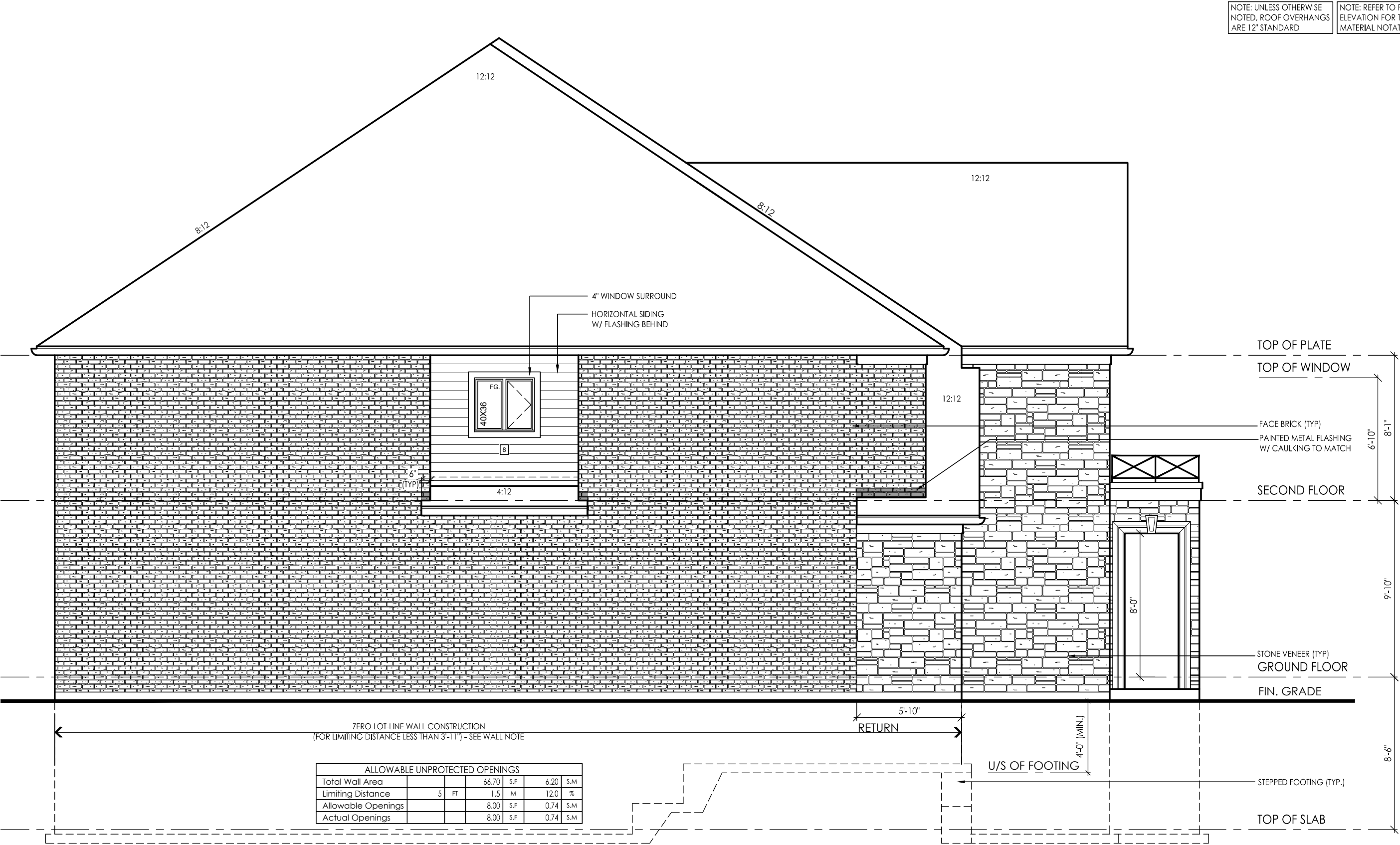
#	ISSUED FOR CLIENT REVIEW	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1			20sep-19	PH	JM					

I, **THE SCHUMANN**, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN ON BEHALF OF **THE SCHUMANN** LTD. UNDER REGULATION 3.2.4 OF THE BUILDING ACT 1984. THE FIRM IS REGISTERED WITH THE BUILDING REGULATOR.

**PRELIMINARY-NOT FOR CONSTRUCTION**

DATEOUT

SIGNATURE:



LEFT SIDE ELEVATION 'B'

NOTE: UNLESS OTHERWISE NOTED, ROOF OVERHANGS ARE 12" STANDARD

NOTE: REFER TO FRONT ELEVATION FOR TYPICAL MATERIAL NOTATION

client		location							
Gold Park Homes		Brampton							
project		marketing name							
ENCORE 2		THE SCHUMANN							
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Sep-19	PH	JM					

I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN ON BEHALF OF **RN DESIGN LTD.** UNDER PROFESSIONAL REGULATION 3.2.4 OF THE BUILDING ACT. THE FIRM IS REGISTERED IN THE PROVINCE OF ONTARIO.

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SIGNATURE: \_\_\_\_\_  
DATE/OUT



CONSTRUCTION NOTES:

COMPLIANCE PACKAGE A1 - OBC 2012 - 2017 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. 9.15.3.5.  
-BASED ON 16'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH  
-MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS  
-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. 10.9psi (75kPa) BEARING CAPACITY  
-FTG. TO HAVE CONTINUOUS KEY  
-FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT)  
-REFER TO WORKING DRAWINGS FOR SPECIFIC SIZES THAT MAY SUPERSEDE NOTES #1 & #2 FOR FOOTING SIZES

TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

O.B.C. 9.15.3.5.  
-FTG. TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE  
BRICK VENEER -1 STOREY -13" X 4" (330mm X 100mm)  
-2 STOREY -19" X 6" (485mm X 155mm)  
-3 STOREY -26" X 9" (660mm X 230mm)

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" (650mmX 230mm)  
-2 STOREY STUD -18" X 5" (450mm X 130mm)  
-3 STOREY MASONRY -36" X 14" (900mm X 360mm)  
-3 STOREY STUD -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 7/8" (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. 9.16.4.5.  
-DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.  
-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS  
-4" (100mm) OF COURSE GRANULAR MATERIAL  
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.  
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO 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 (OBC SB-12 - 3.1.1.7 (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:

-3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3.  
-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.  
-DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.  
-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS  
-R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (600mm) OF GRADE. (OBC SB-12 3.1.1.7.(6))  
-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.

PILASTERS:

O.B.C. 9.15.5.3.  
PILASTER  
-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.  
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 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" X 4" X 1/4" (152mmX 100mmx 6.35mm) STEEL BTM. PLATE  
-FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP & 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 16"  
(860mmX 860mmX 400mm)  
-MAX. 16'-0" (4880mm) -44" X 44" X 21"  
(1120mmX 1120mmX 530mm)  
3 STOREY  
-MAX. 9'-10" (2997mm) -40" X 40" X 19"  
(1010mmX 1010mmX 480mm)  
-MAX. 16'-0" (4880mm) -51" X 51" X 24"  
(1295mmX 1295mmX 610mm)  
-WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS

WOOD COLUMN:

OBC 9.17.4.1 , 9.17.4.2, & 9.17.4.3.  
-5 ½" x 5 ½" (140mm x 140mm) SOLID WOOD COLUMN - OR  
-3-2"x6" (38mm x 140mm) BUILT UP COLUMN NAILED TOGETHER W/ 3" (76mm) NAILS SPACED NOT MORE THAN 12" (300mm) APART OR BOLTED TOGETHER W/ 3/8"(9.52mm) DIA BOLTS SPACED AT 18" (450mm) O.C.  
-WRAP COLUMN BASE W/ 6 MIL POLY  
-COLUMN TO SIT DIRECTLY ON CONC PAD (NOT ON CONC SLAB)  
-25"x25"x12" (640mm x 640mm x 300mm) CONC PAD (1 FLOOR SUPPORTED W/ 9'-10" COL SPACING)  
-34"x34"x14" (860mm x 860mm x 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)

-12"X11"X 5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK WITH 2- 1/2"Ø 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'-1 1/2" (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.- T.9.15.4.2.A SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.- PART 4  
-WALL SHALL EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE  
-INSULATE W/ R20 (RSI 3.52) CONTINUOUS INSULATION FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT (ZONE 1 OBC SB-12 T.3.1.1.2.A.)  
- ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76)RIGID INSULATION W/ 2"x4"(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION  
-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'-1 1/2" (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 & WATERPROOFING:

-DAMP PROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2.  
-WHERE INSULATION EXTENDS TO MORE THAN 2'-1 1/2" (900mm) BELOW GRADE, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4)  
-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING FROM SLAB TO GRADE LEVEL & SHALL CONFORM TO O.B.C. 9.13.2.6.(2)(b)  
-WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. 9.13.3.  
-WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMPPROOFING.

FOUNDATION WALLS @ UNSUPPORTED OPENINGS:

-2-20M BARS IN TOP PORTION OF WALL (UP TO 8'-0" OPENING)  
-3-20M BARS IN TOP PORTION OF WALL (8'-0" TO 10'-0" OPENING)  
-4-20M BARS IN TOP PORTION OF WALL (10'-0" TO 15'-0" OPENING)  
-BARS STACKED VERTICALLY AT INTERIOR FACE. APPROX 4" TO 6" APART.  
-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. OBC SB-12 T.3.1.1.2.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):

-REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:  
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).  
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. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL.  
-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS.  
-R14 (RSI 2.46) INSULATION  
-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-COMBUSTABLE 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-COMBUSTABLE 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. OBC SB-12 T.3.1.1.2.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. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR  
-CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL  
-R14 (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.

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  
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-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  
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-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.  
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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

ONTARIO REGULATION 332/12 OBC. AMMENDMENT O. REG. 139/17 JAN 1, 2018

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I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT ON BEHALF OF **RN DESIGN LTD.** UNDER THE REGISTRATION NO. \_\_\_\_\_ OF THE BUILDING ACT, 1991. THE FIRM IS REGISTERED WITH THE REGISTRY OF PROFESSIONAL ENGINEERS.

PRELIMINARY-NOT FOR CONSTRUCTION

DATEOUT

SIGNATURE:

client

Gold Park Homes

project

ENCORE 2

#	revisions	date	dwn	chk	#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	20-Sep-19	PH	JM					

location

Brampton

marketing name

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model

38-11

scale

3/16" = 1'0"

project #

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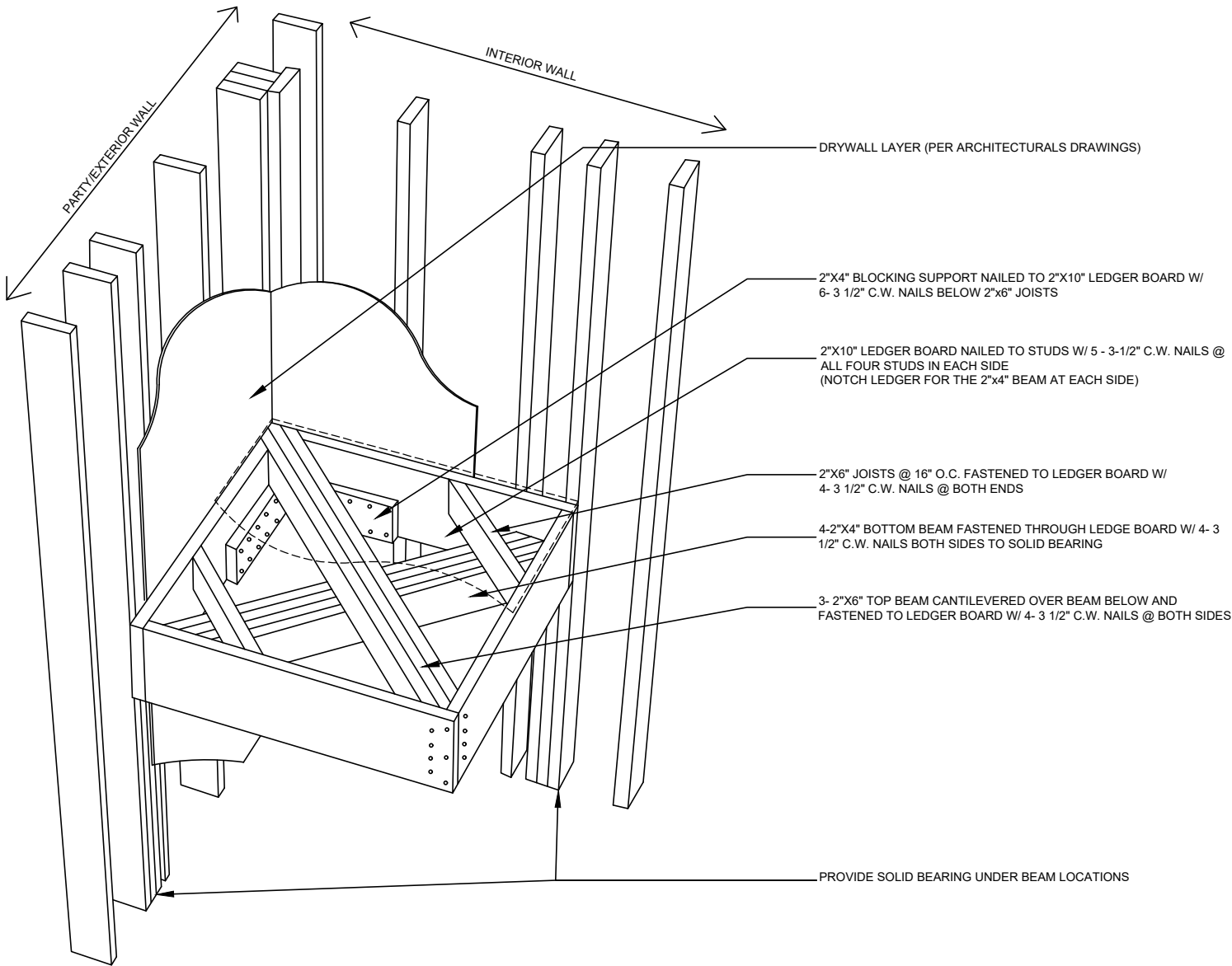
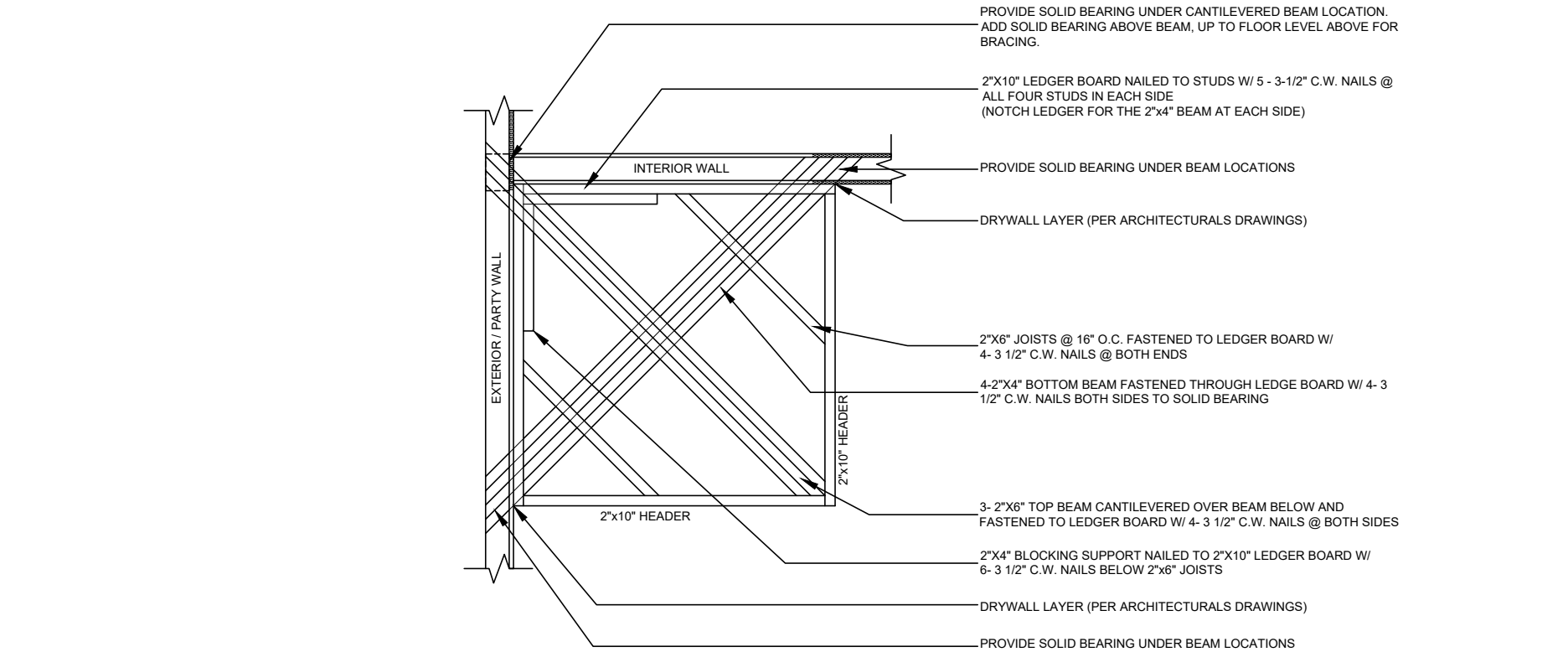
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SELF SUPPORTING STAIR LANDING  
SCALE: 1/2" = 1'-0"      PACKAGE: N/A  
MINIMUM REQUIREMENTS: FFR= N/A, STC = N/A

I, \_\_\_\_\_, DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN OF THIS DRAWING ON BEHALF OF **RN DESIGN LTD.** UNDER DIRECT INSTRUCTIONS FROM THE ARCHITECT. I AM A REGISTERED PROFESSIONAL ENGINEER IN THE PROVINCE OF ONTARIO, CANADA.

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SIGNATURE:

client					location										
Gold Park Homes					Brampton										
project					marketing name										
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scale	3/16" = 1'0"	19037

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