

Drawing List:

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A1 BASEMENT FLOOR ELEV. 'B'

A2 OPTIONAL GROUND FLOOR ELEV. 'B'

A3 MAIN FLOOR PLAN ELEV. 'B' - BLK 160

A4 SECOND FLOOR PLAN ELEV. 'B' - BLK 160

A5 FRONT ELEVATION 'B'

A6 RIGHT SIDE ELEVATION 'B'

A7 REAR UPGRADE ELEVATION 'B'

A8 LEFT SIDE ELEVATION 'B'

A9 TYPICAL CROSS SECTION - 3 STOREY (BRICK)

D1 CONSTRUCTION NOTES

D2 CONSTRUCTION NOTES

D3 CONSTRUCTION NOTES

Areas:

	ELEVATION 'B'			
	SF	SM		
GROUND FLOOR	763.5	70.9		
MAIN FLOOR	1344.7	124.9		
SECOND FLOOR	1342.2	124.7		
TOTAL AREA	3450.4	320.5		
COVERAGE INC PORCH	1407.1	130.7		
COVERAGE NOT INC PORCH	1349.6	125.4		

Gold Park Homes ENCORE 2

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I, DANIEL HANNINEN 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.

CATEGORIES.

QUALIFIED DESIGNER BCIN: 20888
FIRM BCIN: 26995
DATE: 01-FEB-21

SIGNATURE:

Gold Park Homes								Brampton		
project marketing name ENCORE 2									me	
#	revisions	date	dwn	chk	#	revisions	date	dwn	chk	
1	ISSUED FOR CLIENT REVIEW	21-DEC-20	EO	DJH						
2	REVISED TO OPTIONAL GROUND PLAN AS PER CLIENT REQUEST	05-JAN-21	DJH	DJH						
3	ISSUED FOR PERMIT	01-FEB-21	DJH	DJH						

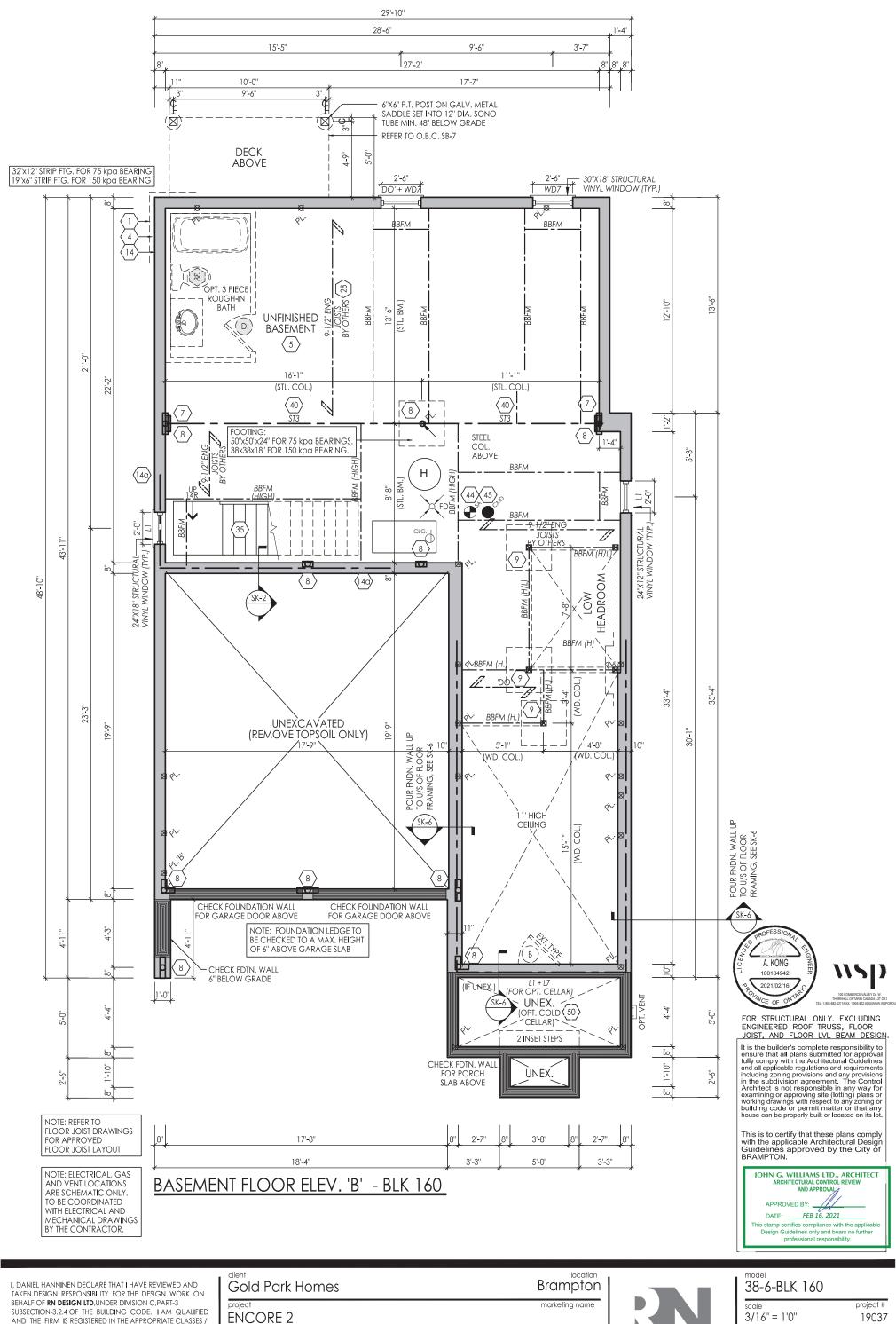


38-6-BLK 160 scale 3/16" = 1'0"

project #

19037





AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES. QUALIFIED DESIGNER BCIN: FIRM BCIN: 26995 DATE: 01-FEB-21 Call (

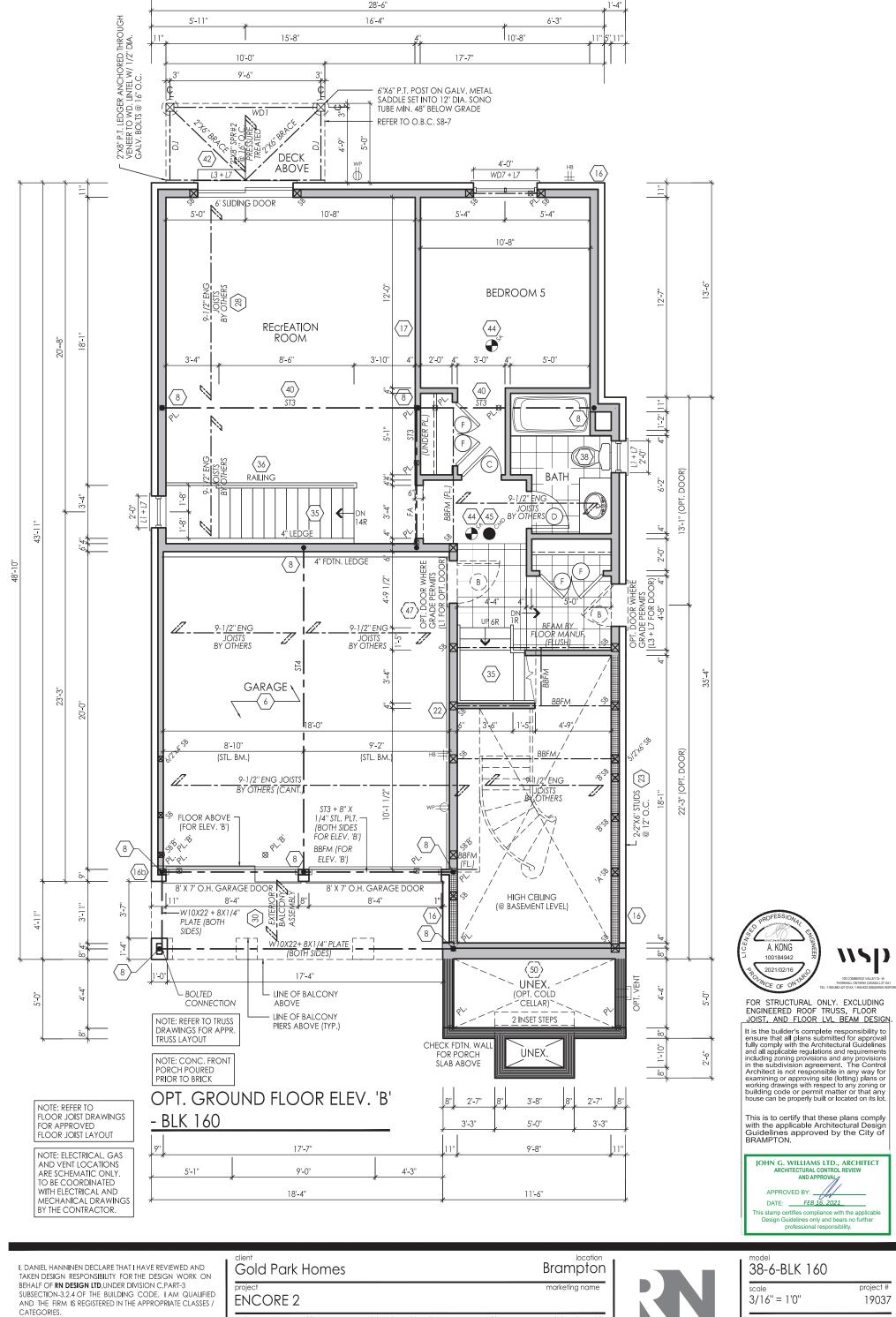
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project marke								marketing name		
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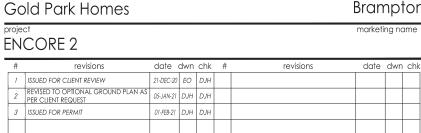




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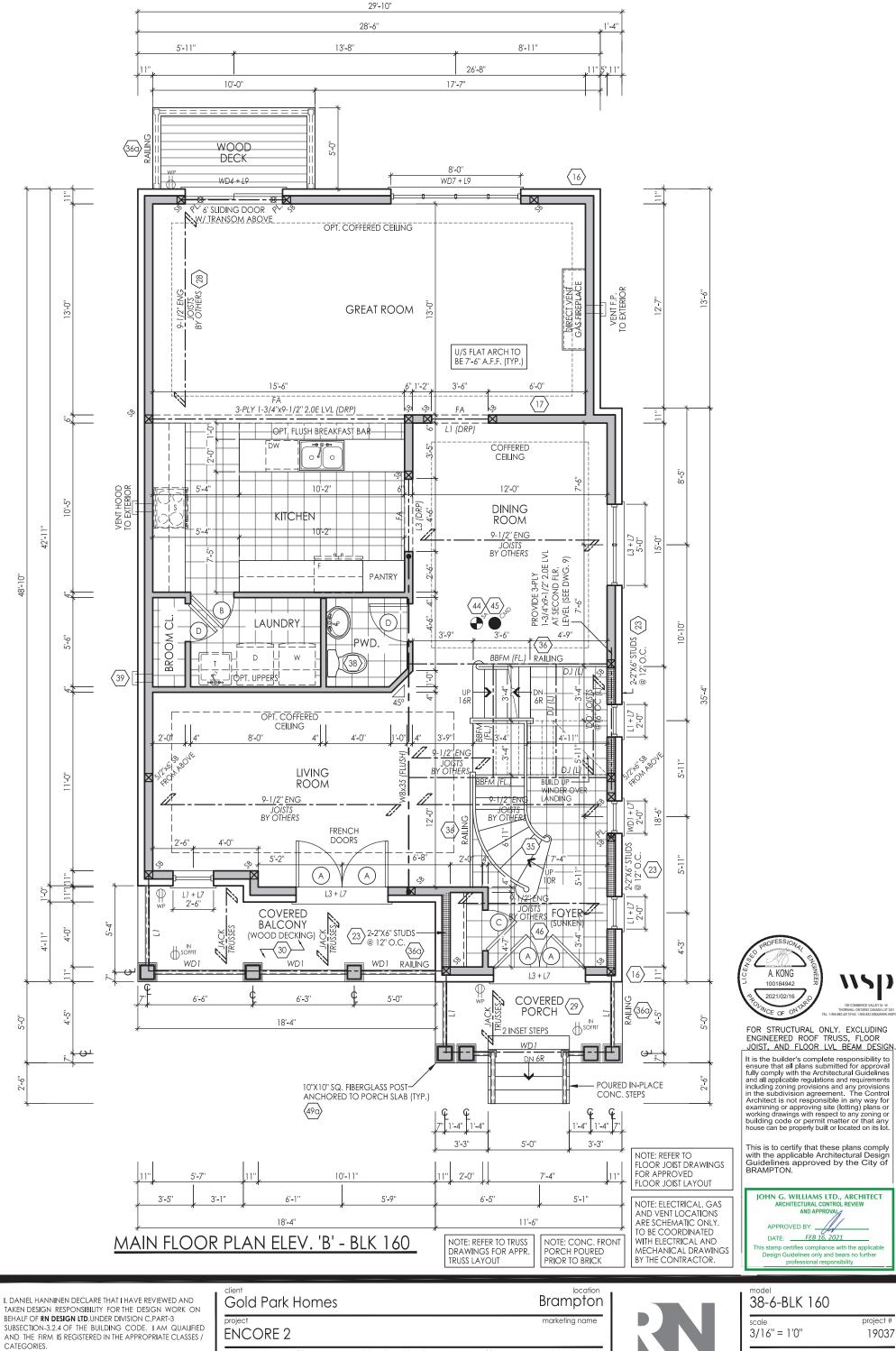
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01-FEB-21 Call ! SIGNATURE:



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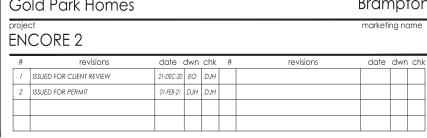
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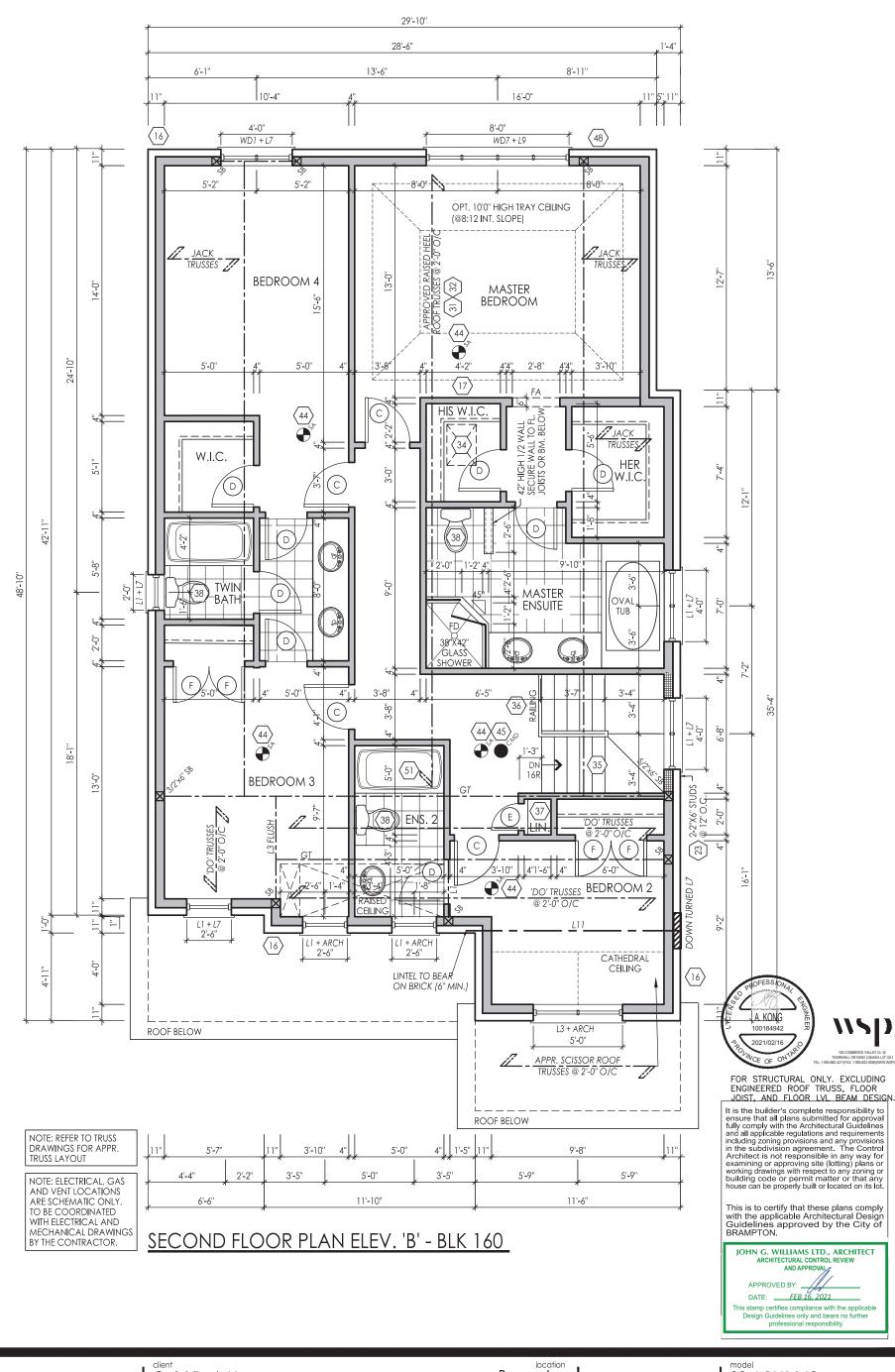
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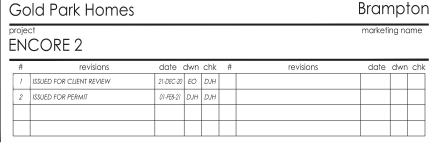




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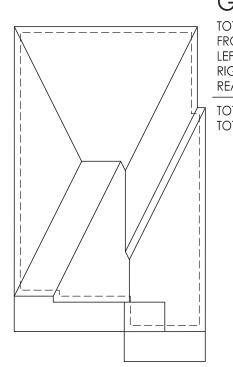






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model 38-6-BLK	160
scale 3/16" = 1'0"	project # 19037
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ROOF PLAN 'B'

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'.

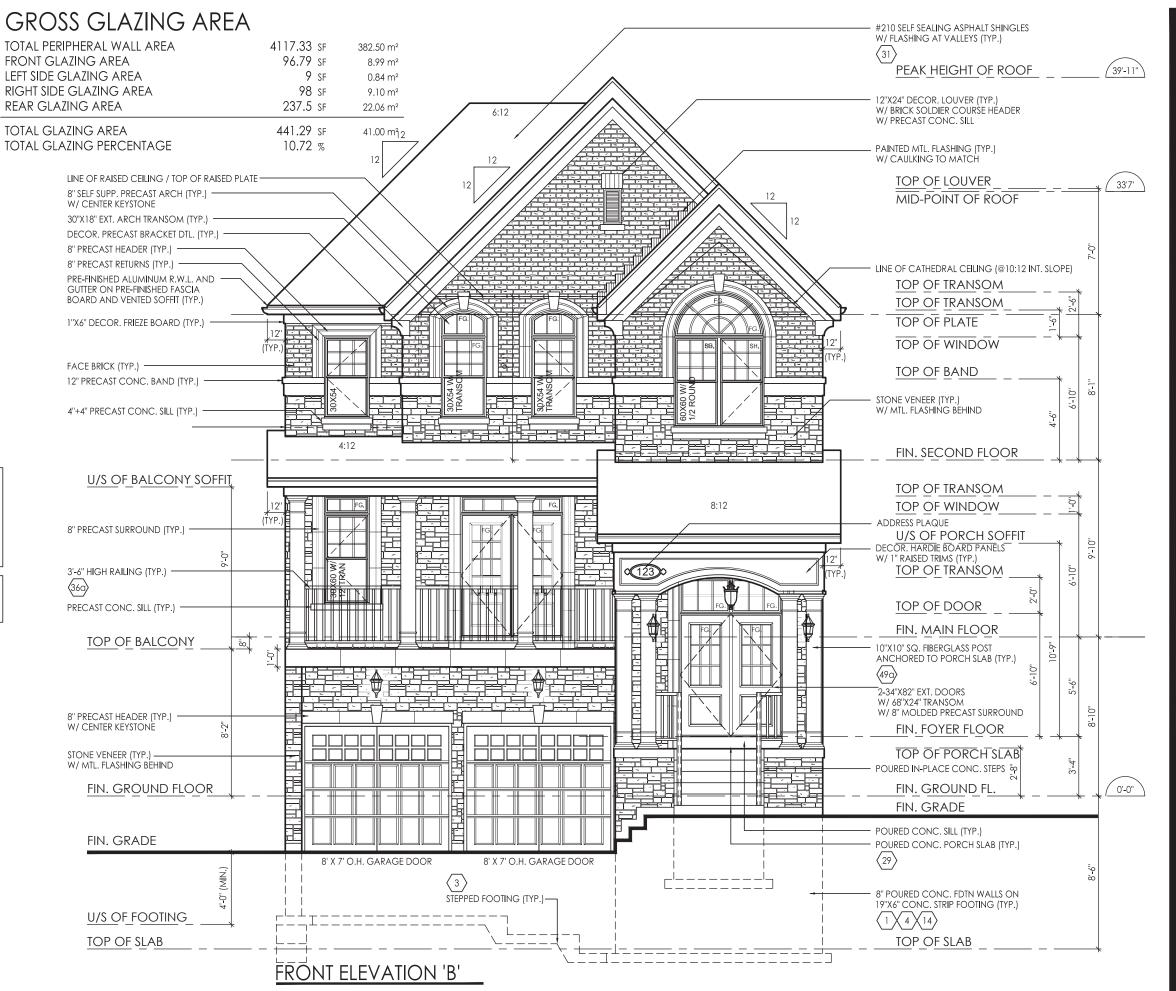
NOTE: REFER TO TRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT

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

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JOHN G. WILLIAMS LTD., ARCHITECT DATE: FEB 16, 2021 Design Guidelines only and bears no further

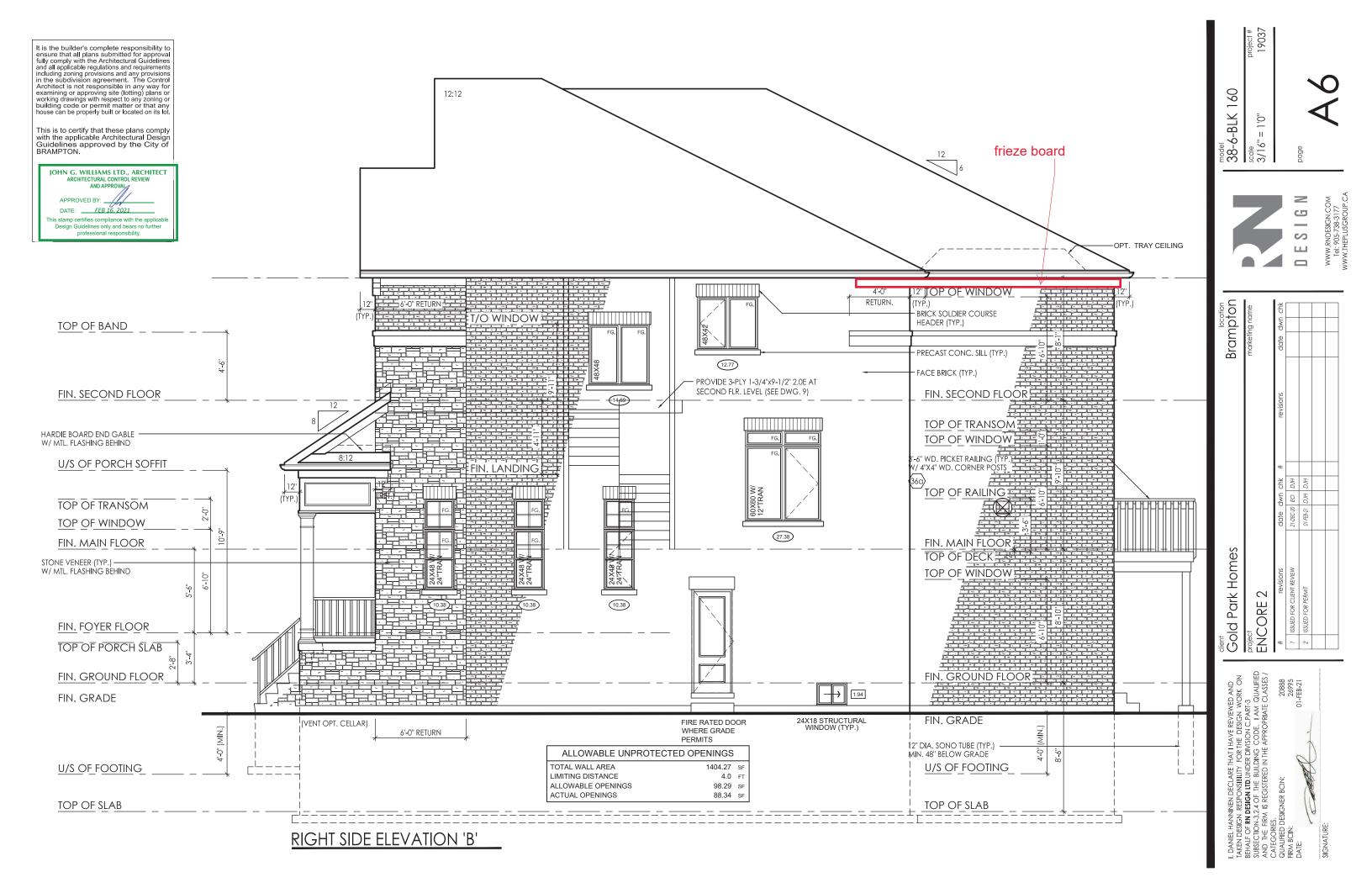


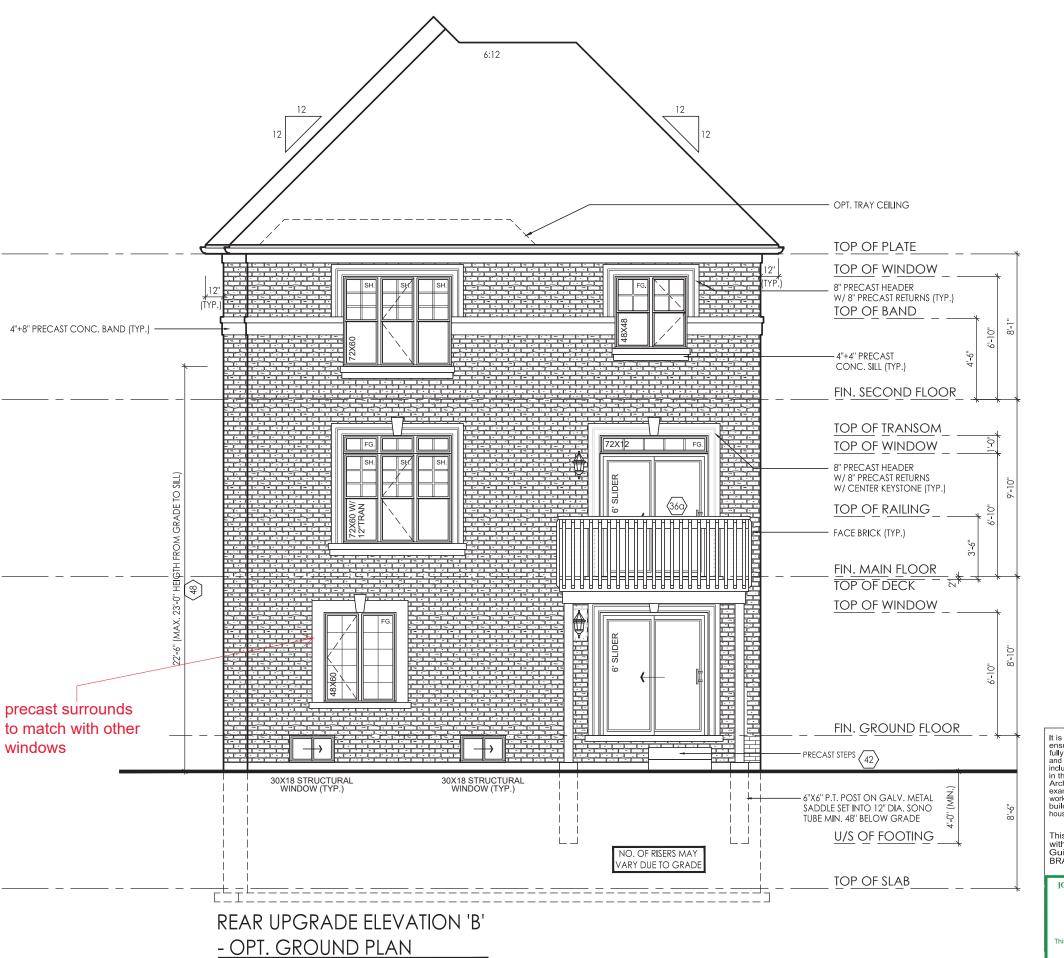
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Brampton Homes Park Gold





Gold Park Homes
Project
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38-6-BLK 160 scale 3/16" = 1'0"

Brampton

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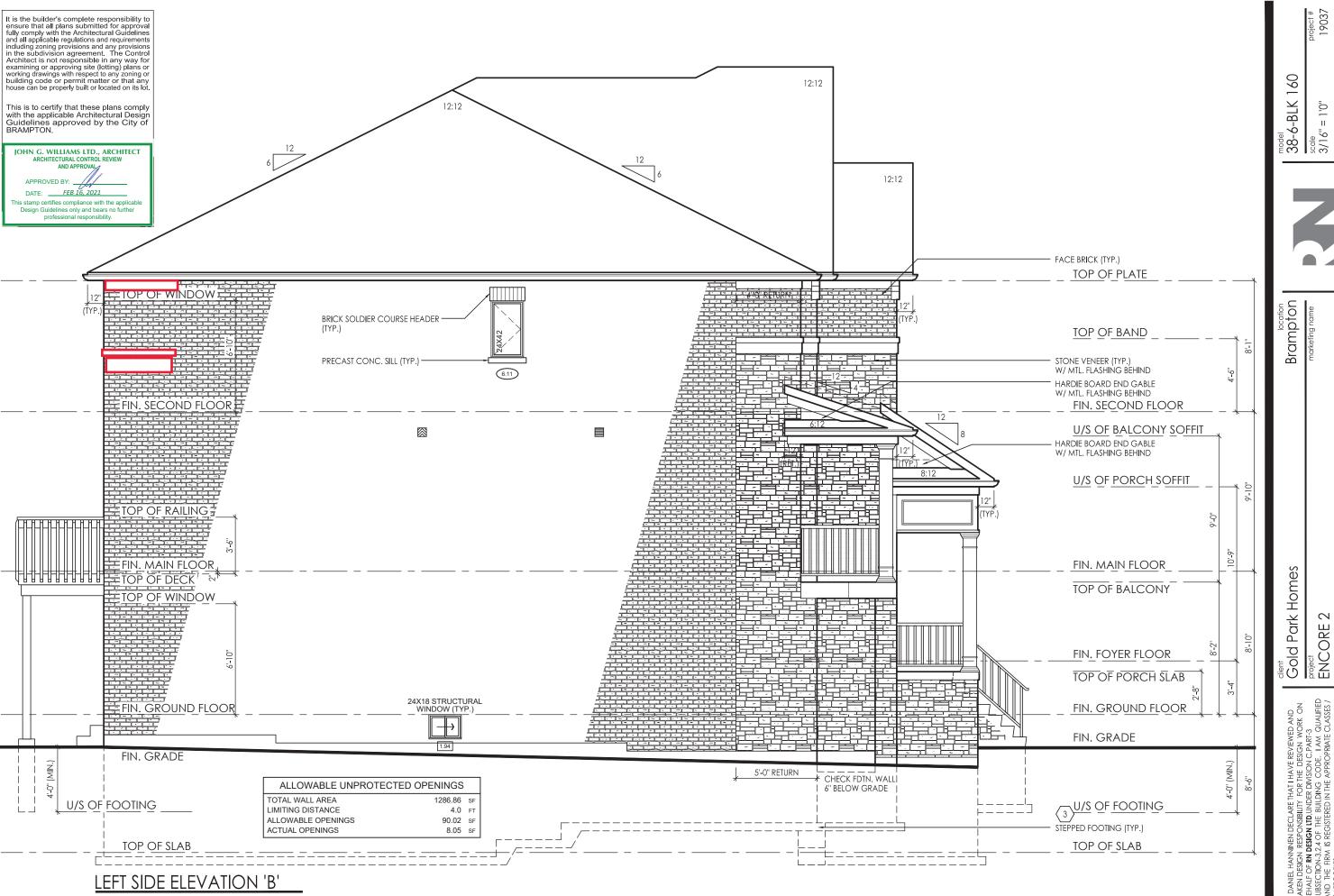
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FRM BCIN: 28995

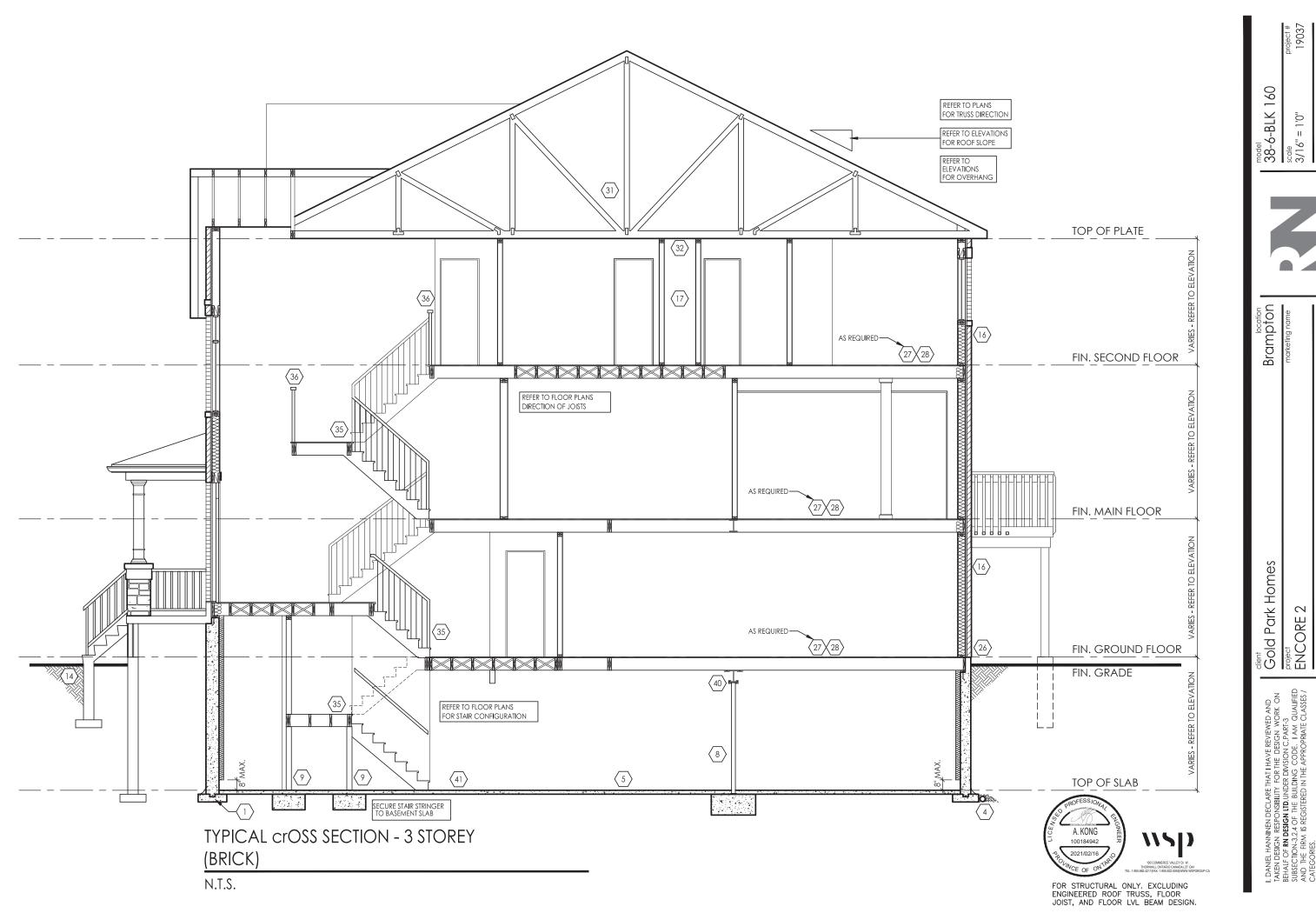


Gold Park project ENCORE ETHATI HAVE REVIEWED AND Y FOR THE DESIGN WORK ON IDER DIVISION C,PART-3 ILDING CODE. I AM QUALIFIED IN THE APPROPRIATE CLASSES /

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Brampton Gold Park Homes

COMPLIANCE PACKAGE A1 - OBC 2012 - 2020 ENACTMENT (9) WOOD COLUMN:

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'-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

1 TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

-FTG. TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE -1 STOREY - 13" X 4" -2 STOREY - 19" X 6" (485mm X 155mm)

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

2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)

O.B.C. 9.15.3.6. -1 STOREY MASONRY -1 STOREY STUD -2 STOREY MASONRY - 12" X 4" -2 STOREY STUD -3 STOREY MASONRY -3 STOREY STUD

(305mm X 100mn - 26" X 9" (650mmX 230mr - 18" X 5" (450mm X 130m (900mm X 360m - 24" X 8" (600mm X 200n

(410mm X 100mm)

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

4 DRAINAGE TILE OR PIPE:

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

5 BASEMENT SLAB:

O.B.C. 9.13. & 9.16.

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

-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

-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.

$\langle 7 \rangle$ PILASTERS:

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

BEAM POCKET

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

STRUCTURAL COLUMNS SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM

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

8 STEEL PIPE COLUMN:

O.B.C. 9.15.3.4. & 9.17.3. -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

6-50nm) STEEL DIM: 1 EAT.
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.) FTG SIZE:

COL. SPACING:

- 34" X 34" X 16" -MAX. 9'-10" (2997mm)

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

- (860mmX 860mmX 400mm)

. 44" X 44" X 21"

3 STOREY

- (1120mmX 1120mmX 530mm)

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

40" X 40" X 19"

- (1010mmX 1010mmX 480mm)

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

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SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED

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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

♦ CLIENT SPECIFIC REVISIONS

AMMENDMENT O. REG. 88/19 JAN 1, 2020

OBC 9.17.4.1, 9.17.4.2, & 9.17.4.3.

-5 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " (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)

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

-2"X8"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.C. -2 AO 1/2 LEDGER BOAND PASIENED W/2 / 1/2 ANCHOR BOLTS @ -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

WALL ASSEMBLIES:

O.B.C. 9.15.4.2

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

T-FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT.

8" (200mm) SOLID 2200psi (15MPa) CONCRETE

6" AMAX. UNSUPPORTED HEIGHT OF 3-11" (1200mm) & MAX. SUPPORTED HEIGHT

10" J-FOR WALLS NOT EXCEEDING 9'-0" (2750mm) IN LATERALLY SUPPORTED HEIGHT.

Letter (250mm) SOLID 2200psi (15MPa) CONCRETE

O O -MAX. UNSUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 6'-6" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.

O -LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS.

CONFORMANCE TO O.B.C.-T.9.15.4.2.A SHALL BE USED OR IT SHALL BE DESIGNED

CONFORMANCE TO O.B.C.- 1.9.15.4.2.A SHALL BE USED ON IT STIALL BE DESIGNATED BY UNDER O.B.C.- PART 4

O-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/

 $2^\prime\text{x4}^\prime(38\text{mm}~\text{X}~89\text{mm})$ 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

-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

DAMPPROOFING & WATERPROOFING:

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

-WHERE INSULATION EXTENDS TO MORE THAN 2'-11" (900mm) BELOW GRADE A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4)

C.I.O.: 7.14-2.1.12 (3) (4) (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.

$\overline{\left(15\right)}$ 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. 9.23.16. -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

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

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

-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 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.

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

-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. &

-1/2" (12.7mm) GYPSUM BOARD

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

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

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

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD. -REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sg.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).

-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

(15b) FRAME WALL CONSTRUCTION @ GARAGE:

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

FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

-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

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

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

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

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

BRICK VENEER CONSTRUCTION:

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

-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C VERTICAL SPACING

-PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING

MEMBRANE (O.B.C. 9.20.13.6.(2))

-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER -1" (25mm) AIR SPACE -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" (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.

-1/2" (12.7mm) GYPSUM BOARD

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

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

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS:
-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/sq.m

-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. 160 ALTERNATE BRICK VENEER CONSTRUCTION:

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

-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX, 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

-BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE -brick or stone sills under openings, flashing under

-1" (25mm) AIR SPACE -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C.

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR

-CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL -R14 (RSI 2.46) INSULATION -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

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

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

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

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

-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. (16b) BRICK VENEER CONSTRUCTION @ GARAGE:

location

Brampton

marketing name

3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT

STRAPS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

-BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2))

-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

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

-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. 1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =

-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE

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

page

Gold Park Homes

date dwn chk revisions revisions date dwn chk ISSUED FOR CLIENT REVIEW ΕO

DESIGN WWW.RNDESIGN.COM Tel: 905-738-3177

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38-6-BLK 160 scale 3/16" = 1'0"

project #

19037

SIGNATURE:

QUALIFIED DESIGNER BCIN: FIRM BCIN: 01-FEB-21

ENCORE 2

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

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

17 INTERIOR STUD WALLS:

O.B.C. T.9.23.10.1 O.B.C. 1.7.23.10.11

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

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

- DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE

-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.

18 BEARING STUD WALL (BASEMENT):

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

-1/2" (12.7mm) GYPSUM BOARD BOTH SIDES. -1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. -FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB

(19) PARTY WALL - BLOCK:

O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK

-FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9,11,1,4,(4) -FLANNING FLOOK ASSEMBLES TO COMPET WITH OBE 7.11.14.[4] -SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT SMOKE PASSAGE

-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH

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

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

ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)

PARTY WALL - BLOCK (AGAINST GARAGE):

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

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

-2" X 6" (38mmX 140mm) WOOD STRAPPING @ 16" (400mm) O.C. -R22 (RSI 3.87) RIGID INSULATION -7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) -1/2" (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN

HOUSE AND GARAGE TAPE AND SEAL ALL JOINTS GAS TIGHT

19b FIREWALL:

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

-FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) -1/2" (12.7mm) GYPSUM BOARD W/TAPED JOINTS -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES

-SOUND ABSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY -7 1/2" (190mm) CONC. BLOCK, MIN. 2 HR. FIRE-RESISTANT RATING -EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS

-EVERT FIREWALL SHALL BE COMMINOUS THROUGH ALL BUILDING STORETS
-STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER
O.B.C. 9,10.9.9.(1) & TABLE 2.1.1 SB-2
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
-PROTRUDE PAST FASCIA @ EAVES W/ BRICK CORBELLING
-EXTEND 5 7/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/
THROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1)

-WHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER THAN 9'10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER O.B.C. 3.1.10.4.(2)

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

(21) PARTY WALL - WOOD STUD:
O.B.C. SB-3 WALL = W13a (STC = 57, FIRE = 1 HR)
-MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK

-FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4) -2 ROWS 2"X4"(38mmX 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE 2" X 4" (38mmX 89mm) BOTTÓM PLATE & SEPARATE DOUBLE 2" X 4" (38mmX 89mm) TOP PLATES -SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY.

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

-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1) NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1.

-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. - IF 2"x6" STUDS ARE USED AT STAIR OPENING CONTINUE TO USE

ON REMAINING FLOORS AT THE STAIR OPENING AT 16" O.C.

 $\langle \overline{22} \rangle$ Garage wall & Ceiling: O.B.C. 9.10.9.16.(3)

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

-R31 (RSI 5.41) INSULATION IN CEILINGS W/ FLOOR ABOVE -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-9.25.3. & 9.25.4. FOR FLOOR ABOVE.

-INSULATION AROUND DUCTS AND PIPING NOT TO ENCROACH MIN. REQUIRED GARAGE AREA (REFER TO MUNICIPAL STANDARDS). -1/2" (12 7mm) GYPSUM BOARD

ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH 4 - 3 1/4" (82mm) TOF NAILS -BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR

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

(22a) WALLS ADJACENT TO ATTIC SPACE: -1/2" (12.7mm) GYPSUM BOARD -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-

9.25.3. & 9.25.4. -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. -R22 (RSI 3.87) INSULATION

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

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

23 DOUBLE VOLUME WALLS:

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

7 7/8" (200mm) O.C. -SOLID BRIDGING AT 3'-11" (1200mm) 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 WITH O.B.C. 9.25.3. & 9.25.9.

♠ CLIENT SPECIFIC REVISIONS

EXPOSED FLOOR:

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

SUNKEN FINISHED AREAS:

-USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS. - Where grading conditions will allow, check foundation walls instead of using bearing posts. -FLOOR STRUCTURE AS PER NOTE # 28.

DOUBLE MASONRY WYTHE WALL:

O.B.C. 9.20.8.2. -3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER -WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER O.B.C. 9.20.9.4.
SILL PLATE REQUIRED FOR ROOF AND CEILING FRAMING MEMBERS -6" SILL W/ 2" BEARING ON EACH SIDE & ANCHOR BOLTS @ 4-10" O.C. NOTE: MASONRY TO BE SOLID & MORTAR JOINT FILLED SOLID FOR FLOOR JOISTS BEARING ON WYTHES. FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY

CORBEL MASONRY VENEER:

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

FLOOR ASSEMBLIES:

O.B.C. 9.23.7. -2" X 4" (38mm X 89mm) PLATE

-1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FASTENED TO 1/2 (12./min) JM. ANTON DELTA (12.00min) JM. ANTON DELTA (12.00min) JM. AND WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4" (100mm) INTO FOUNDATION WALL.

-SILL PLATE TO BE CAULKED, OR PLACED ON A LAYER NOT LESS THAN 1' (25mm) THICK BEFORE COMPRESSING, OR FOAM GASKET, OR PLACED ON FULL BED OF MORTAR.

BRIDGING & STRAPPING: O.B.C. 9.23.9.4. a) STRAPPING

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

. 1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS BRIDGING @ MAX. 6'-11" (2100mm) O.C. c) BRIDGING & STRAPPING

a) & b) USED TOGETHER OR

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

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

 $\langle 28 \rangle$ **FLOOR ASSEMBLY:**

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

PORCH SLAB:

O.B.C. 9.39.1.4.

-4 7/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT -REINFORCE WITH 10M BARS @ 7 7/8" (200mm) EACH WAY

-1 1/4" (30mm) CLEAR COVER FROM THE BOTTOM OF THE SLAB -3" (75mm) END BEARING ON FOUNDATION WALL

-23 5/8" (600mm) X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C. -IF A COLD CELLAR IS LOCATED BELOW THE SLAB, SUPPORT ON FOUNDATION WALLS NOT TO EXCEED 8'-2"

EXTERIOR BALCONY ASSEMBLY: -1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING

-7"/4" A 3 1/2 I NESSUE INCATED ECRINO WY 1/4" SI ACINO WASTENED ON SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" (CUT DIAGONALLY) @ 12" O.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN)
- EXTERIOR GUARD AS PER #36a

- SLOPE ASSEMBLY MINIMUM 2% TO ROOF SCUPPER REQUIRED FOR OVER HEATED SPACES:

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

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

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

EXTERIOR FLAT ROOF ASSEMBLY:

-SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT INSTALLED PER MANUFACTURER'S SPECIFICATIONS. -1/4" EXTERIOR GRADE WOOD PANEL TYPE UNDERLAY TAPERED PURLINS SLOPED MIN. 2% TO ROOF SCUPPER. -3/8" EXTERIOR GRADE PLYWOOD SHEATHING ON -2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN)

REQUIRED FOR OVER HEATED SPACES:

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

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

& 9.25.4. -ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR

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

ROOF ASSEMBLIES TYPICAL ROOF:

O.B.C. 9.26

O.B.C. 9.26.

NO. 210 (30. 5KG/m2) ASPHALT SHINGLES

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

-EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES
-STARTER STRIP AS PER O.B.C. 9.26.7.2.

-STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3) -3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS

APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S LAYOUT) TRUSS BRACING AS PER TRUSS MANUFACTURER

-EAVESTROUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR

ALUMINUM) ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT.

 $\langle 32 \rangle$ CEILING:

-R60 (RSI 10.56) INSULATION

-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. -1/2" (12 7mm) GYPSIIM BOARD W/ PAINTED CEILING OR

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

(320) VAULTED OR CATHEDRAL CEILING:

O.B.C. 9.26. & TABLE A4
-NO. 210 (30. 5KG/m2) ASPHALT SHINGLES
-FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO
EXTEND UP THE ROOF SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL-EAVES PROTECTION LAID BENEATH STARTER STRIP. -EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE

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

-STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3) -3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS. -2"x8" (38mm x 184mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 13"-3" (4050mm) OR -2"x10" (38mm x 235mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS

PURLINS @ 24" O.C. MAX. SPAN 17'-0" (5180mm) -R31 (RSI 5.46) INSULATION

-NIN. 3" CLEARANCE FROM U/S OF ROOF SHEATHING TO INSULATION
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH

O.B.C. 9.25.3. & 9.25.4. -1/2" (12.7mm) GYPSUM BOARD

(33) CONVENTIONAL FRAMING:

O.B.C. TABLE A6 OR A7 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9" (3890mm)

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

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

 $\langle 34 \rangle$ ATTIC ACCESS HATCH:

OBC 9.19.2.1. & SB-12 3.1.1.8.(1)
-19 3/4" X 27 1/2" (500mm X 700mm) ATTIC HATCH WITH WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION

GENERAL:

35 PRIVATE STAIRS:

O.B.C. 9.8.4. -MAX. RISE = 7-7/8" = 8-1/4" (200mm) -MIN. RUN (210mm) -MIN. TREAD = 9-1/4" (235mm) -MAX. NOSING (25mm) = 6'-5" -MIN. HEADROOM (1950mm) -MIN. WIDTH 2'-10" (860mm) (BETWEEN WALL FACES) -MIN. WIDTH = 2'-11" (S (EXIT STAIRS, BETWEEN GUARDS) (900n

= 5 7/8" -MIN. RUN (150mm) -MIN. AVG. RUN = 77/8" (200mm)
-FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS
-EXTERIOR CONC. STEPS TO HAVE MIN. 9 1/4" (235mm) TREAD &

MAX. 7 7/8" (200mm) RISE

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

HANDRAILS: O.B.C. 9.8.7

ANGLED TREADS:

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

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

O.B.C. 9.8.7.4 - 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX. - 3"-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS -MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A

HEIGHT:

STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

PROJECTIONS:
O.B.C. 9.8.7.6
-HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP

STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED

 $\sqrt{350}$ PUBLIC STAIRS:

O.B.C. 9.8.4. -MAX. RISE = 7-3/32" (180mm) -MIN. RUN = 11" (280mm) -MIN. TREAD = 11" (280mm) -MAX. NOSING (25mm) -MIN. HEADROOM -MIN. WIDTH = 6'-9" = 2'-11" (2050mm) (900mm)

(EXIT STAIRS, BETWEEN GUARDS)

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

HANDRAILS:

O.B.C. 9.8.7

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

O.B.C. 9.8.7.4 - 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX.

- 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS)

MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

PROJECTIONS: O.B.C. 9.8.7.6

- HANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP

STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE STAIR

TERMINATION: O.B.C. 9.8.7.3 - ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 $3/4^{\prime\prime}$ (300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR

O.B.C. 9.8.9.6 -treads are to Be wear and slip resistant, smooth, even and free from defects per obc 9.8.9.6.(4)

- STAIRS AND RAMPS SHALL HAVE A COLOUR CONTRAST OR DISTINCTIVE VISUAL PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LANDING AND THE BEGINNING AND END OF A RAMP.

(36) INTERIOR GUARDS:

O.B.C. SB-7 & 9.8.8.3

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

(36g) EXTERIOR GUARDS:

location

Brampton

marketing name

O.B.C. SB-7 & 9.8.8.3 -GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN

23 5/8" (600mm). -GUARDS TO BE 3'-4" (1070mm) FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH -FOR DWELLING UNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WALKING

SURFACE IS MORE THAN 5'-11" (1800mm) ABOVE ADJACENT GRADE. -PICKETS TO HAVE 4" (100mm) MAX. SPACING -PROVIDE MID-SPAN POSTS AS PER SB-7. -GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

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

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

I, DANIEL HANNINEN DECLARE THAT I HAVE REVIEWED AND

QUALIFIED DESIGNER BCIN: FIRM BCIN: 26995 01-FEB-21 Sall X

revisions date dwn chk revisions date dwn chk ISSUED FOR CLIENT REVIEW ΕO DJH



38-6-BLK 160 scale 3/16" = 1'0"

project #

19037

page

SIGNATURE:

ENCORE 2

Gold Park Homes

WWW.RNDESIGN.COM Tel: 905-738-3177 WWW.THEPLUSGROUP.CA

-FOR RAILING SPANNING MAXIMUM OF 6'-0". -PROVIDE PREFIN. METAL RAILING W/ 76mm VERTICAL OPENING TO

-FROWIDE FREITH, METAL KALLING WY 7611111 VERTICAL OF ENTING 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"Ø MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3" MIN.

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

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

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

 $\langle 39 \rangle$ -CAPPED DRYER VENT

 $\langle 40 \rangle$ -1"X2" (19mmX38mm) BOTH SIDES OF STEEL

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

-PRECAST CONC. STEP

-2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND

SMOKE ALARM OBC - 9 10 19 \langle 44 \rangle -PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS
-PROVIDE 1 IN EACH BEDROOM

-PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS - INSTALLED AT OR NEAR CEILING

ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL
ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A
VISUAL SIGNALLING COMPONENT

THAT CAN POWER ALARM FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM

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

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

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

2) WHERE THAT FLOOR LEVEL HAS A WINDOW PROVIDING AN UNOBSTRUCTED OPENING OF NOT LESS THAN 3"-3" (1000mm) IN HEIGHT AND 21 5/8" (550mm) IN WIDTH; SUCH WINDOW SHALL BE LOCATED SO THAT THE SILL IS NOT MORE THAN 3'-3" (1000mm) ABOVE FLOOR AND 23'-0" (7.0m) ABOVE ADJACENT GROUND LEVEL.

49 EXTERIOR COLUMN W/ MASONRY PIER:

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

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

-MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. REFER TO

ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT. -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.

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

REFER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT.
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST

PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4.

(490) EXTERIOR COLUMN:

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

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

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

-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/ R20 (RSI 3.52) CONTINUOUS INSULATION (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

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) (g) &

-GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

$\langle 53 \rangle$ window guards:

@ STAIRS, LANDINGS & RAMPS - OBC 9.8.8.1.(8) WINDOW SILL AT 3"0" (900mm) OR GREATER DOES NOT REQUIRE GUARDS

@ FLOORS - OBC 9.8.8.1.(6)

WINDOWS LESS THAN 1'-7" (480mm) ABOVE FLOORS WHERE ADJACENT GRADE

IS GREATER THAN 5'-11" (1800mm) REQUIRE A GUARD PER OBC 9.8.8.2

WINDOW TO BE NON-OPERABLE AND DESIGNED TO WITHSTAND LATERAL LOADS PER OBC 9.8.8.1.(8)(b)

FRAME CONSTRUCTION:

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

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

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

-DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE

BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm)
-DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7' (800mm) AND 6'-7" (2000mm)

DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING PARALLEL PARTITIONS

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

PARALLEL TO FLOOR JOISTS

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

-APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN
THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS

-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED

MORE THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm 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

WATERPROOF WALLS IN BATHROOMS:

-REQUIRED AS PER OBC 9.29.2.1.

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

1.6 W/(m2.K) OR
-AN ENERGY RATING OF NOT LESS THAN 25 FOR WINDOWS -BASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL BE DOUBLE GLAZED WITH LOW-E COATING

-SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

-FOR GROSS GLAZED AREAS LESS THAN AND EQUAL TO 17%

DRAIN WATER HEAT RECOVERY:

- DWHR UNITS TO BE INSTALLED AS PER OBC SB-12 3.1.1.1.(22) & 3.1.1.12. SENTENCES (1) TO (6)

- DWHR ARE REQUIRED IN ALL DWELLING UNITS TO RECEIVE DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST 2 SHOWERS WHERE THERE ARE 2 OR MORE SHOWERS PROVIDED THERE IS A CRAWL SPACE OR STOREY BELOW THE SHOWERS.





FOR STRUCTURAL ONLY. EXCLUDING ENGINEERED ROOF TRUSS, FLOOR JOIST, AND FLOOR LVL BEAM DESIGN.

VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD

♦ CLIENT SPECIFIC REVISIONS

SCHEDULES DOORS 46 X47 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

W 8 X 18 ST4 W 8 X 21

W 8 X 24

2/2" X 8" SPR 2/ 2" X 10" SPR 2/ 2" X 12" SPR L3 L5 3-1/2" X 3-1/2" X 1/4" L

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

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 WD9 5/ 2" X 12" SPR

Gold Park Homes

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

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

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

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

5 7/8" X 3-1/2" X 5/14" I

WOOD BEAMS WD10 2/ 1 3/4" X7 1/4" (2.0E) LVL WD11 3/ 1 3/4" X7 1/4" (2.0F) I VI WD12A 1/13/4" X9 1/2" (2.0E) LVL WD12 2/ 1 3/4" X9 1/2" (2.0E) LVL WD13 3/ 1 3/4" X9 1/2" (2.0E) LVL WD14A 1/13/4" X117/8" (2.0E) LVL WD14 2/ 1 3/4" X11 7/8" (2.0E) LVL WD15 3/ 1 3/4" X11 7/8" (2.0E) LVL WD16A 1/13/4" X14" (2.0E) LVL 2/ 1 3/4" X14" (2.0E) LVL WD16

WD17 3/13/4" X14" (2.0E) LVL 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**

PLAN/ELEVATION LEGEND

VENTS AND INTAKES HOSE BIB

(38) **EXHAUST FAN**

 \bigoplus COLD CELLAR VENT (50) \otimes STOVE VENT FIRE PLACE VENT

location

Brampton

marketing name

DRYER VENT

CARBON MONOXIDE 45 ALARM (CMA) DOUBLE JOIST DJ PRESSURE TREATED PT LUMBER

GIRDER TRUSS ABOVE FINISHED FLOOR AFF **BBFM** BEAM BY FLOOR MANUF FLUSH DROPPED (DR)

'DO' REPEAT SAME JOIST SIZE UNDER SIDE U/S FIXED GLAZING GLASS BLOCK **BLACK GLASS**

FG

GB

BG

× %

SOLID BEARING FLAT ARCH

FLOOR DRAIN



2 STORY WALL EXT. LIGHT FIXTURE

project #

19037



(WALL MOUNTED) HYDRO METER

(G) GAS METER

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

QUALIFIED DESIGNER BCIN: FIRM BCIN: 26995 01-FEB-21 (All)

SIGNATURE:

ENCORE 2 revisions date dwn chk revisions date dwn chk EO ISSUED FOR CLIENT REVIEW DJH ISSUED FOR PERMIT 01-FEB-2 DJH



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scale

3/16" = 1'0" page

38-6-BLK 160