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

2 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)

-3 STOREY STUD - 18" X 5" (450mm X 130mm)

-3 STOREY STUD - 24" X 8" (600mm X 200mm)

STEP FOUNDS:

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

# 4 DRAINAGE TILE OR PIPE:

O.B.C. 9.14.3.

-4" (100mm) MIN. DIA. LAID ON UNDISTURBED OR WELL COMPACTED SOIL
W/ TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FIR. SLAB. COVER TOP & SIDES OF TILE OR PIPE W/ 5 7/8" (150mm) OF CRUSHED STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL

5 BASEMENT SLAB: O.B.C. 9.13. & 9.16.

-3" (75mm) CONCRETE SLAB 2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. -220Upsi (15MP2) AFTEK 28 DAYS - U.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
- DROWD BOOK AND STRENGE MATERIAL DELIVERAL STAN BE TO COURSE.

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.

-FLOOR DRAIN FER O.B.C.9.3.14.4.
FATO (RS1.17-6) INSULATION AT PERINETER OF SLAB WHERE GRADE IS WITHIN 23-1/2" (600mm) OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NO LESS THAN 23-1/2" (600mm) BELOW EXTERIOR GRADE LEVEL (OBC SB-12 -

UNI ESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTI A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY DARD (O.B.C. SB-9)

#### SLAB ON GROUND: 3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3.

-3 (73IIII) CUMREIE SLAB - O.B.C. 9.16.4.5.
-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.
-DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS
-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) 100mm) OF COURSE GRANULAR MATERIAL
PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO

UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTI A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY

## 6 GARAGE SLAB / EXTERIOR SLAB: -4"(100mm) COMODETE STAD

-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 SLAE 4 \* (100mm) OF COURSE GRANULAR MATERIAL
ANY FILL PLACED UNDER SLAB , OTHER THAN COURSE CLEAN GRANULAR
MATERIAL, SHALL BE COMPACTED. 7 PILASTERS:

O.B.C. 9.15.5.3.

PILASTER -CONCRETE NIB - 4" X 12" (100mm X 300mm) PELOCK 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 OAD 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 FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP -FOR WOOD BEAMMS, MIN. 4. AA 1/4 (UNITED HINTO BEAM ASSISTED FOR STATE 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:

-MAX. 9'-10" (2997mm) - 34" X 34" X 16" mmX 860mmX 400mm) - 44" X 44" X 21" - (1120mmX 1120mmX 530mm) -MAX. 16'-0" (4880mm)

- 40" X 40" X 19 (1010mmX 1010mmX 480mm) - 51" X 51" X 24" nX 1295mmX 610mm

#### -MAX. 16'-0" (4880mm) -WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100n 16mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS

 $\langle 9 \rangle$  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 -5 ½" X 5½" (140mm x 140mm) SULID WOOD COLUMIN - OR
-3-2"x6" (38mm x 140mm) BUILT UP COLUMIN 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/ 84"x34"x14" (860mm x 860mm x 360mm) CONC PAD (2 FLOORS SUPPORTED W/

10 BLOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES) 2°X8°X12° LEDGER BOARD FASTENED W/ 2/ 1/2° ANCHOR BOLTS @ 4° O.C WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 Where required to obtain 5" separation distance

BETWEEN ADJACENT BEAMS 11 BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM) -12"X11"X 5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK WITH 2-1/2"Ø x8" ANCHOR BOLTS.

#### WALL ASSEMBLIES: 14 FOUNDATION WALL:

-FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT. -8" (200mm) SOLID 2200psi (15MPa) CONCRETE Màx. Unsúpported Hèight of 3-11" (1200mm) & Max. Supported Height of 7'-0" (2150mm) Measured from Grade to Finished Basement Floor. -10" (250mm) SOLID 2200nsi (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 IT -FOR CONDITIONS EACEDING 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" (51 mm) R10 (RSI 1.76)RIGID INSULATION W/2\*4\*(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION -BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL REDUCTION OF THICKNESS: WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO ALLOW MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS. HAN 3-1/2" (90mm) THICK. TIE TO FACING MATERIAL WITH METAL TIES SPACED MAX @ 7.7/8" (200mm) VERTICALLY O.C. & 2'-11' (900mm) HORIZONTALLY.
-FILL SPACE BETWEEN WALL AND FACING SOLID W. MORTAR
-WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE
MAX. 13-3/4' (350mm) HIGH & MIN. 3-1/2' (90mm) THICK

DAMPPROOFING & WATERPROOFING: DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C y.13.2. - 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)
-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,
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.

#### 15 FRAME WALL CONSTRUCTION:

O.B.C. 9.23.
-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)
-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. 27 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 RECUIRED TO BE SPACED @ 12" (300mm) O.C.

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

-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE NSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

-REFER TO REQUIREMENTS FOR LESS THAN 4"-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS). ON INYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm) YPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

ALTERNATE FRAME WALL CONSTRUCTION: 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" X4" (38mmX 89mm) SOLID WO 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 -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. 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).

OK 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 NSULATION

### 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. .23.10. 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. /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 EQUIRED TO BE SPACED @ 12" (300mm) 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) GYPSHM BD. W/ 1/2" (12 7mm) TYPE 'X' GYPSHM BD. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND 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 WHICH REPLACES

### 16 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 ·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. = REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = FW1b (STC = N/A, FIRF = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -REPLACE R22 (RSL 3 87) INISHILATION WITH R22 (RSL 3 87) ΔRSΩRPTIVE NSULATING 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. TREIGHT -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 16" (406mm) O.C. HORIZONTAL & 24" (610mm) O.C. VERTICAL

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 1/2" (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) D.C. ON BOTTOM FLR. WHEN 3 STOREYS 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 99mm) 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. = NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. 1,9,23,10.1. =
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 (R51 2.46) INSULATION WITH R14 (R51 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.

#### (16b) BRICK VENEER CONSTRUCTION @ GARAGE: O.B.C. 9.23.

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

TRICISHI MINI D.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 · I" (25mm) AIR SPACE -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. 114" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. 1-12" (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 9mm) 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 RATEO WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
THE FOLLOWING MATERIALS:
-ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

17 INTERIOR STUD WALLS: O.B.C. T.9,23.10.1. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ - DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE

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

18 BEARING STUD WALL (BASEMENT): 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR 2° X 6° (38mmX 140mm) WOOD STUDS @ 16° (400mm) O.C. W/
-DBL. 2° X 4° OR 2° X 6° TOP PLATE.
-2° X 4° 0R 2° X 6° TOP PLATE.
-2° X 4° 0R 2° X 6° TOP PLATE. 1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.0

#### FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURE 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 - THE THE PERSTANCE AND COMMING COMMINGS OF FOOTINGS TO THE US OF ROOF DECK
-FLANKING FLOOR ASSEMBLIES TO COMPLY WITH OBC 9.11.1.4.(4)
-SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/
MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVENT 1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES. -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH

ARSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY. -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 H -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. 2" X 6" (38mmX 140mm) WOOD STRAPPING @ 16" (400mm) O.C.

-2 A 0 (3011111) 41011111) WOOD STAFFFING @ 10 (40011111) 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 TAPE AND SEAL ALL JOINTS GAS TIGHT

9b <u>FIREWALL:</u>
O.B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) ONE FIREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING AREA, O.B.C. T.3.2.2.47.
-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 of wall -Sound Absorptive material each side filling 90% of the Cavity -7 1/2" (190mm) Conc. Block, min. 2 hr. fire-resistant rating EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2 O.B.C. 9, 10.99,9(1) & IMBLE 21,136-2
ACOUSTICAL SEALANT AS PER O.B.C. SB.3 (NOTE (2) TO TABLE 1)
-PROTRIUDE 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

### 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" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" X 89mm) TOP PLATES OUND 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" (300n

#### FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS REQUIRED TO BE SPACED @ 12" (300mm) O.C. - IF 2"x6" STUDS ARE USED AT STAIR OPENING CONTINUE TO L ON REMAINING FLOORS AT THE STAIR OPENING AT 16" O.C. GARAGE WALL & CEILING:

O.B.C. 9.10.9.16.(3) m) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF R31 (R31 5.41) INSULATION IN CELLINGS 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). /2" (12.7mm) GYPSUM BOARD -ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH -BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR RIM JOIST WITH 3 1/4" (82mm) NAILS AT 7 7/8" (200mm) O.C. 220 WALLS ADJACENT TO ATTIC SPACE:

ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.nx 140mm) WOOD STUDS @ 16" (400mm) O.C. 2" X 6" (38mmX 140mm) WOOD SIUDS @ 16" (400THIT) 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.

O.B.C. 9.23.10.1. 3/8" (9.5mm) PLYWOOD. OSB OR WATERBOARD SHEATHING

STORY CASHINITY CHILD OF CASH WATEROAND SHEATHING
REFER TO PLAN FOR STUD SPECIFICATION
STUDS FASTENED AT TOP & BOTTOM WITH 3/ 3-1/4\* (82mm) TOE NAILS
DOUBLE TOP PLATES FASTENED TOGETHER WITH 3\* (76mm) AT SOLID BRIDGING AT 3'-11" (1200mm) O.C MIN. R22 (RSI 3.87) INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A.)

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

### 24 EXPOSED FLOOR:

LOOR AS PER NOTE # 28 ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4.

#### -R31 (RSI 5.46) INSULATION 240) SUNKEN FINISHED AREAS:

-USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS.
- WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS INSTEAD OF USING BEARING POSTS.

### OOR STRUCTURE AS PER NOTE # 28. 25) 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'-0" O.C NOTE: MASONRY TO BE SOLID & MORTAR JOINT FILLED SOLID FOR FLOOR

JOISTS BEARING ON WYTHES. FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY

### 250 CORBEL MASONRY VENEER:

MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1) FLOOR ASSEMBLIES:

26 SILL PLATE: O.B.C. 9.23.7. O.B.C. 9.23.7.

-2" X 4" (38mm X 89mm) PLATE
-1/2" (12.7mm) DIA. ANCHOR BOLIS @ 7'-10" (2400mm) O.C. FASTENED TO
PLATE W/ NUTS 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 $\langle 27 \rangle$ BRIDGING & STRAPPING:

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

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 -1 I/2 (36IIIII) SOLID ECOSING & AMARIA TO A CANADA AND A

### 28 FLOOR ASSEMBLY:

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

29 PORCH SLAB:

-4 7/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT -4 //6 (123IIII) 4650 JS 1(32 MIP2) COUNC. SLAB WITH 3 TO 6% AIR ENTRAININE -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 -3" (560mm) 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 SEVERE 9: 2"

WALLS NOT TO EXCEED 8'-2" 30 EXTERIOR BALCONY ASSEMBLY: 1 1/4" X 3 1/2" PRESSURE TREATED DECKING W/ 1/4" SPACING -2"X4" WOOD PURLINS (CUT DIAGONALLY) @ 12" O.C. LAYING UNFASTENED ON SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" ON SINGLE PLY WALERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" (15.9mm) EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X4" WOOD PURLIY (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 ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS

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/ FAINIED CEILING OR 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 TENTILATION OVER JOISTS (OBC 9.19.1.2. VENTING NOT LESS THAN 1/150 OF CEILING AREA)
-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS -ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3.

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

#### ROOF ASSEMBLIES 31 TYPICAL ROOF:

SMOKE ALARM (44)

ALARM (CMA)

WATERPROOF

DUPLEX OUTLET

VENTS AND INTAKES

COLD CELLAR VENT ⟨50⟩

FIRE PLACE VENT

DRYER VENT

FLOOR DRAIN

# HOSE BIB

38 EXHAUST FAN

STOVE VENT

SOLID BEARING

2/ 2" X 8" SPR

2/ 2" X 10" SPR

-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 PPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S Russ Bracing as per truss manufacturer Avestrough on prefinished fascia and vented soffit (Vinyl or

-ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT. CEILING: R60 (RSI 10.56) INSULATION CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3.

1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) 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. ARTER 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. -376 (Vollin) F-174/OCD 371-EAINING OF 388 (V-2 GAMAL), WIN A 176-2728" (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

MIN. 3" CLEARANCE FROM U/S OF ROOF SHEATHING TO INSULATION IOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH

3-1/2" X 3-1/2" X 1/4" L L12 5 7/8" X 3-1/2" X 5/16" L L17 7-1/8" X 4" X 1/2" L

3 4-7/8" X 3-1/2" X 1/4" L L13 5-7/8" X 3-1/2" X 3/8" L

**LEGEND** FLAT ARCH CARBON MONOXIDE (45) 2 STORY WALL EXT\_LIGHT FIXTURE (WALL MOUNTED) (H) HYDRO METER GAS METER

> DJ DOUBLE JOIST PRESSURE TREATED PT LUMBER GT GIRDER TRUSS AFF ABOVE FINISHED FLOOR **BBFM** BEAM BY FLOOR MANUF (FL) DROPPED 'DO' REPEAT SAME JOIST SIZE U/S UNDER SIDE FG FIXED GLAZING

GLASS BLOCK BG BLACK GLASS LINTELS L9 4" X 3-1/2" X 1/4" L L14 5-7/8" X 3-1/2" X 1/2" L10 4-7/8" X 3-1/2" X 5/16" L L15 5-7/8" X 4" X 1/2" L WD14 2/ 1 3/4" X11 7/8" (2.0E) L L11 4-7/8" X 3-1/2" X 3/8" L L16 7-1/8" X 4" X 3/8" L

(33) CONVENTIONAL FRAMING:

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

SMOKE ALARM, O.B.C.: 9, 10, 19,
PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS
-PROVIDE 1 IN EACH BEDROOM
-PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS
-INSTALLED AT OR NEAR CEILING
-ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL
ALARMS WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS AND HAVE A

ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE

CARBON MONOXIDE ALARMI (CMA), 026.- 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

46 -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

WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15. -R4 (RS10.70)
-R4 (RS10.70)
-R5 (RS10.70)
-R6 (RS10.70)
-R6 (RS10.70)
-R7 (RS10.70)
-R

-MINI O AD (1401) AND METAL SADDLE.
-TOP PORTION OF POST CLAD W/DECOR, SURROUND PER MESTIGGANADA INC.

PROFESSION

R. J. C. GOHLICH

100502549

Nov 27,2019

WOE OF ON

FOR COLD CELLARS PROVIDE FIRE OLLOWING:

VENTING AREA TO BE EQUIVA ENGINEERED FROOF TRUSS, FLOO

WALL MOUNTED LIGHT FIXTUR OIST AND FLOOR LVL BEAM DES

-GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER

2) WHERE THAT ELOOP LEVEL HAS A WINDOW PROVIDING AN

MASONRY VENEER SURROUND W/ PRECAST CONCRETE

(7.0m) ABOVE ADJACENT GROUND LEVEL.

-MIN. 6"X6" (140mm X 140mm) WOOD PC

ELEVATION DRAWINGS FOR PIER SIZE AND CA

SURROUND TO BE TIED W/ METAL TIES @ 16"

49 EXTERIOR COLUMN W/ MASONRY PIER:

PER O.B.C. 9.20.9.4. -3/4" AIR SPACE AROUND POST.

-MIN. 6"X6" (140mm X 140mm) WOOD

COVER VENT W/ BUG SCRE

51 STUD WALL REINFORCEMENT:

53 WINDOW GUARDS:

PER OBC 9.8.8.1.(8)(b)

FRAME CONSTRUCTION:

(800mm) AND 6'-7" (2000mm)

PARALLEL TO FLOOR JOISTS

PARALLEL PARTITIONS

235mm) OR LARGER.

WINDOWS:

1.6 W/(m2 K) OR

WATERPROOF WALLS IN BATHROOMS:

-REQUIRED AS PER OBC 9.29.2.1.

DRAIN WATER HEAT RECOVERY:

ELEVATION 'A'

SM

104.3

191.1

115.5

107.2

SM

89.9

107.3

197.2

115.7

110.2

BELOW THE SHOWERS.

SF

935.2

1122.4

2057.6

1243.5

1153.8

SF

967.6

1155.6

2123.2

1245.9

1186

ELEVATION 'C

METAL SADDLE
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY
PROVIDED THAT THEY ARE IN ACCORDANCE WIT

2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7)

CONTINUOUS INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A.)

3.8.3.13.(4)(e) -Grab bars to be installed as PER O.B.C. 9.8.7.7.(2)

INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ R20 (RSI 3.52)

N/ 2"x4"(38mm X 89mm) WOOD STUD W/ R12 (RSI 2.11) BATT INSULATION

WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN

<u>@ Stairs, Landings & Ramps</u> - OBC 9.8.8.1.(8) NDOW SILL AT 3'-0" (900mm) OR GREATER DOES NOT REQUIRE GUARDS

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

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

RAIN LOADS. -JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING

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

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

-DOUBLE STUDS @ OPENINGS -DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE

BETWEEN 3-11" (1200mm) AND 10-6" (3200mm)

-DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7"

-BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE

WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS
-APPROVED METAL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN

FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED

-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED

-WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

-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

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

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

ELEVATION 'B'

SM

105.2

192.2

115.5

107.2

SM

192.3

113.4

107.3

SF

935.2

1132.5

2067.7

1243.5

1153.8

SF

936.3

1133.5

2069.8

1220.2

1155

ELEVATION 'D'

MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X  $\,$ 

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

-DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING

-BEAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS

THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS

-WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER

-AN ENERGY RATING OF NOT LESS THAN 25 FOR WINDOWS

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

@ FLOORS - OBC 9.8.8.1.(6)
WINDOWS LESS THAN 1'-7" (480mm) ABOVE FLOORS WHERE ADJACENT GRADE

WINDOW TO BE NON-OPERABLE AND DESIGNED TO WITHSTAND LATERAL LOADS

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) &

ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76)RIGID INSULATION

490 EXTERIOR COLUMN:

(50) COLD CELLARS:

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

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

VISUAL SIGNALLING COMPONENT

CARBON MONOXIDE ALARM (CMA), O.B.C.- 9.33.4.

O.B.C. TABLE A6 OR A7 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9" -2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS ILING 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.

(34) 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

= 8-1/4" (210mm) = 9-1/4" (235mm) -MIN. RUN -MIN. TREAD -MAX. NOSING = 1" (25mm) -MIN. HEADROOM = 6'-5" (1950mm) -MIN. HEADROOM = 6'-5 (1730:.....,
-MIN. WIDTH = 2'-10" (860mm)
(BETWEEN WALL FACES)
-MIN. WIDTH = 2'-11" (900mm) -MIN. WIDTH = 2'-11" (9 (EXIT STAIRS, BETWEEN GUARDS)

-MIN. RUN = 5 7/8" (150mm) -MIN. AVG. RUN = 7 7/8" (200 -MIN. AVS. RUN = 77/8 (200mm)
-FINISHED RALIING 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: -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 HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR

HEIGHT: O.B.C. 9.8.7.4 - 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A STRAIGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING PROJECTIONS: O.B.C. 9.8.7.6

C.B.C. 7.6.7.0

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

### 350 PUBLIC STAIRS:

O.B.C. 9.8.4. = 7-3/32" (180mm) -MIN. RUN -MIN. TREAD -MIN HEADROOM = 6'-9" -MIN. MDTH = 2\*-11" (900mm)

(EXIT STAIRS, BETWEEN GUARDS)
-FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS

-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 -One Handkale Required Where Stair Width is less Hann 3-7 (Thom -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-77 (Thomm -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 HEIGHT:
O.B.C. 9.8.7.4 - 2-10" (865mm) MIN. TO 3'-2" (965mm) MAX. - 3'-6" (1070mm) WHERE GUARDS ARE REQUIRED ON LANDINGS) - MEASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A 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 TERMINATION: O.B.C. 9.8.7.3

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4"

(300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR

-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

#### ANDING AND THE BEGINNING AND END OF A RAMF 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

## (360) EXTERIOR GUARDS:

A 865x2030x45 (2'10"x6'8"x1-3/

B 815x2030x35 (2'8"x6'8"x1-3/8

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

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

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

OVER SIZED EXTERIOR DOC

STEEL BEAMS

ST1 W 6 X 15

ST2 W 6 X 20

ST4 W 8 X 21

WOOD BEAMS

3/ 2" X 8" SPR

4/ 2" X 8" SPR

5/ 2" X 8" SPR

3/ 2" X 10" SPR

4/ 2" X 10" SPR

3/ 2" X 12" SPR

WD10 2/ 1 3/4" X7 1/4" (2.0F) I

ND12A 1/ 1 3/4" X9 1/2" (2.0F) I

WD13 3/ 1 3/4" X9 1/2" (2.0E) L

WD16A 1/13/4" X14" (2.0E) LV

WD17 3/13/4" X14" (2.0F) I V

3/ 1 3/4" X7 1/4" (2.0E) L

WD6 5/ 2" X 10" SPR

WD8 4/2" X 12" SPR

WD9 5/ 2" X 12" SPR

ST5 W 8 X 24

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

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"Ø MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3" MIN. PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION. -PROVIDE SAME ANCHOR BOLLS © 30 O.C. FOR BA

AIR CHANGE PER HOUR, O.B.C.- 9.32.1.3.(3)

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. ONTARIO REGULATION 332/12 OBC. AMMENDMENT O. REG. 88/19 JAN 1, 2020

Areas:

**GROUND FLOOR** 

SECOND FLOOR

**TOTAL AREA** 

GROUND FLOOR

SECOND FLOOR

TOTAL AREA

COVERAGE INC PORCH

COVERAGE NOT INC PORCH

COVERAGE INC PORCH

COVERAGE NOT INC PORCH

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

I. JORGE MORENO 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

WWW.THEPLUSGROUP.CA

REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES. QUALIFIED DESIGNER BCIN:

FIRM BCIN:

SIGNATURE:

27-NOV-19

26995

AO TITLE SHEET BASEMENT FLOOR ELEV 'A' BASEMENT FLOOR ELEV 'B' A2 GROUND FLOOR FLEV 'A' GROUND FLOOR ELEV 'B' CS-1 SELF SUPPORTING STAIR LANDING CS-2 SELF SUPPORTING STAIR LANDING PLAN VIEW SECOND FLOOR ELEV 'A' SECOND FLOOR ELEV 'B'

A4 PARTIAL BASEMENT FLOOR ELEV 'C' PARTIAL BASEMENT FLOOR ELEV 'D' PARTIAL GROUND FLOOR ELEV 'C' PARTIAL GROUND FLOOR ELEV 'D' A5 PARTIAL SECOND FLOOR ELEV 'C'

PARTIAL SECOND FLOOR ELEV 'D' A6 FRONT ELEVATION 'A' FRONT ELEVATION 'B' ROOF ELEV 'A' ROOF ELEV 'B'

A7 RIGHT SIDE ELEVATION 'B' LEFT SIDE ELEVATION 'A' A8 REAR ELEVATION 'B' & 'D'

> REAR ELEVATION 'A' & 'C' TYPICAL CROSS SECTION - SEMI (BRICK) A10 FRONT ELEVATION 'C'

FRONT ELEVATION 'D' ROOF ELEV This the builder's complete responsibility to ensure that all plans submitted for approval [Dilly comply with the Architectural Guidelines ACI LEFT SIDE ELEVATING Comply with the Architectural Guidelines and all applicable regulations and requirements

A12 LEFT SIDE ELEVATING Solving provisions and any provisions

Architecture supporting and any provisions and any provisions are compared to the control of the co

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date dwn chk revisions 20-SEPT-19 SL JM ISSUED FOR CLIENT REVIEW REVISED PER ELOOR/TRUSS COORD 31-Oct-19 JM JM 3 ISSUED FOR ENGINEER REVIEW 31-Oct-19 JM JM 4 REVISED PER ENG. COMMENTS 19-Nov-19 JM JM 27-Nov-19 JM JM 5 ISSUED FOR PERMIT

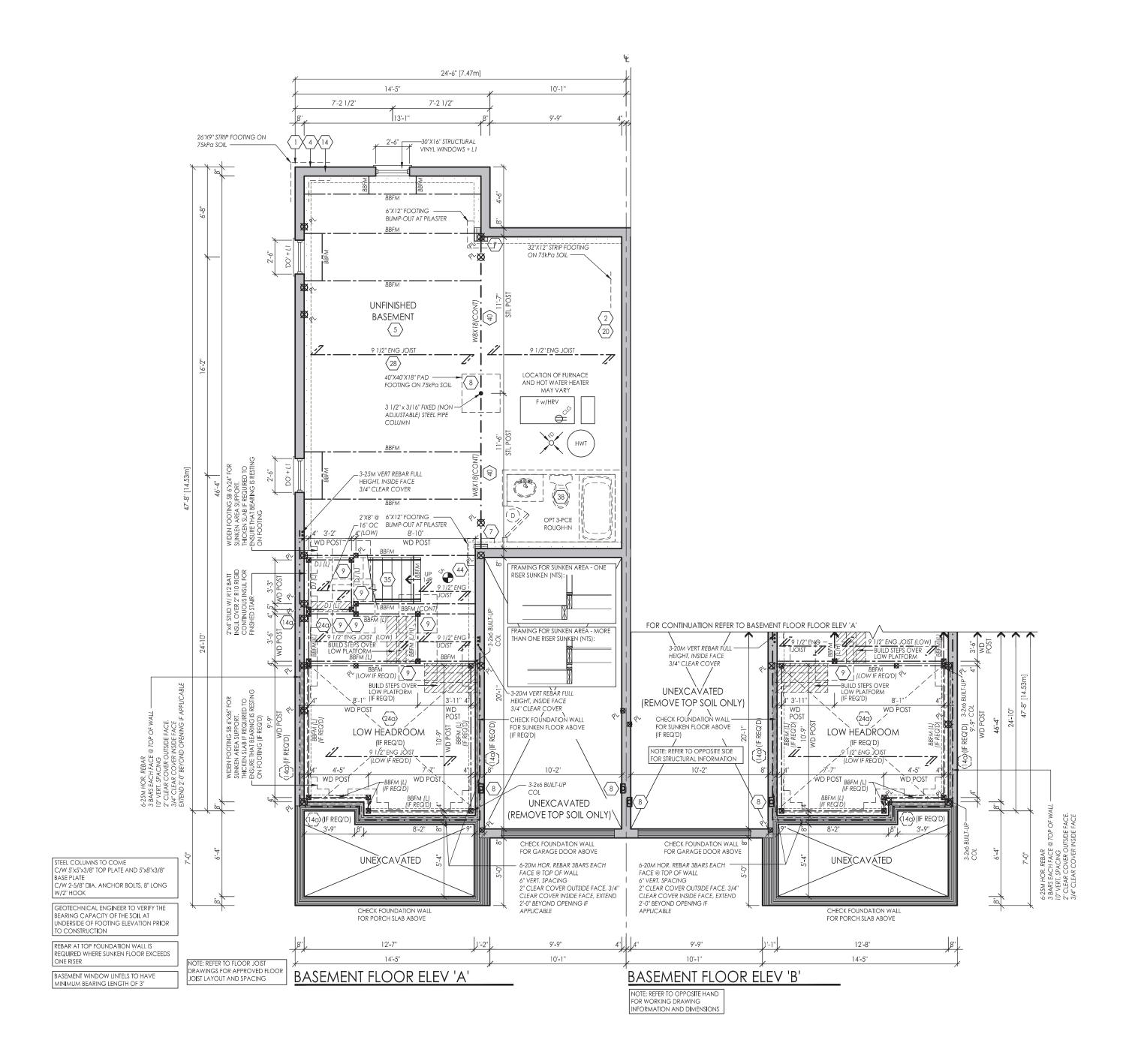
SD-10

19037 3/16" = 1'-0"

Gold Park Homes

**ENCORE 2** Brampton

THE STRAVINSKY





I. JORGE MORENO DECLARE THAT I HAVE REVIEWED AND TAKEN 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:

27-NOV-19

SIGNATURE:

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JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW APPROVED BY: DATE: NOV 26, 2019



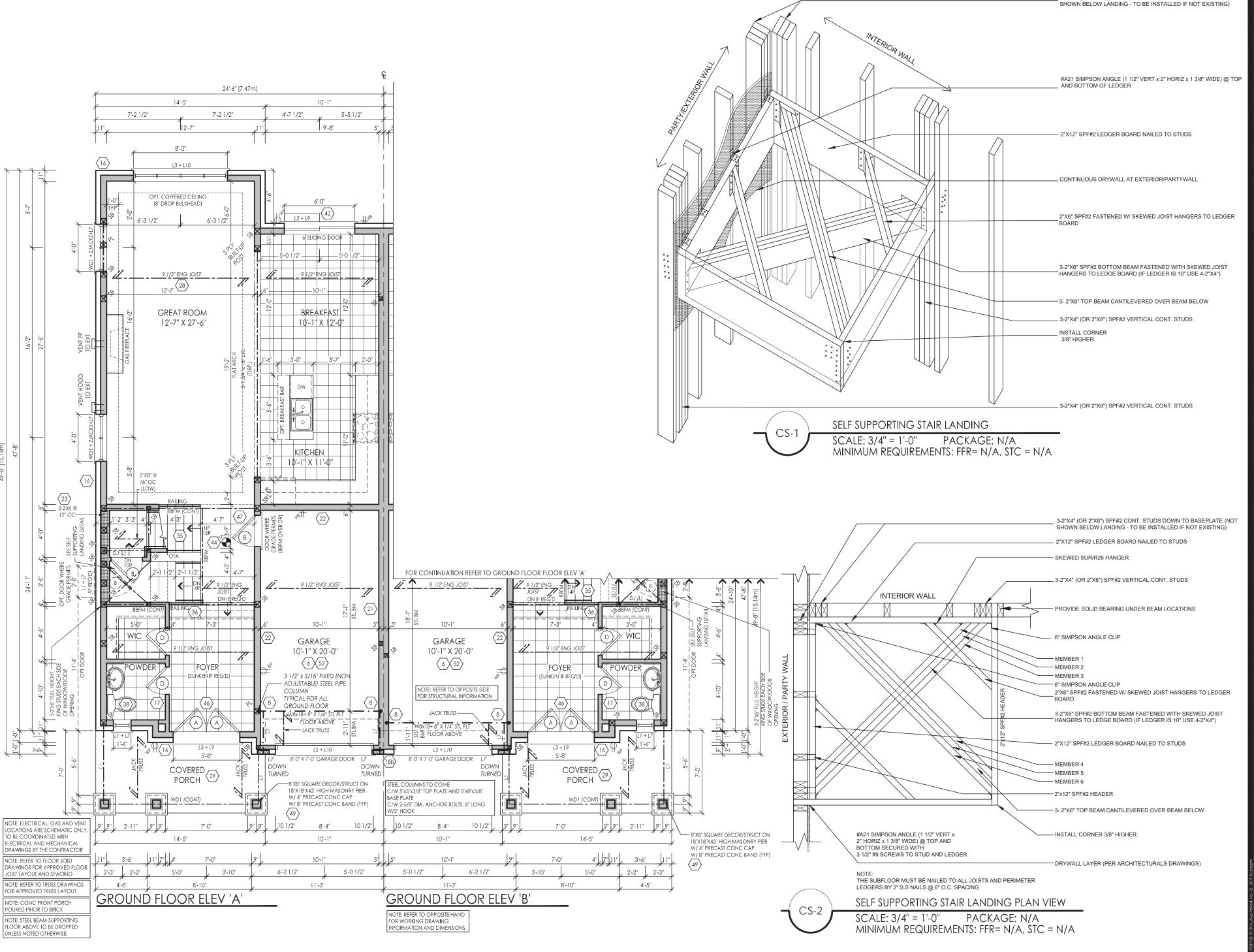


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| # | revisions                             | date       | dwn | chk |
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| J | ISSUED FOR CLIENT REVIEW              | 20-SEPT-19 | SL  | JM  |
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Gold Park Homes

ENCORE 2 Brampton SD-10 THE STRAVINSKY 19037 3/16" = 1'-0"





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QUALIFIED DESIGNER BCIN FIRM BCIN:

). Wy

27-NOV-19

SIGNATURE:

3-2"X4" (OR 2"X6") SPF#2 CONT. STUDS DOWN TO BASEPLATE (NOT

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AND APPROVAL

APPROVED BY:

DATE: NOV 26, 2019

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PROFESSIONAL TO SELL PROFESSIONAL

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client

Gold Park Homes

ENCORE 2

Brampton

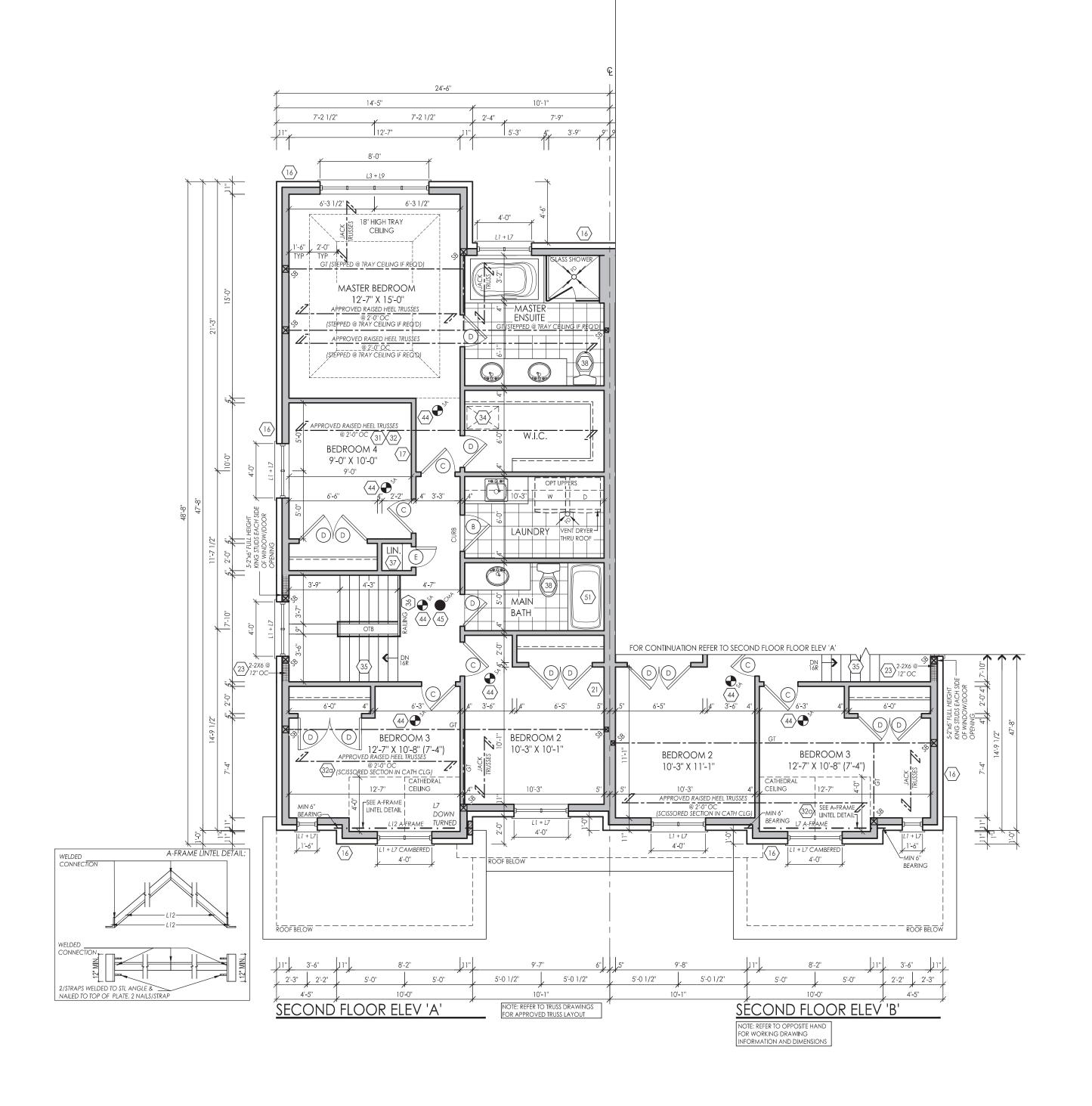
SD-10 THE STRAVINSKY

project # 19037

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QUALIFIED DESIGNER BCIN:

26995 27-NOV-19

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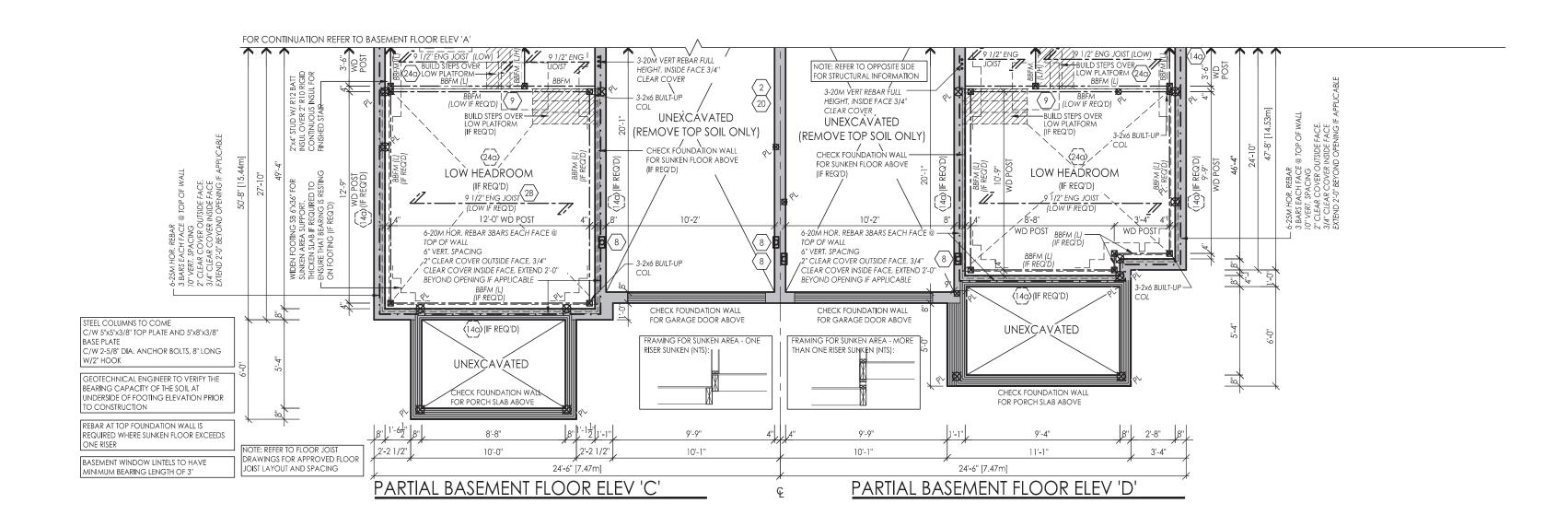


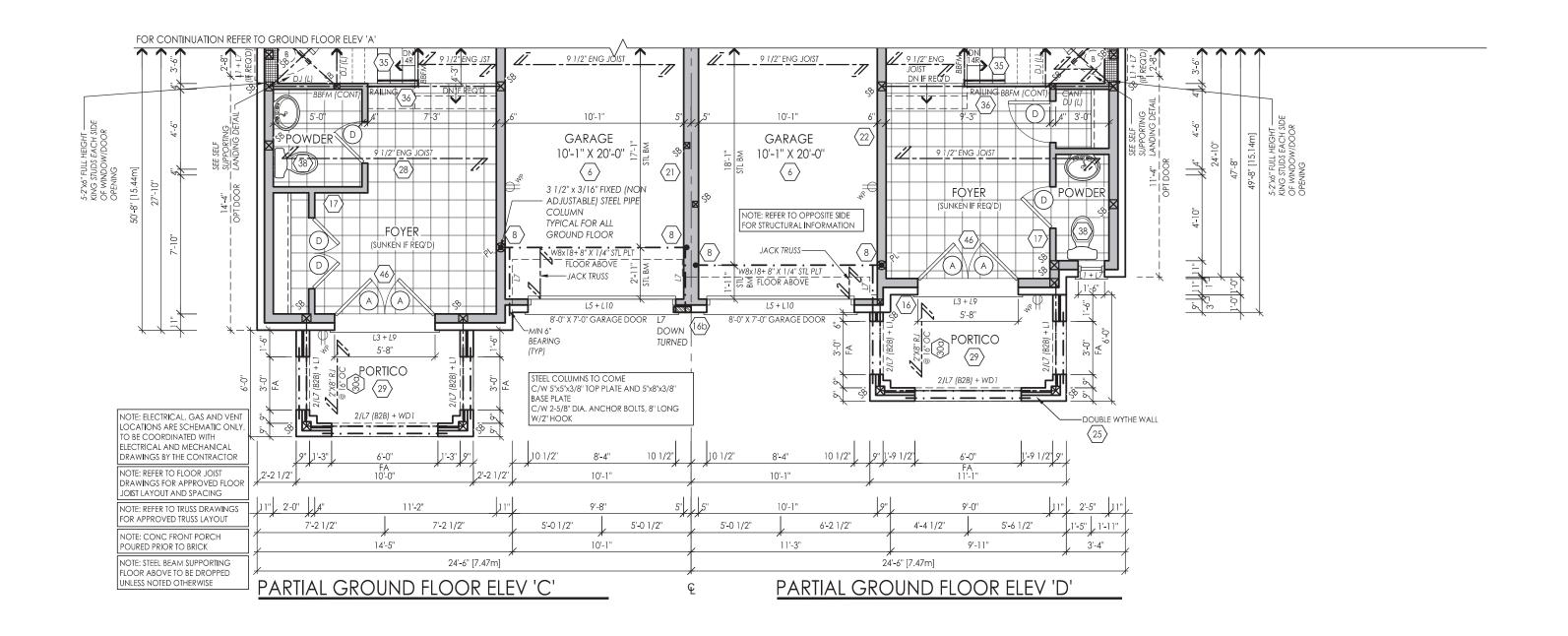
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Gold Park Homes

ENCORE 2 Brampton SD-10 THE STRAVINSKY 19037 3/16" = 1'-0"







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client

Gold Park Homes

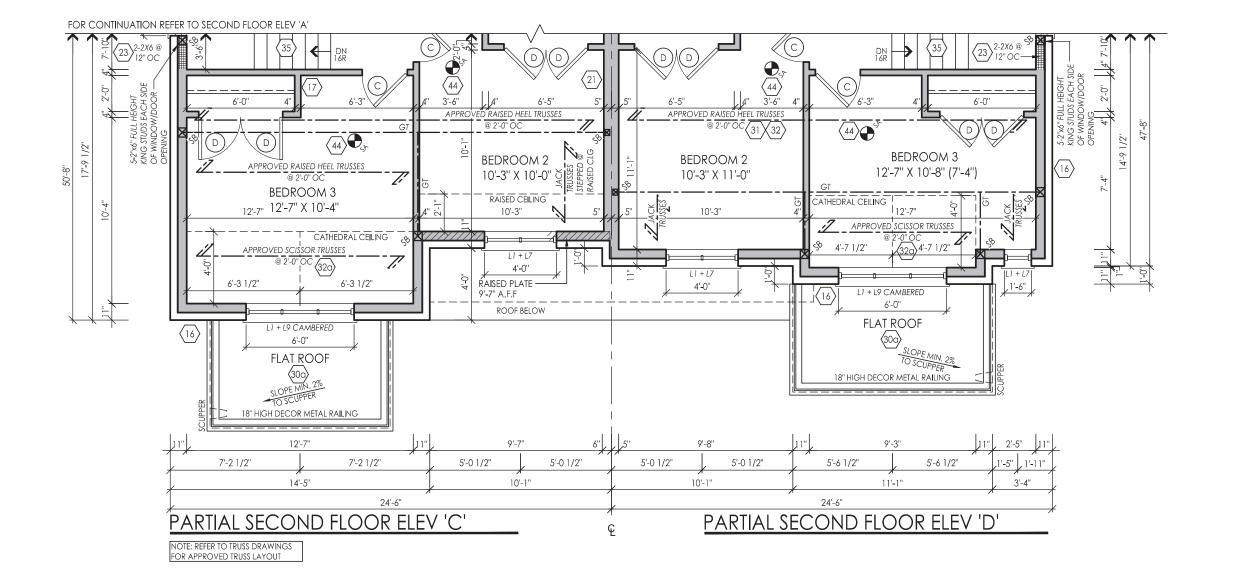
Brampton

SD-10

THE STRAVINSKY

project # 19037

scale 3/16" = 1'-0"





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QUALIFIED DESIGNER BCIN: FIRM BCIN:

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47245 26995 27-NOV-19

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:
DATE: NOV 26, 2019

This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.





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Gold Park Homes

Project

ENCORE 2

Brampton

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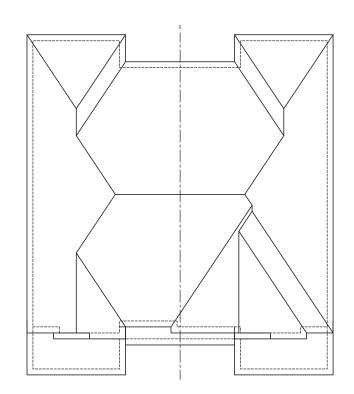
SD-10

THE STRAVINSKY

project # 19037

scale 3/16" = 1'-0"

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ROOF ELEV 'A'

ROOF ELEV '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" OC 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 NOTE: UNLESS OTHERWISE DRAWINGS FOR NOTED, ROOF APPROVED TRUSS LAYOUT OVERHANGS ARE 12" STANDARD

NOTE: REFER TO STREETSCAPES FOR POSSIBLE MINOR

### GROSS GLAZING AREA-ELEV A

| TOTAL PERIPHERAL WALL AREA | 2816.92 SF       | 261.70 m |
|----------------------------|------------------|----------|
| FRONT GLAZING AREA         | <b>64.7</b> 1 sF | 6.01 m   |
| LEFT SIDE GLAZING AREA     | 78.67 SF         | 7.31 m   |
| RIGHT SIDE GLAZING AREA    | 0.00 sf          | 0.00 m   |
| REAR GLAZING AREA          | 131.90 sf        | 12.25 m  |
| TOTAL GLAZING AREA         | 275.28 SF        | 25.57 m  |
| TOTAL GLAZING PERCENTAGE   | 9.77 %           |          |

### GROSS GLAZING AREA-ELEV B

| TOTAL PERIPHERAL WALL AREA                     | 2818.27 SF          | 261.83 m <sup>2</sup> |
|--|---------------------|-----------------------|
| FRONT GLAZING AREA                             | 64.71 SF            | 6.01 m <sup>2</sup>   |
| LEFT SIDE GLAZING AREA                         | 0.00 SF             | 0.00 m <sup>2</sup>   |
| RIGHT SIDE GLAZING AREA                        | 78.67 SF            | 7.31 m <sup>2</sup>   |
| REAR GLAZING AREA                              | 130.33 SF           | 12.11 m <sup>2</sup>  |
| TOTAL GLAZING AREA<br>TOTAL GLAZING PERCENTAGE | 273.71 SF<br>9.71 % | 25.43 m²              |





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QUALIFIED DESIGNER BCIN: FIRM BCIN:

27-NOV-19

SIGNATURE:

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JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL 

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| 3 | ISSUED FOR ENGINEER REVIEW | 31-Oct-19  | JM  | JM  |
| 5 | ISSUED FOR PERMIT          | 27-Nov-19  | JM  | JM  |
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Gold Park Homes

ENCORE 2 Brampton SD-10 THE STRAVINSKY 19037 3/16" = 1'-0"





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QUALIFIED DESIGNER BCIN: FIRM BCIN:

47245 26995 27-NOV-19

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:

DATE: NOV 26, 2019

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Gold Park Homes

ENCORE 2

Brampton

SD-10 THE STRAVINSKY

ct # 19037

scale 3/16" = 1'-0"

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Gold Park Homes

ENCORE 2

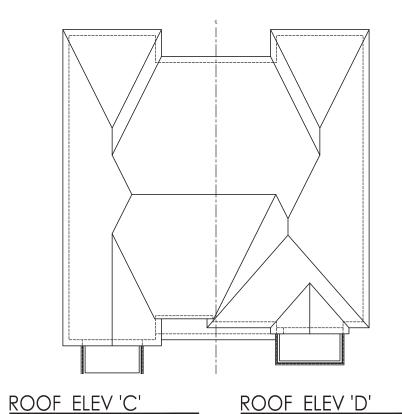
Brampton

SD-10 THE STRAVINSKY

19037

scale 3/16" = 1'-0"

page



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 VERTICAL POST TO THE TRUSS UNDER, AT EACH CROSS POINT. POSTS LONGER THAN 6' TO BE LATERALLY BRACED SO THAT THE DISTANCE BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'.

| BRACING DOES NOT EXCEED 6'.                                   |  |  |
|---|--|--|
| NOTE: REFER TO TRUSS<br>DRAWINGS FOR<br>APPROVED TRUSS LAYOUT | NOTE: UNLESS OTHERWISI<br>NOTED, ROOF<br>OVERHANGS ARE 12"<br>STANDARD |  |
| NOTE: REFER TO STREETSCA                                      | PES FOR POSSIBLE MINOR   |  |

CHANGES DUE TO GRADING CONDITIONS

# GROSS GLAZING AREA-ELEV C

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|----------------------------|------------|---------------------|
| Total Peripheral Wall Area | 2893.92 SF | 268.85 m²           |
| FRONT GLAZING AREA         | 70.62 sf   | 6.56 m <sup>2</sup> |
| LEFT SIDE GLAZING AREA     | 78.67 SF   | 7.31 m <sup>2</sup> |
| RIGHT SIDE GLAZING AREA    | 0.00 sf    | 0.00 m <sup>2</sup> |
| REAR GLAZING AREA          | 130.33 sf  | 12.11 m²            |
| TOTAL GLAZING AREA         | 279.62 SF  | 25.98 m²            |
| TOTAL GLAZING PERCENTAGE   | 9.66 %     |                     |

### GROSS GLAZING AREA-ELEV D

| TOTAL PERIPHERAL WALL AREA                     | 2816.92 SF           | 261.70 m² |
|--|----------------------|-----------|
| FRONT GLAZING AREA                             | 80.37 SF             | 7.47 m²   |
| LEFT SIDE GLAZING AREA                         | 0.00 SF              | 0.00 m²   |
| RIGHT SIDE GLAZING AREA                        | 78.67 SF             | 7.31 m²   |
| REAR GLAZING AREA                              | 130.33 SF            | 12.11 m²  |
| TOTAL GLAZING AREA<br>TOTAL GLAZING PERCENTAGE | 289.37 SF<br>10.27 % | 26.88 m²  |





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QUALIFIED DESIGNER BCIN: FIRM BCIN:

BCIN:

26995 27-NOV-19

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:

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Gold Park Homes

Project

ENCORE 2

Brampton

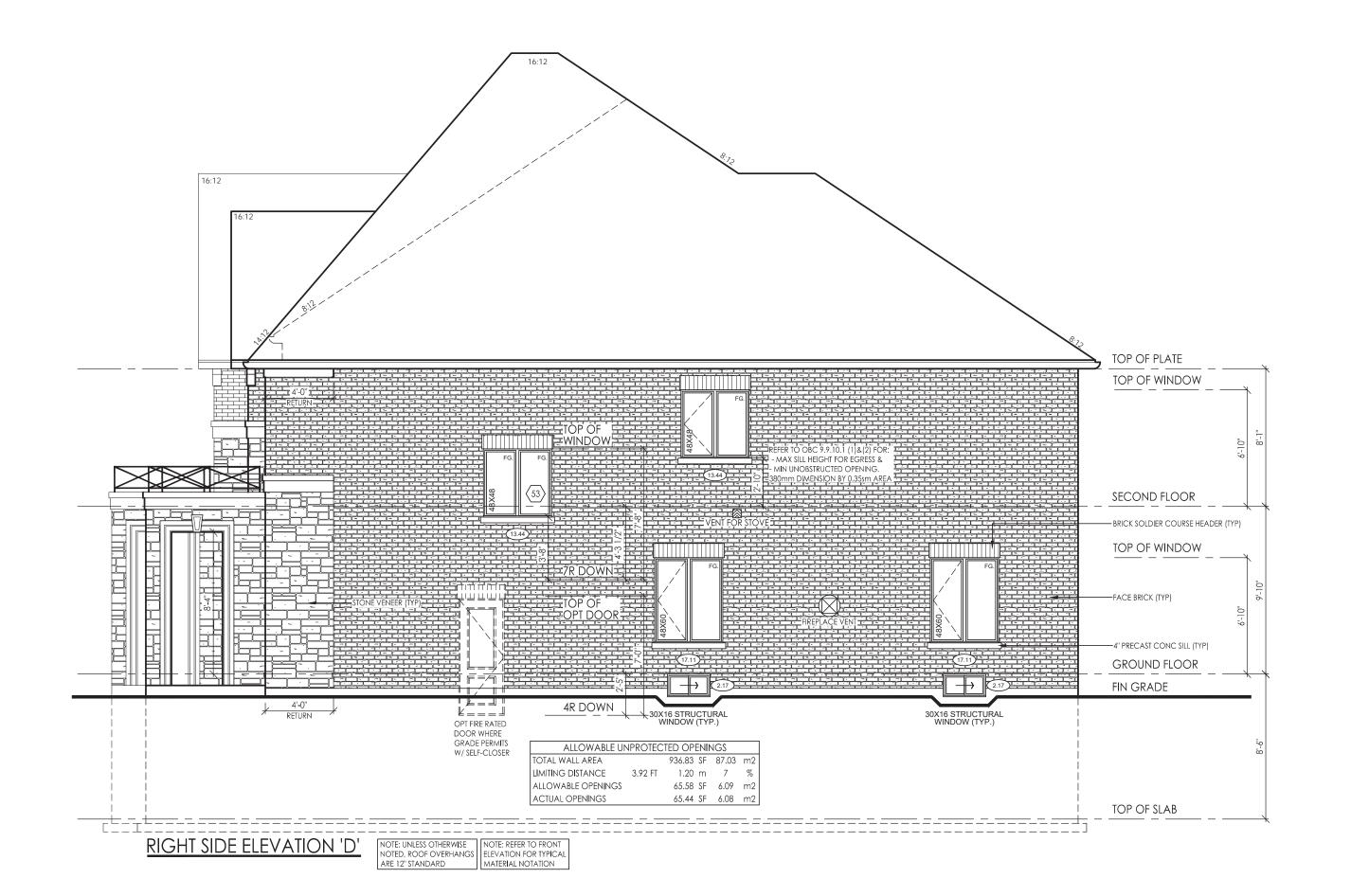
model

SD-10

THE STRAVINSKY

project # 19037

scale 3/16" = 1'-0"





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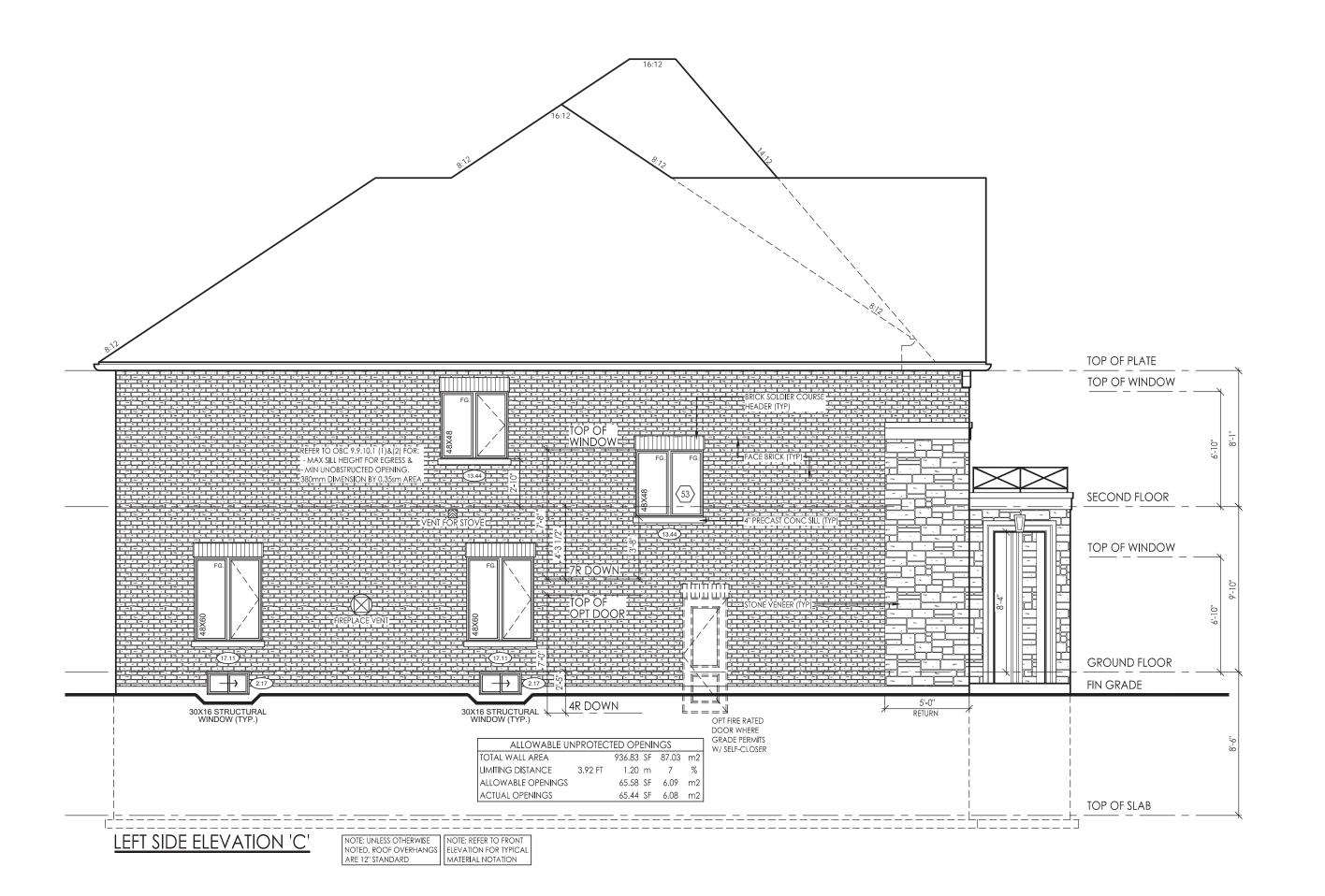
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Gold Park Homes

| project   | ENCORE 2       |
|-----------|----------------|
|           | Brampton       |
| model     | SD-10          |
|           | THE STRAVINSKY |
| project # | 19037          |
| scale     | 3/16" = 1'-0"  |





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Gold Park Homes

ENCORE 2 Brampton SD-10 THE STRAVINSKY 19037 3/16" = 1'-0"