(UNLESS OTHERWISE NOTED)
-ALL CONSTRUCTION TO CONFORM TO THE ONTARIO
BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES -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 N/ 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) 1) TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

-FTG TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE -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)

TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS) O.B.C. 9.15.3.6.
-1 STOREY MASONRY - 16" X 4" [410mm X 100mm]
-1 STOREY STUD - 12" X 4" [305mm X 100mm]
-2 STOREY MASONRY - 26" X 9" [650mm X 230mm]
-2 STOREY STUD - 18" X 5" [450mm X 130mm]
-3 STOREY MASONRY - 36" X 14" [900mm X 360mm]

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

DRAINAGE TILE OR PIPE:

- 24" X 8" (600mm X 200mi

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/57/8" (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. DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR

-DAMPPROOF BELOW SLAB W/ MIN. JUJO (10.15mm) POLYEIHYLENE OR TYPE 'S' ROLL ROOPING 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 FLOOR DRAIN PER O.B.C.9.31.4.4. -R10 (RSL1.76) INSULATION AT PERIMETER 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 LÉVEL (O.B.C. SB-12 -2.1.1.6 (5))
- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTAR STANDARD (O.B.C. SB-9)

5a SLAB ON GROUND: -3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3. -3" (75mm) CONCREIE SLAB -0.B.C. 9.16.4.3.
-2200psi (15Mpa) AFTER 28 DAYS -0.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
-R.10 (RS1 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (600mm) OF GRADE. 4" (100mm) OF COURSE GRANULAR MATERIAL

PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C. 9.13.3. -FLOOR DRAIN PER O.B.C.9.31.4.4. UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY

STANDARD (O.B.C. SB-9) 6 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 I" (100mm) OF COURSE GRANULAR MATERIA ANY FILL PLACED UNDER SLAB, OTHER THAN COURSE CLEAN GRANULAR 7 PILASTERS:

PILASTER -CONCRETE NIB - 4" X 12" (100mm X 300mm)

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

4" (100mm) INTO FDN. WALL W/ WIDTH TO MATCH BEAM SIZE.

-1/2" (13mm) SPACE AROUND WOOD BEAMS (0.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

DAD 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 -FOR WOOD BEAMS, MIN. 4"X4"X1/4" [100mmX 100mm X 6.35mm] STEEL TOP

& BTM, PLATES, OR TOP PLATE TO EXTEND MIN, WIDTH OF BEAM ADJUSTABLE COLUMNS TO CONFORM TO CAN//CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.)
COL. SPACING: FTG SIZE: -MAX. 9'-10" (2997mm) - 34" X 34" X 16" (860mmX 860mmX 400mm) -MAX. 16'-0" (4880mm) - 44" X 44" X 21" (1120mmX 1120mmX 530mm)

-MAX. 9'-10" (2997mm) - 40" X 40" X 19" - 51" X 51" X 24" (1295mmX 1295mmX 610mm) WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX 6mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS 9 WOOD COLUMN:

O.8.C. 9.17.4.1. -5 1/2" X 5 1/2" (140mm X 140mm) SOLID WOOD COLUMN. METAL SHOE ANCHORED TO FOOTING 25" X 25" X 12" (640mmX 640mmX 300mm) CONC, PAD (1 FLOOR SUPPORTED W/ 9'-10" COL. SPACING) 34" X 34" X 14" (860mmX 860mmX 360mm) CONC. PAD (2 FLOORS JPPORTED 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 -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 1 WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE

FIWEEN 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

WALL ASSEMBLIES: 14 FOUNDATION WALL:

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

-8" (200mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 3"-11" [1200mm) & MAX. SUPPORTED HEIGHT OF 7"-0" (2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
-FOR WALLS NOT EXCEEDING 9"-0" (2750mm) IN LATERALLY SUPPORTED

HEIGHT.

-10" (250mm) SOUID 2200psi (15MPa) CONCRETE

-MAX. UNSUPPORTED HEIGHT OF 4"-7" (1400mm) & MAX. SUPPORTED HEIGH

-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 LOISTS FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNA CONFORMANCETO O.B.C.-19.115.4.1 SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.-PART 4

"MALL SHALL EXTEND A MIN. 5.7/8" (150mm) ABOVE GRADE INSULATE W/ R12 (RSI 2.11) FROM UNDERSIDE OF SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT ZONE 1. O.B.C. T.2.1.1.2.A.)

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

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 HAN 3-1/2" (90mm) THICK. TIE TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7 7/8" (200mm

DAMPPROOFING & WATERPROOFING:

DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. WHERE INSULATION EXTENDS TO MORE THAN 4'-9" (1450mm) BELOW GRADE -WHERE INSULATION EXTENDS TO MORE THAN 4-9" (1430mm) BELOW GRAD 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. 9.13.3.3.(3)
-WHERE HYDROSTATIC PRESSURE OCCURS, FDN. WALLS SHALL BE WATERPROOFED AS PER O.B.C. 9.13.3. -WALLS THAT ARE WATERPROOFED DO NOT REQUIRE DAMPPROOFING

140 FOUNDATION WALLS @ UNSUPPORTED OPENINGS: -2-20M BARS IN TOP PORTION OF WALL (UP TO 8'-0" OPENING) 2-2-20M BARS IN TOP PORTION OF WALL (8°-0" TO 10°-0" OPENING) 3-20M BARS IN TOP PORTION OF WALL (8°-0" TO 10°-0" OPENING) -4-20M BARS IN TOP PORTION OF WALL (10°-0" TO 15°-0" OPENING) -BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL -BARS TO HAVE MIN. 2" (50mm) CONCRETE COVER
-BARS TO EXTEND 2'-0" (600mm) BEYOND BOTH SIDES OF OPENING 15 FRAME WALL CONSTRUCTION:

O.B.C. 9.23. -SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED -SIDING OR STUCCO AS PER LEVATIONS, MIN. 7 //6 (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 &" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (20NE 1. O.B.C. T.2.1.1.2.A.)
-CONTINUOUS ABITVAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4... 1/2" (12.7mm) GYP\$UM 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. S8-3 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 INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.
-REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE
"X" GYPSUM BOARD.

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING: NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS)

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:

-SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.) 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. -1 1/2 (politin) no (not rary) and an array (p. 27.3.4.)

-BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO 8TM. PLATE FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO 8TM. 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 (ZONE 1. O.B.C. T.2.1.1.2.A.)

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

9.25.4.
-1/2" (12.7mm) GYPSUM BOARD.
NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C.

REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.8.C. S8-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTÉ AND/OR ADD THE FOLLOWING MATERIALS:
-ADD 1/4" (shmt) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD.
-REPLACE 814 (RS) 2.46) INSULATION WITH 814 (RS) 2.46) ABSORPTIVE
INSULATING MATERIAL WITH A MASS OF AT IEAST 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: 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:

-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 THE FOLLOWING MATERIALS: THE POLLOWING MALERIALS. -ADD ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE"X' GYPSUM BD. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): -REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).

/inyl siding is permitted per O.B.C. 9.10.15.5.(3). Over sheathing PAPER OVER 1/2" (12.7mm) GYPSUM EXTERIOR SHÉATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

(16) BRICK VENEER CONSTRUCTION: -3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX. HEICHI -MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING

-PROVIDE WEEP HOLES @ 2'-7" (800mm) O.C. @ BTM. COURSE & OVER -BASE FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING MEMBRANE (O.B.C. 9.20.13.6.(2) -PRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER -1" (25mm) AIR SPACE -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. /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 (RSL3 87) INSULATION (70NF LO 8 C. T 2 1 1 2 A.) CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.-9.2!
8. 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" % 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 = EWI b (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: O.B.C. 9.23. -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. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER -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

(25mm) AIR SPACE
1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/TAPED JOINTS (O.B.C. 9.27.3.4.)
-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm)
O.C. ON BOTTOM FLR. WHEN 3 STOREYS
-BRACE WY CONT. 16 GAUGE STEEL "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 DUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

-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 = EW16 (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD FUR 43 MINUTE FIRE RATED WALL REQUIREMENTS SOSTING FOR THE FOLLOWING MATERIALS:
-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. -REPLACE R14 [R812.46] INSULATION AND WOOD STUD.
-REPLACE R14 [R812.46] INSULATION WITH R14 [R812.46] 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. 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. 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. .20.10 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C.

-2. A 4 (38mmA 89mm) WOOD STOUS @ 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. S8-3 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/ 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. 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" SOTTOM 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
-SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVEN SMOKE PASSAGE 12" [12 7mm] GYPSHM BOA PO W / TA PED HOINTS 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 ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. 8.9.25.4.
2" X 4" (38mmX 89mm) WOOD STRAPPING @ 16" (400mm) O.C.
820 (RSI 3.52) RIGID INSULATION
7-7 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 REQ. INSULATION VALUES:

INSULATION VALUES PROVIDED BY CAN/CSA-F280-M90 -RIGID INSULATION = 20.00 -LOW DENSITY CONCRETE BLOCK ≈ 1.70 WOOD FRAME W/ GYPSUM -AIR FILM - MOVING

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
AREA, O.B.C. T.3.2.2.47,
-1/2" (12.7mm) GYPSUM BOARD W/TAPED JOINTS -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES SOUND ARSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY -3-OUND ABSORTIVE MATERIAL EACH SIZE FILLING FOR SET RECEATED TO 172" (190mm) CONC. BLOCK, MIN. 2 HR. FIRER-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 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. HROUGH 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:

0.8.C., Y.13.4.2. -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

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 POOTINGS TO THE U/S OF ROOF DECK

-2 ROWS 2"X4" (38mmX 89mm) STUDS @ 16" (400mm) O.C. W/ SEPARATE
2" X 4" (38mmX 89mm) BOTTOM 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.

(22) 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 1-APE AND SEAL ALL JOINTS GAS TIGHT -R22 [RSI 3.87] INSULATION IN WALLS. -822 (RS) 537) 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)

REQUIRED GARAGE AREA (REFER TO MUNICIPAL STANDARDS),
-1/2" (12.7mm) CYPSUM BOOARD
-ROOF FRAMING MEMBERS ARE FASTENED TO FOP PLATES WITH
4-3 1/4" (BZmm) TOE NAILS
-BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR
RIM JOIST WITH 3 1/4" (BZmm) NAILS AT 7 7/8" (200mm) O.C.

220 WALLS ADJACENT TO ATTIC SPACE: -1/2" (112.7mm) 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: -3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING -STOP (2-3) FINITY 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. O.B.C. T.2.1.1.2.A.) CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C

24 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

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 -FLOOR 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. -2" X 4" [38mm X 89mm] PLATE
-1/2" (12.7mm) DIA. ANCHOR BOLTS @ 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

27 BRIDGING & STRAPPING: O.B.C. 9.23.9.4.
a) STRAPPING
-I"X3" (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

5'-11" (2100mm) O.C. -9 (8 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 S ATTACHED DIRECTLY TO JOISTS. 28 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 29 PORCH SLABS ABOVE COLD CELLAR:

O.B.C. 9.39.1.4. -REINFORCED CONCRETE SLABS ABOVE COLD CELLARS THAT ARE SUPPORTED ON FOUNDATION WALLS NOT TO EXCEED 8-2"

4 7/8" (125mm) 4650 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT

-REINFORCE WITH 10M BARS @ 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. (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"
[15.9mm] EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X4" WOOD PURLINS
[CUT DIAGONALLY] @ 12" O.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C.

(OR AS NOTED ON PLAN)
- EXTERIOR GUARD AS PER #36a - STORE ASSEMBLY MINIMINA 2% TO ROOF SCHEPER 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

-SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT

-ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS -ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. -ADD 5/8" (15,9mm) GYPSUM BOARD W/ PAINTED CEILING OR -XTERIOR FLAT ROOF ASSEMBLY:

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 -ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS

-ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & Y.2.9.4. -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

(31) TYPICAL ROOF:

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. -5.1ARIER STRIP AS PER O.B.C. 7.26.7.2. 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

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.

32 CEILING: -R50 (RSI 8.8) INSULATION -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. 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.)

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 -EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE ROOP 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 OSS (0-2 GRADE) WITH "H" CUPS.
-2" x8" (138mm x 184mm) @ 16" O.C. W/ 2" x2" (138mm 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)
-2-31 (PSI 5.46) INSULIATION -R31 (RSI 5.46) INSULATION -MIN, 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. CONVENTIONAL FRAMING:

Smoke alarm 🐠

VENTS AND INTAKES

COLD CELLAR VENT (50)

WATERPROOF

HOSE BIB

STOVE VENT

DRYER VENT

DOUBLE JOIST

G.T. GIRDER TRUSS

PRESSURE TREATED

A.F.F. ABOVE FINISHED FLOOR

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

4" X 3-1/2" X 1/4" L L14 5-7/8" X 3-1/2" X 1/2" L

FIRE PLACE VENT

#

P.T.

2/ 2" X 8" SPR

2/ 2" X 10" SPR

2/ 2" X 12" SPR

DUPLEX OUTLET

O.B.C. TABLE A6 OR A -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9' -2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS -2 A4 [3981111/3071111] COLLAN ILLS AN INDEX AND CELLING JOSTS 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.

**(G**)

FG

LINTELS

CARBON MONOXIDE ALARM (CMA) (45)

EXT. LIGHT FIXTURE

(WALL MOUNTED)

HYDRO METER

GAS METER

FLOOR DRAIN

₩ POINT LOAD

U/S UNDER SIDE

GB GLASS BLOCK

BG BLACK GLASS

L10 4-7/8" X 3-1/2" X 5/16" L L15 5-7/8" X 4" X 1/2"

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

FLAT ARCH

2 STORY WALL

FIXED GLAZING

L11 4-7/8" X 3-1/2" X 3/8" L L16 7-1/8" X 4" X 3/8" L WD12 2/1 3/4" X9 1/2" (2.0E) LVL

SOLID BEARING 110 BE SAME WIDTH AS

**LEGEND** 

34 ATTIC ACCESS HATCH: O.B.C. 9.19.2.1. -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 -MIN. RUN -MIN. TREAD = 7-7/8" (200mm) = 8-1/4" (210mm) = 9-1/4" (235mm) = 1" (25mm) -MAX. NOSING = 1" -MIN. HEADROOM = 6'-5" = 6'-5" (1950mm) = 2'-10" (860mm) (BETWEEN WALL FACES) (EXIT STAIRS, BETWEEN GUARDS)

ANGLED TREADS: -MIN. RUN = 5 7/8" (150mm) -MIN. AVG. RUN = 7 7/8" (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.8.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)

-ONE HANDRAIL IS REQUIRED ON CURVED STAIRS OF ANY WIDTH WITHIN **DWELLING UNITS** HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION

<u>HEIGHT:</u>
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 WIDTH OF THE STAIR

350 PUBLIC STAIRS:

O.B.C. 9.8.4. = 7-3/32" (180mm) -MIN. RUN = 11"
-MIN. READ = 11"
-MAX. NOSING = 1"
-MIN. HEADROOM = 6-9" -MIN. WIDTH (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: 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

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

- 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"

300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR AS FINISH: 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

ANDING 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

360 EXTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3.

-GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN ARDS TO BE 3'-6" (1070mm) -GUARDS TO BE 3\*-6" (10/0mm)
F-OR DWEILING UNITS GUARDS TO BE A MIN. OF 2\*-11" (900mm) HIGH
F-OR DWEILING UNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WAI
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

Sob 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. 7.0.0.2. OK JEOR DWELLING LINITS GLIARDS TO BE 3'-4" WHERE FLOOR TO -FOR DWELLING UNITS GUARUS TO BE 3-6 WHERE FLOOD 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.

EMBEDMENT TO STUDS. -PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION. 37 -LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP

-WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR, O.B.C.- 9.32.1.3.(3) 39 -CAPPED DRYER VENT

40 -1"X2" (19mmX38mm) BOTH SIDES OF STEEL. -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 **DOORS** 865x2030x45 (2'10''x6'8''x1-3/4

B 815x2030x35 (2'8"x6'8"x1-3/8") 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") 610x2030x35 (2'0"x6'8"x1-3/8") OVER SIZED EXTERIOR DOO STEEL BEAMS ST2 W 6 X 20 ST3 W 8 X 18 ST4 W 8 X 21 ST5 W 8 X 24 WOOD BEAMS /D1 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

WD10 2/1 3/4" X7 1/4" (2.0E) LVL

WD11 3/13/4" X7 1/4" (2.0E) LV

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

WD14 2/1 3/4" X11 7/8" (2.0E) LV

WD15 3/13/4" X11 7/8" (2.0E) LV

100184942 Areas: MAR 0 4 ZUIG ELEVATION 'B' VCE OF ON SM SF SM 681.5 63.3 GROUND FLOOR PLAN 681.5 63.3 (0) (2) MAIN FLOOR PLAN 1174.8 109.1 1167.8 108.5 (0.4)(4.7)(0) (2) (0.4)(4.7 MAIN FLOOR PLAN OTB SECOND FLOOR PLAN (0) (1) (2) 1167.8 108.5 1167.8 108.5 TOTAL AREA (0) 3019.4 280.5 3012.4 279.9 OPT, GROUND FLOOR (1) 681.5 63.3 681.5 63.3 109.1 108.5 OPT, MAIN FLOOR PLAN (1) 1174.8 1167.8 OPT. MAIN FLOOR PLAN OTB (1) (4.7)(0.4)(4.7)(0.4)TOTAL AREA (1) 3019.4 280.5 3012.4 279.9 TOTAL AREA (2) 3019.4 280.5 3012.4 279.9 COVERAGE INC PORCH 1217.3 113.1 1210.3 112.4 108.5 COVERAGE NOT INC PORCH 1174.8 109.1 1167.8

ROFESSIONA

44 SMOKE ALARM, O.B.C.- 9.10.19. PROVIDE 1 ON EACH FLOOR INCLUDING BASEMENTS -PROVIDE I ON EACH FLOOR INCLUDING BASEMENTS
-PROVIDE I IN EACH BEDROOM
-PROVIDE I 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 ALARMS MUST BE HARDWIRED AND HAVE AN ALTERNATE POWER SOURCE THAT CAN POWER ALARM FOR 7 DAYS, FOLLOWED BY 4 MINUTES OF ALARM

CARBON MONOXIDE ALARM (CMA), O.B.C.-9.33.4. 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 SIDELICHT 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) 48 -TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE FLOOR EXCEPT;

1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY

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

49 EXTERIOR COLUMN W/ MASONRY PIER:

-MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/ METAL SADDLE. -TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWINGS. -14" X 14" MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. -REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4.
-3/4" AIR SPACE AROUND POST.

-MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE. -14" X 14" MASONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP. NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" POST PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4.

EXTERIOR COLUMN: MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR. SURROUND (PER ELEVATION DRAWINGS) ANCHORED TO PORCH SLAB W METAL SAUDLE
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE 6" X 6" ABOVE PROVIDED THAT THEY ARE IN ACCORDANCE WITH O.B.C. 9.17.4.

50 COLD CELLARS: FOR COLD CELLARS PROVIDE THE FOLLOWING: -VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA. -COVER VENT W/ BUG SCREEN

-WALL MOUNTED LIGHT FIXTURE
-L1+L7 FOR DOOR OPENING
-2-2" X 6-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7)
-INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.11)

51 STUD WALL REINFORCEMENT: O.B.C. 9.5.2.3.

-WALL STUDS ADJACENT TO WATER CLOSETS & SHOWER BATH TUBS IN MAIN BATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(3)(a)&(c) & 3.8.3.13.(2)(f) &

GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2) FRAME CONSTRUCTION: -ALL FRAMING LUMBER TO BE NO.1 AND NO. 2 SPF UNLESS NOTED -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 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" (800mm) AND 6'-7" (2000mm PARALLEL PARTITIONS
-SEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE

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 X 184mm)
-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED

MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER.

WINDOWS: -WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER
-WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL
HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF -AN ENERGY RATING OF NOT LESS THAN 21 FOR OPERABLE WINDOWS & 31 FOR FIXED WINDOWS BASEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL BE DOUBLE GLAZED WITH LOW-E COATING
-SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

2.8 W/(m2.K)
-FOR GROSS GLAZED AREAS LESS THAN 17% ADDITIONAL COMPLIANCE ALTERNATIVES FOR PACKAGE J. ADDITIONAL COMPTIANCE ALTERNALISTS FOR PACKAGE J.

-THE MINIMUM R (RS) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE
GRADE WALLS IS PERMITTED TO BE NO LESS THAN R20 (RS) 3.52) PROVIDED;
THAT THE WINDOWS AND SLIDING GLASS DOORS HAVE A MAXIMUM U-VALUE
OF 1.6, OR THE THERMAL INSULATION VALUE IN BASEMENT WALLS HAS A
MINIMUM R20 (RS) 3.52).

-WHERE BLOWN-IN INSULATION OR SPRAY-APPLIED FOAM INSULATION IS USED, THE MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE GRADE WALLS IS PERMITTED TO BE NO LESS THAN R20 (RSI 3.52) PROVIDED THE THERMAL INSULATION VALUE IN A CEILING WITH AN ATTIC SPACE IS

NOT LESS THAN R60 (RSI 10.55), b) THE MINIMUM EFFICIENCY OF THE HRV IS INCREASED BY NOT LESS THAN 8 PERCENTAGE POINTS E) THE MINIMUM AFUE OF THE SPACE HEATING EQUIPMENT IS INCREASED B NOT LESS THAN 2 PERCENTAGE POINTS. HE MINIMUM EF OF THE DOMESTIC HOT WATER HEATER IS INCREASED BY

202 SICUCIUMAL ONLL

♦ CLIENT SPECIFIC REVISIONS

REVISED AS PER FLOOR & TRUSSES COORD. 9-Jun-15 RPA DJH 4 REVISED AS PER ENGINEERING COMMENTS 3-Jul-15 RPA DJH REMOVED FIREPLACE JOG PROJECTION ON SIDE 11-Dec-15 CT REVISED AS PER CLIENT COMMENTS 16-Dec-15 CR CR

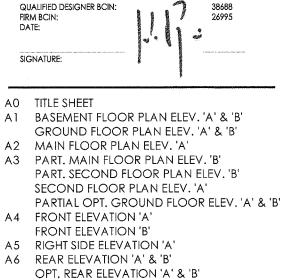
revisions

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14043



A7 LEFT SIDE ELEVATION 'A'

A9 LEFT SIDE ELEVATION 'B'

A10 TYPICAL WALL SECTION

TYPICAL CROSS-SECTION

STAIR CROSS-SECTION

A8 RIGHT SIDE ELEVATION 'B'

I, JULIO PINZON 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. LAM QUALIFIED AND THE FIRM IS

REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

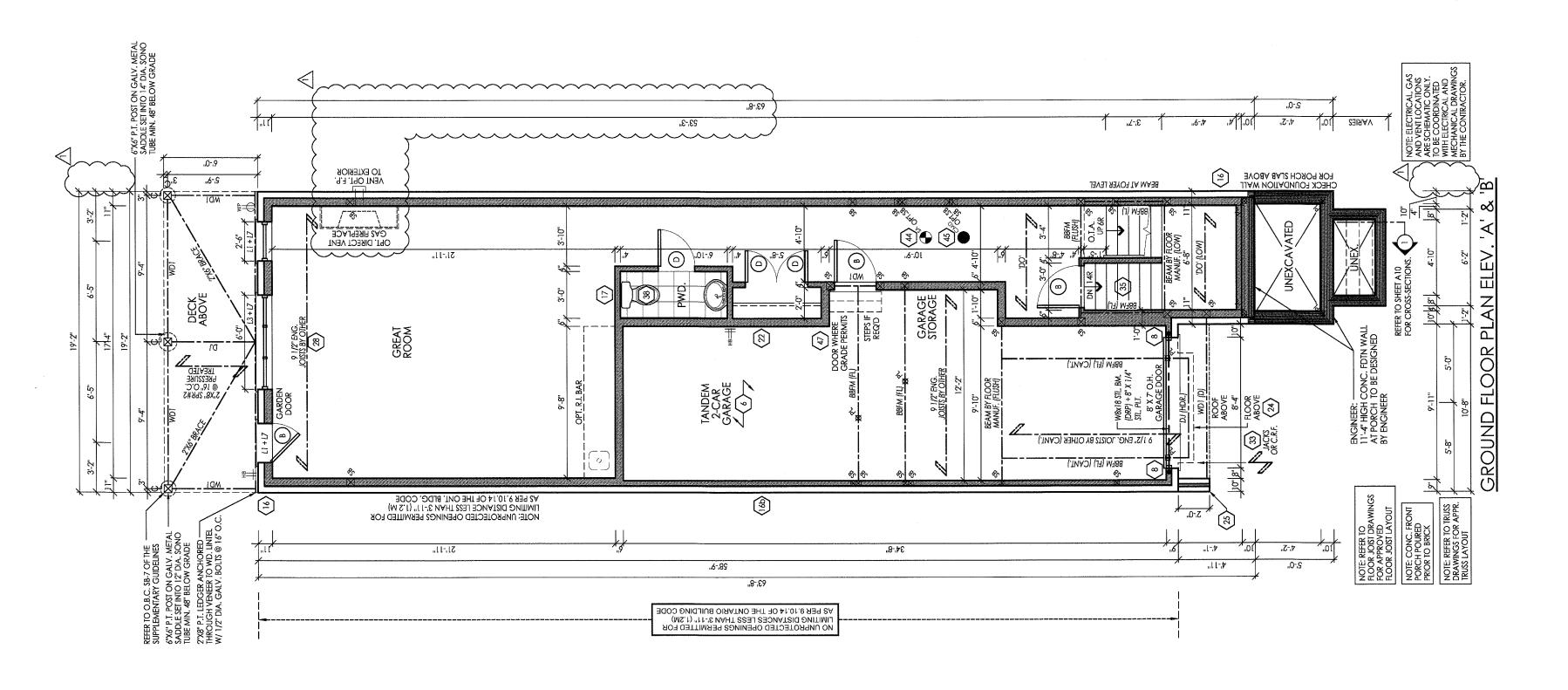
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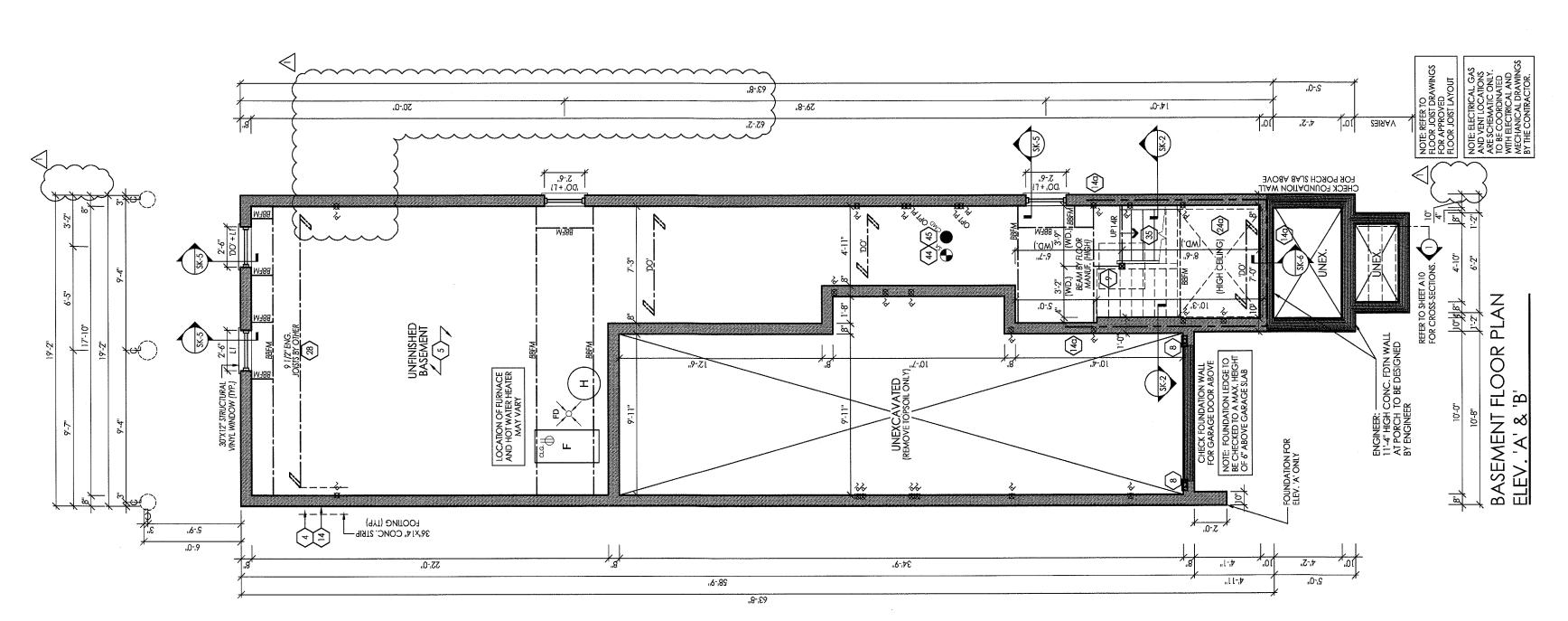
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30-Jan-15 kk RPA 1 ISSUED FOR CLIENT REVIEW 1-Jun-15 RPA DJH CONFIRMED ROOF TRUSS LAYOUT

25-6











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

QUALIFIED DESIGNER BCIN: FIRM BCIN: DATE:

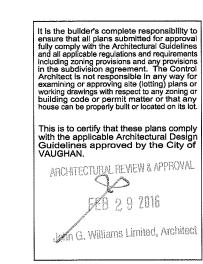
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FOR STRUCTURAL ONLY EXCLUDING ENGINEERED ROOF TRUSS, FLOOR JOIST & FLOOR LVL BEAM DESIGNS



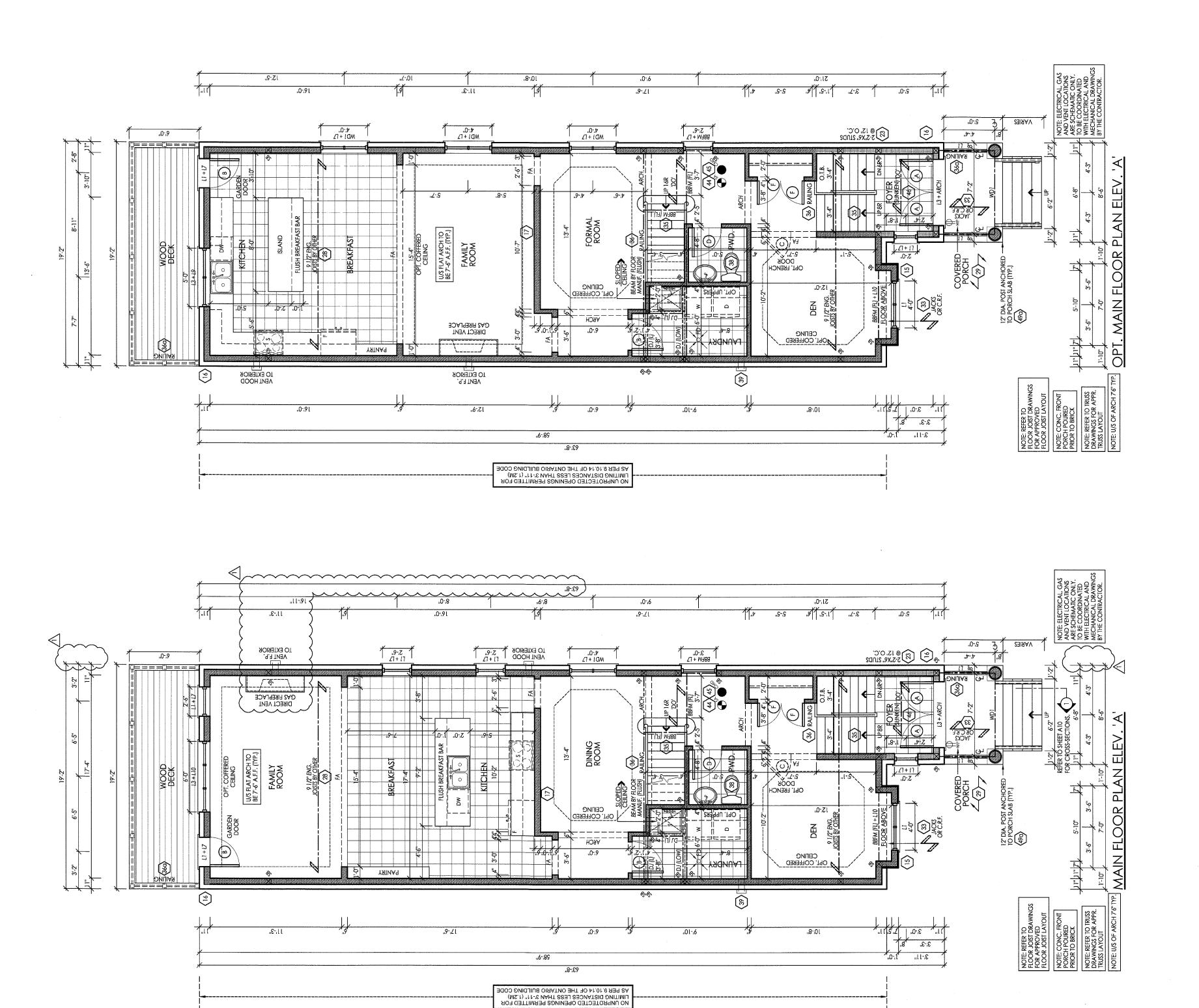
#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	30-Jan-15	kk	RPA
2	REVISED AS PER FLOOR & TRUSSES COORD.	9-Jun-15	RPA	HLG
3	REVISED AS PER ENGINEERING COMMENTS	3-Jul-15	RPA	DJH
<u> </u>	REMOVED FIREPLACE JOG PROJECTION ON SIDE OF HOUSE	11-Dec-15	cr	¢r
4	REVISED AS PER CLIENT COMMENTS	16-Dec-15	CR	CR
5	ISSUED FOR PERMIT	24-FEB-16	JP	JP
client				

Gold Park Homes

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25-6

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ARCHITECTURAL REVIEW & APPROVAL

	John G. Williams Limited, Arc	fMeCi		
#	revisions	date	dwn	ch
1	ISSUED FOR CLIENT REVIEW	30-Jan-15	kk	RP.
2	CONFIRMED ROOF TRUSS LAYOUT	1-Jun-15	RPA	ום
3	REVISED AS PER FLOOR & TRUSSES COORD.	9-Jun-15	RPA	DJ
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6	ISSUED FOR PERMIT	24-FEB-16	JP	JF
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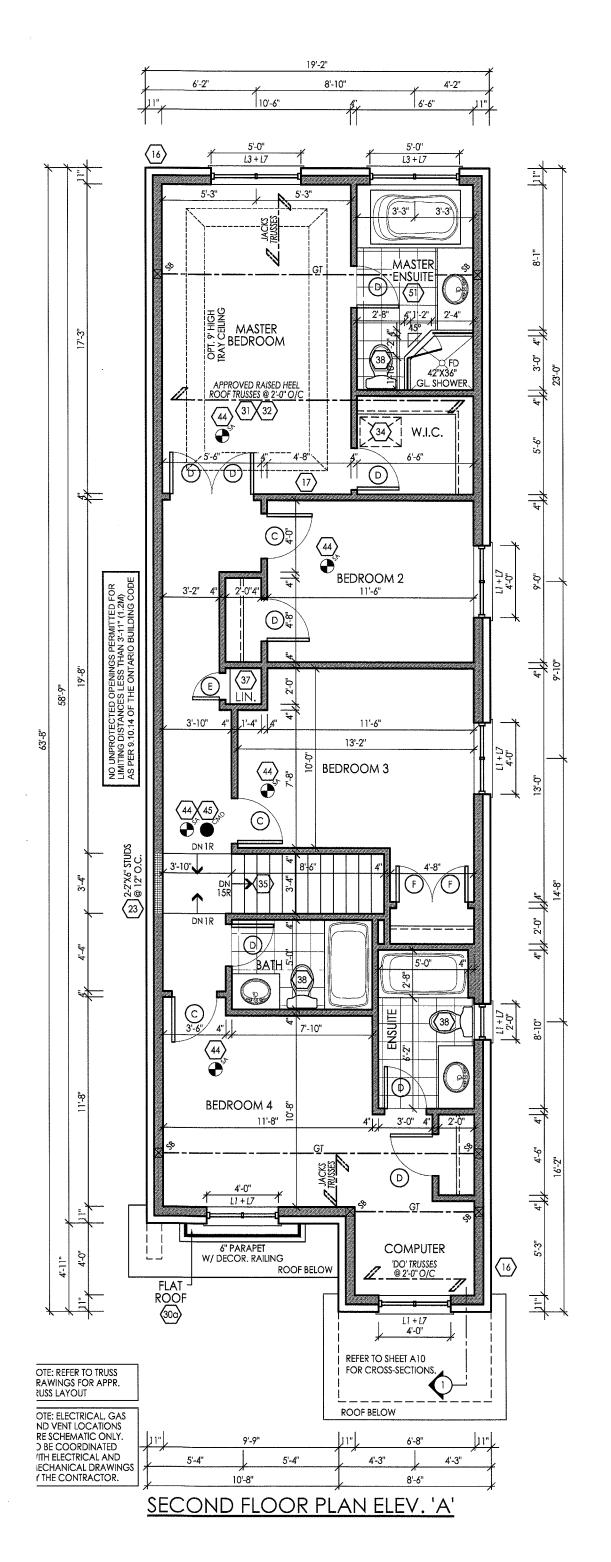
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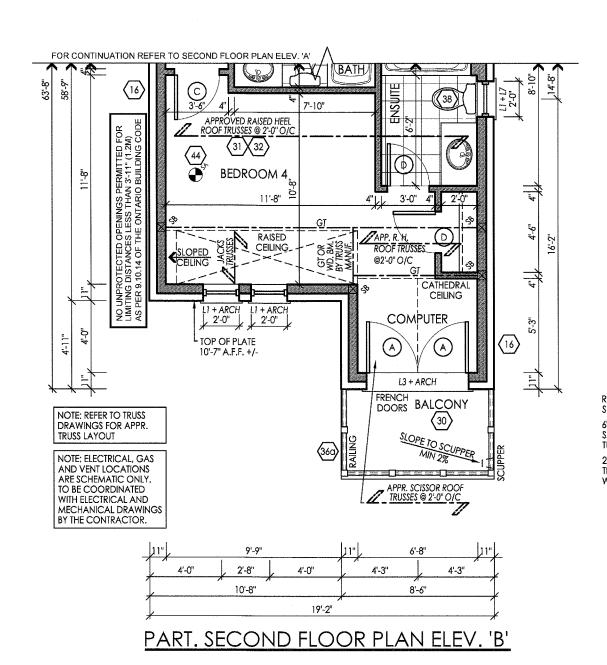
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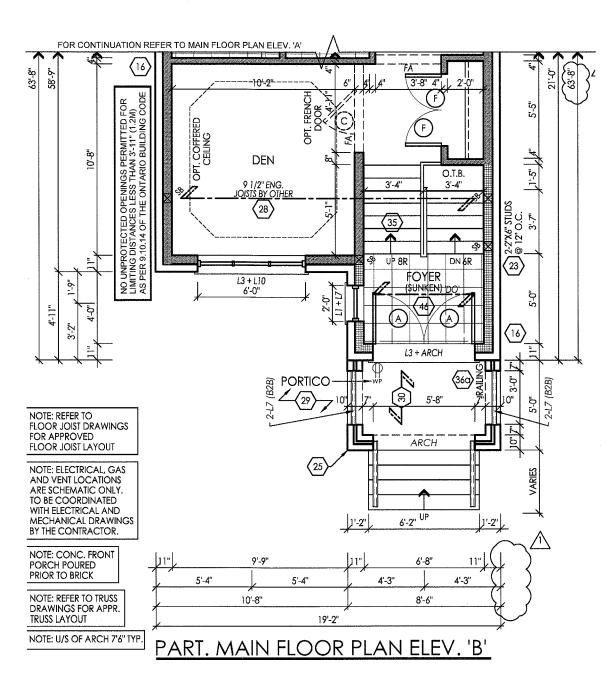
project # 14043

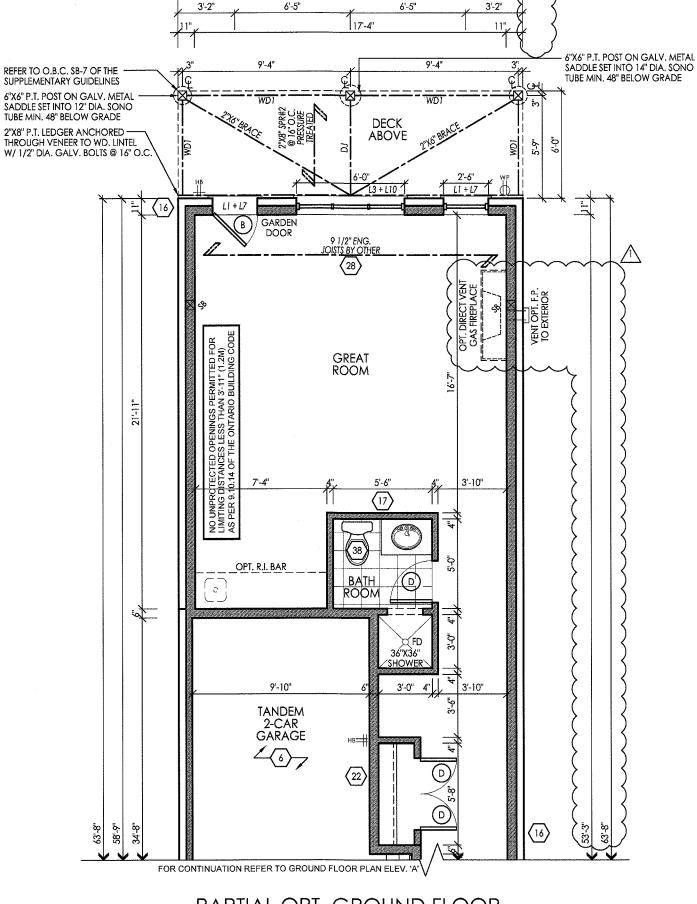
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PARTIAL OPT. GROUND FLOOR ELEV. 'A' & 'B'



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ARCHITECTURAL REVIEW & APPROVAL

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John G. Williams Limited, Architect

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6	REVISED AS PER ENGINEER COMMENTS	24-FEB-16	JP	JP
7	ISSUED FOR PERMIT	24-FEB-16	JP	JP
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model

project # 14043

**A3** 

25-6



GROSS GLAZING	AREA STD.	'A'

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TOTAL PERIPHERAL WALL AREA	4324.62 SF	401.76 m²
FRONT GLAZING AREA	60.69 SF	5.64 m²
LEFT SIDE GLAZING AREA	7. <b>9</b> sf	0.73 m²
RIGHT SIDE GLAZING AREA	100.78 sf	9.36 m²
REAR GLAZING AREA	172.74 SF	16.05 m²
TOTAL GLAZING AREA	342.11 SF	31.78 m²
TOTAL GLAZING PERCENTAGE	7.91 %	

## GROSS GLAZING AREA OPT. 'A'

TOTAL PERIPHERAL WALL AREA FRONT GLAZING AREA LEFT SIDE GLAZING AREA RIGHT SIDE GLAZING AREA REAR GLAZING AREA	4324.62 SF 60.69 SF 7.9 SF 113.53 SF 147.34 SF	401.76 m² 5.64 m² 0.73 m² 10.55 m² 13.69 m²
TOTAL GLAZING AREA TOTAL GLAZING PERCENTAGE	329.46 SF 7.62 %	30.61 m²

## GROSS GLAZING AREA STD. 'B'

		_
TOTAL PERIPHERAL WALL AREA	4304.96 SF	399.93 m
FRONT GLAZING AREA	<b>56.67</b> SF	5.26 m
LEFT SIDE GLAZING AREA	<b>7.9</b> SF	0.73 m
RIGHT SIDE GLAZING AREA	100.78 SF	9.36 m
REAR GLAZING AREA	172.74 SF	16.05 m
TOTAL GLAZING AREA	338.09 SF	31.41 m
TOTAL GLAZING PERCENTAGE	7.85 %	

## GROSS GLAZING AREA OPT. 'B'

TOTAL PERIPHERAL WALL AREA	4304.96 SF	399.93 m <sup>2</sup>
FRONT GLAZING AREA	56.67 SF	5.26 m <sup>2</sup>
LEFT SIDE GLAZING AREA	7.9 SF	0.73 m <sup>2</sup>
RIGHT SIDE GLAZING AREA	113.53 SF	10.55 m <sup>2</sup>
REAR GLAZING AREA	147.34 SF	13.69 m <sup>2</sup>
TOTAL GLAZING AREA TOTAL GLAZING PERCENTAGE	325.44 SF 7.56 %	30.23 m





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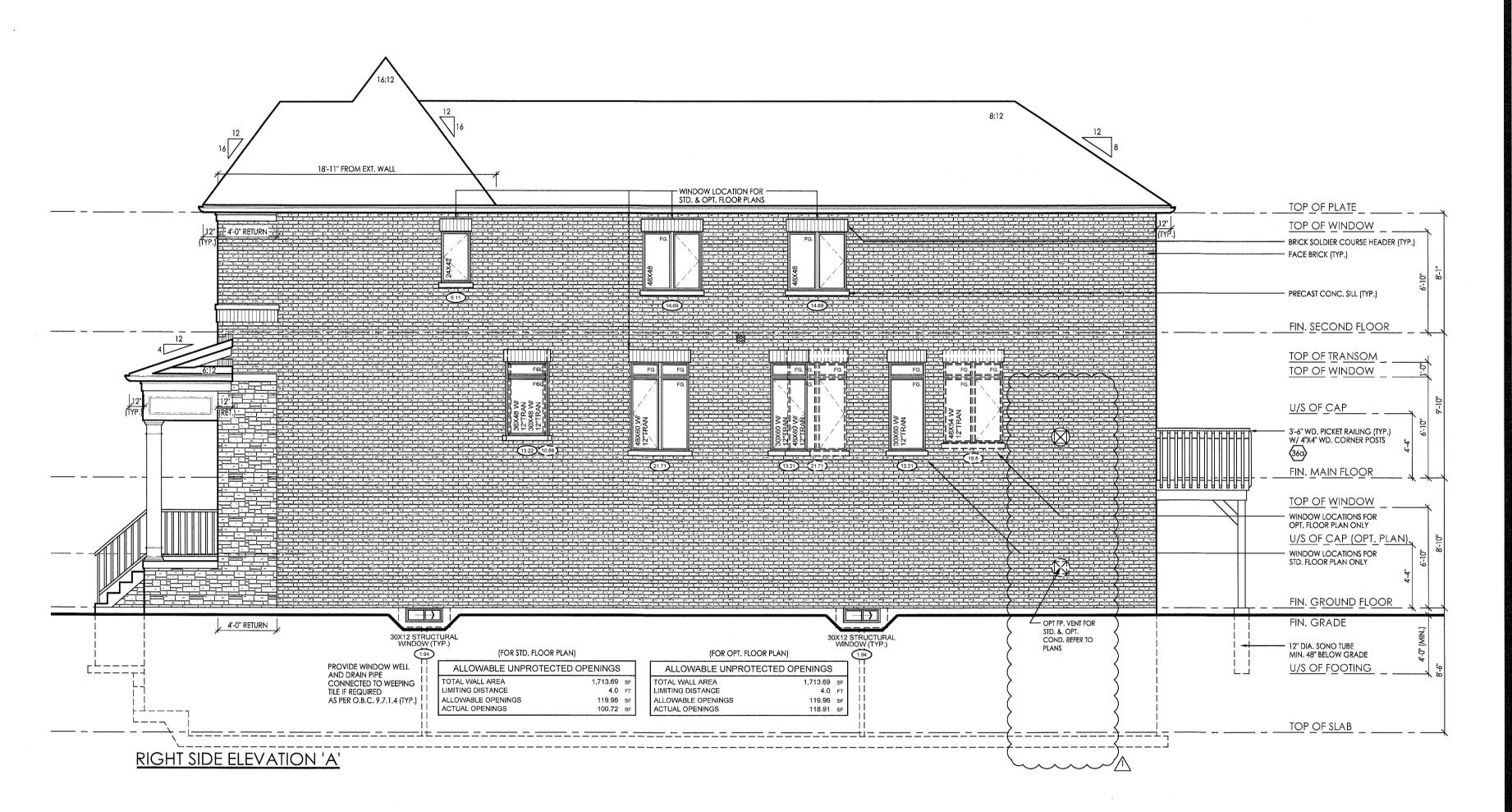


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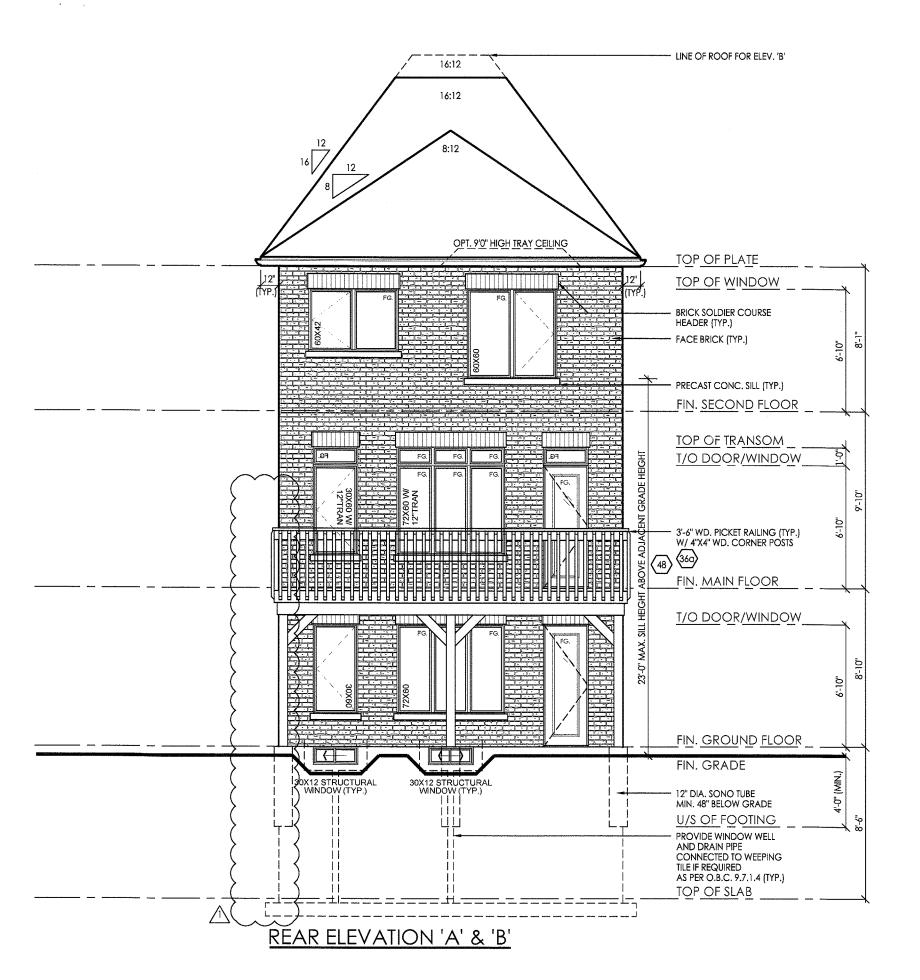


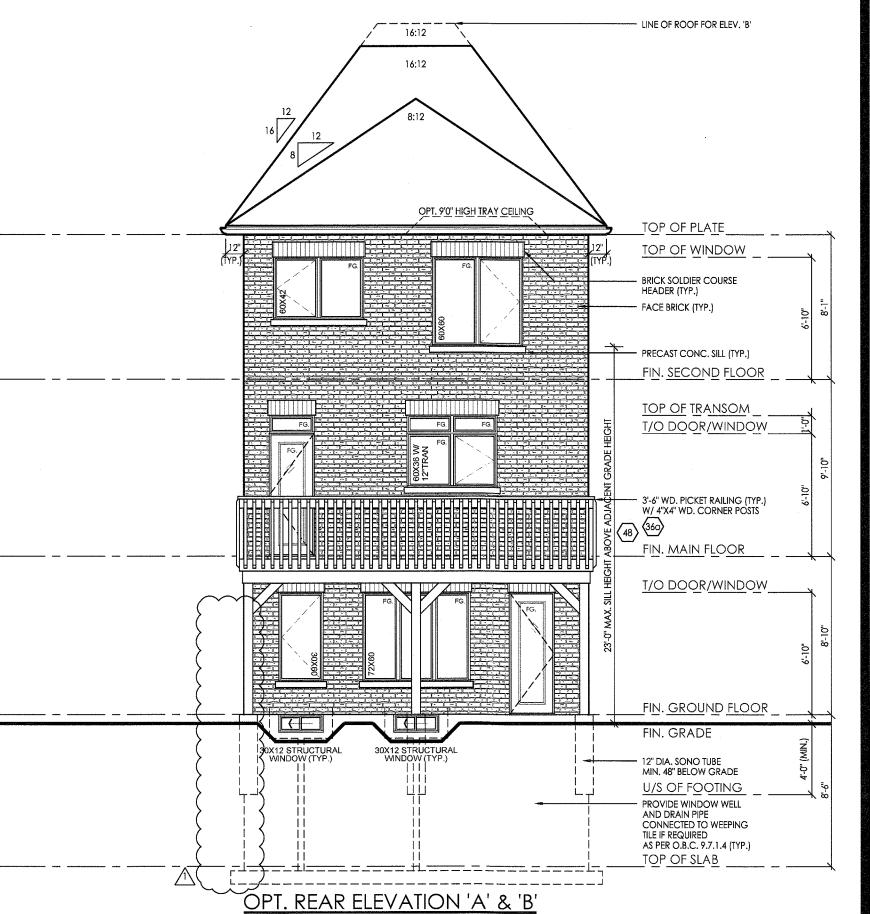
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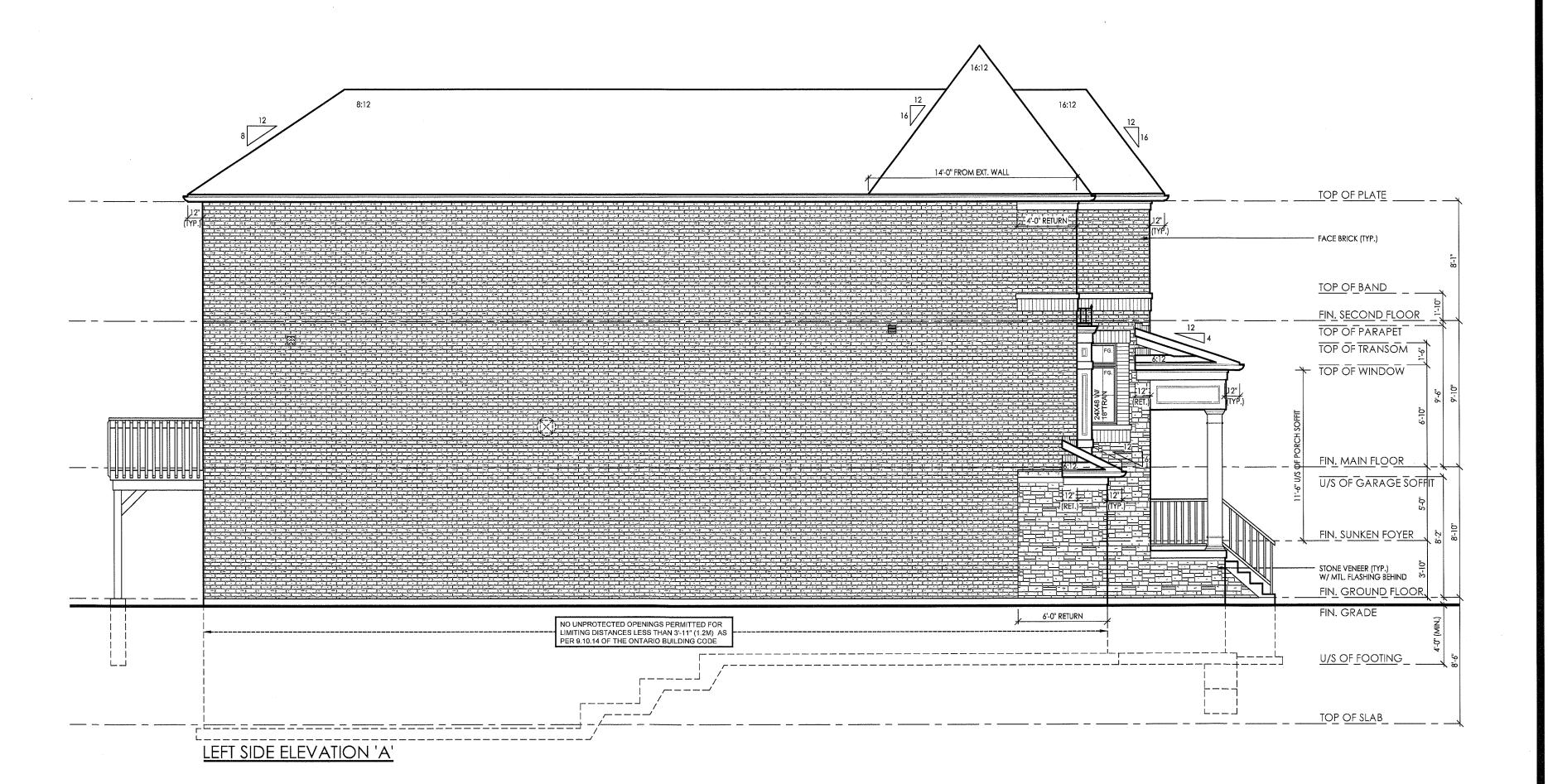
30-Jan-15 kk RPA I ISSUED FOR CLIENT REVIEW REMOVED FIREPLACE JOG PROJECTION ON SIDE REVISED AS PER CLIENT COMMENTS CR

John G. Williams Limited, Architect

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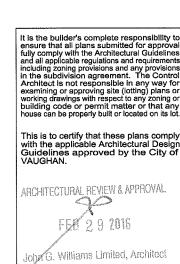
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I, JULIO PINZON DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF **RN DESIGN LTD**, UNDER DIVISION C., PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE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

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SIGNATURE:

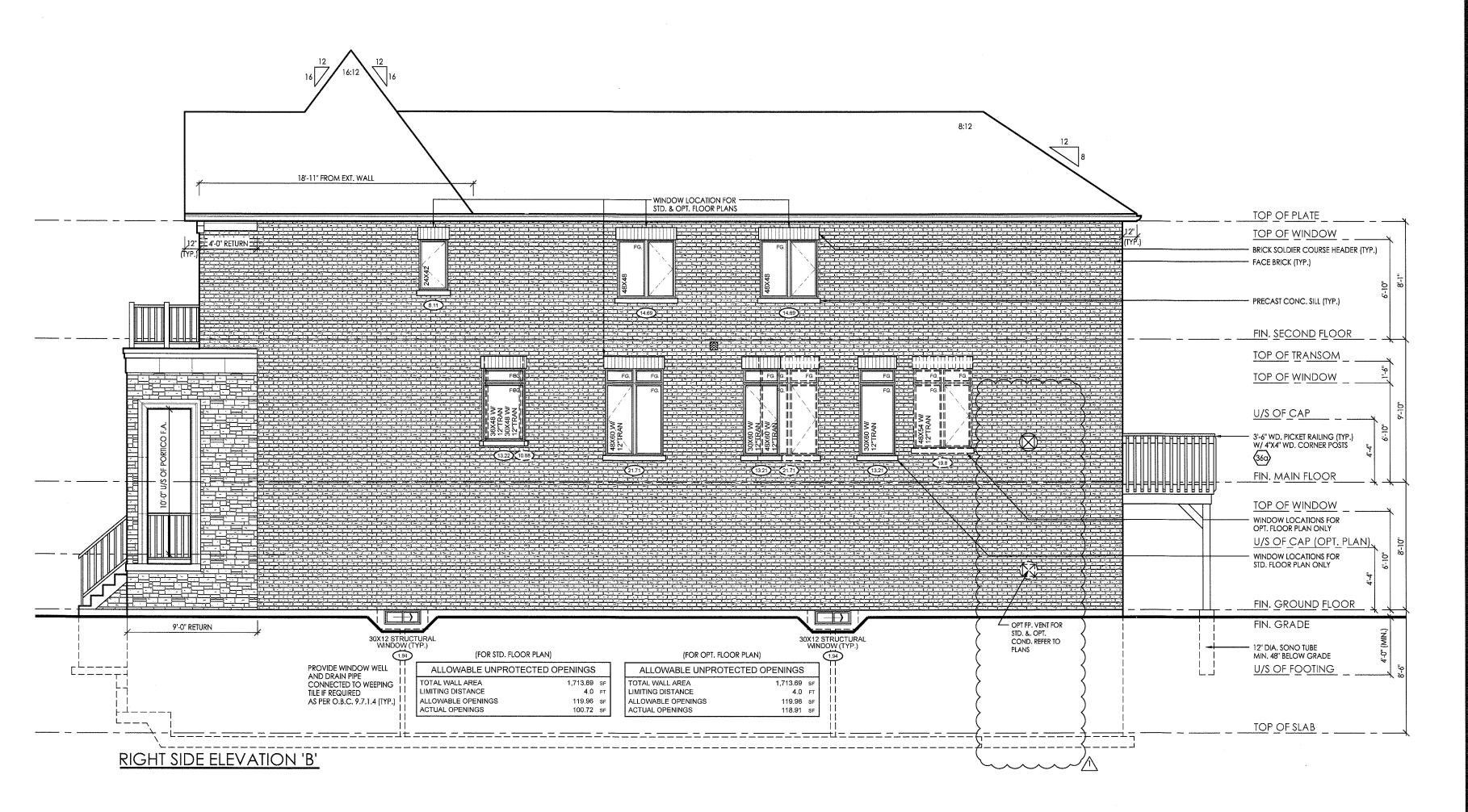


#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	30-Jan-15	kk	RPA
2	ISSUED FOR PERMIT	24-FEB-16	JP	JP
3	Additional Control of the Control of			
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QUALIFIED DESIGNER BCIN: FIRM BCIN:

SIGNATURE:





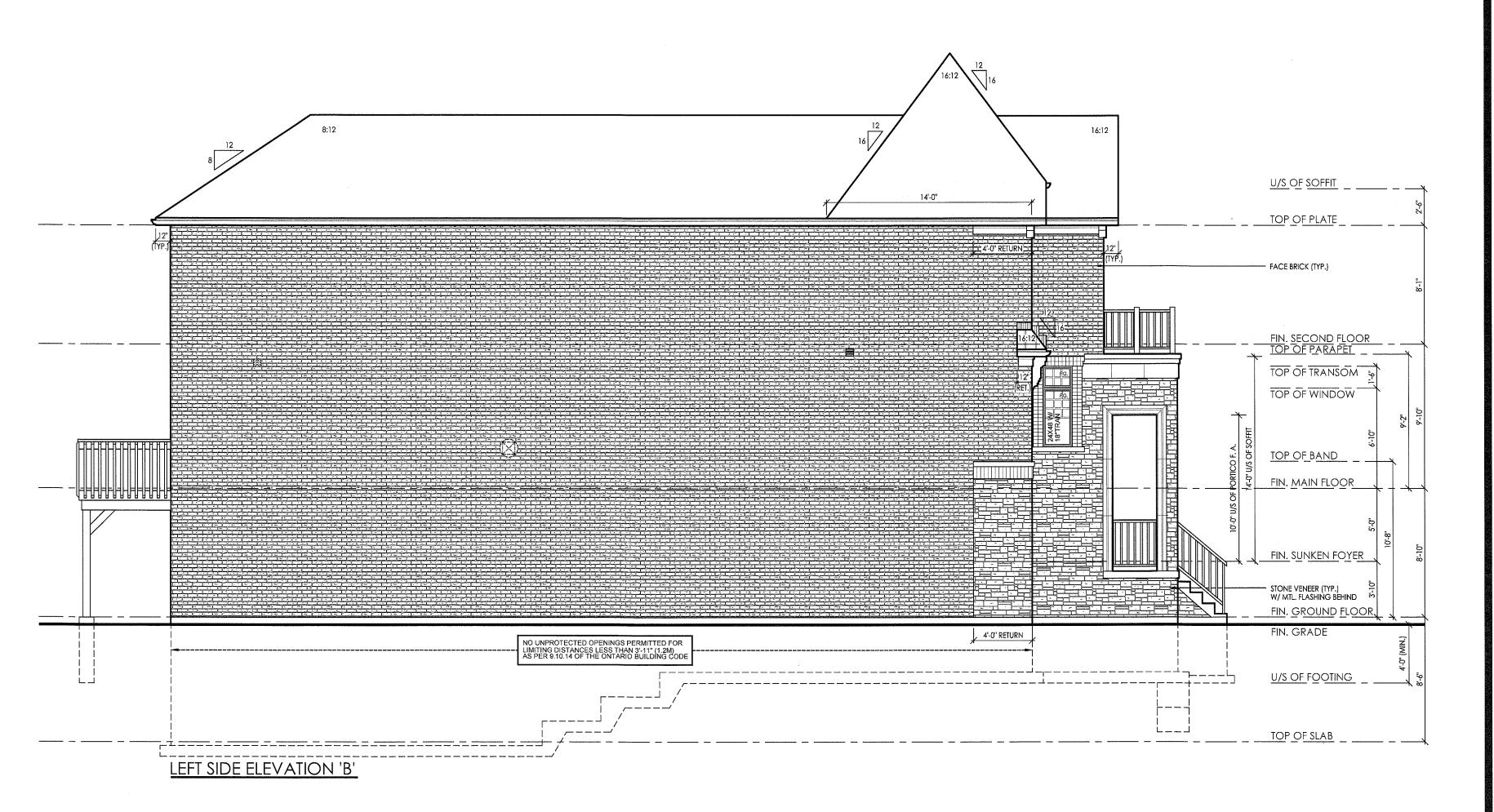
#	revisions	date	dwn	chl
1	ISSUED FOR CLIENT REVIEW	30-Jan-15	kk	RPA
$\triangle$	REMOVED FIREPLACE JOG PROJECTION ON SIDE OF HOUSE	11-Dec-15	cr	cr
2	REVISED AS PER CLIENT COMMENTS	16-Dec-15	CR	CR
3	ISSUED FOR PERMIT	24-FEB-16	JP	JP
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SIGNATURE:

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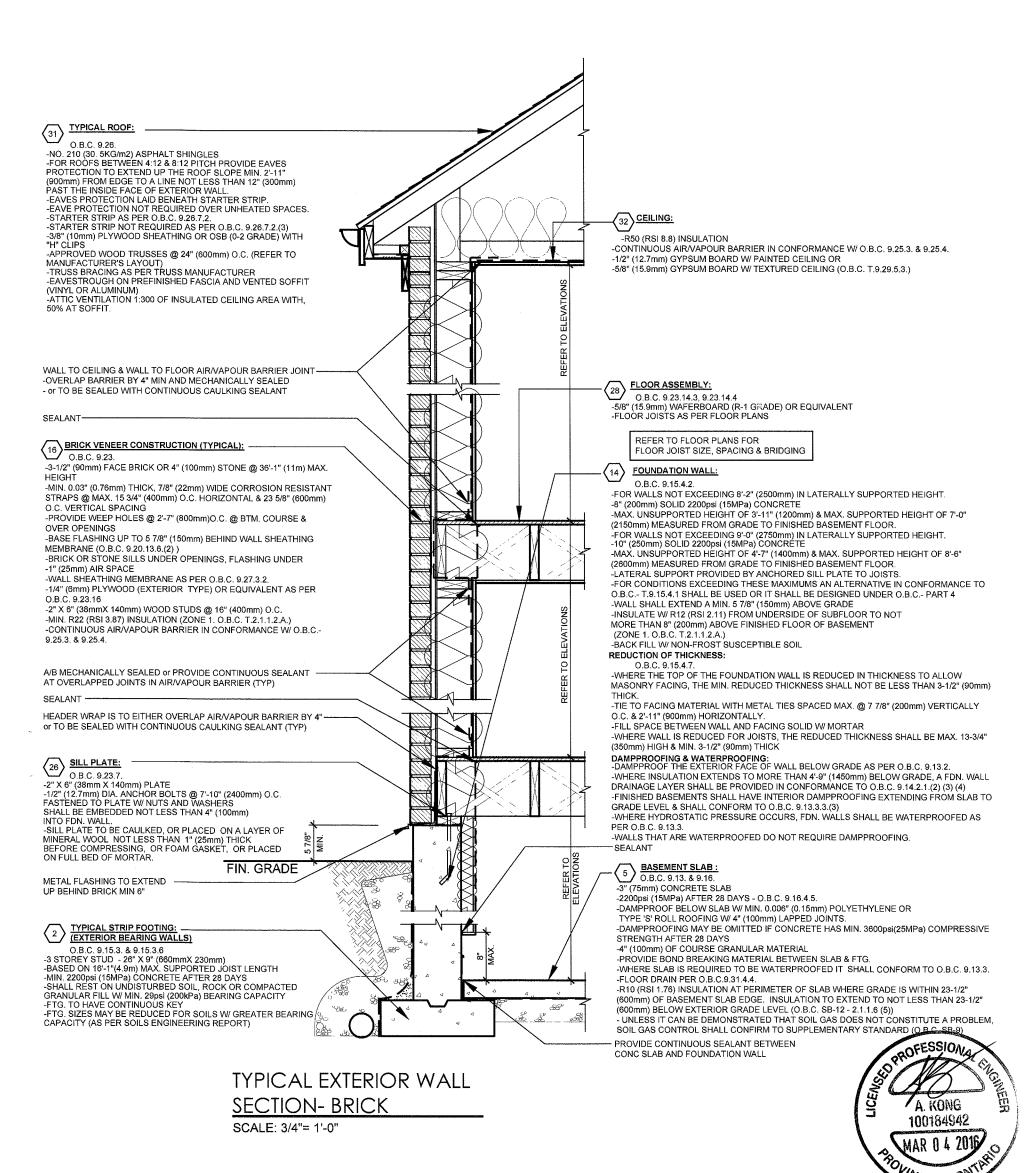
1. Williams Limited, Architect revisions date dwn chk 1 ISSUED FOR CLIENT REVIEW 30-Jan-15 kk RPA 24-FEB-16 JP JP ISSUED FOR PERMIT

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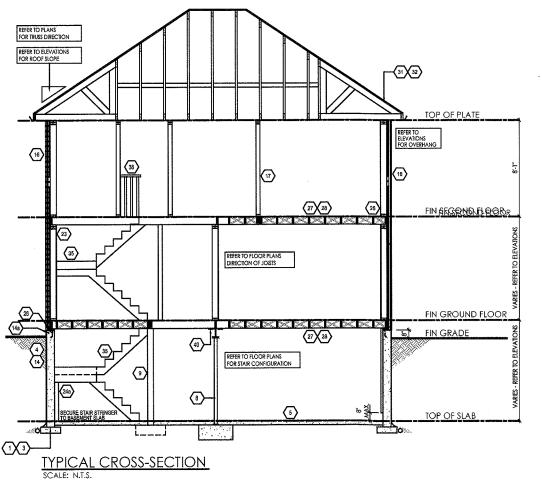
14043



TOP OF PLATE COMPUTER **ENSUITE** FIN SECOND FLOOR LIVING/ DINING **ROOM** COVERED PORCH FIN MAIN FLOOR HALLWAY GROUND FLOOI LOW HEADROOM UNEX. UNEX. UNFINISHED BASEMENT TOP OF SLAB

STAIR CROSS-SECTION

FOR STRUCTURAL ONLY







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

QUALIFIED DESIGNER BCIN: FIRM BCIN:

SIGNATURE:

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