#### FOOTINGS / SLABS: TYPICAL STRIP FOOTING:

-BASED ON 16'-1"(4.9m) MAX, SUPPORTED JOIST LENGTH MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS
-SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL
W/ MIN. 10.9psi (75KPa) BEARING CAPACITY

-FTG. TO HAVE CONTINUOUS KEY -FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER SOILS ENGINEERING REPORT) REFER TO WORKING DRAWINGS FOR SPECIFIC SIZES THAT MAY SUPERSEDE NOTES #1 & #2 FOR FOOTING SIZES

### TYPICAL STRIP FOOTING: (EXTERIOR WALLS)

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

#### -2 STOREY - 14" X 4" (360mm X 100mm) -3 STOREY - 18" X 5" (460mm X 130mm) 2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)

-1 STOREY MASONRY - 16" X 4" (410mm X 100mm) -1 STOREY STUD -12" X 4" (450mm X 100mm) -2 STOREY MASONRY -26" X 9" (650mm X 230mm) -3 STOREY MASONRY -36" X 14" (900mm X 360mm) - 24" X 8" (600mm X 200mm)

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

RUN.

DRAINAGE TILE OR PIPE: O.B.C. 9.14.3. nm) MIN, DIA, LAID ON UNDISTURBED OR WELL COMPACTED SOIL W/ TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FLR. SLAB.

COVER TOP & SIDES OF TILE OR PIPE W/ 5 7/8" (150mm) OF CRUSHED STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL.

TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL. 5 BASEMENT SLAB: O.B.C. 9.13, & 9.16. -3" (75mm) CONCRETE SLAB
-2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.
-DAMPPROOF BELOW SLAB W/MIN. 0.006" (0.15mm) POLYETHYLENE OR

TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
-DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS

COMPRESSIVE SIKENGIH AFIER 28 DAYS
4" (100mm) OF COURSE GRANULAR MATERIAL
PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO
O.B.C. 9.13.3.
-FLOOR DRAIN PER O.B.C. 9.31.4.4. -R10 (RSI 1.76) INSULATION AT PERIMETER OF SLAB WHERE GRADE IS WITHIN 23-1/2" (600mm) OF BASEMENT SLAB EDGE. INSULATION TO EXTEND TO NOT

LESS THAN 23-1/2" (600mm) BELOW EXTERIOR GRADE LEVEL (OBC SB-12 3.1.1.7 (5))

- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

#### 5a SLAB ON GROUND:

-3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3. -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. -DAMPPROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. DAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa) -DAMPPROUPING MAY BE OMITIED IF CONCRETE HAS MIN. 360UPSI(25MP COMPRESSIVE STRENGTH AFTER 28 DAYS -R10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (600mm) OF GRADE. (OBC SB-12 3.1.1.7.(6)) -4" (100mm) OF COURSE GRANULAR MATERIAL -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO C.B.C., 7.13.3.
- FLOOR DRAIN PER O.B.C.9.31.4.4.
- UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFORM TO SUPPLEMENTARY

Standard (O.B.C. SB-9 6 GARAGE SLAB / EXTERIOR SLAB:
-4"(100mm) CONCRETE SLAB

-4 (1001111) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.3.1.6. -6" X 0" (W2.9 X W 2.9) WIRE MESH LOCATED NEAR MID-DEPTH OF SLAB 4" (100mm) OF COURSE GRANULAR MATERIAL -ANY FILL PLACED UNDER SLAB , OTHER THAN COURSE CLEAN GRANULAR MATERIAL, SHALL BE COMPACTED. 7 PILASTERS:

### O.B.C. 9.15.5.3.

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

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

-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS -FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mmX 100mmx 6.35mm) STEEL BTM. PLATE
-FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP & BTM. PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM -ADJUSTABLE COLUMNS TO CONFORM TO CAN//CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.) COL. SPACING: 2 STOREY

-MAX. 9'-10" (2997mm) - 34" X 34" X 16" (860mmX 860mmX 400mm) -MAX. 16'-0" (4880mm) - 44" X 44" X 21" - (1120mmX 1120mmX 530mm) 3 STOREY

-MAX. 9'-10" (2997mm) - 40" X 40" X 19" -MAX. 16'-0" (4880mm)

#### -WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX mm) STEEL PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS 9 WOOD COLUMN:

OBC 9.17.4.1 , 9.17.4.2, & 9.17.4.3. -5 %" x 5 %" (140mm x 140mm) SOLID WOOD COLUMN - OR -3-2"x6" (38mm x 140mm) BUILT UP COLUMN NAILED TOGETHER N/ 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 COLLIMN BASE W / 6 MIL POLY -OCULMN TO SIT DIRECTLY ON CONC PAD (NOT ON CONC SLAB)
-25"x25"x12" (640mm x 640mm x 300mm) CONC PAD (1 FLOOR SUPPORTED W/ 9'-10" COL SPACING)

-34"x34"x14" (860mm x 860mm x 360mm) CONC PAD (2 FLOORS SUPPORTED 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 AD JACENT BEAMS

 $\left\langle 11 \right\rangle$  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:

O.B.C. 9.15.4.2 -FOR WALLS NOT EXCEEDING 8'-2" (2500mm) IN LATERALLY SUPPORTED HEIGHT. -8" (200mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 3'-11" (1200mm) & MAX. SUPPORTED HEIGHT OF 7'-0" (2150mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR -FOR WALLS NOT EXCEEDING 9'-0" (2750mm) IN LATERALLY SUPPORTED HEIGHT -10" (250mm) SOLID 2200psi (15MPa) CONCRETE -MAX. UNSUPPORTED HEIGHT OF 4'-7" (1400mm) & MAX. SUPPORTED HEIGHT OF 8'-6" (2600mm) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR. -LATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS.

-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN CONFORMANCE TO O.B.C.- T.9.15.4.2.A SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.- PART 4

EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE -INSULATE W/ R20 (RSI 3.52) CONTINUOUS INSULATION FROM UNDERSIDE C SUBFLOOR TO NOT MORE THAN 8" (200mm) ABOVE FINISHED FLOOR OF BASEMENT (ZONE 1 OBC SB-12 T.3.1.1.2.A.) ALTERNATE INSULATION METHOD: 2" (51mm) R10 (RSI 1.76) RIGID INSULATION W/

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

REDUCTION OF THICKNESS:

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

<u>DAMPPROOFING & WATERPROOFING:</u>
-DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. where insulation extends to more than 2'-11" (900mm) below grade, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO A FDN. WALL UKAINAGE ET CL. ...
O.B.C. 9.14.2.1.(2) (3) (4)

CHIEF RASEMENTS SHALL HAVE INTERIOR DAMPPROOFING EXTENDING

CONTRACTOR OF C. 9.13.3.3.(3)

-finished basements shall have interior damptroofing extending From Slab To Grade Level & Shall Conform To 0.8 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.

### $\langle 14 \text{G} \rangle$ 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:

CCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED -SIDING OR STOCK AS TEXT ELEVATIONS, MIN. 7/76 (2001) INTO MATRIAGED GRADE (O.B.C. 9.28.1.4. & 9.27.)

-WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.

-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. -2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C MIN. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.) CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. 1/2" (12.7mm) GYPSUM BOARD

NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO
BE SPACED @ 12" (300mm) O.C. REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):

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

-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE
INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.

-REPLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE

REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): REFER TO REQUIREMENTS FOR LESS THAN 4'-0" LIMITING DISTANCE AND ADD/REPLACE THE FOLLOWING:

-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO MANUFACTURER'S SPECIFICATIONS).

#### 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 -3DING OR STOCK 28-14. & 9.27.)
-1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/TAPED JOINTS (O.B.C. 9.27.3.4.) BRACE W/ CONT. 16 GAUGE STEEL 'T' BRACES FROM TOP PLATE TO BTM. PLATE

VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER 1/2" (12.7mm)

FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. 2. A 4 (SSITHIN AND STOREYS. DN BOTTOM FLR, WHEN 3 STOREYS. R14 (RSI 2.46) INSULATION CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

1/2" (12.7mm) GYPSUM BOARD. NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. =

-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) O.C. REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE

FOLLOWING MATERIALS:

-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

-2.3.1.6. BETWEEN RIGID INSULATION AND WOOD STUD.

-REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD. REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE):

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

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

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

INYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING

### 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. 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 -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.0 -MIN. R22 (RSI 3.87) INSULATION (ZONE 1. OBC SB-12 T.3.1.1.2.A.)

-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. -1/2" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = -FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE

REQUIRED TO BE SPACED @ 12" (300mm) O.C. REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE): O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN) FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSUI ATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/sq.m

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

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

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

-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER 1" (25mm) AIR SPACE 1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. -2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS -BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR reale for the foll length of wall, or -CON1, 2" x 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL -R14 (RSI 2.46) INSULATION INUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

9.25.4. -1/2" (12.7mm) GYPUM 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) O.B.C. SB-3 WALL = EW ID (SIC = N/A, FIKE = 45 MIN)
FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD
THE FOLLOWING MATERIALS:
-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
9.23.1.6, BETWEEN RIGID INSULATION AND WOOD STUD.
-REPLACE R14 (RS1.2.46) INSULATION WITH R14 (RS1.2.46) ABSORPTIVE INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m. -REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

### (16b) BRICK VENEER CONSTRUCTION @ GARAGE:

O.B.C. 9.23.
-3-1/2" (90mm) FACE BRICK OR 4" (100mm) STONE @ 36'-1" (11m) MAX.
HEIGHT
-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT
STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER

OFENINGS

HASE 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 -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. " 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 REQUIRED TO BE SPACED @ 12" (300mm) O.C  $\underline{\text{REQ. FOR FIRE RATING (LESS THAN 4'-0" LIMITING DISTANCE):}}$ O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)

FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD -ADD 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 4" (S811111A 87111111) WOOD STUDS @ 16" (40011111) O.C. OK -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ -DOUBLE 2"X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE -1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.

18 BEARING STUD WALL (BASEMENT): 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. OR -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W. - DBL. 2" X 4" OR 2" X 6" TOP PLATE. - 2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIAL. 1/2" (12.7mm) GYPSUM BOARD BOTH SIDES, 1/2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB

19 PARTY WALL - BLOCK: O.B.C. SB-3 WALL = B6e (STC = 57, FIRE = 2 HR) MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK -SPACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERAL WOOL OR NONCOMBUSTIBLE MATERIAL & CAULKED TO PREVEN 1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES 2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH -ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE 7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)

-STAGGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE 2.1.1. SB-2 -ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1) PARTY WALL - BLOCK (AGAINST GARAGE): O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR) -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS -1/2" (12.7mm) GYPSUM BOARD -CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. -2" X 6" (38mmX 140mm) WOOD STRAPPING @ 16" (400mm) O.C. -R22 (RSI 3.52) 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 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.

AND CONSTRUCT OF THE CONTROL OF THE -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
-ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
-PROTRUDE PAST FASCIA @ EAVES W/ BRICK CORBELLING
-EXTEND 5.7/8" (150mm) ABOVE ROOF SURFACES & HAVE ALUMINUM CAP W/ THROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1) -WHERE THE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOFS IS GREATER HAN 9'10" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER O.B.C. 3.1.10.4.(2)

### 20 PARTY WALL - FOUNDATION:

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

♦ (21) PARTY WALL - WOOD STUD (TYPICAL): O.B.C. SB-3 WALL = W15c (STC = 61, FIRE = 1 HR) -MIN. 1HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK 2" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" X 89mm) TOP PLATES

-2 ROWS 2"X4"(38mmX 89mm) STUDS @ 16"(400mm) O.C. W/ SEPARATE SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY. -2 LAYERS OF GYSUM ON BOTH SIDES (as follows): -1st LAYER - 5/8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/

JOINTS TAPED & FILLED. -ACOUSTIC GREEN GLUE b/w GYPSUM 1st & 2nd LAYERS 2nd LAYER - 1/2" (12mm) REGULAR GYSUM BOARD BOTH SIDES W/ -ACQUISTICAL 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 ARI REQUIRED TO BE SPACED @ 12" (300MM) O.C.

IF 2"X6" STUDS ARE USED AT STAIR OPENING CONTINUE TO US ON REMAINING FLOORS AT THE STAIR OPENING AT 16" O.C. GARAGE WALL & CEILING:

O.B.C. 9.10.9.16.(3) -1/2" (12.7mm) GYPSUM BOARD ON BOTH SIDES OF WALL & U/S OF CEILING BETWEEN HOUSE AND GARAGE TAPE AND SEAL ALL JOINTS GAS TIGHT -R22 (RSI 3.87) INSULATION IN WALLS, R31 (RSI 5.41) INSULATION IN CEILINGS W/ FLOOR ABOVE INUOUS 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 -INSULATION AND OUT AND THE ROUTED THE STANDARDS).
-1/2" (12.7mm) GYPSUM BOARD
-ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH

#### 4 - 3 1/4" (82mm) TOE NAILS BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR RIM JOIST WITH 3 1/4" (82mm) NAILS AT 7 7/8" (200mm) O.C WALLS ADJACENT TO ATTIC SPACE:

IUOUS 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

-ATTIC ACCESS TO BE PROVIDED AS PER O.B.C. 9.19.2.1. 23 DOUBLE VOLUME WALLS: STUDS FASTENED AT TOP & BOTTOM WITH 3/3-1/4" (82mm) TOE NAILS DOUBLE TOP PLATES FASTENED TOGETHER WITH 3" (76mm) AT

7/8" (200mm) O.C -SOLID BRIDGING AT 3'-11" (1200mm) O.C. -SOLID BRIDGING AT 3-11 (2011111) OC.
-MIN, R22 (RSI 3.87) INSULATION (ZONE 1 OBC SB-12 T.3.1.1.2.A.)
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C.
9.25.3. & 9.25.9.

(33) CONVENTIONAL FRAMING:

(34) ATTIC ACCESS HATCH:

GENERAL:

O.B.C. 9.8.4.

ANGLED TREADS:

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

O.B.C. 9.8.7

HEIGHT: O.B.C. 9.8.7.4

PROJECTIONS: O.B.C. 9.8.7.6

VIDTH OF THE STAIR

O.B.C. 9.8.4. -MAX. RISE -MIN. RUN -MIN. TREAD

-MIN. HEADROOM = 6'-9"

-MAX. NOSING

HANDRAILS:

HEIGHT: O.B.C. 9.8.7.4

WIDTH OF THE STAIR

TERMINATION: O.B.C. 9.8.7.3

FINISH: O.B.C. 9.8.9.6

(36) INTERIOR GUARDS:
O.B.C. SB-7 & 9.8.8.3.

(360) EXTERIOR GUARDS:

23 5/8" (600mm)

GUARDS TO BE 3'-6" (1070mm)

36b EXTERIOR GUARDS @ JULIET BALCONY:

- 2'-10" (865mm) MIN. TO 3'-2" (965mm) MAX.

35a PUBLIC STAIRS:

-MIN. TREAD = 9-1/4 -MAX. NOSING = 1" -MIN. HEADROOM = 6'-5"

 $\overline{\left(35\right)}$  PRIVATE STAIRS:

-MAX, RISE

-MIN. RUN

-MIN. WIDTH

<u>HANDRAILS:</u>

O.B.C. TABLE A6 OR A7

RAFTERS & MIN. 1 1/2" (38mm) THICK

2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS

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

= 8-1/4"

= 9-1/4" = 1"

-MIN. WIDTH = 2'-10" (860mm) (BETWEEN WALL FACES)

(EXIT STAIRS, BETWEEN GUARDS)

WEATHERSTRIPPING & BACKED W/ R20 (RSI 3.52) INSULATION

= 7-7/8" (200mm)

= 2'-11" (900mm)

-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 &

-FOUND, WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2

WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION

FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

-ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm)

DWELLING UNITS

HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR

-TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-7" (1 100m) -ONE HANDRAIL IS REQUIRED ON CURVED STAIRS OF ANY WIDTH WITHIN

- 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

= 7-3/32" (180mm) = 11" (280mm) = 11" (280mm)

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

-FTG. FOR FOUND. WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

O.B.C. 9.8.7 -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm)

TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-'7" (1100mm)

TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT

HERE INTERRUPTED BY DOOR WAYS OR NEWEL POSTS AT CHANGES II

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

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) BEYOND THE TOP & BOTTOM OF EACH STAIR

O.B.C.; 9.8,9.6

-TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS PER OBC 9.8.9.6.(4)

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

-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

-FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2'-11" (900mm) HIGH

-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.

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

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

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

40 -1"X2" (19mmX38mm) BOTH SIDES OF STEEL

-GUARDS TO BE 3'-6" (1070mm) -FOR DWELLING UNITS GUARDS TO BE 2'-11" (900mm) WHERE FLOOR TO

-FOR DWELLING SINIS GUARDS TO BE 3-5 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.

embedment to studs. -provide same anchor bolts @ 36" o.c. for base plate connection.

WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE

WOOD FRAMING MEMBERS SUPPORTED ON CONCRETE IN CONTACT

-PICKETS TO HAVE 4" (100mm) MAX. SPACING -GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

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

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

FOUND, WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2

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

(210mm) (235mm) (25mm) (1950mm

-2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9"

UNLESS OTHERWISE NOTED. -HIP & VALLEY RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON

-CEILING JOISTS TO BE 2" X 6" (38mmX 140mm) @ 16" (400mm) O.C.

CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & 9.25.4. -R31 (RSI 5.46) INSULATION

#### NTED ALUMINUM SOFFIT SUNKEN FINISHED AREAS: AT FOUNDATION WALLS. EXTEND FOOTINGS TO SUPPORT POSTS

USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS INSTEAD OF USING BEARING POSTS. LOOR STRUCTURE AS PER NOTE # 28 25 DOUBLE MASONRY WYTHE WALL:

-3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER STEEL OF THE STATE OF THE STATE

250) AREA. CORBEL MASONRY VENEER:

-MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1) FLOOR ASSEMBLIES:  $\langle 26 \rangle$  SILL PLATE:

-2" X 4" (38mm X 89mm) PLATE /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 ON FULL BED OF MORTAR.

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

O.B.C. 9.39.1.4.

-47/8" (125mm) 4550 psi (32 MPa) CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT REINFORCE WITH 10M BARS @ 77/8" (200mm) EACH WAY

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

-23 5/8" (600mm) X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C IF A COLD CELLAR IS LOCATED BELOW THE SLAB, SUPPORT ON FOUNDATION WALLS NOT TO EXCEED 8'-2" 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 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 ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. D 1/2" (12 7mm) GYPSIIM BOARD W/ PAINTED CEILING OR

-ADD 1/2" (1.5/mm) GYPSUM BOARD W/ PAINTED CEILING OR
-ADD 5/8" (1.5/mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C.-T.9.29.5.3.)

EXTERIOR FLAT ROOF ASSEMBLY:
-SINGLE PLY WATERPROOF ROOF MEMBRANE OR EQUIVALENT INSTALLED PER MANUFACTURER'S SPECIFICATIONS. -1/4" EXTERIOR GRADE WOOD PANEL TYPE UNDERLAY TAPERED PURI INS 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 US AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3

#### & Y.Zo.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. SKG/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. FAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES STARTER STRIP AS PER O.B.C. 9.26.7.2.
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 CRADE) 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

TTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT. 32 CEILING: -R60 (RSI 10.56) INSUI ATION CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3

7.2.4. /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.) 32a VAULTED OR CATHEDRAL CEILING: 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 FDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL -FAVES PROTECTION LAID BENEATH STARTER STRIP TEAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE ROOF SLOPES ARE 8:12 OR GREATER PER O.B.C. 9.26.5.1.
-STARTER STRIP AS PER O.B.C. 9.26.7.2. STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3) 3/8" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS. -2"x8" (38mm x 184mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 13'-3" (4050mm) OR -2"x10" (38mm x 235mm) @ 16" O.C. W/ 2"x2" (38mm x 38mm) CROSS PURLINS © 24" O.C. MAX. SPAN 17"-0" (5180mm)

R31 (RSI 5.46) INSULATION

-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.

LEGEND

SMOKE ALARM (44)

ALARM (CMA)

VENTS AND INTAKES

COLD CELLAR VENT (50)

WATERPROOF DUPLEX OUTLET

# HOSE BIB

(38) EXHAUST FAN

STOVE VENT

(X) FIRE PLACE VENT

DRYER VENT

FLOOR DRAIN

SOLID BEARING

Ø

 POINT LOAD

2/ 2" X 8" SPR

2/ 2" X 10" SPR

2/ 2" X 12" SPR

CARBON MONOXIDE 45

FLAT ARCH 2 STORY WALI EXT. LIGHT FIXTURE (WALL MOUNTED)

HYDRO METER

GAS METER

DJ DOUBLE JOIST

GT GIRDER TRUSS

DROPPED

UNDER SIDE

GLASS BLOCK

BLACK GLASS

(FL) FLUSH

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

L11 4-7/8" X 3-1/2" X 3/8" L L16 7-1/8" X 4" X 3/8" L

**G** 

PT

'DO

FG

BG

LINTELS

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

STEEL BEAMS ST1 W 6 X 15 ST2 W 6 X 20 ST3 W 8 X 18 ST4 W 8 X 21 PRESSURE TREATED

AFF ABOVE FINISHED FLOOR 4/ 2" X 8" SPR **BBFM** BEAM BY FLOOR MANUF 5/ 2" X 8" SPR 3/ 2" X 10" SPF 4/ 2" X 10" SPR REPEAT SAME JOIST SIZE WD6 5/ 2" X 10" SPR VD7 3/2" X 12" SPR WD8 4/ 2" X 12" SPR FIXED GLAZING WD9 5/2" X 12" SPR VD10 2/ 1 3/4" X7 1/4" (2.0E) L VD11 3/ 1 3/4" X7 1/4" (2.0F) I WD12A 1/ 1 3/4" X9 1/2" (2.0E) LV WD12 2/ 1 3/4" X9 1/2" (2.0F) I L9 4" X 3-1/2" X 1/4" L L14 5-7/8" X 3-1/2" X 1/2" WD14A 1/ 1 3/4" X11 7/8" (2.0E) L

B 815x2030x35 (2'8"x6'8"x1-3/8" 760x2030x35 (2'6"x6'8"x1-3/8 710x2030x35 (2'4"x6'8"x1-3/8" 460x2030x35 (1'6"x6'8"x1-3/8" 610x2030x35 (2'0"x6'8"x1-3/8")

(39) -CAPPED DRYER VENT

ST5 W 8 X 24

**WOOD BEAMS** 3/ 2" X 8" SPR

WD16 2/ 1 3/4" X14" (2.0E) LVL

ONTARIO REGULATION 332/12 OBC. AMMENDMENT O. REG

GROUND FLOOR ROOF TRIBES, FIRST 7085T 73.5 SECOND FLOOR AND FLOOREST NEW SECOND FLOOR AND FLOOREST GOOD. 1 SECOND FLOOR OTB TOTAL AREA COVERAGE INC PORCH COVERAGE NOT INC PORCH 1015.8 WD15 3/ 1 3/4" X11 7/8" (2.0E) L

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

44 SMOKE ALARM, O.B.C.- 9.10.19. -PROVIDE 1 IN EACH BEDROOM
-PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS INSTALLED AT OR NEAR CEILING - 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.

WHERE THERE IS A FILE BURNING ASSUMPTION OF STREET 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 SIDELIPHT 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 (K3I U./U)

-R4 (K3I U./U) I) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY

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

### $\langle 49 \rangle$ EXTERIOR COLUMN W/ MASONRY PIER:

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

--MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP. REFER TO
ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT.

--SURROUND TO BE TIED W/ METAL TIES @ 16" (400mm) O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4. -3/4" AIR SPACE AROUND POST.

-MIN. 6"X6" (140mm X 140mm) WOOD POST CLAD W/ DECOR, SURROUND -MIN. 6 Y6" (140mm X 140mm) WOOD POST CLAD W/ DELOK. SURROUND
(PER ELEVATION DRAWINGS) ANCHORED TO CONC. CAP W/ METAL SADDLE.
-MASONRY PIER TO BE CONSTRUCTED SOLID W/ PRECAST CONCRETE CAP.
REFER TO ELEVATION DRAWINGS FOR PIER SIZE AND CAP HEIGHT.
NOTE: DECORATIVE STRUCTURAL COLUMNS MAY REPLACE & Y. 6" POST
PROVIDED THAT THEY ARE IN CONFORMANCE WITH O.B.C. 9.17.4.

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

50 COLD CELLARS: FOR COLD CELLARS PROVIDE THE FOLLOWING COVER VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA.

COVER VENT W/ BUG SCREEN -L1+L7 FOR DOOR OPENING -2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN R-4 RSI 0 7)

ELECTRICAL VEHICLE CHARGING REQUIREMENTS:

## 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) & .8.3.13.(4)(c) GRAB BARS TO BE INSTALLED AS PER O.B.C. 9.8.7.7.(2)

NSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSL2.11)

REFER TO OBC 9.34.4.1. FOR REQUIRMENTS (EFFECTIVE JANUARY 2018) 53 WINDOW GUARDS: <u>@ STAIRS, LANDINGS & RAMPS</u> - OBC 9.8.8.1.(8) WINDOW SILL AT 3'-0" (900mm) OR GREATER DOES NOT REQUIRE GUARDS @ FLOORS - OBC 9.8.8.1.(6) /INDOWS LESS THAN 1'-7" (480mm) ABOVE FLOORS WHERE ADJACENT GRADE

IS GREATER THAN 5'-11" (1800mm) REQUIRE A GUARD PER OBC 9.8.8.2. WINDOW TO BE NON-OPERABLE AND DESIGNED TO WITHSTAND LATERAL LOADS PER OBC 9.8.8.1.(8)(b)

#### **FRAME CONSTRUCTION:** -ALL FRAMING LUMBER TO BE No.1 AND No. 2 SPF UNLESS NOTED OTHERWISE. ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND

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)
-DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING PARALLEL PARTITIONS
-BEAMS TO BE PLACED UNDER LOADBEARING WALLS WHEN WALLS ARE PARALLEL TO FLOOR JOISTS BEAMS MAY BE A MAX. 24" (600mm) FROM LOADBEARING WALLS

WHEN WALLS ARE PERPENDICULAR TO FLOOR JOISTS

THEY FRAME INTO SIDES OF BEAMS, TRIMMERS AND HEADERS

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" (38mr -FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X

#### 235mm) OR LARGER. WATERPROOF WALLS IN BATHROOMS:

### REQUIRED AS PER OBC 9.29.2.1.

FESSION PROPERTY

R. J. C. GOHLICH

100502549

Aug 29/2015

VCE OF O

1058.3

FOR STRUCTURAL ONLY

(0.0) (0.0)

98.3 1058.3

94.3 1015.8

EXCLUSING ENSHINEERED SM

RAIN LOADS.

WINDOWS: -WINDOWS TO BE SEALED TO THE AIR & VAPOR BARRIER WINDOWS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF 1.6 W/(m2.K) OR

AN ENERGY RATING OF NOT LESS THAN 25 FOR WINDOWS BE DOUBLE GLAZED WITH LOW-E COATING SKYLIGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

### -FOR GROSS GLAZED AREAS LESS THAN AND FOLIAL TO 17%

DRAIN WATER HEAT RECOVERY: DWHR UNITS TO BE INSTALLED AS PER OBC \$B-12 3.1.1.1.(22) & 3.1.1.12. SENTENCES (1) TO (6) DWHR ARE REQUIRED IN ALL DWELLING UNITS TO RECEIVE DRAIN WATER M ALL SHOWERS OR FROM AT LEAST 2 SHOWERS WHERE THERE ARE 2

RE SHOWERS PROVIDED THERE IS A CRAWL SPACE OR STOREY

| ELEVATION 'C' | ELEVATION 'D'

SF

73.5 792.1

89.8 954.4

(0.0)

(0.0)

98.3 | 1091.8 | 101.4 | 1091.8 | 101.4

94.3 | 1015.8 | 94.3 | 1015.8 |

SM

73.5

88.6

(0.0)

SM

792.1

967.4

(0.0)

160.8 | 1751.9 | 162.7 | 1759.5 | 163.4 | 1746.5 | 162.2

(0.0)

Gold Park Homes

Mclaughlin and Mayfield

SD-3 Brampton

3/16" = 1'0"

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

26995

# Drawing List:

A1 BASEMENT FLOOR PLAN ELEV. 'A' PARTIAL BASEMENT FLOOR PLAN ELEV. 'B'

FIRM BCIN:

SIGNATURE:

A2 GROUND FLOOR PLAN ELEV. 'A' PARTIAL GROUND FLOOR PLAN ELEV. 'B' A3 SECOND FLOOR PLAN ELEV. 'A'

PARTIAL SECOND FLOOR PLAN ELEV. 'B' A4 PART. BASEMENT FLOOR PLAN ELEV. 'C' PART. BASEMENT FLOOR PLAN ELEV. 'D' PART, GROUND FLOOR PLAN ELEV, 'C' PART. GROUND FLOOR PLAN ELEV. 'D' PART. SECOND FLOOR PLAN ELEV. 'C'

PART. SECOND FLOOR PLAN ELEV. 'D' A5 FRONT ELEVATION 'A' FRONT ELEVATION 'B' REAR ELEVATION 'B'&'D' REAR ELEVATION 'A'&'C'

A6 RIGHT SIDE ELEVATION 'B' LEFT SIDE ELEVATION 'A' A7 FRONT ELEVATION 'C'

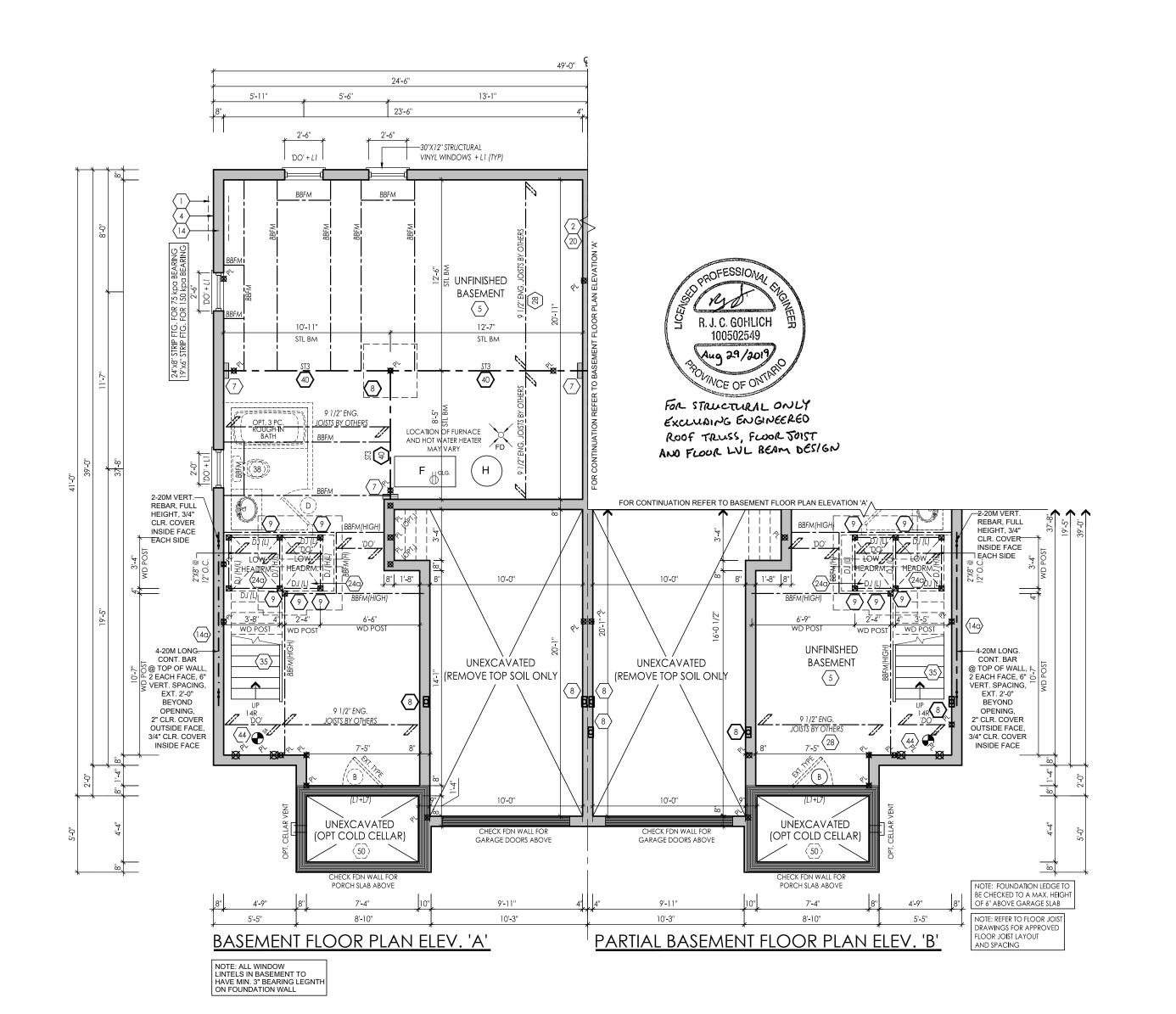
FRONT ELEVATION 'D'

A8 RIGHT SIDE ELEVATION 'D' LEFT SIDE ELEVATION 'C' TYPICAL CROSS SECTION - SEMI (BRICK) A9 PARTIAL BASEMENT FLOOR PLAN ELEV 'A' & 'B'

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#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	04/07/2014	ng	rpa
2	REVISED AS PER ARCH. CONTROL COMMENTS.	13/08/2014	rpa	djh
3	REVISED AS PER ROOF TRUSS COORDINATION.	14-Aug-14	rpa	djh
4	REVISED AS PER FLOOR COORDINATION.	15-Aug-14	rpa	djh
5	REVISED AS PER ENGINEERING COMM.	27/05/2015	RPA	DJH
6	ISSUED FOR PERMIT	16/06/2015	RPA	DJH
7	REVISED PER 2017 OBC ENACTMENT	21-Feb-17	PM	JP
8	ISSUED FOR PERMIT	2017-08-29	ММ	JM
9	CHANGE PARTY WALLS TO DBL STUD	4-JUNE-19	JM	JM
11	REVISED PER ENG. COMMENTS, ISSUED FOR PERMIT PH 2	28-AUG-19	LO	JM
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QUALIFIED DESIGNER BCIN: FIRM BCIN:

SIGNATURE:

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5	ISSUED FOR PERMIT	16/06/2015	RPA	DJH
6	REVISED PER 2017 OBC ENACTMENT	23-Mar-17	PM	JP
7	REVISED AS PER FLOOR COORDINATION & ISSUED FOR PERMIT	AUG-10-17	PV	JM
8	CHANGE PARTY WALLS TO DBL STUD	4-JUNE-19	JM	JM
9	REVISED PER ENG. COMMENTS, ISSUED FOR PERMIT PH 2	28-AUG-19	LO	JM
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clie

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Mclaughlin and Mayfield

model

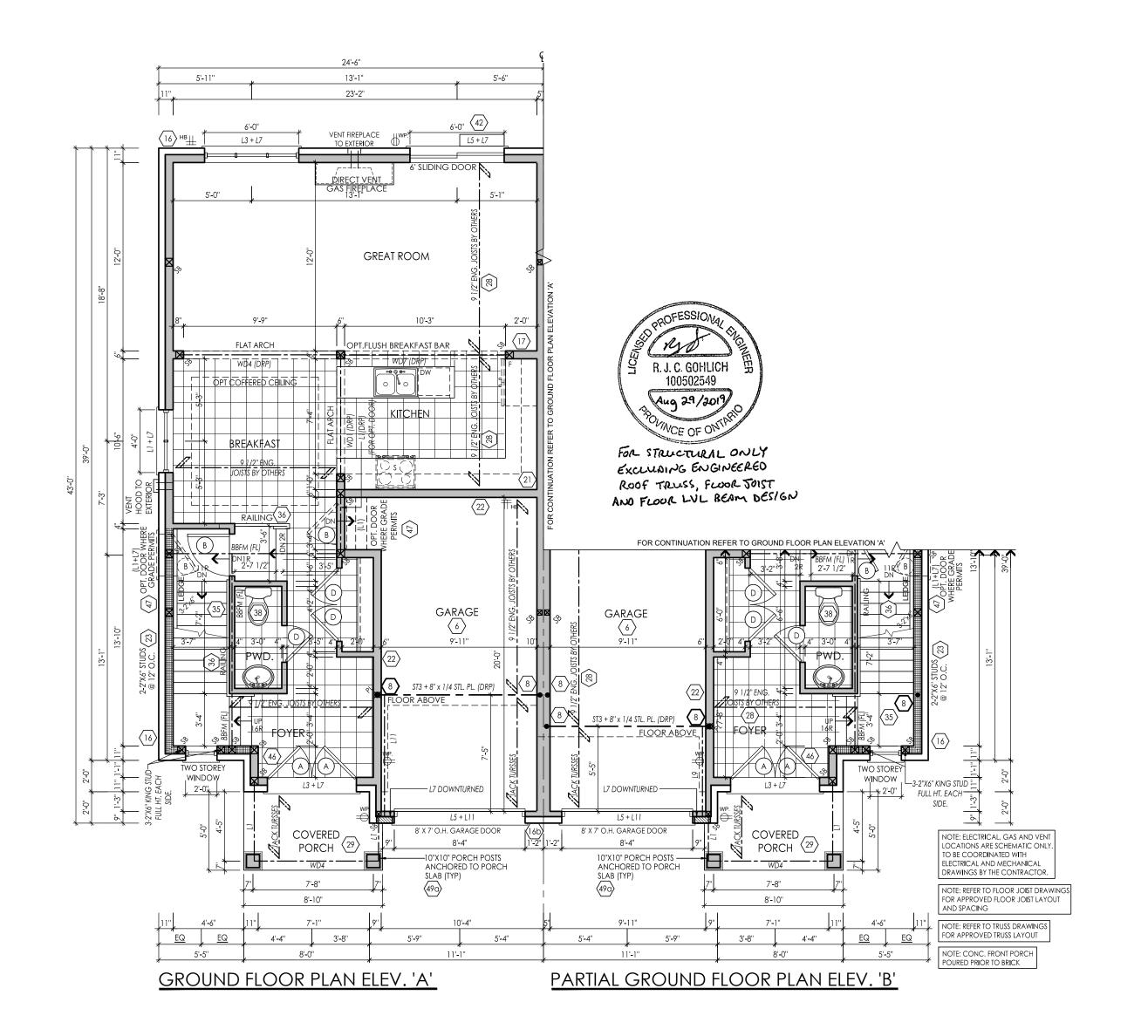
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3/16" = 1'0"

(s)

A 1







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4	REVISED AS PER ENGINEERING COMM.	27/05/2015	RPA	DJH
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6	REVISED PER 2017 OBC ENACTMENT	23-Mar-17	PM	JP
7	REVISED AS PER FLOOR COORDINATION & ISSUED FOR PERMIT	AUG-10-17	PV	JM
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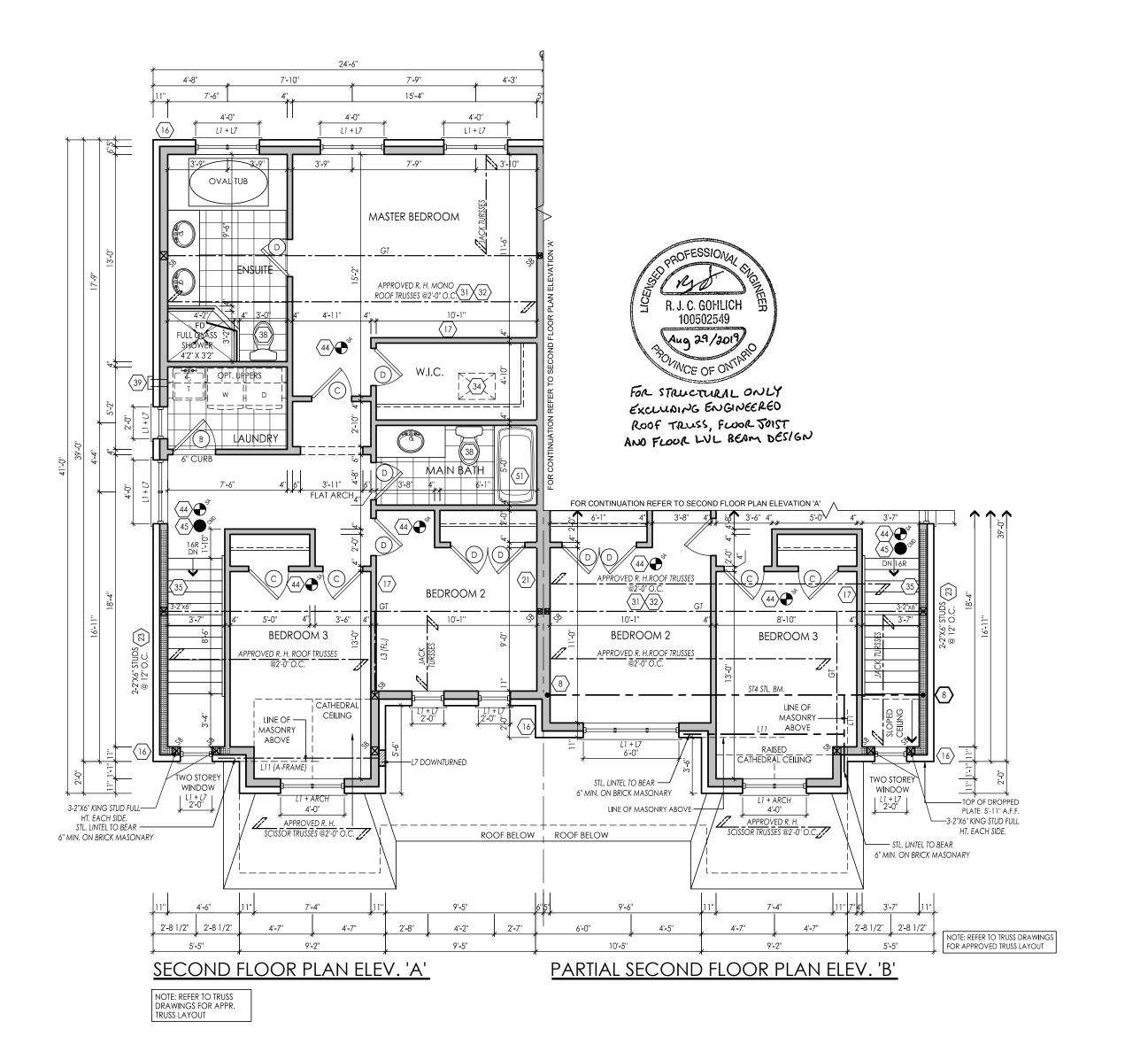
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scale 3/16" = 1'0"

lot(s)

A2



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SIGNATURE:

26995

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3	revised as per engineering comm.	27/05/2015	RPA	DJH
4	ISSUED FOR PERMIT	16/06/2015	RPA	DJH
5	REVISED PER 2017 OBC ENACTMENT	23-Mar-17	PM	JP
6	REVISED AS PER FLOOR COORDINATION & ISSUED FOR PERMIT	AUG-10-17	PV	JM
7	CHANGE PARTY WALLS TO DBL STUD	4-JUNE-19	JM	JM
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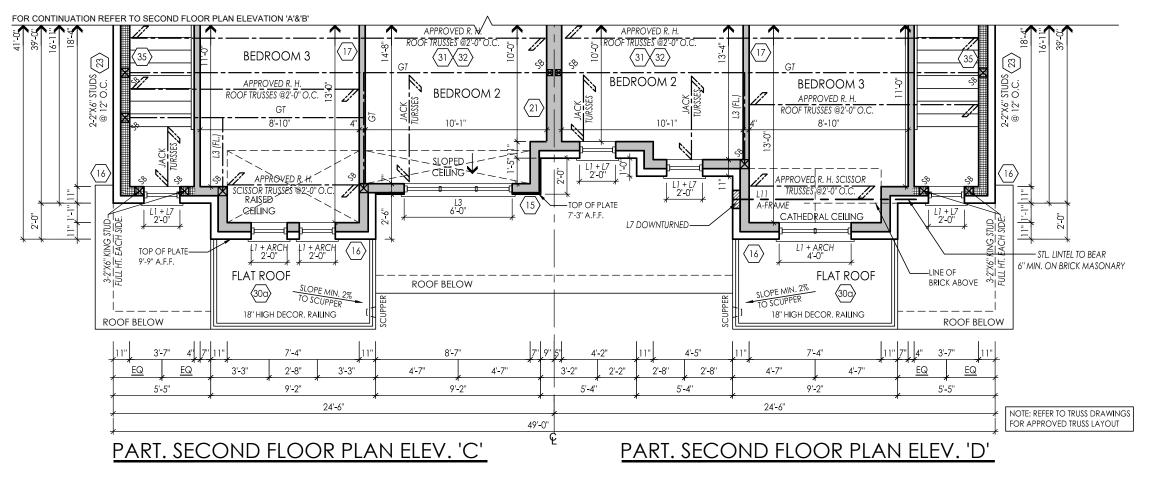
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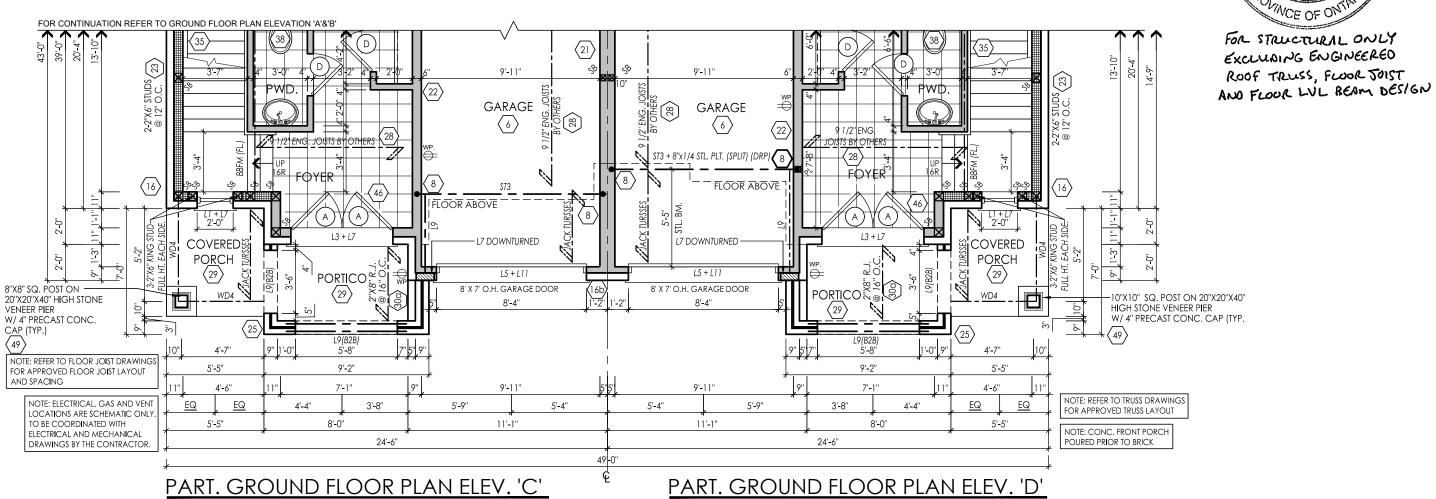
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3/16" = 1'0"

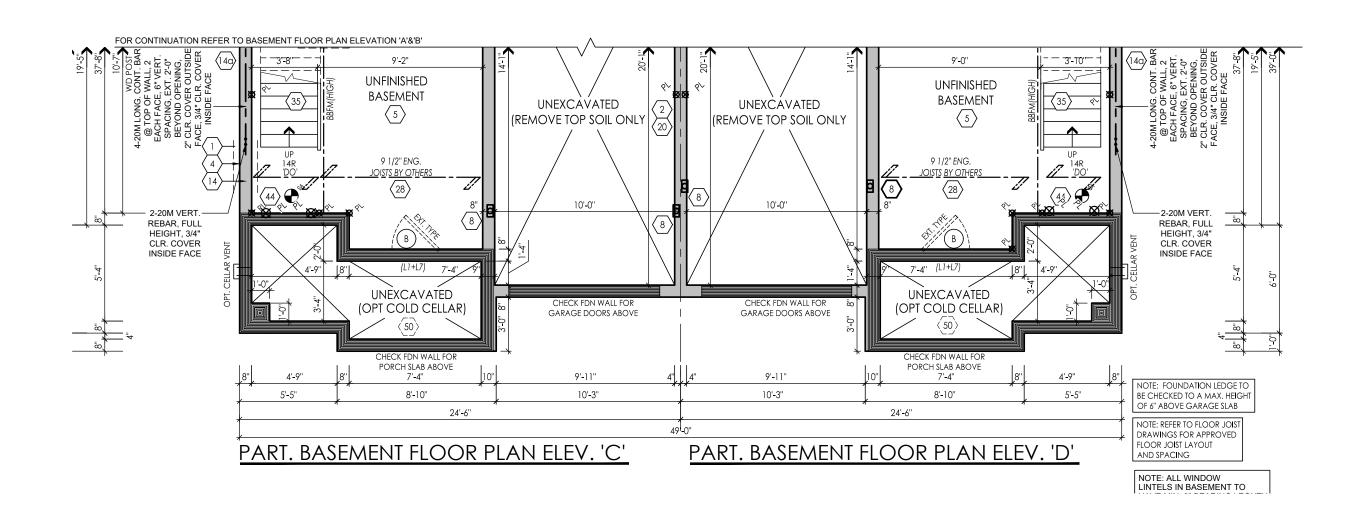
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43





PART. GROUND FLOOR PLAN ELEV. 'D'







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SIGNATURE:

R. J. C. GOHLICH

100502549 Aug 29/2019

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6	REVISED PER 2017 OBC ENACTMENT	23-Mar-17	PM	JP
7	REVISED AS PER FLOOR COORDINATION & ISSUED FOR PERMIT	AUG-10-17	PV	JM
8	REVISED AS PER ENG. COMMENTS, STEEL LINTEL AT GARAGE	18-Apr-10	jm	jm
9	CHANGE PARTY WALLS TO DBL STUD	4-JUNE-19	JM	JM
10	REVISED PER ENG. COMMENTS, ISSUED FOR PERMIT PH 2	28-AUG-19	LO	JM
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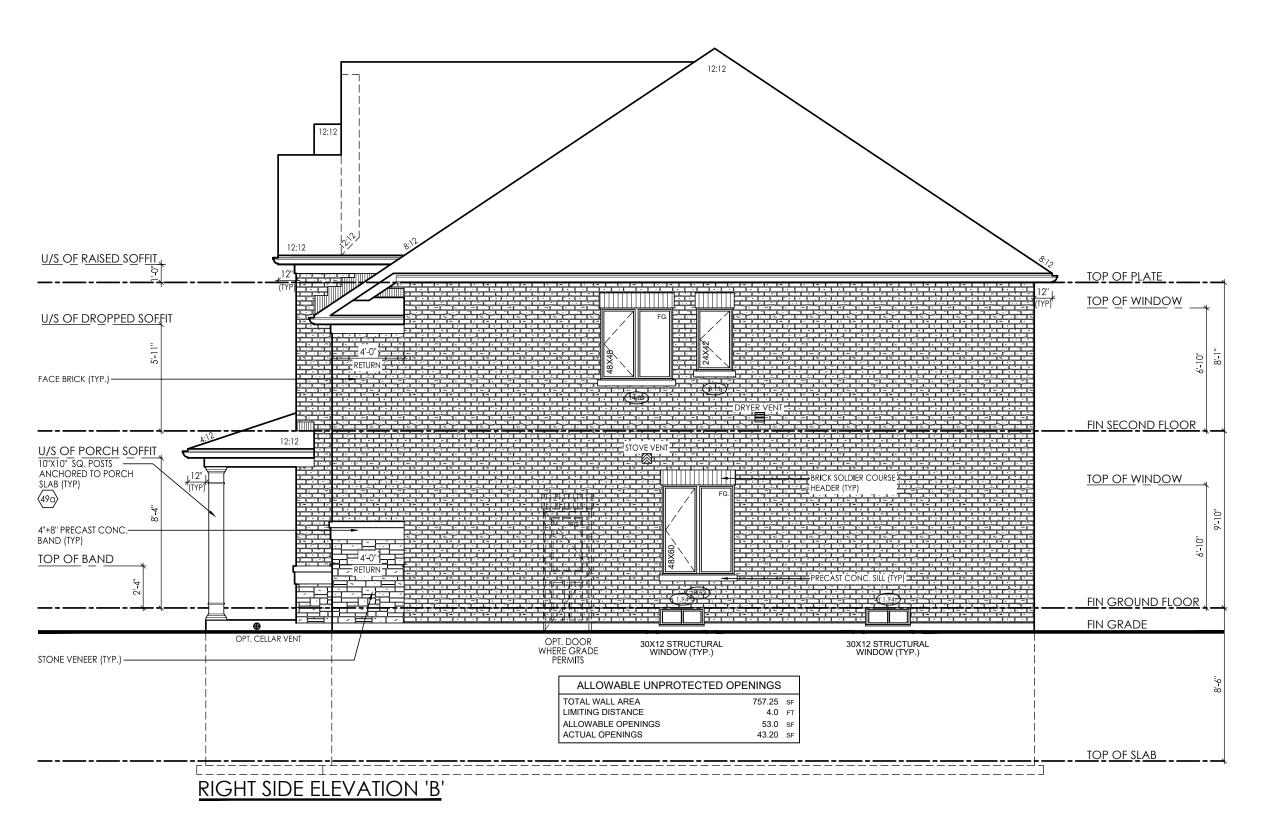
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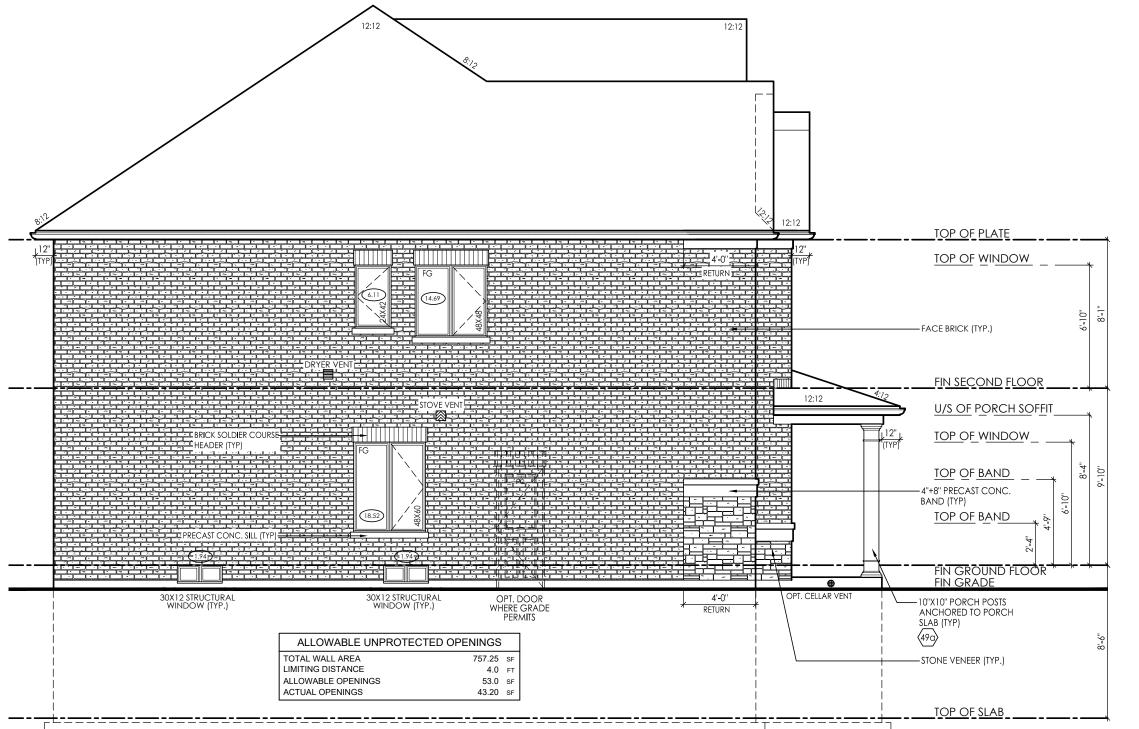
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LEFT SIDE ELEVATION 'A'

RN design

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project # 13098

scale 3/16" = 1'0"

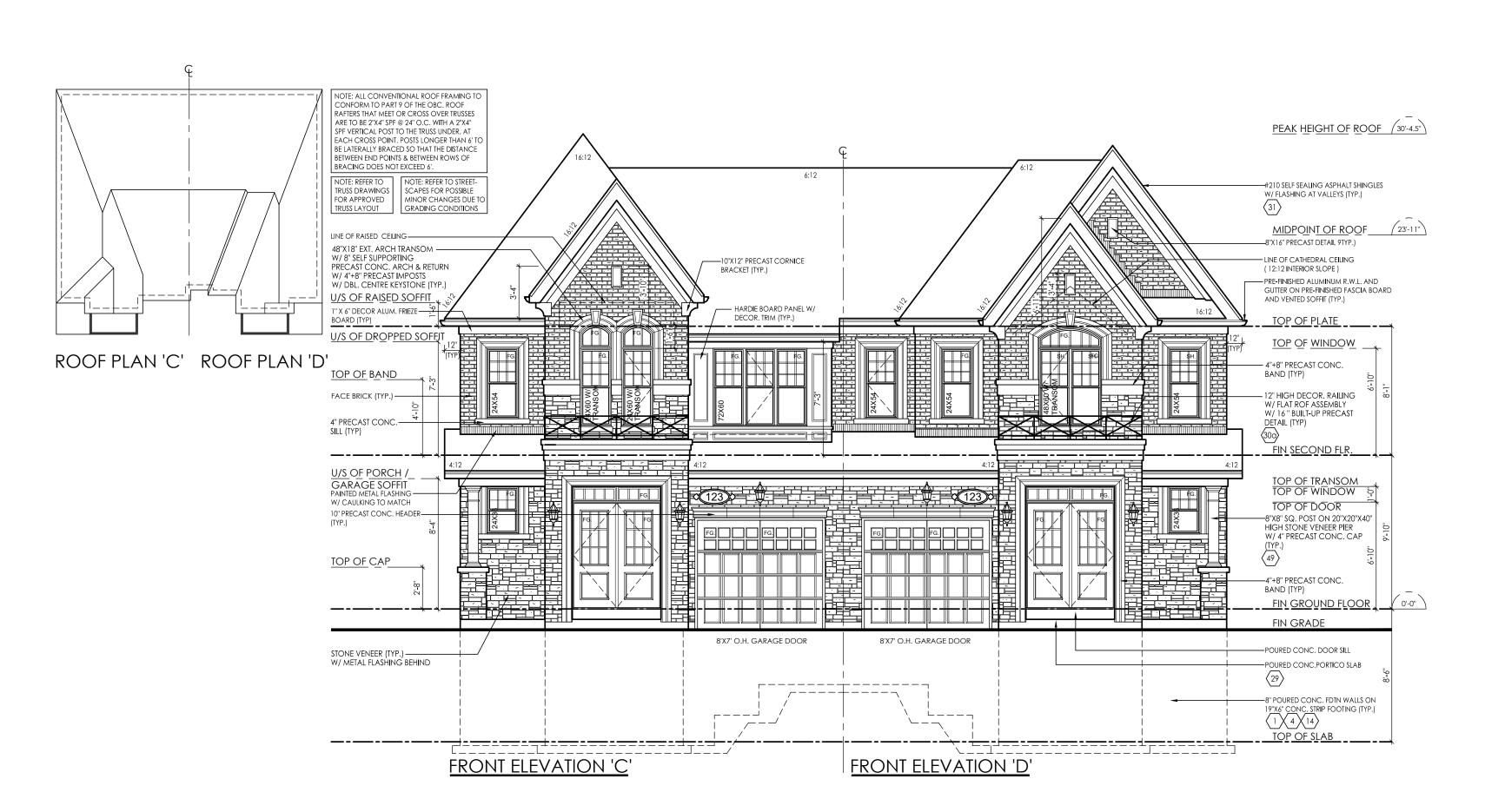
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## **GROSS GLAZING AREA 'C'**

TOTAL PERIPHERAL WALL AREA	<b>2414.39</b> SF	224.30
FRONT GLAZING AREA	<b>62.54</b> sf	5.81
LEFT SIDE GLAZING AREA	43.22 SF	4.02
RIGHT SIDE GLAZING AREA	0.0sF	0.00
REAR GLAZING AREA	115.25 SF	10.71
TOTAL GLAZING AREA	221.01 SF	20.53
TOTAL GLAZING PERCENTAGE	9.15 %	

## **GROSS GLAZING AREA 'D'**

TOTAL PERIPHERAL WALL AREA	2414.39 SF	224.30 n
FRONT GLAZING AREA	<b>50.54</b> SF	4.70 n
LEFT SIDE GLAZING AREA	0.0sF	0.00 n
RIGHT SIDE GLAZING AREA	<b>43.22</b> SF	4.02 n
REAR GLAZING AREA	115.25 SF	10.71 n
TOTAL GLAZING AREA	209.01 SF	19.42 n
TOTAL GLAZING PERCENTAGE	8.66 %	



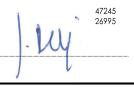
RN design Imagine - Inspire - Create



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 REGISTERED IN THE APPROPRIATE CLASSES / CATEGORIES.

QUALIFIED DESIGNER BCIN: FIRM BCIN:

SIGNATURE:



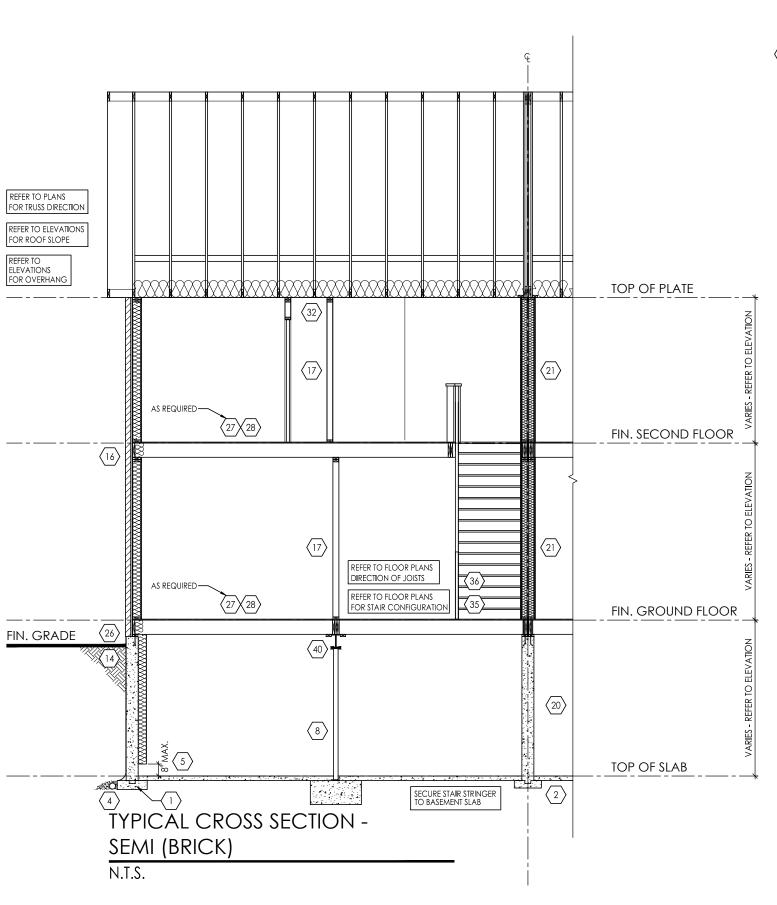
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot. This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of BRAMPTON.

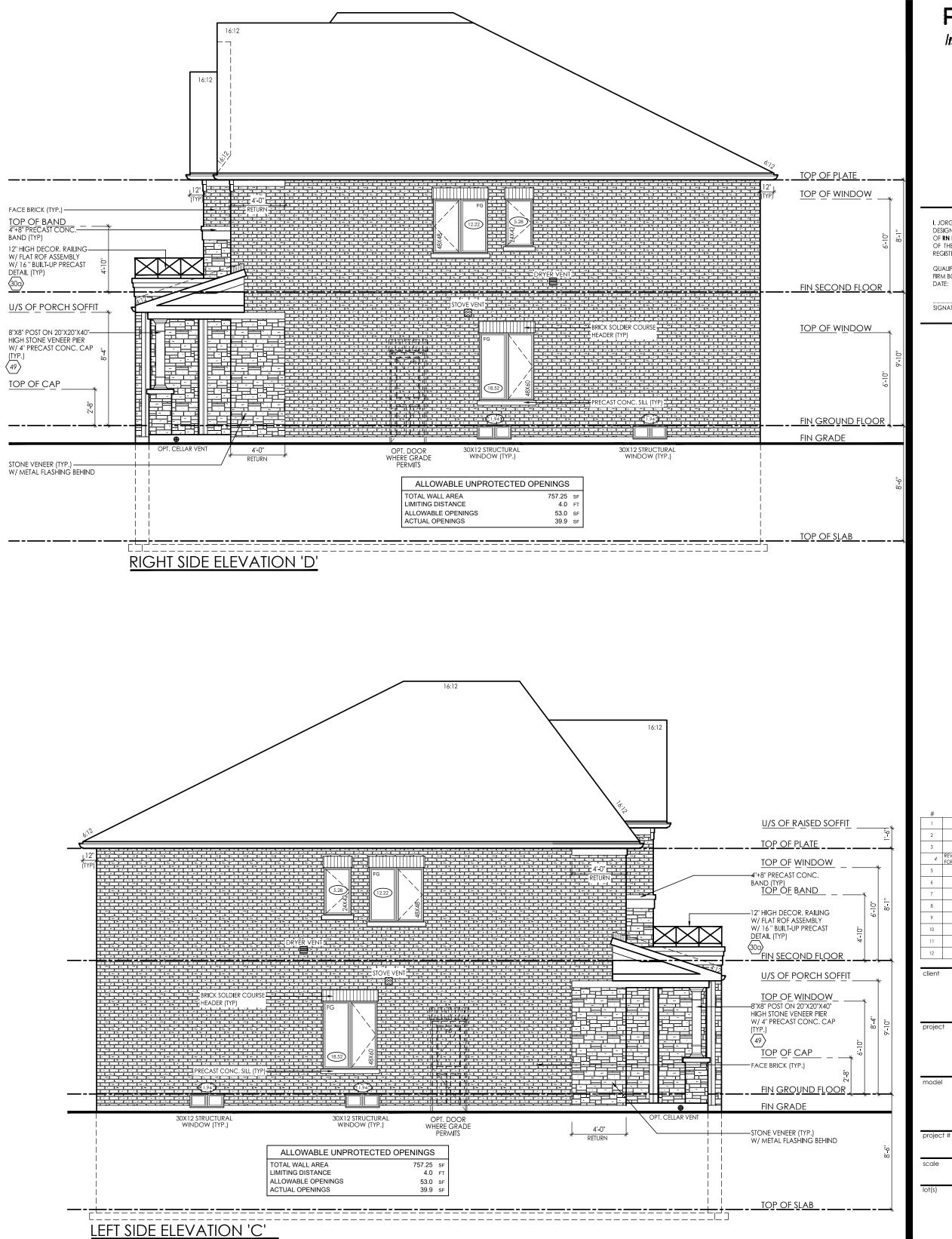
#	revisions	date	dwn	chk
1	ISSUED FOR CLIENT REVIEW	04/07/2014	ng	rpa
2	REVISED AS PER ARCH. CONTROL COMMENTS.	13/08/2014	rpa	djh
3	ISSUED FOR PERMIT	16/06/2015	RPA	DJH
4	ISSUED FOR PERMIT	2017-08-25	MM	JM
5	REVISED PER ENG. COMMENTS, ISSUED FOR PERMIT PH 2	28-AUG-19	LO	JM
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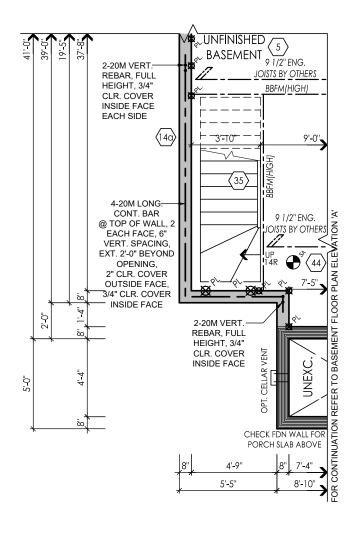
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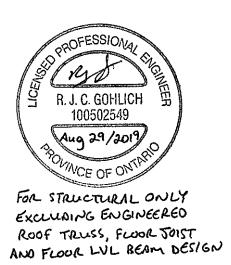
#	revisions	date	dwn	chk
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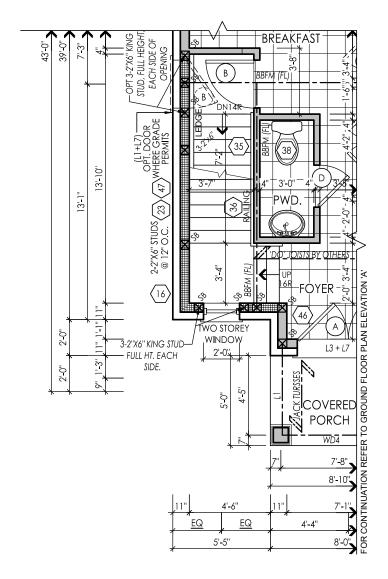
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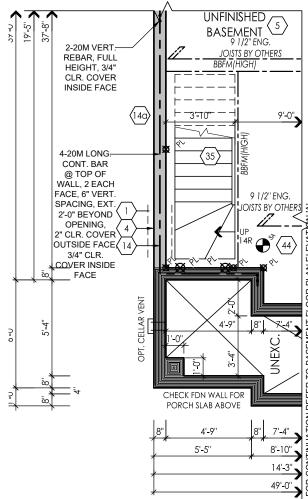


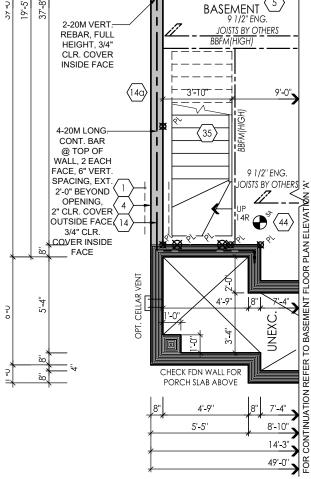




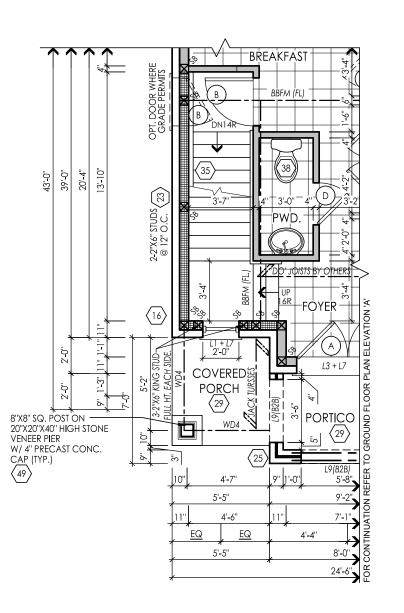
## PARTIAL BASEMENT FLOOR PLAN ELEV 'A' & 'B'







PARTIAL BASEMENT FLOOR PLAN ELEV 'C' & 'D'



PARTIAL GROUND FLOOR PLAN ELEV 'C' & 'D'





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