CONSTRUCTION NOTES: COMPLIANCE PACKAGE J - O.B.C. 2012 - 2014 ENACTMENT (UNLESS OTHERWISE NOTED)

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-ALL CONSTRUCTION TO CONFORM TO THE ONTARIO

BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES HAVING -ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC. THERMAL RESISTANCE VALUES BASED ON ZONE **FOOTINGS / SLABS:** TYPICAL STRIP FOOTING:

O.B.C. 9.15.3. -BASED ON 16'-1"(4.9m) MAX. SUPPORTED JOIST LENGTH -MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS -SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL W/ MIN. -FTG. SIZES MAY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY (AS PER

-3 STOREY - 18" X 5" (460mm X 130mm)

YPICAL STRIP FOOTING: (EXTERIOR WALLS)

-FTG. TO EXTEND MIN. 4'-0" (1200mm) BELOW GRADE BRICK VENEER -1 STOREY -18" 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)

2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS) -1 STOREY MASONRY - 16" X 4" (410mm X 100mm) -1 STOREY STUD -12" X 4" (305mm X 100mm) -2 STOREY MASONRY -2 6" 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 RUN.

DRAINAGE TILE OR PIPE: O.B.C. 9.14.3.

-4" (100mm) MIN. DIA, LAID ON UNDISTURBED OR WELL COMPACTED SOIL W/TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF FLR. SLAB. -COVER TOP & SIDES OF TILE OR PIPE W/57/8" (150mm) OF CRUSHED STONE OR OTHER COURSE CLEAN GRANULAR MATERIAL. -TILE SHALL DRAIN TO A SEWER, DRAINAGE DITCH, OR DRY WELL.

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

-3" (75mm) CONCRETE SLAB -2200psi (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5. DAMPPROOF BÉLOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS. PAMPPROOFING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPa COMPRESSIVE STRENGTH AFTER 28 DAYS 4" (100mm) OF COURSE GRANULAR MATERIAL -PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO O.B.C.

FLOOR DRAIN PER O.B.C.9.31.4.4. -R10 (RS1 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 (O.B.C. SB-12 - 2.1.1.6 (5)) LINI ESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CO ROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD

SLAB ON GROUND:

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

-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG. -FLOOR DRAIN PER O.B.C.9.31.4.4. UNI ESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A ROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD

GARAGE SLAB / EXTERIOR SLAB:

-4"(100mm) CONCRETE SLAB ii (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINFORCED -4650psi (32MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR UNREINF 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

-ANY FILL PLACED UNDER SLAB , OTHER THAN COURSE CLEAN GRANULAR MATERIAL, SHALL BE COMPACTED. 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. BEAM POCKET -4" (100mm) INTO FDN. WALL W/ WIDTH TO MATCH BEAM SIZE.

STRUCTURAL COLUMNS -SIZES BASED ON COLUMN SUPPORTING BEAMS CARRYING LOADS FROM NOT MORE THAN 2 WOOD FRAME FLOORS, WHERE THE LENGTHS OF JOISTS CARRIED BY SUCH BEAMS DO NOT EXCEED 16'-1" (4.9m) AND THE LIVE LOAD ON ANY FLOOR DOE IOT EXCEED 50psf (2.4kPa).

8 STEEL PIPE COLUMN:

-FIXED COLUMN
-MIN. 3 1/2" (90mm) DIA. W/ 3/16" (4.76mm) WALL THICKNESS -FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mmX 100mmx 6.35mm) -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 -ABBFMUSTABLE COLUMNS TO CONFORM TO CANI/CGSB-7.2-M WHERE IMPOSED LOAD DOES NOT EXCEED 36 KN (O.B.C. 9.17.3.4.) COL. SPACING - 34" X 34" X 16" - (860mmX 860mmX 400mm)

-MAX. 16'-0" (4880mm) - 44" X 44" X 21 (1120mmX 1120mmX 530mm) - 40" X 40" X 19" -MAX. 9'-10" (2997mm) 0mmX 1010mmX 480mm) -MAX. 16'-0" (4880mm) - 51" X 51" X 24" -WHERE COL. SITS ON FDN. WALL, USE 4" X 8" X 5/8" (100mmX 200mmX 16mm) STEEL

PLATE WITH 2-5/8" (16mm) ANCHOR BOLTS 9 WOOD COLUMN: -5 1/2" X 5 1/2" (140mm X 140mm) SOLID WOOD COLUMN. -25" X 25" X 12" (640mmX 640mmX 300mm) CONC. PAD (1 FLOOR SUPPORTED W/ -3-4" X 34" X 14" (860mmX 860mmX 360mm) CONC. PAD (2 FLOORS SUPPORTED W/9'-10" COL. SPACING)

DELOCK PARTY WALL BEAM END BEARING: (WOOD BEAM / GIRDER TRUSSES) -2"X8"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.6 -WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11 WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE BETWEEN ABBFMACENT BEAMS

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

WALL ASSEMBLIES: 14 FOUNDATION WALL:

> -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 ateral support provided by anchored sill plate to joists -FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE II CONFORMANCE TO O.B.C.- T.9.15.4.1 SHALL BE USED OR IT SHALL BE DESIGNED UNDER O.B.C.- PART 4 WALL SHALL EXTEND A MIN. 5 7/8" (150mm) ABOVE GRADE -Insulate w/ 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.)
-BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL

REDUCTION OF THICKNESS: MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2' -FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR

WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE MAX 13-3/4" (350mm) HIGH & MIN. 3-1/2" (90mm) THICK DAMPPROOFING & WATERPROOFING: DAMPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C. 9.13.2 -WHFRF INSULATION EXTENDS TO MORE THAN 4'-9" (1450mm) BELOW GRADE, A FDN.

ALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 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 -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) -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 EXTEND 2'-0" (600mm) BEYOND BOTH SIDES OF OPENING. 5 FRAME WALL CONSTRUCTION: O.B.C. 9.23.

SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.) -WALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2. -MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A

EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD OR EQUIV.

-2" X 6" (38mm X 140mm) WOOD STUDS @ 16" (400mm) O.C. -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 -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' -2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES OF REQ. FOR FIRE RATING (LESS THAN 2'-0" LIMITING DISTANCE): 1/2" (190mm) CONC, BLOCK, MIN, 2 HR, FIRE-RESISTANT RATING -EVERY FIREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS r to requirements for less than 4'-0" limiting distance and add/replace the -STAGGER JOISTS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER O.B.C. 9.10.9.9.(1) & TABLE 2.1.1 SB-2 non-combustable siding or stucco as per elevations (refer to manufacturer's COUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1) ROTRUDE PAST FASCIA @ FAVES W/ BRICK CORBELLING

ALTERNATE FRAME WALL CONSTRUCTION:

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

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

-ADD 1/4 (6III) FT WOOD (EATERIOR THE) OR EQUIVALENT AS FER O.B.C. 7.23 BETWEEN RIGID INSULATION AND WOOD STUD. -REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING

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

-VINYL SIDING IS PERMITTED PER O.B.C. 9.10.15.5.(3). OVER SHEATHING PAPER OVER 1/2"

SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED

1.1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16. 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C.

1/2 (12.7mm) GTYSUM BOAKU
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

FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO

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.

-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO

SPACED @ 12" (300mm) O.C.

MANUFACTURER'S SPECIFICATIONS).

FRAME WALL CONSTRUCTION @ GARAGE:

(12,7mm) GYPSUM BOARD

UFACTURER'S SPECIFICATIONS).

BRICK VENEER CONSTRUCTION:

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

ALTERNATE BRICK VENEER CONSTRUCTION:

HE FULL LENGTH OF WALL, OR

-R14 (RSI 2.46) INSULATION

BE SPACED @ 12" (300mm) O.

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

 $\underline{\sf REQ.\;FOR\;FIRE\;RATING\;(LESS\;THAN\;4'-0''\;LIMITING\;DISTANCE):}$

ADD ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.

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

-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO

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

1/2" (12.7mm) GYPSUM EXTERIOR SHEATHING WHICH REPLACES EXTERIOR PLYWOOD

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

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

1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16

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

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

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.

-REPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE INSULATING

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

-MIN. 0.03" (0.76mm) THICK, 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @ MAX. 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C. VERTICAL SPACING -PROVIDE WEEP HOLES @ 2-7" (800mm) O.C. @ BTM. COURSE & OVER OPENINGS

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

-1" (25mm) AIR SPACE -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.)

-2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS

-BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO BTM. PLATE FOR

CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL

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

OR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE REQUIRED TO

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

O.B.C. SB-3 WALL = EW1b (STC = N/A, FIRE = 45 MIN)

BETWEEN RIGID INSULATION AND WOOD STUE

BRICK VENEER CONSTRUCTION @ GARAGE:

BE SPACED @ 12" (300mm) O.0

INTERIOR STUD WALLS:

19 PARTY WALL - BLOCK:

U/S OF ROOF DECK

9.10.9.9.(1) & TABLE 2.1.1. SB-2

190 PARTY WALL - BLOCK (AGAINST GARAGE):

1/2" (12.7mm) GYPSUM BOARD

-R20 (RSI 3.52) RIGID INSULATION

REQ. INSULATION VALUES:

-WOOD FRAME W/ GYPSUM

TAPE AND SEAL ALL JOINTS GAS TIGHT

-AIR FILM - MOVING = 0.68

INSULATION VALUES PROVIDED BY CAN/CSA-F280-M90 -RIGID INSULATION = 20.00 -LOW DENSITY CONCRETE BLOCK= 1.70

THROUGH WALL FLASHING PER O.B.C. 3.1.10.4.(1)

BEARING STUD WALL (BASEMENT):

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

FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD THE FOLLOWING MATERIALS: -ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.

-REPLACE R14 (RSI 2.46) INSULATION WITH R14 (RSI 2.46) ABSORPTIVE INSULATING

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

-PROVIDE WEEP HOLES @ 2'-7" (800mm)O.C. @ BTM. COURSE & OVER OPENINGS

-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

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

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

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

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

-2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ - DOUBLE 2" X 4" OR 2" X 6" TOP PLATES AND SINGLE BOTTOM PLATE -1/2" (12.7mm) GYPSUM BOARD BOTH SIDES.

X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C. W/ BL. 2" X 4" OR 2" X 6" TOP PLATE.

2" X 4" OR 2" X 6" BOTTOM PLATE ON DAMPPROOFING MATERIA

2" (12.7mm) GYPSUM BOARD BOTH SIDES. 2" (12.7mm) DIA. ANCHOR BOLTS @ 7'-10" (2400mm) O.G

FOOTING AS PER GENERAL NOTE #2 W/ 4" CONC. CURB

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

ADD R15 (RSI 2.64) ABSORPTIVE MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.

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

PACE BETWEEN TOP OF WALL & ROOF DECK SHALL BE TIGHTLY FILLED W/ MINERA

BSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE CAVITY

TAGGER JOISTS & BEAMS MIN. 3 1/2" (90mm) @ PARTY WALLS AS PER O.B.C.

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

7 1/2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) 1/2" (12.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN HOUSE AND

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.

-2" X 2" (38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH SIDES

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

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

VALL SHEATHING MEMBRANE AS PER O.B.C. 9.27.3.2.

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

4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16

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

DR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED

MIN 0.03" (0.74mm) THICK 7/8" (22mm) WIDE CORROSION RESISTANT STRAPS @

NATERIAL 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.

DR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO

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

STRAPS @ MAX, 15 3/4" (400mm) O.C. HORIZONTAL & 23 5/8" (600mm) O.C.

BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

-7/4 (611111) FET WOOD (EXTERIOR TIPE) OR EQUIVALENT AS
-2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C.
-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.)

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

-BRICK OR STONE SILLS UNDER OPENINGS, FLASHING UNDER

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

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

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

GRADE (O.B.C. 9.28.1.4. & 9.27.)

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

SIDING OR STUCCO AS PER ELEVATIONS, MIN. 7 7/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.) -1 1/2" (38mm) R8 (RSI 1.41) RIGID INSULATION W/ TAPED JOINTS (O.B.C. 9.27.3.4.)
-BRACE W/ CONT. 16 GAUGE STEEL T' BRACES FROM TOP PLATE TO BTM. PLATE FOR THE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmX 89mm) SOLID WOOD BLOCKING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL 2" X 4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm) O.C. ON BOTTOM FLR. WHEN 3 STOREYS.

-R14 (RSI 2.46) INSULATION (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. /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

PARTY WALL - WOOD STUD:
O.B.C. SB-3 WALL = W13a (STC = 57, FIRE = 1 HR) -MIN. 1 HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS 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 -SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF -5/8" (16mm) TYPE 'X' GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED & FILLED. -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 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 REQUIRED TO BE SPACED @ 12" (300mm) O.C ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.16.

FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE REQUIRED TO BE SPACED @ 12" (300mm) 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 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). " (12.7mm) GYPSUM BOARD ROOF FRAMING MEMBERS ARE FASTENED TO TOP PLATES WITH

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

4 - 3 1/4" (82mm) TOE NAILS BOTTOM PLATES ARE FASTENED TO FLOOR JOISTS, BLOCKING OR WALLS ABBEMACENT TO ATTIC SPACE: NTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. & -2" X 6" (38mmX 140mm) WOOD STUDS @ 16" (400mm) O.C.

-1/2" (12.7mm) GYPSUM BOARD OR 1/4" (6mm) PLYWOOD SHEATHING ON ATTIC ATTIC ACCESS TO BE PROVIDED AS PER O.B.C. 9.19.2.1. DOUBLE VOLUME WALLS: 3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING STOREST TO STUD SPECIFICATION
STUDS FASTENED AT TOP & BOTTOM WITH 3/ 3-1/4" (82mm) TOE NAILS DOUBLE TOP PLATES FASTENED TOGETHER WITH 3" (76mm) AT 7 7/8" (200mm) O.C. SOLID BRIDGING AT 3'-11" (1200mm) O.C. MIN R22 (RSL3.87) INSULATION (70NF.1. O.B.C. T.2.1.1.2.A.).

CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C. 9.25.3. & 9.25.9. 4 EXPOSED FLOOR:
-FLOOR AS PER NOTE # 28
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ D.B.C.- 9.25.3. & 9.25.4. R31 (RSI 5.46) INSULATION

SUNKEN FINISHED AREAS: OUNDATION WALLS EXTEND FOOTINGS TO SUPPORT POSTS WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS NSTEAD OF USING BEARING POSTS.
-FLOOR STRUCTURE AS PER NOTE # 28.

DOUBLE MASONRY WYTHE WALL: O.B.C. 9.20.8.2. 3 1/2" MASONRY VENEER ON 2" MORTAR JOINT ON 3 1/2" MASONRY VENEER WYTHES TO BE TIED W/ METAL TIES INSTALLED AS PER O.B.C. 9.20.9.4. SILL PLATE REQUIRED FOR ROOF AND CEILING FRAMING MEMBER NOTE: MASONRY TO BE SOLID & MORTAR JOINT FILLED SOLID FOR FLOOR JOISTS BEARING ON WYTHES, FLOOR JOISTS ARE NOT TO PROJECT INTO CAVITY AREA

CORBEL MASONRY VENEER: -MASONRY VENEER TO BE CORBELLED AS PER O.B.C. 9.20.12.3.(1) FLOOR ASSEMBLIES: 6 SILL PLATE:

O.B.C. 9.23.14.3, 9.23.14.4

O.B.C. 9.23.7. -2" X 4" (38mm X 89mm) PLATE -2 A 1 (301111) ANCHOR BOLTS @ 7'-10" (2400mm) O.C. FASTENED TO PLATE W/ NUTS AND WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4" (100mm) INTO -SILL PLATE TO BE CALLIKED. OR PLACED ON A LAYER NOT LESS THAN: 1" (25mm IICK BEFORE COMPRESSING, OR FOAM GASKET, OR PLACED ON FULL BED OF BRIDGING & STRAPPING:

, 1" X 3" (19mmX 64mm) NAILED TO U/S OF JOISTS @ MAX. 6'-11" (2100mm) O.C. ASTENED TO SILL OR HEADER @ ENDS 7 BXID GIFE 1" X 3" (19mmX 64mm) OR 2" X 2" (38mmX 38mm) CROSS_BRIDGING @ MAX. 6'-11" c) BRIDGING & STRAPPING

1 1/2" (38mm) SOLID BLOCKING @ MAX. 6'-11" (2100mm) O.C. USED WITH STRAPPING I) FURRING OR PANEL TYPE CEILING STRAPPING NOT REQUIRED IF FURRING STRIPS OR PANEL TYPE CEILING FINISH IS ATTACHED DIRECTLY TO JOISTS. 28\ FLOOR ASSEMBLY:

5/8" (15.9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT FLOOR JOISTS AS PER FLOOR PLAN 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 @ 7.7/8" (200mm) FACH WAY

-23 5/8" (600mm) X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C. 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 LY WATERPROOF ROOF MEMBRANE OR EQUIVALENT ON 5/8" (15.9mm) EXTERIOR SRADE PLYWOOD SHEATHING ON 2"X4" WOOD PURLINS (CUT DIAGONALLY) D.C. DIRECTLY ON 2"X8" ROOF JOISTS @ 12" O.C. (OR AS NOTED ON PLAN) EXTERIOR GUARD AS PER #36c

- 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 Jobis ADD R31 (R31 5.46) Insulation Between Joists ADD COntinuous air/vapour Barrier in Conformance W/ O.B.C. 9.25.3. &

ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR ADD 5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C.-T.9.29.5.3.) **EXTERIOR FLAT ROOF ASSEMBLY:** SINGLE PLY WATERPROOF ROOF MEMBRANE OR EGINSTALLED PER MANUFACTURER'S SPECIFICATIONS. 1/4" EXTERIOR GRADE WOOD PANEL TYPE UNDERLAY TAPERED PURLINS SLOPED MIN. /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 ADD R31 (RSI 5.46) INSULATION BETWEEN JOISTS ADD CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. -ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR

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

ROOF ASSEMBLIES

YPICAL ROOF: NO. 210 (30, 5KG/m2) ASPHALT SHINGLES FOR ROOFS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2'-11" (900mm) FROM EDGE TO A LINE NOT LESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL -EAVES PROTECTION LAID BENEATH STARTER STRIP.
-EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES. STARTER STRIP AS PER O.B.C. 9.26.7.2. STARTER STRIP NOT REQUIRED AS PER O.B.C. 9.26.7.2.(3) APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S LAYOUT) TRUSS BRACING AS PER TRUSS MANUFACTURER -ATIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT.

-R50 (RSI 8.8) INSULATION ONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9.25.3. & 9.25.4. -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" 00mm) PAST THE INSIDE FACE OF EXTERIOR WALL. EAVES PROTECTION LAID BENEATH STARTER STRI 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 @

-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. -1/2" (12.7mm) GYPSUM BOARD CONVENTIONAL FRAMING: O.B.C. TABLE A6 OR A7 -2" X 6" (38mm X 140mm) RAFTERS @ 16" (400mm) O.C. MAX. SPAN 12'-9" (3890mm) -2"X4" (38mm X 89mm) COLLAR TIES AT MIDSPANS EILING JOISTS TO BE²" X 6" (38mmX 140mm) @ 16" (400mm) O.C. UNLESS

24" O.C. MAX. SPAN 17'-0" (5180mm)

-HIP & VALLEY RAFTERS TO BE MIN. 2" (50mm) LARGER THAN COMMON RAFTERS & MIN. 1 1/2" (38mm) THICK. 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/ R40 (RSI 7.0) INSULATION.

35 PRIVATE STAIRS: O.B.C. 9.8.4. -MAX. RISE -MIN. RUN -MIN. TREAD = 9-1/4" (235mm) -MAX. NOSING = 1" (25mm) -MIN. HEADROOM = 6'-5" (1950mm)
-MIN. WIDTH = 2'-10" (860mm)
(BETWEEN WALL FACES) (900mm) ANGLED TREADS: MIN. RUN = 5 7/8" (150mm) MIN. AVG. RUN = 7 7/8" (200mm) FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKET

EXTERIOR CONC. STEPS TO HAVE MIN. 9 1/4" (235mm) TREAD &

OUND. WALL REQUIRED WHEN NUMBER OF RISERS EXCEEDS 2

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

-ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm) -TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3-7" (1 100mm)
-ONE HANDRAIL IS REQUIRED ON CURVED STAIRS OF ANY WIDTH WITHIN DWELLING HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS

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 INE 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

O.B.C. 9.8.4. -MAX. RISE = 7-3/32" (180mm) -MIN. RUN = 11" (280mm) -MIN. IREAD = 11" (280mm) (25mm) -MAX. NOSING - 1 (2001)

-MIN. HEADROOM = 6'-9" (2050mm)

-MIN. WIDTH = 2'-11" (900mm) -MIN, MIDTH = 2'-11" (900mm)

(EXIT STAIRS, BETWEEN GUARDS)

-FINISHED RAILING ON WOOD PICKETS MAX. 4" BETWEEN PICKETS TG. FOR FOUND, WALL TO BE MIN. 4'-0" (1220mm) BELOW GRADE

handrails: O.B.C. 9.8.7 -ONE HANDRAIL REQUIRED WHERE STAIR WIDTH IS LESS THAN 3'-7" (1100mm) TWO HANDRAILS REQUIRED WHERE STAIR WIDTH EXCEEDS 3:⁴7" (1100mm) TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH -HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT WHERE INTERRUPTED BY DOOR WAYS OR NEWEL POSTS AT CHANGES IN DIRECTION

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
LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING

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

ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4" (300mm) -TREADS ARE TO BE WEAR AND SLIP RESISTANT, SMOOTH, EVEN AND FREE FROM DEFECTS
- STAIRS AND RAMPS TO HAVE EITHER A COLOUR CONTRAST OR DISTINCTIVE
PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LANDING AND THE BEGINNING AND END OF A RAMP

NITERIOR 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

EXTERIOR GUARDS: O.B.C. SB-7 & 9.8.8.3. -GUARDS ARE REQUIRED WHEN WALKING SURFACE TO GRADE IS GREATER THAN 23 $5/8^{\circ}$ 6UUMM). GUARDS TO BE 3'-6" (1070mm) -GOARDSTO BLUSS (TOVINITY)
-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 ABBEMACENT GRADE,
-PICKETS TO HAVE 4" (100mm) MAX. SPACING -PROVIDE MID-SPAN POSTS AS PER SB-7.

GUARDS FOR FUGHTS OF STEPS (EXCEPT EXIT STAIRS) TO BE 2'-11" (900mm) HIGH

EXTERIOR GUARDS @ JULIET BALCONY: -PROVIDE PREFIN. METAL RAILING W/ 76mm VERTICAL OPENING TO CONFORM WITH O.B.C. APPENDIX 4-7,8.8.5. -GUARDS TO BE 3"-4" (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. 7.8.8.2. OK FOR DWELLING UNITS GUARDS TO BE 3'-6" WHERE FLOOR TO -FOR DWELLING UNITS GUARUS TO BE 3-6 WHERE FLOOR TO GRADE DIFFERENCE IS 3-11" (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 STUD PROVIDE SAME ANCHOR BOLTS @ 36" O.C. FOR BASE PLATE CONNECTION. -LINEN CLOSET 4 SHELVES MIN. 1'-2" (350mm) DEEP -WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR, O.B.C. - 9.32.1.3.(3)

0 -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 -PRECAST CONC. STEP

39 > -CAPPED DRYER VENT

-2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND SMOKE ALARM, O.B.C.- 9.10.19. -PROVIDE 1 IN EACH BEDROOM -PROVIDE 1 IN EACH HALLWAY SERVICING BEDROOMS -ALARMS TO BE CONNECTED IN CIRCUIT AND INTERCONNECTED SO ALL ALARMS
WILL BE ACTIVATED IF ANY ONE OF THEM SOUNDS.
-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 FUEL BURNING APPLIANCE A CMA SHALL BE PROVIDED

ABBFMACENT TO EACH SLEEPING AREA. CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN ACTIVATED. MAIN DOOR TO BE OPERABLE FROM INSIDE W/OUT KEY PROVIDE A VIEWER WITH A VIEWING ANGLE OF NOT LESS THAN 160 DEG. UNLESS GLAZING IS PROVIDED IN DOOR OR A SIDELIGHT IS PRESENT.

-GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER, WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15. travel from a floor level to an exit or egress door shall be limited to 1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY 2) Where that floor level has a window providing an unobstructed opening of not less than 3-3" (1000mm) in Height and 21 5/8" (550mm) in width; such window shall be located so that the sill is not more than

3'-3" (1000mm) ABOVE FLOOR AND 23'-0" (7.0m) ABOVE ABBEMACENT GROUND EXTERIOR COLUMN W/ MASONRY PIER: -MIN. 6"X6" (140mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/ METAL OP 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.

-3/4" AIR SPACE AROUND POST. REFER TO ELEVATION DRAWINGS FOR HEIGHT OF CAP.

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

COLD CELLARS: FOR COLD CELLARS PROVIDE THE FOLLOWING VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA. -COVER VENT W/ BUG SCREEN WALL MOUNTED UPIN FINDE 1-1+17 FOR DOOR OPENING 2'-8" X 6'-8" EXTERIOR TYPE DOOR (MIN.R-4 RSI 0.7) INSULATE FULL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.11)

STUD WALL REINFORCEMENT: BATHROOM ARE TO BE REINFORCED TO PERMIT THE FUTURE INSTALLATION OF GRAB BARS AS PER O.B.C. 3.8.3.8.(1)(d) & 3.8.3.13.(1)(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 OTHERWISE ROOF LOADING IS BASED ON 1.5kPa SPECIFIED COMPOSITE SNOW AND RAIN -JOISTS TO HAVE MIN. 1-1/2" (38mm) END BEARING -BEAMS TO HAVE MIN. 3-1/2" (89mm) END BEARING -DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE BETWEEN 3'-11" (1200mm) AND 10'-6" (3200mm) -DOUBLE TRIMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2'-7" (800mm)

-DOUBLE JOISTS OR SOLID BLOCKING UNDER NON-LOAD BEARING PARALLEL PARAMETO 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" X8" (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

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 1.8 W/(m2.K) OR 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 FOR GROSS GLAZED AREAS LESS THAN 17% ADDITIONAL COMPLIANCE ALTERNATIVES FOR PACKAGE J. HE MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE GRADE VALLS IS PERMITTED TO BE NO LESS THAN R20 (RSI 3.52) PROVIDED; THAT THE WINDOWS ND SLIDING GLASS DOORS HAVE A MAXIMUM U-VALUE OF 1.6, OR THE THERMAL

INSULATION VALUE IN BASEMENT WALLS HAS A MINIMUM R20 (RSI 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 THAT: 1) THE THERMAL INSULATION VALUE IN A CEILING WITH AN ATTIC SPACE IS NOT LESS

b) THE MINIMUM EFFICIENCY OF THE HRV IS INCREASED BY NOT LESS THAN 8 C) THE MINIMUM **AFUE** OF THE SPACE HEATING EQUIPMENT IS INCREASED BY NOT LESS d) THE MINIMUM *EF* OF THE DOMESTIC HOT WATER HEATER IS INCREASED BY NOT LESS

CLIENT SPECIFIC REVISIONS

REFER TO PLANS FOR TRUSS DIRECTION FOR ROOF SLOPE <u>IOP OF PLATE</u> REFER TO FLOOR PLAN DIRECTION OF JOISTS FIN. GRADE REFER TO FLOOR PLANS FOR STAIR CONFIGURATION

TYPICAL CROSS SECTION - 2 STOREY (BRICK)

> 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

WOOD BEAMS <u>LINTELS</u> <u>DOORS</u> CARBON MONOXIDE SMOKE ALARM 44 ALARM (CMA) $\langle 45 \rangle$ WD1 3/2" X 8" SPR L1 2/ 2" X 8" SPR A 865x2030x45 (2'10"x6'8"x1-3/4" EXT. LIGHT FIXTURE WATERPROOF WD2 4/2" X 8" SPR L3 2/ 2" X 10" SPR B 815x2030x35 (2'8"x6'8"x1-3/8") DUPLEX OUTLET (WALL MOUNTED) WD3 5/2" X 8" SPR L5 2/ 2" X 12" SPR C 760x2030x35 (2'6"x6'8"x1-3/8") VENTS AND INTAKES HYDRO METER WD4 3/2" X 10" SPR L7 3-1/2" X 3-1/2" X 1/4" L D 710x2030x35 (2'4"x6'8"x1-3/8") HOSE BIB GAS METER WD5 4/2" X 10" SPR L9 4" X 3-1/2" X 1/4" L E 460x2030x35 (1'6"x6'8"x1-3/8") (38) EXHAUST FAN FLOOR DRAIN WD6 5/2" X 10" SPR L10 4-7/8" X 3-1/2" X 5/16" L F 610x2030x35 (2'0"x6'8"x1-3/8") G OVER SIZED EXTERIOR DOOR WD7 3/2" X 12" SPR L11 4-7/8" X 3-1/2" X 3/8" L SOLID BEARING (TO BE SAME WIDTH AS SUPPORTED MEMBER) COLD CELLAR VENT $\langle 50 \rangle$ L12 4-7/8" X 3-1/2" X 1/2" L WD8 4/2" X 12" SPR STOVE VENT STEEL BEAMS WD9 5/ 2" X 12" SPR L13 5-7/8" X 3-1/2" X 3/8" L FIRE PLACE VENT FLAT ARCH L14 5-7/8" X 3-1/2" X 1/2" L ST1 W 6 X 15 WD10 2/1 3/4" X7 1/4" (2.0E) LVL DRYER VENT 2 STORY WALL L15 5-7/8" X 4" X 1/2" L WD11 3/1 3/4" X7 1/4" (2.0E) LVL ST2 W 6 X 20 D.J. DOUBLE JOIST U/S UNDER SIDE WD12 2/1 3/4" X9 1/2" (2.0E) LVL L16 7-1/8" X 4" X 3/8" L ST3 W 8 X 18 P.T. PRESSURE TREATED **FG** FIXED GLAZING L17 7-1/8" X 4" X 1/2" L ST4 W 8 X 21 WD13 3/1 3/4" X9 1/2" (2.0E) LVL LUMBER G.T. GIRDER TRUSS GLASS BLOCK WD14 2/1 3/4" X11 7/8" (2.0E) LVL ST5 W 8 X 24 A.F.F. ABOVE FINISHED FLOOR **BG** BLACK GLASS WD15 3/1 3/4" X11 7/8" (2.0E) LVL

| Areas: | | | cl |
|-----------------------|--|-------|----|
| | ELEVATI | | |
| | SF | SM | pı |
| BASEMENT FLOOR PLAN | 103.0 | 9.6 | |
| GROUND FLOOR PLAN | 1758.1 | 163.3 | m |
| GROUND FLOOR PLAN OTB | (13.5) | (1.3) | |
| SECOND FLOOR PLAN | 1991.3 | 185.0 | pı |
| SECOND FLOOR PLAN OTB | (11.9) | (1.1) | sc |
| TOTAL AREA | 3827.0 | 355.5 | p |
| COVERAGE INC PORCH | 20.9 | 1.9 | |
| | <u>, </u> | | |



I. NATALIE PANDOLFI DECLARE THAT I HAVE REVIEWED AND TAKEN DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON REHALE OF RN DESIGN LTD LINDER DIVISION C PART-3 SUBSECTION-3.2.4 OF THE BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASSES QUALIFIED DESIGNER BCIN: FIRM BCIN: JUNE 22, 2015

SIGNATURE

Drawing List:

AO TITLE SHEET A1 BASEMENT FLOOR PLAN ELEV. 'B' GROUND FLOOR PLAN ELEV. 'B' A2 SECOND FLOOR PLAN ELEV. 'B' A3 FRONT ELEVATION 'B'

FLANKAGE ELEVATION 'B

LEFT SIDE ELEVATION 'B'

REAR ELEVATION 'B'

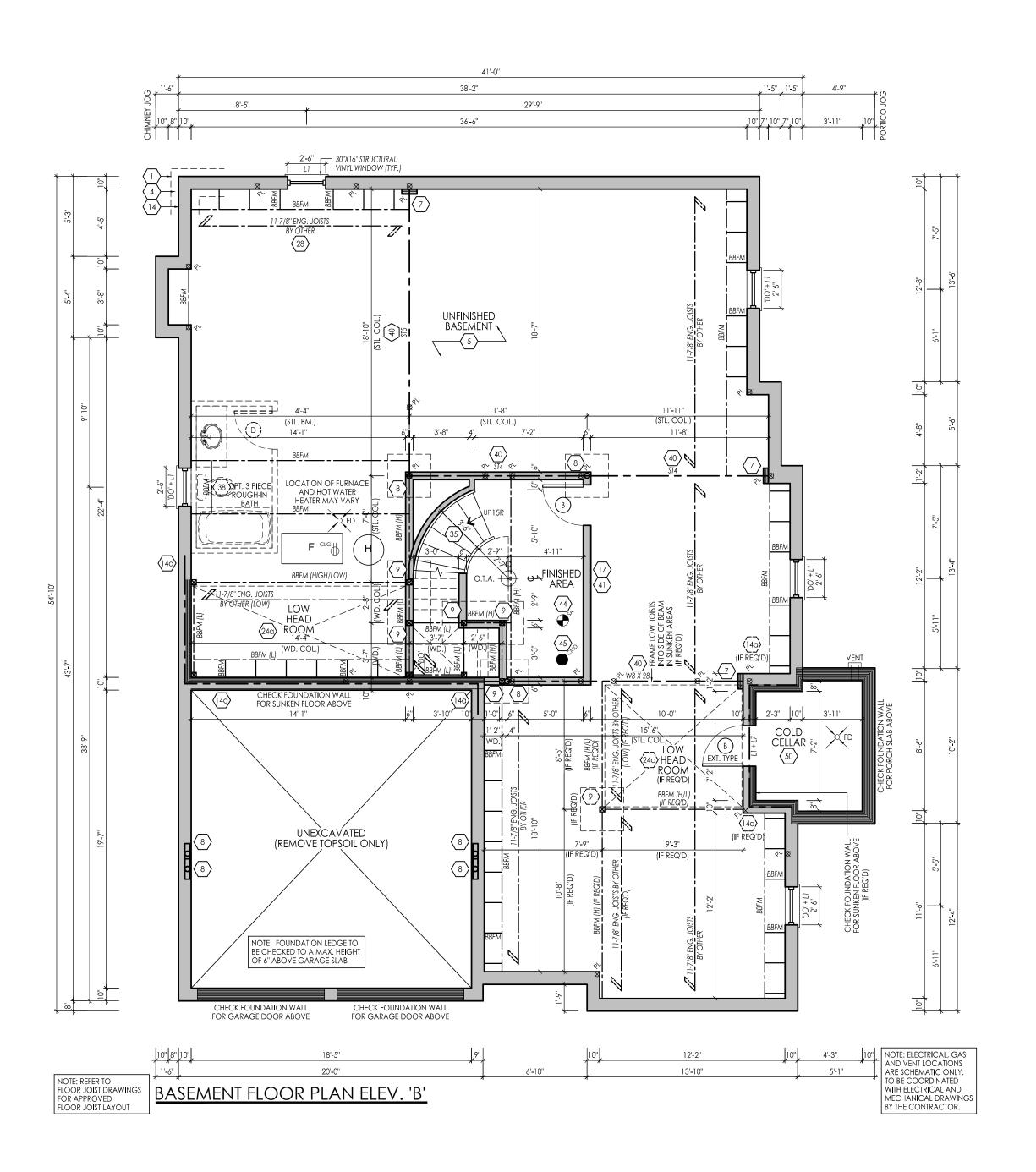
date dwn chk 18-Aug-14 kk ro ISSUED FOR CLIENT REVIEW 22-Jun-15 jr RELOCATED FURNACE LOCATION 28-Jul-15 np

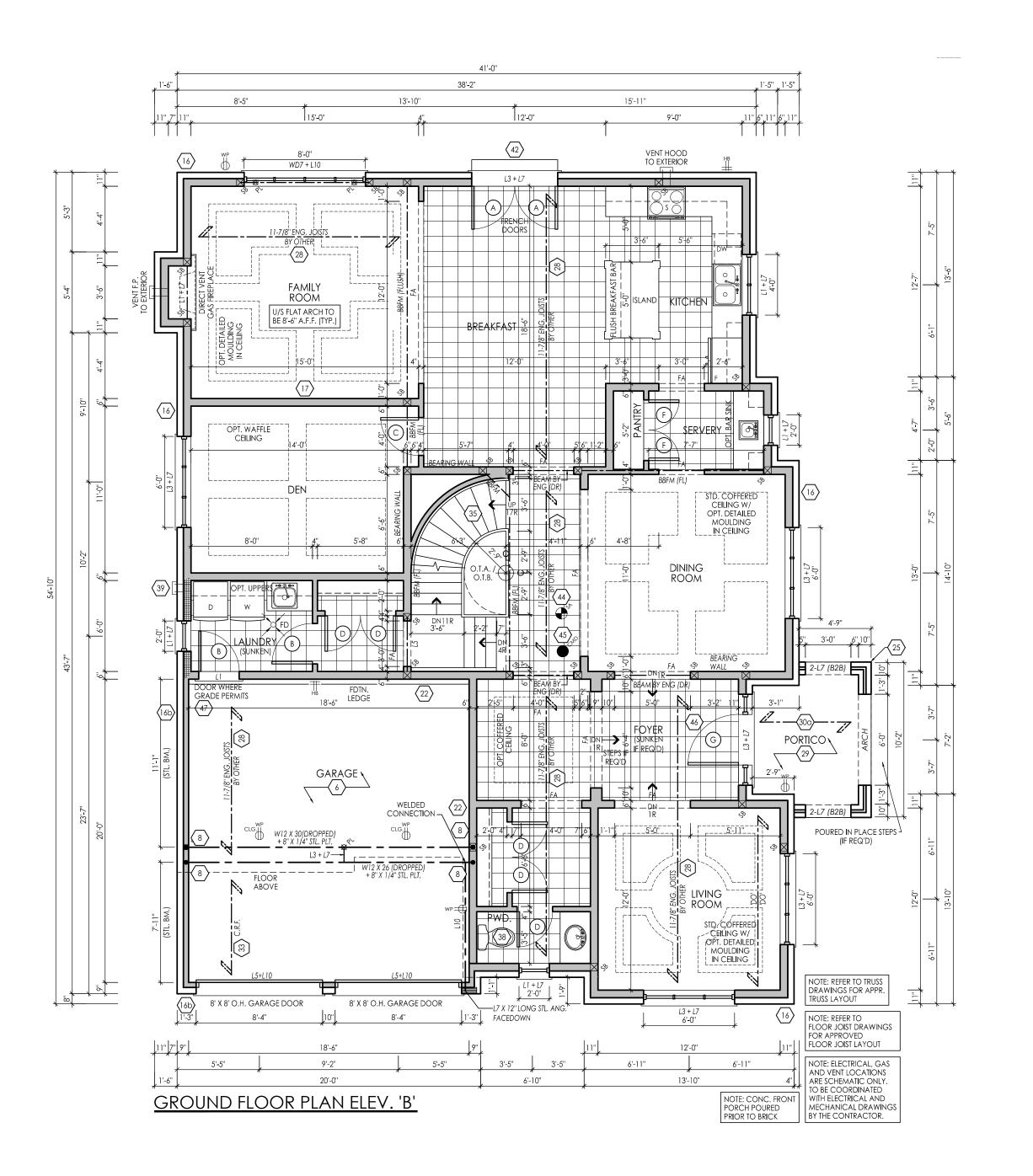
Highcastle Homes

Riverwalk Phase 2 Brampton

50-05 14021

3/16" = 1'-0"





RN design

| Imagine | Inspire | Create



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QUALIFIED DESIGNER BCIN: 41549 FIRM BCIN: 26995 DATE: JUNE 22, 2015

SIGNATUR

| # | revisions | date | dwn | chk |
|----|-----------------------------------|------------|-----|-----|
| 1 | ISSUED FOR CLIENT REVIEW | 19-Sep-14 | kk | rem |
| 2 | REVISED AS PER TRUSS COORDINATION | 09/02/2015 | jr | jr |
| 3 | REVISED AS PER FLOOR COORDINATION | 16-Mar-15 | jr | jr |
| 4 | REVISED AS PER NEW STANDARD | 23-Apr-15 | pv | jr |
| 5 | REVISED AS PER ENG. COMMENTS | 15-Jun-15 | jr | np |
| 6 | ISSUED FOR FINAL | 22-Jun-15 | jr | NP |
| 7 | RELOCATED FURNACE LOCATION | 28-Jul-15 | np | np |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |

Highcastle Homes

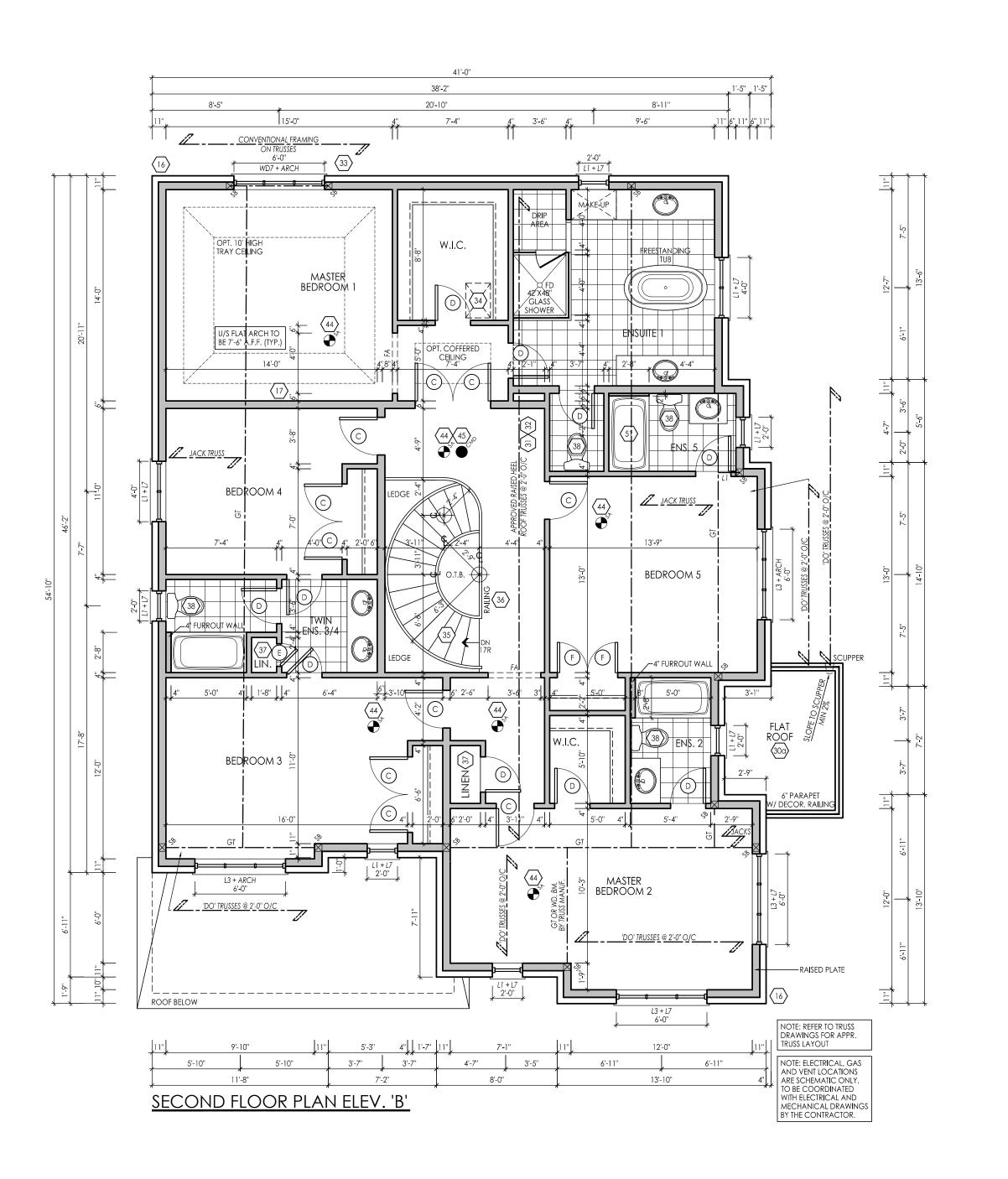
Riverwalk Phase 2 Brampton

50-05

project # 14021

A1

3/16" = 1'-0"



RN design

| Imagine | Inspire | Create



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QUALIFIED DESIGNER BCIN: 41549
FIRM BCIN: 26995
DATE: JULY 22, 2015

SIGNATUI

| # | revisions | date | dwn | chk |
|----|-----------------------------------|------------|-----|-----|
| 1 | ISSUED FOR CLIENT REVIEW | 19-Sep-14 | kk | rem |
| 2 | REVISED AS PER TRUSS COORDINATION | 09/02/2015 | jr | jr |
| 4 | REVISED AS PER NEW STANDARD | 23-Apr-15 | pv | jr |
| 5 | REVISED AS PER ENG. COMMENTS | 15-Jun-15 | jr | np |
| 6 | issued for final | 22-Jun-15 | jr | NP |
| 6 | ADDED BEDROOM 4 WINDOW | 21-Jul-15 | np | np |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |

Highcastle Homes

project Riverwalk

Riverwalk Phase 2
Brampton

50-05

project # 14021

3/16" = 1'-0"

A2

GROSS GLAZING AREA TOTAL PERIPHERAL WALL AREA 4276.77 SF 397.31 m² FRONT GLAZING AREA 130.5sF NOTE: ALL CONVENTIONAL ROOF FRAMING TO CONFORM TO PART 9 OF THE OBC. ROOF LEFT SIDE GLAZING AREA 57.64 sF RIGHT SIDE GLAZING AREA 248.94 sF RAFTERS THAT MEET OR CROSS OVER TRUSSES ARE TO BE 2"X4" SPF @ 24" O.C. WITH A 2"X4" REAR GLAZING AREA 95.22 SF SPF VERTICAL POST TO THE TRUSS UNDER, AT EACH CROSS POINT. POSTS LONGER THAN 6' TO BE LATERALLY BRACED SO THAT THE DISTANCE TOTAL GLAZING AREA 532.30 SF BETWEEN END POINTS & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'. TOTAL GLAZING PERCENTAGE 12.45 % NOTE: REFER TO STREETTRUSS DRAWINGS FOR APPROVED TRUSS LAYOUT NOTE: REFER TO STREETSCAPES FOR POSSIBLE MINOR CHANGES DUE TO GRADING CONDITIONS — DECOR. ROOF SPIRE (TYP.) W/ METAL CAP ROOF PLAN 'A' MID-POINT OF ROOF — PRE-FINISHED ALUMINUM R.W.L. AND GUTTER ON PRE-FINISHED FASCIA BOARD AND VENTED SOFFIT (TYP.) TEXTURED ROOF SHINGLES (TYP.)-W/ 25 YEAR MINIMUM W/ FLASHING AT VALLEYS 6"+6" PROFILED PRECAST HEADER (TYP.) 12"X24" PRECAST CONC. DETAIL (TYP.) W/ CENTER KEYSTONE W/ 6"+6" PROFILED PRECAST RETURNS 6"+6" SELF SUPP. PROFILED PRECAST ARCH (TYP.)— W/ CENTER KEYSTONE W/ 6"+6" PROFILED PRECAST RETURNS METAL FLASHING BEHIND W/ 6"+6" PROFILED PRECAST RETURNS W/ 6"+3" PROFILED PRECAST RETURN W/ 4"+4" PRECAST SILL U/S OF SOFFIT W/ 9"X3" PRECAST IMPOSTS W/ 6"+3" PROFILED PRECAST SURROUND <u>U/S</u> <u>O</u>F <u>SOFFIT</u> _ _____ W/ 4"+4" PRECAST SILL 72"X18" EXT. SEGM. ARCH TRANSOM (TYP.)— TOP OF PLATE TOP OF TRANSOM TOP OF PLATE DECOR. PRECAST BRACKET DTL. (TYP.) TOP OF TRANSOM TOP OF TRANSOM TOP OF WINDOW _ TOP OF WINDOW BRICK SOLDIER COURSE HEADER — - 4"+4" PRECAST CONC. BAND (TYP.) – 22" HIGH DECOR. WROUGHT IRON RAILING (TYP.) W/ FLAT ROOF ASSEMBLY - FACE BRICK (TYP.) PRECAST CONC. SILL (TYP.) — FACE BRICK (TYP.) W/ 4"+4" HIGH BUILT-UP PRECAST DETAIL TOP OF BAND TOP OF BAND - -PAINTED MTL. FLASHING (TYP. W/ CAULKING TO MATCH METAL FLASHING BEHIND -TOP OF PARAPET FIN. SECOND FLOOR -FIN. SECOND FLOOR U/S OF GARAGE SOFFIT U/S OF GARAGE SOFFIT TOP OF TRANSOM_ TOP OF TRANSOM U/S OF PORTICO F.A. 8"+4" PROFILED PRECAST HEADER— (TYP.)W/ CENTER KEYSTONE TOP OF WINDOW TOP OF WINDOW SHINGLED CAP TOP OF BAND _ _ FIREPLACE STONE VENEER (TYP.)— FIN. GROUND FLOOR _ _ _ _ _ _ _ _ _ _ _ _ _ FIN. GROUND FLOOR FIN. GROUND FLOOR FIN. GROUND FLOOR FIN. GRADE FIN. GRADE FIN. GRADE FIN. GRADE 30X16 STRUCTURAL WINDOW (TYP.) 8' X 8' O.H. GARAGE DOOR 8' X 8' O.H. GARAGE DOOR POURED CONC. PORCH SLAB (TYP.) STONE VENEER (TYP.) 8'-1" RETURN W/ MTL. FLASHING BEHIND PRECAST CONC. STEP (TYP.) — U/S OF FOOTING U/S OF FOOTING ------______ ALLOWABLE UNPROTECTED OPENINGS STEPPED FOOTING (TYP.) STEPPED FOOTING (TYP.) 10" POURED CONC. FDIN WALLS (TYP.) ON 22"X6" CONC. STRIP FOOTING TOTAL WALL AREA LIMITING DISTANCE 4.0 FT ALLOWABLE OPENINGS 72.64 SF

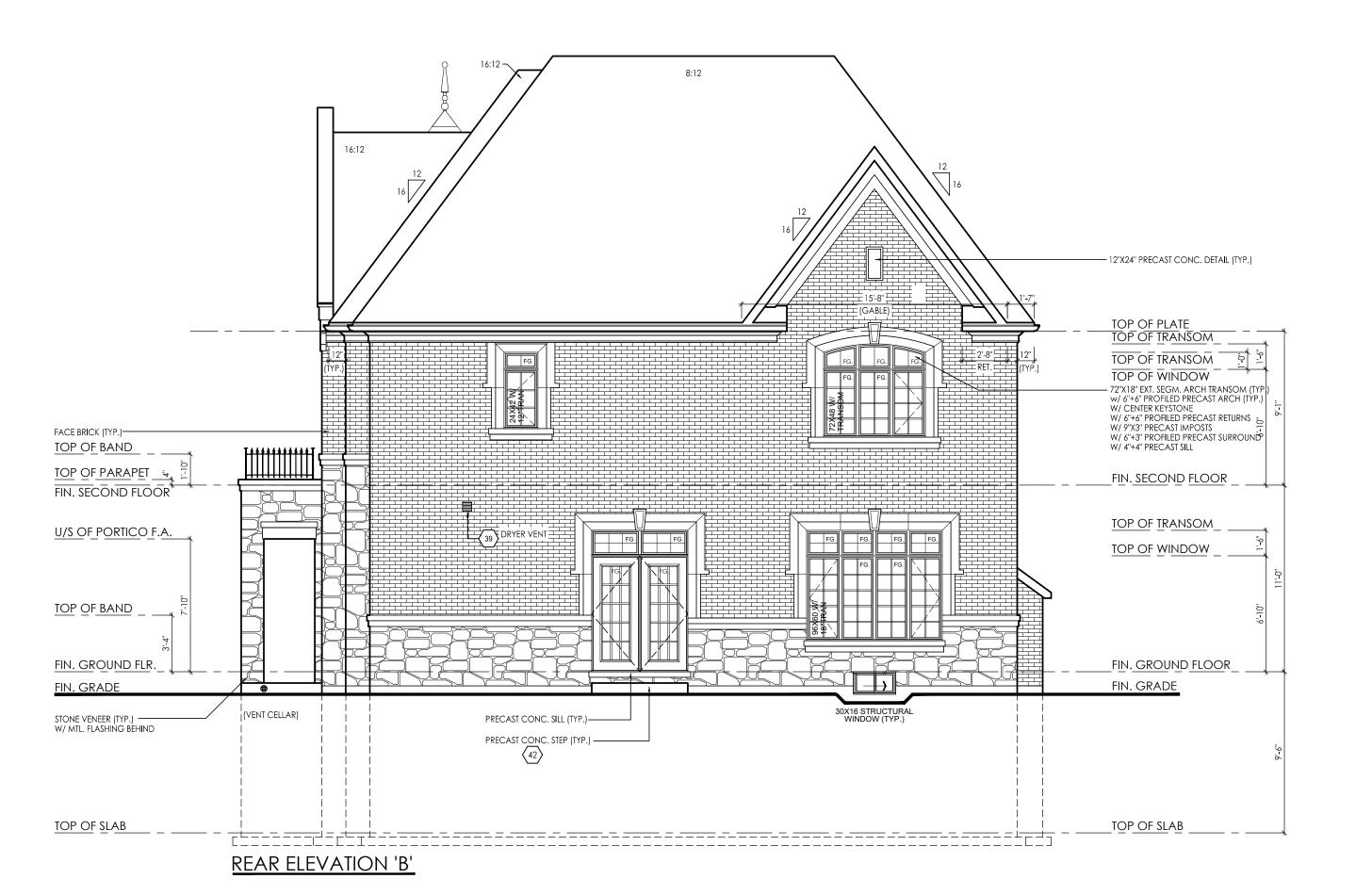
TOP OF SLAB _ _____

TOP OF SLAB



TOP OF SLAB

FRONT ELEVATION 'B'



LEFT SIDE ELEVATION 'B'



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SIGNATURE:

12.12 m²

5.35 m²

23.13 m²

8.85 m²

49.45 m²

TOP OF SLAB _ _ ____

ISSUED FOR CLIENT REVIEW Highcastle Homes Riverwalk Phase Brampton 50-05

14021

3/16" = 1'-0"