

RONT ELEVATION 'A'

FRONT ELEVATION 'B'

### OBC 2012

# **DRAWING LIST:**

# 37-3 (TANNERY)

TITLE SHEET

BASEMENT FLOOR ELEV. 'A' & 'B'
GROUND FLOOR ELEV. 'A'
SECOND FLOOR ELEV. 'A'
BASEMENT FLOOR ELEV. 'B'
GROUND FLOOR ELEV. 'B'
SECOND FLOOR ELEV. 'B'
SECOND FLOOR ELEV. 'B'
RECOND FLOOR ELEV. 'B'
REANT SIDE ELEVATION 'A'
REAR ELEVATION 'A'
REAR ELEVATION 'B'
REAR ELEVATION 'B'
REAR ELEVATION 'B'
CONSTRUCTION SHEET
CONSTRUCTION SHEET
CONSTRUCTION SHEET
TYPCIAL SECTION

GROSS GLAZING /
TOTAL PERIPHERAL WALL AREA
FRONT GLAZING AREA
LEFT SIDE GLAZING AREA
RIGHT SIDE GLAZING AREA
REAR GLAZING AREA TOTAL GLAZING AREA
TOTAL GLAZING PERCENTAGE AREA'A'
2734.74 sr
70.40 sr
16.53 sr
44.69 sr
109.58 sr 241.20sF 8.82 % 254.06 m² 6.54 m² 1.54 m² 4.15 m² 10.18 m²

# **GROSS GLAZING**

TOTAL PERIPHERAL WALL AF FRONT GLAZING AREA LEFT SIDE GLAZING AREA RIGHT SIDE GLAZING AREA REAR GLAZING AREA WALL AREA AREA 'B'
2734.74\$F
71.00\$F
16.53\$F
42.86\$F
109.58\$F 254.06 m² 6.60 m² 1.54 m² 3.98 m² 10.18 m² 22.29 m²

TOTAL GLAZING AREA
TOTAL GLAZING PERCENTAGE

ARINGTON, **ONTARIO** 



8395 JANE STREET

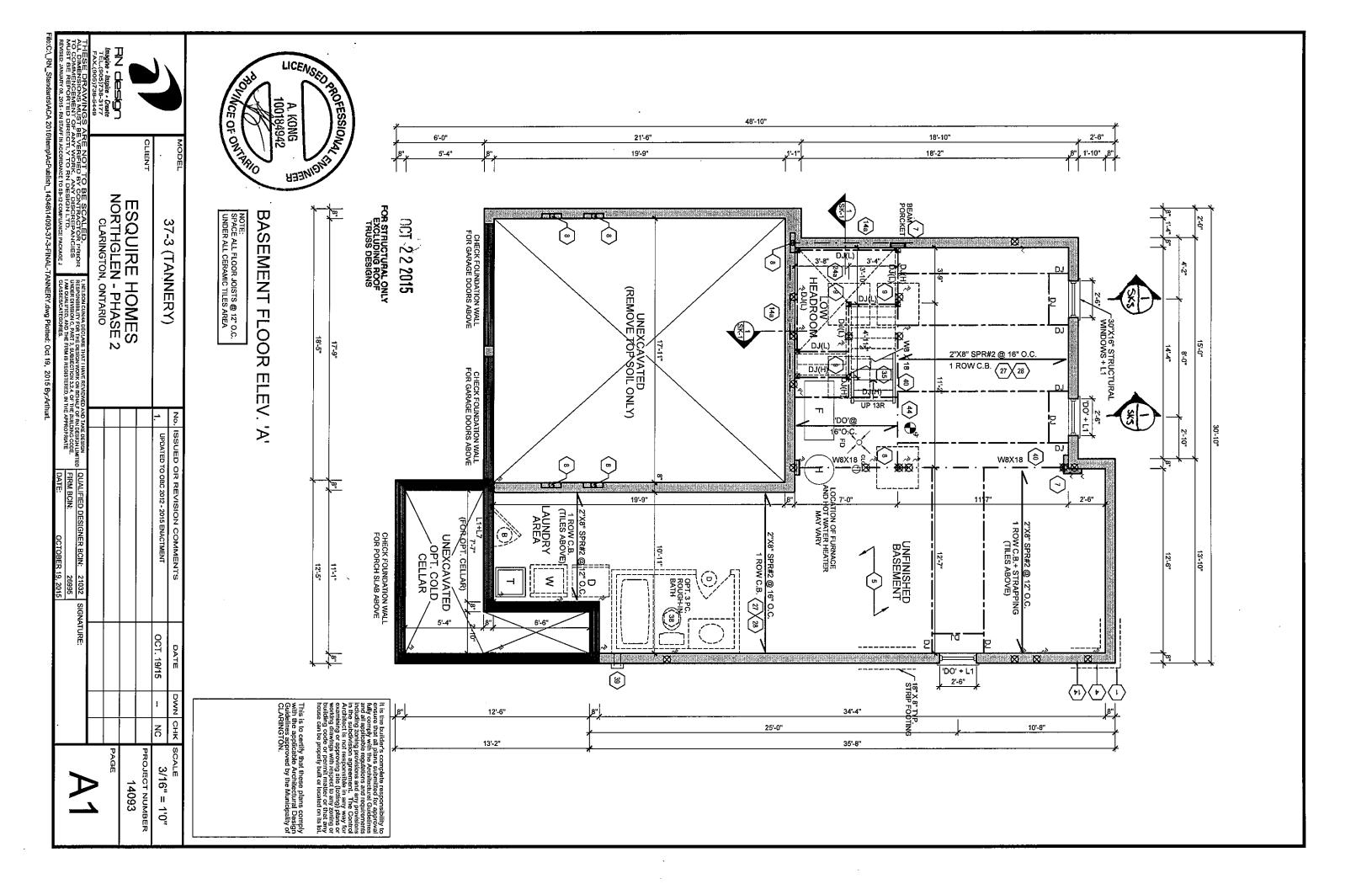
SUITE 203 VAUGHAN, ON TEL: 905-738-3177

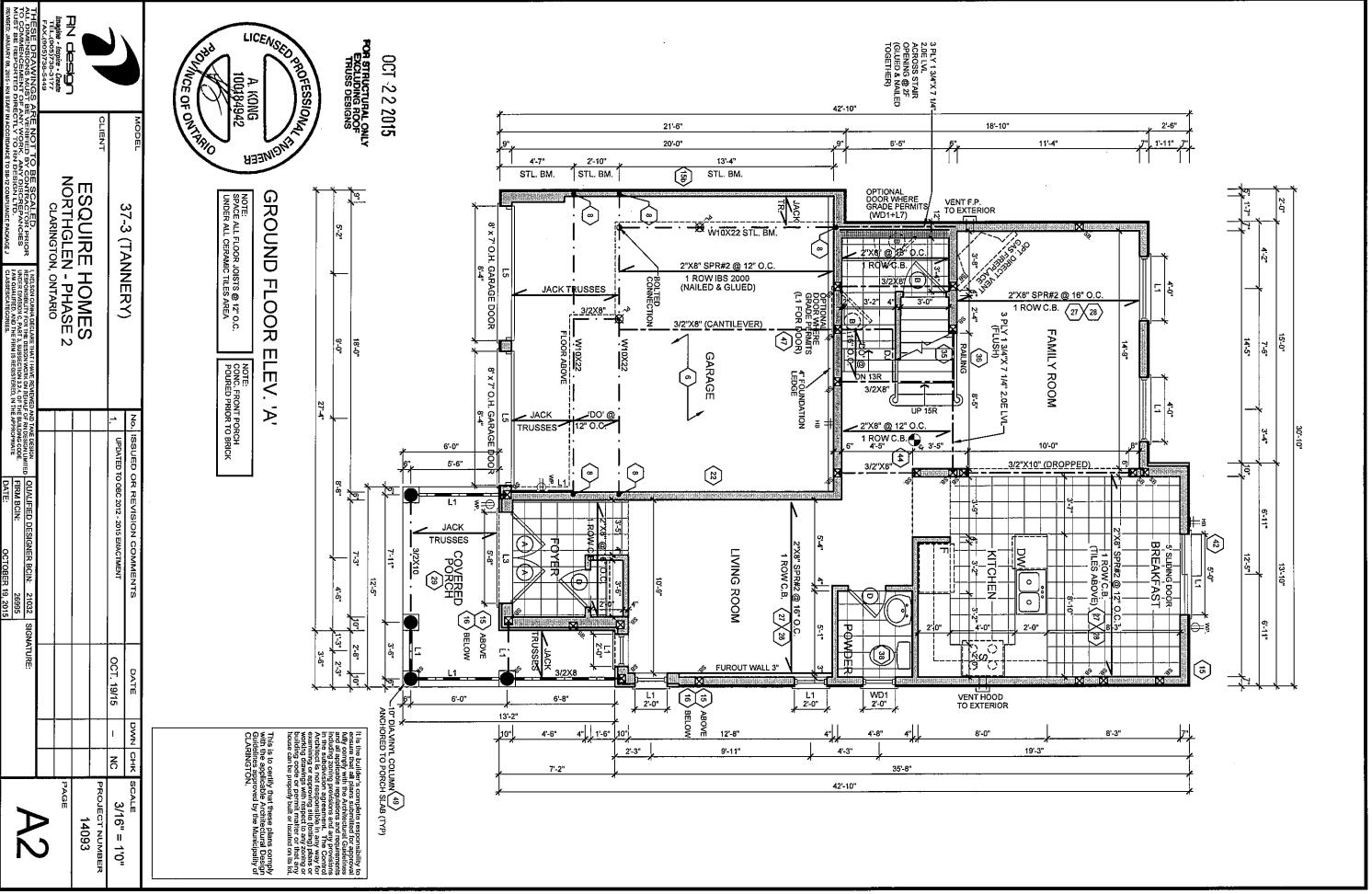
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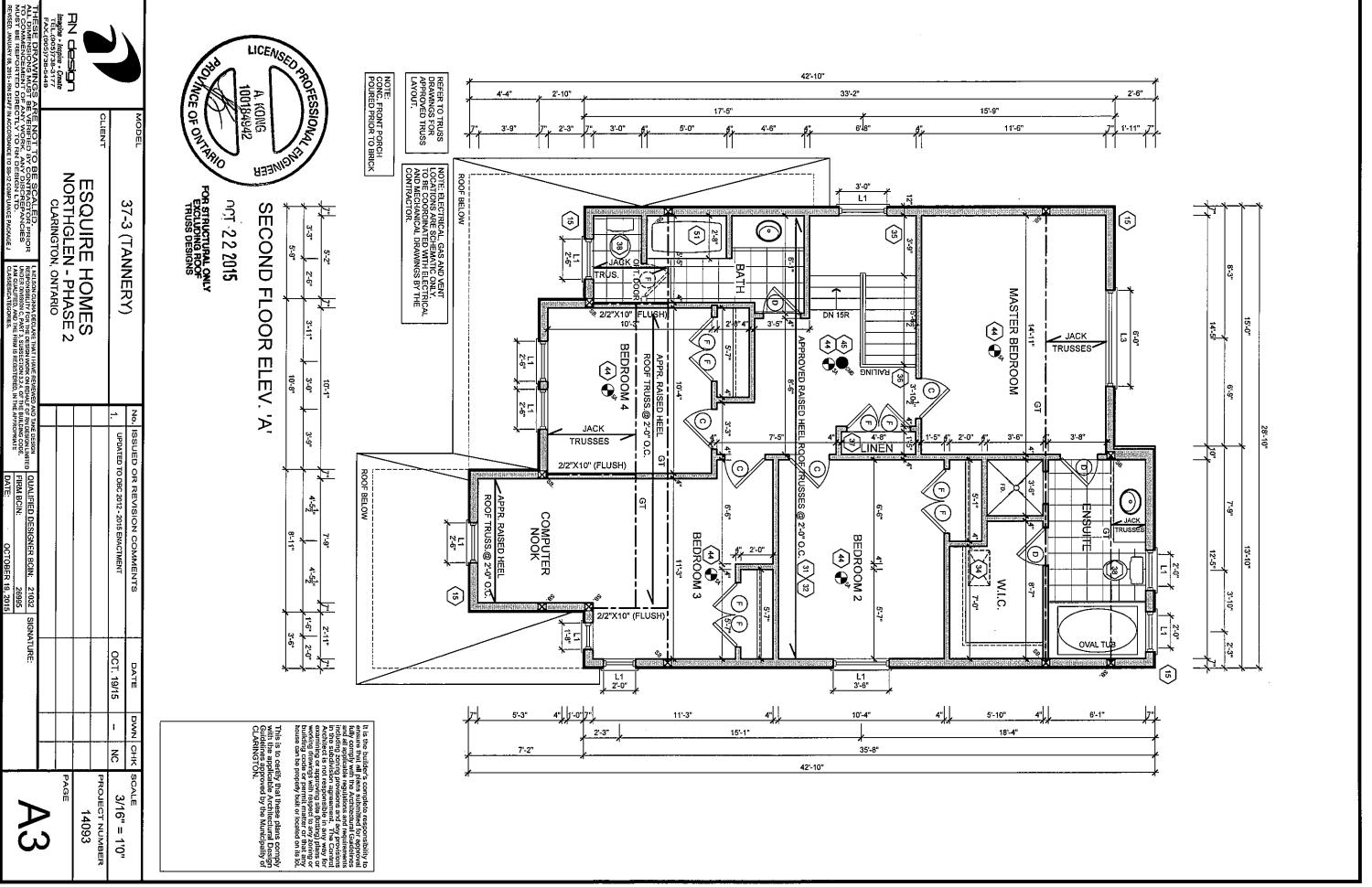
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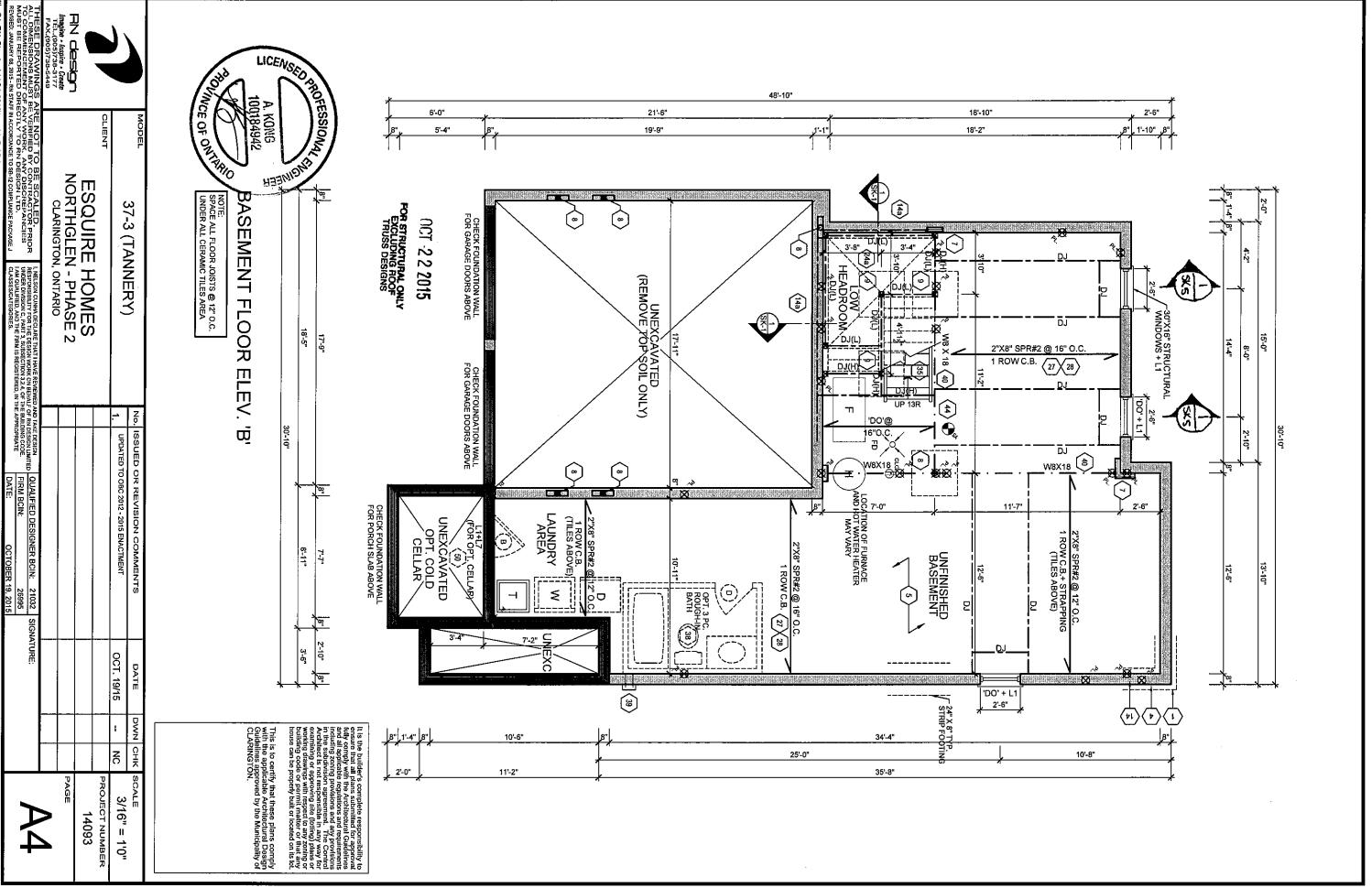
CONTACT PERSON: NELSON CUNHA

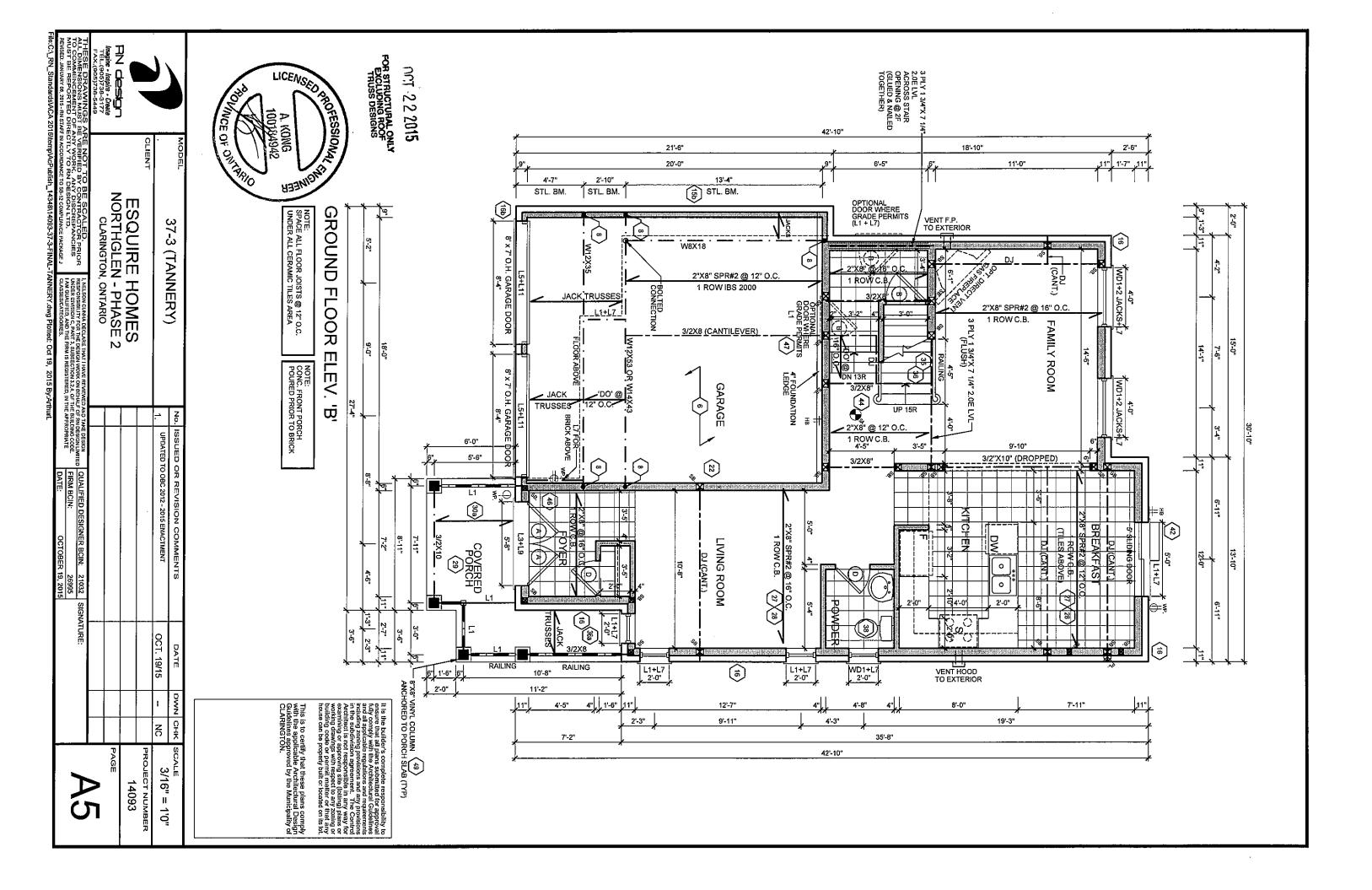
			DATE: OCTORER 19 2015			ΕS	CLASSES/CATEGORIES.	REVISED: JANUARY 08, 2015 - RN STAFF IN ACCORDANCE TO SB-12 COMPLIANCE PACKAGE J	REVI
			FIRM BCIN: 26995	UNDER DIVISION C, PART 3, SUBSECTION 3.2.4. OF THE BUILDING CODE.	BSECTION 3.	PART 3, SU		TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD.	Ž 0
		SIGNATURE:	QUALIFIED DESIGNER BCIN: 21032 SIGNATURE:	I, NELSON CUNHA DECLARE THAT I HAVE REVIEWED AND TAXE DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LIMITED	IGN WORK O	ECLARE THE		THESE DRAWINGS ARE NOT TO BE SCALED.	ΡŢ
-									
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PROJECT No.							-		
AS NOTED					NC	!	OCT. 19/15	1. UPDATED TO OBC 2012 - 2015 ENACTMENT	
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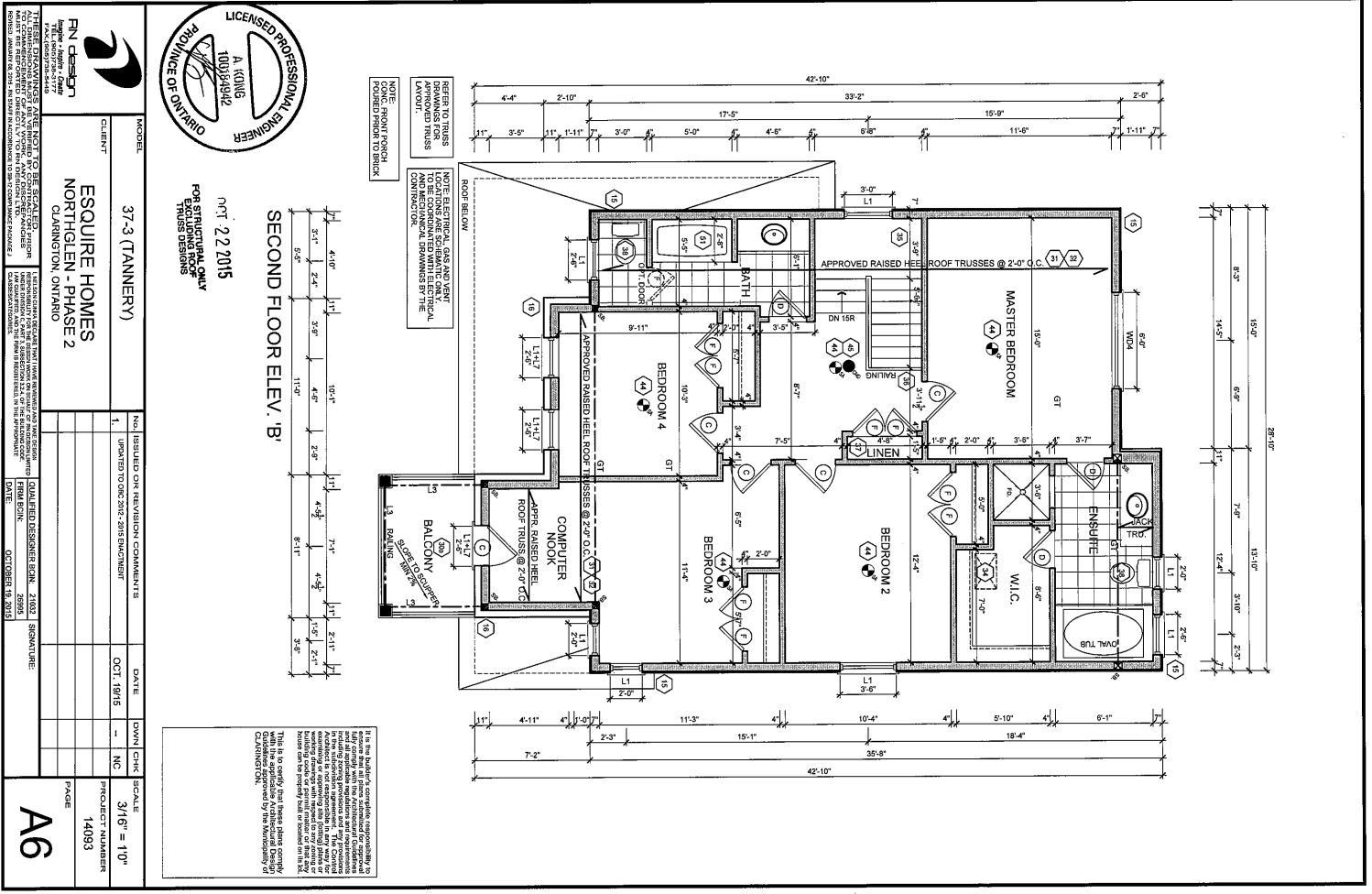


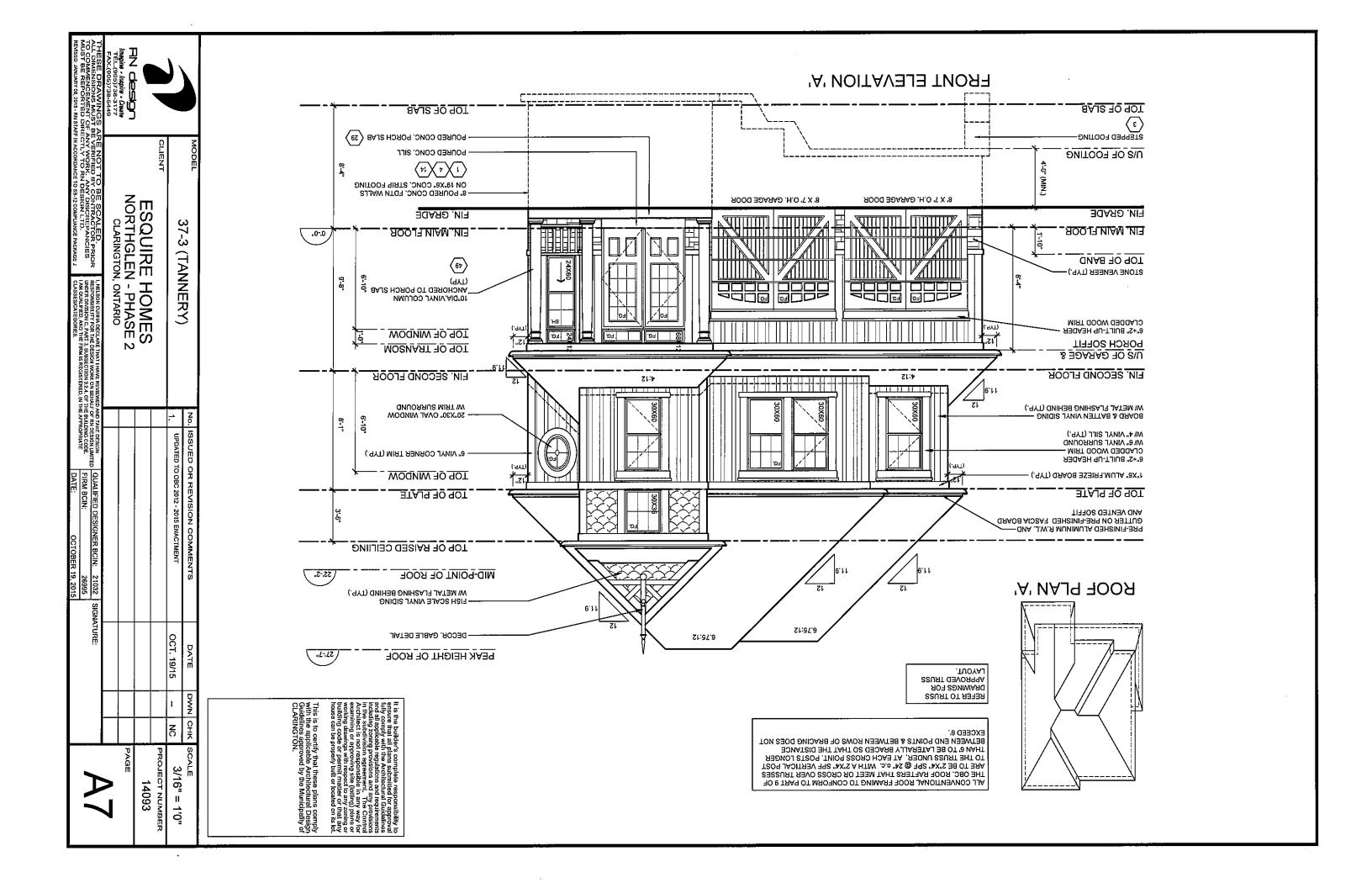


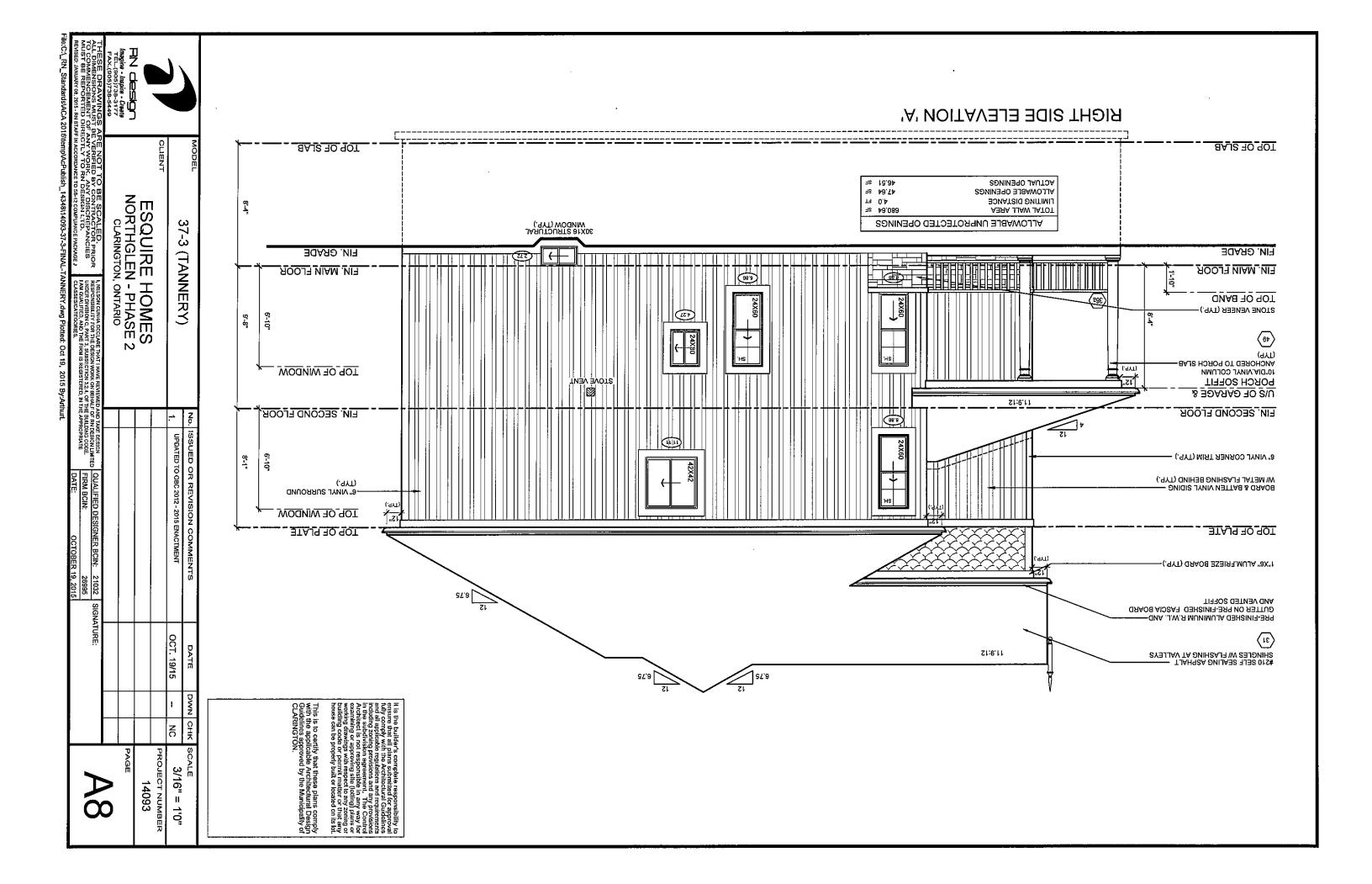


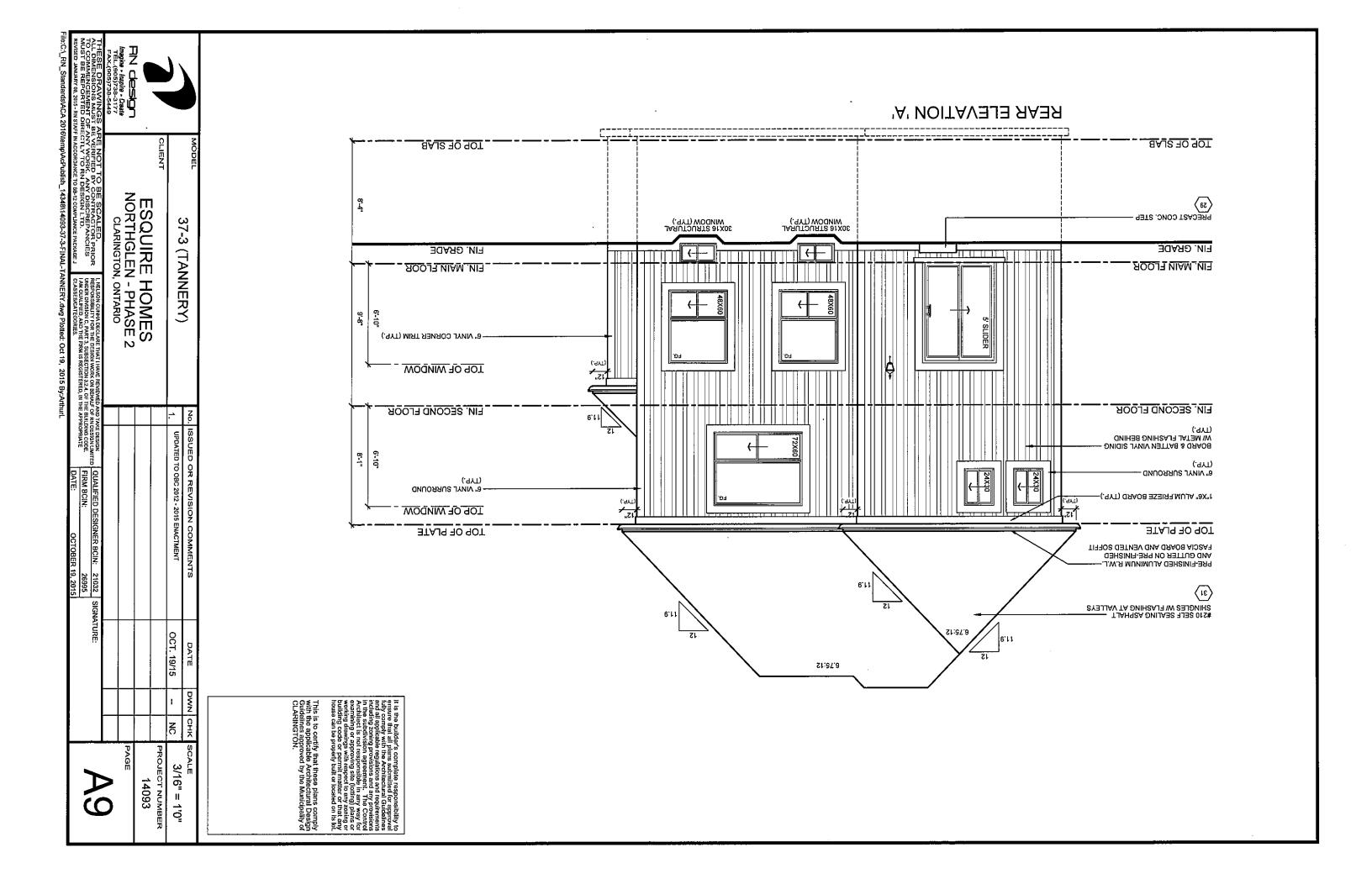


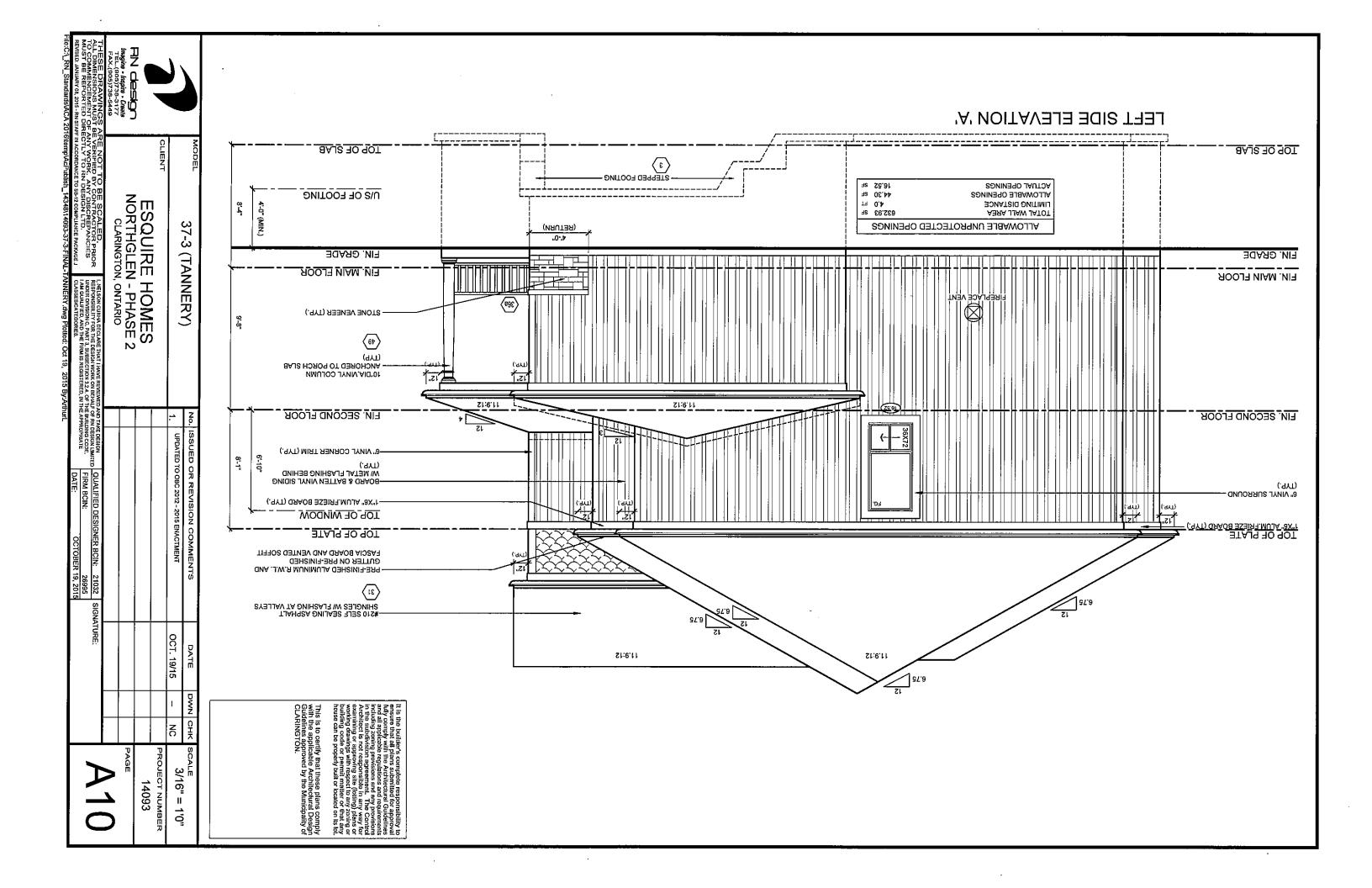


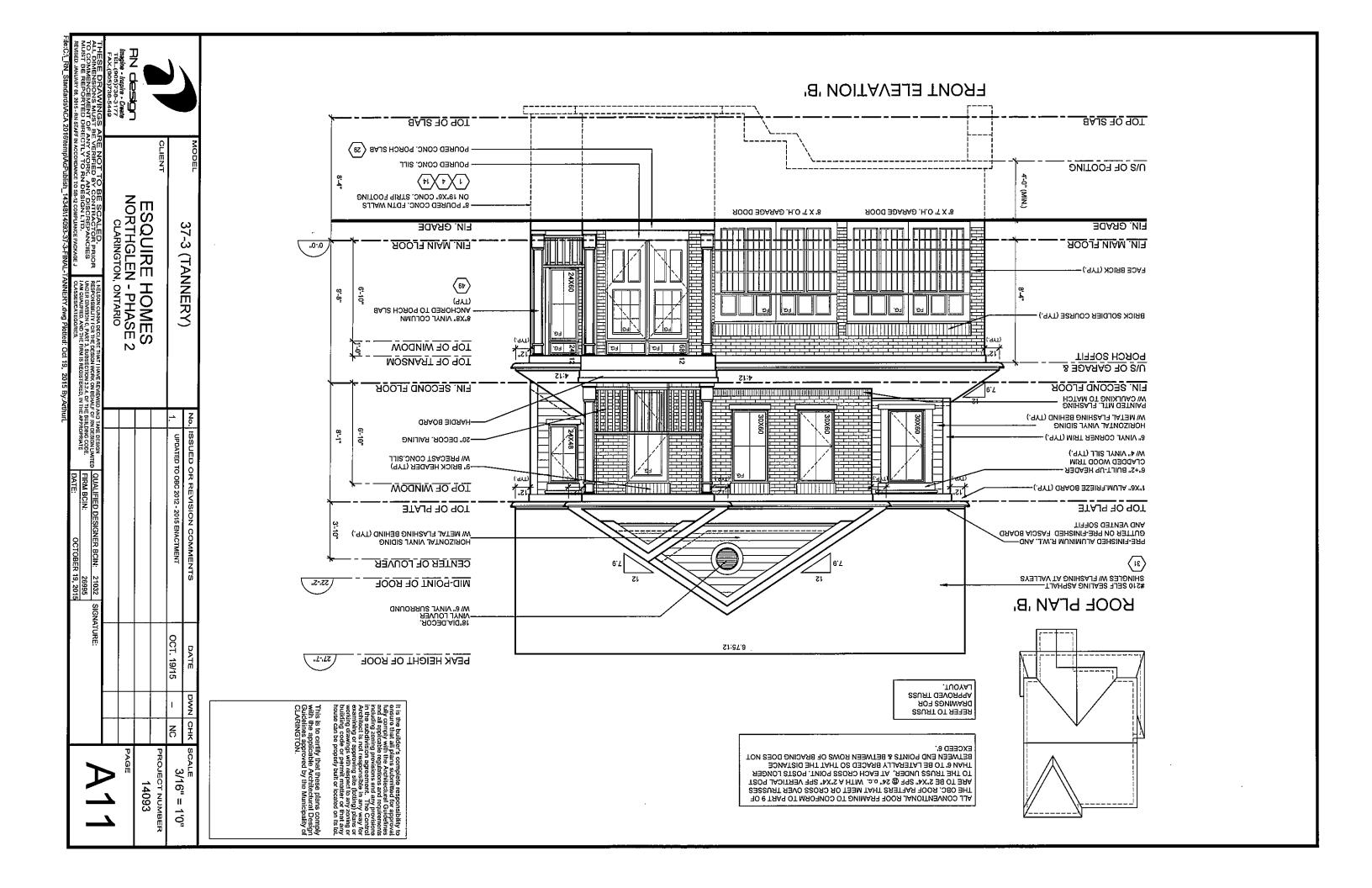


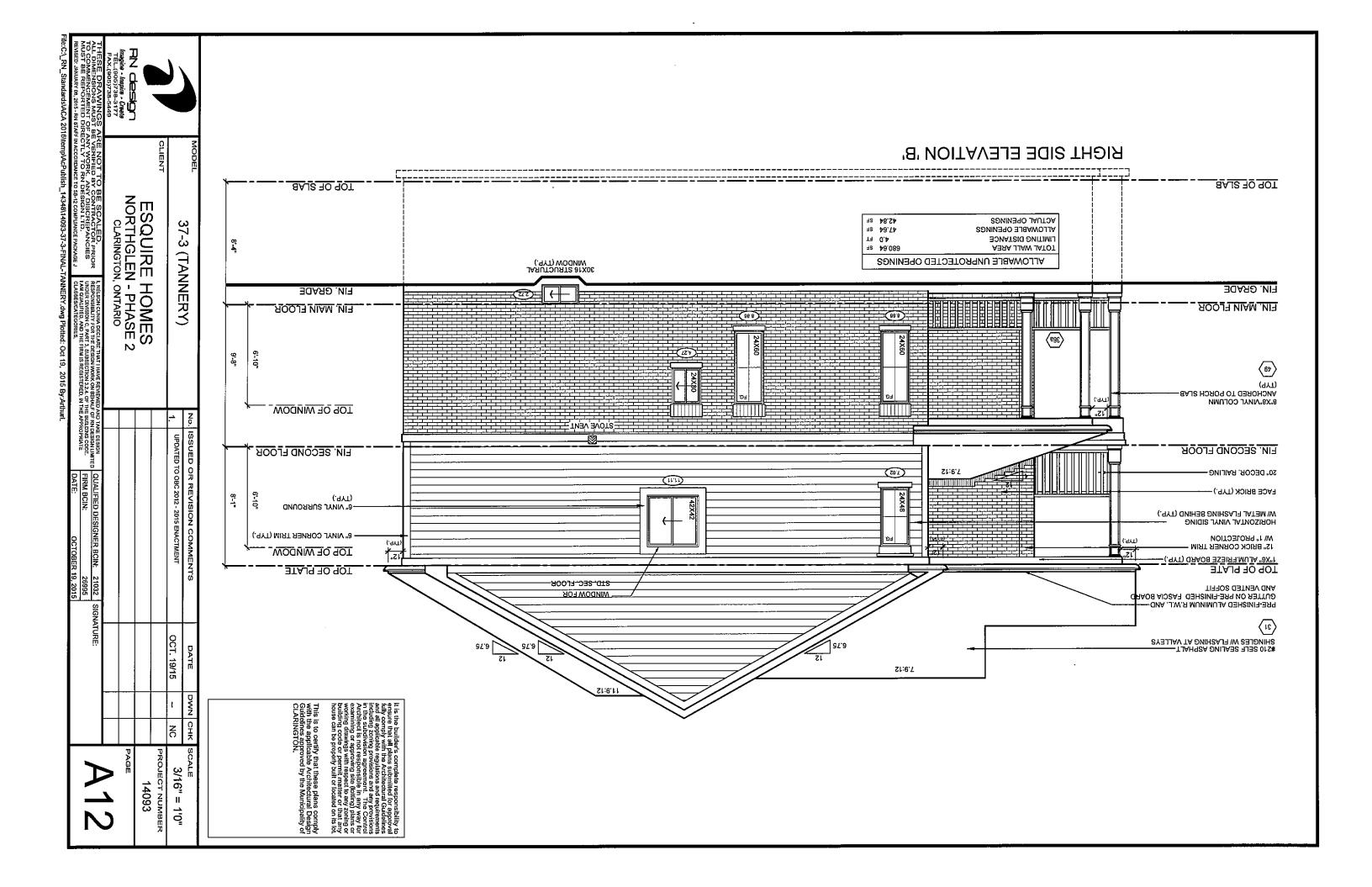












REAR ELEVATION'B' <u> aals ho got</u> BAJS 30 90T ESQUIRE HOMES NORTHGLEN - PHASE 2 CLARINGTON, ONTARIO 37-3 (TANNERY) (29) PRECAST CONC. STEP -30X16 STRUCTURAL WINDOW (TYP.) 30X16 STRUCTURAL WINDOW (TYP.) FIN. GRADE FIN. GRADE FIN. MAIN FLOOR FIN. MAIN FLOOR FACE BRICK (TYP.)-9-8 TOP OF WINDOW выск зогојев неррев (ТУР.) FIN. SECOND FLOOR LIN' SECOND LEOOR HORIZONTAL VINYL SIDING WI METAL FLASHING BEHIND (TYP.) <u>8</u> 6" VINYL SURROUND – (TYP.) (.9YT) TOP OF WINDOW 15. TOP OF PLATE
1"X6" ALUM.FRIEZE BOARD (TYP.) TOP OF PLATE PRE-FINISHED ALUMINUM R.W.L. AND GUTTER ON PRE-FINISHED FASCIA BORRD AND VENTED SOFFIT (31) 15 #\$10 SELF SEALING ASPHALT
#\$10 SELF SEALING ASPHALT \$1:67.8 S1:67.8 3/16" = 1'0"

LEFT SIDE ELEVATION 'B' TOP OF SLAB BAJS 10 90T ESQUIRE HOMES NORTHGLEN - PHASE 2 CLARINGTON, ONTARIO - DNITOO 3 GERPED FOOTING ALLOWABLE OPENINGS
ACTUAL OPENINGS 18. SP. SF 98 31.64 37-3 U/S OF FOOTING LIMITING DISTANCE π 0.₽ TOTAL WALL AREA ROZ.Z1 SF ALLOWABLE UNPROTECTED OPENINGS (TANNERY) (ВЕТОВИ) .0~iÞ FIN. GRADE FIN. GRADE EIN MAIN FLOOR FIN. MAIN FLOOR -FACE BRICK (TYP.) (6<sup>†</sup>) (TYP) -ANCHORED TO PORCH SLAB EIN. SECOND FLOOR FIN' SECOND FLOOR -20" DECOR, RAILING 6" VINYL CORNER TRIM (TYP.) 6'-10" 8'-1" - HORIZONTAL VINYL SIDING WI METAL FLASHING BEHIND (.9YT) 6" VINYL SURROUND -(TYP.) - 1"X6" ALUM.FRIEZE BOARD (TYP.) TOP OF WINDOW TOP OF PLATE • PRE-FINISHED ALUMINUM Ř.W.L. AND GUTTER ON PRE-FINISHED FASCIA BOARD AND VENTED SOFFIT 7:9:12 (31) #210 SELF SEALING ASPHALT
#210 SELF SEALING ASPHALT OCT. 19/15 Z1:6.7 3/16" = 1'0"

# COMPLIANCE PACKAGE J - O.B.C. 2012 - 2015 ENACTMENT (9) WOOD COLUMN ORC. 917

(UNLESS OTHERWISE NOTED)
ALL CONSTRUCTION TO CONFORM TO THE ONTARIO
BUILDING CODE (O.B.C.) AND ALL OTHER CODES AND LOCAL AUTHORITIES
HAVING JURISDICTION.
-ALL DIMENSIONS GIVEN FIRST IN IMPERIAL FOLLOWED BY METRIC.
THERMAL RESISTANCE VALUES BASED ON ZONE 1

BASED ON 16-17(4,9m) MAX. SUPPORTED JOIST LENGTH
MIN. 2200psi (15MPa) CONCRETE AFTER 28 DAYS
SHALL REST ON UNDSTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL
W/ MIN. 10.9psi (75kPa) BEARING CAPACITY
FIG. 10 HAVE CONTINUOUS KEY
AS FER SOILS BY BE REDUCED FOR SOILS W/ GREATER BEARING CAPACITY
AS FER SOILS BY GINEERING REPORT)

TYPICAL STRIP FOOTING: (EXTERIOR WALLS)
O.B.C., 9.18.3.5.
-FIG. 10 EXTEND MIN. 4-0" (1200mm) BELOW
BRICK VENEER -1 STOREY -13" X 4" (3) 2 TYPICAL STRIP FOOTING: (INTERIOR BEARING WALLS)
O.B.C. 9.153.6. -1 STOREY - 10" X 4"
-2 STOREY - 14" X 4"
-3 STOREY - 18" X 5" '-9" (1200mm) BELOW GRADE

DREY -13" X 4" (330mm X 100mm)

DREY -19" X 6" (485mm X 155mm)

DREY -26" X 9" (660mm X 230mm) (255mm × 100mm) (360mm × 100mm) (460mm × 130mm)

-1 STOREY MASONRY -16" X 4" (410mm X 100mm)
-1 STOREY STUD -12" X 4" (305mm X 100mm)
-2 STOREY MASONRY -26" X 9" (630mmX 230mm)
-2 STOREY STUD -18" X 5" (630mm X 130mn)
-3 STOREY MASONRY -36" X 14" (900mm X 360mm)
-3 STOREY STUD -24" X 8" (600mm X 200mm)

### (3) SIEP FOOTING:

O.B.C. 9.15.3.9. -23.5/8" (600mm) MAX. VERTICAL RISE & 23.5/8" (600mm) MIN. HORIZONTAL RUN.

# 4 DRAINAGE TILE OR PIPE:

O.B.C. 9.14.3.
-4" (100mm) MIN. DIA. LAID ON UNDISTURBED OR WELL COMPACTED SOIL
W/TOP OF TILE OR PIPE TO BE BELOW BOTTOM OF F.R. 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
-2220ps (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.

-2220ps (15MPa) AFTER 28 DAYS - O.B.C. 9.16.4.5.

-DAMPPROOF BEOW SLAB W/ MIN. 0.006" (O.15mm) POLYETHYLENE OR
TYPE 'S' ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.

-DAMPPROOFING MAY BE OMITTED IT CONCRETE HAS MIN. 3600ps (25MPa)

COMPRESSIVE STRENGTH AFTER 28 DAYS

-4" (100mm) OF COURSE GRANULAR MATERIAL
-PROVIDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
-WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO

O.B.C. 9.13.3.

CUBCC. 1/33.3.

FLOORD DRAIN PER O.B.C.9.31.4.4.

FRO (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 (O.B.C. SB-12-2.1.1.4 [5])

2.1.1.4 [5])

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

## Say SLAB ON GROUND: -3" (75mm) CONCRI

3" (75mm) CONCRETE SLAB - O.B.C. 9.16.4.3.
2200psi (15MPO) AFIER 28 DAYS - O.B.C. 9.16.4.5.
DAMPEROOF BELOW SLAB W/ MIN. 0.006" (0.15mm) POLYETHYLENE OR TYPE "S ROLL ROOFING W/ 4" (100mm) LAPPED JOINTS.
DAMPERCOPING MAY BE OMITTED IF CONCRETE HAS MIN. 3600psi(25MPd) COMPRESSIVE STRENGTH AFTER 28 DAYS
10 (RSI 1.76) INSULATION UNDER ENTIRE SLAB WHERE THE ENTIRE SLAB IS WITHIN 23-1/2" (800mm) OF GRADE.
1" (100mm) OF COURSE GRANULAR MATERIAL STOKUDE BOND BREAKING MATERIAL BETWEEN SLAB & FTG.
WHERE SLAB IS REQUIRED TO BE WATERPROOFED IT SHALL CONFORM TO 2.5.C. 9.13.3.

-FLOOR DRAIN PER O.B.C.9.31.4.4.
-UNLESS IT CAN BE DEMONSTRATED THAT SOIL GAS DOES NOT CONSTITUTE A PROBLEM, SOIL GAS CONTROL SHALL CONFIRM TO SUPPLEMENTARY STANDARD (O.B.C. SB-9)

6 GARAGE SLAB / EXTERIOR SLAB:
-4(100mm) CONCRETE SLAB
-4650psi (32MPd) COMPRESSIVE STRENGTH AFTER 28 DAYS FOR
UNREINFORCED CONC. & W/ 5-8% AIR ENTRAINMENT - O.B.C. 9.3.1.6.
-6" X 6" (W2.9 X W 2.9) WIRE MESH LOCATED NEAR MID-DEPTH OF SLAB
-4" (100mm) OF COURSE GRANULAR MATERIAL
-ANY FILL PLACED UNDER SLAB, OTHER THAN COURSE CLEAN GRANULAR
MATERIAL, SHALL BE COMPACTED.

### 7 PILASTERS:

PILASTER
PILASTER
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. C. 9.15.5.3.

BEAM POCKET

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

1/12" (13mm) SPACE AROUND WOOD BEAMS (O.B.C. 9.23.22.)

SIRUCTINAL COLUMNS

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

# B) STEEL PIPE COLU

STEEL PIPE COLUMN:

O.B.C. 2.15.3.4. & 9.17.3.

-FIXED COLUMN

-MIN. 3 1/2" (90mm) DIA. W/3/16" (4.76mm) WALL THICKNESS
-FOR STEEL BEAMS, CLIPS @ TOP & MIN. 6" X 4" X 1/4" (152mmX 100mmX 6.35mm) STEEL BIM. PLATE
-FOR WOOD BEAMS, MIN. 4"X4"X1/4" (100mmX 100mm X 6.35mm) STEEL TOP & BIM. PLATES, OR TOP PLATE TO EXTEND MIN. WIDTH OF BEAM
-ADJUSTABLE 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:
2 STOREY
-MAX. 9-10" (2997mm)

- (840mmX 840mmX 400mm)

- (840mmX 840mmX 400mm)

- 34" X 34" X 16" - {860mmX 860mmX 400mm} - 44" X 44" X 21" - {1120mmX 1120mmX 530mm}

MAX. 16'-0" (4880mm)

MAX. 16'-0' [4880mm]

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

- 40" X 40" X 19" - (1010mmX 1010mmX 480mm) - 51" X 51" X 24" - (1256mmX 1225mmX 610mm) , USE 4" X 8" X 5/8" (100mmX 200mmX 6mm) ANCHOR BOLTS

WHERE COL. SITS ON FDN. WALL (6mm) STEEL PLATE WITH 2-5/8" (

37-3 (TANNERY)

ESQUIRE HOMES NORTHGLEN - PHASE : CLARINGTON, ONTARIO

JUBA: 7: 1741.

-METAL SHOE ANCHORED TO FOOTING
-25" X 25" X 12" (440mm X 140mm) SOUTD WOOD COLUMN
-METAL SHOE ANCHORED TO FOOTING
-25" X 12" (440mm X 440mm X 300mm) CONC. PAD (1 FLOOR SUPPORTED W) 9-10" COL. SPACING)
-24" X 24" X 14" (860mm X 860mm X 360mm) CONC. PAD (2 FLOORS SUPPORTED W) 9-10" COL. SPACING)

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

-2"X8"X12" LEDGER BOARD FASTENED W/ 2/ 1/2" ANCHOR BOLTS @ 4" O.C.
-WHERE WOOD BEAMS BEAR ON FIREWALLS USE GENERAL NOTE 11
WHERE REQUIRED TO OBTAIN 5" SEPARATION DISTANCE
BETWEEN ADJACENT BEAMS

BLOCK PARTY WALL BEAM END BEARING: (STEEL BEAM)
-12"X1 1"X 5/8" STL. PLATE ON TOP OF SOLID CONCRETE BLOCK WITH
2- 1/2"/0" x8" ANCHOR BOLTS.

# WALL ASSEMBLIES:

O.B.C. 9.15.4.2.
WALLS NOT EXCEEDING 9'-10" (3000mm) IN LATERALLY SUPPORTED

DOMM) SOLID 2200;61 (15MPG) CONCRETE
. UNSUPPORTED HEIGHT OF 3"-11" (1220mm) & MAX. SUPPORTED HEIGHT
OF (21) SOMM) MEASURED FROM GRADE TO FINISHED BASEMENT FLOOR.
"WALLS NOT EXCEEDING 9"-0" (2750mm) IN LATERALLY SUPPORTED
"A

INC. (250mm) SOLID 2200psi (15MPo) CONCRETE

-10" (250mm) SOLID 2200psi (15MPo) CONCRETE

-10" (250mm) MASSURED HEIGHT OF 4-7" (1400mm) & MAX. SUPPORTED HEIGHT

OF 8-6" (2600mm) MASSURED FROM GRADE TO FINISHED BASEMENT FLOOR.

-1ATERAL SUPPORT PROVIDED BY ANCHORED SILL PLATE TO JOISTS.

-FOR CONDITIONS EXCEEDING THESE MAXIMUMS AN ALTERNATIVE IN

CONFORMANCE TO O.B.C.-129.15.4.1 SHALL BE USED OR IT SHALL BE

DESIONED UNDER O.B.C.-129.15.4.1 SHALL BE USED OR TO SHALL BE

-WALL SHALL EXTEND A MIN. 5.7/8" (150mm) ABOVE GRADE

-NSULATE WY R12 (RSI 21.1) FROM UNDERSIDE OF SUBFLOOR TO NOT

MORE THAN 8" (250mm) ABOVE FINISHED FLOOR OF BASEMENT

(ZONE 1. O.B.C. 12.1.1.2.A.)

BACK FILL W/ NON-FROST SUSCEPTIBLE SOIL

O.B.C. 9.15.4.7.
-WHERE THE TOP OF THE FOR

WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO ALLOW MASONRY FACING, THE MIN. REDUCED THICKNESS SHALL NOT BE LESS THAN 3-1/2" (90mm) THICK.

THE TO FACING MATERIAL WITH METAL TIES SPACED MAX. @ 7 7/8" (200mm) VERITICALLY O.C. & 2-11" (900mm) HORIZONITALLY.

FILL SPACE BETWEEN WALL AND FACING SOLID W/ MORTAR WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE WHERE WALL IS REDUCED FOR JOISTS, THE REDUCED THICKNESS SHALL BE

IPPROOFING & WATERPROOFING: WPPROOF THE EXTERIOR FACE OF WALL BELOW GRADE AS PER O.B.C.

9.13.2.
\*\*WHERE INSULATION EXTENDS TO MORE THAN 4-9" (1450mm) BELOW GRADE, A FDN. WALL DRAINAGE LAYER SHALL BE PROVIDED IN CONFORMANCE TO O.B.C. 9.14.2.1.(2) (3) (4)
-FINISHED BASEMENTS SHALL HAVE INTERIOR DAMPROOFING EXTENDING FROM SLAB TO GRADE LEYEL & SHALL CICHIFORM TO O.B.C. 9.183.3.(3)
FROM SLAB TO GRADE LEYEL & SHALL CONFORM TO O.B.C. 9.183.3.(3) ALL HAVE INTERIOR DAMPPRODFING EXTENDING EVEL & SHALL CONFORM TO O.B.C. 9.13.3.3.(3)
RESSURE OCCURS, FON. WALLS SHALL BE

WAITER PROOFED AS PER O.B.C. 9.13.3.
WALLS THAT ARE WAIERPROOFED DO NOT REQUIRE DAMPPROOFING.

# **(**

POUNDATION 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 HAVE MIN 2" (50mm) CONCRETE COVER

-BARS TO EXTEND 2-0" (600mm) BEYOND BOTH SIDES OF OPENING.

### (F) FRAME WALL CONSTRUCTION:

SIDING OR STUCCO AS PER ELEVATIONS, MIN. 77/8" (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" (Amm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALISH AS PER O.B.C. 9.23.16.

-2"X &" (38mm X 140mm) WOOD STUDS © 16" (400mm) O.C.

-MIN. R22 (RSI 3.87) INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.)

-CONTINUOUS ART/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 = EWI b (STC = N/A, FIRE = 45 MIN)
R 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE THE FOLLOW
ATERIALS: EPLACE R22 (RSI 3.87) INSULATION WITH R22 (RSI 3.87) ABSORPTIVE
SULATING MATERIAL WITH A MASS OF AT LEAST 4.8 (gJ sq.m.
FLACE 1/2" (12.7mm) INTERIOR GYPSUM BOARD WITH 1/2" (12.7mm) TYPE
GYPSUM BOARD.

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

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

### (6) ALTERNATE FRAME WALL CONSTRUCTION: O.B.C. 9.23.

S OR STUCCO AS PER ELEVATIONS, MIN. 77/8" (200mm) FROM FINISHED (O.B.C. 9:28.1.4. & 9:27.)

[38mm] R8 (RSI 1.41) RIGID INSULATION W/TAPED JOINTS (O.B.C.

22 W CONT, 16 GAUGE STEEL T BRACES FROM TOP PLATE TO BIM, PLATE TO BIM, PLATE FULL LENGTH OF WALL, OR CONT. 2" X 4" (38mmx 89mm) SOLID WOOD KING @ APPROXIMATELY 45 DEG. FROM TOP PLATE TO BIM, PLATE FOR ENGTH OF WALL.

ENGTH OF WALL.

OTTOM FLR. WHEN 3 STOREYS.

(RS) 2.46] INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.)

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

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

NOTE - SUPPORT FOR 2 + 3 H-OORS 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" (320mm) O.C.

FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE
REQUIRED TO BE SPACED @ 12" (320mm) O.C.

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

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 FOLLOWING MATERIALS:
-ADD 1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.
9.23.16. BETWEEN RIGID INSULATION AND WOOD STUD.
-REPLACE R14 [RSI 2.46] INSULATION WITH R14 [RSI 2.46] ABSORPTIVE
INSULATING MATERIAL WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
-REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE 'X' GYPSUM BD.

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 RIGI INSULATION

(15b) FRAME WALL CONSTRUCTION @ GARAGE:

O.B.C. 9.23.

-SIDING OR STUCCO AS PER SEVATIONS, MIN. 77/8" (200mm) FROM FINISHED GRADE (O.B.C. 9.28.1.4. & 9.27.)

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

-1/4" (6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C. 9.23.1.6.

WOOD STUDS @ 16" [400mm] O.C. A BOARD

27' X 4" (38mmX 89mm) WOOD SIUDS ® 16" (400mm) O.C.
-1/2" (12.7mm) GYPSIM BOARD

NOTE - SUPPORT FOR 2 + 3 FLOORS ABOVE - O.B.C. 1.9.23.10.1. =
-FOR 2 FLOORS SUPPORTED ABOVE, 2" X 4" (38mmX 89mm) STUDS ARE
REQUIRED TO BE SPACED ® 12" (300mm) O.C.
-FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 1.40mm) 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 ABSORPTIVE MATERIALS:
-ADD ABSORPTIVE MATERIALS WITH A MASS OF AT LEAST 2.8 kg/ sq.m.
-REFLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE "X GYPSUM BD.
-REG. FOR FIRE RATING (LESS THAN 4"0" LIMITING DISTANCE AND
ADD/REPLACE THE FOLLOWING:
-NON-COMBUSTABLE SIDING OR STUCCO AS PER ELEVATIONS (REFER TO
MANUFACTURERS SPECIFICATIONS).

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

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

FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING FLASHING UP TO 5 7/8" (150mm) BEHIND WALL SHEATHING COR STONE SILLS UNDER OPENINGS, FLASHING UNDER Imm) AIR SPACE . SHEATHING MEMBRANE AS PER O.B.C. 9:27:3:2. 6mm) PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.

72" (12.7mm) GYPSUM BOARD 12" (12.7mm) GYPSUM BOARD NOTE - SUPPORT FOR 3 FLOORS ABOVE - O.B.C. T.9.23.10.1. = OR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE GUIRED TO BE SPACED @ 12" (300mm) O.C. " (38mmX 140mm) WOOD STUDS ® 16" (400mm) O.C. 822 (RSI 3.87) INSULATION (ZONE 1, O.B.C. T.2.1.1.2.A.) INUIOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3.

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 = EW1b (STC = N/A, FIRE = 45 MIN)

FOR 45 MINUTE FIRE RATED WALL REQUIREMENTS SUBSTITUTE AND/OR ADD

THE FOLLOWING MATERIALS:

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

INSULATING MATERIAL WITH A MASS OF AT LEAST 4.8 kg/ sq.m.

REPLACE 1/2"(12.7mm) GYPSUM BD. W/ 1/2" (12.7mm) TYPE "X" GYPSUM BD.

**(3)** 

ALTERNATE BRICK VENEER CONSTRUCTION:

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.

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

4" (38mmX 89mm) WOOD STUDS @ 16" (400mm) O.C. @ 12" (300mm)
ON BOTTOM FLR. WHEN 3 STOREYS
CE W/ CONT. 16 GAUGE STEEL." BRACES FROM TOP PLATE TO BTM.
E FOR THE FULL LENGTH OF WALL. OR
FLY X4" (38mmX 89mm) SOUD WOOD BLOCKING @ APPROXIMATELY
EG. FROM TOP PLATE TO BTM. PLATE FOR FULL LENGTH OF WALL.
SEGI 2.46) INSULATION
VINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &
VINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. &

I/2" (12.7mm) GYPSUM BOARD

I/1/2" (12.7mm) GYPSUM BOARD

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

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

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

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

TO WILE OF ONTERIO PROFESSIONAL ONLY ONLY ONLY

♦ CLIENT SPECIFIC REVISIONS

'HESE DRAWINGS ARE NOT TO BE SCALED. ALL DIMENSIONS MUST BE ERIFED BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK NY DISCREPANCIES MUST BE REPORTED DIRECTLY TO RN DESIGN LTD

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TO SB-12 COMPLIANCE PACKAGE J REVISIONS

PARTY WALL - BLOCK

O.B.C. SB-3 WALL = B66 (STC = 57, FIRE = 2 HR)

-MIN, 1-HR TRE-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 PREVENT
SMOKE PASSAGE
-1/2" (12.7mm) GYPSUM BOARD W/ TAPED JOINTS BOTH SIDES
-2" X 2" (38mmx 38mm) WOOD STRAPPING @ 24" (600mm) O.C. BOTH 21) PARTY WALL - WOOD STUD:

O.B.C. SB-3 WALL = W13a (STC = 57. FIRE = 1 HR)
-MIN, HR FIRE-RESISTANCE RATING CONTINUOUS FROM TOP OF FOOTINGS TO THE U/S OF ROOF DECK.
-2 ROWS 2"X" (38mmX 89mm) STUDS @ 16" (400mm) O.C. W/ SEPARATE 2" X 4" (38mmX 89mm) BOTTOM PLATE & SEPARATE DOUBLE 2" X 4" (38mmX 89mm) TOP PLATES
-SOUND ABSORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90%, OF THE CATTY.
-5/8" (16mm) TYPE "X GYPSUM BOARD BOTH SIDES W/ JOINTS TAPED & FILLED. 9.25.3. & 7.25.2. PLYPOSED FLOOR:

-FLOOR AS PER NOTE # 28
-CONTINUOUS ARRYAPOUR BARRIER IN CONFORMANCE W/
O.B.C.- 9.25.3. & 9.25.4.
-R31 (R3I 5.46) INSULATION
-VENTED ALUMINUM SOFFIT 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 BOAKD BOTH SIDES.

(18) BEARING STUD WALL (BASEMENT):
2" X 4" (38mmX 89mm) 11177 (19b) EIREWALL: (220) WALLS ADJACENT TO ATTIC SPACE:
-1/2" (12.7mm) GYPSUM BOARD
-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.9.25.3. & 9.25.4.  $\langle 22 \rangle$  GARA -ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)

PARTY WALL - BLOCK (AGAINST GARAGEB:

O.B.C. SB-3 WALL = B5c (STC = 51, FIRE = 2 HR)

-MIN. HR FIRE-RESISTANCE RATING CONTINUOUS

-1/2" (12.7mm) GYPSUM BOARD

-CONTINUOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C.- 9.25.3. 23 DOUBLE VOLUME WALLS: O.B.C. 9:23.10.1. (20) PARTY WALL - FOUNDATION: O.B.C. 9.15.4.2. (17) INTERIOR STUD WALLS: 2. X.4" (38mm) 89mm) WOOD STRAPPING @ 16" (400mm) O.C.
-R20 (RSI 3.52) RIGID INSULATION
-7 1/2" (192mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE)
-1/2" (19.7mm) GYPSUM BOARD @ WALL & U/S OF CEILING BETWEEN
HOUSE AND GARAGE
-TAPE AND SEAL ALL JOHTS GAS TIGHT
REQ\_INSULATION VALUES:
INSULATION VALUES PROVIDED BY CAN/CSA-F280-M90
-RIGID INSULATION
-LOW DENSITY CONCRETE BLOCK
-1.70
-MOOD FRAME W/ GYPSUM
-2.72
-ARE FILM -MOYING
-1.76
-MOOD FRAME W/ GYPSUM
-1.77
-ARE FILM - STILL
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-1.78 U.B.C. Y.23.10.1.

-3/8" (9.5mm) PLYWOOD, OSB OR WATERBOARD SHEATHING
-REFER TO PLAN FOR STUD SPECIFICATION

STUDS FASTENED AT TOP & BOTTOM WITH 3/ 3-1/4" (82mm) TOE NAILS
-DOUBLE FOR PLATES FASTENED TOGETHER WITH 3" (76mm) AT
7/18" (200mm) O -7 7/8" (200mm) SOLID CONC. FOUNDATION WALL @ 2200psi (15MPa) COMPRESSIVE STRENGTH AFTER 28 DAYS FOUNDATION WALL TOREST ON FOOTING PER GENERAL NOTE #2 ACOUSTICAL SEALANT AS PER O.B.C. SB-3 (NOTE (2) TO TABLE 1)
NOTE - SUPPORT FOR 2 + 3 H.OORS ABOVE - O.B.C. 1.9.23.10.1. =
FOR 2 FLOORS SUPPORTED ABOVE. 2" X 4" (38mmX 89mm) STUDS ARE
EQUIRED TO BE SPACED @ 12" (300mm) O.C.
FOR 3 FLOORS SUPPORTED ABOVE, 2" X 6" (38mmX 140mm) STUDS ARE
EQUIRED TO BE SPACED @ 12" (300mm) O.C. ORPTIVE MATERIAL ON BOTH SIDES FILLING A MINIMUM OF 90% OF THE 2" (190mm) HOLLOW BLOCK (NORMAL WEIGHT AGGREGATE) 3GER JOISTS & BEAMS MINL 3 1/2" (90mm) @ PARTY WALLS AS PER 3, 9, 10,9,9,(1) & TABLE 2,1,1, SB-2 5" (38mm) 140mm) WOOD STUDS @ 16" (400mm) O.C. RSI 3.87) INSULATION (12.7mm) GYPSUM BOARD OR 1/4" (6mm) PLYWOOD SHEATHING THC SIDE. ASCAPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY

D ARSORPTIVE MATERIAL EACH SIDE FILLING 90% OF THE CAVITY

(190mm) CONC, BLOCK, MIN. 2 HR. HRE-RESISTANT RATING

FREWALL SHALL BE CONTINUOUS THROUGH ALL BUILDING STOREYS

FRE JOSIS & BEAMS MIN. 5" (130mm) @ FIRE WALLS AS PER

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

UICE PAST FASCIA @ EAVES W/ BRICK CORBELLING

UICE PAST FASCIA @ EAVES W/ BRICK CORBELLING

DOS 7/8" (1 50mm) ABOVE ROOF SURFACES & HAVE ALLMINUM CAP W/

GH WALL FLASHING PER O.B.C. 31.10.4.(1)

ETHE DIFFERENCE IN HEIGHT BETWEEN ADJACENT ROOF SURFACE PER

110" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER

110" (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER

110 (3m), WALL NEED NOT EXTEND PAST UPPER ROOF SURFACE PER

11 104 (2) .B.C. 9.10.11. & 3.1.10. & SB-3 WALL = B66 (STC = 57, FIRE = 2 HR)
IREWALL IS REQUIRED FOR EVERY 6460 S.F. (600 SQ.M) OF BUILDING
D.B.C. T.3.2.2.47.
2.7mm) GYPSUM BOARD W/TAPED JOINTS
(38mmX 38mm) WOOD STRAPPING @ 24" (600mm) O.C. ON BOTH SIDES Jonn) Gypsum Board on Both Sides of Wall & U/S of Celling House and Garage

1 House and Garage

10 Seal All Joints Gas Tight

13.87] Insulation in Walls,

13.87] Insulation in Walls,

13.87 Insulation in Cellings W/ Floor Above

14.00Is Arryapour Barrer in Conformance W/ O.B.C.
19.25.4. For Floor Above.

10.9.25.4. For Floor VG AT 3+11" (1200mm) O.C. 3.87] INSULATION (ZONE 1. O.B.C. T.2.1.1.2.A.) AIR/VAPOUR BARRIER IN CONFORMANCE WITH O.B.C BOTTOM PLATE ON DAMPPROOFING MATERIAL.
PRIJM BOARD BOTH SIDES.
A. ANCHOR BOLIS @ 7-10" (2400mm) O.C.
GENERAL NOTE #2 W/4" CONC. CURB PROVIDED AS PER O.B.C. 9.19.2.1. DD STUDS @ 16" (400mm) O.C. OR OD STUDS @ 16" (400mm) O.C. W/ ESQUIRE HOMES NORTHGLEN - PHASE 2 CLARINGTON, ONTARIO 37-3 (TANNERY) -REINFORCED CONCRETE SLABS ABOVE COLD CELLARS THAT ARE SUPPORTED ON FOUNDATION WALLS NOT TO EXCEED 8'-2'
-47/8" [125mm] 4659 psi [32 MPo] CONC. SLAB WITH 5 TO 8% AIR ENTRAINMENT -REINFORCE WITH 10M BARS @ 77/8" (200mm) EACH WAY
-11/4" [30mm] CLEAR COVER FROM THE BOTTOM OF THE SLAB
-3" [75mm] BLD BEARING ON FOUNDATION WALL
-23 5/8" (600mm) 10X 23 5/8" (600mm) 10M DOWELS @ 23 5/8" (600mm) O.C.
-27/4" WOOD PURLINS [CUIT DIAGONALLY] @ 12" O.C. LAYING UNFASTENED ON SINGLE PLY WATERPROOF FROOF MEMBRANE OR EQUIVALENT ON 5/8"
[1.57mm] EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X"4" WOOD PURLINS [CUIT DIAGONALLY] @ 12" O.C. DIRECTLY ON 2"X"8" ROOF JOISTS @ 12" O.C. [OR AS NOTED ON PLAN]
- EXTERIOR GRADE PLYWOOD SHEATHING ON 2"X"4" WOOD PURLINS [CUIT DIAGONALLY] @ 12" O.C. DIRECTLY ON 2"X"8" ROOF JOISTS @ 12" O.C. [OR AS NOTED ON PLAN]
- SLOPE ASSEMBLY MINIMUM 2% TO ROOF SCUPPER
- REQUIRED FOR OVER HEATED SPACES;
- ADD 2"X" (30mm x 30mm) CROSS PURLINS @ 16" (400mm) O.C. FOR VENITIATION OVER JOISTS (DEC 9.19.12. VENITING NOT LESS THAN 1/150 OF CEILING AREA]
- ADD CONTINUIOUS AIR/VAPOUR BARRIER IN CONFORMANCE W/ O.B.C. 9:25.3.
- 8, 2,25.4. 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: PIICH PROVIDE EAVES PROTECTION TO EXTEND UP THE ROOF SLOPE MIN. 2:11 II' (POOMM) FROM EDGE TO A LINE NOT LESS THAN 1.2" (300mm) PAST THE INSIDE FACE OF EXTERIOR WALL.

EAVES PROTECTION LAID BENEATH SLAFIER STRIP.

EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES OR WHERE ROOF SLOPES ARE 8:12 OR GREATIER 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" (100mm) PLYWOOD SEATHING OR OSB (0-2 GRADE) WITH "H" CLIPS.

-2'x8" (39mm x 184mm) @ 16" O.C. W/ 2'x2" (38mm x 38mm) CROSS PURLINS @ 24" O.C. MAX. SPAN 13'-3" (4050mm) OR SUNKEN FINISHED AREAS:

-USE SOLID BUILT-UP WOOD BEARING POST TO SUPPORT SUNKEN AREA AT FOUNDATION WALLS, EXTEND FOOTINGS TO SUPPORT POSTS.

-WHERE GRADING CONDITIONS WILL ALLOW, CHECK FOUNDATION WALLS INSTEAD OF USING BEARING POSTS.
-FLOOR STRUCTURE AS PER NOTE # 28.

-ELOOR STRUC O.B.C. 9.23.7.

2" X 4" (38mm X89mm) PLATE

-2" X 4" (38mm X89mm) PLATE

-1/Z" (12:7mm) DIA, ANCHOR BOLIS ® 7-10" (2400mm) O.C. FASTENED TO PLATE W/ NUTS AND WASHERS & SHALL BE EMBEDDED NOT LESS THAN 4" (100mm) INTO FOUNDATION WALL

-3IL 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:

O.B.C. 9.23.9.4. (26) SILL PLATE: ٨ CORBEL MASONRY VENEER:

-MASONRY VENEER TO BE CO (28) FLOOR ASSEMBLY:
O.B.C. 9.23. (31) TYPICAL ROOF O.B.C. 9 (29) PORCH SLABS ABOVE COLD CELLAR
O.B.C. 9.39.1.4. SINGLE PLY WATERPROOF ASSEMBLY:

INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

I-/4" EXTERIOR GRADE WOODD PANEL TYPE UNDERLAY TAPERED PUBLICATIONS.

SLOPED MIN. 2% TO ROOF SCUPPER.

-3/8" EXTERIOR GRADE PLYWOOD SHEATHING GOT THE STAND TO STAND TO STAND TO STAND TO STAND THE STAND TO STAND THE STAND TO STAND THE STAND STAN O.B.C. 9.26.

-NO. 210 (30. 55(GMZ) ASPHALI SHINGLES
-NO. 210 (30. 55(GMZ) ASPHALI SHINGLES
-NOPER ROOPS BETWEEN 4:12 & 8:12 PITCH PROVIDE EAVES ROUNDING EXTEND UP THE ROOF SLOPE MIN. 2:-11" (900mm) FROM EDGE OF EXTEND UP THE ROOF SLOPE MIN. 2:-11" (900mm) FROM EDGE OF EXTEND UP THE ROOF SLOPE MIN. 2:-11" (900mm) FROOF SUPPLIESS THAN 12" (300mm) PAST THE INSIDE FACE OF EXTERIOR WAIL.
-EAVES PROTECTION LAID BENEATH 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)
-38" (10mm) PLYWOOD SHEATHING OR OSB (0-2 GRADE) WITH "H" CUPS
-APPROVED WOOD TRUSSES @ 24" (600mm) O.C. (REFER TO MANUFACTURER'S 14YOUT) O SIRAPPING

-1" X3" (19mm K-6mm) NAILED TO U/S OF JOISTS @ MAX. 6-11" (2100mm) O.C.
-FASTENED TO SILL OR HEADER @ ENDS
b) BRIDGING
-1" X3" (19mm K-6mm) OR Z" X" (38mm X 38mm) CROSS BRIDGING @ MAX.
6-11" (2100mm) O.C.
6-11" (2100mm) O.C.
1" RIDGING & STRAPPING
-1 & D) USED TOGETHER OR
-1 | 1/2" (38mm) SOLID BLOCKING @ MAX. 6-11" (2100mm) O.C. USED WITH
STRAPPING (6)
d) EURRING OR PAINE, TYPE CEILING
-STRAPPING NOT REQUIRED IF FURRING STRIPS OR PANEL TYPE CEILING FINISH
IS ATTACHED DIRECTLY TO JOISTS. FLOOR ASSEMBLIES: -1/2" (12.7mm) GYPSUM BOARD W/ PAINTED CEILING OR -5/8" (15.9mm) GYPSUM BOARD W/ TEXTURED CEILING (O.B.C. T.9.29.5.3.) ROOF ASSEMBLIES \$ 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.) KUMINUMI ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH, 50% AT SOFFIT. ADD 1/2" (12.7mm) GYPSUM BOARD W/ PAINTED O B.C. 9.23.14.3, 9.23.14.4 ,9mm) WAFERBOARD (R-1 GRADE) OR EQUIVALENT JOISTS AS PER FLOOR PLANS ACING AS PER TRUSS MANUFACTURER OUGH ON PREFINISHED FASCIA AND VENTED SOFFIT (VINYL OR ... E CORBELLED AS PER O.B.C. 9.20.12.3.(1) D AS PER O.B.C. 9.26.7.2.(3)
D AS PER O.B.C. 9.26.7.2.(3)
ANTHING OR OSB (0-2 GRADE) WITH "H" CLIPS.
"O.C. W/2" (38mm x 38mm) CROSS PURLINS
("4050nm) OR
("4050nm) OR
("0.C. W/2" (38mm x 38mm) CROSS
AN 17-0" (5180mm) ER IN CONFORMANCE W/ O.B.C. 9.25.3. QUALIFIED DESIGNER BCIN: FIRM BCIN: WEDGE OF ON THE SHOFESSION CONTRACTOR OF THE STATE OF THE ST 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" (800mm).

-GUARDS (O BE 3'-6" (1070mm)).

-GUARDS (O BE 3'-6" (1070mm) HIGH FOR DWELLING JUNITS GUARDS TO BE 3'-6" (1070mm) HIGH WHERE WALKING SURFACE IS MORE THAN 5'-11" (1800mm). ABOVE ADJACENT GRADE.

SURFACE IS MORE THAN 5'-11" (1800mm). ABOVE ADJACENT GRADE.

-PICKETS TO HAVE 4" (100mm). MAX. SPACING.

-PROVIDE MID-SPAN POSITS AS PER 58-7.

-GUARDS FOR FLIGHTS OF SIEPS (EXCEPT EXIT STAIRS). TO BE 2'-11" (900mm). HIGH. (36) INTERIOR GUARDS:

O.B.C. SB-7 & 9.8.8.3.
-GUARDS TO BE 3-6" (1070mm) HIGH
-FOR DWELLING UNITS GUARDS TO BE A MIN. OF 2-11" (900mm) HIGH
-INCLUDES WINDOWS OVER STARRS, RAMPS AND LANDINGS
-PICKETS TO HAVE 4" (100mm) MAX. SPACING
-GUARDS FOR FLIGHTS OF STEPS (EXCEPT EXIT STARS) TO BE 2-11" (900mm) (34) ATIIC ACCESS HATCH:

O.B.C. 9.19.2.1.

-19.3/4" X 27 1/2" (500mm X 700mm) ATIIC HATCH WITH
WEATHERSTRIPPING & BACKED W/ R20 (RS) 3.52] INSULATION (33) CONVENTIONAL FRAMING: O.B.C. 9.8.7

O.B.C. 9.8.7

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

-TWO HANDRAILS RECOURED WHERE STAIR WIDTH EXCREDS 3"-7" (1100mm)

-TWO HANDRAILS ARE REQUIRED ON CURVED STAIRS OF ANY WIDTH

-HANDRAILS ARE TO BE CONTINUOUS INCLUDING AT LANDINGS EXCEPT

WHERE INTERRUPTED BY DOOR WAYS OR NEWEL POSTS AT CHANGES IN

DIRECTION FINISH:

OB.C. 9.8.9.6

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

-STARS AND RAMPS SHALL HAVE A COLOUR CONTRAST OR DISTINCTIVE VISUAL PATTERN TO DEMARCATE THE LEADING EDGE OF THE TREADS, LANDING AND THE BEGINNING AND END OF A RAMP. HEIGHT:
O.B.C. 9.B.T.4
- 2-10" (865mm) MIN. 1O 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 -R31 (RS) 5.46) INSULATION
-MINI. 3" CLEARANGE FROM U/S OF ROOF SHEATHING TO INSULATION
-CONTINUOUS A RIPLYAPOUR BARRIER IN CONFORMANCE WITH
O.B.C. 9.25.3. & 9.25.4.
-1/2" (12.7mm) GYPSUM BOARD TERMINATION:

O.B.C. 9.8.7.3

- ONE HAND RAIL SHALL EXTEND HORIZONTALLY NOT LESS THAN 11 3/4"
[300mm] BEYOND THE TOP & BOTTOM OF EACH STAIR AS O.B.C. 9.8.7

-ONE HANDRAIL REQUIRED WHERE STAR WIDTH IS LESS THAN 3'-7" (1100mm)
-TWO HANDRAILS REQUIRED WHERE STAR WIDTH EXCREDS 3-7" (1100mm)
-ONE HANDRAILS REQUIRED ON CURVED STARS OF ANY WIDTH WITHIN DWELLING UNITS

-HANDRAILS ARE TO BE CONTINUOUS EXCEPT WHERE INTERRUPTED BY DOOR WAYS, LANDINGS OR POSTS AT CHANGES IN DIRECTION O.B.C. TABLE A6 OR A7
-2" X 6" (38mm X 140mm) RAFIERS @ 16" (400mm) O.C. MAX. SPAN 12-9"
(3890mm)
-2" X/4" (38mm X 190mm) COLLAR TIES AT MIDSPANS
-CELING JOISTS TO BE 2" X 6" (39mmX 140mm) @ 16" (400mm) O.C.
UNLESS OTHERWISE NOTED.
-HIP & VALLEY RAFIERS TO BE MIN. 2" (30mm) LARGER THAN COMMON
RAFIERS & MIN. 1 1/2" (38mm) THICK. PROJECTIONS:
O.B.C. 79.87.6
A.B.C. 97.87.6
PHANDRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP STRINGERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED WIDTH OF THE STAIR GENERAL: SIGHL:

OB.C. 9.8.7.4

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

2-10" (865mm) WHERE GUARDS ARE REQUIRED ON LANDINGS)

MASURED VERTICALLY FROM THE TOP OF THE HANDRAIL TO A

RAGHT LINE DRAWN FROM THE TANGENT TO THE TREAD NOSING THESE DRAWINGS ARE N VERIFIED BY CONTRACTO ANY DISCREPANCIES MI ICTIONS:
O.B.C. 9.8.7.6

DRAILS AND PROJECTIONS BELOW HANDRAILS INCLUDING STEP
SERS TO PROJECT A MAXIMUM OF 4" (100mm) INTO THE REQUIRED
1 OF THE STAIR OCT, 19/15 E NOTTO BE SCALED. ALL DIMENSIONS MUST BE STOR PRIOR TO COMMENCEMENT OF ANY WORK. MUST BE REPORTED DIRECTLY TO RN DESIGN LTD 14093 Ν

# (8)

EXIERIOR GUARDS & JULIET BALCONY:

-FOR RAILING SPANNING MAXIMUM OF 6-0":

-PROVIDE PREFIN, METAL RAILING W/ 76mm VERTICAL OPENING TO CONFORM WITH O.B.C. APPENDIX A-9.8.8.5.

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

-FOR DWELLING UNITS GUARDS TO BE 2'-11" (900mm) WHERE FLOOR TO GRADE DIFFERENCE IS LESS THAN 5'-11" (1800mm) AS PER O.B.C.

9.8.8.2 OR

-FOR DWELLING UNITS GUARDS TO BE 2'-1" (1800mm) AS PER O.B.C.

LING UNITS GUARDS TO BE 3-6" WHERE FLOOR TO FFERENCE IS 5-11" (1800mm) OR GREATER AS PER O.B.C. 9.8.8.2. END RAILING ANCHORED TO CORNER DOUBLE STUDS USING 3 3/8"/20 MIN. ANCHOR BOLTS EQUALLY SPACED WITH 3" MIN.

-INEN CLOSET 4 SHELVES MIN. 11-2" (350mm) DEEP

-WASHROOMS TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE
AIR CHANGE PER HOUR, O.B.C.- 9:32.1.3.(3)

-CAPPED DRYER VENT

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

42) -PRECAST CONC, STEP
-2 RISERS MAXIMUM PERMITTED TO BE LAID ON GROUND

44) SMOKE ALARM, O.B.C.-9.10.19.
-PROVIDE I ON EACH FLOOR INCCUDING BASEMENTS
-PROVIDE I IN EACH FLOOR INCCUDING BEDROOMS
-ROVUDE I IN EACH HALLWAY SERVICING BEDROOMS
-INSTALLED AT OR NEAR CEILING
-AALARMS 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

(1)

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

-WHERE THERE IS A FUEL BURNING APPLIANCE A CMA SHALL BE PROVIDED ADJACENT TO EACH SLEEPING AREA.

-CMA TO BE WIRED IN CIRCUIT TO SOUND SMOKE ALARMS WHEN ACTIVATED.

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

(4) -GARAGE MAN DOORS TO BE GAS PROOFED WITH SELF CLOSER, WEATHERSTRIPPING, THRESHOLD & DEAD BOLT PER O.B.C. 9.10.13.15.-R4 (RSI 0.70)

(48) -TRAVEL FROM A FLOOR LEVEL TO AN EXIT OR EGRESS DOOR SHALL BE LIMITED TO ONE FLOOR EXCEPT;

1) WHERE THAT FLOOR LEVEL HAS ACCESS TO A BALCONY

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

CLIENT SPECIFIC REVISIONS

ANIN. 6"X6" (1 40mm X 140mm) WOOD POST ANCHORED TO PORCH SLAB W/ METAL SADDLE.

-TOP PORTION OF POST CLAD W/ DECOR. SURROUND PER ELEVATION DRAWNINGS.
-14" X 14" MASONRY VENEER SURROUND W/ PRECAST CONCRETE CAP.
-REFER TO ELEVATION DRAWNIGS FOR HEIGHT OF CAP.
-SURROUND TO BE TIED W/ METAL TES @ 16" [400mm] O.C. VERT. INSTALLED PER O.B.C. 9.20.9.4.
-3/4" AR SPACE AROUND POST.

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

 (490)
 EXTERIOR COLUMN:

 (490)
 -MIN. 6"XG" [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) COID CELLARS:
FOR COLD CELLA
-VENTING AREA T

FOR COLD CELLARS PROVIDE THE FOLLOWING:
-VENTING AREA TO BE EQUIVALENT TO 0.2% OF COLD CELLAR AREA.
-COVER VENT WY BUG SCREEN
-WALL MOUNTED LIGHT FIXTURE
-LI+L7 FOR DOOR OPENING
-2-8" X 6-8" EXTERIOR TYPE DOOR [MIN.R-4 RSI 0.7]
-INSULATE FUIL HEIGHT OF INTERIOR BASEMENT WALL W/ MIN. R12 (RSI 2.1 I)

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. 38.3.8. (3)(0)&(0) & 38.3.13.(2)(f) & 38.3.13.(4)(c) & 38.3.(4)(c) & 38.3.(4)(c) & 38.3.(4)(c) & 38.3.(4)(c) & 38.3.(4)(c) & 38.3.(4

FRAME CONSTRUCTION:

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

-POOF LOADING IS BASED ON 1.5kPg SPECIFIED COMPOSITE SNO

OTHERWISE.

-ROOF LOADING IS BASED ON 1.5/PG SPECIFIED COMPOSITE SNOW AND RAIN LOADS.
-ROOF LOADING IS BASED ON 1.5/PG SPECIFIED COMPOSITE SNOW AND RAIN LOADS.
-DOUBLET STO HAVE MIN. 3-1/Z" (38mm) END BEARING
-BEAMS TO HAVE MIN. 3-1/Z" (38mm) END BEARING
-DOUBLE TRUDS @ OPENINGS
-DOUBLE HEADER JOISTS AROUND FLOOR OPENINGS WHEN THEY ARE BETWEEN 3-11" (1200mm) AND 10"-S" (2300mm)
-DOUBLE HEAMMER JOISTS WHEN HEADER JOIST LENGTH IS BETWEEN 2-7" (200mm) AND 6"-7" (2000mm)
-DOUBLE JOISTS OR SOUD 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
-APPROVED MEI'AL HANGERS TO BE USED FOR JOISTS AND BEAMS WHEN THEY FRAME NITO SEDES OF BEAMS, RINMMERS AND HEADERS
-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 15 3/4" (400mm) BEYOND SUPPORTS FOR 2" X 8" (38mm X 184mm)
-FLOOR JOISTS SUPPORTING ROOF LOADS SHALL NOT BE CANTILEVERED MORE THAN 23 5/8" (600mm) BEYOND SUPPORTS FOR 2" X 10" (38mm X 235mm) OR LARGER.

TO BE SEALED TO THE AIR & VAPOR BARRIER

THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL

VERALL COEFFICIENT OF HEAT TRANSFER OF

NDOWS THAT SEPAKAITE INC.

WE AN OVERALL COEFFICIENT OF HEAT TRANSITION ...

WE AN OVERALL COEFFICIENT OF HEAT TRANSITION ...

W/(m2.K) OF NOT LESS THAN 21 FOR OPERABLE WINDOWS &
4 ENERGY RATING OF NOT LESS THAN 21 FOR OPERABLE WINDOWS

SEMENT WINDOWS WITH LOAD BEARING STRUCTURAL FRAME SHALL

DOUBLE GLAZED WITH LOW-E COATING

YUGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF

YUGHTS SHALL HAVE AN OVERALL COEFFICIENT OF HEAT TRANSFER OF W/(m2.k) )R GROSS GLAZED AREAS LESS THAN 17%

ADDITIONAL COMPHANCE ALTERNATIVES FOR PACKAGE 1.

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

:ERE BLOWN-IN INSULATION OR SPRAY-APPLIED FOAM INSULATION IS USED, MINIMUM R (RSI) VALUE FOR THERMAL INSULATION IN EXPOSED ABOVE ABLE WALLS IS PERMITIED TO BE NO LESS THAN RZ0 (RSI 3.52) PROVIDED TO THE NOTICE OF THE REPORT OF THE THE REPORT OF THE REPORT OF THE REPORT OF THE REPORT OF THE REPOR

d) the thermal insulation value in a ceiling with an attic space is not less than R60 (RSI 10.55).

b) THE MINIMUM EFFICIENCY OF THE HRV IS INCREASED BY NOT LESS THAN B ERCENTAGE POINTS.

"STRCEMINM HOUSE OF THE SPACE HEATING EQUIPMENT IS INCREASED BY YOT LESS THAN 2 PERCENTAGE POINTS.

"A) THE MINIMUM EF OF THE DOMESTIC HOT WATER HEATER IS INCREASED BY YOT LESS THAN 4 PERCENTAGE POINTS.

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

# SOR STRUCTURAL ONLY

### PROFESSIONAL SCI 22 2015 KONG

			G OVER SIZED EXTERIOR DOOR REFER TO ELEVATIONS FOR SIZE	E 460x2030x35 (1'6"x6'8"x1-3/8") F 610x2030x35 (2'0"x6'8"x1-3/8")	D 710x2030x35 (2'4"x6'8"x1-3/8")	C 760x2030x35 (2'6"x6'8"x1-3/8")	B 815x2030x35 (2'8"x6'8"x1-3/8")	A 865x2030x45 (2'10"x6'8"x1-3/4")	DOORS (46)(47)	)
ST1 ST2	L9	ភ ដ	7	₩U3	₩D4	WD3	WD2	δ		
W 6 X 15 W 6 X 20	3-1/2" X 3-1/2" X 1/4"; 4" X 3-1/2" X 1/4" L	2/2" X 10" SPR 2/2" X 12" SPR	2/2" X 8" SPR	4/ 2' X (U' SPR	3/2"X 10" SPR	5/2" X 8" SPR	4/ 2" X 8" SPR	3/2"X8"SPR		SCHEDULES
s, s,		55	_		WD9	₩D8	WD7	WD6		Ĕ
5 EEL BEAM: T3 W8 X 18 T4 W8 X 21			LINTELS 10 4-7/8" X 3-1/2" X (		5/ 2" X 12" SPR	4/ 2" X 12" SPR	3/2"X12"SPR	5/2" X 10" SPR	WOOD BEAMS	S N
Ū.	3/8" L	3/8" L	5/16" L	WD14	WD13	WD12	WDI	WDIO	υ,	
ST5 W8×24		L16 7-1/8" X 4" X 3/8" L L17 7-1/8" X 4" X 1/2" L	L15 5-7/8" X 4" X 1/2" L	5 3/1 3/4" X11 7/8" (2.0E) LVL	3/1 3/4" X9 1/2" (2.0E) LVL	2/1 3/4" X9 1/2" (2.0E) LVL	3/1 3/4" X7 1/4" (2.0E) LVL	) 2/1 3/4" X7 1/4" [2.0E] LVL		
		1-1/2" X 1/4" L	"" SPR L11 4-7/8" X 3-1/2" X 3/8" L "" SPR L12 4-7/8" X 3-1/2" X 1/8" L 1-1/2" X 1/4" L L13 5-7/8" X 3-1/2" X 1/2" L "" X 1/4" L L14 5-7/8" X 3-1/2" X 1/2" L STEEL BEAMS ST3 W 8 X 18 ST4 W 8 X 21	OVER 8/IZED EXTERIOR DOOR  L1 2/2" X 8" SPR  L1 4-7/8" X 3-1/2" X 5/16" L  L3 2/2" X 10" SPR  L1 4-7/8" X 3-1/2" X 3/8" L  L5 2/2" X 12" SPR  L1 4-7/8" X 3-1/2" X 1/8" L  L7 3-1/2" X 3-1/2" X 1/4" L  L7 3-1/2" X 3-1/2" X 1/4" L  L7 3-1/2" X 1/4"	460x2030x35 (16"x68"x1-3/8") 40x247 x (0" SFR 40x2030x35 (270"x68"x1-3/8")  OVER SIZED EXTERIOR DOOR REFER TO ELEVATIONS FOR SIZE  L1 2/2" X 8" SPR L1 4-7/8" X 3-1/2" X 5/16" L L3 2/2" X 10" SPR L1 4-7/8" X 3-1/2" X 1/2" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 1/2" L L5 4" X 3-1/2" X 1/4" L L1 5-7/8" X 3-1/2" X 1/2" L ST2 W 6 X 20  ST4 W 8 X 21  WD1 2/ WD1	710x2030x35 (24"x68"x1-3/8") 460x2030x35 (1'6"x68"x1-3/8") 460x2030x35 (2'0"x68"x1-3/8") 60x2R SIZED EXTERIOR DOOR REPATIONS FOR SIZE REFER TO BLEVATIONS FOR SIZE L1 2/2" X 8" SPR L1 2/2" X 10" SPR L1 4-7/8" X 3-1/2" X 5/16" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 12" L L1 4-7/8" X 3-1/2" X 12" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 12" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 12" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 12" L L5 2/2" X 12" SPR L1 4-7/8" X 3-1/2" X 12" L STEEL BEAMS ST2 W 6 X 20 ST4 W 8 X 21	WD3 5/2"X6"SPR WD8 4/2"X12"SPR WD12 2, WD4 3/2"X10"SPR WD9 5/2"X12"SPR WD13 3, WD5 4/2"X10"SPR WD9 5/2"X12"SPR WD14 2, WD15 3, E L1 2/2"X8"SPR L10 4-7/8" X3-1/2"X5/16"L L3 2/2"X10"SPR L10 4-7/8" X3-1/2"X5/16"L L5 2/2"X12"SPR L11 4-7/8" X3-1/2"X1/2"L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2"X3/8"L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2"X3/8"L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2"X1/2"L STEEL BEAMS ST1 W6 X 15 ST3 W 8 X 18 ST2 W6 X 20 ST4 W 8 X 21	WD2 4/2"X6"SPR WD7 3/2"X12"SPR WD11 3, WD3 5/2"X6"SPR WD8 4/2"X12"SPR WD12 2, WD4 3/2"X10"SPR WD9 5/2"X12"SPR WD13 3, WD5 4/2"X10"SPR WD9 5/2"X12"SPR WD14 2, WD5 3/2"X10"SPR L10 4-7/8" X3-1/2" X5/16"L L3 2/2"X10"SPR L10 4-7/8" X3-1/2" X5/16"L L3 2/2"X10"SPR L10 4-7/8" X3-1/2" X3/8" L L7 3-1/2"X3-1/2"X1/4"L L13 5-7/8" X3-1/2" X3/8" L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2" X3/8" L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2" X1/2"L STEEL BEAMS ST1 W6 X 15 ST3 W 8 X 18 ST2 W6 X 20 ST4 W 8 X 21	WDI 3/2"X6"SPR WD6 5/2"X10"SPR WD10 2,1 WD2 4/2"X6"SPR WD7 3/2"X12"SPR WD11 3,1 WD3 5/2"X8"SPR WD9 5/2"X12"SPR WD12 2,1 WD4 3/2"X10"SPR WD9 5/2"X12"SPR WD13 3,1 WD5 4/2"X10"SPR WD9 5/2"X12"SPR WD14 2,2 WD15 3,2 LINTELS L1 2/2"X8"SPR L10 4-7/8" X3-1/2" X5/16"L L3 2/2"X10"SPR L11 4-7/8" X3-1/2" X5/16"L L5 2/2"X12"SPR L12 4-7/8" X3-1/2" X1/2"L L5 2/2"X12"SPR L13 5-7/8" X3-1/2" X1/2"L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2" X1/2"L L9 4"X3-1/2"X1/4"L L13 5-7/8" X3-1/2" X1/2"L STEEL BEAMS ST1 W6 X 15 ST3 W8 X 18 ST2 W6 X 20 ST4 W8 X 21	WOOD BEAMS WD1 3/2'x8"SPR WD6 5/2'x10"SPR WD10 2/ WD2 4/2'x8"SPR WD7 3/2'x12"SPR WD11 3/ WD3 5/2'x8"SPR WD8 4/2'x12"SPR WD12 2/ WD4 3/2'x10"SPR WD9 5/2'x12"SPR WD13 3/ WD5 4/2'x10"SPR WD9 5/2'x12"SPR WD14 2/ WD6 4/2'x10"SPR WD9 5/2'x12"SPR WD14 2/ WD15 3/2"x8"SPR L10 4-7/8" x3-1/2" x5/16" L L3 2/2"x8"SPR L10 4-7/8" x3-1/2" x5/16" L L5 2/2"x12"SPR L11 4-7/8" x3-1/2" x3/8" L L7 3-1/2"x3-1/2"x1/4" L L13 5-7/8" x3-1/2" x3/8" L L9 4"x3-1/2"x1/4" L L13 5-7/8" x3-1/2" x3/8" L STEEL BEAMS ST1 W6 x 15 ST3 W8 x 18 ST2 W6 x 20 ST4 W8 x 21

SECOND FLOOR
TOTAL (ft<sup>2</sup>)

FIRST FLOOR

**ELEVATION** 

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FLOOR

AREA

CALCULATIONS

HINE PLACE VENT	STOVE VENT	COULD CELLTAIR ABALL (20)			VENTS AND INTAKES			NIVE VIANTE
<u>(</u>	)- <b>c</b>	⊅~	A.F.F.	1	P.T.	D.J.	(45)	
HYDRO METER	(GRILNDOW TIVA)	EXT. LIGHT FIXTURE	A.F.F. ABOVE PERSHED PLOOR	TREATED LUMBER	PRESSURE	DOUBLE JOBST	(45) DETECTOR	CARBON MONOXOR
GB	FG	S/U	<b>XXXXX</b>	×	į	×	>	<
GLASS BLOCK	PIXED GLAZING	UNDER SIDE	2 STORY WALL	X POINT LOAD	SUPPORTED MEMBER)	(TO BE SAME WIDTH AS	SOLID BEARING	Mivau acou

PLAN/ELEVATION LEGEND

LOFT PLAN

Ν×

N/A

TOTAL

1910

(m<sup>2</sup>)  $(ft^2)$  TOTAL

 $(ft^2)$ 

1910

1911

FIN. BASEMENT

0

0

TOTAL

 $(ft^2)$ 

1910

1911

DEDUCT O.T.B.

0 1910 1085 825

0

1911

1086 825

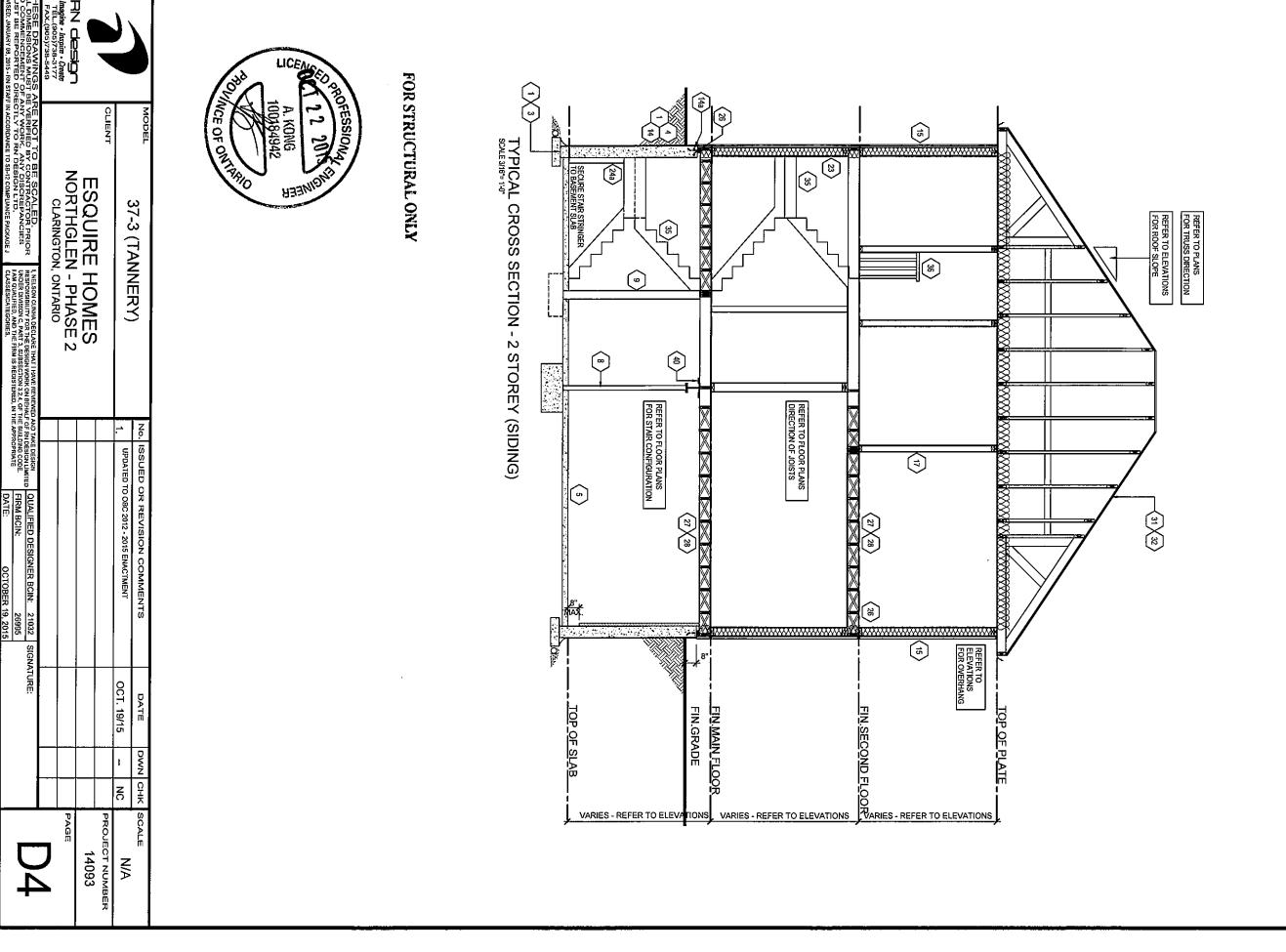
W/O PORCH(m2) COVERAGE (ft2)

1215 177.4

1215 177.5 1911

	<b>)</b>	DRYBR VENT	FIRE PLACE VENT	STOVE VENT	COLD CELLAR VENT (50)	
i	MODEL		TYPE		(50)	)
		9	Œ	)(	⊅-	?
	37_3 /TANNERY	GAS METER	HYDRO METER	(WALL MOUNTED)	EXT. LIGHT PIXTURE	A.T.I. ANOTH LEMENTS FEATURE
,	>	BG	GB	FG	S/U	
		BLACK GLASS	GLASS BLOCK	PEXED GLAZING	UNDER SIDE	COLUMN TANKS
:	Z o			43		
UPDATED TO	ISSUED OF					
요	N			ı		
UPDATED TO OBC 2012 - 2015 ENACTMENT	REVISION COMMENTS	W PORCH (m²)	COVERAGE (II )	COVIED A CT (#2)	W/O PORCH(m <sup>+</sup> )	
C 2012 - 2015 ENACTMENT	No. ISSUED OR REVISION COMMENTS			_	_	
		W/ PORCH (m <sup>2</sup> ) 122.2 121.6	COVERAGE (II )   1315   1309	_	W/O PORCH(m <sup>+</sup> )   112.9   112.9	3
C 2012 - 2015 ENACTMENT OCT. 19/15	DATE			_	_	
				_	_	3

				DATE: OCTOBER 19, 2015	ORIES.	CLASSES/CATEGORIES.	ONO	▼ CLIENT OFECIFIC REVISIONS
[				GCODE. FIRM BCIN: 26995	UNDER DIVISION C, PART 3, SUBSECTION 3.2,4. OF THE BUILDING CODE.  JAM QUALIFIED, AND THE FIRM IS REGISTERED, IN THE APPROPRIATE		12 COMPLIANCE	IN ACCURDANCE TO SB-12 COMPLIANCE PACKAGE J
ر د.			SIGNATURE:	DESIGN QUALIFIED DESIGNER BCIN: 21032 SIGNATURE:	I, NELSON CUNHA DECLARE THAT I HAVE REVIEWED AND TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF RN DESIGN LIMITED		015 - RN STAFF	REVISED: JANUARY 08, 2015 - RN STAFF
フ 3						CLARING ION, ON IARIO		TEL.(905)738-3177 FAX.(905)738-5449
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14093						TOUCH HOMES		
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