REVISIONS

LEONARD KALEHENKO ND ASSOCIATES LIMITE STRUCTURAL ENGREEN

FOR STRUCTURAL

KALISHENKO

05 MAR 2021

ARCHITECTURAL CONTROL

ASSOCIATES

ASSOC/

OF

& ARCHITECTS &

ARCHITECTURAL

DESIGN INC.

FAX 905 660-9419

MANITOU

MODEL 2480

TWO STOREY DWELLING

BASEMENT FLOOR PLAN

AND CROSS SECTION

FOR: LORMEL HOMES

PHASE IV

PROJECT

DRAWING

PROPOSED

AT: INNISFIL

56 PENNSYLVANIA AVE.

UNIT 1 CONCORD, ONT. L4K 3V9

TEL 905 660-9393

Approved

Approved

as Noted

ONLY

DESIGN

DATE

2021-05-03 4:45:23 PM jpenfold

Ø

MIN 6" INTO CONC 42"x42"x20" DEEP

POST ON 24"x24"x12" DEEP CONC

7'-10"

LOWER AREA IF REQUIRED

15'-8"

Ø

LOCATION OF

FURNACE AND R.I.WASHROOM

MAY VARY

BASEMENT

3" CONCRETE SLAB 25 MPa AT 28 DAYS MAX 3" SLUMP 5" GRAVEL

SMOKE

CEILING HEIGHTS OF ROOMS OR SPACES IN RESIDENTIAL OCCUPANCIES AND LIVE/WORK UNITS SHALL CONFORM TO TABLE 9.5.3.1. AREAS IN ROOMS OR SPACES OVER WHICH CEILING HEIGHT IS NOT LESS THAN THE MINIMUM SPECIFIED IN TABLE 9.5.3.1 SHALL BE CONTIGUOUS WITH THE ENTRY OR ENTRIES TO THOSE ROOMS OR SPACES. [OBC 9.5.3.1]

CONCEALED SPACES IN INTERIOR WALLS, CEILINGS AND CRAWL SPACES SHALL BE SEPARATED BY FIRE BLOCKS FROM CONCEALED SPACES IN EXTERIOR WALLS AND ATTIC OR ROOF SPACES. [OBC 9.10.16.1.(1)]

SMOKE ALARMS CONFORMING TO CAN/ULC-S351, "SMOKE ALARMS", SHALL BE INSTALLED IN EACH DWELLING UNIT IN CONFORMANCE WITH OBC 9.10.19.1

THE MINIMUM DEPTH OF FOUNDATIONS BELOW FINISHED GROUND LEVEL SHALL BE IN ACCORDANCE WITH TABLE 9.12.2.2.

DRAIN TILE AND DRAIN PIPE FOR FOUNDATION DRAINAGE SHALL CONFORM TO THE ENTIRE SUBSECTION OBC B.9.14.3

FOOTINGS SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL. [OBC 9.15.3.2]

WHERE THE TOP OF A FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF A MASONRY EXTERIOR INSIALLATION OF A MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE (A) NOT LESS THAN 90 mm THICK, AND (B) TIED TO THE FACING MATERIAL WITH METAL TIES CONFORMING TO OBC 9.20.9.4.(3) SPACED NOT MORE THAN 200 mm 0.C. VERTICALLY, AND 900 mm 0.C. HORIZONTALLY. (C) THE SPACE BETWEEN THE WALL AND THE FACING SHALL BE FILLED WITH MORTAR. [OBC 9.15.4.7.(2)(3)]

ALL WALLS, CEILINGS AND FLOORS SEPARATING HEATED SPACE FROM UNHEATED SPACE, THE EXTERIOR AIR OR THE GROUND SHALL CONFORMING TO SUBSECTIONS 9.25.2. AN AIR BARRIER SYSTEM CONFORMING TO SUBSECTION 9.25.3. AND A VAPOUR BARRIER CONFORMING TO SUBSECTION 9.25.4, AND CONSTRUCTED IN SUCH A WAY THAT THE PROPERTIES AND RELATIVE POSITION OF ALL THE MATERIALS CONFORM TO SUBSECTION 9.25.5

STUCCO SHALL BE NOT LESS THAN 200 mm ABOVE FINISHED GROUND LEVEL EXCEPT WHEN IT IS APPLIED OVER CONCRETE OR MASONRY. [OBC 9.28.1.4]

BEARING CAPACITY OF SOIL SHALL BE CONFIRMED PRIOR TO CONSTRUCTION.

FOR ENGINEERED TRUSS JOISTS, REFER TO ATTACHED MANUFACTURER'S FLOOR

MINIMUM FOOTING WIDTH OR AREA SHALL CONFORM TO TABLE 9.15.3.4.
STEEL COLUMNS SHALL CONFORM TO OBC 9.17.3. WOOD COLUMNS SHALL CONFORM TO OBC 9.17.4. MAXIMUM SPANS OF STEEL BEAMS SUPPORTING FLOORS SHALL CONFORM TO TABLE 9.23.4.3 MAXIMUM SPANS OF STEEL BEAMS SUPPORTING A ROOF AND ONE FLOOR SHALL CONFORM TO TABLES A-20 TO A-29 WOOD FLOOR JOISTS SHALL CONFORM TO

OBC 9.23.9. MAXIMUM SPANS FOR WOOD FLOOR JOISTS SHALL CONFORM TO TABLES A1 AND A-2 OR WITH MANUFACTURER'S SPAN TABLES.
MAXIMUM SPANS FOR BUILT-UP WOOD FLOOR BEAMS SHALL CONFORM TO TABLES A-8

MAXIMUM SPANS FOR LINTELS SHALL CONFORM TO TABLES A-13 THROUGH A-19. FLOORS-ON-GROUND SHALL CONFORM TO CONCRETE SHALL CONFORM TO OBC 9.3.1.

(B.9.15.4.2) CONCRETE FOUNDATION WALLS SHALL HAVE A MINIMUM THICKNESS OF 200 mm (7-7/8") UNLESS OTHERWISE
SPECIFIED. THE MAXIMUM HEIGHT
OF THE FINISHED GRADE ABOVE THE
BASEMENT FLOOR, FOR LATERALLY
SUPPORTED WALLS, SHALL BE AS FOLLOWS: 200 mm (7-7/8") SOLID CONCRETE 240 mm (9-1/2") CONCRETE BLOCK 290 mm (11-3/8") CONCRETE BLOCK

A SUBSURFACE INVESTIGATION, INCLUDING GROUNDWATER CONDITIONS, SHALL BE CARRIED OUT, BY OR UNDER THE DIRECTION OF A PERSON HAVING KNOWLEDGE AND EXPERIENCE IN PLANNING AND EXECUTING SUCH INVESTIGATIONS TO A DEGREE APPROPRIATE FOR THE BUILDING AND ITS USE, THE GROUND AND THE SURROUNDING SITE CONDITIONS. IN CONFORMANCE WITH OBC 4.2.2.1. TERMITE AND DECAY PROTECTION FOR LUMBER AND WOOD PRODUCTS SHALL CONFORM TO OBC 9.3.2.9.(6)

STRUCTURAL MEMBERS AND THEIR

CONNECTIONS SHALL CONFORM TO OBC 9.4.1. THE CLEAR HEIGHT OVER STAIRS MEASURED

VERTICALLY FROM A LINE DRAWN THROUGH THE LEADING EDGES OF THE TREADS SHALL BE NOT LESS THAN 1,950 mm, WITHIN

DWELLING UNITS [OBC 9.8.2.2] DIMENSIONS FOR RECTANGULAR TREADS RISE MAX. 200 mm, MIN. 125 mm RUN MAX. 355 mm, MIN. 210 mm TREAD DEPTH MAX. 355 mm, MIN. 235 mm

A HANDRAIL SHALL BE PROVIDED ...

(A) ON AT LEAST ONE SIDE OF STAIRS OR RAMPS LESS THAN 1,100 mm IN WIDTH,

(B) ON 2 SIDES OF CURVED STAIRS OR RAMPS OF ANY WIDTH, EXCEPT CURVED STAIRS WITHIN DWELLING UNITS, AND (C) ON 2 SIDES OF STAIRS OR RAMPS

(A) INTERIOR STAIRS OR FAMILY 1,100 mm IN WIDTH OR GREATER.

HANDRAILS ARE NOT REQUIRED FOR ...

(A) INTERIOR STAIRS HAVING NOT MORE THAN 2 RISERS AND SERVING A SINGLE DWELLING UNIT, OR

(B) EXTERIOR STAIRS HAVING NOT MORE THAN 3 RISERS AND SERVING A SINGLE DWELLING UNIT. [OBC 9.8.7.1]

BOTTOM PLATE FIN 2ND FLOOR - DOUBLE WOOD PLATE **FAMILY ROOM** 2"x6" STUDS AT 16" O/C 1/2" DRYWALL BOTH SIDES FIN 1ST FLOOR 2"x4" WOOD PLATE ON SILL GASKET 1/2"Ø ANC BOLTS AT 6'-8" O/C MIN 4" INTO CONC SLAB CROSS SECTION

- DOUBLE WOOD PLATE

THE HEIGHT OF HANDRAILS ON STAIRS AND RAMPS SHALL BE NOT LESS THAN 865 mm AND NOT MORE THAN 965 mm. [B 9.8.7.4]

WD PLATE

EXTERIOR CONCRETE STAIRS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE SUPPORTED ON UNIT MASONRY OR CONCRETE
WALLS OR PIERS NOT LESS THAN 150 mm THE MAIN FOUNDATION WALL. [OBC 9.8.9.2]

GRANULAR MATERIAL USED TO DRAIN THE BOTTOM OF A FOUNDATION SHALL CONFORM WHERE A FOUNDATION IS ERECTED ON FILLED GROUND, PEAT OR SENSITIVE CLAY, THE FOOTING SIZES SHALL CONFORM TO

TO OBC SECTION 4.2. [OBC 9.15.1.1.(3)] LINTELS AND ARCHES THAT SUPPORT MASONRY SHALL CONFORM TO OBC 9.20.5

THE LENGTH OF END BEARING OF BEAMS THAT ARE SUPPORTED ON MASONRY SHALL
BE NOT LESS THAN 90 mm. THE LENGTH OF END BEARING OF FLOOR, ROOF OR CEILING
JOISTS THAT ARE SUPPORTED ON MASONRY SHALL BE NOT LESS THAN 40 mm. [OBC 9.20.8.3]

WOOD BEAMS SHALL HAVE AN EVEN AND LEVEL BEARING AND SHALL HAVE NOT LESS THAN 89 mm LENGTH OF BEARING AT END SUPPORTS. [OBC 9.23.8.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A BASEMENT FORMING PART OF A DWELLING UNIT. [OBC 9.31.4.4]

CAPACITY AND SOUND RATINGS FOR REQUIRED FANS SHALL CONFORM TO OBC 9.32.3.9. 3-WAY WALL SWITCHES LOCATED AT THE HEAD AND FOOT OF EVERY STAIRWAY SHALL BE PROVIDED TO CONTROL AT LEAST ONE LIGHTING OUTLET WITH FIXTURE FOR STAIRWAYS WITH 4 OR MORE RISERS IN DWELLING UNITS. [OBC 9.34.2.3(2)]

A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED FOR EACH 30 m² OF FLOOR AREA OR FRACTION OF IT IN UNFINISHED BASEMENTS. [OBC 9.34.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED IN STORAGE ROOMS. [OBC 9.34.2.5] REINFORCED CONCRETE SLABS SHALL CONFORM TO OBC B 9.40.1.4

EXCEPT FOR DOORS ON ENCLOSED UNHEATED VESTIBULES AND COLD CELLARS, AND EXCEPT FOR THE GLAZED PORTIONS OF DOORS, ALL DOORS THAT SEPARATE HEATED SPACE FROM UNHEATED SPACE SHALL HAVE A THERMAL RESISTANCE OF NOT LESS THAN RSI 0.7
WHERE A STORM DOOR IS NOT PROVIDED. [OBC B 12.3.2.7]

THE MAXIMUM DEFLECTION OF STRUCTURAL MEMBERS SHALL CONFORM TO TABLE 9.4.3.1.

COMBINATION ROOMS SHALL CONFORM TO

WINDOWS DOORS AND SKYLIGHTS SHALL CONFORM TO OBC SECTION 9.7

UNIFORMITY AND TOLERANCES FOR RISERS AND TREADS SHALL CONFORM TO OBC 9.8.4.4.

THE DEPTH OF A RECTANGULAR TREAD SHALL BE IN COMPLIANCE WITH OBC 9.8.4.1.

LANDINGS SHALL BE PROVIDED IN CONFORMANCE WITH OBC 9.8.6.2.

DIMENSIONS OF REQUIRED LANDINGS SHALL CONFORM TO OBC 9.8.6.3.

THE CLEARANCE BETWEEN A HANDRAIL AND ANY SURFACE BEHIND IT SHALL BE NOT LESS THAN 50 mm. ALL HANDRAILS SHALL BE CONSTRUCTED SO AS TO BE CONTINUALLY GRASPABLE ALONG THEIR ENTIRE LENGTH WITH NO OBSTRUCTION ON OR ABOVE THEM TO BREAK A HANDHOLD, EXCEPT WHERE THE HANDRAIL IS INTERRUPTED BY NEWELS AT CHANGES IN DIRECTION. [OBC 9.8.7.5]

THE DESIGN AND ATTACHMENT OF HANDRAILS AND ANY BUILDING ELEMENT THAT COULD BE USED AS A HANDRAIL SHALL CONFORM TO

ALL GUARDS WITHIN DWELLING UNITS SHALL BE NOT LESS THAN 900 mm HIGH. [OBC 9.8.8.3]

LOADS ON STAIRS AND RAMPS SHALL CONFORM TO OBC 9.8.9.1.

THE FINISH FOR TREADS, LANDINGS AND RAMPS SHALL CONFORM TO OBC 9.8.9.6. FIRE BLOCKS MATERIALS SHALL CONFORM TO

SMOKE ALARMS CONFORMING TO CAN/ULC-S351, "SMOKE ALARMS", SHALL BE INSTALLED IN EACH DWELLING UNIT IN CONFORMANCE WITH OBC 9.10.19.

FIREPLACE INSERTS AND HEARTH-MOUNTE STOVES SHALL CONFORM TO OBC 9.22.10. ANCHORAGE OF COLUMNS AND POSTS SHALL

WALL STUD SIZE AND SPACING SHALL CONFORM TO OBC 9.23.10.1.

CONFORM TO OBC 9.23.6.2.

STUD POSTS BUILT INTO WALLS SHALL CONFORM TO OBC 9.23.10.7.

VAPOUR BARRIER MATERIALS SHALL CONFORM

CONFORM TO OBC 9.25.4.3. ALL PLUMBING FACILITIES AND SYSTEMS SHALL COMPLY WITH OBC SECTION 9.31.

VAPOUR BARRIER INSTALLATION SHALL

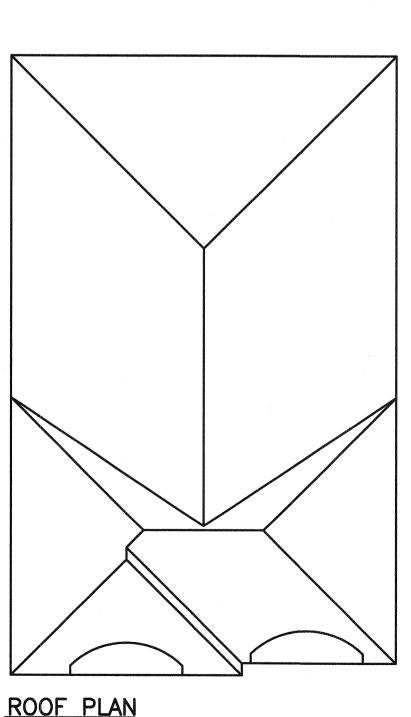
ALL NATURAL VENTILATION OF ROOMS AND SPACES, AND SELF—CONTAINED MECHANICAL VENTILATION SYSTEMS SHALL COMPLY WITH

ALL HEATING AND
ALL AIR—CONDITIONING SYSTEMS AND CENTRAL HEATING SYSTEMS INCLUDING REQUIREMENTS FOR COMBUSTION AIR SHALL COMPLY WITH

INSTALLED IN CONFORMANCE WITH OBC 9.33.4. ALL ELECTRICAL FACILITIES AND OUTLETS SHALL CONFORM TO OBC SECTION 9.34.

CARBON MONOXIDE ALARMS SHALL BE

COLUMNS THAT SUPPORT A DECK WITH NO SUPERSTRUCTURE NEED NOT BE PROVIDED WITH LATERAL SUPPORT WHERE THE COLUMNS ARE NOT MORE THAN 600 mm IN LENGTH AS MEASURED FROM THE FINISHED GROUND TO THE UNDERSIDE OF THE SUPPORTED MEMBER. [OBC 9.17.2.2.(3)]



ELEVATION 'B'

APPROVED TRUSSES AT 24" 0/0

RSI 10.56 (R60)

6 MIL POLY V.B. 5/8" DRYWALL

FINISHED FLOOR - ON 5/8" T & G ASPENITE SUBFLOOR

FLOOR JOISTS (SEE PLAN)

BEDROOM 4

KITCHEN

FINISHED FLOOR ON 5/8" T & G ASPENITE SUBFLOOR

RSI 3.52 (R20 c.i.) BLANKET
WITH 6 MIL POLY V.B.
(LAMINATED) FASTENED TO—
POURED CONCRETE WALL
IF FRAMED RSI 0.88 (R5 ci)
+ 2x6 © 16" RSI 3.52 (R20)

FLOOR JOISTS (SEE PLAN)

PROVIDE FREE VENT AREA OF NOT LESS THAN 1/300 OF INSULATED CEILING AREA 0/50 SOFFIT & ROOF VENTS

AIR-VAPOUR BARRIER -

2"x4" STUDS AT 16" O/C 1/2" DRYWALL BOTH SIDES

DINETTE

_ 1"x4" WOOD RIBBON BOTH SIDES OF BEAM

BASEMENT

3" CONCRETE SLAB

TO BE CONTINUOUS ABOVE INTERIOR WALLS

MASTER

BEDROOM

SELF—SEALING COMPOSITE MEMBRANE OF POLYETHYLENE AND BITUMINOUS MATERIAL SHALL EXTEND A MINIMUM OF 2'-11" UP THE ROOF SLOPE TO A LINE NOT LESS THAN 11-3/4" INSIDE INNER FACE OF EXTERIOR MALL

ALUMINUM SOFFIT, FASCIA

- 4" FACE BRICK BRICK TIES AT 16" O/C HORIZ AND 24" O/C VERT NAILED TO STUDS THROUGH SHEATHING

1" AIR SPACE ASPHALT PAPER (TO OVERLAP) SHEATHING (ALL JOINTS TO BE SEALED TO PROVIDE

RSI 3.87 (R22) INSULATION + 6 VAPOUR BARRIER ON WARMSIDE JOINTS SEALED, OR LAPPED

3/8" WEEP HOLES AT 24" O/C AT BOTTOM OF BRICK COURSE 6 MIL POLY BASE FLASHING

BENEATH WEEP HOLES AND 6"

8" POURED CONCRETE

WATERPROOFED WITH BITUMINOUS COMPOUND

4"# WEEPING TILE UNDER 6" STONE BED

AT LEAST 4" AND CLAMPED

1/2" DRYWALL JOINTS TAPED AND SANDED

CONTINUOUS AIR BARRIER)
2"x6" STUDS AT 16" O/C

20"x6" CONCRETE ABOVE UNEXCAVATED (REMOVE TOPSOIL) WALL BETWEEN BASEMENT AND COLD CELLAR INSULATED WITH RSI 3.52 (R-20) FIBREGLASS WITH 6 MIL POLY V.B. (LAMINATED) FASTENED TO 18'--0" EXT TYPE DOOR WITH W/STRIP --- D.O. D.O. -DROP FOUNDATION WALL COLD CELLAR -32 MPg AT 28 DAYS MIN 3/4" CONC COVER 4'-2" 18'-6" 31'--4" BASEMENT FLOOR PLAN

STRUCTURAL LEGEND

• C1 - DENOTES 3 ½ Ø HSS C/W ¾ TOP PLATE

& 8" x ½ x 8" BOT. PLATE + 2 - ½" Ø ANCHORS

J1 - 9 ♣" NI - 40x (PREFAB JOISTS) AT 16" O/C (TYP. U/N) ALL WOOD BEAMS - LVL 1-2x 9 ½" (B1) TYP. U/N

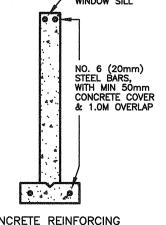
ALL INTERIOR & EXTERIOR WALL FOOTINGS - 22" x 6" STRIP FOOTINGS

PROVIDE CONTINUOUS 2-2x6 @ 12" O/C CONTINUOUS WITH 🖢 PLYWOOD GLUED -NAILED FROM FIRST FLOOR CONNECTED TO ROOF STRUCTURE AT STAIRWELL OPENING AT EXTERIOR WALLS

FOR JOISTS & WOOD BEAM LAYOUT, SEE TAMARACK LUMBER DWG'S

ALL ♣ PLATES FOR BRICK SUPPORT SHOULD BE STRUCTURALLY WELDED TO STEEL

PROVIDE 3-2x6 OR 4-2x4 POSTS UNDER EACH WOOD BEAM (B1) BEARINGS PROVIDE DOUBLE STUDS AT EACH END OF WOOD LINTELS BEARINGS (TYP. U/N)



CONCRETE REINFORCING FOR ALL BASEMENT WALLS

PLACED BELOW WINDOW SILL

LOT

38'

JAN '21 19-66 N.L. DRAWING NO

HECKED 3/16"=1'-0"

2021-05-03 4:46:22 PM jpenfold

Town of Innisfil Building Dept Notes: All smoke alarms and CO detectors shall

comply with O.B.C 9.10.19 and 9.33.4 Main bathroom shall be designed as per 9.5.2

All construction subject to review by Town **Building Inspectors**

See comments on permi

EXHAUST DUCTS CONNECTED TO LAUNDRY DRYING EQUIPMENT SHALL BE ...
(A) INDEPENDENT OF OTHER EXHAUST DUCTS,
(B) DESIGNED AND INSTALLED SO THAT THE ENTIRE DUCT CAN BE CLEANED, AND (c) CONSTRUCTED OF MATERIAL THAT IS SMOOTH AND CORROSION-RESISTANT. [OBC 6.2.3.8.(7)]

THE COMPRESSIVE STRENGTH OF UNREINFORCED CONCRETE AFTER 28 DAYS SHALL BE NOT LESS THAN ...
(A) 32 MPa FOR GARAGE FLOORS, CARPORT FLOORS AND ALL EXTERIOR FLATWORK. (B) 25 MPa FOR INTERIOR FLOORS, AND

CONCRETE USED FOR GARAGE AND CARPORT FLOORS AND EXTERIOR STEPS SHALL HAVE AIR ENTRAINMENT OF 5 TO 8%. [OBC 9.3.1.6]

IF WOOD OR SHEET STEEL WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE CONFORMANCE WITH OBC 9.5.2.3

WINDOWS, DOORS AND SKYLIGHTS SHALL CONFORM TO OBC B.9.7

A DOOR BETWEEN AN ATTACHED OR BUILT-IN GARAGE AND A DWELLING UNIT SHALL BE TIGHT FITTING AND WEATHERSTRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE PASSAGE OF GASSES AND EXHAUST FUMES AND SHALL BE FITTED WITH A SELF—CLOSING DEVICE OBC 9.10.15.13.

A HANDRAIL SHALL BE PROVIDED (A) ON AT LEAST ONE SIDE OF STAIRS OR RAMPS LESS THAN 1,100 mm IN WIDTH,

(B) ON 2 SIDES OF CURVED STAIRS OR RAMPS OF ANY WIDTH, EXCEPT CURVED STAIRS WITHIN DWELLING UNITS, AND (C) ON 2 SIDES OF STAIRS OR RAMPS

1.100 mm IN WIDTH OR GREATER. HANDRAILS ARE NOT REQUIRED FOR ...
(A) INTERIOR STAIRS HAVING NOT MORE THAN 2 RISERS AND SERVING A SINGLE (B) EXTERIOR STAIRS HAVING NOT MORE THAN 3 RISERS AND SERVING A SINGLE DWELLING UNIT. [OBC 9.8.7.1]

THE HEIGHT OF HANDRAILS ON STAIRS AND RAMPS SHALL BE NOT LESS THAN 865 mm AND NOT MORE THAN 965 mm. [B.9.8.7.4.]

GUARDS SHALL CONFORM TO OBC 9.8.8.1 AND SHALL RESIST LOADS IN CONFORMANCE

WHERE A GARAGE IS ATTACHED TO OR BUILT INTO A BUILDING OF RESIDENTIAL OCCUPANCY, (A) AN AIR BARRIER SYSTEM IN CONFORMANCE OBC 9.25.3, SHALL BE INSTALLED BETWEEN THE GARAGE AND THE REMAINDER OF THE BUILDING TO PROVIDE AN EFFECTIVE BARRIER TO GAS AND EXHAUST FUMES, AND

(B) EVERY DOOR BETWEEN THE GARAGE AND
THE REMAINDER OF THE BUILDING SHALL
CONFORM TO OBC 9.10.13.15.

A DOOR BETWEEN AN ATTACHED OR BUILT-IN GARAGE AND A DWELLING UNIT SHALL BE TIGHT-FITTING AND WEATHERSTRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE AND SHALL BE FITTED WITH A SELF-CLOSING DEVICE. [OBC 9.10.13.15]

FACTORY-BUILT FIREPLACES AND THEIR INSTALLATION SHALL CONFORM TO CAN/ULC-S610-M, "FACTORY-BUILT FIREPLACES". [OBC 9.22.8.1]

LAUNDRY FACILITIES OR A SPACE FOR LAUNDRY FACILITIES SHALL BE PROVIDED IN EVERY DWELLING UNIT OR GROUPED ELSEWHERE IN THE BUILDING IN A LOCATION CONVENIENTLY ACCESSIBLE TO OCCUPANTS OF EVERY DWELLING UNIT. [9.31.4.2]

A CLOTHES DRYER EXHAUST DUCT SYSTEM SHALL CONFORM TO PART 6. [OBC 9.32.1.1]

AN EXHAUST AIR INTAKE SHALL BE INSTALLED IN EACH KITCHEN, BATHROOM AND WATER CLOSET ROOM. [OBC 9.32.3.5(2)]

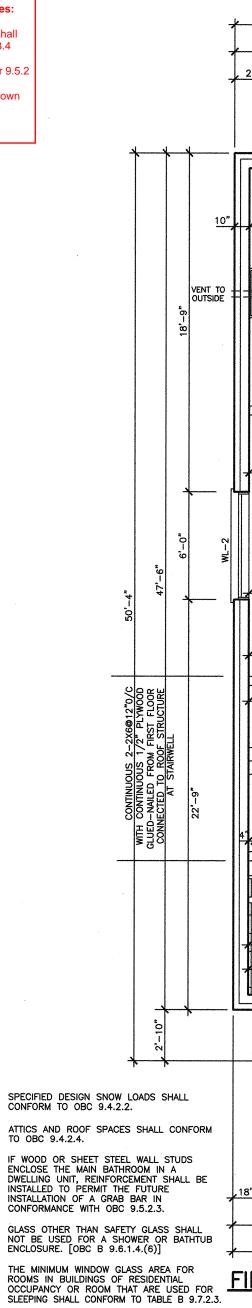
EXCEPT FOR CLOTHES DRYERS, EXHAUST OUTLETS SHALL BE FITTED WITH SCREENS OF MESH NOT LARGER THAN 15 mm, EXCEPT WHERE CLIMATIC CONDITIONS MAY REQUIRE LABOUR OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T LARGER OPENINGS. [OBC 9.32.3.12.(10)]

THE DESIGN, CONSTRUCTION AND INSTALLATION, INCLUDING THE PROVISION OF COMBUSTION AIR, OF SOLID-FUEL BURNING APPLIANCES AND EQUIPMENT, INCLUDING STOVES, COOK TOPS AND SPACE HEATERS, SHALL CONFORM TO CAN/CSA-B365-M, "INSTALLATION CODE FOR SOLID-FUEL-BURNING APPLIANCES AND EQUIPMENT". [OBC B.9.33.1.2]

A LIGHTING OUTLET WITH FIXTURE CONTROLLED BY A WALL SWITCH SHALL BE PROVIDED IN KITCHENS, UTILITY ROOMS, LAUNDRY ROOMS, DINING ROOMS, BATHROOMS, WATER-CLOSET DINING ROUMS, BAITROOMS, WAIER-CLOSE, ROOMS, VESTIBULES AND HALLWAYS, AS WELL AS IN BEDROOMS AND LIVING ROOMS THAT ARE NOT PROVIDED WITH A RECEPTACLE THAT IS CONTROLLED BY A WALL SWITCH.

3-WAY WALL SWITCHES LOCATED AT THE HEAD AND FOOT OF EVERY STAIRWAY SHALL BE PROVIDED TO CONTROL AT LEAST ONE LIGHTING OUTLET WITH FIXTURE FOR STAIRWAYS WITH 4 OR MORE RISERS IN DWELLING UNITS. [OBC 9.34.2.3(2)]

A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED FOR AN ATTÁCHED, BUILT—IN OR DETACHED GARAGE OR CARPORT. [OBC 9.34.2.6]



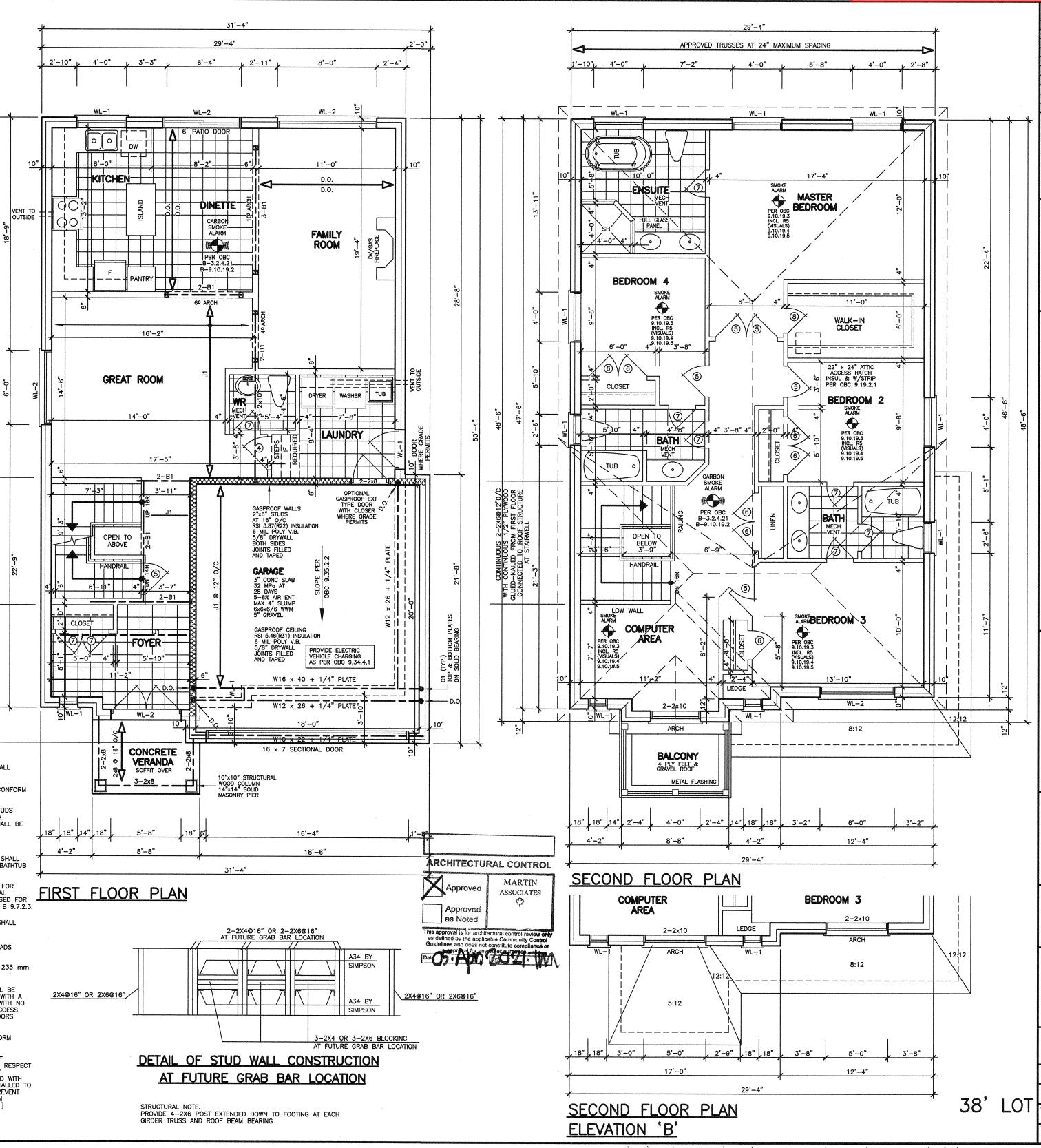
WINDOWS, DOORS AND SKYLIGHTS SHALL CONFORM TO OBC B.9.7

DIMENSIONS FOR RECTANGULAR TREADS RISE MAX. 200 mm, MIN. 125 mm RUN MAX. 355 mm, MIN. 210 mm TREAD DEPTH MAX. 355 mm, MIN. 235 mm

EVERY ATTIC OR ROOF SPACE SHALL BE PROVIDED WITH AN ACCESS HATCH WITH A MINIMUM AREA OF 0.32 sm AND WITH NO DIMENSION LESS THAN 545 mm. ACCESS HATCHES SHALL BE FITTED WITH DOORS OR COVERS. [OBC 9.19.2.1]

WOOD ROOF TRUSSES SHALL CONFORM TO OBC 9.23.13.11.

ROOFS AND OTHER PLATFORMS THAT EFFECTIVELY SERVE AS ROOFS WITH RESPECT TO ACCUMULATION OR DRAINAGE OF PRECIPITATION, SHALL BE PROTECTED WITH ROOFING, INCLUDING FLASHING, INSTALLED TO SHED RAIN EFFECTIVELY AND TO PREVENT WATER, DUE TO ICE DAMMING, FROM ENTERING THE ROOF. [OBC 9.26.1.1]



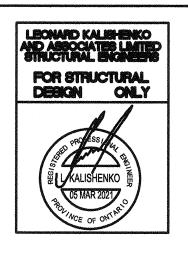
REVISIONS REVISED PER CLIENT REVIEW OC 21 2 REVISED PER CLIENT REVIEW OC 23 20 COPIED FROM 2020 JA 18 2

ABOVE-GRADE MASONRY SHALL BE IN ACCORDANCE WITH O.B.C. SECTION 9.20

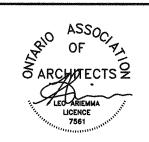
WOOD FRAME CONSTRUCTION SHALL BE IN ACCORDANCE WITH O.B.C. SECTION 9.23

1st FLOOR = 1098.67 SF 102.07 SM = 1389.67 SF 2nd FLOOR 129.10 SM (-OPENINGS) =-8.44 SF -0.78 SM TOTAL = 2479.90 SF

= 230.39 SM = 1494.23 SF COVERAGE = 138.82 SM







ARCHITECTURAL DESIGN INC.

56 PENNSYLVANIA AVE. UNIT 1 CONCORD, ONT. L4K 3V9 TEL 905 660-9393 FAX 905 660-9419

MANITOU MODEL 2480

PROJECT **PROPOSED** TWO STOREY DWELLING

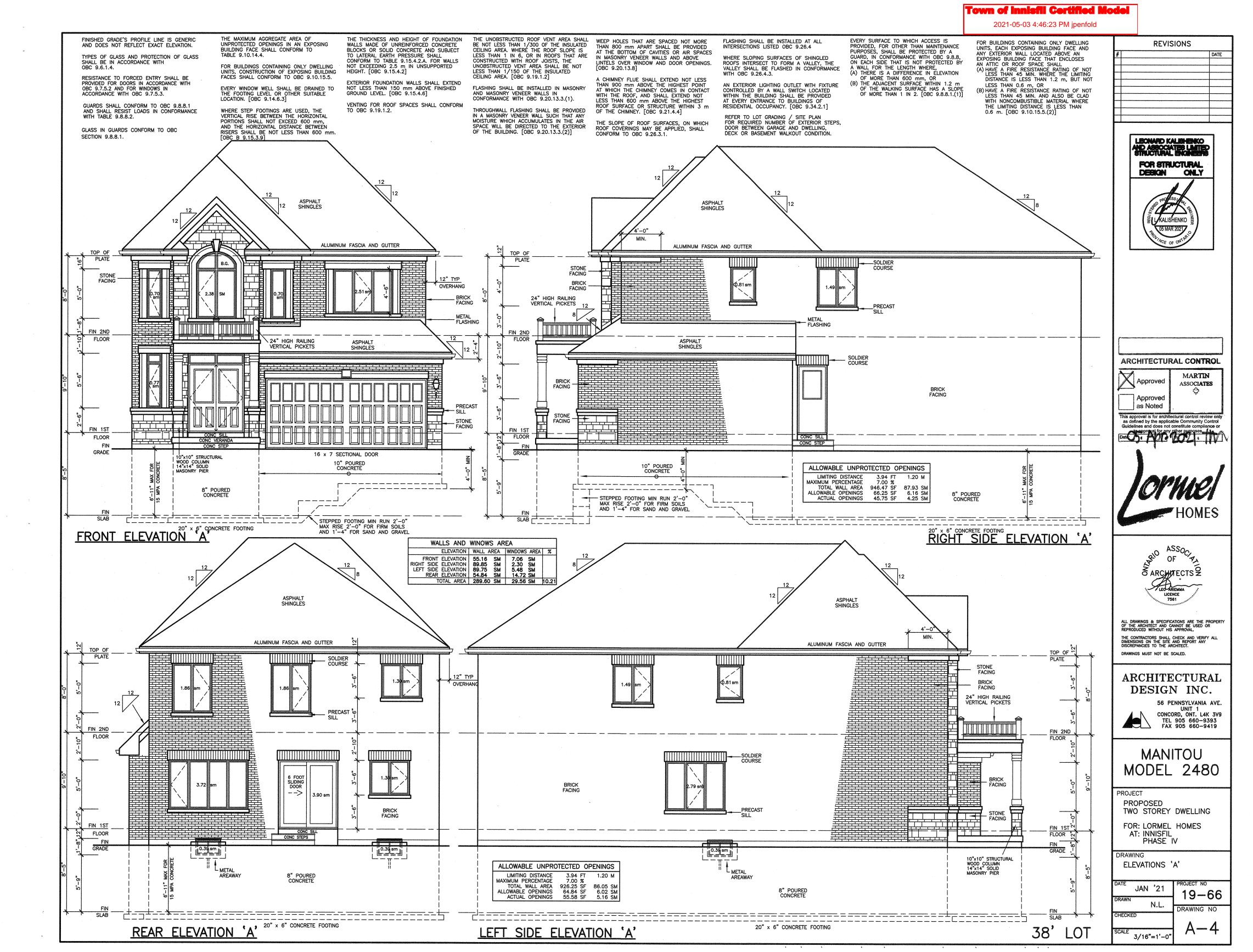
FOR: LORMEL HOMES AT: INNISFIL

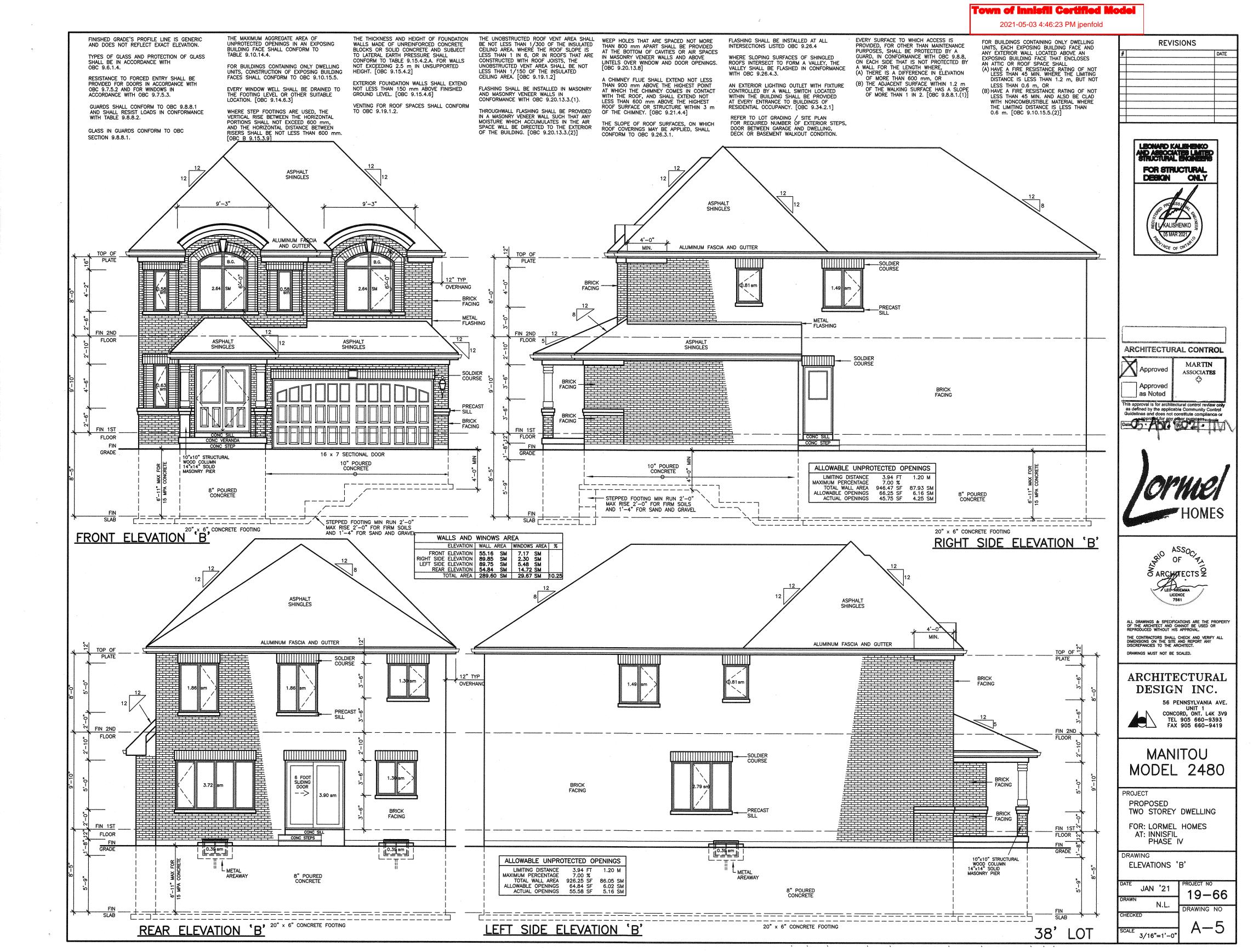
PHASE IV DRAWING

FIRST AND SECOND

FLOOR PLANS JAN '21 19-66 PRAWING NO

A-33/16"=1'-0"





<u>FOOTINGS AND SLABS</u>

FOOTINGS AND FOUNDATIONS TO COMPLY WITH O.B.C. SECTION 9.15 CONCRETE SLABS USED FOR GARAGE AND CARPORT FLOORS AND EXTERIOR VERANDAS AND STEPS, SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 32 MPa (4,650 ps) AFTER 28 DAYS, AIR ENTRAINMENT OF 5% TO 8% AND A SLUMP OF NOT MORE THAN 100 mm (4").

THE TOPSOIL AND VEGETABLE MATTER IN ALL UNEXCAVATED AREAS UNDER A BUILDING SHALL BE REMOVED.

SOIL ALLOWABLE BEARING PRESSURE 3500 PSF TO BE CONFIRMED ON SITE BY SOIL ENGINEER PRIOR TO POURING OF FOOTINGS.

SOIL CAPACITY TO BE CONFIRMED ON SITE BY SOIL ENGINEER BEFORE HABITABLE ROOMS ON CONCRETE SLABS SHALL BE DAMPPROOFED WITH A MEMBRANE OF POLYETHYLENE WITH A THICKNESS OF NOT LESS THAN 0.15 mm (0.006") AND JOINTS SHALL BE LAPPED NOT LESS THAN 300 mm (11-3/4"). IN LIEU OF DAMPPROOFING, SUCH ROOMS SHALL SHALL BE BUILT ON CONCRETE SLABS THAT HAVE COMPRESSIVE STRENGTH OF NOT LESS THAN 25 MPa (3,600 ps) AFTER 28 DAYS.

STEPPED FOOTINGS SHALL HAVE A MINIMUM RUN OF 600 mm $(23-5/8^{\circ})$ AND SHALL HAVE A MAXIMUM RISE OF 600 mm $(23-5/8^{\circ})$ FOR FIRM SOILS AND 400 mm $(15-3/4^{\circ})$ FOR SAND OR GRAVEL

CONCRETE FOUNDATION WALLS

CONCRETE BLOCK FOUNDATION WALLS SHALL BE PARGED BELOW GROUND LEVEL WITH A MINIMUM OF 6 mm (1/4") OF MORTAR AND SHALL BE COVED OVER THE FOOTING WHEN THE FIRST COURSE OF BLOCK IS LAID.

CONCRETE FOUNDATION WALLS SHALL HAVE A MINIMUM THICKNESS OF 200 mm (8") UNLESS OTHERWISE SPECIFIED. THE MAXIMUM HEIGHT THE FINISHED GRADE ABOVE THE BASEMENT FLOOR, FOR LATERALLY SUPPORTED WALLS, SHALL BE AS FOLLOWS:

200 mm (7-7/8") POURED CONCRETE2.1 m (6"-11")

240 mm (9-1/2") CONCRETE BLOCK 1.8 m (5"-11")

290 mm (11-3/8") CONCRETE BLOCK 2.2 m (7"-3")

WHEN A FOUNDATION WALL CONTAINS AN OPENING MORE THAN 1.2 m (3"-11") IN LENGTH OR CONTAINS OPENINGS IN MORE THAN 25% OF ITS LENGTH, THAT PORTION OF THE WALL BENEATH SUCH OPENINGS SHALL BE CONSIDERED LATERALLY UNSUPPORTED AND SHALL BE REINFORCED.

POURED CONCRETE WALLS SHALL BE REINFORCED WITH 10 mm (3/8") DIAMETER BARS EXTENDING 300 mm (12") PAST OPENING ON EACH SIDE. FOUNDATION WALLS SHALL BE ADEQUATELY BRACED PRIOR TO BACKFILLING

BASEMENT COLUMNS AND BEARING WALLS

STEEL COLUMNS SHALL BE FITTED WITH STEEL PLATES AT BOTH ENDS THAT ARE NOT LESS THAN 100 mm x 100 mm (4 x 4) By 9.5 mm (3/8°) THICK, AND WHERE THE COLUMN SUPPORTS A WOOD BEAM, THE TOP PLATE SHALL EXTEND ACROSS THE FULL WIDTH OF THE BEAM. STEEL COLUMN BOTTOM PLATES SHALL BE ANCHORED TO CONCRETE FOOTINGS WITH A MINIMUM OF TWO 13 mm (1/2") DIAMETER ANCHOR BOLTS A MINIMUM DEPTH OF 100 mm (4") INTO FOOTING.

STEEL COLUMN TOP PLATES SHALL BE FASTENED WITH A MINIMUM OF TWO 13 mm (1/2") DIAMETER BOLTS (FOR WOOD BEAMS) AND WELDED TO BEAM FLANGES (FOR STEEL BEAMS). INTERIOR BEARING STUD PARTITIONS SHALL BE 38 mm x 89 mm (2"x4") SPRUCE AT 400 mm OR 38 mm x 140 mm (2"x6") SPRUCE AT 400 mm (16") O.C. UNLESS NOTED OTHERWISE, ON 6 MIL POLYETHYLENE ON 200 mm (8") HIGH POURED CONCRETE OR CONCRETE BLOCK CURB ON 300 mm x 200 mm (14"x8") CONCRETE FOOTINGS WITH DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE ANCHORED TO CONCRETE CURB AT 2030 mm (6"-8") O.C.

BEAMS AND JOISTS WHICH ARE FRAMED INTO A MASONRY OR CONCRETE FIRE SEPARATION SHALL NOT REDUCE THE THICKNESS OF THAT FIRE SEPARATION TO LESS THAN 100 mm (4") OF MASONRY OR CONCRETE. FOAMED PLASTICS WHICH FORM PART OF A WALL OR CEILING ASSEMBLY SHALL BE PROTECTED FROM ADJACENT HABITABLE SPACES BY GYPSUM BOARD OR EQUIVALENT NON-COMBUSTIBLE MATERIAL.

MASONRY VENEER WALLS

MASONRY VENEER RESTING ON A BEARING SUPPORT SHALL BE OF SOLID UNITS WITH A MINIMUM THICKNESS OF 70 mm (2-3/4") TO A MAXIMUM HEIGHT OF 11 m (36'-1").

MASONRY VENEER SHALL BE TIED TO WOOD FRAMING MEMBERS WITH CORROSION-RESISTANT STRAPS, WITH A MINIMUM THICKNESS OF 0.76 mm (0.030") AND A MINIMUM WIDTH OF 22 mm (7/8"). STRAPS SHALL BE SPACED AT 600 mm (15-3/4") O.C. VERTICALLY AND 400 mm (15-3/4") O.C. HORIZONTALLY AND SHALL BE NAILED TO THE WOOD STUDS THROUGH MASONRY VENEER RESTING ON A BEARING SUPPORT SHALL NOT PROJECT MORE THAN 25 mm (1") WHERE THE VENEER IS AT LEAST 90 mm (3-1/2") THICK, AND 12 mm (1/2") WHERE THE VENEER IS LESS THAN 90 mm (3-1/2") THICK.

WEEP HOLES SHALL BE PROVIDED ABOVE ALL OPENINGS, AT ROOF/WALL INTERSECTIONS AND AT THE BOTTOM OF MASONRY VENEER WALLS. THESI HOLES SHALL BE 10 mm (3/8") AND SHALL HAVE A MAXIMUM SPACING OF 800 mm (2"-7") O.C.

WEEP HOLES AT THE BOTTOM OF MASONRY VENEER WALLS SHALL BE PROVIDED WITH FLASHING THAT EXTENDS FROM A POINT A MINIMUM OF 5 mm (3/16") BEYOND THE OUTER FACE OF THE SUPPORTING WALL TO A POINT A MINIMUM OF 150 mm (5-7/8") UP BEHIND THE SHEATHING PAPER. IF SUCH FLASHING IS FLEXIBLE, IT SHALL BE PROVIDED WITH CONTINUOUS SUPPORT. ABOVE-GRADE MASONRY TO COMPLY WITH O.B.C. SECTION 9.20

WOOD FRAMING

SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WALL WITH ANCHOR BOLTS THAT HAVE A MINIMUM DIAMETER OF 12.7 mm (1/2") AND SPACED A MAXIMUM OF 2.4 m ($^{-1}$ -10") C.C. THESE ANCHOR BOLTS SHALL BE PROVIDED WITH NUTS AND WASHERS AND SHALL BE EMBEDDED A MINIMUM OF 100 mm (4 ") IN THE FOUNDATION.

BEAMS SHALL HAVE EVEN AND LEVEL BEARING WITH A MINIMUM LENGTH OF BEARING OF 89 mm (3-1/2") AT END SUPPORTS. ALL FLOOR JOISTS, CEILING JOISTS, ROOF JOISTS AND RAFTERS SHALL HAVE A MINIMUM END BEARING LENGTH OF 38 mm (1-1/2").

WALL PLATES SHALL BE NOT LESS THAN 38 mm (1-1/2") THICK AND SHALL BE THE SAME WIDTH AS THE WALL STUDS. NO FEWER THAN TWO TOP PLATES SHALL BE PROVIDED IN LOADBEARING WALLS.

WHERE FLOOR SHEATHING SUPPORTS CERAMIC TILES, IT SHALL BE REINFORCED IN ACCORDANCE WITH O.B.C. SECTION 9.30.6 SOLID BLOCKING SHALL BE PROVIDED UNDER ALL CONCENTRATED LOADS.

ROOF CONSTRUCTION

NATURAL AND MECHANICAL VENTILATION ROOMS IN DWELLING UNITS VENTILATED BY NATURAL MEANS SHALL HAVI MINIMUM UNOBSTRUCTED OPENABLE VENTILATION AREAS AS FOLLOWS:

BATHROOMS UNFINISHED BASEMENTS O.2% OF FLOOR AREA ALL OTHER ROOMS 0.2% OF FLOOR AREA 0.28 m² (3.00 ft²) INSULATION, AIR AND VAPOUR BARRIERS

THERMALLY INSULATED WALL, CEILING AND FLOOR ASSEMBLIES SHALL B PROVIDED WITH A CONTINUOUS BARRIER TO AIR LEAKAGE AND WATER VAPOUR DIFFUSION FROM THE INTERIOR OF THE BUILDING INTO WALL, FLOOR, ATTIC AND ROOF SPACES. FOAMED INSULATION MUST BE PROTECTED ON INTERIOR SURFACES BY GYPSUM BOARD OR EQUIVELANT NON-COMBUSTIBLE MATERIAL

BASEMENT

BEARING CAPACITY OF SOIL SHALL BE CONFIRMED PRIOR TO CONSTRUCTION. FOR ENGINEERED TRUSS JOISTS, REFER TO ATTACHED MANUFACTURER'S FLOOR JOIST DRAWINGS.

MINIMUM FOOTING WIDTH OR AREA SHALL
CONFORM TO TABLE 9.15.3.4.

STEEL COLUMNS SHALL CONFORM TO OBC 9.17.3.
WOOD COLUMNS SHALL CONFORM TO OBC 9.17.4.
MAXIMUM SPANS OF STEEL BEAMS SUPPORTING
FLOORS SHALL CONFORM TO TABLE 9.23.4.3
MAXIMUM SPANS OF STEEL BEAMS SUPPORTING
A ROOF AND ONE FLOOR SHALL CONFORM TO
TABLES A-20 TO A-29
WOOD FLOOR JOISTS SHALL CONFORM TO
OBC 9.23.9.
MAXIMUM SPANS FOR WOOD FLOOR JOISTS
SHALL CONFORM TO TABLES A1 AND A-2
OR WITH MANUFACTURER'S SPAN TABLES.
MAXIMUM SPANS FOR BUILT-UP WOOD FLOOR
BEAMS SHALL CONFORM TO TABLES A-8
THROUGH A-10.
MAXIMUM SPANS FOR LINTELS SHALL
CONFORM TO TABLES A-13 THROUGH A-19.
FLOORS—ON—GROUND SHALL CONFORM TO
OBC 9.16.

OBC 9.16. CONCRETE SHALL CONFORM TO OBC 9.3.1. A SUBSURFACE INVESTIGATION, INCLUDING GROUNDWATER CONDITIONS, SHALL BE CARRIED OUT, BY OR UNDER THE DIRECTION OF A PERSON HAVING KNOWLEDGE AND EXPERIENCE IN PLANNING AND EXECUTING SUCH INVESTIGATIONS TO A DEGREE APPROPRIATE FOR THE BUILDING AND ITS USE, THE GROUND AND THE SURROUNDING SITE CONDITIONS. IN CONFORMANCE WITH OBC 4.2.2.1.

TERMITE AND DECAY PROTECTION FOR LUMBER AND WOOD PRODUCTS SHALL CONFORM TO OBC 9.3.2.9.

THE CLEAR HEIGHT OVER STAIRS MEASURED VERTICALLY FROM A LINE DRAWN THROUGH THE LEADING EDGES OF THE TREADS SHALL BE NOT LESS THAN 1,950 mm, WITHIN DWELLING UNITS [OBC 9.8.2.2]

DIMENSIONS FOR RECTANGULAR TREADS RISE MAX. 200 mm, MIN. 125 mm RUN MAX. 355 mm, MIN. 210 mm TREAD DEPTH MAX. 355 mm, MIN. 235 mm [OBC 9.8.4.2]

A HANDRAIL SHALL BE PROVIDED ...

(A) ON AT LEAST ONE SIDE OF STAIRS OR RAMPS LESS THAN 1,100 mm IN WIDTH, (B) ON 2 SIDES OF CURVED STAIRS OR RAMPS OF ANY WIDTH, EXCEPT CURVED STAIRS WITHIN DWELLING UNITS, AND (C) ON 2 SIDES OF STAIRS OR RAMPS 1,100 mm IN WIDTH OR GREATER. HANDRAILS ARE NOT REQUIRED FOR ...

(A) INTERIOR STAIRS HAVING NOT MORE THAN 2 RISERS AND SERVING A SINGLE DWELLING UNIT, OR (B) EXTERIOR STAIRS HAVING NOT MORE THAN 3 RISERS AND SERVING A SINGLE DWELLING UNIT, OR DWELLING UNIT, OR EXPLOYED THAN 3 RISERS AND SERVING A SINGLE DWELLING UNIT. [OBC 9.8.7.1]

THE HEIGHT OF HANDRAILS ON STAIRS AND RAMPS SHALL BE NOT LESS THAN 865 mm AND NOT MORE THAN 965 mm. [OBC 9.8.7.4(2)]

EXTERIOR CONCRETE STAIRS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE SUPPORTED ON UNIT MASONRY OR CONCRETE WALLS OR PIERS NOT LESS THAN 150 mm in CROSS SECTION, OR CANTILEVERED FROM THE MAIN FOUNDATION WALL [OBC 9.8.9.2] GRANULAR MATERIAL USED TO DRAIN THE BOTTOM OF A FOUNDATION SHALL CONFORM TO OBC 9.14.4.1.

WHERE A FOUNDATION IS ERECTED ON FILLED GROUND, PEAT OR SENSITIVE CLAY, THE FOOTING SIZES SHALL CONFORM TO TO OBC SECTION 4.2. [OBC 9.15.1.1.(3)] LINTELS AND ARCHES THAT SUPPORT MASONRY SHALL CONFORM TO OBC 9.20.5. THE LENGTH OF END BEARING OF BEAMS THAT ARE SUPPORTED ON MASONRY SHALL BE NOT LESS THAN 90 mm. THE LENGTH OF END BEARING OF FLOOR, ROOF OR CEILING JOISTS THAT ARE SUPPORTED ON MASONRY SHALL BE NOT LESS THAN 40 mm. [OBC 9.20.8.3]

WOOD BEAMS SHALL HAVE AN EVEN AND LEVEL BEARING AND SHALL HAVE NOT LESS THAN 89 MM LENGTH OF BEARING AT END SUPPORTS. [OBC 9.23.8.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A BASEMENT FORMING PART OF A DWELLING UNIT. [OBC 9.31.4.4] CAPACITY AND SOUND RATINGS FOR REQUIRED FANS SHALL CONFORM TO OBC 9.32.3.9.

3-WAY WALL SWITCHES LOCATED AT THE HEAD AND FOOT OF EVERY STAIRWAY SHALL BE PROVIDED TO CONTROL AT LEAST ONE LIGHTING OUTLET WITH FIXTURE FOR STAIRWAYS WITH 4 OR MORE RISERS IN DWELLING UNITS. [OBC 9.34.2.3(2)] A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED FOR EACH 30 $\rm m^2$ OF FLOOR AREA OR FRACTION OF IT IN UNFINISHED BASEMENTS. [OBC 9.34.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED IN STORAGE ROOMS. [OBC 9.34.2.5] REINFORCED CONCRETE SLABS SHALL CONFORM TO OBC 9.39.

PERFORMANCE OF WINDOWS ,DOORS AND SKYLIGHT TO CONFORM WITH OBC 9.7.3

FIRST FLOOR

EXHAUST DUCTS CONNECTED TO LAUNDRY DRYING EQUIPMENT SHALL BE ...
(A) INDEPENDENT OF OTHER EXHAUST DUCTS, (B) DESIGNED AND INSTALLED SO THAT THE ENTIRE DUCT CAN BE CLEANED, AND (C) CONSTRUCTED OF MATERIAL THAT IS SMOOTH AND CORROSION—RESISTANT. [OBC 6.2.3.8.(7)]

THE COMPRESSIVE STRENGTH OF UNREINFORCED CONCRETE AFTER 28 DAYS SHALL BE NOT LESS THAN ...
(A) 32 MPa FOR GARAGE FLOORS, CARPORT FLOORS AND ALL EXTERIOR FLATWORK, (B) 20 MPa FOR INTERIOR FLOORS, AND (C) 15 MPa FOR ALL OTHER APPLICATIONS, CONCRETE USED FOR GARAGE AND CARPORT FLOORS AND EXTERIOR STEPS SHALL HAVE AIR ENTRAINMENT OF 5 TO 8%. [OBC 9.3.1.6] IF WOOD OR SHEET STEEL WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE INSTALLATION OF A GRAB BAR IN CONFORMANCE WITH OBC 9.5.2.3.

WEATHER STRIPPING SHALL BE PROVIDED AROUND ALL EXTERIOR DOORS EXCEPT GARAGE DOORS. [OBC 9.6.5.6]

SWINGING ENTRANCE DOORS TO DWELLING UNITS, BETWEEN DWELLING UNITS AND ATTACHED GARAGES OR OTHER ANCILLARY SPACES, AND DOORS THAT PROVIDE ACCESS DIRECTLY OR INDIRECTLY FROM A GARAGE TO A DWELLING UNIT SHALL BE PROVIDED WITH A DEADBOLT LOCK WITH A CYLINDER HAVING NO FEWER THAN 5 PINS AND A BOLT THROW NOT LESS THAN 25 mm PROTECTED WITH A SOLID OR HARDENED FIRE—TURNING RING OR BEVELLED CYLINDER HOUSING.

THE HEIGHT OF HANDRAILS ON STAIRS AND RAMPS SHALL BE NOT LESS THAN 865 mm AND NOT MORE THAN 965 mm. [9.8.7.4.(2)] GUARDS SHALL CONFORM TO OBC 9.8.8 AND SHALL RESIST LOADS IN CONFORMANCE WITH TABLE 9.8.8.2.

WHERE A GARAGE IS ATTACHED TO OR BUILT INTO A BUILDING OF RESIDENTIAL OCCUPANCY, (A) AN AIR BARRIER SYSTEM IN CONFORMANCE OBC 9.25.3, SHALL BE INSTALLED BETWEEN THE GARAGE AND THE REMAINDER OF THE BUILDING TO PROVIDE AN EFFECTIVE BARRIER TO GAS AND EXHAUST FUMES, AND (B) EVERY DOOR BETWEEN THE GARAGE AND THE REMAINDER OF THE BUILDING SHALL CONFORM TO OBC 9.10.13.15. WHERE MEMBRANE MATERIALS ARE USED TO PROVIDE THE REQUIRED AURTIGHTNESS IN THE AIR BARRIER SYSTEM, ALL JOINTS SHALL BE SEALED AND STRUCTURALLY SUPPORTED. [OBC 9.10.9.16(5)]

A DOOR BETWEEN AN ATTACHED OR BUILT—IN GARAGE AND A DWELLING UNIT SHALL BE TIGHT—FITTING AND WEATHERSTRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE PASSAGE OF GASES AND EXHAUST FUMES AND SHALL BE FITTED WITH A SELF—CLOSING DEVICE. [OBC 9.10.13.15]

FACTORY-BUILT FIREPLACES AND THEIR INSTALLATION SHALL CONFORM TO CAN/ULC-S610-M, "FACTORY-BUILT FIREPLACES". [OBC 9.22.8.1] LAUNDRY FACILITIES OR A SPACE FOR LAUNDRY FACILITIES SHALL BE PROVIDED IN EVERY DWELLING UNIT OR GROUPED ELSEWHERE IN THE BUILDING IN A LOCATION CONVENIENTLY ACCESSIBLE TO OCCUPANTS OF EVERY DWELLING UNIT. [9.31.4.2]

A CLOTHES DRYER EXHAUST DUCT SYSTEM SHALL CONFORM TO PART 6. [OBC 9.32.1.1(5)] AN EXHAUST AIR INTAKE SHALL BE INSTALLED IN EACH KITCHEN, BATHROOM AND WATER CLOSET ROOM. [OBC 9.32.3.5(2)]

EXCEPT FOR CLOTHES DRYERS, EXHAUST OUTLETS SHALL BE FITTED WITH SCREENS OF MESH NOT LARGER THAN 15 mm, EXCEPT WHERE CLIMATIC CONDITIONS MAY REQUIRE LARGER OPENINGS. [OBC 9.32.3.12.(10)] THE DESIGN, CONSTRUCTION AND INSTALLATION, INCLUDING THE PROVISION OF COMBUSTION AIR, OF SOLID-FUEL BURNING APPLIANCES AND EQUIPMENT, INCLUDING STOVES, RANGES AND SPACE HEATERS, SHALL CONFORM TO CAN/CSA-B365, "INSTALLATION CODE FOR SOLID-FUEL-BURNING APPLIANCES AND EQUIPMENT". [OBC 9.33.1.2]

A LIGHTING OUTLET WITH FIXTURE CONTROLLED BY A WALL SWITCH SHALL BE PROVIDED IN KITCHENS, UTILITY ROOMS, LAUNDRY ROOMS, DINING ROOMS, BATHROOMS, WATER-CLOSET ROOMS, VESTBULES AND HALLWAYS, AS WELL AS IN BEDROOMS AND LIVING ROOMS THAT ARE NOT PROVIDED WITH A RECEPTACLE THAT IS CONTROLLED BY A WALL SWITCH. [OBC 9.34.2.2]

3-WAY WALL SWITCHES LOCATED AT THE HEAD AND FOOT OF EVERY STAIRWAY SHALL BE PROVIDED TO CONTROL AT LEAST ONE LIGHTING OUTLET WITH FIXTURE FOR STAIRWAYS WITH 4 OR MORE RISERS IN A HI OR DWELLING UNITS. [OBC 9.34.2.3(2)] A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED FOR AN ATTACHED, BUILT—IN OR DETACHED GARAGE OR CARPORT. [OBC 9.34.2.6]

SECOND FLOOR

SPECIFIED DESIGN SNOW LOADS SHALL CONFORM TO OBC 9.4.2.2. ATTICS AND ROOF SPACES SHALL CONFORM TO OBC 9.4.2.4. IF WOOD OR SHEET STEEL WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE INSTALLATION OF A GRAB BAR IN CONFORMANCE WITH OBC 9.5.2.3.

GLASS OTHER THAN SAFETY GLASS SHALL NOT BE USED FOR A SHOWER OR BATHTUB ENCLOSURE. [OBC 9.6.1.4(6)]

THE MINIMUM WINDOW GLASS AREA FOR ROOMS IN BUILDINGS OF RESIDENTIAL OCCUPANCY OR ROOM THAT ARE USED FOR SLEEPING SHALL CONFORM TO TABLE 9.7.2.3. EXCEPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES DIRECT ACCESS TO THE EXTERIOR, EVERY FLOOR LEVEL CONTAINING A BEDROOM IN A DWELLING UNIT SHALL BE PROVIDED WITH AT LEAST ONE OUTSIDE WINDOW THAT CONFORMS WITH THE REQUIREMENTS IN OBC 9.9.10.1

DIMENSIONS FOR RECTANGULAR TREADS RISE MAX. 200 mm, MIN. 125 mm RUN MAX. 355 mm, MIN. 210 mm TREAD DEPTH MAX. 355 mm, MIN. 235 mm [OBC 9.8.4.2]

EVERY ATTIC OR ROOF SPACE SHALL BE PROVIDED WITH AN ACCESS HATCH WITH A MINIMUM AREA OF 0.32 m² AND WITH NO DIMENSION LESS THAN 545 mm. ACCESS HATCHES SHALL BE FITTED WITH DOORS OR COVERS. [OBC 9.19.2.1(2)]

WOOD ROOF TRUSSES SHALL CONFORM TO OBC 9.23.13.11. ROOFS AND OTHER PLATFORMS THAT EFFECTIVELY SERVE AS ROOFS WITH RESPECT TO ACCUMULATION OR DRAINAGE OF PRECIPITATION, SHALL BE PROTECTED WITH ROOFING, INCLUDING FLASHING, INSTALLED TO SHED RAIN EFFECTIVELY AND TO PREVENT WATER, DUE TO ICE DAMMING, FROM ENTERING THE ROOF. [OBC 9.26.1.1]

CROSS SECTION

CEILING HEIGHTS OF ROOMS OR SPACES IN RESIDENTIAL OCCUPANCIES AND LIVE/WORK UNITS SHALL CONFORM TO TABLE 9.5.3.1. AREAS IN ROOMS OR SPACES OVER WHICH CEILING HEIGHT IS NOT LESS THAN THE MINIMUM SPECIFIED IN TABLE 9.5.3.1 SHALL BE CONTIGUOUS WITH THE ENTRY OR ENTRIES TO THOSE ROOMS OR SPACES. [OBC 9.5.3.1]

CONCEALED SPACES IN INTERIOR WALLS, CEILINGS AND CRAWL SPACES SHALL BE SEPARATED BY FIRE STOPS FROM CONCEALED SPACES IN EXTERIOR WALLS AND ATTIC OR ROOF SPACES. [OBC 9.10.16.1.(1)] SMOKE ALARMS CONFORMING TO CAN/ULC-S351, "SMOKE ALARMS", SHALL BE INSTALLED IN EACH DWELLING UNIT AND IN EACH SLEEPING ROOM NOT WITHIN A DWELLING UNIT [OBC 9.10.19.1] FINISHED GROUND LEVEL SHALL BE IN ACCORDANCE WITH TABLE 9.12.2.2.

FOUNDATION WALL DRAINAGE SHALL CONFORM TO OBC 9.14.3.1. FOOTINGS SHALL REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL. [OBC 9.15.3.2]

WHERE THE TOP OF A FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF A MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE (A) NOT LESS THAN 90 mm THICK, AND (B) TIED TO THE FACING MATERIAL WITH METAL TES CONFORMING TO OBC 9.20.9.4.(3) SPACED NOT MORE THAN 200 mm O.C. VERTICALLY, AND 900 mm O.C. HORIZONTALLY. (3) THE SPACE BETWEEN THE WALL AND THE FACING SHALL BE FILLED WITH MORTAR. [OBC 9.15.4.7.(1)(2)(3)]

ALL WALLS, CEILINGS AND FLOORS SEPARATING HEATED SPACE FROM UNHEATED SPACE, THE EXTERIOR SOIL SHALL BE PROVIDED WITH THERMAL INSULATION IN CONFORMANCE WITH OBC SECTIONS 12.2

STUCCO SHALL BE NOT LESS THAN 200 mm ABOVE FINISHED GROUND LEVEL EXCEPT WHEN IT IS APPLIED OVER CONCRETE OR MASONRY. [OBC 9.28.1.4]

ELEVATIONS

FINISHED GRADE'S PROFILE LINE IS GENERIC AND DOES NOT REFLECT EXACT ELEVATION. DOORS IN BUILDINGS OF RESIDENTIAL OCCUPANCY, WHERE THE FINISHED FLOOR ON ONE SIDE OF THE DOOR IS MORE THAN 600 mm ABOVE THE FLOOR OR OTHER SURFACE OR GROUND LEVEL ON THE OTHER SIDE OF THE DOOR, SHALL BE PROTECTED BY, (a) A GUARD, IN ACCORDANCE WITH OBC 9.8.8, OR (b) A MECHANISM CAPABLE OF CONTROLLING THE FREE SWINGING OR SLIDING OF THE DOOR SO AS TO LIMIT ANY CLEAR UNOBSTRUCTED OPENING TO NOT MORE THAN 100 mm. [OBC 9.8.8.1(4)]

SAFETY GLASS OF THE TEMPERED OR
LAMINATED TYPE CONFORMING TO CAN/CGSB
-12.1-M, "TEMPERED OR LAMINATED SAFETY
GLASS", OR WIRED GLASS CONFORMING TO
CAN/CGSB-12.11-M, "WIRED SAFETY GLASS"
SHALL BE USED FOR ...
(A) SIDELIGHTS GREATER THAN 500 mm WIDE
THAT COULD BE MISTAKEN FOR DOORS,
(B) GLASS IN STORM DOORS,
(C) GLASS IN SIDEM DOORS,
(C) GLASS IN SIDEM DOORS, AND
(D) GLASS IN SIDEM DOORS, AND
EXTENDS TO LESS THAN 900 mm FROM
THE BOTTOM OF THE DOOR. [OBC 9.6.1.4]

IN DWELLING UNITS, WINDOWS OVER STAIRS, RAMPS AND LANDINGS THAT EXTEND TO LESS THAN 900 mm ABOVE THE SURFACE TO THE TREADS, RAMP OR LANDING SHALL BE (A) PROTECTED BY GUARDS, IN ACCORDANCE WITH OBC 9.8.8, OR (B) BE NON-OPENABLE AND DESIGNED TO WITHSTAND THE SPECIFIED LOADS FOR GUARDS AS PROVIDED IN OBC 4.1.5.14

GUARDS SHALL BE DESIGNED SO THAT NO MEMBER, ATTACHMENT OR OPENING WILL FACILITATE CLIMBING. ANY ELEMENTS THAT PROTRIDE FROM THE VERTICAL AND THAT ARE LOCATED BETWEEN 140 mm AND 900 mm ABOVE THE FLOOR OR WALKING SURFACE PROTECTED BY THE GUARD, SHALL CONFORM TO OBC 9.8.8.6.(1)

GLASS IN GUARDS SHALL BE EITHER

(A) SAFETY GLASS OF THE LAMINATED OR TEMPERED TYPE CONFORMING TO CAN/CGSB-12.1-IM, "TEMPERED OR LAMINATED SAFETY GLASS", OR

(B) WIRED GLASS CONFORMING TO CAN/CGSB-12.11-IM, "WIRED SAFETY GLASS". [OBC 9.8.8.7]

THE MAXIMUM AGGREGATE AREA OF UNPROTECTED OPENINGS IN AN EXPOSING BUILDING FACE SHALL CONFORM TO TABLE 9.10.14.4.

FOR BUILDINGS CONTAINING ONLY DWELLING UNITS, CONSTRUCTION OF EXPOSING BUILDING FACES SHALL CONFORM TO OBC 9.10.15.5. EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION. [OBC 9.14.6.3]

WHERE STEP FOOTINGS ARE USED, THE VERTICAL RISE BETWEEN THE HORIZONTAL PORTIONS SHALL NOT EXCEED 600 mm, AND THE HORIZONTAL DISTANCE BETWEEN RISERS SHALL BE NOT LESS THAN 600 m [OBC 9.15.3.9] THE THICKNESS AND HEIGHT OF FOUNDATION WALLS MADE OF UNREINFORCED CONCRETE BLOCKS OR SOLID CONCRETE AND SUBJECT TO LATERAL EARTH PRESSURE SHALL CONFORM TO TABLE 9.15.4.2.A. FOR WALLS MAD TO THE PROPERTY OF THE PROPERTY OF

NOT EXCEEDING 2.5 m IN UNSUPPORTED HEIGHT. [OBC 9.15.4.2] EXTERIOR FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 150 mm ABOVE FINISHED GROUND LEVEL. [OBC 9.15.4.6] VENTING FOR ROOF SPACES SHALL CONFORM TO OBC 9.19.1.2.

THE UNOBSTRUCTED ROOF VENT AREA SHALL BE NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA. WHERE THE ROOF SLOPE IS LESS THAN 1 IN 6, OR IN ROOFS THAT ARE CONSTRUCTED WITH ROOF JOISTS, THE UNOBSTRUCTED VENT AREA SHALL BE NOT LESS THAN 1/150 OF THE INSULATED CEILING AREA. [OBC 9.19.1.2]

FLASHING SHALL BE INSTALLED IN MASONRY AND MASONRY VENEER WALLS IN CONFORMANCE WITH OBC 9.20.13.3.(1).

WEEP HOLES THAT ARE SPACED NOT MORE THAN 800 mm APART SHALL BE PROVIDED AT THE BOTTOM OF CAVITIES OR AIR SPACES IN MASONRY VENEER WALLS AND ABOVE LINTELS OVER WINDOW AND DOOR OPENINGS. [OBC 9.20.13.8]

A CHIMNEY FLUE SHALL EXTEND NOT LESS THAN 900 mm ABOVE THE HIGHEST POINT AT WHICH THE CHIMNEY COMES IN CONTACT WITH THE ROOF, AND SHALL EXTEND NOT LESS THAN 600 mm ABOVE THE HIGHEST ROOF SURFACE OR STRUCTURE WITHIN 3 m OF THE CHIMNEY. [OBC 9.21.4.4] THE SLOPE OF ROOF SURFACES, ON WHICH ROOF COVERINGS MAY BE APPLIED, SHALL CONFORM TO OBC 9.26.3.1.

FLASHING SHALL BE INSTALLED AT ...

(A) ALL ROOF-WALL JUNCTIONS,

(B) ALL JUNCTIONS OF SIMILAR TYPES OF ELEMENTS, AND

(C) ALL GUARDS THAT ARE CONNECTED TO THE ROOF BY OTHER THAN PICKETS OR POSTS. [OBC 9.26.4.1] WHERE SLOPING SURFACES OF SHINGLED ROOFS INTERSECT TO FORM A VALLEY, THE VALLEY SHALL BE FLASHED IN CONFORMANCE WITH OBC 9.26.4.3.

BASEMENT/1st/2nd

THE MAXIMUM DEFLECTION OF STRUCTURAL MEMBERS SHALL CONFORM TO TABLE 9.4.3.1

WINDOWS SHALL CONFORM TO
(A) CAN/CSA-A440, "WINDOWS", AND
(B) THE CAN/CSA-A440.1, "USER SELECTION
GUIDE TO CSA STANDARD CAN/CSA-A440-00
WINDOWS". [OBC 9.7.2]

THE DEPTH OF A RECTANGULAR TREAD SHALL BE NOT LESS THAN ITS RUN AND NOT MORE THAN ITS RUN PLUS 25 mm. [OBC 9.8.4.3.(2)]

THE CLEARANCE BETWEEN A HANDRAIL AND ANY SURFACE BEHIND IT SHALL BE NOT LESS THAN 50 mm. ALL HANDRAILS SHALL BE CONSTRUCTED SO AS TO BE CONTINUALLY GRASPABLE ALONG THEIR ENTIRE LENGTH WITH NO OBSTRUCTION ON OR ABOVE THEM TO BREAK A HANDHOLD, EXCEPT WHERE THE HANDRAIL IS INTERRUPTED BY NEWELS AT CHANGES IN DIRECTION. [OBC 9.8.7.5]

THE FINISH FOR TREADS, LANDINGS AND RAMPS SHALL CONFORM TO OBC 9.8.9.6.

EXTERIOR COLUMNS AND POSTS SHALL CONFORM TO OBC 9.23.6.2. WALL STUD SIZE AND SPACING SHALL CONFORM TO OBC 9.23.10.1. STUD POSTS BUILT INTO WALLS SHALL CONFORM TO OBC 9.23.10.7. VAPOUR BARRIER MATERIALS SHALL CONFORM TO OBC 9.25.4.2.

CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN CONFORMANCE WITH OBC 9.33.4.

(A) THERE IS A DIFFERENCE IN ELEVATION OF MORE THAN 600 mm, OR (B) THE ADJACENT SURFACE WITHIN 1.2 m OF THE WALKING SURFACE HAS A SLOPE OF MORE THAN 1 IN 2. [OBC 9.8.8.1.(1)]

FOR BUILDINGS CONTAINING ONLY DWELLING UNITS, EACH EXPOSING BUILDING FACE AND ANY EXTERIOR WALL LOCATED ABOVE AN EXPOSING BUILDING FACE THAT ENCLOSES AN ATTIC OR ROOF SPACE SHALL (A) HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MIN. WHERE THE LIMITING DISTANCE IS LESS THAN 1.2 m, BUT NOT LESS THAN 0.6 m, OR (B) HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MIN. AND ALSO BE CLAD WITH NONCOMBUSTIBLE MATERIAL WHERE THE LIMITING DISTANCE IS LESS THAN 0.6 m. [OBC 9.10.15.5.(2)]

COLUMNS THAT SUPPORT A DECK WITH NO SUPERSTRUCTURE NEED NOT BE PROVIDED WITH LATERAL SUPPORT WHERE THE COLUMNS ARE NOT MORE THAN 600 mm IN LENGTH AS MEASURED FROM THE FINISHED GROUND TO THE UNDERSIDE OF THE SUPPORTED MEMBER. [OBC 9.17.2.2.(3)]

LOAD INFORMATION

SPECIFIED RAIN LOAD = 0.4 KPA. UNFACTORED DEAD LOAD = 15 P.S.F. UNFACTORED LIVE LOAD = 40 P.S.F.,

SPECIFIED SNOW LOAD = 1.8 KPA

EAVE PROTECTION OBC 9.26.5

AIR/VAPOUR BARRIER -0.15 mm (0.006") POLYETHYLENE EXTERIOR SHEATHING

L AIR/VAPOUR BARRIER JOINTS SHALL BE SEALED, OR LAPPED AT LEAST 100 mm (4") AND CLAMPED BETWEEN FRAMING MEMBERS, FURRING OR BLOCKING AND RIGID PANELS—

DRYWALL -

VAPOUR BARRIER ---

FOUNDATION / FLOOR DETAIL

AIR/VAPOUR BARRIER 0.15 mm (0.006") POLYETHYLENE

AIR/VAPOUR BARRIER

6" MIN

GARAGE

GAS-PROOF PARTITION

555110555531

DWELLING

PLAN DETAIL

LINTEL SCHEDULE

 $L-1 = (2) LINTELS 3\frac{1}{2}$ " x 3\fm\{2}" x \fm \{4}"

 $WL-1 = 3\frac{1}{2}x \frac{3\frac{1}{2}x \frac{1}{4}} + (2) \frac{2^{n}x 8^{n} \#1 SPRUCE}$

 $WL-2 = 5" \times 31/2" \times 5/16" + (2) 2" \times 10" #1 SPRUCE$

 $WL-3 = 5"x 3\frac{1}{2}"x \frac{3}{8}" + (2) 2"x 12" #1 SPRUCE$

 $WL-4 = 6" \times 3\frac{1}{2}" \times \frac{5}{8}" + (3) 2" \times 12" \#1 SPRUCE$

Approved

Approved

as Noted

ARCHITECTURAL CONTROL

This approval is for architectural control review only as defined by the applicable Community Control Guidelines and does not constitute compliance or appropriate for any other process.

MARTIN

ASSOCIATES

 $L-2 = W8 \times 18 + 14"$ PLATE

PROTECTION

EDGE (

WALL PLATE ANCHORED TO FOUNDATION 1/2"Ø ANC BOLTS AT 6'-8" O/C

MAX 6'11" C.C. FIN 1ST FLOOR

BLOCK OR CONCRETE FOUNDATION WALL

1" AIR SMALE
RIGID WALLBOARD
1/2" EXT. DRYWALL TYPE "X"
2"x4" OR
2"x6" STUDS AT 16" O/C
1/2" DRYWALL TYPE "X"

2"x6" Studs at 16" 0/CRSI 3.87(R22) Insulation + 6 MIL

COMBINATION ROOMS SHALL CONFORM TO OBC 9.5.1.4.

UNIFORMITY AND TOLERANCES FOR RISERS AND TREADS SHALL CONFORM TO OBC 9.8.4.1.

DIMENSIONS OF REQUIRED LANDINGS SHALL CONFORM TO OBC 9.8.6.3.

ALL GUARDS WITHIN DWELLING UNITS SHALL BE NOT LESS THAN 900 mm HIGH. [OBC 9.8.8.3]

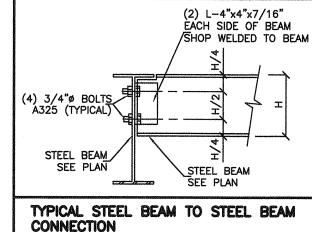
FIRE BLOCK MATERIALS SHALL CONFORM TO OBC 9.10.16.3. SMOKE ALARMS CONFORMING TO CAN/ULC-S351, "SMOKE ALARMS", SHALL BE INSTALLED IN EACH DWELLING UNIT IN CONFORMANCE WITH OBC 9.10.19.

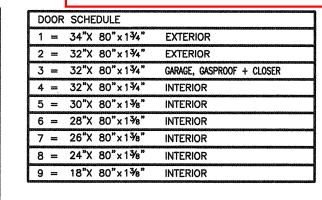
AIR—CONDITIONING SYSTEMS AND CENTRAL ING SYSTEMS INCLUDING REQUIREMENTS COMBUSTION AIR SHALL COMPLY WITH SECTION 9.33.

ELEVATION / 1st

EVERY SURFACE TO WHICH ACCESS IS PROVIDED, FOR OTHER THAN MAINTENANCE PURPOSES, SHALL BE PROTECTED BY A GUARD, IN CONFORMANCE WITH OBC 9.8.8, ON EACH SIDE THAT IS NOT PROTECTED BY A WALL FOR THE LENGTH WHERE, (A) THERE IS A DIFFERENCE IN ELEVATION

BASEMENT / ELEV





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REVISIONS

OBC 2012

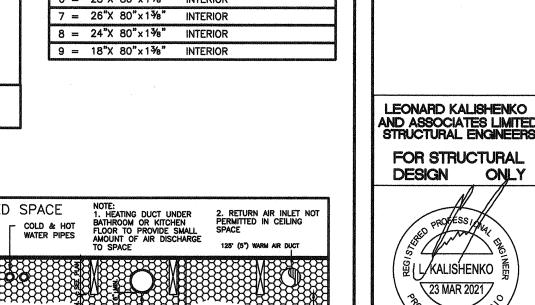
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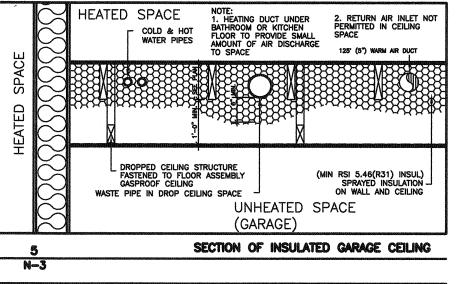
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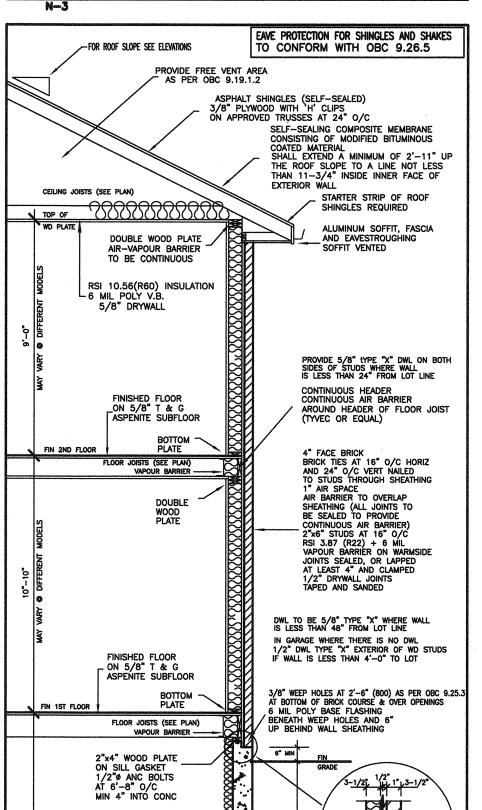
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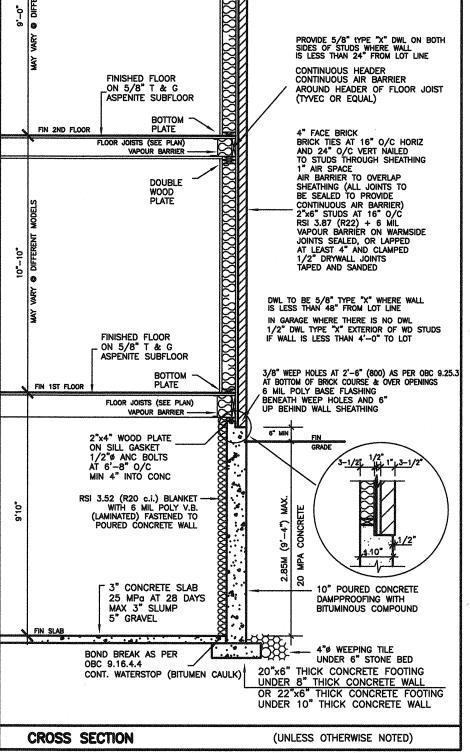
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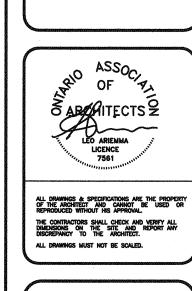
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THESE GENERAL NOTES APPLY TO THE ATTACHED PROJECT UNLESS NOTED OTHERWISE ON THE ATTACHED DRAWINGS SPECIFIC TO THE PROJECT

GENERAL NOTES DRAWING NO JAN '18

GN-12

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