

CROSS SECTION

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.  
CONCRETE SHALL CONFORM TO OBC 9.3.1.

(9.9.15.4.2) 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") CONCRETE  
240 mm (9-1/2") CONCRETE BLOCK  
280 mm (11-1/8") 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 [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. [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]

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 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 PARTS 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 sq. m. 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 9.40.1.4

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 12.3.2.7]

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

COMBINATION ROOMS SHALL CONFORM TO OBC 9.5.1.4.

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 CONTINUOUSLY 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 OBC 9.8.7.7.

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 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.

FIREPLACE INSERTS AND HEARTH-MOUNTED STOVES SHALL CONFORM TO OBC 9.22.10.

ANCHORAGE OF 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.

VAPOUR BARRIER INSTALLATION SHALL CONFORM TO OBC 9.25.4.3.

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

ALL NATURAL VENTILATION OF ROOMS AND SPACES, AND SELF-CONTAINED MECHANICAL VENTILATION SYSTEMS SHALL COMPLY WITH OBC SECTION 9.32.

ALL HEATING AND ALL AIR-CONDITIONING SYSTEMS AND CENTRAL HEATING SYSTEMS INCLUDING REQUIREMENTS FOR COMBUSTION AIR SHALL COMPLY WITH OBC SECTION 9.33.

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

ALL ELECTRICAL FACILITIES AND OUTLETS SHALL CONFORM TO OBC SECTION 9.34.

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)]

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.

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

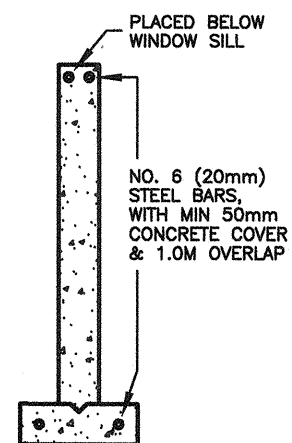
DRAIN TILE AND DRAIN PIPE FOR FOUNDATION DRAINAGE SHALL CONFORM TO THE ENTIRE SUBSECTION OBC 9.14.3

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

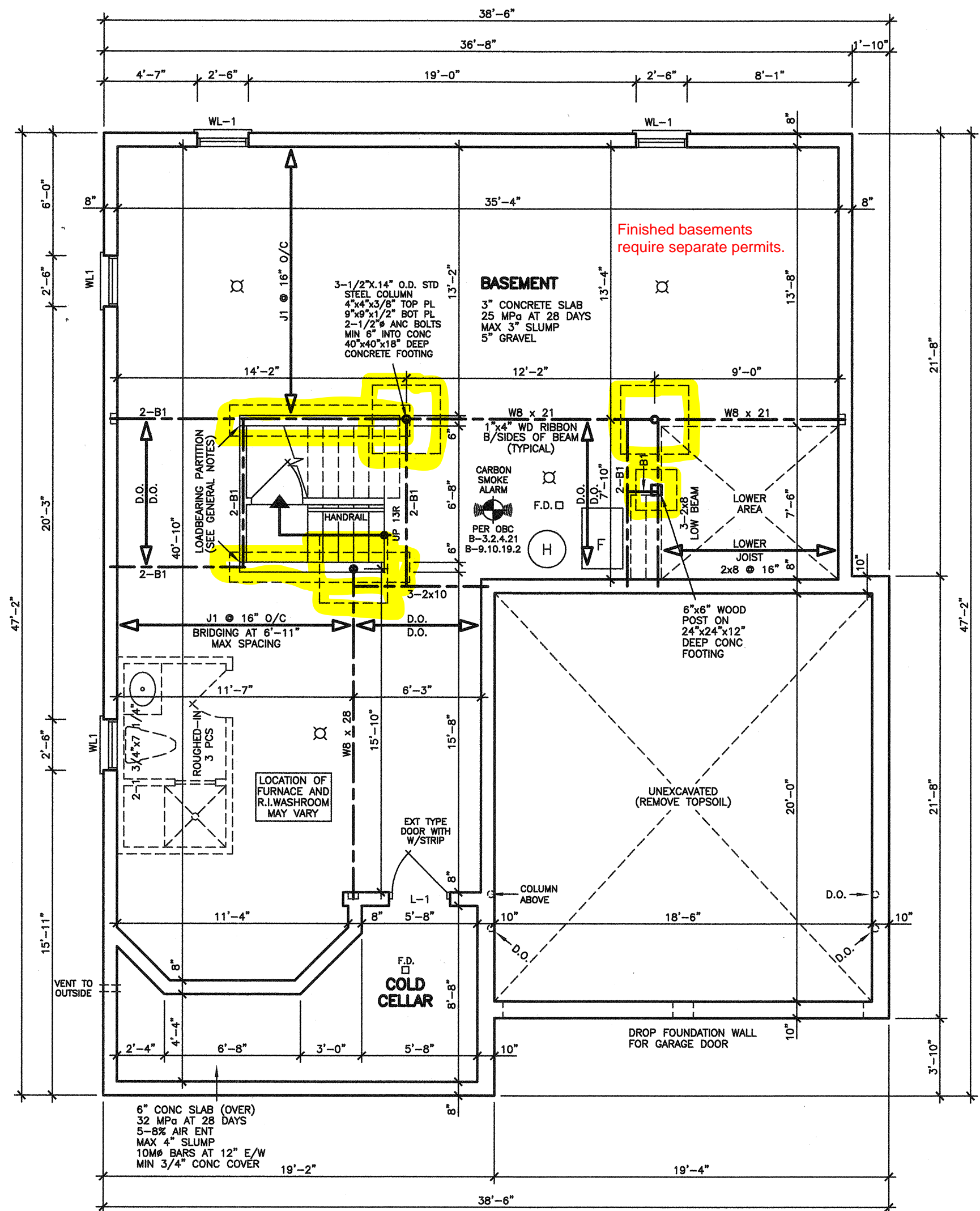
WHERE THE TOP OF A FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF A MASONRY EXTERIOR FINISH, THE REDUCED SECTION SHALL BE (A) NOT LESS THAN 90 mm THICK, AND (B) TIED TO THE FACING MATERIAL WITH METAL TIES CONFORMING TO OBC 9.20.9.4.(3) SPACED NOT MORE THAN 200 mm O.C. VERTICALLY, AND 900 mm O.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 BE PROVIDED WITH THERMAL INSULATION CONFORMING TO SUBSECTION 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

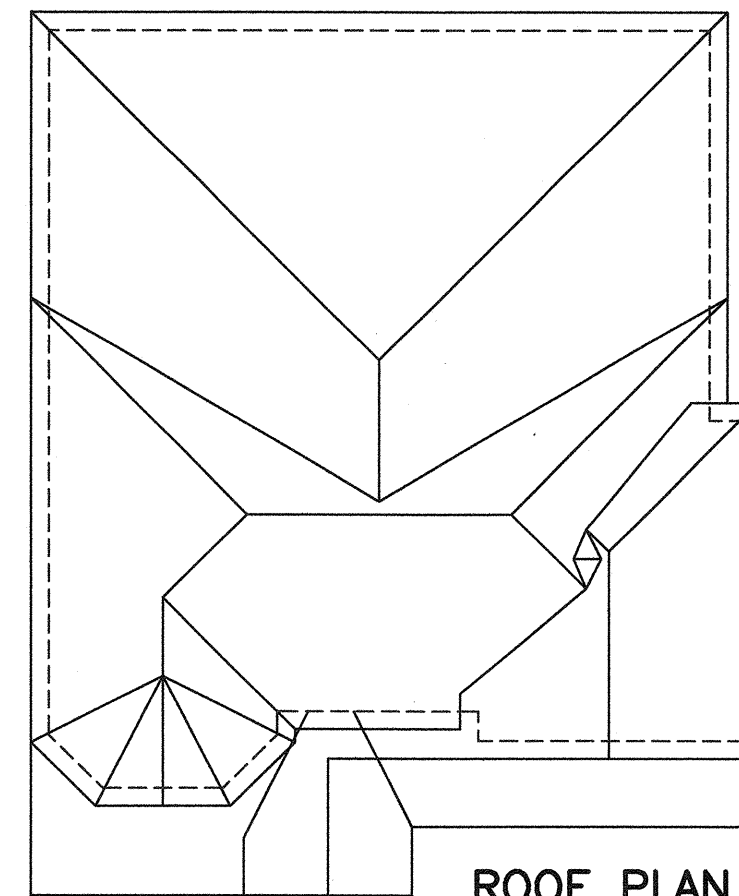
STUCCO SHALL BE NOT LESS THAN 200 mm ABOVE FINISHED GROUND LEVEL EXCEPT WHEN IT IS APPLIED OVER CONCRETE OR MASONRY. [OBC 9.26.1.4]



CONCRETE REINFORCING FOR ALL FOUNDATIONS ON ENGINEERED FILL



BASEMENT FLOOR PLAN



ROOF PLAN 'B' 47' LOT



ARCHITECTURAL CONTROL

☒ Approved  
☐ Approved as Noted  
MARTIN ASSOCIATES

This approval is for architectural control review only as defined by the applicable Community Control Guidelines and does not constitute compliance or approval for any other regulatory requirements.  
Date: 05-Apr-2021



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THE CONTRACTORS SHALL CHECK AND VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.  
DRAWINGS MUST NOT BE SCALED.

ARCHITECTURAL DESIGN INC.

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

ARROWHEAD MODEL 2650

PROJECT  
PROPOSED  
TWO STOREY DWELLING  
FOR: LORMEL HOMES  
AT: INNISFIL

DRAWING  
BASEMENT FLOOR PLAN  
AND CROSS SECTION

DATE JUN '20 PROJECT NO  
DRAWN N.L. DRAWING NO  
CHECKED  
SCALE 3/16"=1'-0" A-2



### 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 permit



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.

WINDOWS, DOORS AND SKYLIGHTS SHALL CONFORM TO OBC 9.9.7

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 GASES 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 DWELLING UNIT, OR  
(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 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.

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 9.22.8.11]  
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 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 9.5.33.1.2]

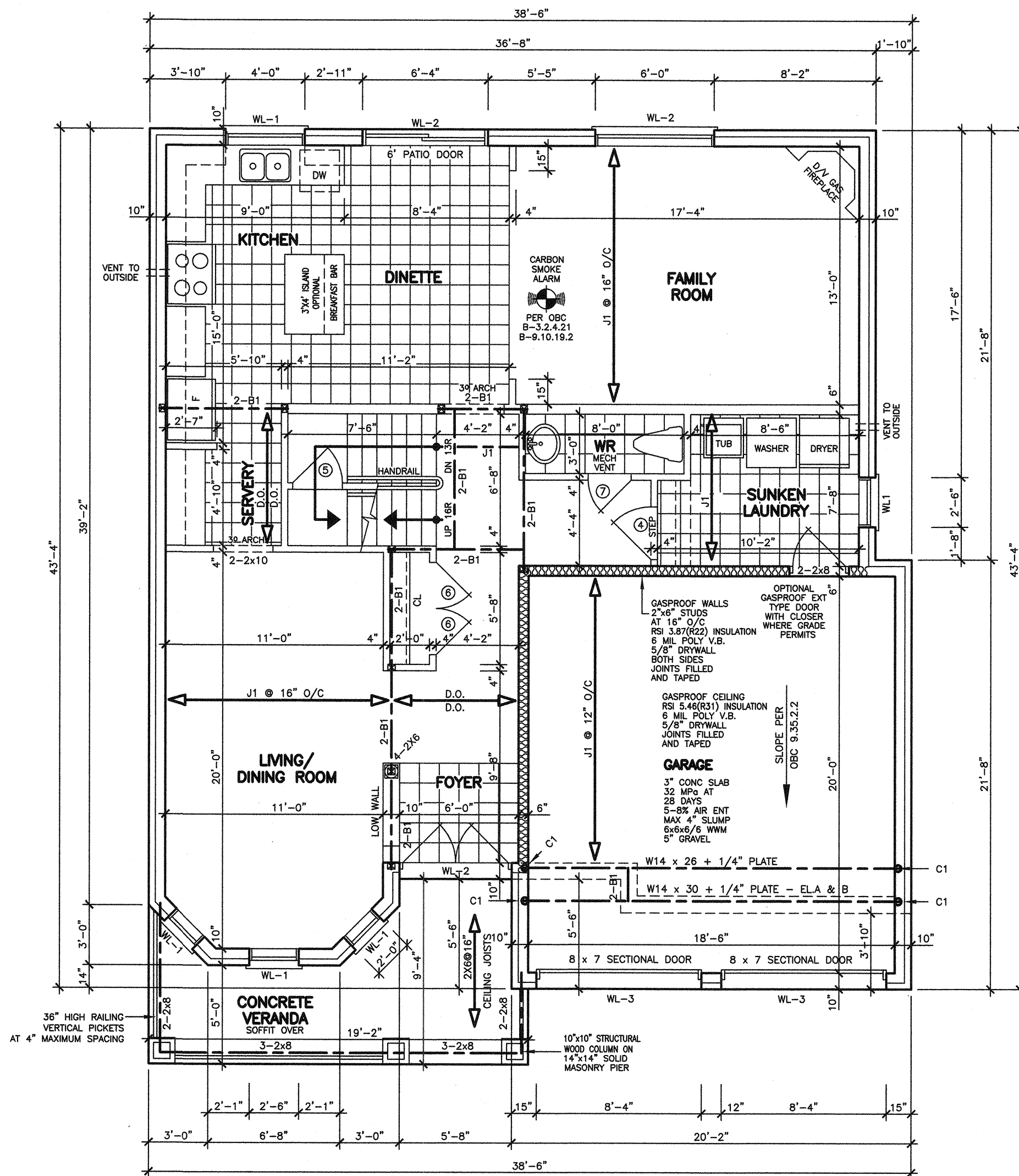
A LIGHTING OUTLET WITH FIXTURE CONTROLLED BY A WALL SWITCH SHALL BE PROVIDED IN KITCHENS, UTILITY ROOMS, LAUNDRY ROOMS, DINING ROOMS, BATHROOMS, WATER-CLOSET ROOMS, VESTIBULES AND HALLWAYS, AS WELL AS IN BEDROOMS AND LIVING ROOMS THAT ARE NOT PROVIDED WITH A RECEPTACLE THAT IS CONTROLLED BY A WALL SWITCH. [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 DWELLING UNITS. [OBC 9.34.2.3(2)]

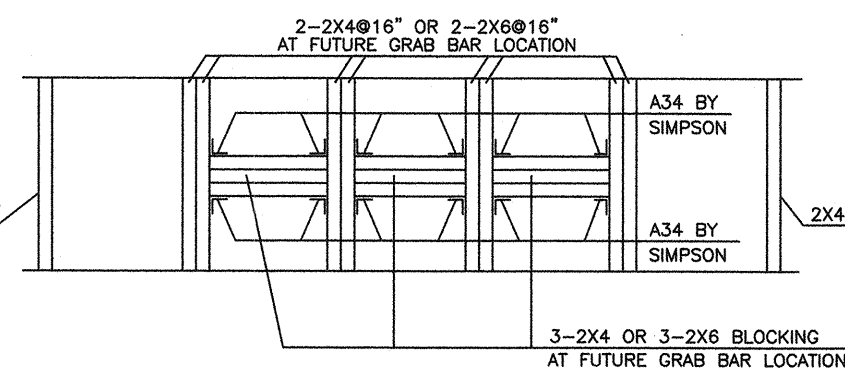
A LIGHTING OUTLET WITH FIXTURE SHALL BE PROVIDED FOR AN ATTACHED, BUILT-IN OR DETACHED GARAGE OR CARPORT. [OBC 9.34.2.6]

#### STRUCTURAL LEGEND

- C1 - DENOTES 3" Ø HSS C/W 1/2" TOP PLATE & 8" x 1/2" x 8" BOT. PLATE + 2" Ø ANCHORS
- J1 - 9" NI - 40x (PREFAB JOISTS) AT 16" O/C (TYP. UN)
- ALL WOOD BEAMS - LVL 1 1/2" x 9" (B1) TYP. UN
- ALL INTERIOR & EXTERIOR WALL FOOTINGS - 22" x 8" STRIP FOOTINGS
- PROVIDE CONTINUOUS 2x2x8 @ 12" O/C CONTINUOUS WITH 1/2" PLYWOOD GLUED-NAILED FROM FIRST FLOOR CONNECTED TO ROOF STRUCTURE AT STAIRWELL OPENING AT EXTERIOR WALLS.
- FOR JOISTS & WOOD BEAM LAYOUT, SEE TAMARACK LUMBER DWGS
- ALL 1/2" PLATES FOR BRICK SUPPORT SHOULD BE STRUCTURALLY WELDED TO STEEL BEAMS.
- PROVIDE 3x2x6 OR 4x2x4 POSTS UNDER EACH WOOD BEAM (B1) BEARINGS.
- PROVIDE DOUBLE STUDS AT EACH END OF WOOD LINTELS BEARINGS (TYP. UN)



FIRST FLOOR PLAN



DETAIL OF STUD WALL CONSTRUCTION  
AT FUTURE GRAB BAR LOCATION

Town of Innisfil Certified Model  
2021-05-06 6:47:36 AM jpenfold

#### REVISIONS

#	DATE
1 REVISED PER CLIENT REVIEW	
2 REVISED PER CLIENT REVIEW	AU 14 20

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

#### FLOOR AREAS AND COVERAGE

1st FLOOR	= 1164.78 SF
	= 108.21 SM
2nd FLOOR	= 1484.22 SF
	= 137.89 SM
(-OPENINGS)	= - SF
	= - SM
TOTAL	= 2649.00 SF
	= 246.10 SM
COVERAGE	= 1570.06 SF
	= 145.86 SM

Lornel  
HOMES



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#### ARCHITECTURAL DESIGN INC.

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

#### ARROWHEAD MODEL 2650

PROJECT  
PROPOSED  
TWO STOREY DWELLING  
FOR: LORNEL HOMES  
AT: INNISFIL

DRAWING  
FIRST FLOOR PLAN  
PART PLAN

DATE	JUN '20	PROJECT NO
DRAWN	N.L.	DRAWING NO
CHECKED		
SCALE	3/16"=1'-0"	A-3

47' LOT





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 B 9.6.1.4.]

THE MINIMUM WINDOW GLASS AREA FOR ROOMS IN BUILDINGS OF RESIDENTIAL OCCUPANCY OR THAT ARE USED FOR SLEEPING SHALL CONFORM TO TABLE B 9.7.2.3.

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

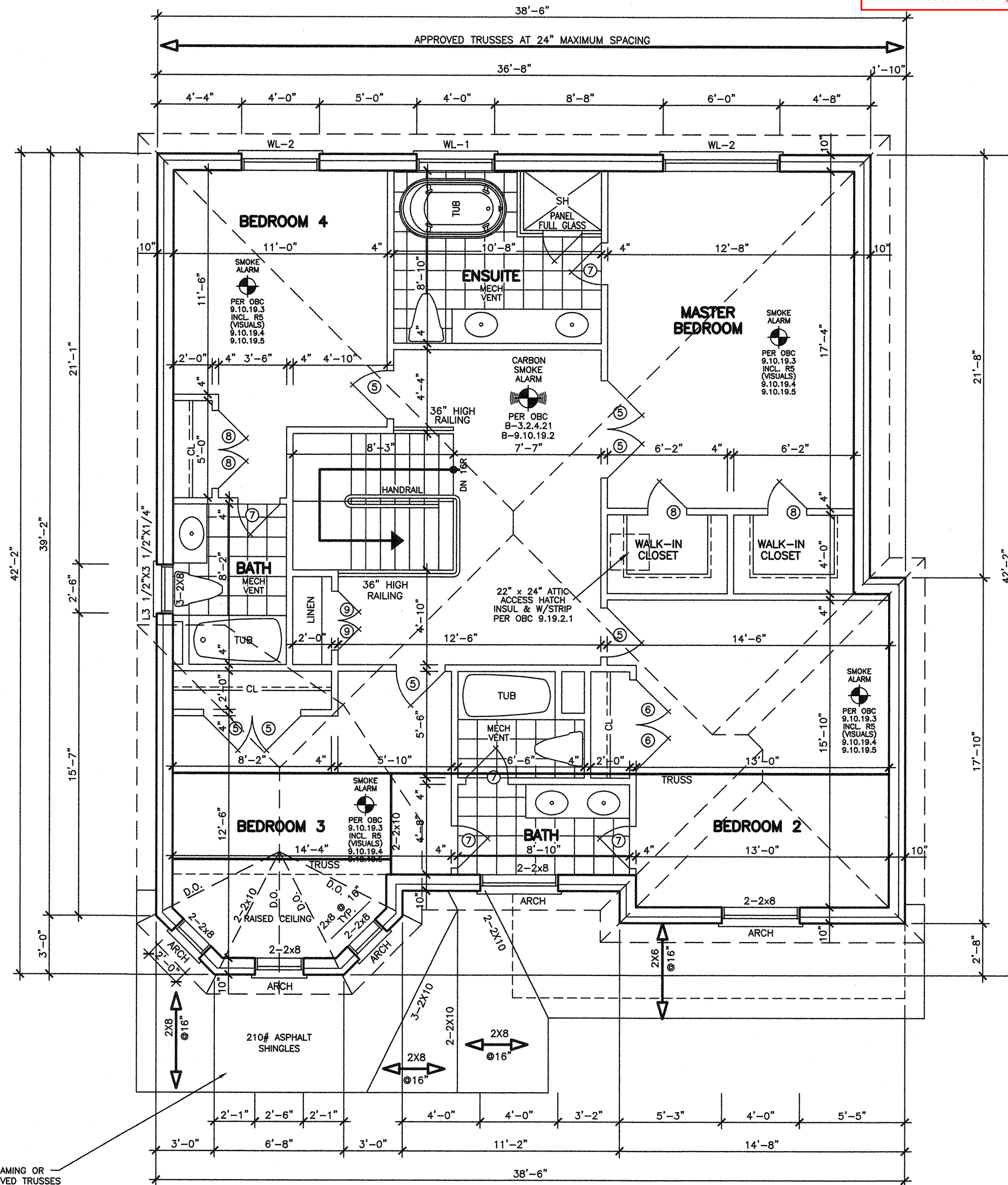
DIMENSIONS FOR RECTANGULAR TREADS  
RISE MAX. 200 mm, MIN. 125 mm  
RUN MAX. 355 mm, MIN. 210 mm  
TREAD DEPTH MAX. 355 mm, MIN. 235 mm  
[OBC 9.8.4.2]

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

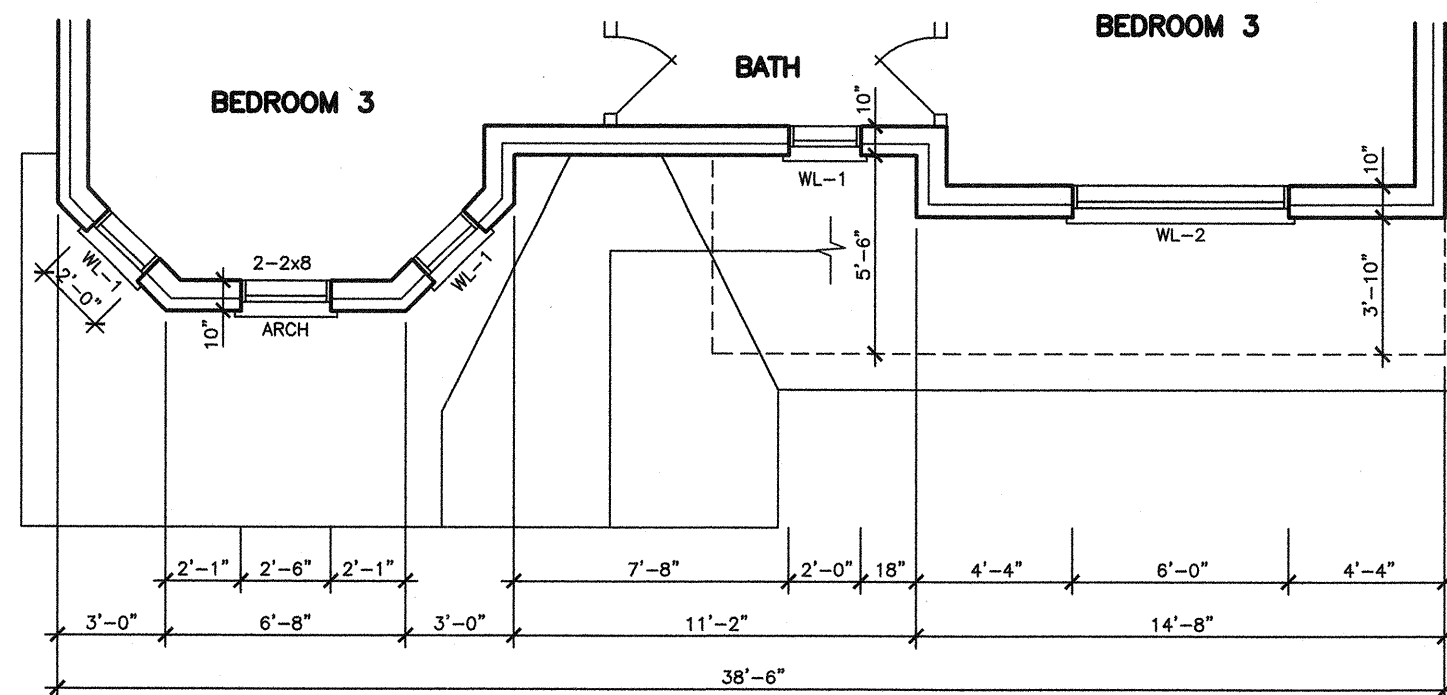
WOOD ROOF TRUSSES SHALL CONFORM TO OBC 9.23.13.11.

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]

OPTIONAL FRAMING OR  
AS PER APPROVED TRUSSES



SECOND FLOOR PLAN



SECOND FLOOR PLAN 'B'

REVISIONS

#	DATE

ARCHITECTURAL CONTROL

<input checked="" type="checkbox"/> Approved	MARTIN ASSOCIATES
<input type="checkbox"/> Approved as Noted	

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Date: 05 Apr 2021 TM



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DRAWINGS MUST NOT BE SCALED.

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56 PENNSYLVANIA AVE.  
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ARROWHEAD MODEL 2650

PROJECT  
PROPOSED  
TWO STOREY DWELLING  
FOR: LORMEL HOMES  
AT: INNISFIL

DRAWING  
SECOND FLOOR PLAN  
PART PLAN

DATE	JUN '20	PROJECT NO
DRAWN	N.L.	DRAWING NO
CHECKED		
SCALE	3/16"=1'-0"	A-4



LEONARD KALISHENKO  
AND ASSOCIATES LIMITED  
STRUCTURAL ENGINEERS  
FOR STRUCTURAL  
DESIGN ONLY



REVISIONS

#	DATE

FINISHED GRADE'S PROFILE LINE IS GENERIC AND DOES NOT REFLECT EXACT ELEVATION.

TYPES OF GLASS AND PROTECTION OF GLASS SHALL BE IN ACCORDANCE WITH OBC 9.6.1.4.

RESISTANCE TO FORCED ENTRY SHALL BE PROVIDED FOR DOORS IN ACCORDANCE WITH OBC 9.7.5.2 AND FOR WINDOWS IN ACCORDANCE WITH OBC 9.7.5.3.

GUARDS SHALL CONFORM TO OBC 9.8.8.1 AND SHALL RESIST LOADS IN CONFORMANCE WITH TABLE 9.8.8.2.

GLASS IN GUARDS CONFORM TO OBC SECTION 9.8.8.1.

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 9.14.6.5]

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 mm. [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 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).

THROUGHWALL FLASHING SHALL BE PROVIDED IN A MASONRY VENEER WALL SUCH THAT ANY MOISTURE WHICH ACCUMULATES IN THE AIR SPACE WILL BE DIRECTED TO THE EXTERIOR OF THE BUILDING. [OBC 9.20.13.3.(2)]

WEAP 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 ALL INTERSECTIONS LISTED OBC 9.26.4

WHERE SLOPING SURFACES OF SHINGLED ROOFS INTERSECT TO FORM A VALLEY, THE VALLEY SHALL BE FLASHED IN CONFORMANCE WITH OBC 9.26.4.3.

AN EXTERIOR LIGHTING OUTLET WITH FIXTURE CONTROLLED BY A WALL SWITCH LOCATED WITHIN THE BUILDING SHALL BE PROVIDED AT EVERY ENTRANCE TO BUILDINGS OF RESIDENTIAL OCCUPANCY. [OBC 9.34.2.1]

REFER TO LOT GRADING / SITE PLAN FOR REQUIRED NUMBER OF EXTERIOR STEPS, DOOR BETWEEN GARAGE AND DWELLING, DECK OR BASEMENT WALKOUT CONDITION.

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 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:

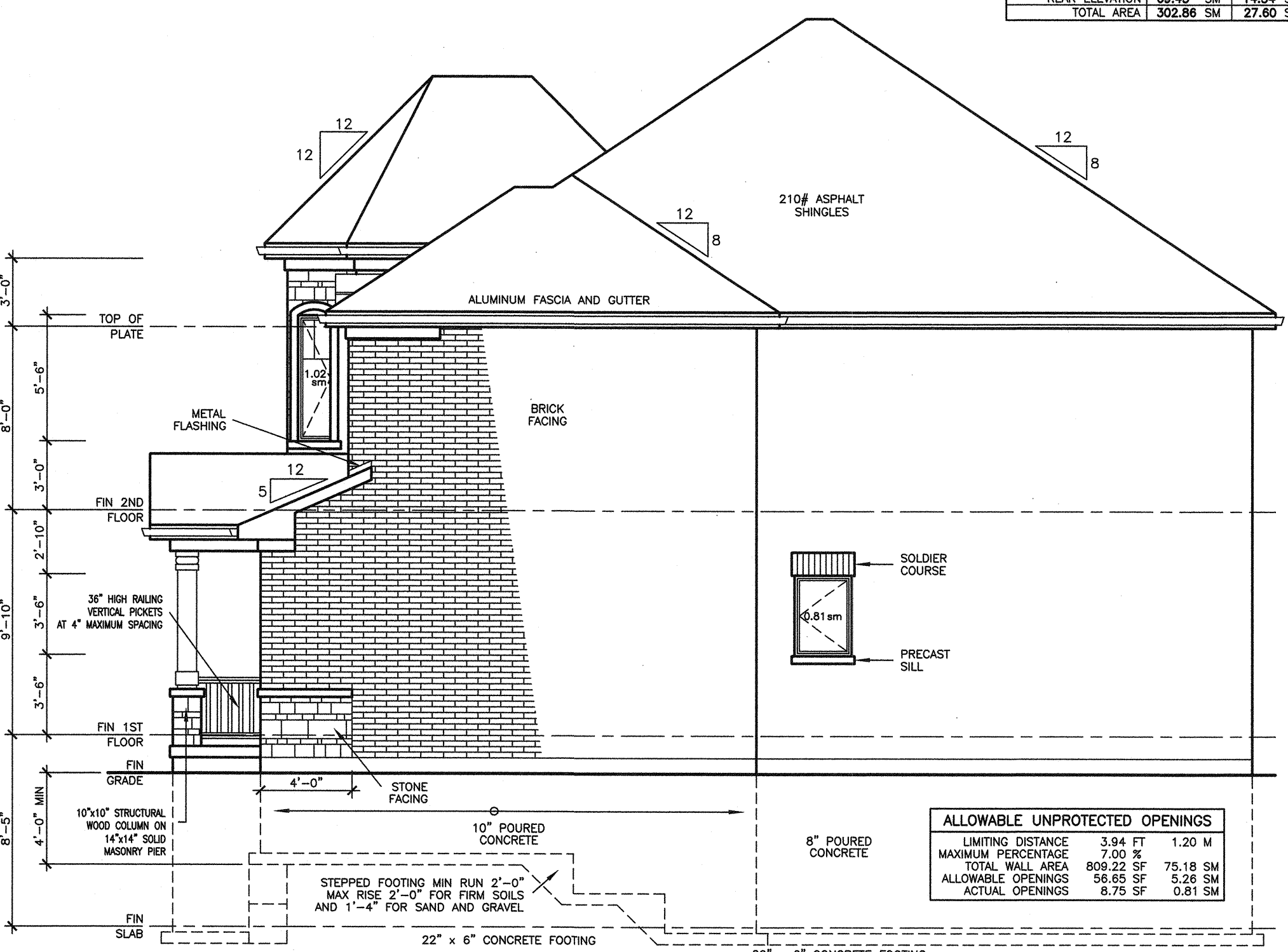
(A) HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MIN, WHERE THE LIMITING DISTANCE IS LESS THAN 1.2 m, BUT NOT LESS THAN 0.6 m, OR

(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)]



FRONT ELEVATION 'A'

WALLS AND WINDOWS AREA			
ELEVATION	WALL AREA	WINDOWS AREA	%
FRONT ELEVATION	74.05 SM	10.66 SM	
RIGHT SIDE ELEVATION	78.23 SM	0.81 SM	
LEFT SIDE ELEVATION	81.13 SM	1.59 SM	
REAR ELEVATION	89.45 SM	14.54 SM	
TOTAL AREA	302.86 SM	27.60 SM	9.11



RIGHT SIDE ELEVATION 'A'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	809.22 SF	75.18 SM
ALLOWABLE OPENINGS	56.65 SF	5.26 SM
ACTUAL OPENINGS	8.75 SF	0.81 SM

ARCHITECTURAL CONTROL

☒ Approved  
☐ Approved as Noted

MARTIN ASSOCIATES

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

Date: 05 Apr 2024

Lormel HOMES



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THE CONTRACTORS SHALL CHECK AND VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

DRAWINGS MUST NOT BE SCALED.

ARCHITECTURAL DESIGN INC.

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

ARROWHEAD MODEL 2650

PROJECT  
PROPOSED  
TWO STOREY DWELLING  
FOR: LORMEL HOMES  
AT: INNISFIL

DRAWING ELEVATIONS 'A'

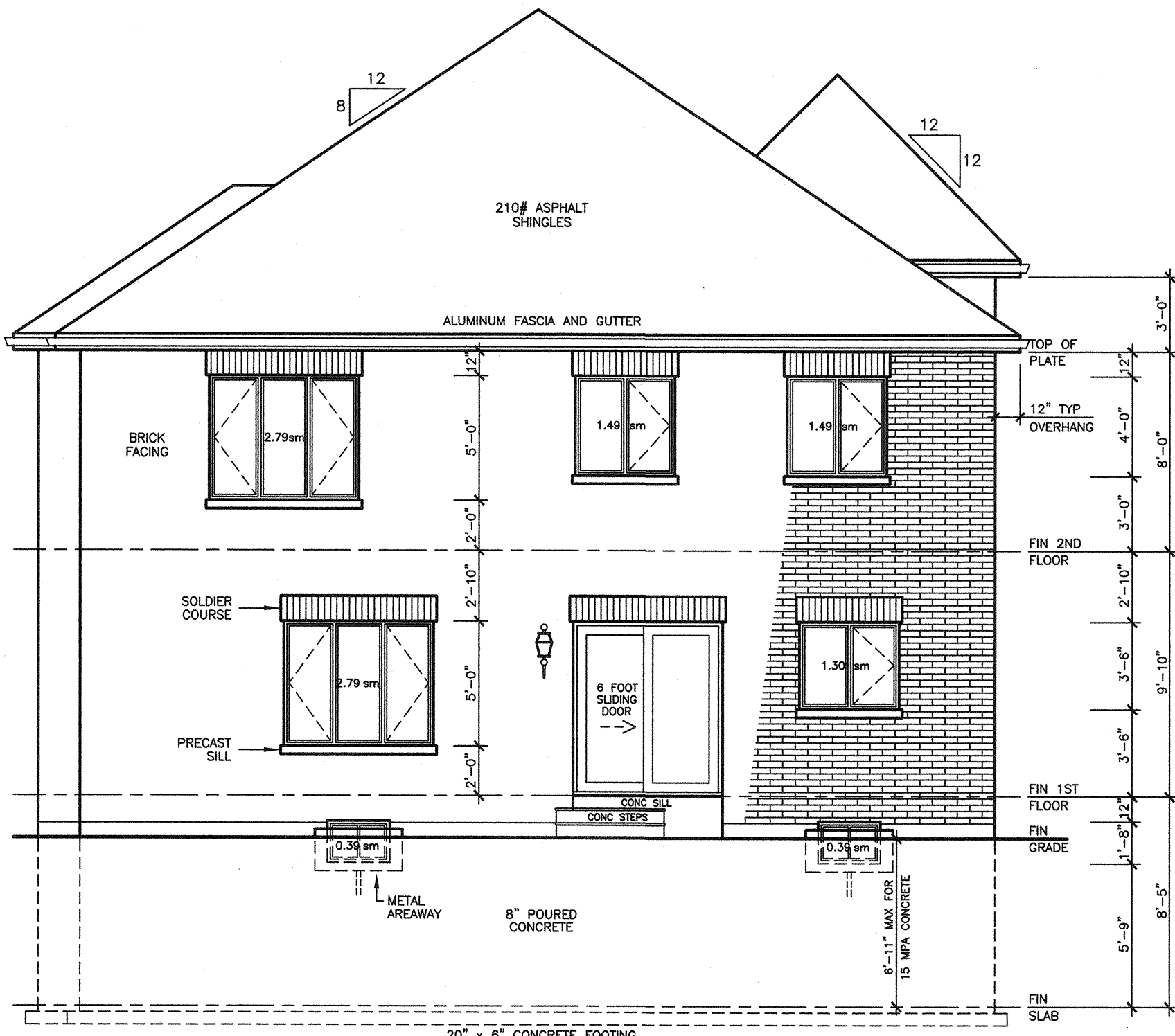
DATE	JUN '20	PROJECT NO
DRAWN	N.L.	DRAWING NO
CHECKED		
SCALE	3/16"=1'-0"	A-5

47' LOT

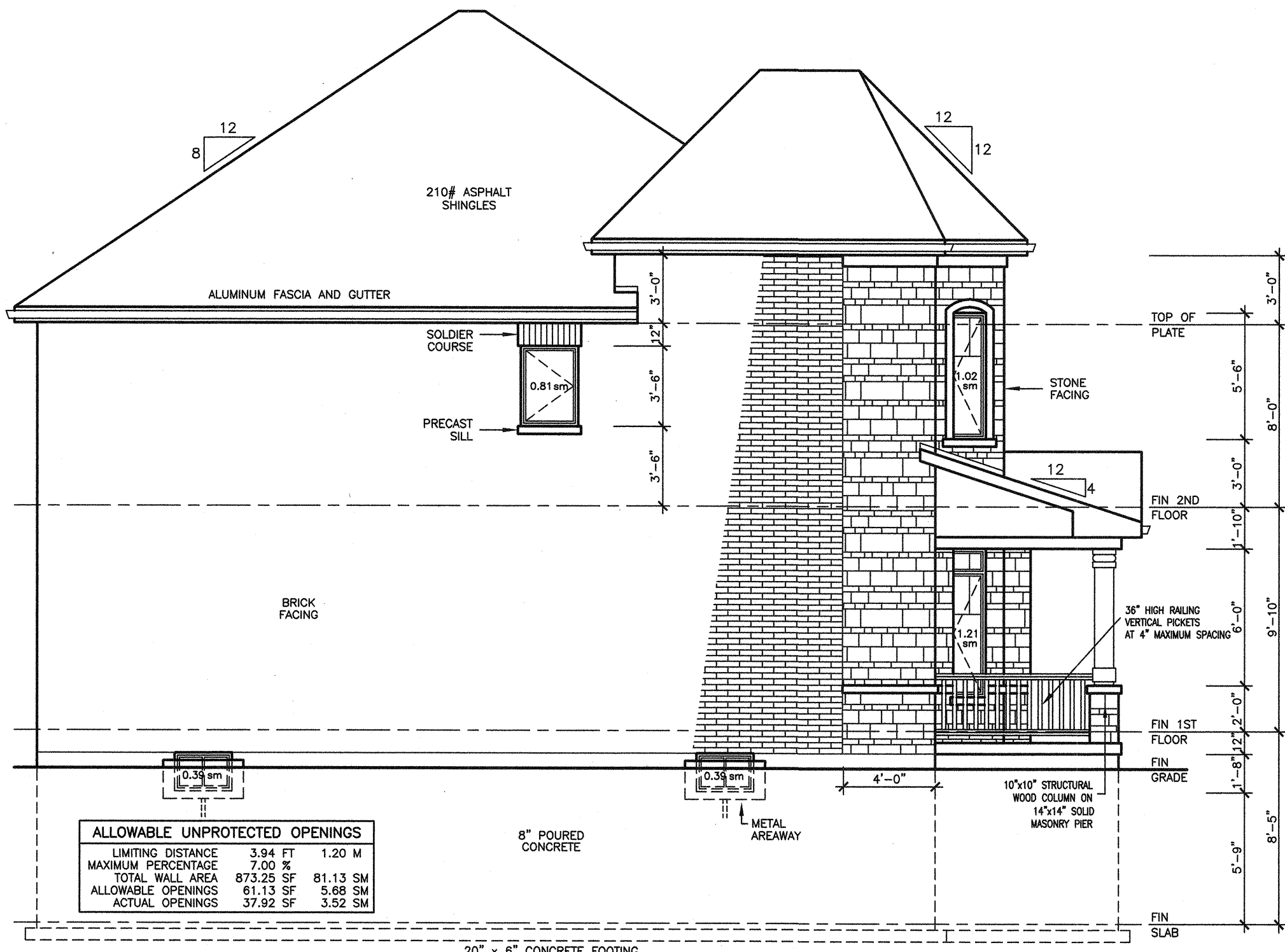




REVISIONS	
#	DATE



REAR ELEVATION 'A'



LEFT SIDE ELEVATION 'A'

ALLOWABLE UNPROTECTED OPENINGS			
LIMITING DISTANCE	3.84 FT	1.20 M	
MAXIMUM PERCENTAGE	7.00 %		
TOTAL WALL AREA	873.25 SF	81.13 SM	
ALLOWABLE OPENINGS	61.13 SF	5.68 SM	
ACTUAL OPENINGS	37.92 SF	3.52 SM	

ARCHITECTURAL CONTROL

<input checked="" type="checkbox"/> Approved	MARTIN ASSOCIATES
<input type="checkbox"/> Approved as Noted	

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Date: 05 Apr 2021



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PROJECT  
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AT: INNISFIL

DRAWING ELEVATIONS 'A'

DATE	JUN '20	PROJECT NO	
DRAWN	N.L.	DRAWING NO	A-6
CHECKED			
SCALE	3/16"=1'-0"		

47' LOT



LEONARD KALISHENKO  
AND ASSOCIATES LIMITED  
STRUCTURAL ENGINEERS  
FOR STRUCTURAL  
DESIGN ONLY



REVISIONS

#	DATE

FINISHED GRADE'S PROFILE LINE IS GENERIC AND DOES NOT REFLECT EXACT ELEVATION.

TYPES OF GLASS AND PROTECTION OF GLASS SHALL BE IN ACCORDANCE WITH OBC 9.6.1.4.

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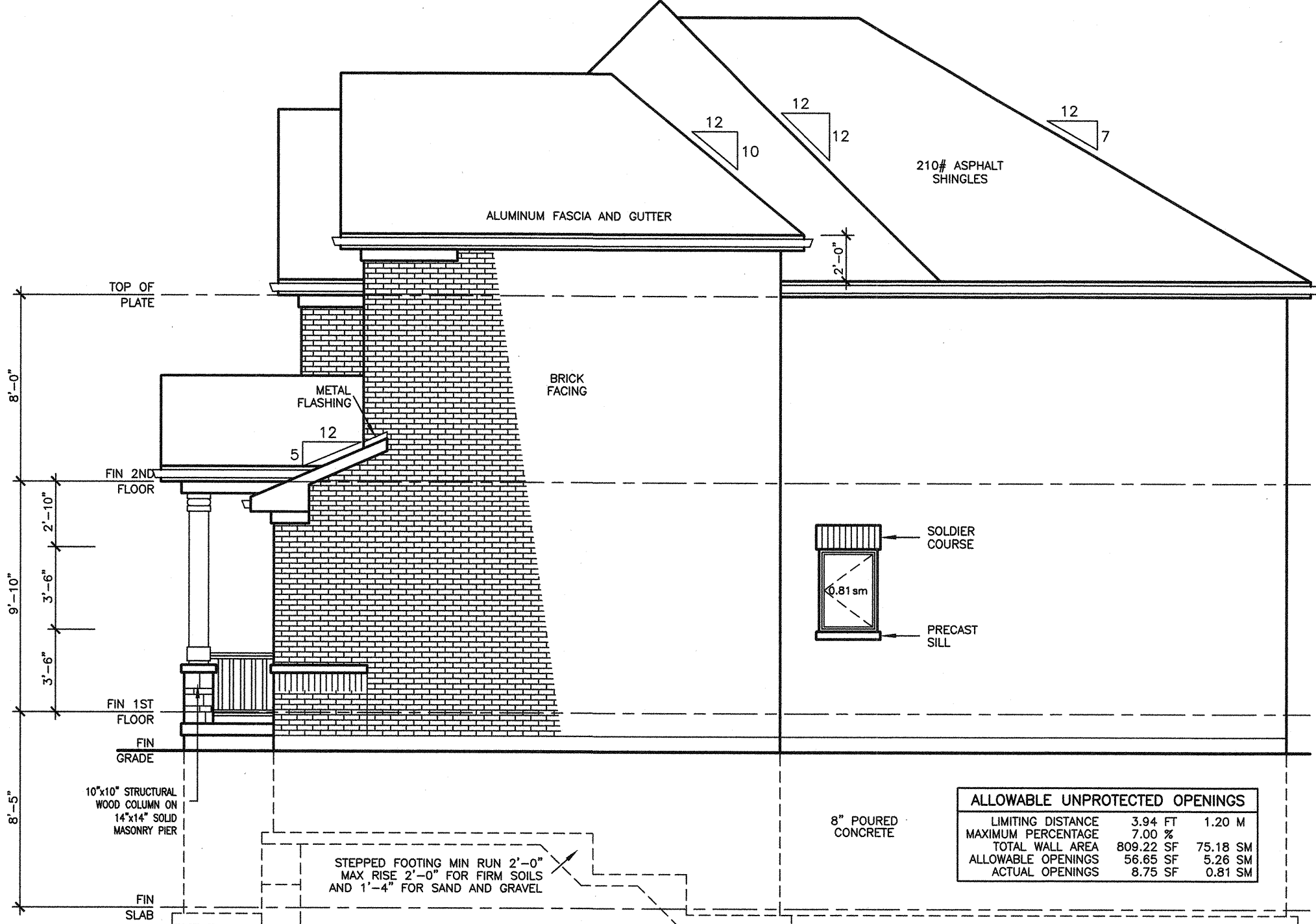
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FRONT ELEVATION 'B'

WALLS AND WINDOWS AREA			
ELEVATION	WALL AREA	WINDOWS AREA	%
FRONT ELEVATION	79.48 SM	10.05 SM	
RIGHT SIDE ELEVATION	80.99 SM	0.81 SM	
LEFT SIDE ELEVATION	77.49 SM	1.58 SM	
REAR ELEVATION	69.45 SM	14.54 SM	
TOTAL AREA	307.41 SM	26.99 SM	8.78



RIGHT SIDE ELEVATION 'B'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	809.22 SF	75.18 SM
ALLOWABLE OPENINGS	56.65 SF	5.26 SM
ACTUAL OPENINGS	8.75 SF	0.81 SM

ARCHITECTURAL CONTROL

☒ Approved  
☐ Approved as Noted

MARTIN ASSOCIATES

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05-Apr-2021-TH

Lormel HOMES



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ARCHITECTURAL DESIGN INC.

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UNIT 1  
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TEL 905 660-9393  
FAX 905 660-9419

ARROWHEAD MODEL 2650

PROJECT  
PROPOSED  
TWO STOREY DWELLING  
FOR: LORMEL HOMES  
AT: INNISFIL

DRAWING ELEVATIONS 'B'

DATE	JUN '20	PROJECT NO
DRAWN	N.L.	DRAWING NO
CHECKED		
SCALE	3/16"=1'-0"	A-7

47' LOT



[illegible]

ALLOWABLE UNPROTECTED OPENINGS			
LIMITING DISTANCE	3.94 FT	1.20 M	
MAXIMUM PERCENTAGE	7.00 %		
TOTAL WALL AREA	873.25 SF	81.13 SM	
ALLOWABLE OPENINGS	61.13 SF	5.68 SM	
ACTUAL OPENINGS	37.92 SF	3.52 SM	

47' LOT

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Date: 05/14/2021 JIV


**Lormel**  
HOMES



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ARROWHEAD  
MODEL 2650

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DRAWING  
ELEVATIONS 'B'

DATE	JUN '20	PROJECT NO
DRAWN	N.L.	
CHECKED		DRAWING NO
SCALE	3/16"=1'-0"	A-8



## GENERAL NOTES

BASED ON 2012 ONTARIO BUILDING CODE  
GENERAL CONTRACTOR RESPONSIBLE FOR COMPLYING WITH O.B.C. PART 9,  
LATEST EDITION

### FOOTINGS AND SLABS

FOOTINGS AND FOUNDATIONS TO COMPLY WITH O.B.C. SECTION 9.15  
THE COMPRESSIVE STRENGTH OF UNREINFORCED CONCRETE SLABS SHALL  
BE NOT LESS THAN 15 MPa (2,200 psi) AFTER 28 DAYS AND THE SLUMP  
SHALL BE NOT MORE THAN 75 mm (3"), UNLESS OTHERWISE SPECIFIED.  
CONCRETE SLABS USED FOR GARAGE AND CARPORT FLOORS AND EXTERIOR  
VERANDAS AND STEPS, SHALL HAVE A COMPRESSIVE STRENGTH OF NOT  
LESS THAN 32 MPa (4,600 psi) 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  
POURING OF FOOTINGS.  
MINIMUM DEPTH OF FOOTINGS - 1.2 m (4'-0") BELOW FINISHED GRADE.

HABITABLE ROOMS ON CONCRETE SLABS SHALL BE DAMPROOFED 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") (11-3/4") FOR FIRM SOILS AND 400 mm (15-3/4")  
FOR SAND OR GRAVEL.

STEPPED FOOTINGS SHALL HAVE A MINIMUM RUN OF  
300 mm (23-5/8") AND SHALL HAVE A MAXIMUM RISE OF  
600 mm (23-5/8") FOR FIRM SOILS AND 400 mm (15-3/4")  
FOR SAND OR GRAVEL.

CONCRETE SLABS RESTING ON EARTH AT GRADE SHALL BE REINFORCED  
WITH 6mm/6 WELDED WIRE MESH, REINFORCING FOR CONCRETE SLABS  
RESTING ON EARTH BELOW GRADE IS OPTIONAL.

### CONCRETE FOUNDATION WALLS

CONCRETE FOUNDATION WALLS SHALL BE PARSED BELOW GROUND  
LEVEL WITH A MINIMUM OF 6 mm (1/4") OF MORTAR AND SHALL BE  
COVERED OVER THE FOOTING WHEN THE FIRST COURSE OF BLOCK IS LAID.  
BITUMINOUS OR OTHER WATERPROOFING MATERIAL SHALL BE APPLIED OVER  
THE PARING OR Poured CONCRETE BELOW GROUND LEVEL.

THE THICKNESS OF FOUNDATION WALLS MADE OF UNREINFORCED CONC. BLOCK  
OR SOLID CONCRETE AND SUBJECT TO LATERAL EARTH PRESSURE SHALL  
CONFORM TO TABLE 9.15.4.2.A FOR WALLS NOT EXCEEDING 3.0M IN  
UNSUPPORTED HEIGHT.

CONCRETE FOUNDATION WALLS SHALL HAVE A MINIMUM THICKNESS OF  
200 mm (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") POURED CONCRETE 2.1 m (6'-11")  
240 mm (9-1/2") CONCRETE BLOCK 1.8 m (5'-11")  
280 mm (11-3/8") CONCRETE BLOCK 2.2 m (7'-3")

WHEN A FOUNDATION WALL CONTAINS AN OPENING MORE THAN 1.2 m  
(4'-0") IN LENGTH OR CONTAINS OPENINGS IN MORE THAN 23% OF ITS  
LENGTH, THAT PORTION OF THE WALL BENEATH SUCH OPENINGS SHALL BE  
CONSIDERED LATERALLY UNSUPPORTED AND SHALL BE REINFORCED.

CONCRETE BLOCK WALLS SHALL BE REINFORCED WITH 15 mm (5/8")  
DIAMETER BARS AT 400 mm (16") O.C. VERTICALLY AND HORIZONTALLY.  
REINFORCEMENTS AT 400 mm (16") O.C. HORIZONTALLY. VOIDS ABOVE  
PORTAL BARS SHALL BE FILLED WITH SOLID MASONRY.

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"x4") 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 105 mm (4 1/8") 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")  
SPRUCED AT 400 mm (16") 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 200 mm (8") O.C.

EXTERIOR WOOD COLUMNS SHALL BE ANCHORED TO CONCRETE SLABS OR  
FOOTINGS WITH A STEEL ANCHOR BOLT A MINIMUM OF 175 mm (7")  
BEYOND FINISHED GRADE AND TO THE BEAM WITH A 9 mm x 89 mm x  
286 mm (1"x4"x12") WOOD NAILING STRIP AT THE TOP OF THE COLUMN.

WOOD BEAMS SHALL HAVE AN EVEN AND  
LEVEL BEARING AND SHALL HAVE NOT LESS  
THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

PERFORMANCE OF WINDOWS, DOORS AND  
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THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

## 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 9.23.5.1.

MAXIMUM SPANS FOR WOOD FLOOR JOISTS  
SHALL CONFORM TO TABLES A-1 AND A-2  
OR WITH MANUFACTURER'S SPAN TABLES.

MAXIMUM SPANS FOR BUILD-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.

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 PROFESSIONAL ENGINEER, PRIOR TO  
CONSTRUCTION OF THE FOUNDATION.

INVESTIGATIONS TO A DEGREE APPROPRIATE  
IN PLANNING AND EXECUTING SUCH  
WORK, INCLUDING KNOWLEDGE AND EXPERIENCE  
OF THE BUILDING AND ITS USE, THE GROUND  
AND THE SURROUNDING SITE CONDITIONS.

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

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 9.2.2.2]

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 9.2.2.2]

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  
LESS THAN 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]

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 SERVING A SINGLE  
DWELLING UNIT SHALL BE SUPPORTED ON  
UNIT MASONRY OR CONCRETE  
WALLS OR PIERCEMENTS NOT LESS THAN  
150 mm (6") HIGH POURED CONCRETE OR  
CONCRETE BLOCK CURB OVER THE MAIN  
FOUNDATION WALL. [OBC 9.8.9.2]

GRANULAR MATERIAL USED TO DRAIN THE  
BOTTOM OF A FOUNDATION SHALL CONFORM  
TO OBC 9.14.1.1.

WHERE A FOUNDATION IS ERRECTED ON  
FILLED GROUND, FEAT OR SENSITIVE CLAY,  
THE FOOTING SIZES SHALL CONFORM 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 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 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

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

WOOD BEAMS SHALL HAVE AN EVEN AND  
LEVEL BEARING AND SHALL HAVE NOT LESS  
THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

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

WOOD BEAMS SHALL HAVE AN EVEN AND  
LEVEL BEARING AND SHALL HAVE NOT LESS  
THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

SWINGING ENTRANCE DOORS TO DWELLING  
UNITS, BETWEEN DWELLING UNITS OR  
BETWEEN GARAGES OR OTHER UNOCCUPIED  
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 PIER-TURNING  
RING OR BEVELLED CYLINDER HOUSING.  
[OBC 9.8.8.3]

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)]

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  
WITH 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 AIRTIGHTNESS IN  
THE EXTERIOR WALL OR THE EXTERIOR SOIL  
SHALL BE SEALED AND STRUCTURALLY SUPPORTED.  
[OBC 9.10.8.16(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-S810-M, "FACTORY-BUILT  
FIREPLACES". [OBC 9.22.8.1]

LAUNDRY FACILITIES OR A SPACE FOR  
LAUNDRY FACILITIES SHALL BE PROVIDED  
WITH A DRAINAGE SYSTEM TO THE EXTERIOR  
OR TO A SEWER OR TO A WATER TREATMENT  
PLANT. [OBC 9.22.8.1]

AN EXHAUST AIR INTAKE SHALL BE INSTALLED  
IN EACH KITCHEN, BATHROOM AND WATER  
CLOSET ROOM. [OBC 9.22.8.1]

EXCEPT FOR CLOTHES DRYERS, EXHAUST  
OUTLETS SHALL BE FITTED WITH SCREENS OF  
MESH NOT LARGER THAN 15 mm, EXCEPT  
STAIRS WITHIN DWELLING UNITS, AND  
(C) ON 2 SIDES OF STAIRS OR RAMPS  
LESS THAN 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]

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 SERVING A SINGLE  
DWELLING UNIT SHALL BE SUPPORTED ON  
UNIT MASONRY OR CONCRETE  
WALLS OR PIERCEMENTS NOT LESS THAN  
150 mm (6") HIGH POURED CONCRETE OR  
CONCRETE BLOCK CURB OVER THE MAIN  
FOUNDATION WALL. [OBC 9.8.9.2]

GRANULAR MATERIAL USED TO DRAIN THE  
BOTTOM OF A FOUNDATION SHALL CONFORM  
TO OBC 9.14.1.1.

WHERE A FOUNDATION IS ERRECTED ON  
FILLED GROUND, FEAT OR SENSITIVE CLAY,  
THE FOOTING SIZES SHALL CONFORM 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 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 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

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

WOOD BEAMS SHALL HAVE AN EVEN AND  
LEVEL BEARING AND SHALL HAVE NOT LESS  
THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
BASEMENT FORMING PART OF A DWELLING  
UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

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PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

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

WOOD BEAMS SHALL HAVE AN EVEN AND  
LEVEL BEARING AND SHALL HAVE NOT LESS  
THAN 89 mm LENGTH OF BEARING AT END  
SUPPORTS. [OBC 9.2.3.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A  
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UNIT. [OBC 9.3.1.4.1]

CAPACITY AND SOUND RATINGS FOR REQUIRED  
FANS SHALL CONFORM TO OBC 9.3.2.3.9.

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  
THAT STAIRWAY. [OBC 9.3.4.2.2]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED FOR EACH 30 m<sup>2</sup> OF FLOOR AREA  
OR FRACTION THEREOF IN UNFINISHED BASEMENTS.  
[OBC 9.3.4.2.4]

A LIGHTING OUTLET WITH FIXTURE SHALL BE  
PROVIDED IN STORAGE ROOMS. [OBC 9.3.4.2.5]

REINFORCED CONCRETE SLABS SHALL  
CONFORM TO OBC 9.3.9.

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

THE MINIMUM DEPTH OF FOUNDATIONS BELOW  
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 80 mm THICK, AND  
(B) TIED TO THE FACING MATERIAL WITH  
METAL TIES CONFORMING TO OBC 9.20.9.4.(3)

(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  
SHALL BE PROVIDED WITH THERMAL INSULATION  
IN CONFORMANCE WITH OBC SECTIONS 12.2  
[OBC 9.25.2.1]

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]

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  
OBC 9.8.7.7.

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 9.8.9.8.

FIRE BLOCK MATERIALS SHALL CONFORM TO  
OBC 9.10.16.3.

SMOKE ALARMS CONFORMING TO  
CAN/ULC-331, "SMOKE ALARMS", SHALL  
BE INSTALLED IN EACH DWELLING UNIT IN  
CONFORMANCE WITH OBC 9.10.19.

FIREPLACE INSERTS AND HEARTH-MOUNTED  
STOVES SHALL CONFORM TO OBC 9.22.10.

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.

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