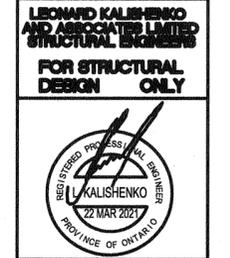


#	ISSUED FOR ARCHITECTURAL CONTROL	DATE
1	ISSUED FOR ARCHITECTURAL CONTROL	MR 28 20
2	REVISED WIDTH OF GARAGE	AU 18 20



**ARCHITECTURAL CONTROL**

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 2021



ALL DRAWINGS & SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT AND CANNOT BE USED OR REPRODUCED WITHOUT HIS APPROVAL.

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  
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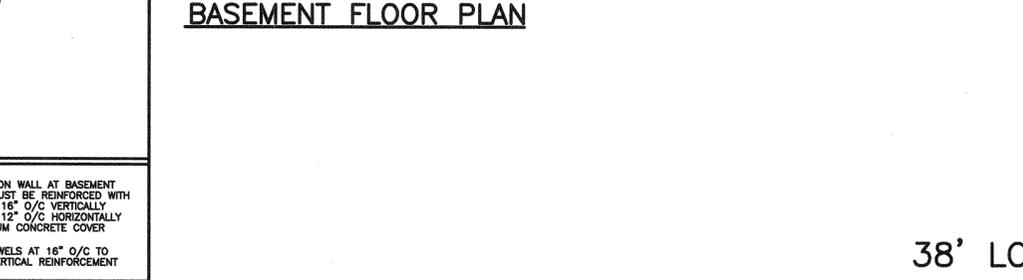
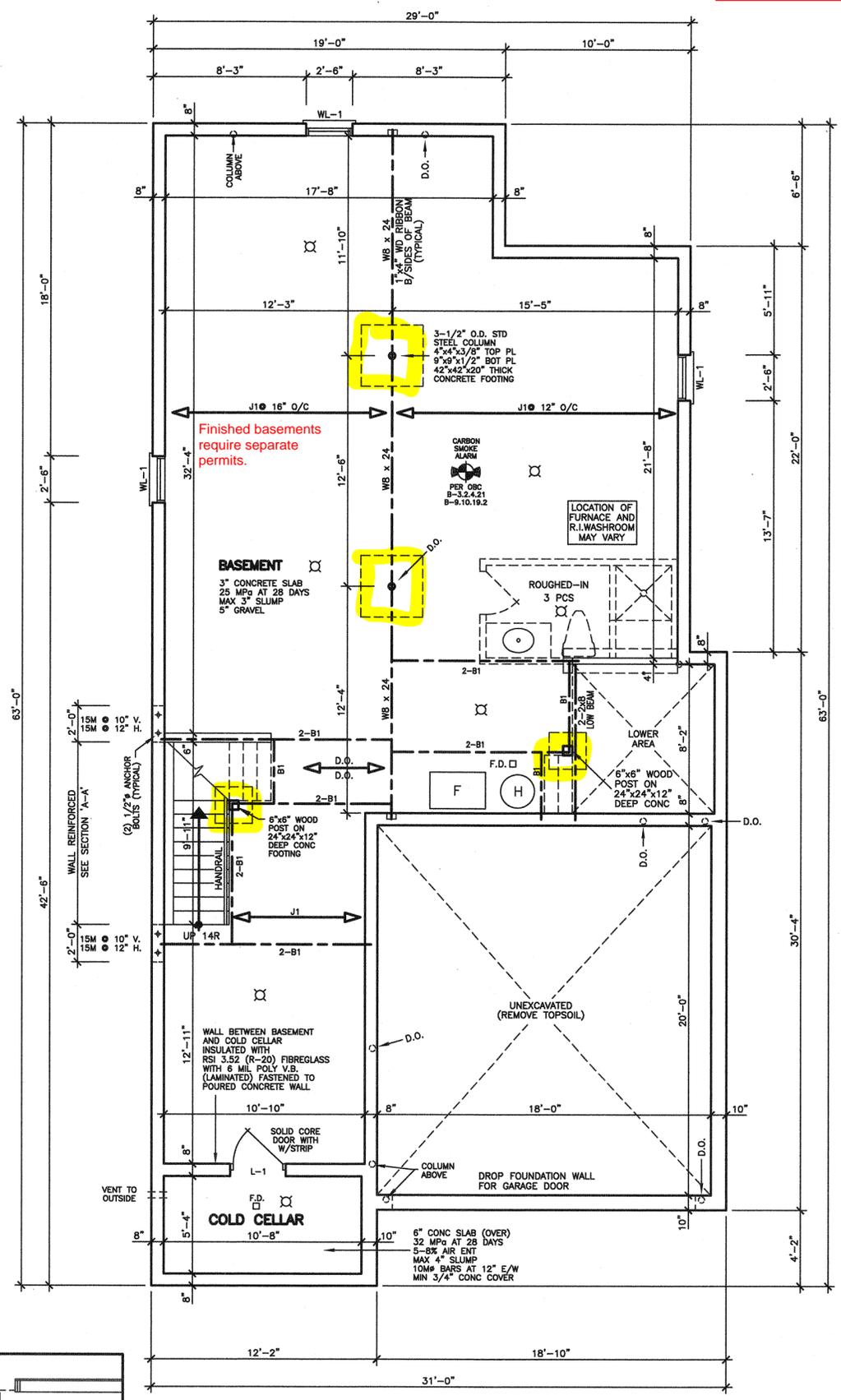
**TIMISKAMING MODEL 2775**

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

DRAWING  
BASEMENT FLOOR PLAN AND CROSS SECTION

DATE	FEB '20	PROJECT NO	19-66
DRAWN	N.L.	DRAWING NO	A-2
CHECKED			
SCALE	3/16"=1'-0"		

38' LOT



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 FINISHING, 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 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 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.

(9.3.15.4.2) 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:

250 mm (10") 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 1950 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 965 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 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 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 B 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 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 9.8.9.6.

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.

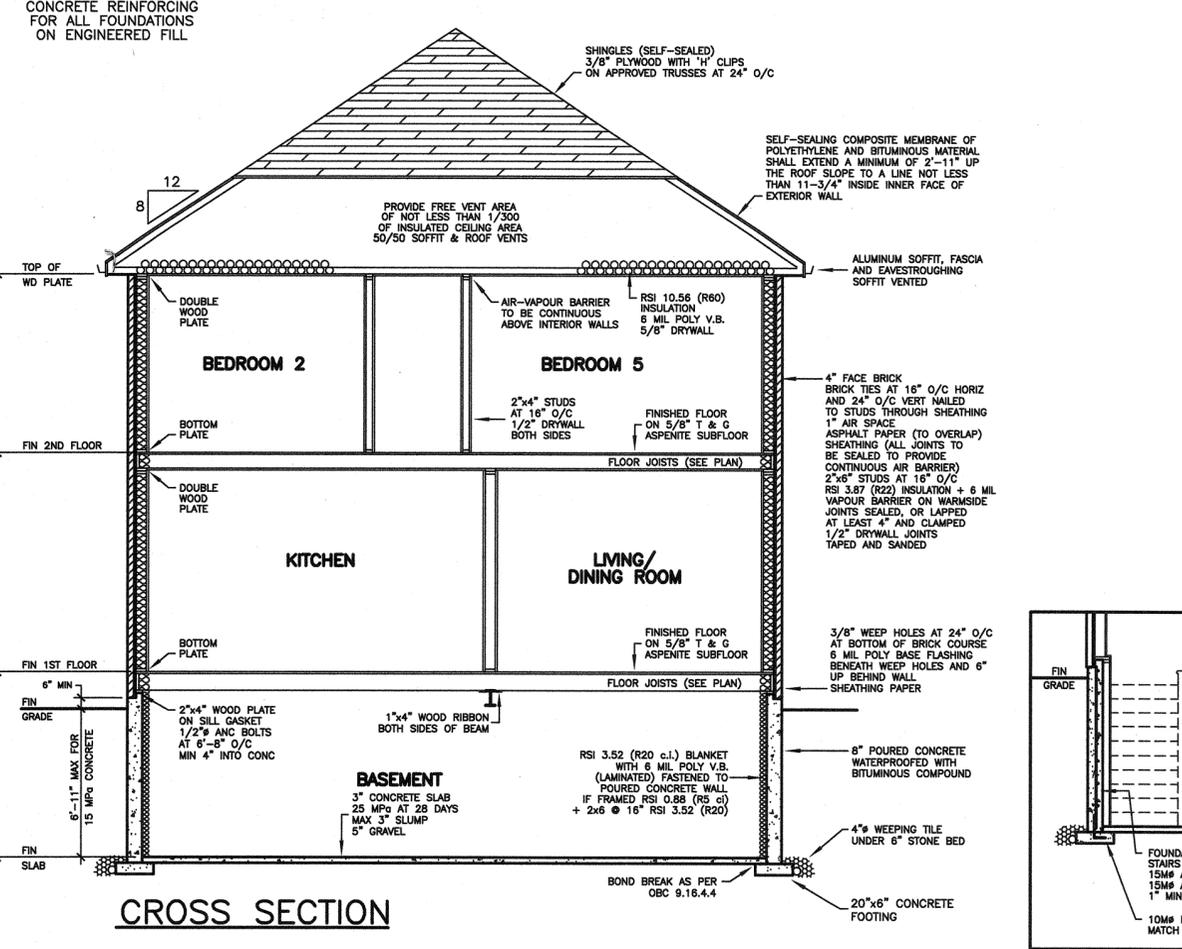
ALL NATURAL VENTILATION OF ROOMS AND SPACES, AND SELF-CONTAINED MECHANICAL VENTILATION SYSTEMS SHALL COMPLY WITH OBC SECTION 9.32.

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 800 mm IN LENGTH AS MEASURED FROM THE FINISHED GROUND TO THE UNDERSIDE OF THE SUPPORTED MEMBER. [OBC 9.17.2.2.(3)]



CROSS SECTION

SECTION 'A-A'

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  
 (C) 20 MPa FOR GARAGE AND CARPORT FLOORS AND EXTERIOR STEPS SHALL HAVE AIR ENTRAINMENT OF 5 TO 8%. [OBC 9.3.1.6]

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 9.5.2.3.

WINDOWS, DOORS AND SKYLIGHTS SHALL CONFORM TO OBC 9.5.2.3.

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].

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. [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-S810-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 LARGER OPENINGS. [OBC 9.32.3.12.(10)]

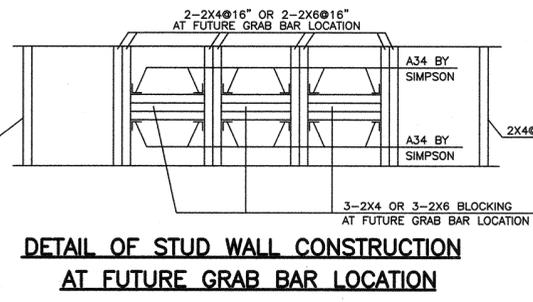
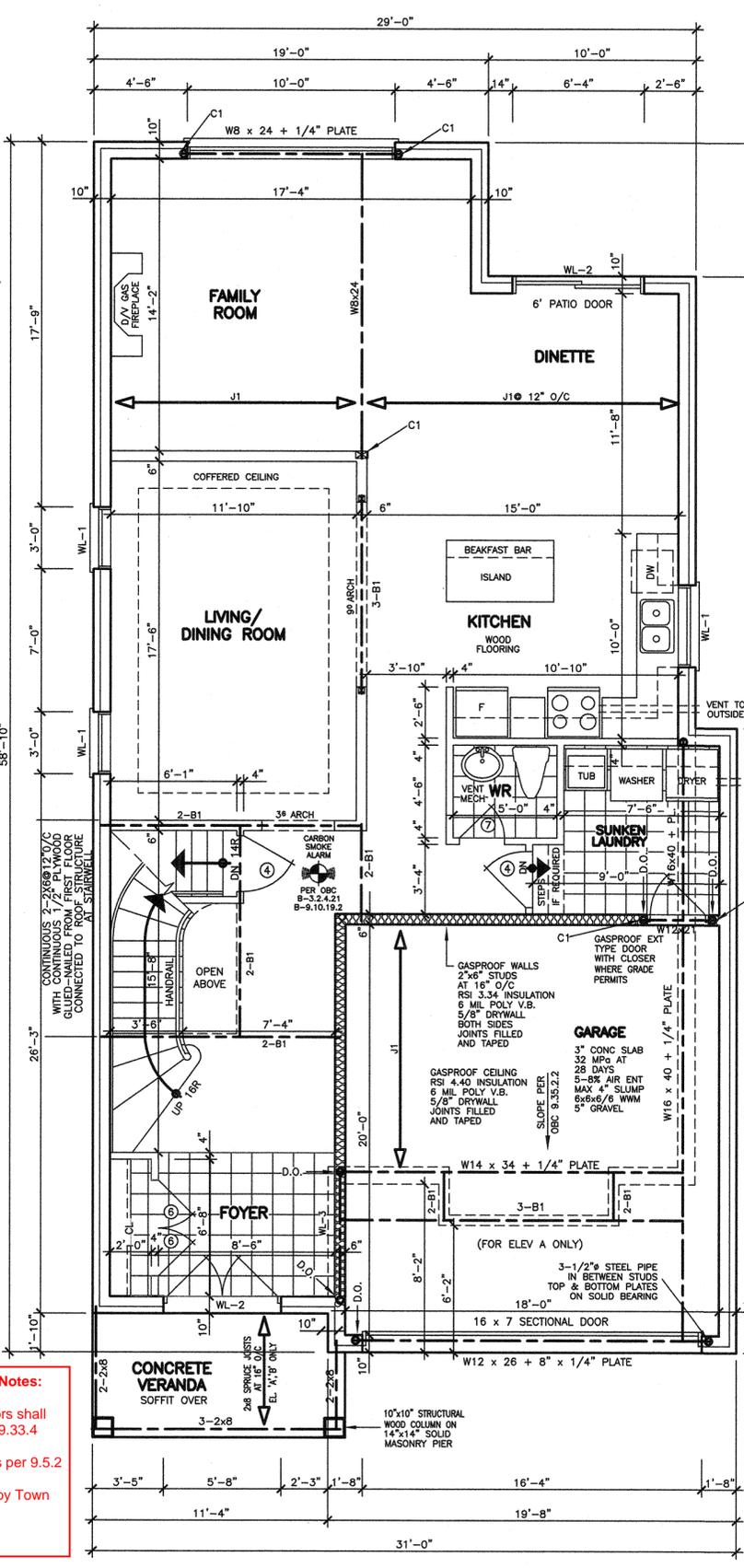
THE DESIGN, CONSTRUCTION AND INSTALLATION, INCLUDING THE PROVISION OF COMBUSTION AIR, OF SOLID-FUEL BURNING APPLIANCES AND EQUIPMENT, INCLUDING STOVES, COOK TOPS AND SPACE HEATERS, SHALL CONFORM TO CAN/CSA-B365-M, "INSTALLATION CODE FOR SOLID-FUEL-BURNING APPLIANCES AND EQUIPMENT". [OBC 9.33.1.2]

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]

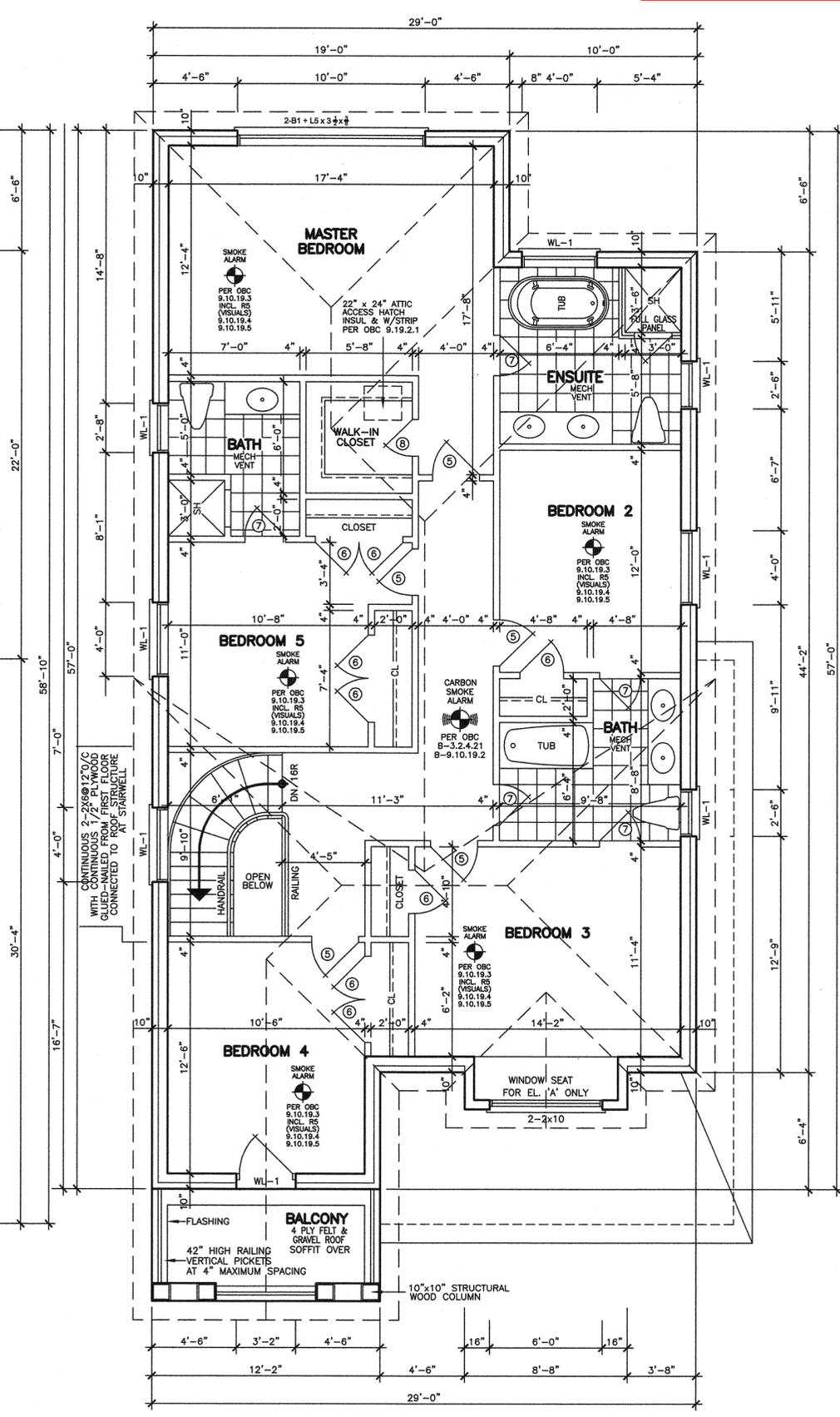
3-WAY WALL SWITCHES LOCATED AT THE HEAD AND FOOT OF EVERY STAIRWAY SHALL BE PROVIDED TO CONTROL AT LEAST ONE LIGHTING OUTLET WITH FIXTURE FOR STAIRWAYS WITH 4 OR MORE RISERS IN DWELLING UNITS. [OBC 9.34.2.3(2)]

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

**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



- STRUCTURAL LEGEND**
- C1 - DENOTES 3/8" HSS CW TOP PLATE & 8" x 8" BOT. PLATE + 2-#8 ANCHORS
  - J1 - 9/8" NI-40K (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 6" STRIP FOOTINGS
  - PROVIDE CONTINUOUS 2-2X6 @ 12" O/C CONTINUOUS WITH #4 PLYWOOD GLUED-NAILED FROM FIRST FLOOR CONNECTED TO ROOF STRUCTURE AT STAIRWELL OPENINGS AT EXTERIOR WALLS.
  - FOR JOISTS & WOOD BEAM LAYOUT, SEE TAMARACK LUMBER DWGS
  - ALL #4 PLATES FOR BRICK SUPPORT SHOULD BE STRUCTURALLY WELDED TO STEEL BEAMS.
  - PROVIDE 3-2X6 OR 4-2X4 POSTS UNDER EACH WOOD BEAM (B1) BEARINGS.
  - PROVIDE DOUBLE STUDS AT EACH END OF WOOD LINTELS BEARINGS (TYP. UN)



**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 of the structural design.

05 APR 2021 - TM

**REVISIONS**

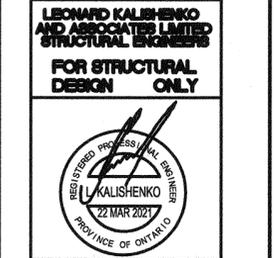
#	DATE	DESCRIPTION
1	JA 13 20	ISSUED FOR CLIENT REVIEW
2	JA 20 20	ISSUED FOR CLIENT REVIEW
3	JA 24 20	ISSUED FOR CLIENT REVIEW
4	FE 05 20	WRK DWGS AS PER DRAFT
5	MR 28 20	ISSUED FOR ARCHITECTURAL CONTROL
6	AU 19 20	REVISED WIDTH OF GARAGE

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	= 1287.17 SF
2nd FLOOR	= 1498.72 SF
(-OPENINGS)	= -15.64 SF
TOTAL	= 2770.25 SF
COVERAGE	= 257.37 SM
	= 156.17 SM



ALL DRAWINGS & SPECIFICATIONS ARE THE PROPERTY OF THE ARCHITECT AND CANNOT BE USED OR REPRODUCED WITHOUT HIS APPROVAL.

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  
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 FAX 905 660-9419

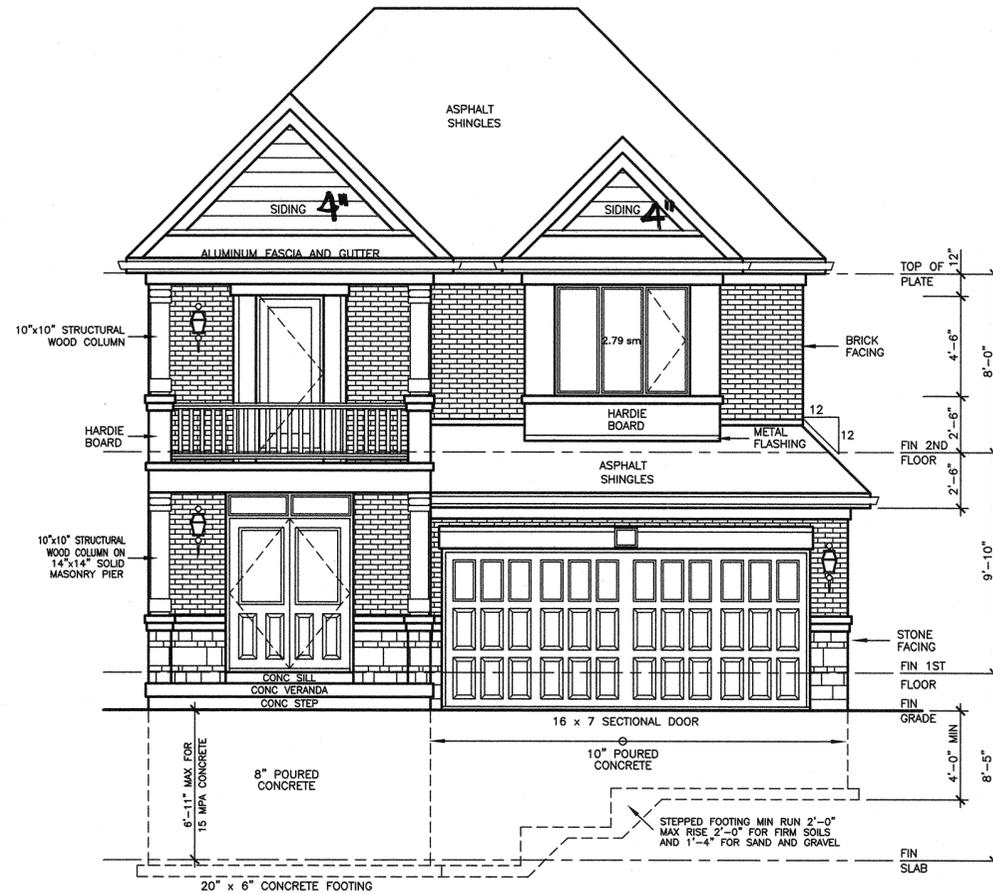
**TIMISKAMING MODEL 2775**

PROJECT PROPOSED TWO STOREY DWELLING  
 FOR: LORMEL HOMES AT: INNISFIL PHASE IV  
 DRAWING FIRST AND SECOND FLOOR PLANS

DATE	FEB '20	PROJECT NO	19-66
DRAWN	N.L.	DRAWING NO	A-3
CHECKED			
SCALE	3/16"=1'-0"		

REVISIONS

#	DATE
1	ISSUED FOR ARCHITECTURAL CONTROL MR 28 20
2	REVISED WIDTH OF GARAGE AU 18 20



FRONT ELEVATION 'A'

WALLS AND WINDOWS AREA			
ELEVATION	WALL AREA	WINDOWS AREA	%
FRONT ELEVATION	54.21 SM	2.79 SM	
RIGHT SIDE ELEVATION	106.00 SM	4.80 SM	
LEFT SIDE ELEVATION	106.12 SM	6.96 SM	
REAR ELEVATION	54.44 SM	15.08 SM	
TOTAL AREA	320.77 SM	29.63 SM	9.24

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 9.14.6.3]

WHERE STEP FOOTINGS ARE USED, THE VERTICAL RISE BETWEEN THE HORIZONTAL PORTIONS SHALL NOT EXCEED 800 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)]

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 9.20.13.5]

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 9.8.8.8, ON EACH SIDE THAT IS NOT PROTECTED BY A WALL FOR THE LENGTH WHERE:

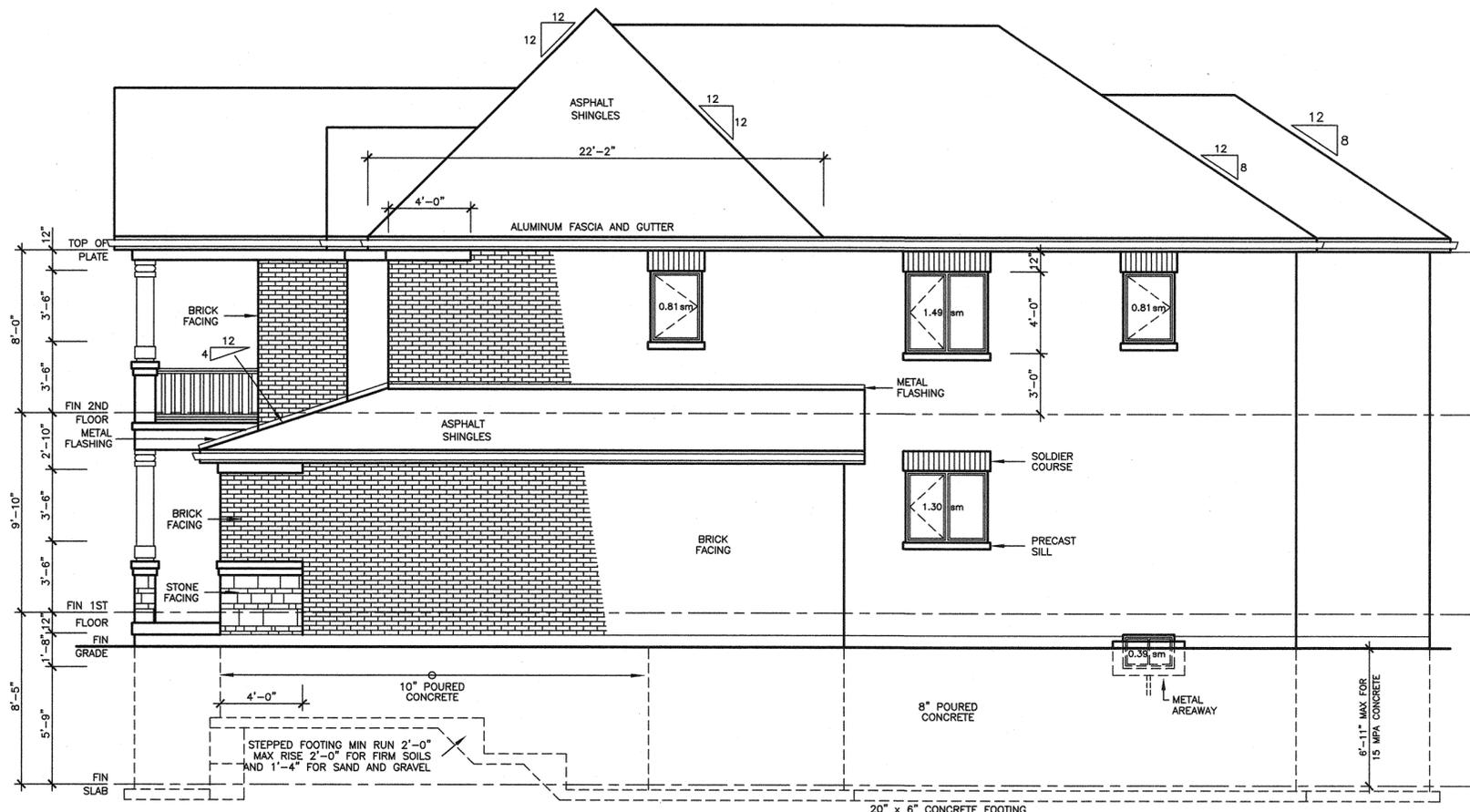
(A) THERE IS A DIFFERENCE IN ELEVATION OF MORE THAN 800 mm, OR

(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)]



RIGHT SIDE ELEVATION 'A'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	934.75 SF	86.84 SM
ALLOWABLE OPENINGS	65.43 SF	6.08 SM
ACTUAL OPENINGS	48.33 SF	4.49 SM

ARCHITECTURAL CONTROL

Approved MARTIN ASSOCIATES

Approved as Noted

Date: 05 APR 2021



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THE CONTRACTOR 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

TIMISKAMING MODEL 2775

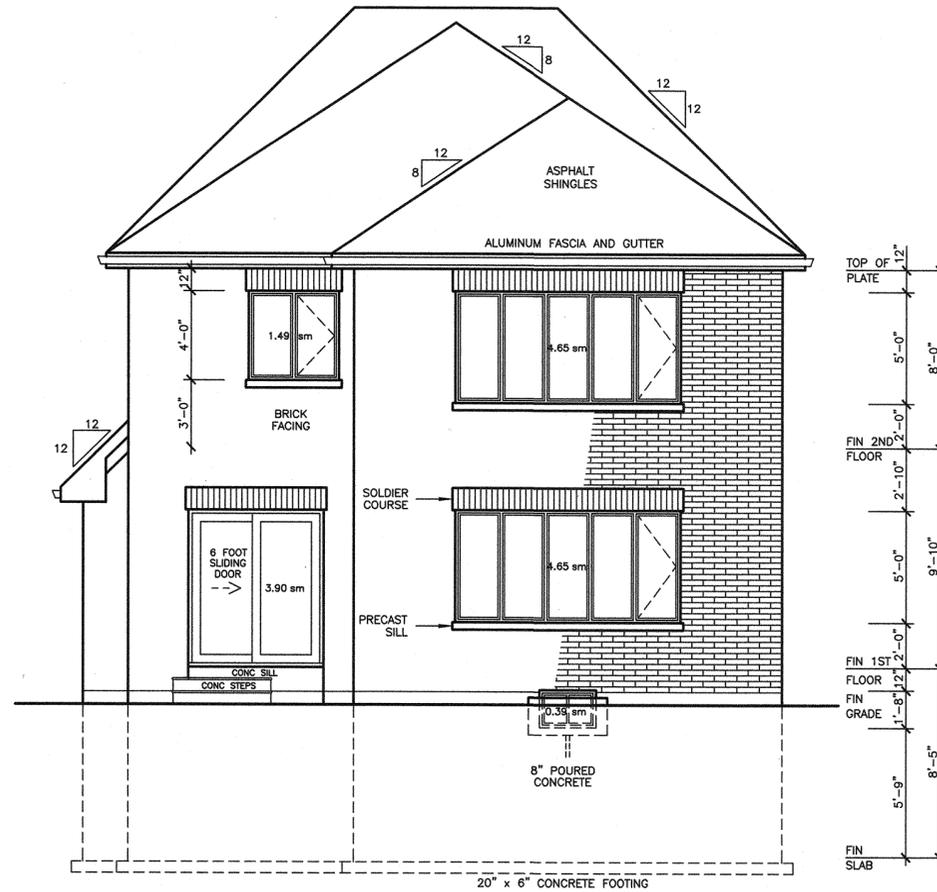
PROJECT PROPOSED TWO STOREY DWELLING FOR: LORMEL HOMES AT: INNISFIL PHASE IV

DRAWING FRONT AND RIGHT SIDE ELEVATIONS 'A'

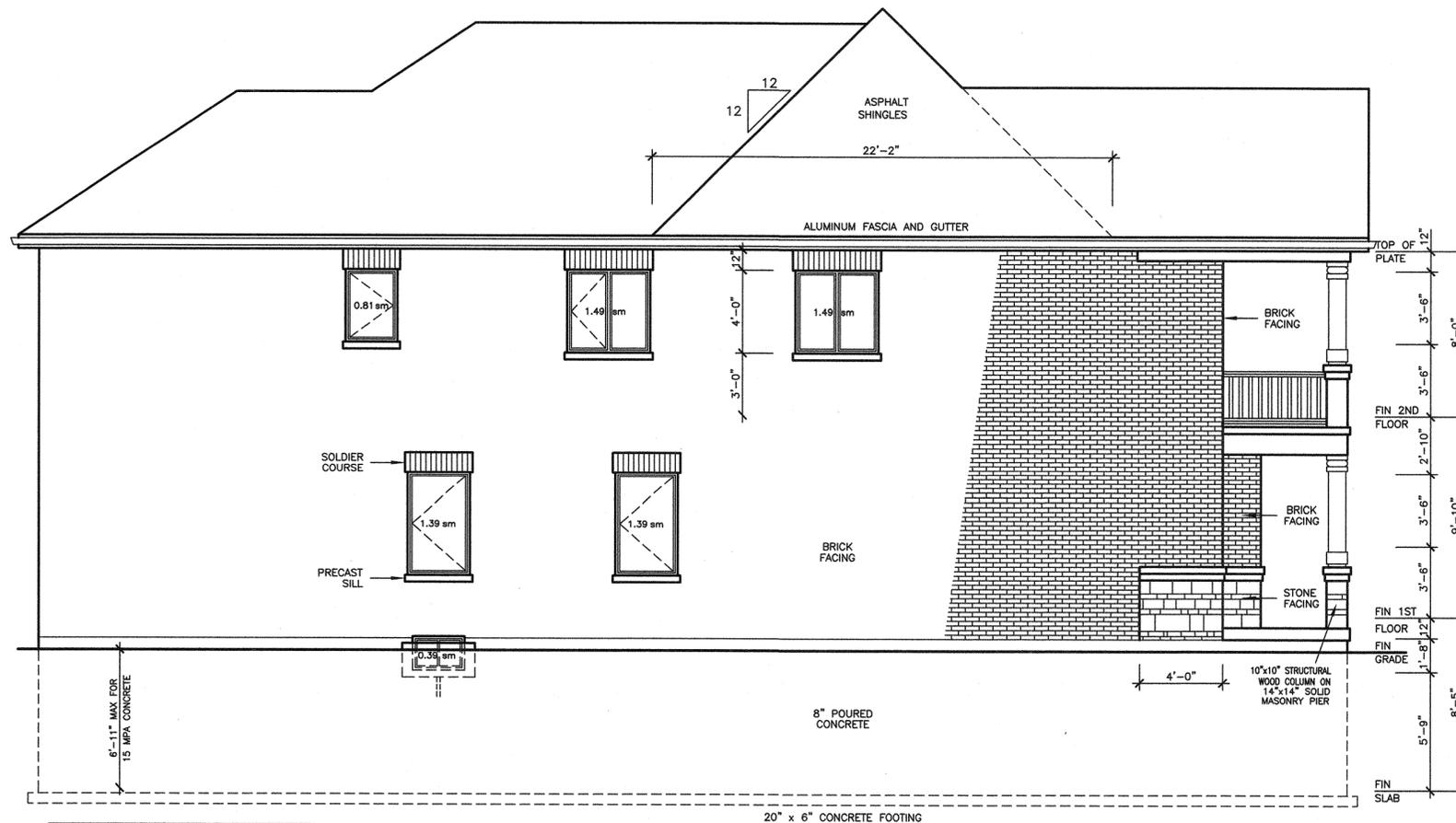
DATE	FEB '20	PROJECT NO	19-66
DRAWN	N.L.	DRAWING NO	
CHECKED			
SCALE	3/16"=1'-0"		A-4

38' LOT

REVISIONS	
#	DATE
1	ISSUED FOR ARCHITECTURAL CONTROL MR 28 20
2	REVISED WIDTH OF GARAGE AU 18 20



REAR ELEVATION 'A'



LEFT SIDE ELEVATION 'A'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	1124.50 SF	104.47 SM
ALLOWABLE OPENINGS	78.72 SF	7.31 SM
ACTUAL OPENINGS	71.58 SF	6.65 SM



**ARCHITECTURAL CONTROL**

Approved **MARTIN ASSOCIATES**

Approved as Noted

*05 Apr 2021*

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 purposes.



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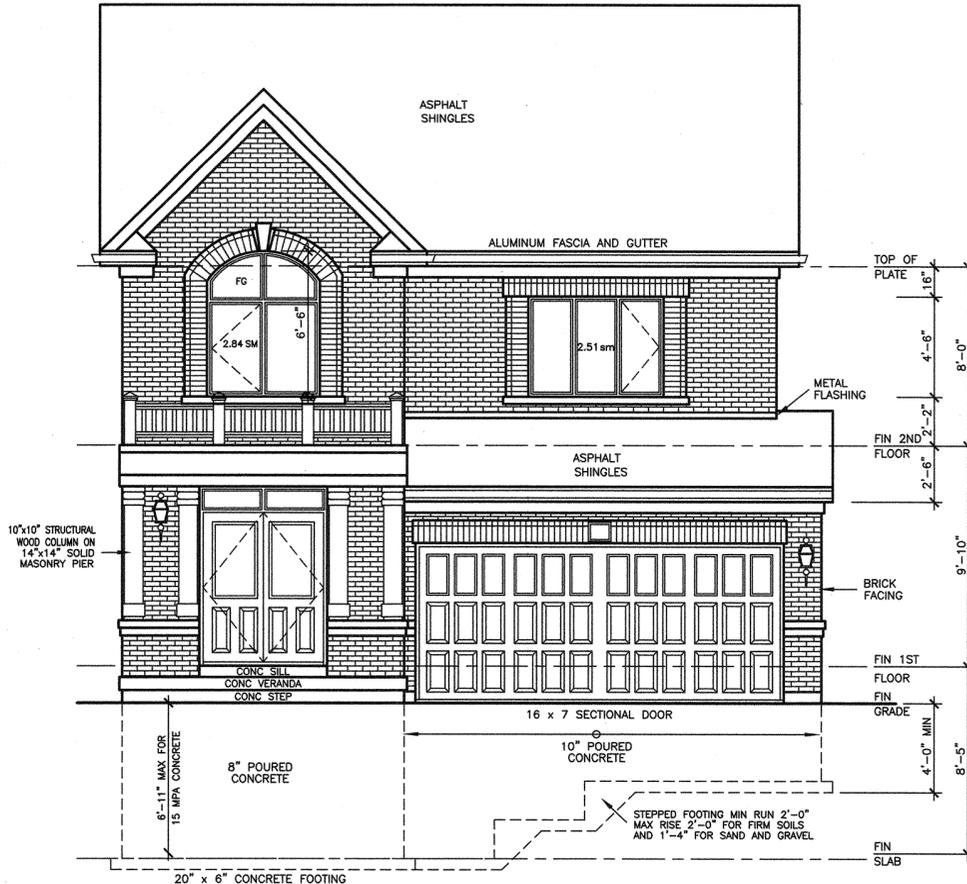
**TIMISKAMING MODEL 2775**

PROJECT  
PROPOSED TWO STOREY DWELLING  
FOR: LORNE HOMES AT: INNISFIL PHASE IV

DRAWING  
REAR AND LEFT SIDE ELEVATIONS 'A'

DATE	FEB '20	PROJECT NO	19-66
DRAWN	N.L.	DRAWING NO	A-5
CHECKED			
SCALE	3/16"=1'-0"		

38' LOT



FRONT ELEVATION 'B'

WALLS AND WINDOWS AREA			
ELEVATION	WALL AREA	WINDOWS AREA	%
FRONT ELEVATION	54.21 SM	5.04 SM	
RIGHT SIDE ELEVATION	106.00 SM	4.80 SM	
LEFT SIDE ELEVATION	106.12 SM	6.96 SM	
REAR ELEVATION	54.44 SM	15.08 SM	
TOTAL AREA	320.77 SM	31.88 SM	9.94

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 9.14.6.3]

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 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]

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(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)]

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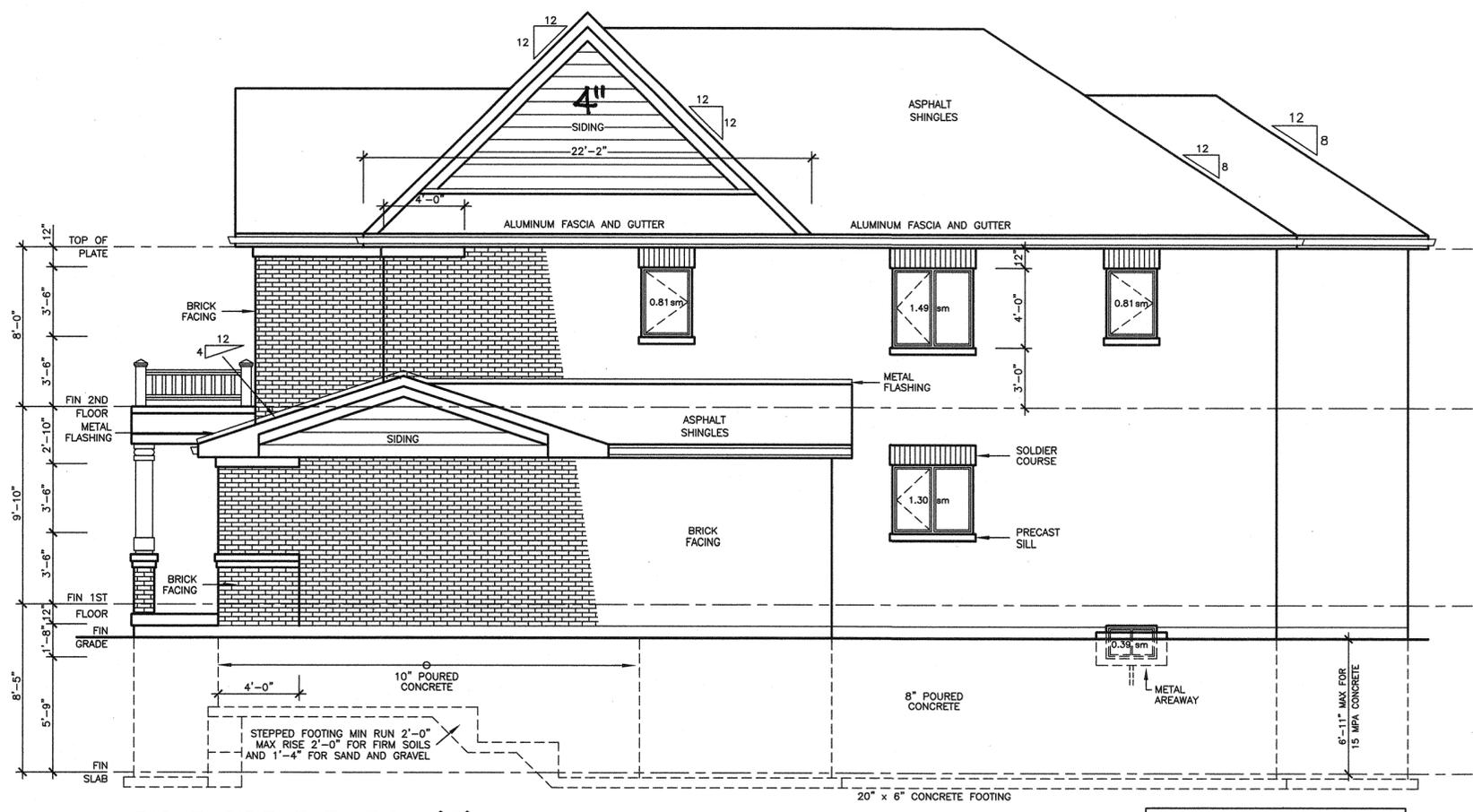
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REVISIONS

#	DATE
1	ISSUED FOR ARCHITECTURAL CONTROL MR 28 20
2	REVISED WIDTH OF GARAGE AU 18 20



RIGHT SIDE ELEVATION 'B'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	934.75 SF	86.84 SM
ALLOWABLE OPENINGS	65.43 SF	6.08 SM
ACTUAL OPENINGS	48.33 SF	4.49 SM

ARCHITECTURAL CONTROL

Approved MARTIN ASSOCIATES

Approved as Noted

05 APR 2021 JM



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ARCHITECTURAL DESIGN INC.

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TIMISKAMING MODEL 2775

PROJECT PROPOSED TWO STOREY DWELLING FOR: LORNE HOMES AT: INNISFIL PHASE IV

DRAWING FRONT AND RIGHT SIDE ELEVATIONS 'B'

DATE	PROJECT NO
FEB '20	19-66
DRAWN	DRAWING NO
N.L.	
CHECKED	SCALE
	3/16"=1'-0"
	A-6

38' LOT

REVISIONS	
#	DATE
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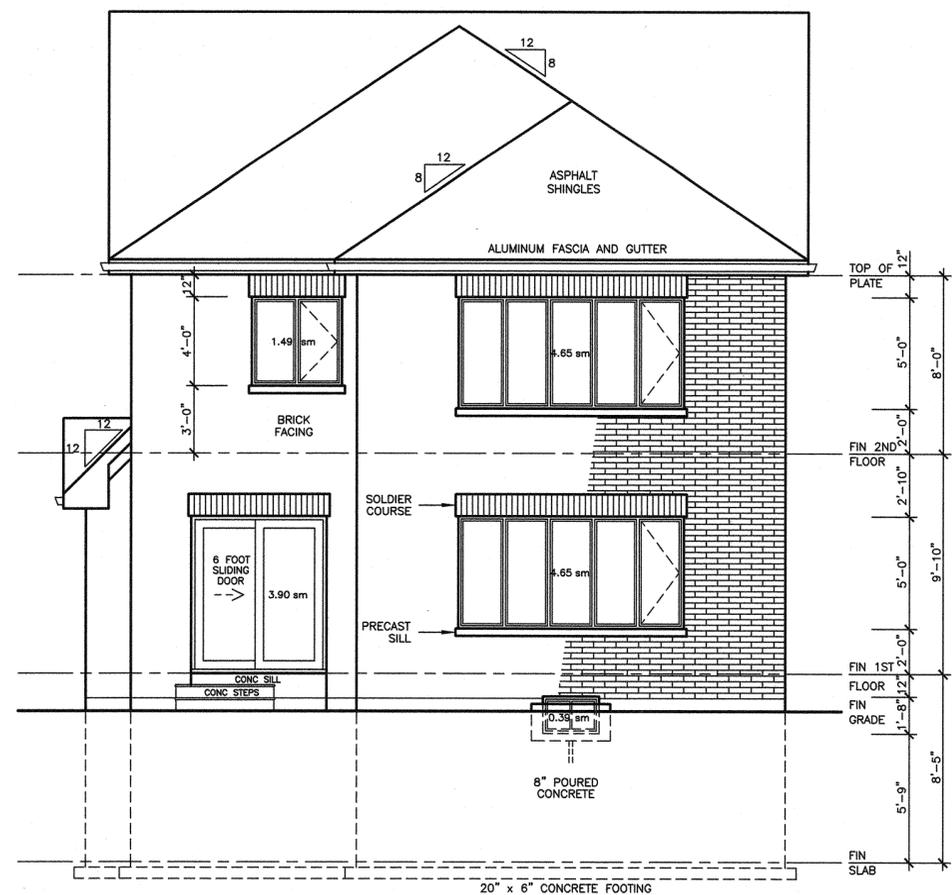
**ARCHITECTURAL DESIGN INC.**  
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**TIMISKAMING MODEL 2775**

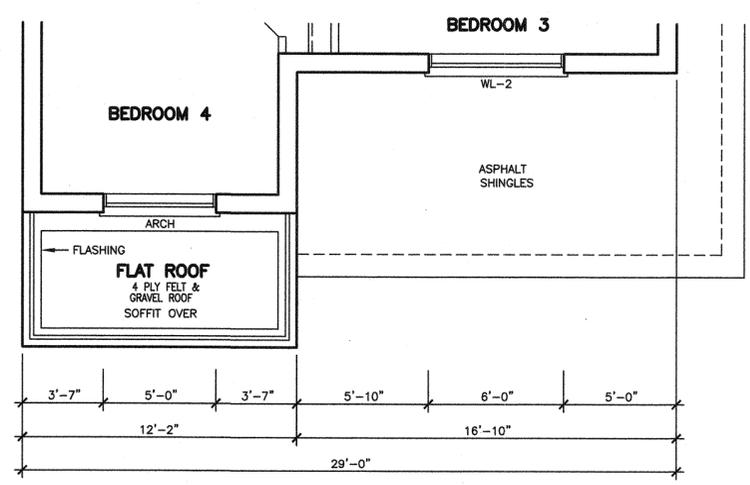
PROJECT  
PROPOSED TWO STOREY DWELLING  
FOR: LORNEL HOMES AT: INNISFIL PHASE IV

DRAWING  
REAR AND LEFT SIDE ELEVATIONS 'B'

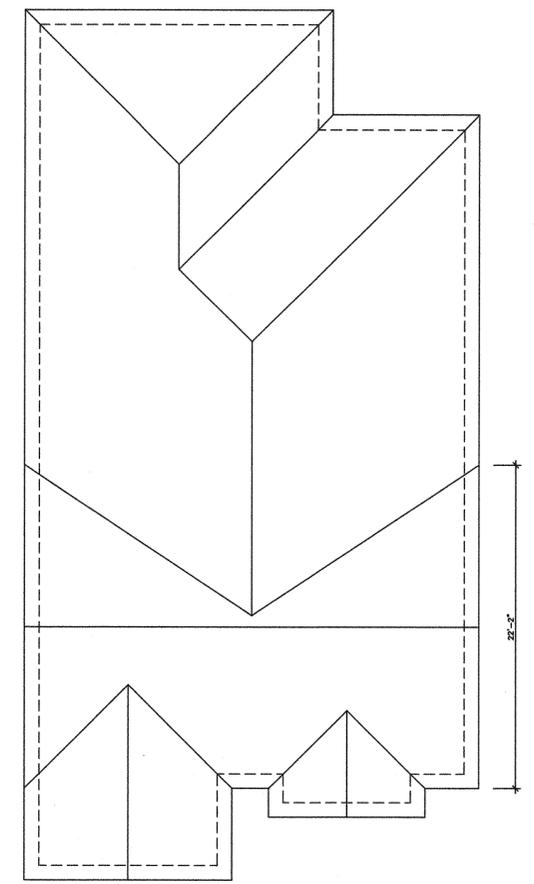
DATE	FEB '20	PROJECT NO	19-66
DRAWN	N.L.	DRAWING NO	A-7
CHECKED			
SCALE	3/16"=1'-0"		



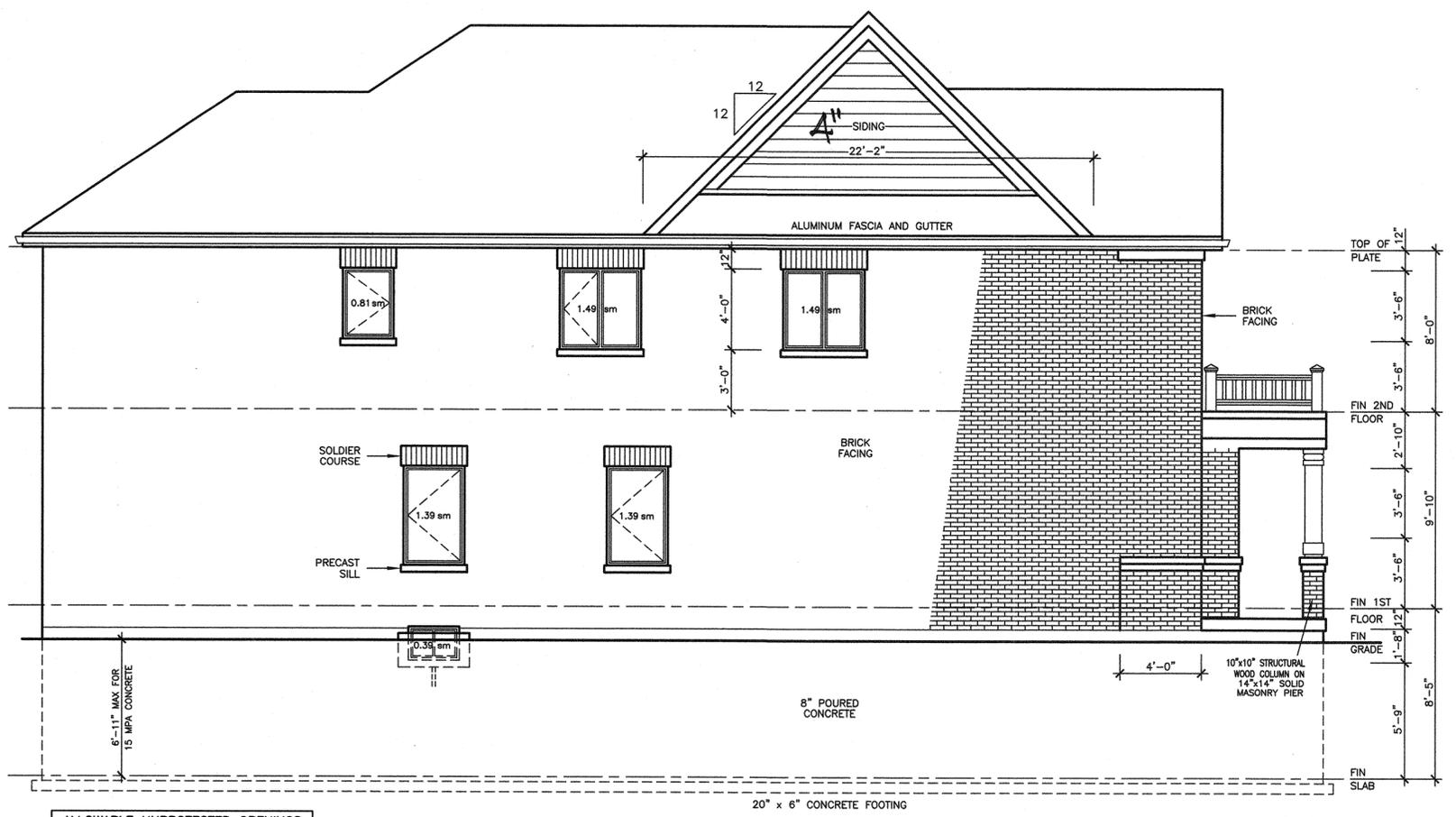
REAR ELEVATION 'B'



SECOND FLOOR PLAN 'B'



ROOF PLAN 'B'



LEFT SIDE ELEVATION 'B'

ALLOWABLE UNPROTECTED OPENINGS		
LIMITING DISTANCE	3.94 FT	1.20 M
MAXIMUM PERCENTAGE	7.00 %	
TOTAL WALL AREA	1124.50 SF	104.47 SM
ALLOWABLE OPENINGS	78.72 SF	7.31 SM
ACTUAL OPENINGS	71.58 SF	6.65 SM

ARCHITECTURAL CONTROL

Approved MARTIN ASSOCIATES  
Approved as Noted

05 Apr 2021

38' LOT

GENERAL NOTES

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

FOOTINGS AND FOUNDATIONS

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 (2200 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 22 MPa (3200 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")

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 BARS/RODS WELDED MESH. REINFORCING FOR CONCRETE SLABS RESTING ON EARTH BELOW GRADE IS OPTIONAL.

CONCRETE FOUNDATION WALLS

CONCRETE BLOCK 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.

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") FOR CONCRETE BLOCK 2.1 m (6'-11")
240 mm (9-5/8") FOR CONCRETE BLOCK 2.4 m (7'-8")
280 mm (11-1/8") FOR CONCRETE BLOCK 2.7 m (8'-10")

CONCRETE BLOCK WALLS SHALL BE REINFORCED WITH 15 mm (1/2") DIAMETER BARS AT 400 mm (16") O.C. VERTICALLY AND TRUSS-TYPE REINFORCEMENTS AT 400 mm (16") O.C. HORIZONTALLY. VOIDS AROUND PORTED BARS SHALL BE FILLED WITH SOLID MASONRY.

PORTED 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
BASEMENT SLABS 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 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 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 (16") O.C. AND SHALL BE NOT LESS THAN 38 mm x 140 mm (2"x6") SPRUCE AT 400 mm (16") O.C. UNLESS NOTED OTHERWISE, ON 6 MIL POLYETHYLENE

WOOD BEAMS SHALL HAVE AN EVEN AND LEVEL BEARING AND SHALL HAVE NOT LESS THAN 89 mm LENGTH OF BEARING AT END SUPPORTS. [OBC 9.23.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A BASEMENT FORMING PART OF A DWELLING UNIT. [OBC 9.31.4.1]

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 PORTION OF IT IN UNFINISHED BASEMENTS. [OBC 9.24.4.1]

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

EXHAUST DUCTS CONNECTED TO LAUNDRY DRYING EQUIPMENT SHALL BE INSTALLED TO EXTERIOR THROUGH ROOF OR THROUGH WALLS. EXHAUST DUCTS SHALL BE 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) 20 MPa FOR GARAGE FLOORS, CARPORT (A) 20 MPa FOR INTERIOR FLOORS, AND (C) 15 MPa FOR ALL OTHER APPLICATIONS.

IF WOOD OR STEEL SHEET WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO EXTERIOR THROUGH ROOF OR THROUGH WALLS.

WEATHER STRIPPING SHALL BE PROVIDED AROUND ALL EXTERIOR DOORS EXCEPT GARAGE DOORS. [OBC 9.6.5.3]

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.

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.

MAXIMUM SPANS FOR WOOD FLOOR JOISTS SHALL CONFORM TO TABLES A-1 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.

A SURFACE INVESTIGATION, INCLUDING GROUNDWATER CONDITIONS, SHALL BE CARRIED OUT, BY OR UNDER THE SUPERVISION OF A PERSON HAVING KNOWLEDGE AND EXPERIENCE IN PLANNING AND EXECUTING SUCH INVESTIGATIONS TO DETERMINE APPROPRIATE FOR 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 9.23.5.

A STRUCTURAL INVESTIGATION, INCLUDING GROUNDWATER CONDITIONS, SHALL BE CARRIED OUT, BY OR UNDER THE SUPERVISION OF A PERSON HAVING KNOWLEDGE AND EXPERIENCE IN PLANNING AND EXECUTING SUCH INVESTIGATIONS TO DETERMINE APPROPRIATE FOR THE BUILDING AND ITS USE, THE GROUND AND THE SURROUNDING SITE CONDITIONS.

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.

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") FOR CONCRETE BLOCK 2.1 m (6'-11")
240 mm (9-5/8") FOR CONCRETE BLOCK 2.4 m (7'-8")
280 mm (11-1/8") FOR CONCRETE BLOCK 2.7 m (8'-10")

CONCRETE BLOCK WALLS SHALL BE REINFORCED WITH 15 mm (1/2") DIAMETER BARS AT 400 mm (16") O.C. VERTICALLY AND TRUSS-TYPE REINFORCEMENTS AT 400 mm (16") O.C. HORIZONTALLY. VOIDS AROUND PORTED BARS SHALL BE FILLED WITH SOLID MASONRY.

PORTED 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
BASEMENT SLABS 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 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 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 (16") O.C. AND SHALL BE NOT LESS THAN 38 mm x 140 mm (2"x6") SPRUCE AT 400 mm (16") O.C. UNLESS NOTED OTHERWISE, ON 6 MIL POLYETHYLENE

WOOD BEAMS SHALL HAVE AN EVEN AND LEVEL BEARING AND SHALL HAVE NOT LESS THAN 89 mm LENGTH OF BEARING AT END SUPPORTS. [OBC 9.23.5.1]

A FLOOR DRAIN SHALL BE INSTALLED IN A BASEMENT FORMING PART OF A DWELLING UNIT. [OBC 9.31.4.1]

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 PORTION OF IT IN UNFINISHED BASEMENTS. [OBC 9.24.4.1]

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

EXHAUST DUCTS CONNECTED TO LAUNDRY DRYING EQUIPMENT SHALL BE INSTALLED TO EXTERIOR THROUGH ROOF OR THROUGH WALLS. EXHAUST DUCTS SHALL BE 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) 20 MPa FOR GARAGE FLOORS, CARPORT (A) 20 MPa FOR INTERIOR FLOORS, AND (C) 15 MPa FOR ALL OTHER APPLICATIONS.

IF WOOD OR STEEL SHEET WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO EXTERIOR THROUGH ROOF OR THROUGH WALLS.

WEATHER STRIPPING SHALL BE PROVIDED AROUND ALL EXTERIOR DOORS EXCEPT GARAGE DOORS. [OBC 9.6.5.3]

WEATHER STRIPPING SHALL BE PROVIDED AROUND ALL EXTERIOR DOORS EXCEPT GARAGE DOORS. [OBC 9.6.5.3]

BASMENT / 1st / 2nd

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 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]

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

THE DEPTH OF A RECTANGULAR TREAD SHALL BE NOT LESS THAN ITS RUN AND NOT MORE THAN ITS RUN PLUS 25 mm. [OBC 9.8.4.2(2)]

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]

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 9.23.8.2.

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.

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

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

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

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 9.15.4.2(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 9.15.4.2(1)]

VENTING FOR ROOF SPACES SHALL CONFORM TO OBC 9.19.1.2.

THE UNSTRUCTURED ROOF VENT AREA SHALL BE NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA, WHERE THE ROOF SLOPE IS LESS THAN 1 IN 8, OR IN ROOFS THAT ARE CONSTRUCTED WITH ROOF JOISTS, THE UNSTRUCTURED 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).

THROUGH-WALL 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)]

WEEP HOLES THAT ARE SPACED NOT MORE THAN 600 mm APART SHALL BE PROVIDED AT THE BOTTOM OF CHIMNEYS OR AIR SPACES IN MASONRY VENEER WALLS AND ABOVE LINTELS OVER WINDOW AND DOOR OPENINGS. [OBC 9.20.13.3.(3)]

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 POINT OF THE CHIMNEY 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 9.28.3.1.

FLASHING SHALL BE INSTALLED AT ... (A) ALL ROOF-TO-WALL JUNCTIONS, (B) ALL ROOF-TO-CEILING JUNCTIONS, (C) ALL ROOF-TO-DECK JUNCTIONS, (D) ALL ROOF-TO-CHIMNEY JUNCTIONS, (E) ALL ROOF-TO-POST JUNCTIONS, (F) ALL ROOF-TO-RAFTER JUNCTIONS, (G) ALL ROOF-TO-TRUSS JUNCTIONS, (H) ALL ROOF-TO-SCAFFOLD JUNCTIONS, (I) ALL ROOF-TO-ANCHOR BOLT JUNCTIONS, (J) ALL ROOF-TO-FASTENER JUNCTIONS, (K) ALL ROOF-TO-FLASHING JUNCTIONS, (L) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (M) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (N) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (O) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (P) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (Q) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (R) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (S) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (T) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (U) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (V) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (W) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (X) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (Y) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS, (Z) ALL ROOF-TO-WEATHER STRIPPING JUNCTIONS.

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 800 mm ABOVE THE FLOOR OR OTHER SIDE OF THE DOOR, SHALL BE PROTECTED BY (a) A GUARD, IN ACCORDANCE WITH OBC 9.8.8.3, 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-12.11-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 900 mm WIDE THAT COULD BE USED FOR DOORS, (B) GLASS IN STORM DOORS, (C) GLASS IN SLIDING DOORS, AND (D) GLASS IN ENTRANCE DOORS WHERE THE GLASS AREA EXCEEDS 0.5 m² AND EXTENDS TO LESS THAN 1000 mm FROM THE BOTTOM OF THE DOOR. [OBC 9.8.1.4]

IN DWELLING UNITS, WINDOWS OVER STAIRS, RAMPS AND LANDINGS THAT EXTEND TO LESS THAN 1000 mm ABOVE THE SURFACE TO THE TREADS, RAMP OR LANDING SHALL, IN ACCORDANCE WITH OBC 9.8.8.6, (A) BE NON-OPERABLE 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 PROVIDE FROM THE VERTICAL, AND THAT ARE LOCATED BETWEEN 140 mm AND 800 mm ABOVE THE FLOOR OR WALKING SURFACE TO BE 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-12.11-M, "TEMPERED OR LAMINATED SAFETY GLASS", OR (B) WIRE GLASS CONFORMING TO CAN/CGSB-12.11-M, "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, EACH EXPOSING BUILDING FACE 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 SURFACES SHALL NOT EXCEED 600 mm AND THE HORIZONTAL DISTANCE BETWEEN THE SURFACES SHALL BE NOT LESS THAN 600 mm. [OBC 9.15.3.3]

THE THICKNESS AND HEIGHT OF FOUNDATION WALLS MADE OF UNREINFORCED CONCRETE SHALL BE NOT LESS THAN 150 mm AND SHALL BE SUBJECT TO LATERAL EARTH PRESSURE SHALL CONFORM TO TABLE 9.15.4.2.A FOR WALLS NOT EXCEEDING 2.5 m IN UN-SUPPORTED HEIGHT. [OBC 9.15.4.2]

EXTERIOR FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 150 mm ABOVE FINISHED GROUND LEVEL. [OBC 9.15.4.4]

VENTING FOR ROOF SPACES SHALL CONFORM TO OBC 9.19.1.2.

THE UNSTRUCTURED ROOF VENT AREA SHALL BE NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA, WHERE THE ROOF SLOPE IS LESS THAN 1 IN 8, OR IN ROOFS THAT ARE CONSTRUCTED WITH ROOF JOISTS, THE UNSTRUCTURED 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).

THROUGH-WALL 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)]

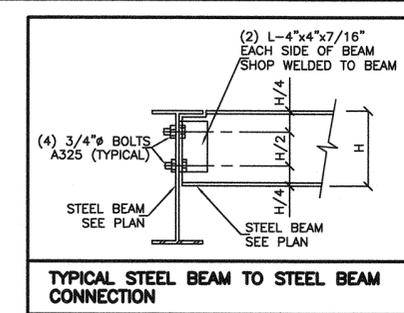
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WHERE SLOPING SURFACES OF SHINGLED ROOFS ARE USED, EACH DOWN SLOPE VALLEY SHALL BE FLASHED IN CONFORMANCE WITH OBC 9.26.4.3.

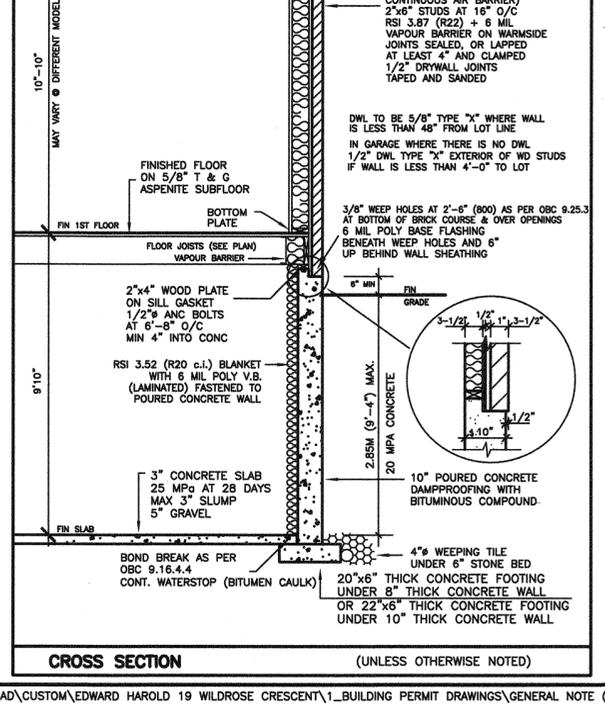
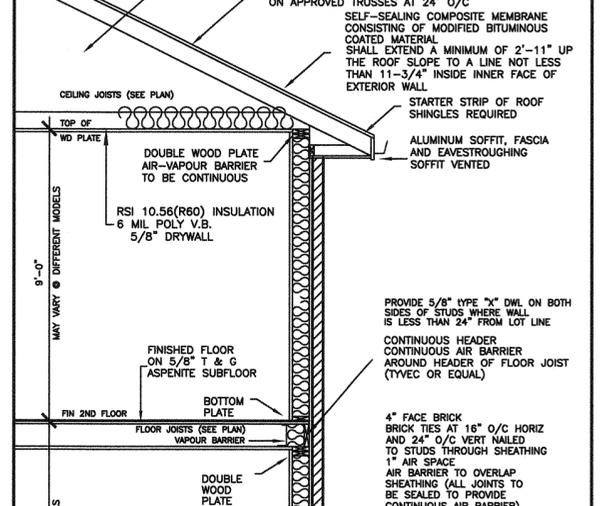
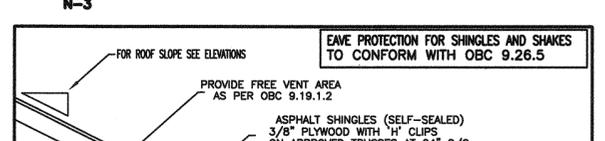
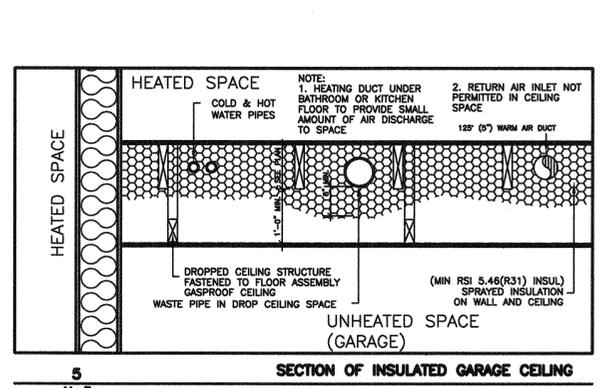
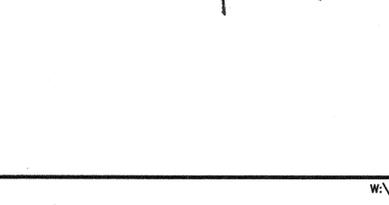
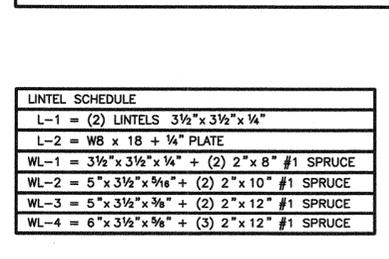
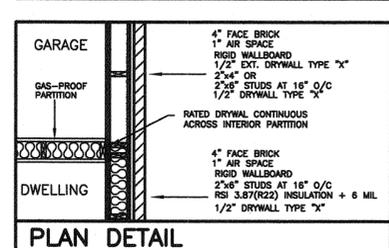
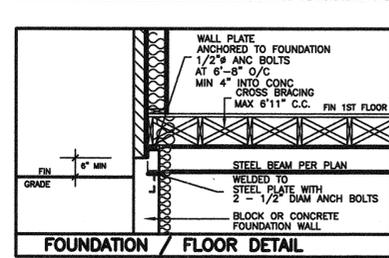
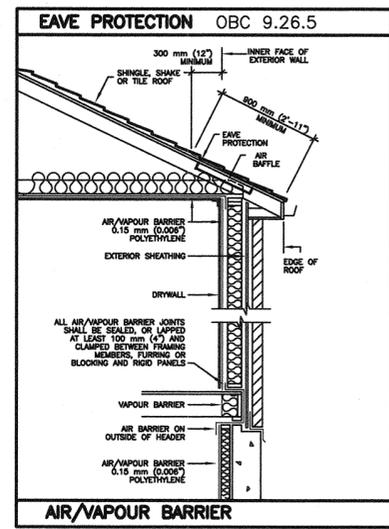


DOOR SCHEDULE table with columns for door number, size, and location (EXTERIOR, INTERIOR, GARAGE, GASPROOF + CLOSER).

REVISIONS table with columns for NO., DATE, and REVISIONS.

LEONARD KALISHENKO AND ASSOCIATES LIMITED STRUCTURAL ENGINEERS

FOR STRUCTURAL DESIGN ONLY



HEATED SPACE
UNHEATED SPACE (GARAGE)

EAVE PROTECTION FOR SHINGLES AND SHAKES TO CONFORM WITH OBC 9.26.5

DOUBLE WOOD PLATE AIR-VAPOUR BARRIER TO BE CONTINUOUS

PROVIDE 5/8" TYPE 'X' WHERE WALL IS LESS THAN 48" FROM LOT LINE

CONTINUOUS HEADER AROUND HEAD OF FLOOR JOIST (TYPEC OR EQUAL)

4" FACE BRICK BRICK TIES AT 16" O/C HORIZ AND 24" O/C VERT HAD TO STUDS THROUGH SHEATH