

ZONE 1 (<5000 DD)

10.56

(R60)

5.46

(R31)

5.46

(R31)

3.34 + 0.88 ci

(R19 + 5 ci)

3.52

(R2O)

1.76

(R1O)

1.76 (R1O)

 $1.6 \, \text{W/(m}^2 \, \text{x K)}$

 $1.6 \, \text{W/(m}^2 \, \text{x K)}$

COMPONENT

Ceiling with Attic space

Minimum RSI (R)-Value

Minimum RSI (R)-Value

Minimum RSI (R)-Value

Walls Above Grade

Basement Walls

Maximum U-Value

Maximum U-Value

Skylights

Minimum RSI (R)-Value

Minimum RSI (R)-Value

Edge of Below Grade Slab ≤ 600 mm

Below Grade Minimum RSI (R)-Value

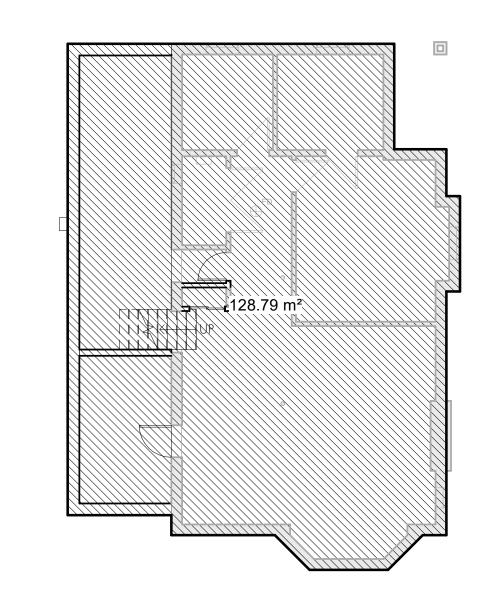
Heated Slab or Slab ≤ 600 mm Below

Grade Minimum RSI (R)-Value

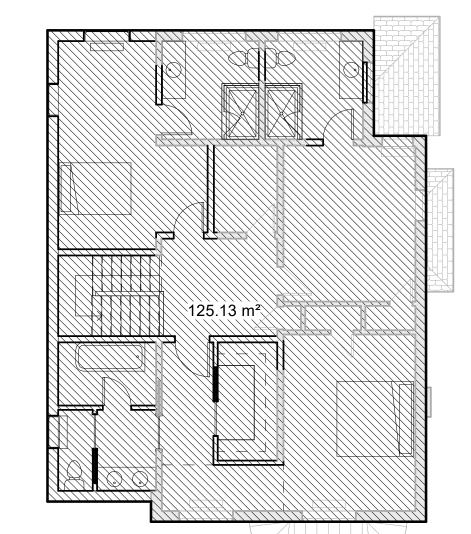
Windows and Sliding Glass Doors

Exposed Floor

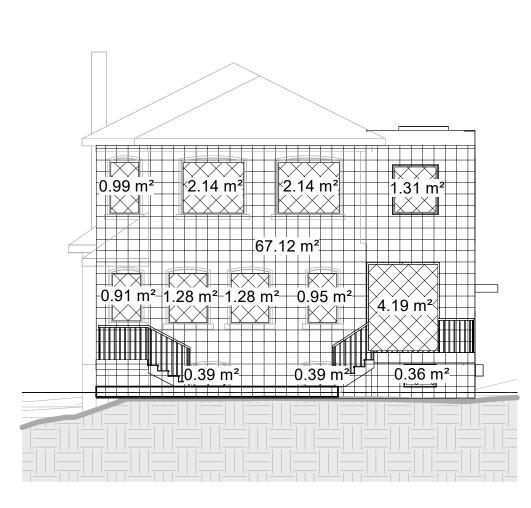
Ceiling without Attic space



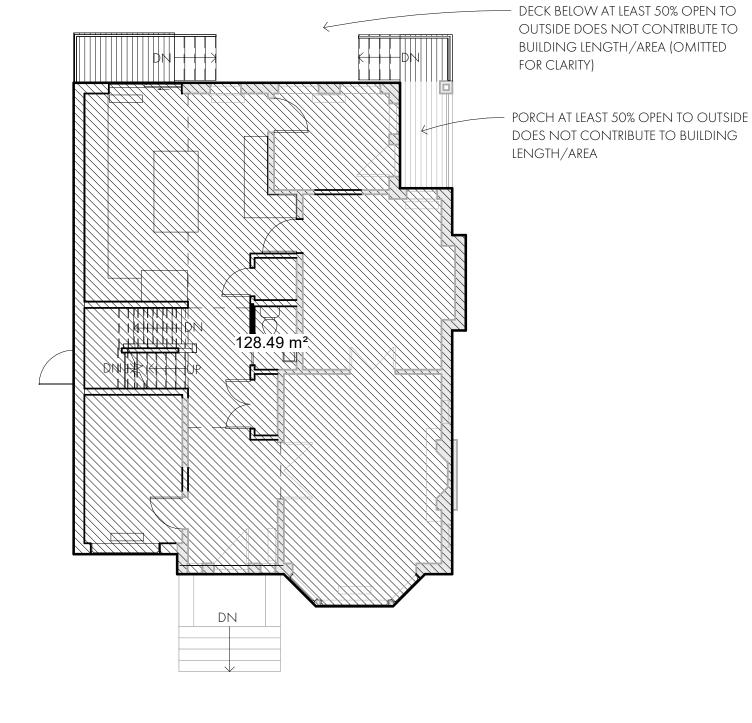




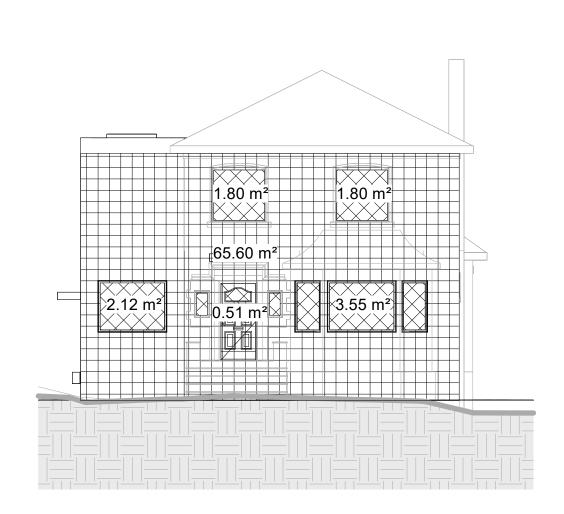




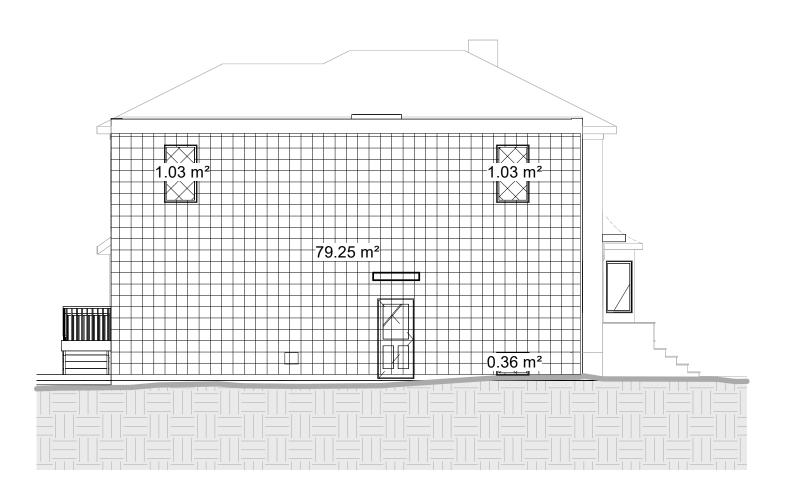








EXPOSING BUILDING FACE - SOUTH A-003



EXPOSING BUILDING FACE - WEST A-003 /

AREA CALCULATIONS

10.5.40.40 FLOOR AREA

10.5.60 ANCILLARY BUILDINGS AND STRUCTURES

	ALLOWABLE	existing	PROPOSED
BASEMENT AREA, m²	_	94.56 m²	128.79 m²
GROUND FLOOR AREA, m²	_	94.26 m²	128.49 m²
SECOND FLOOR AREA, m ²	_	90.90 m²	125.13 m²
TOTAL AREA, m²	-	279.72 m²	382.41 m²

Land the state of						
GARAGE AREA, m ²	-	19.68 m²	19.68 m²			
10.5.40.30 (3) PERMISSIBLE REDUCTIONS TO FLOOR AREA						
AREA OF BASEMENT ^{(3)(A)} , m ²	_	-94.29 m²	-128.79 m²			
AREA OF VOID IN GROUND FLOOR ^{(3)(B)} , m ²	_	-O m²	-O m²			
AREA OF VOID IN SECOND FLOOR ^{(3)(B)} , m ²	_	-O m²	-O m²			
AREA OF VOID IN ACCESSORY BUILDINGS AND STRUCTURES ⁽⁴⁾ , m ²	-	-19.68 m²	-19.68 m²			
TOTAL AREA REDUCTIONS ⁽³⁾⁽⁴⁾ , m ²	-	-113.97 m²	-148.47 m²			

AREA TOTALS			
LOT AREA, m ²	_	475.39 m²	475.39 m²
floor space index ⁽¹⁾	0.6	0.39	0.53
GROSS FLOOR AREA ⁽²⁾ , m ²	285.23 m² (MAX.)	185.43 m²	253.62 m²

(1) In the Residential Zone category, the FLOOR SPACE INDEX for a residential building, other than an apartment building, is the result of the gross floor area, plus the area of an attic described in regulation 10.5.40.40(1) and subject to regulation 10.5.40.40(2) minus the areas listed in regulation 10.5.40.40(3), divided by the area of the lot.

(2) GROSS FLOOR AREA means the sum of the total area of each floor level of a building, above and below the ground, measured from the exterior of the main wall of each floor level.

(3) In the Residential Zone category, the gross floor area of a residential building, other than an apartment

building, may be reduced by: (A) the floor area of the basement; [By-law: PL130592 Mar_2018]

(B) the area of a void in a floor if there is a vertical clearance of more than 4.5 metres between the top of the floor below the void and the

ceiling directly above it, to a maximum of 10% of the permitted

maximum gross floor area for the building;

(C) the area of required parking spaces in the building; and (D) in addition to (C) above, the area used for one additional parking space in a detached house on a lot with a lot frontage of more than

(4) In the Residential Zone category, the gross floor area of ancillary buildings is not included for the purpose of calculating the total gross floor area and floor space index for a lot.

GLAZED OPENINGS IN EXPOSING BUILDING FACE						
ELEVATION	NORTH	SOUTH	WEST	EAST		
AREA OF BUILDING FACE ⁽¹⁾ (GRADE TO UPPERMOST CEILING), m ²	67.12 m ²	65.6 m ²	79.25 m ²	no change		
AREA OF GLAZED OPENINGS ⁽²⁾ , m ²	16.33 m ²	9.78m²	1.03 m ²	no change		
LIMITING DISTANCE ⁽³⁾ , m	19.07 m	7.49 m	2.42 m	0.89 m [NO CHANGE]		
PERCENTAGE OF UNPROTECTED OPENINGS TO WALL AREA, %	24.33 %	14.91 %	3.05 %	no change		
ALLOWABLE PERCENTAGE OF UNPROTECTED OPENINGS, %	100 %	34 %	7 %	NO CHANGE		

NOTES:

(1) The area and location of an exposing building face shall be taken as the exterior wall area facing in one direction on any side of a house, and calculated as, the total area measured from the finished ground level to the uppermost ceiling as per OBC 9.10.15.2.(1).

(2) Without proper definition, glazed openings are here interpreted as the area of glass only, and does not include areas of opaque portions of window or doors, or frames, in the calculation.

(3) Values provided are relative to the new addition only. Existing openings to remain unchanged.

EXPOSING BUILDING FACE LEGEND



GLAZED OPENING

EXPOSING BUILDING FACE

PROJECT S Z 233 Lonsmount Driv

> Takashi Yamashita & Kathryn Tinckam

Toronto, ON, M5P 2Y

QUALIFICATION & REGISTRATION INFORMATION

MICHAEL MACNEILL MACNEILL DESIGN SERVICES BCIN: 47264 BCIN: 112901

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TRUE NORTH PROJECT NORTH



ISSUED FOR ZONING CERTIFICATE ISSUED FOR 50% CONSTRUCTION ISSUED DATE EVISIONS

DRAWING STATUS UNDER REVIEW BY AHJ

<u> XISTING DIMENSIONS ARE FIELD MEASUREMENTS</u> and may vary from site conditions. Verify EXISTING CONDITIONS AT THE SITE. NOTIFY THE designer of any discrepancies prior to

COMMENCEMENT OF CONSTRUCTION.

DRAWING TITLE **BUILDING CODE** COMPLIANCE

PROJECT NUMBER PROJECT DATE 23004 2023-08-14 SHEET SIZE SCALE NTS ARCH D rev. Numbi

A-003

