

## **COMMITTEE OF ADJUSTMENT**

City Hall, 5<sup>th</sup> floor, 71 Main Street West, Hamilton, ON L8P 4Y5 Telephone (905) 546-2424, ext. 4221, 3935 Fax (905) 546-4202 E-mail: <u>cofa@hamilton.ca</u>

## NOTICE OF PUBLIC HEARING Minor Variance

#### You are receiving this notice because you are either:

- Assessed owner of a property located within 60 metres of the subject property
- Applicant/agent on file, or
- Person likely to be interested in this application

notwithstanding,

APPLICATION NO.	HM/A-21:166
APPLICANTS:	Owner Vlad Andriuca
SUBJECT PROPER	TY: Municipal address 28 Burris St., Hamilton
ZONING BY-LAW:	Zoning By-law 6593, as Amended 77-8 and 83-48
ZONING:	"D/S-497a" (Urban Protected Residential - One and Two Family Dwellings etc.) district
PROPOSAL:	To permit the conversion of the existing building currently occupied by a Residential Care Facility to a two (2) family dwelling,

1. A minimum lot width of 11.8 metres and a minimum lot area of 273 square metres shall be provided instead of the minimum required lot width of 18.0 metres and minimum required lot area of 540.0 square metres;

2. One (1) on-site parking space shall be provided instead of providing a minimum of two (2) parking spaces required to be provided for a two-family dwelling.

## NOTE:

1. The submitted site plan does not accurately reflect actual site conditions as setbacks are shown to be provided to the limits of the sidewalks and not the actual property lines.

2. The requested variance for relief from the minimum required parking space size is not required as the minimum required parking space size of 2.7 metres in width by 6.0 metres in length is shown to be provided.

3. A further variance will be required if a minimum of 50% of the gross area of the front yard (yard abutting Burris Street) is not provided as landscaped area.

4. A further variance will be required if the minimum required access driveway width of 2.8 metres is not provided.

5. A further variance will be required should gravel or similar surface or other suitable paving not be provided for the parking spaces and access driveway.

This application will be heard by the Committee as shown below:

DATE:	Thursday, August 26th, 2021
TIME:	2:30 p.m.
PLACE:	Via video link or call in (see attached sheet for details)
	To be streamed at
	www.hamilton.ca/committeeofadjustment
	for viewing purposes only

#### **PUBLIC INPUT**

**Written:** If you would like to submit written comments to the Committee of Adjustment you may do so via email or hardcopy. Please see attached page for complete instructions, including deadlines for submitting to be seen by the Committee.

**Orally:** If you would like to speak to this item at the hearing you may do so via video link or by calling in. Please see attached page for complete instructions, including deadlines for registering to participate.

### MORE INFORMATION

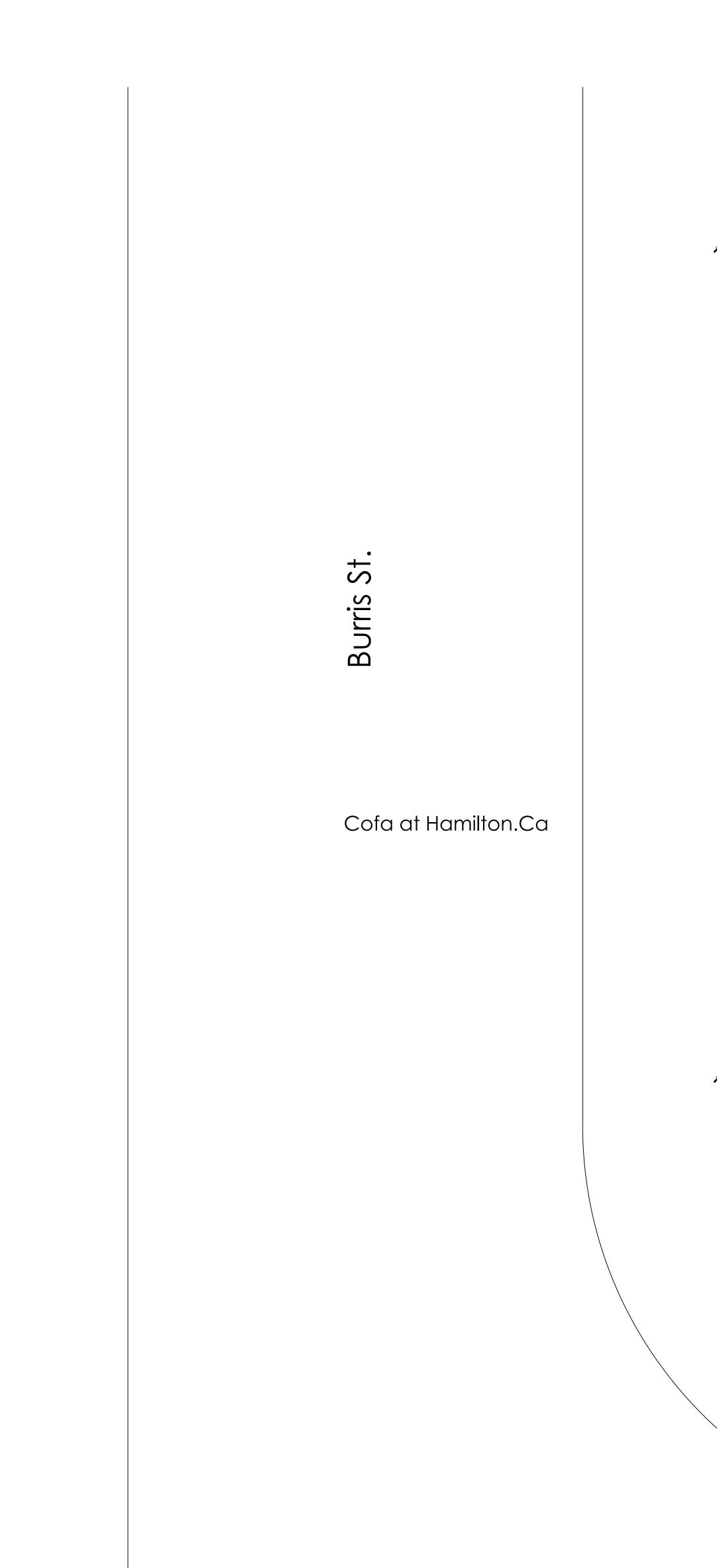
For more information on this matter, including access to drawings illustrating this request:

- Visit <u>www.hamilton.ca/committeeofadjustment</u>
- Call 905-546-CITY (2489) or 905-546-2424 extension 4221, 4130, or 3935
- Email Committee of Adjustment staff at cofa@hamilton.ca

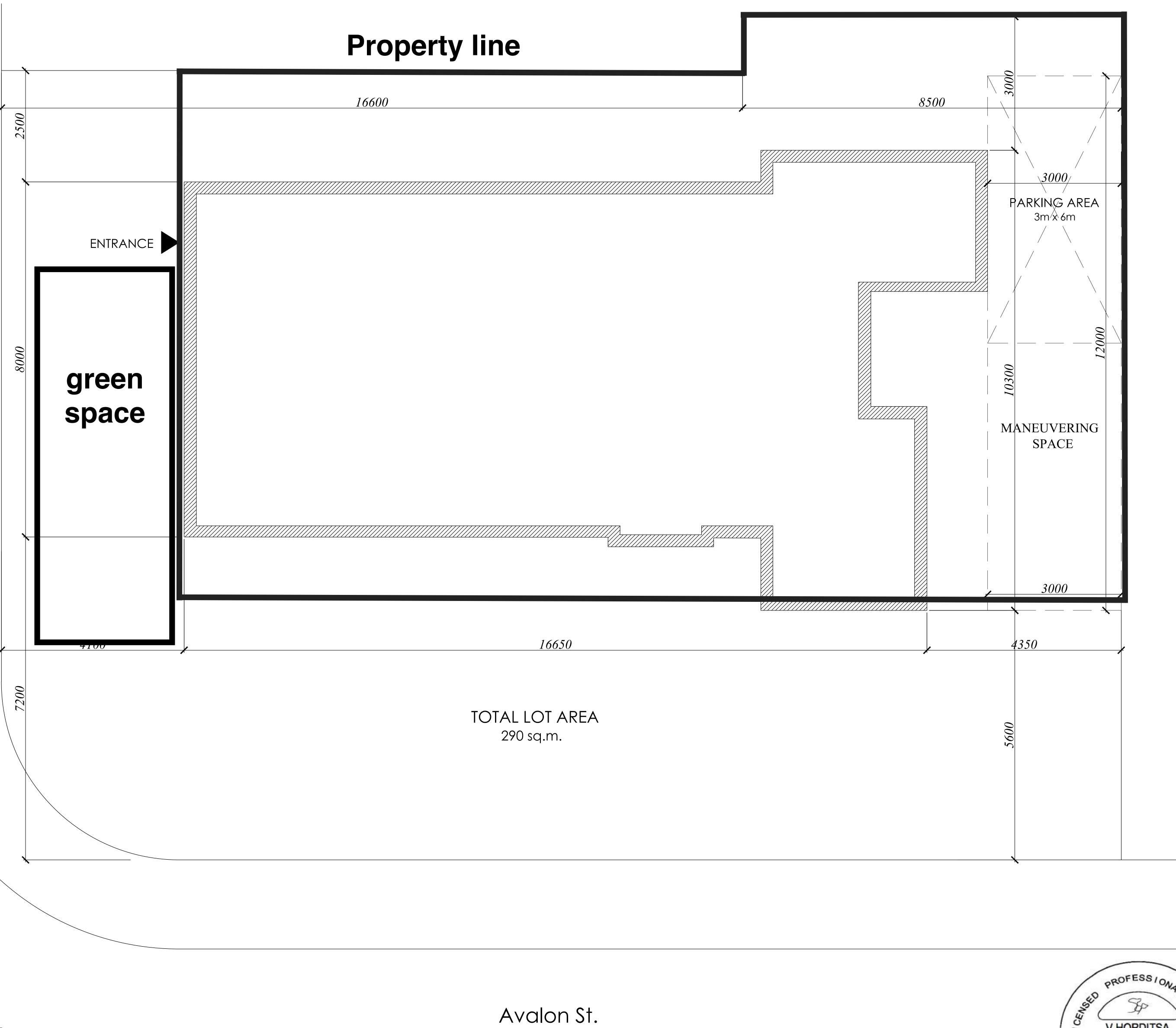
DATED: August 10th, 2021.

Jamila Sheffield, Secretary-Treasurer Committee of Adjustment

Information respecting this application is being collected under the authority of the Planning Act, R.S.O., 1990, c. P. 13. All comments and opinions submitted to the City of Hamilton on this matter, including the name, address, and contact information of persons submitting comments and/or opinions, will become part of the public record and will be made available to the Applicant and the general public.







1:60m





# PROPOSED SITE PLAN

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

DATE:

<u>SCALE:</u> 1:100

Mar 15. 2021

DRAWN BY: V.H.

DATE: DESCRIPTION:

-ANY MATERIALS SUBSTITUTIONS MUST BE OF EQUAL OR GREATER PERFORMANCE.

-ALL PRODUCTS & COLOUR SELECTIONS ARE THE RESPONSIBILITY OF THE CLIENT AND/OR CONTRACTOR UNLESS STATED OTHERWISE IN THESE PLANS.

-CONTRACTORS TO REVIEW APPROVED PERMIT DRAWINGS FOR ADDITIONAL NOTES AND RELATED DOCUMENTS.

DETAILS. -ALL CONSTRUCTION MUST BE ADHERE TO ONTARIO BUILDING CODE REQUIREMENTS AND ANY AUTHORITIES HAVING JURISDICTION.

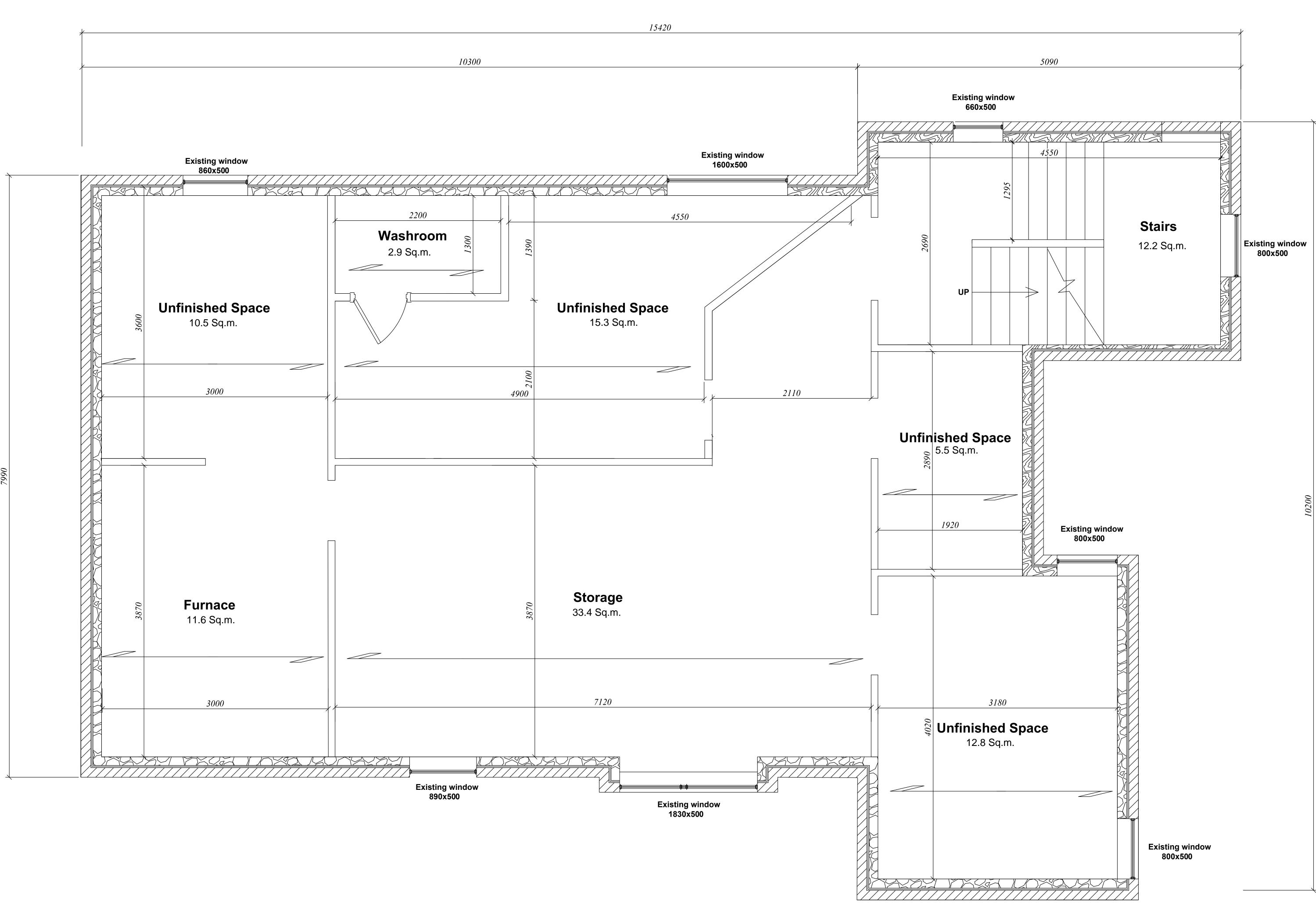
-CONTRACTORS AND OWNERS ARE RESPONSIBLE FOR ANY MODIFICATIONS TO THIS PLAN DO TO FIELD CONSTRUCTION CONDITIONS AND CONSTRUCTION METHODS. -SEE ATTACHED FOR ALL GENERAL NOTES, CONSTRUCTION SPECIFICATIONS AND

-DO NOT SCALE DRAWINGS.

GENERAL NOTES:

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BASEMENT

existing

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

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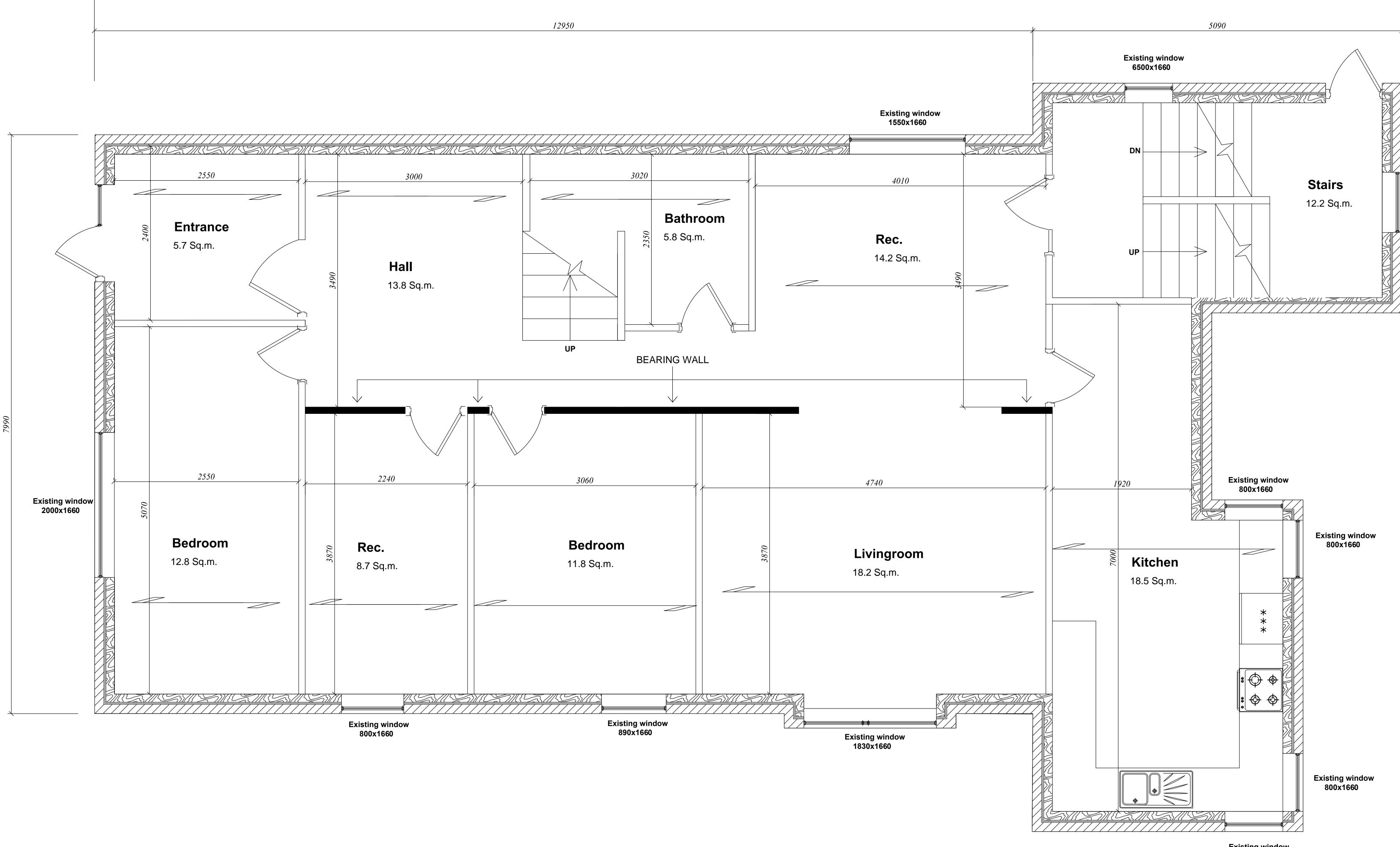
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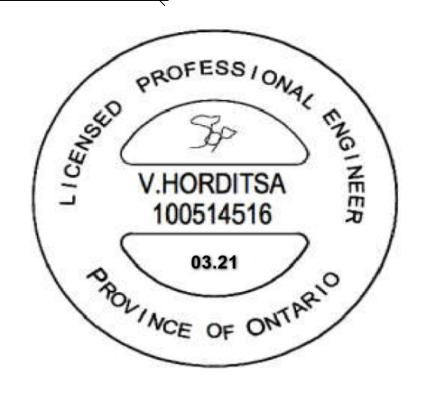
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18040

R 1:100m Existing window 800x1660





# EXISTING FIRST FLOOR

A1.02

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

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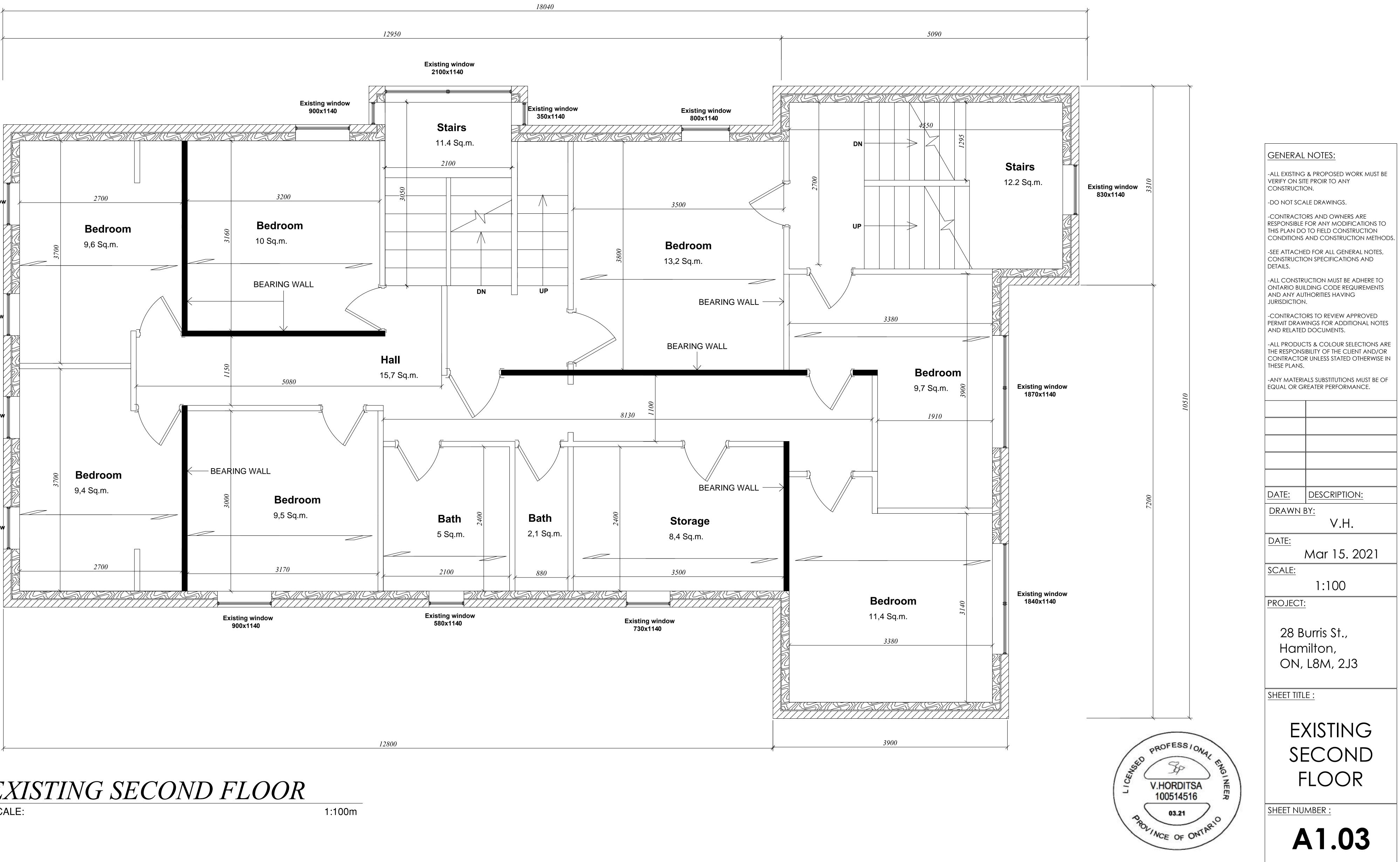
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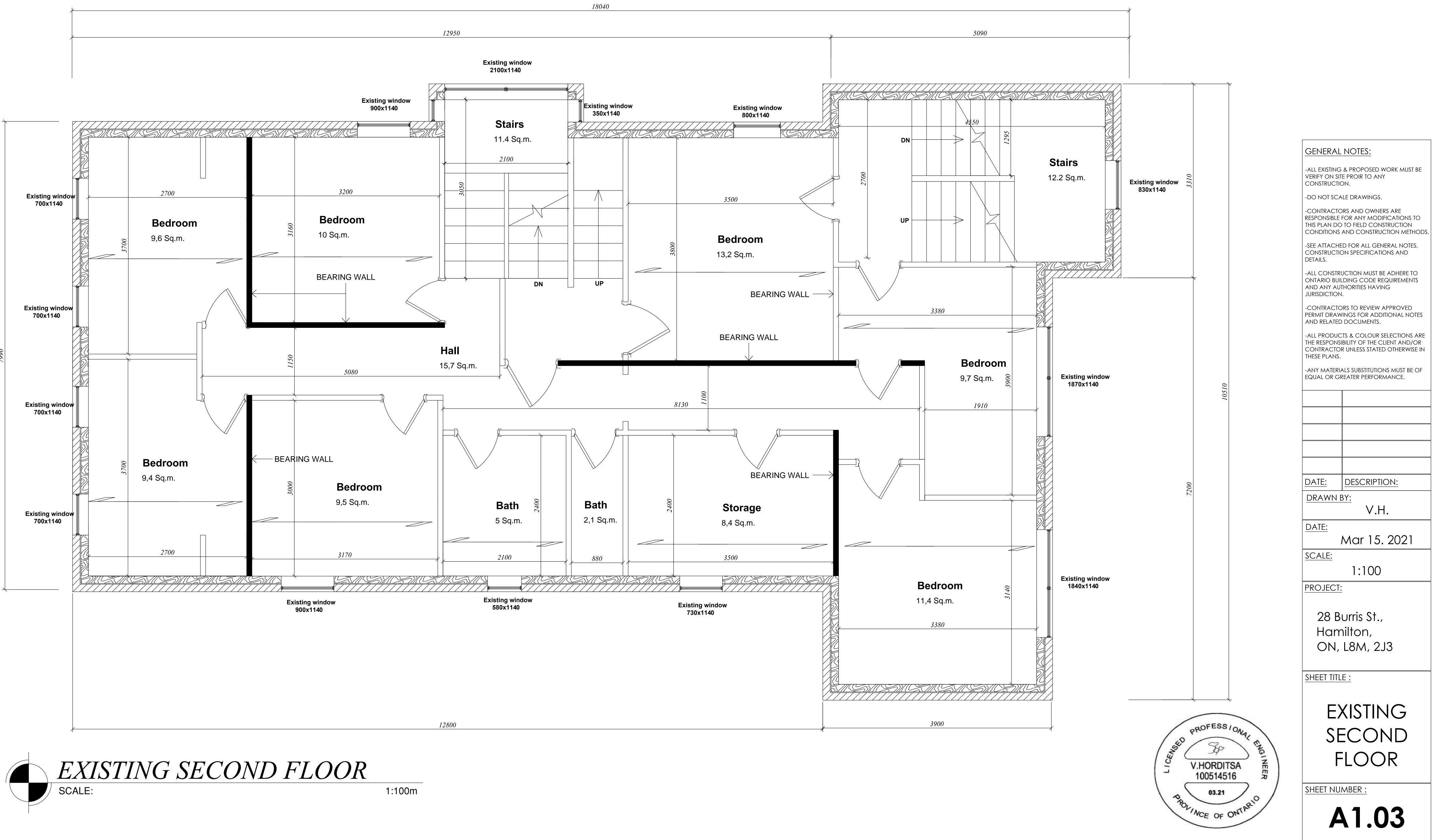
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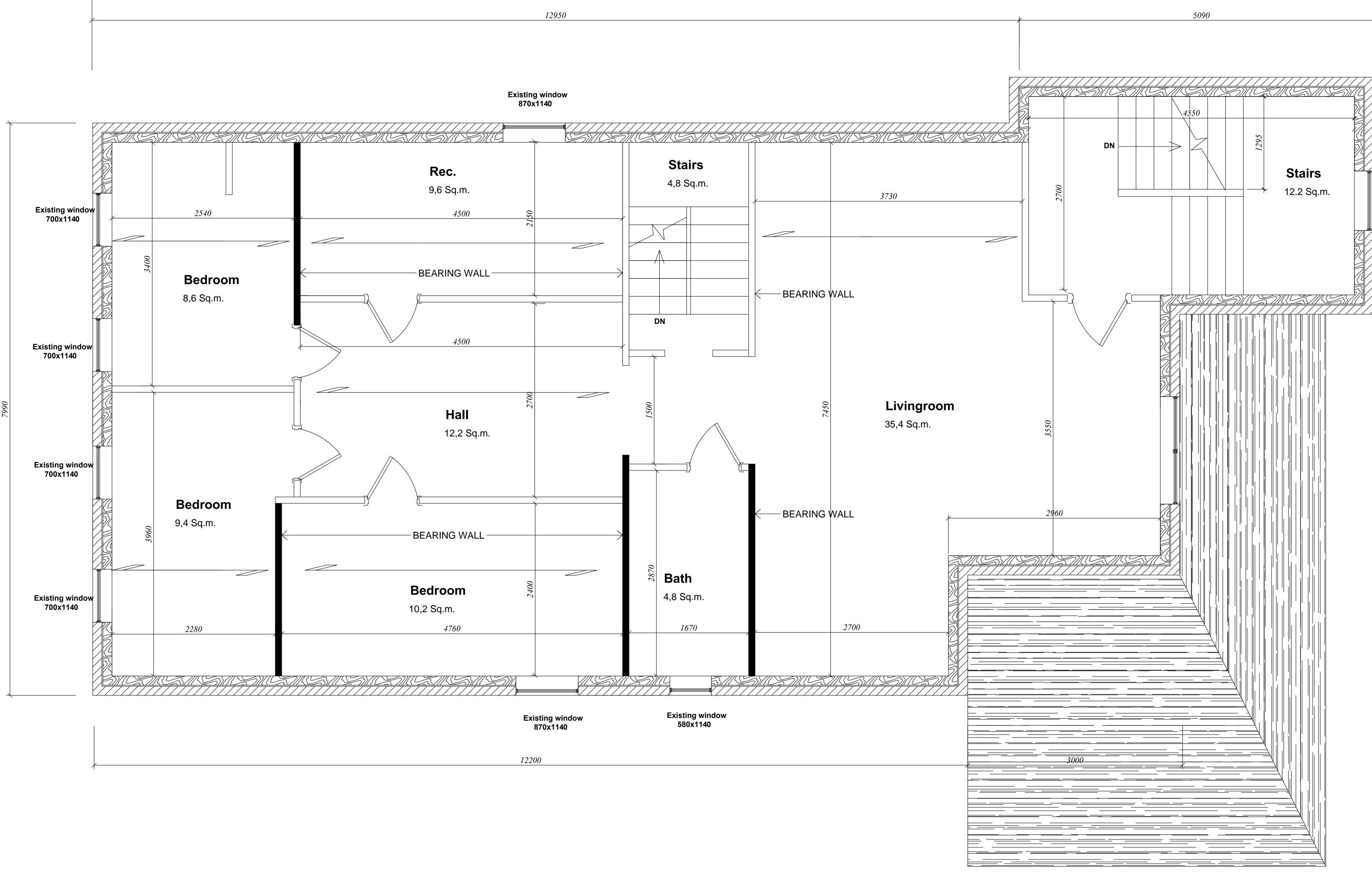
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Existing window 800x1660











18040



Existing window  $\widetilde{2}$ 830x1140



A1.04

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

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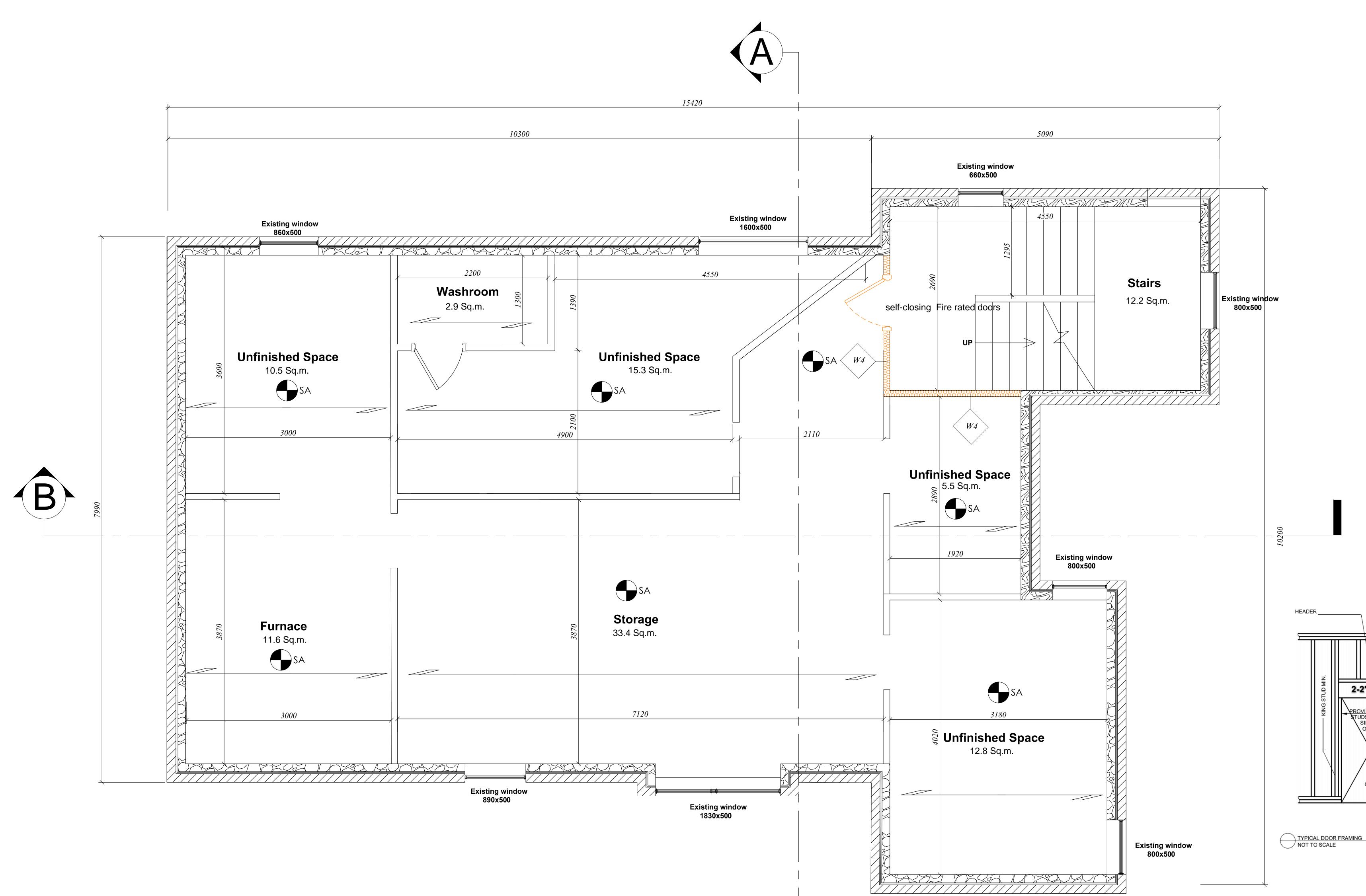
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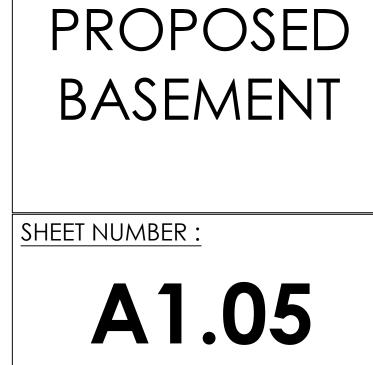




1:100m



\_\_\_\_\_ TOP PLATE 2-2"x10" STUDS MIN. EA. SIDE OF OPNG. OPEN SOLE PLATE TREATED



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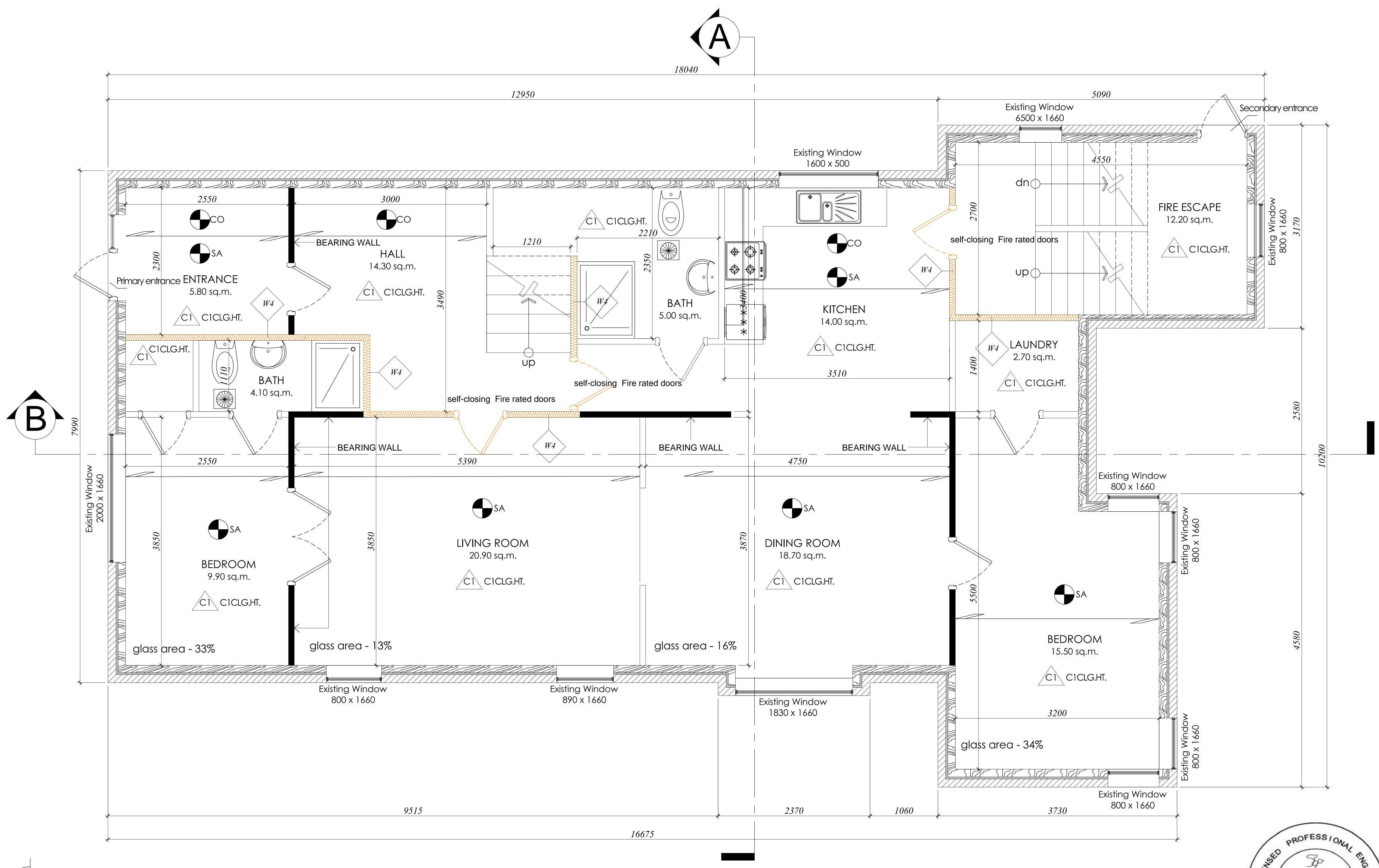
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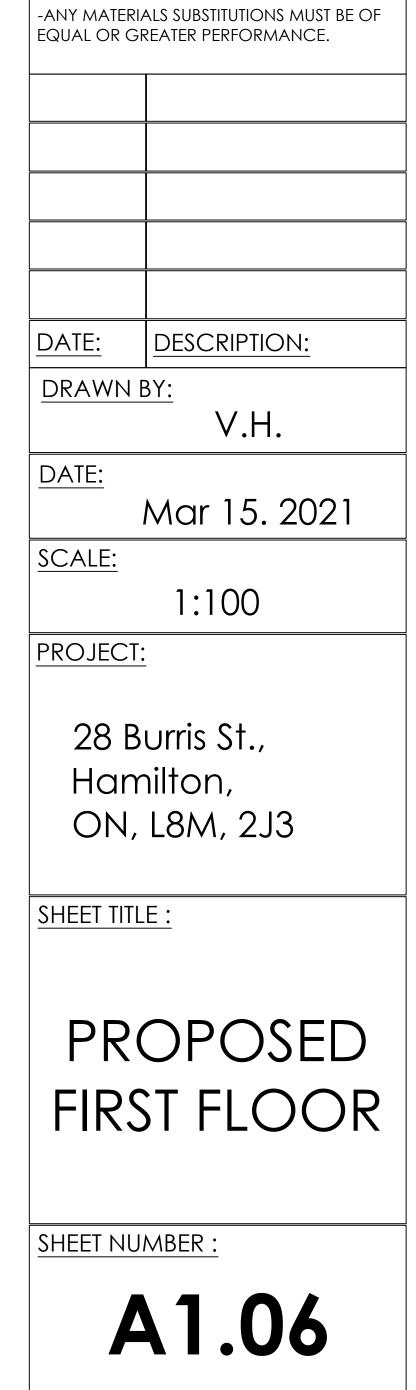
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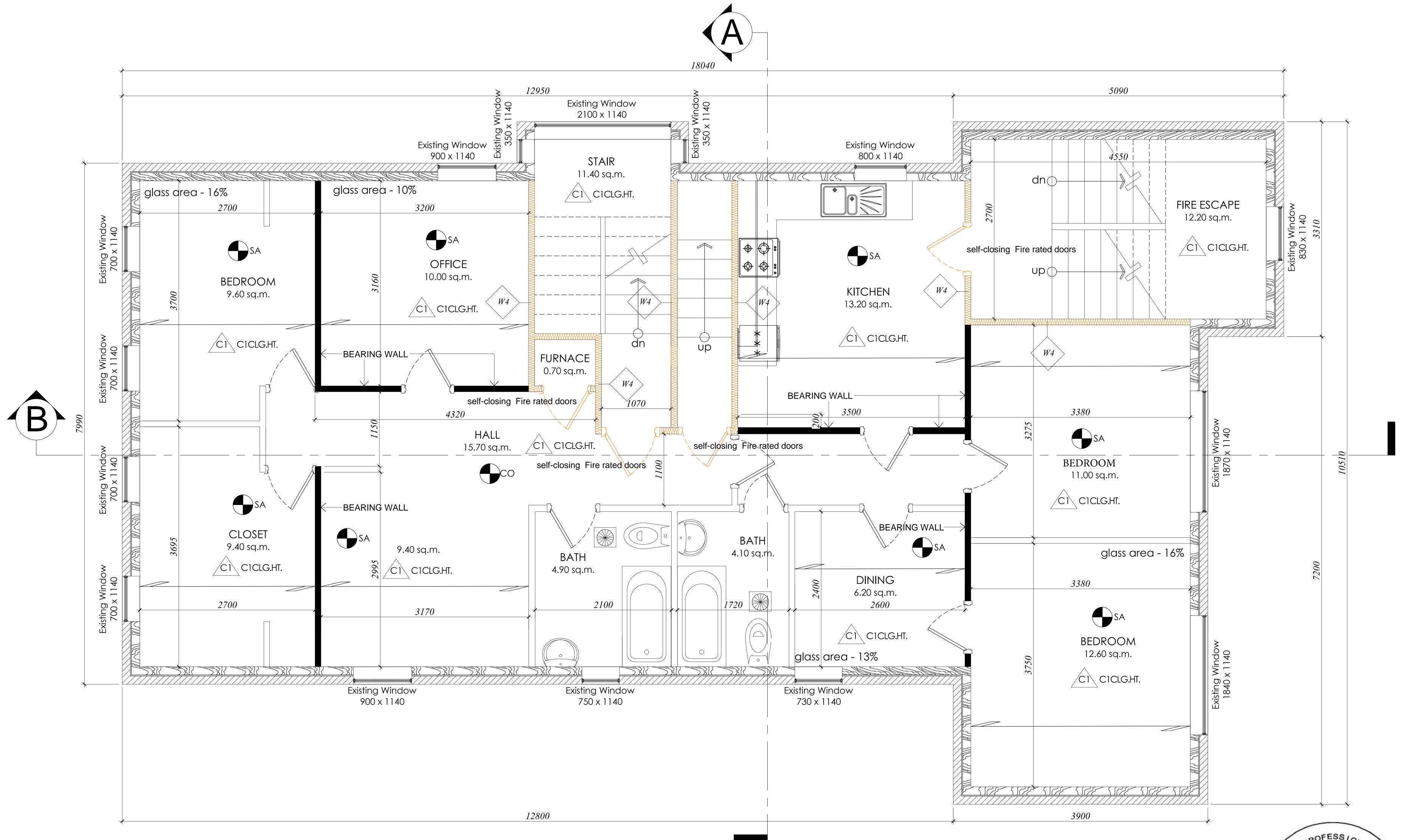
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1:100m



DATE: Mar 15. 2021 <u>SCALE:</u> 1:100 PROJECT: 28 Burris St., Hamilton, ON, L8M, 2J3 SHEET TITLE : PROPOSED SECOND FLOOR SHEET NUMBER : A1.07

DRAWN BY: V.H.

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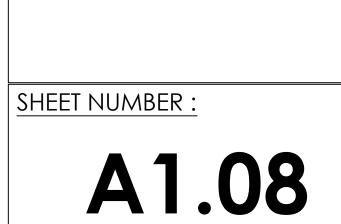
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# PROPOSED ATTIC

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

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<u>SCALE:</u> 1:100

Mar 15. 2021

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28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

DATE:

<u>SCALE:</u> 1:150

Mar 15. 2021

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2 LEFT-SIDE ELEVATION SCALE: 1:150m







A2.02

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

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TOP OF ROOF	
TOP OF ROOF	800
CEILING LINE	1500
	2500
ATTIC FLOOR LINE	
	3000
SECOND FLOOR LINE	
	3000
FIRST FLOOR LINE	
NATURAL GRADE LINE	2200 2200
BASEMENT FLOOR LINE	









A2.03

**RIGHT-SIDE** 

SHEET TITLE :

28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

<u>SCALE:</u> 1:150

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A2.04

SHEET TITLE :

SHEET NUMBER :

28 Burris St., Hamilton, ON, L8M, 2J3

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<u>SCALE:</u> 1:150

Mar 15. 2021

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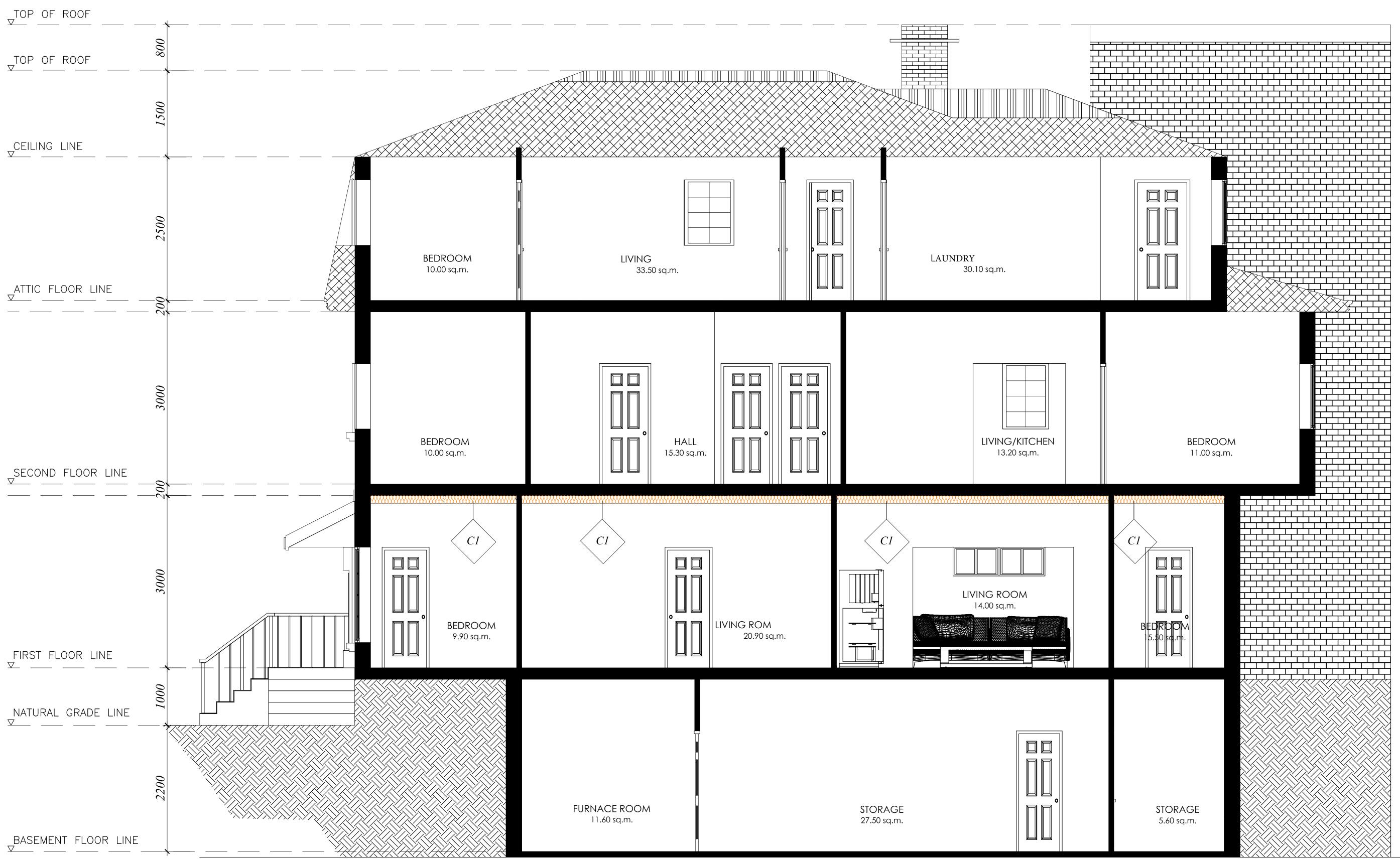
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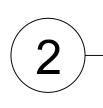
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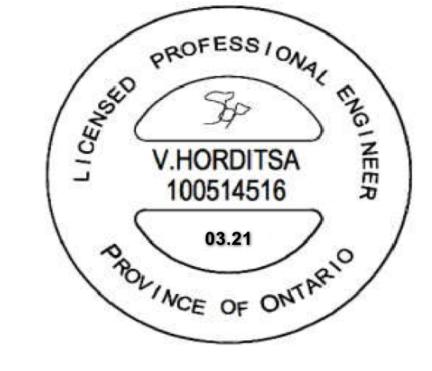
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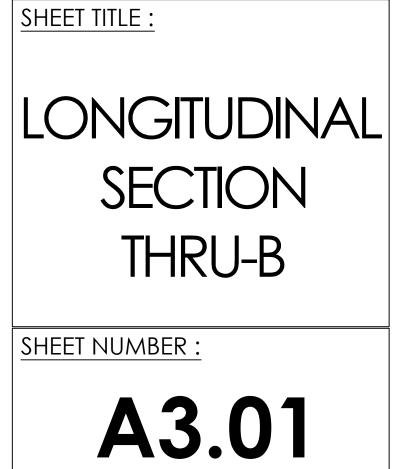
CONSTRUCTION.





# 2 LONGITUDINAL SECTION THRU-B SCALE: 1:150m





28 Burris St., Hamilton, ON, L8M, 2J3

PROJECT:

DATE:

1:150

Mar 15. 2021 <u>SCALE:</u>

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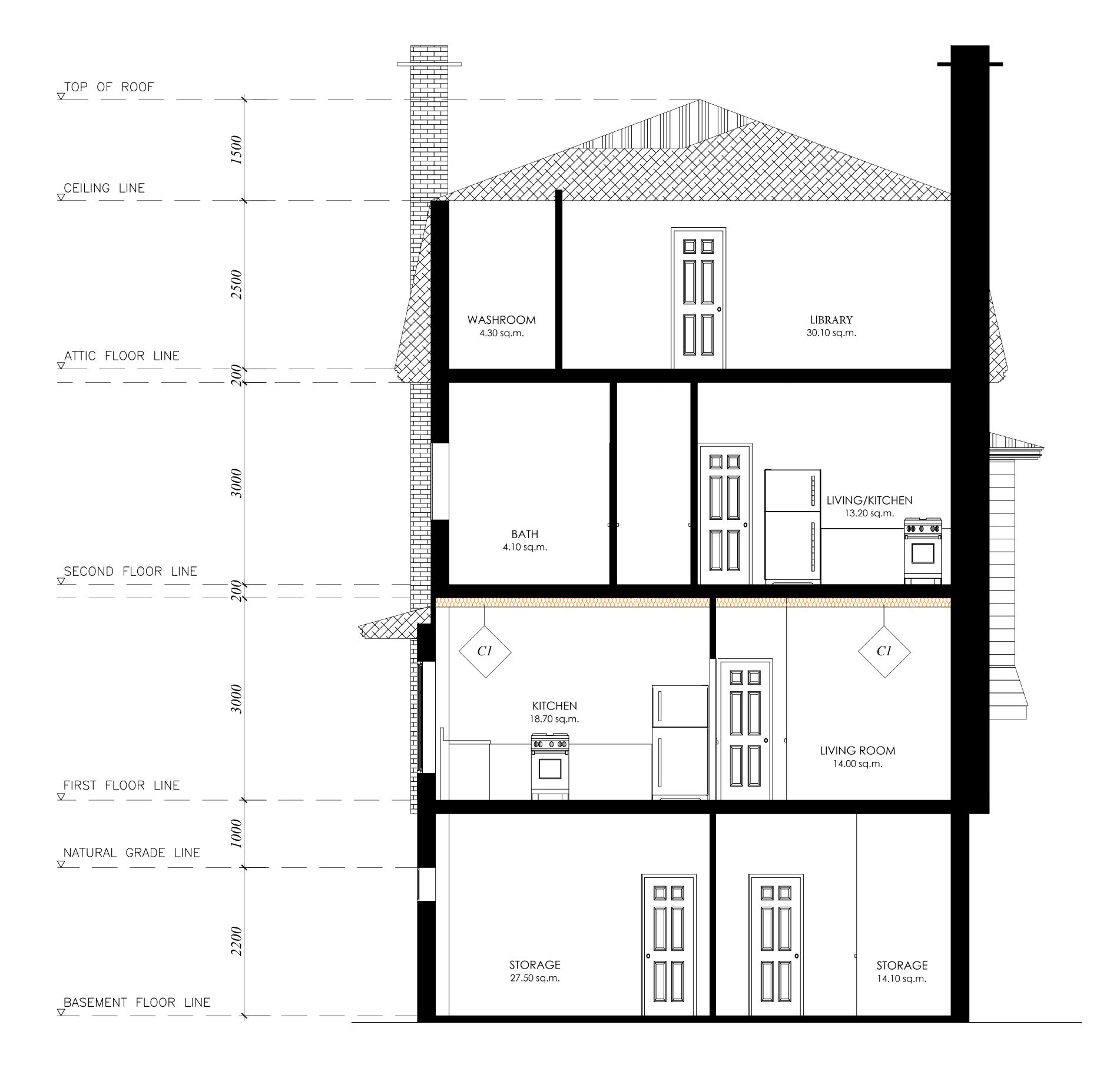
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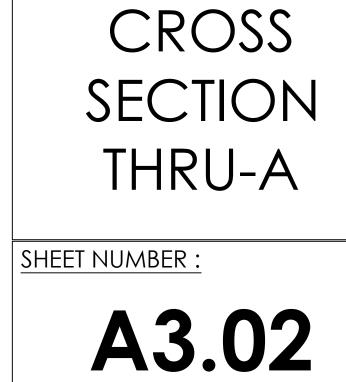
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**CROSS SECTION THRU-A** 





SHEET TITLE :

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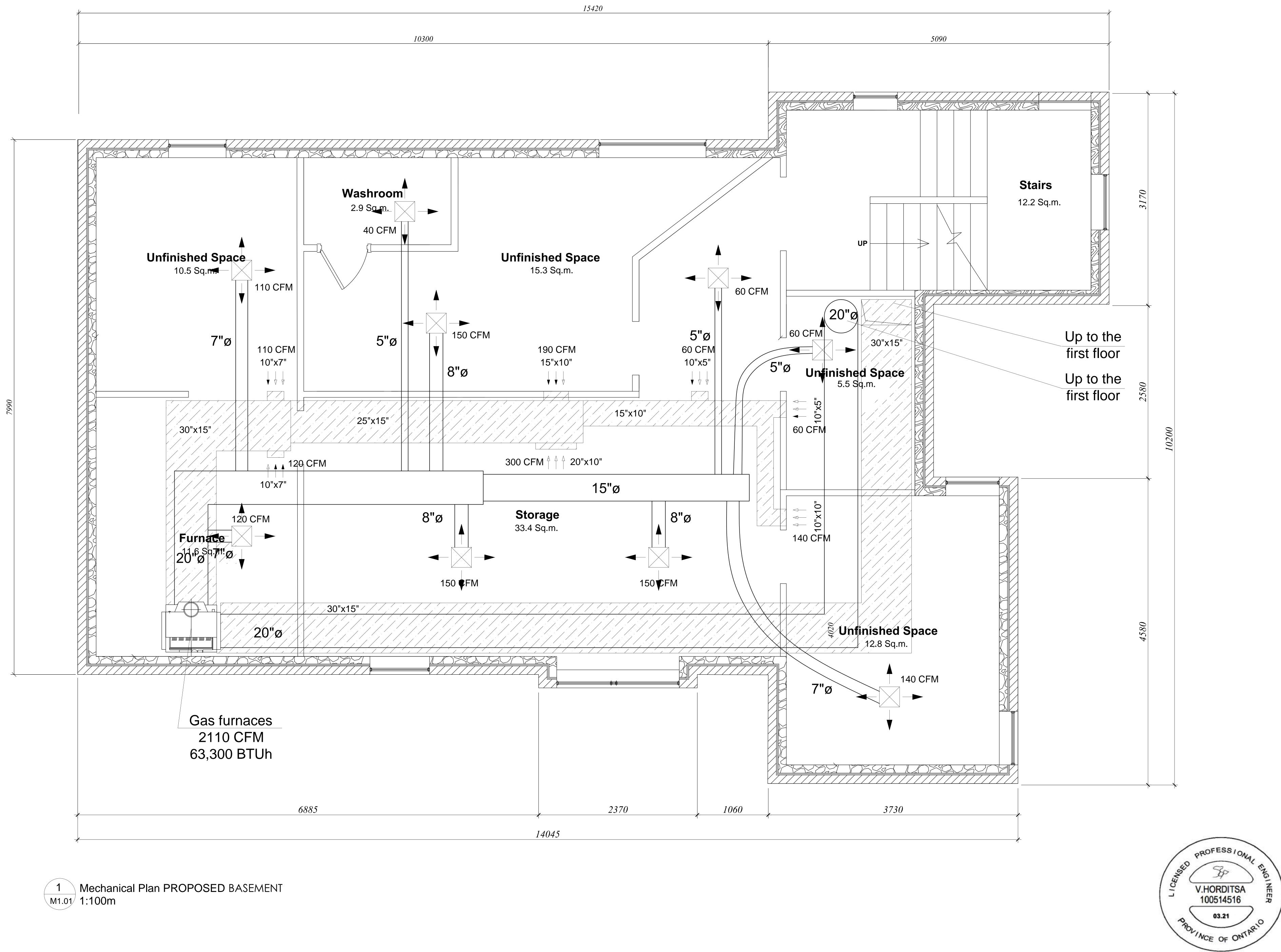
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 Provide mechanical exhaust ventilation for bathrooms, wa room and Kitchen, ducted direct to outside. Except where fu of a whole house ventilation system, exhaust fans in bathroo a delay timer or humidly / condensation control sensor. Exha separately from lighting systems. (R303.3 amended & M150 2. Provide attic ventialtion per (R806.1) unless insulation is a of roof sheathing. (R806.5)

3. Show mechanical equipment and water heaters on a 18" h the storage or room with access to storage. (M1307.3)

4. Provide combustion for gas fuel applainces located in con



water closet rooms, laundry functioning as a component rooms shall be provided with chaust fans shall be switched 507.2) s applied on the under-side		
3" high platform if placed in		
onfined spaces. (G2407)		
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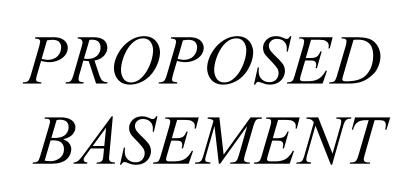
<u>SCALE:</u>

1:100

PROJECT:

28 Burris St., Hamilton, ON, L8M, 2J3

SHEET TITLE :



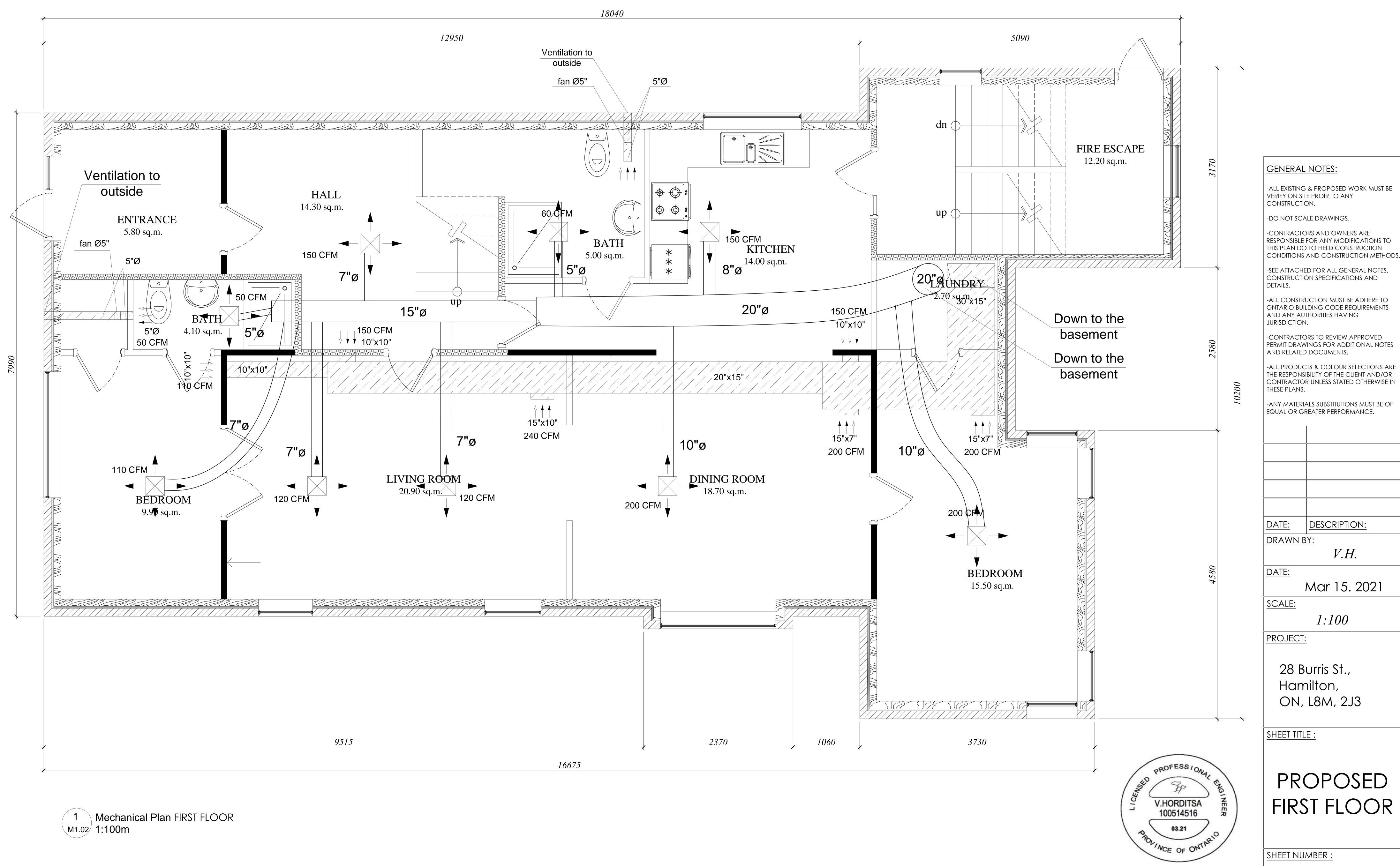
*M1.01* 

SHEET NUMBER :

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3. Show mechanical equipment and water heaters on a 18" high platform if placed in the storage or room with access to storage. (M1307.3)

4. Provide combustion for gas fuel applainces located in confined spaces. (G2407)



# PROPOSED FIRST FLOOR

SHEET NUMBER :

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DESCRIPTION: DATE:

DRAWN BY:

V.H.

DATE: Mar 15. 2021

SCALE:

1:100

PROJECT:

28 Burris St., Hamilton, ON, L8M, 2J3

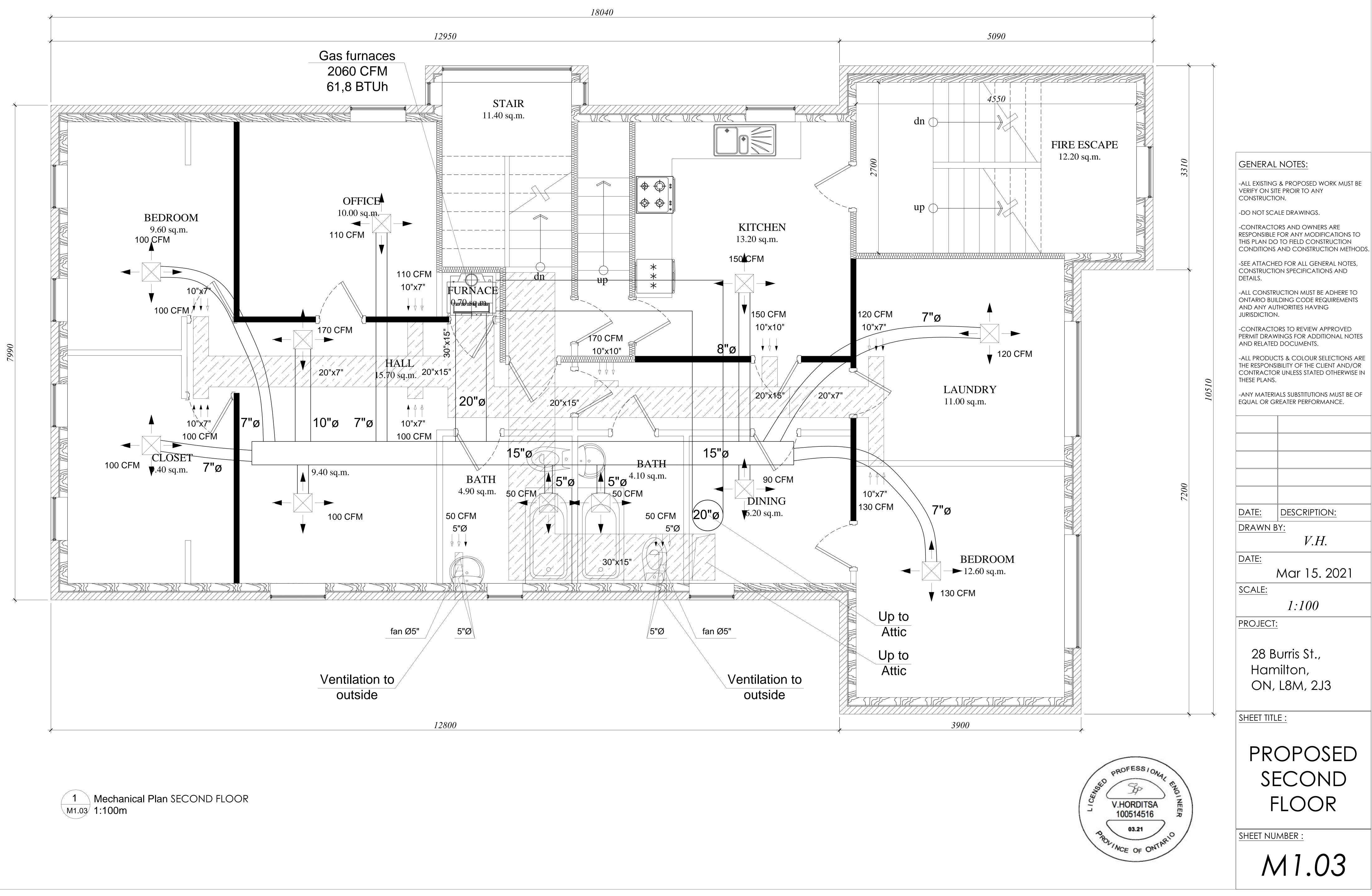
SHEET TITLE :

M1.02

1. Provide mechanical exhaust ventilation for bathrooms, water closet rooms, laundry room and Kitchen, ducted direct to outside. Except where functioning as a component of a whole house ventilation system, exhaust fans in bathrooms shall be provided with a delay timer or humidly / condensation control sensor. Exhaust fans shall be switched separately from lighting systems. (R303.3 amended & M1507.2) 2. Provide attic ventialtion per (R806.1) unless insulation is applied on the under-side of roof sheathing. (R806.5)

3. Show mechanical equipment and water heaters on a 18" high platform if placed in the storage or room with access to storage. (M1307.3)

4. Provide combustion for gas fuel applainces located in confined spaces. (G2407)

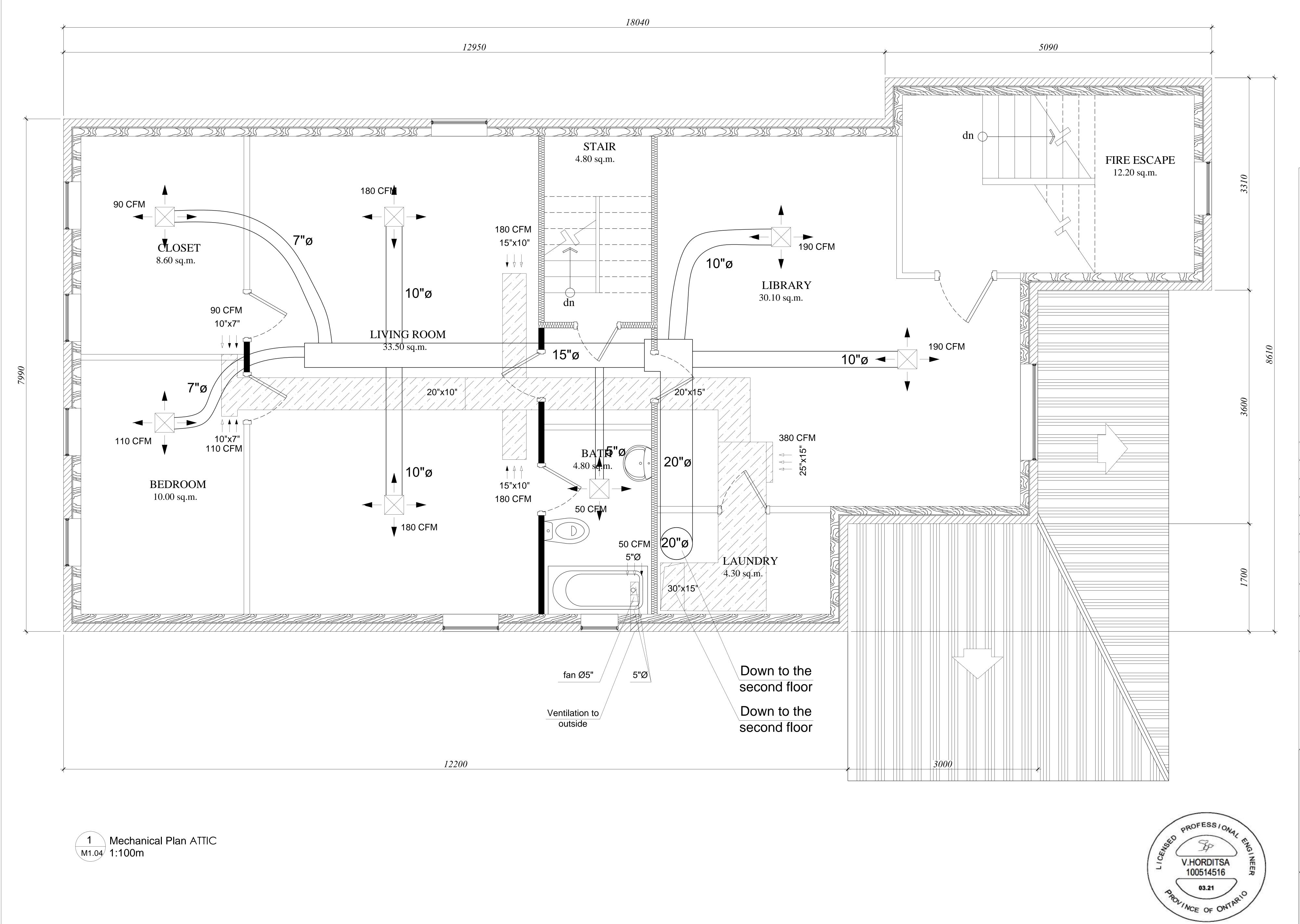


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3. Show mechanical equipment and water heaters on a 18" high platform if placed in the storage or room with access to storage.

4. Provide combustion for gas fuel applainces located in confined spaces.



# GENERAL NOTES:

-ALL EXISTING & PROPOSED WORK MUST BE VERIFY ON SITE PROIR TO ANY CONSTRUCTION.

-DO NOT SCALE DRAWINGS.

-CONTRACTORS AND OWNERS ARE RESPONSIBLE FOR ANY MODIFICATIONS TO THIS PLAN DO TO FIELD CONSTRUCTION CONDITIONS AND CONSTRUCTION METHODS.

-SEE ATTACHED FOR ALL GENERAL NOTES, CONSTRUCTION SPECIFICATIONS AND DETAILS.

-ALL CONSTRUCTION MUST BE ADHERE TO ONTARIO BUILDING CODE REQUIREMENTS AND ANY AUTHORITIES HAVING JURISDICTION.

-CONTRACTORS TO REVIEW APPROVED PERMIT DRAWINGS FOR ADDITIONAL NOTES AND RELATED DOCUMENTS.

-ALL PRODUCTS & COLOUR SELECTIONS ARE THE RESPONSIBILITY OF THE CLIENT AND/OR CONTRACTOR UNLESS STATED OTHERWISE IN THESE PLANS.

-ANY MATERIALS SUBSTITUTIONS MUST BE OF EQUAL OR GREATER PERFORMANCE.

DATE: DESCRIPTION:

DRAWN BY:

V.H.

DATE: Mar 15. 2021

SCALE:

1:100

PROJECT:

28 Burris St., Hamilton, ON, L8M, 2J3

SHEET TITLE :



M1.04

SHEET NUMBER :

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1

HANDRAILS L JOISTS TO HAVE MIN 1 1/2" BEARING • CONTINUOUS HANDRAILS ROVED STEEL HANGERS WHERE FLUSH MOUTING • MAXIMUM HEIGHT: 34"–38 BLE JOISTS OR BLOCKING UNDER PARALLEL NON-LOADBEARING WALLS ABOUT CONCRETE TOPPONG GUARDS: EATED BELOW • GUARDS REQUIRED FOR . IONS: • NO MEMBERS TO FACILITA CKING MID HEIGHT FOR ALL UNFINISHED WALLS • MAX 4"SPACING BETWEEN VIDE BLOCKING BELOW @48" O.C. (BETWEEN PARALLEL JOISTS UNDER NONLOADBEARING • MIN INTERIOR GUARD HEI BER IN CONTACT WITH CONCRETE SHALL BE SEPARATED FROM THE CONCRETE WITH 2MIL NOTES: NO 50(45LBS) ROLL ROOFING PAPER, OR OTHER DAMPROOFING MATERIALS, EXCEPT E THE WOOD MEMBER IS MORE THAN 6" ABOVE GROUND • REFER TO OBC TABLE 9.8.8 NOTES FOR ALL EXTERIOR S/POSTS • CONCRETE STAIRS WITH . R TO PLANS FOR ALL BEAMS AND POSTS SIZES NOTES: • WOOD STAIR SHALL NOT 3 1/2" SOLID BEARING FOR ALL WOOD BEAM 2-PLY OR LESS DECAY OR RESTING ON CON 5 1/2" SOLID BEARING FOR STEEL BEAM AMD WOOD BEAM 3-PLY OR GREATER STRUCTURAL POSTS TO BE THE SAME WIDTH AS MEMBER THER SUPPORT GUARDS: VIDE SOLID CONCRETE FOR TOP 2 COURSES FOR ALL BEAMS AND POSTS BEARING ON • REFER TO OBC SB-3 DETA RY WALLS EAMS AND POSTS TO HAVE SOLID BEARING WITH LOADS CONTINUOUS THROUGH HANDRAILS CONNECTION TION D WELD FOR ALL STEEL BEAM-BEAM CONNECTION. WELDING OR BOLTED CONNECTIONS WALL/CEILI TABLE FOR STEEL POST-BEAM CONNECTIONS. NEER APPROVED JOITS HANGERS AND FASTENERS WHERE REQUIRED FOR JOIST AND W1CONNECTIONS LAMINATED VENEER LUMBER (LVL) BEAMS, GIRDER TRUSSES, AND DESIGNED & CERTIFIED TRUSS MANUFACTURER. JRE QUALITY OF EXISTING MASONRY WALLS IS ADEQUATE FOR ALL LOADS WHERE ED RY WALLS: IDE SOLID MASONRY FILLED TOP COURSE WITH CONTINUOUS 2"x4" SILL PLATE UNDER ALL W2 NG MEMBER AIR AND/OR PARGE AS NEEDED FOR ALL EXISTING MASONRY WALLS REDUCED FOUDATION WALL THICKNESS TO ALLOW BRICK VENEER (WHILE MARINATING *AL SUPPORT)* ONRY OVER OPENINGS SHALL BE SUPPORTED WITH SHOP PRIMED STEEL LINTELS (MIN 6" FLOOR ASSEMBLY (FRAMED) ASSEMBLY: W3 HED FLOORING YWOOD FLOORING OR JOISTS, TRIMMERS, HEADERS, AND BEAMS AS PER PLAN S BRIDGING @ 6'-11"O.C. FROM OTHER BRIDGING OR END SUPPORTS APED DRYWALL OR 1"X3"STRAPPING W4R EXPOSED TO EXTERIOR CONTINUOUS POLY R31 BATT OR FOAM INSULATION VAPOUR PERMEABLE) RIGID FOAM INSULATION CRIOR GRADE PLYWOOD OR ALUMINUM SOFFIT LATES "FASTENED TO TOP OF WALL ANCHOR BOLTS M GASKET OR 6MIL POLY TO SEPARATE PLATE FROM WALL Cl L SILL PLATE WITH NON-SHINK GROUT AS REQUIRED  $\square$ OR JOISTS TO HAVE MIN 1 <sup>1</sup>/<sub>2</sub> "BEARING Y JOISTS SPECIFICATIONS WHERE CONCRETE TOPPING APPLIES APPROVED STEEL

ER WHERE FLUSH MOUNTING BLE JOISTS OR BLOCKING UNDER PARALLEL NON-LOADBEARING WALLS

JRE ALL BEAMS HAVE MIN SOLID BEARING

DECK "P.T. WOOD DECKING ON DECK JOISTS

SURE TREATED DECK JOISTS AND BEAMS AS PER PLAN POST ANCHORED TO METAL SHOE WITH <sup>1</sup>/<sub>2</sub> "BOLTS ON CONCRETE PIER NOTES: ER TO SB-7 OF OBC FOR ALL TYP. SPECIFICATIONS REGARDING RAILINGS

STAIR / HANDRAILS / GUARDS

HEAD ROOM: 6'-5"

WIDTH: 2'-10"

*R LIMITS: 4 7/8"-7 7/8"* 

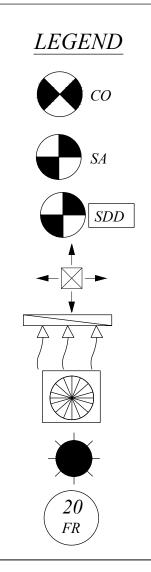
*LIMITS:* 8 ¼"–14"

*D LIMITS: 9 ¼"–14"* 

SET OF WINDERS BETWEEN EACH FLOOR LEVEL (MAX 30"PER WINDER & MIN 48"BETWEEN OF WINDERS

DINGS REQUIRED FOR ALL DOOR SWINGS OVER STAIR

AND RUN DIMENSIONS TO BE UNIFORM FOR ALL FLIGHTS



CARBON INTERCO DUCT M SUPPLY RETURN EXHAU SPINKLE 20 MIN. FIRE RATED SOLID WOOD DOOR

				STRUCT	URAL EL
		WOODI	INTELS	SIRUCI	ORAL EL
DRAILS FOR ALL STAIR WITH 3 OR MORE RISERS : 34"–38"		WOOD L			
. 54 -56			METRIC		
		WL1	$2 - 38 \times 140$		
D FOR ALL AREAS WITH 3 OR MORE RISERS OR ADJACENT LEVEL EXCE	ED 24"	WL2	$2 - 38 \times 184$		
FACILITATE CLIMBING BETWEEN 4"& 35 ½"		WL3	2 -38 x 235 2 -38 x 286		
ETWEEN PICKETS		WL4	$2 - 30 \times 200$		
RD HEIGHT TO BE 35 ½ "@ LANDINGS & STAIRS					
		BUILT U	P WOOD BEAMS		
			METRIC		I
BLE 9.8.8.2 FOR LOAD SPECIFICATIONS LOADS GUARDS		B1	3 -38 x 140		
TERIOR STAIRS:		<i>B2</i>	3 -38 x 184		
WITH 3 OR MORE RISERS REQUIRED FOUNDATIO		<i>B3</i>	3 -38 x 235		
L NOT BE IN DIRECT CONTACT WITH GROUND UNLESS TREATED TO PH	REVENT	<i>B4</i>	3 -38 x 286		
ON CONCRETE PAD		<i>B5</i>	4 -38 x 140		4
		<i>B6</i>	4 -38 x 184		2
2 DETAILS FOR ALL SPECIFIC ATIONS FOR EVTEDIOD CUADDS AND		<i>B7</i>	4 -38 x 235		
<i>3 DETAILS FOR ALL SPECIFICATIONS FOR EXTERIOR GUARDS AND</i> CTION		<i>B8</i>	4 -38 x 286		2
			C DELL		
CEILING SCHEDULE		FOOTING			
			METRIC		
WI EXT. STUD INSULATED WALL		FB1	305		1
		FB2	457		1
-10" FDN WALL		FB3	610		2
-2''x4'' WOOD STUD @ 16'' O.C					I
-R12 BATT INS.		WOOD P			
-6 MIL POLY VAPOUR BARRIER -½" REGULAR GYPSUM			METRIC		
		<i>P1</i>	3 –38 x 89		
$\langle W2 \rangle EXT. BRICK CLADDING$		P2	4 -38 x 89		4
-4" BRICK		<i>P3</i>	140 x 140		0
-1" AIR SPACE		P4	$4 - 38 \times 14$		2
-AIR BARRIER					
-R5 CONTINUOUS RIGID INS. -2"x4" WOOD STUD @ 16" O.C -R19 BATT INS.		STEEL LI	INTELS		
-2 x4 WOOD STOD @ 10 O.C -KT9 BATTINS. -6 MIL POLY VAPOUR BARRIER -½" REGULAR GYPSUM			METRIC		
-0 WIL I OLI VAI OOK DAKKIEK -/2 KEOOLAK OII SOM		L1	90 x 90 x 6		-
		L2	100 x 90 x 6		2
W3 INT. PARTITION WALL		L3	125 x 90 x 1	0	
-3/4" REGULAR GYPSUM		L4	$150 \times 90 \times$	10	
-2''x4'' WOOD STUD @ 16'' O.C		L5	150 x 100 x	13	
-1/2" REGULAR GYPSUM		<i>L6</i>	180 x 100 x	13	
W4 INT. PARTITION WALL					
<u>50 MIN FIRE SEPARATION (SB-3)</u>			CALCULATIONS FO	R ACTUAL	GLAZED
			LOCATION	MINIMUM	UNOBST SS AREA W
-2-1/2'' REGULAR GYPSUM					IC LIGHT
-2''x4'' WOOD STUD @ 16'' O.C					FIRST FL
-3" SOUND INSULATION -2-1/2" REGULAR GYPSUM			BEDROOM	5,0	
$\sim$			LIVING ROOM	10,0	
CI FULL HEIGHT CEILING			DINING ROOM	10,0	
50MIN FIRE SEPARATION (SB-3)			BEDROOM	5,0	~~~~
-WOOD JOISTS					SECOND
-6" SOUND INSULATION			CLOSET	5,0	
-RESILIENT CHANNEL @ 24" O.C			HALL DINING ROOM	5,0 10,0	
-2-1/2" TYPE 'X' GYPSUM			BEDROOM	5,0	
			OFFICE	5,0	
C2 BULKHEAD/STAIR CEILING 30MIN FIRE SEPARATION (SB-2)			BEDROOM	5,0	
				•,•	ATT
2 LAYERS OF 1/2" TYPE 'X' GYPSUM			BEDROOM	5,0	
(NOTE: NO OPENING PERMITTED THIS MEMBRANE)			LIBRARY	5,0	
			LIVING ROOM	10,0	
			CLOSET	5,0	
ARBON MONOXIDE DETECTOR					
TERCONNECTED SMOKE ALARM					
UCT MOUNTED SMOKE DETECTOR					
UPPLY OUTLET					
ETURN AIR INTAKE					
EXHAUST FAN BEA	M				
TPINKLER     DU	CT WORK				
O MIN. FIRE RATED SOLID WOOD DOOR A.P. AC	CESS PANEL				

STRUCTURAL ELEMENTS	5			
2 -2" x 6" 2 -2" x 8"				
2 -2" x 10'	"			
2 -2" x 12'	"			
IMPERIAL				
3 -2" x 6"				
3 -2" x 8"				
3 -2" x 10" 3 -2" x 12'				DESIGN LOADS:
$\begin{array}{c} 3 -2 & x \\ 4 -2'' x 6'' \end{array}$				IMPORTANCE FACTOR, IE:       1         ROOF DEAD LOAD:       1.0KPa         NOW(LOAD:       1.0KPa
4 -2" x 8"				SNOW LOAD:1.28KPaMAX. WIND LOAD:0.46KPaS.FLOOR DEAD LOAD:1.0KPA
4 -2" x 10"	"			S.FLOOR LIVE LOAD: 1.9KPA EARTH QUAKE:
4 -2" x 12				LOCATION:         HAMILTON, ONTARIO           Sa(0.2):         0.26
				Sa(0.5):         0.128           Sa(1.0):         0.061           Sa(2.0):         0.028
IMPERIAL				PGA: 0.168 SITE CLASS: D
12" Ø 18" Ø				IMPORTANCE FACTOR, IE: 1
24" Ø				GENERAL NOTES:
				-ALL EXISTING & PROPOSED WORK MUST BE VERIFY ON SITE PROIR TO ANY
IMPERIAL				-DO NOT SCALE DRAWINGS.
$\frac{11017 EKIAL}{3 - 2 x 4}$				-CONTRACTORS AND OWNERS ARE RESPONSIBLE FOR ANY MODIFICATIONS TO
$\begin{array}{c} 3 & 2 \\ 4 \\ -2 \\ x \\ 4 \end{array}$				THIS PLAN DO TO FIELD CONSTRUCTION CONDITIONS AND CONSTRUCTION METHODS
6 x 6				-SEE ATTACHED FOR ALL GENERAL NOTES, CONSTRUCTION SPECIFICATIONS AND DETAILS.
$4 - 2 \times 6$				-ALL CONSTRUCTION MUST BE ADHERE TO ONTARIO BUILDING CODE REQUIREMENTS
				AND ANY AUTHORITIES HAVING JURISDICTION.
IMPERIAL				-CONTRACTORS TO REVIEW APPROVED PERMIT DRAWINGS FOR ADDITIONAL NOTES
3 <sup>1</sup> / <sub>2</sub> "x 3 <sup>1</sup> / <sub>2</sub> "	"x ¼"			AND RELATED DOCUMENTS. -ALL PRODUCTS & COLOUR SELECTIONS ARE
4 "x 3 ½ "x				THE RESPONSIBILITY OF THE CLIENT AND/OR CONTRACTOR UNLESS STATED OTHERWISE IN THESE PLANS.
4 7/8"x 3 5 7/8" x 3				-ANY MATERIALS SUBSTITUTIONS MUST BE OF EQUAL OR GREATER PERFORMANCE.
$5 \frac{7}{8''} x \frac{5}{3}$				
7 1/8" x 4".	x ½"			
ACTUAL GLAZED AREAS H	FOR ALL	ROOM	S/SPACE	
MINIMUM UNOBSTRUCTED GLASS AREA WITH	ROOM AREA	GLASS AREA	REAL RATIO	
ELECTRIC LIGHTING, %	$m^2$	$m^2$	%	
<i>FIRST FLOOR</i> 5,0	9,9	3,32	33,5	<u>Date :</u> <u>Description :</u>
10,0	20,9	2,28	10,1	DRAWN BY:
10,0	18,7	1,48	7,9	V.H.
5,0 SECOND FLOOR	15,5	5,31	34,3	$\frac{\text{DATE:}}{\text{Nor 15, 2021}}$
5,0	9,4	1,596	17,0	Mar 15. 2021
5,0	9,4	1,03	11,0	SCALE:
10,0 5,0	6,2 12,6	0,83 2,098	<i>13,4</i> <i>16,7</i>	1:100
5,0	10,0	1,03	10,7	<u>Project</u> :
5,0	9,6	1,596	16,6	28 Burris St.,
ATTIC	10,0	1,596	15,96	Hamilton,
5,0 5,0	30,1	2,13	7,1	ON, L8M, 2J3
10,0	33,5	1,98	5,9	
5,0	8,6	1,596	16,6	
				SHEET TITLE :
	/		~	
	PRO	FESS	ONAL ENG	GENERAL
25	~	Sp	- EN	NOTES
	V.HC	ORDIT	SA	
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LICENSA	100			
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	$\langle$	03 21	NTARIO	<u>Sheet Number</u> : A0.00

SECTION A       BUIL DING CONSTRUCTION DETAILS         Plan & Drawing No:       Air tightness:       Assumed ves No         Attachment:		HRAI Residential Heat Los	s and Heat Gain Calculation	ons Page 1 of						
City and Province         [Postal Code           SUBMITTED FOR         DESIGNED/SUBMITTED BY:           Name         Company           Address         Address           City and Province         Postal Code           Telephone         Telephone           E-mail         E-mail           FOR DESIGNER'S USE:         Signature:           Signature:         Date Prepared (MM/DD/YY)         HRAI #           Other Certification # (e.g. BCIN)         Mainternet:           No. of Stories:         Ari trightness:         Assumed ves No.           Weather location:         Ventilated ves No.         Local Shielding:           HRV Model         Mr/A         Internal Shading:         Occupants:           Weather location:         Ventilated Ves No.         Local Shielding:         Metric           Structure:         Structure:         Structure:         Structure:         Structure:           Structure:         Structure:         Structure:         Structure:         Structure:           Structure:	•		BUILDING LOCATION							
Other Landward         City and Province         IPostal Code           Name         Name         Name           Address         Address         Address           City and Province         Postal Code         Company           Address         Address         Address           City and Province         Postal Code         City and Province         Postal Code           Telephone         Telephone         E-mail         FOR DESIGNER'S USE:           Signature:         Date Prepared (MM/DD/YY)         HRAI #         Other Certification # (e.g. BCIN)           SECTION A         BUILDING CONSTRUCTION DETAILS         Pian & Drawing No:         Attachment:         Front facing:         Assumed \vec \vec \vec \vec \vec \vec \vec \vec		Model		Site						
SUBMITTED FOR         DESIGNED/SUBMITTED BY:           Name         Name           Company         Address           Address         Address           City and Province         Postal Code           Telephone         Telephone           E-mail         E-mail           FOR DESIGNER'S USE:         Signature:           Signature:         Date Prepared (MM/DD/YY)           HRAI #         Other Certification # (e.g. BCIN)           SECTION A         BUILDING CONSTRUCTION DETAILS           Plan & Drawing No:         Attachment:           Attachment:         Front facing:           No. of Stories:         Air tightness:           Weather location:         Ventilated \rightness:           N/A         Internal Shading:           Units:         Imperial           Model         \//A           Building Envelope Assemblies           Above Grade Walls         Windows & Skylights           Structure:         Structure:           Structure:         Structure:           Structure:         Structure:           Structure:         Structure:           Structure:         Structure:           Structure:         Structure:		Address		Lot						
Name       Company         Address       Address         City and Province       Postal Code         Telephone       Telephone         E-mail       E-mail         FOR DESIGNER'S USE:       Signature:         Signature:       Date Prepared (MM/DD/YY)       HRAI #         Other Certification # (e.g. BCIN)       SECTION A       BUILDING CONSTRUCTION DETAILS         Plan & Drawing No:       Attachment:       Assumed   ves.   No         Attachment:       Ventilated   Ves   No       Local Shielding:         No. of Stories:       Air diptiness:       Assumed   ves.   No         Building Envelope Assemblies       Matric       No         Building Envelope Assemblies       Structure:       Structure:         Structure:       Structure:       Structure:       Structure:         Structure:       Structure: <td< td=""><td>YOUR ENVIRONMENT OUR EXPERIISE</td><td>City and Province</td><td colspan="8">Postal Code</td></td<>	YOUR ENVIRONMENT OUR EXPERIISE	City and Province	Postal Code							
Address       Address         City and Province       Postal Code         City and Province       Postal Code         Telephone       Telephone         E-mail       E-mail         FOR DESIGNER'S USE:       Date Prepared (MM/DD/YY)       HRAI #         Other Certification # (e.g. BCIN)         SECTION A       BUILDING CONSTRUCTION DETAILS         Plan & Drawing No:       Attachment:       Front facing:       AssumedvenNo         No. of Stories:       VentilatedvenNo       Local Shielding:       Mo         Weather location:       VentilatedvenNo       Local Shielding:       Occupants:         Units:	SUBM	AITTED FOR	DESIGNE	D/SUBMITTED BY:						
Address     Address       City and Province     Postal Code       City and Province     Postal Code       Telephone     Telephone       E-mail     E-mail       FOR DESIGNER'S USE:     Date Prepared (MM/DD/YY)     HRAI #       Signature:     Other Certification # (e.g. BCIN)       SECTION A     BUILDING CONSTRUCTION DETAILS       Plan & Drawing No:     Attrachment:     Front facing:       Assumed     Yes:     No       No. of Stories:     Air tightness:     Assumed       Weather location:     Ventilated     Yes:       No. of Stories:     Air tightness:     Assumed       Weather location:     Ventilated     Yes:       INO     Model     Wara     Internal Shading:       HRV Model     Wara     Internal Shading:     Occupants:       Unitis:     Unitis:     Imperial     Metric       Building Envelope Assemblies     Structure:     Structure:       Structure:     Structure:     Structure:<	Name		Name							
City and Province Postal Code City and Province Postal Code Telephone E-mail E-mail E-mail E-mail E-mail E-mail FOR DESIGNER'S USE: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) Signature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SIgnature: Date Prepared (MM/DD/YY) HRAI # Signature: Date Prepared (MM/DD/YY) HRAI # Signature: Si			Company							
Telephone       Telephone         E-mail       E-mail         FOR DESIGNER'S USE:       Signature:         Signature:       Date Prepared (MM/DD/YY)       HRAI #         Other Certification # (e.g. BCIN)       SECTION A       BUILDING CONSTRUCTION DETAILS         Plan & Drawing No:       Attachment:       Front facing:       Assumedves No         No. of Stories:       Air tightness:       Assumedves No       Nocal Shielding:         Weather location:       Ventilatedves No       Local Shielding:       Occupants:         Units:       Immerial Shading:       Occupants:       Units:       Immerial Metric         Building Envelope Assemblies       Structure:       Structure:       Structure:       Structure:         Structure:       Structure:       Structure:       Structure: <t< td=""><td>Address</td><td></td><td>Address</td><td></td></t<>	Address		Address							
Telephone       Telephone         E-mail       E-mail         FOR DESIGNER'S USE:       Date Prepared (MM/DD/YY)       HRAI #       Other Certification # (e.g. BCIN)         Signature:       Date Prepared (MM/DD/YY)       HRAI #       Other Certification # (e.g. BCIN)         SECTION A       BUILDING CONSTRUCTION DETAILS       Plan & Drawing No:         Attachment:       Front facing:       Assumed ves No         No. of Stories:       Air tightness:       Assumed ves No         Weather location:       Ventilated ves No       Local Sheliding:       Occupants:         Units:       Imperial       Metric         Building Envelope Assemblies       Structure:       Structure:         Structure:       Structure:       Structure:       Structure:         Structure:	City and Province	Postal Code	City and Province	Postal Code						
E-mail FOR DESIGNER'S USE: Signature: Date Prepared (MM/DD/YY) HRAI # Other Certification # (e.g. BCIN) SECTION A BUILDING CONSTRUCTION DETAILS Plan & Drawing No: Attachment: No. of Stories: AssumedVesNo Local Shielding: HRV Model N/A Internal Shading: Occupants: Internal Shading: Docupants: Internal Shading: Docupants: Internal Shading: Structure: Struct	-									
FOR DESIGNER'S USE:         Signature:       Date Prepared (MM/DD/YY)       HRAI # Other Certification # (e.g. BCIN)         SECTION A       BUILDING CONSTRUCTION DETAILS         Plan & Drawing No:       AssumedYesNo         Attachment:       AssumedYesNo         No       Structure:         Method & BuilLDING CONSTRUCTION DETAILS         Plan & Drawing No:       Attachment:       AssumedYesNo         Model       AssumedYesNo         Weather location:       VentilatedYesNo       Local Shielding:       Occupants:         Units:       ImperialMetric         Building Envelope Assemblies         Above Grade Walls										
Signature:       Date Prepared (MM/DD/YY)       HRAI #       Other Certification # (e.g. BCIN)         SECTION A       BUILDING CONSTRUCTION DETAILS         Plan & Drawing No:       Attachment:       Front facing:       Assumed _ws.  wo.         No. of Stories:       Air tightness:       Assumed _ws.  wo.       No.         Weather location:       Ventilated _ws.  wo.       Local Shielding:       Incental Shading:       Occupants:         HRV Model       wind       Internal Shading:       Occupants:       Occupants:         Units:       Imperial       Metric         Building Envelope Assemblies       Structure:       Structure:         Structure:       Structure:       Structure:										
Plan & Drawing No:       Front facing:       Assumed \res \No         Attachment:       Front facing:       Assumed \res \No         No. of Stories:       Air tightness:       Assumed \res \No         Weather location:       Ventilated \res \No       Local Shielding:       Assumed \res \No         HRV Model       \NA       Internal Shading:       Occupants:         Units:       Importal       Metric         Building Envelope Assemblies         Structure:         Structure:       Structure:	Signature:	Date Prepared (MM/DD/YY)	HRAI #	Other Certification # (e.g. BCIN)						
Plan & Drawing No:       Front facing:       Assumed [] Yes [] No         Attachment:       Front facing:       Assumed [] Yes [] No         No. of Stories:       Air tightness:       Assumed [] Yes [] No         Weather location:       Ventilated [] Yes [] No       Local Shielding:       Mo         HRV Model       [] Ni/A       Internal Shading:       Occupants:         Units:       [] Imperial       Metric         Building Envelope Assemblies         Structure:         Structure:       Structure:	SECTION A	BUILDING CON	STRUCTION DETAILS							
Attachment:       Front facing:       Assumed Yes       No         No. of Stories:       Air tightness:       Assumed Yes       No         Weather location:       Ventilated Yes       No       Local Shielding:         HRV Model       No       Internal Shading:       Occupants:         Units:       Imperial       Metric         Building Envelope Assemblies       Metric         Structure:       Structure:       Structure:         Structure:       Structure:       Structure: <t< td=""><td></td><td></td><td></td><td></td></t<>										
No. of Stories:       Air tightness:       Assumed \res \no         Weather location:       Ventilated \res \no       Local Shielding:         HRV Model       \nvi \nits:       Internal Shading:       Occupants:         Internal Shading:       \nvi \nits:       Imperial       Metric         Building Envelope Assemblies         Windows & Skylights         Structure:         Structur	_		Front facing:							
Weather location:       Ventilated       Yes       No       Local Shielding:       Occupants:         HRV Model       Internal Shading:       Occupants:       Units:       Imperial       Metric         Building Envelope Assemblies         Mine Metric         Building Envelope Assemblies         Mine Metric         Mine Metric         Building Envelope Assemblies         Mine Metric         Structure:										

	HRAI Residential Heat Loss and Heat Gain Calculations Page 2 of												
SECTIO	SECTION B DESIGN CONDITIONS												
HEAT LOSS HEAT GAIN													
Outdoor Design Temperature Heating(ODT) °F / °C Outdoor Design Temperature Cooling (ODT) °F / °C													
Indoor I	Design Tempe	erature (IDT)	•F / °C	Indoor I	Design Tempe	erature (IDT)	•F / °C						
Mean S	oil Temperatu	ire	•F / °C	North L	atitude		•						
	Summer Mean Daily Temperature Range °F / °												
Building Volume (Vb) $ft^3 / m^3$ Building Conditioned Area $ft^2 / m^2$ UDV Assessed Describe Effective sector (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)													
HRV A	HRV Apparent Sensible Effectiveness = (insert N/A if no HRV/ERV installed)												
Ventilation System:													
	Case #1: Exhaust Only System Case #2: Direct Ducted System Case #3: Central Forced Air System												
SECTIO	SECTION C ROOM HEAT LOSS / HEAT GAIN SUMMARY												
	Total Heat Loss         Total Heat Gain         Total Heat Loss         Total Heat Gain           Calculated         Calculated         Calculated         Calculated         Calculated												
		Calculated	Calculated			Calculated	Calculated						
Level	Room Name	Section 16	Section 17	Level	Room Name	Section 16	Section 17						
		Btuh/W	Btuh/W			Btuh/W	Btuh/W						
							2.00.0, 11						
				SUE	B TOTAL								
	Section 18 Section 21												
SECTIO	ON D		BUILDING HEA	T LOS	S SUMMARY								
Buil	ding Sub Total	l Heat Loss	(Section 18)		Btuh/W								
Cen	tral Forced Air	Ventilation Heat Los	ss* (Section 19)		Btuh/W	*Only applicable for	r ventilation case #3						
Tota	al Building He	eat Loss	(Section 20)		Btuh/W								
	-												
SECTIO	ON E		BUILDING HE	AT GAIN	I SUMMARY								
Buil	ding Sub Total	l Heat Gain	(Section 21)		Btuh/W								
Cen	tral Forced Air	Ventilation Heat Ga	in* (Section 22)		Btuh/W	*Only applicable for	ventilation case #3						
Tota	al Building He	eat Gain	(Section 23)		Btuh/W	2							
	-		· · ·										
Notes:													
	Notes:												
				lathacar	Rive East C	uito 101							
			From: HRAI, 2350 M				Vor Son / 2010						
			Mississauga, On	iano L4	·vv 209		ver. Sep / 2018						

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	HRA	Calculat	Calculations			Page 3 of						
COMPONENTS     B     R-VALUE     R     SC     R     H     RM       Col 1     Col 2     Col 3     Col 4     HEAT     HEAT     HEAT       Area     LOSS     GA     GA     HEAT     HEAT     HEAT       1.GROSS     THGM     GA     GA     GA       2.WINDOWS,     THGM     THGM     GA       2.WINDOWS,     THGM     GA     GA       3.EXPOSED     THGM     GA       DOORS     THGM     GA       4.NET EXPOSED     GA     GA       S.EXPOSED     GA     GA       DOORS     GA     GA       4.NET EXPOSED     GA     GA       GARSS     GA     GA       S.HEADER     GA     GA       AREAS     GA     GA       S.HEADER     GA     GA       AREAS     GA     GA       S.OTHER     GA     GA       S.OTHER </td <td></td> <td></td> <td>HL ΔT =</td> <td>HG ∆T</td> <td colspan="4">HG ΔT =</td> <td colspan="4">Page 3 of</td>			HL ΔT =	HG ∆T	HG ΔT =				Page 3 of			
1.GROSS       Image: Constraint of the second		₩ EFFECTIVE <u>HLΔT</u>							∆T+SC)	P <sub>E</sub>	LVL	
1.GROSS       Image: Constraint of the second	COMPONENTS	I.I.	R-VALUE		R	30			R	н	RM	
1.GROSS       Image: Constraint of the second	COMPONENTS	STRUC	Col 1		Col 2	Col 3		C	Col 4			HEAT GAIN
EXPOSED WALLS         Image: Constraint of the second												-
EXPOSED WALLS         Image: Constraint of the second	4 00000											
Image: Construct of the second seco												
2.WINDOWS, GLASS DOORS AND SKYLIGHT GLASS DOORS AND SKYLIGHT AND SKYLIGHT GLASS DOORS AND SKYLIGHT GLASS DOORS GLASS DOORS COULTIVE CONDUCTIVE HEAT LOSS GLASS DOORS GLASS DOORS GLASS DOORS CONDUCTIVE HEAT GAIN MULTIPLIER CONDUCTIVE CONDUCTIVE HEAT LOSS MULTIPLIER CONDUCTIVE CONDUCTIVE HEAT LOSS MULTIPLIER CONDUCTIVE HEAT GAIN MULTIPLIER CONDUCTIVE CONDUCTIVE HEAT LOSS MULTIPLIER CONDUCTIVE CONDUCTIVE CONDUCTIVE HEAT GAIN MULTIPLIER CONDUCTIVE CONDUCTIVE CONDUCTIVE HEAT GAIN MULTIPLIER CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE HEAT GAIN MULTIPLIER CONDUCTIVE CONDUCTIVE CONDUCTIVE HEAT GAIN MULTIPLIER CONTINE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCTIVE CONDUCT	EXPOSED WALLS											
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AND SKYLIGHT							TI	HGM				
Image: Construct of the second sec							TI	HGM				
3.EXPOSED DOORS  4.NET EXPOSED 4.NET EXPOSED 4.NET EXPOSED 4.NET EXPOSED 4.NET EXPOSED 4.NET EXPOSED 5.HEADER 5.HEADER 6.EXPOSED 6.EXPOSE 6.EXPOS 6.EXPOSE 6.EXPOS							TI	HGM				
DOORS							TI	HGM				
4.NET EXPOSED	3.EXPOSED											
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AREAS	WALLS											
AREAS												
6.EXPOSED	5.HEADER											
CEILINGS	AREAS											
7.EXPOSED       Image: Construct of the second	6.EXPOSED											
FLOORS       Image: Construct of the system of	CEILINGS											
8.OTHER	7.EXPOSED											
9.FOUNDATION CONDUCTIVE HEAT LOSS       BASEMENT       SLAB ON GRADE         9.FOUNDATION CONDUCTIVE HEAT LOSS       LVL 1       LVL 2       LVL 3       LVL 4         10. TOTAL       TOTAL HEAT LOSS       LVL 1       LVL 2       LVL 3       LVL 4         10. TOTAL       TOTAL HEAT GAIN       Image: constant of the stant of	FLOORS											
9.FOUNDATION CONDUCTIVE HEAT LOSS       BASEMENT       SLAB ON GRADE         10. TOTAL       TOTAL HEAT LOSS       LVL 1       LVL 2       LVL 3       LVL 4         10. TOTAL       TOTAL HEAT LOSS       LVL 4       Image: Conductive for the formation of the												
LVL 1LVL 2LVL 3LVL 410. TOTAL CONDUCTIVETOTAL HEAT LOSS												
10. TOTAL       TOTAL HEAT LOSS       Image: Conductive for the second s	9.FOUNDATION CO	ONDU	ICTIVE HEAT I	LOSS								
CONDUCTIVETOTAL HEAT GAINImage: Conductive conducting					LVL 1	LVL 2	LV	L 3	LVL 4			
11. AIR LEAKAGE       HEAT LOSS MULTIPLIER       Image: Constraint of the state of the												
11. AIR LEAKAGE       HEAT GAIN MULTIPLIER       Image: Constraint of the state of the	CONDUCTIVE											
HEAT GAIN MULTIPLIER       HEAT LOSS MULTIPLIER         12a. VENTILATION:       HEAT LOSS MULTIPLIER         EXHAUST ONLY       HEAT GAIN MULTIPLIER         12b. VENTILATION:       HEAT GAIN MULTIPLIER         DIRECT DUCTED SYSTEM       HEAT GAIN MULTIPLIER         13. INTERNAL HEAT GAIN (PEOPLE, LIGHTS, APPLIANCES, PLUG LOADS)       QVr         14. NET LOADS       ADD SECTIONS (10 + 11 + 12 + 13)         15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES       LOSS         16. TOTAL HEAT LOSS FOR EACH ROOM       ADD SECTIONS (14 + 15)       LOSS	11. AIR LEAKAGE											
EXHAUST ONLY       HEAT GAIN MULTIPLIER       QVr         12b. VENTILATION:       HEAT LOSS MULTIPLIER       QVr         DIRECT DUCTED SYSTEM       HEAT GAIN MULTIPLIER       QVr         13. INTERNAL HEAT GAIN (PEOPLE, LIGHTS, APPLIANCES, PLUG LOADS)       Image: Comparison of the system of	_						1					
12b. VENTILATION:       HEAT LOSS MULTIPLIER       Qvr         DIRECT DUCTED SYSTEM       HEAT GAIN MULTIPLIER       Image: Comparison of the comparison												
DIRECT DUCTED SYSTEMHEAT GAIN MULTIPLIERImage: Constraint of the system13. INTERNAL HEAT GAIN (PEOPLE, LIGHTS, APPLIANCES, PLUG LOADS)Image: Constraint of the systemImage: Constraint of the system14. NET LOADSADD SECTIONS (10 + 11 + 12 + 13)Image: Constraint of the systemImage: Constraint of the system15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACESImage: Constraint of the systemImage: Constraint of the system16. TOTAL HEAT LOSS FOR EACH ROOMADD SECTIONS (14 + 15)Image: Constraint of the systemImage: Constraint of the system			HEAT GAIN MU				1					
13. INTERNAL HEAT GAIN (PEOPLE, LIGHTS, APPLIANCES, PLUG LOADS)       11         14. NET LOADS       ADD SECTIONS (10 + 11 + 12 + 13)         15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES       LOSS         16. TOTAL HEAT LOSS FOR EACH ROOM       ADD SECTIONS (14 + 15)       LOSS										Qvr		
14. NET LOADS       ADD SECTIONS (10 + 11 + 12 + 13)         15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES       LOSS         16. TOTAL HEAT LOSS FOR EACH ROOM       ADD SECTIONS (14 + 15)       LOSS												
15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES       LOSS         16. TOTAL HEAT LOSS FOR EACH ROOM       ADD SECTIONS (14 + 15)		T GA	AN (PEOPLE, I	LIGHTS, A								
15. DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES       GAIN         16. TOTAL HEAT LOSS FOR EACH ROOM       ADD SECTIONS (14 + 15)       LOSS												
	15 DUCT / PIPE HEAT LOSS/GAIN THROUGH UNCONDITIONED SPACES											
18. SUB TOTAL HEAT LOSS (SUM OF SECTION 16) 20. TOTAL HEAT LOSS	-											
19. CENTRAL FORCED AIR VENTILATION HEAT LOSS ADD SECTIONS (18 + 19)					/			AD	D SECTIO	ONS (18 +	19)	
21. SUB TOTAL HEAT GAIN (SUM OF SECTION 17) 23. TOTAL HEAT GAIN											,	
22. CENTRAL FORCED AIR VENTILATION HEAT GAIN ADD SECTIONS (21 + 22)												

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room or area name and identify carefully	indoor temperature, °	outdoor temperature, °	ΔT,° C	components	l, m	h, m	A, m²	R-value, (m².°C)/w	k (1/R), w/(m²·°C)	SC	1+SC	air leakage, w	HEAT LOSS, w
					BAS	EMENT							•
STORAGE	22	-17	39	walls	7,1	3	20,27	3,52	0,28	0,05	1,05		236
10.40 sq.m.	22	-17	39	windows, doors	0,86	1,2	1,032	1,60	0,63	0,05	1,05		27
	22	-17	39	floors			10,4	5,46	0,18	0,05	1,05		78
												273	614
WASHROOM	22	-17	39	walls	3,1	3	9,3	3,52	0,28	0,05	1,05		109
4.00 sq.m.	22	-17	39	floors			4	5,46	0,18	0,05	1,05		30
												105	244
STORAGE	22	-17	39	walls	3,9	3	9,78	3,52	0,28	0,05	1,05		114
14.10 sq.m.	22	-17	39	windows, doors	1,6	1,2	1,92	1,60	0,63	0,05	1,05		50
	22	-17	39	floors			14,1	5,46	0,18	0,05	1,05		106
												371	641
STORAGE	22	-17	39	walls	3,1	3	9,3	3,52	0,28	0,05	1,05		109
5.60 sq.m.	22	-17	39	floors			5,6	5,46	0,18	0,05	1,05		42
												147	298
STORAGE	22	-17	39	walls	11,7	3	33,18	3,52	0,28	0,05	1,05		387
12.80 sq.m.	22	-17	39	windows, doors	0,8	1,2	0,96	1,60	0,63	0,05	1,05		25
	22	-17	39	windows, doors	0,8	1,2	0,96	1,60	0,63	0,05	1,05		25
	22	-17	39	floors			12,8	5,46	0,18	0,05	1,05		96
												336	869
STORAGE	22	-17	39	walls	7,2	3	18,36	3,52	0,28	0,05	1,05		214
27.50 sq.m.	22	-17	39	windows, doors	1,8	1,2	2,16	1,60	0,63	0,05	1,05		56
	22	-17	39	windows, doors	0,9	1,2	1,08	1,60	0,63	0,05	1,05		28
	22	-17	39	floors			27,5	5,46	0,18	0,05	1,05		207
												723	1 228

FURNACE ROOM	22	-17	39	walls	7,4	3	22,2	3,52	0,28	0,05	1,05		259
11.60 sq.m.	22	-17	39	floors			11,6	5,46	0,18	0,05	1,05		87
												305	651
								TO	TAL CON	DUCTI	VE (BAS	SEMENT)	2285
	TOTAL AIR LEAKAGE (BASEMENT) TOTAL HEAT LOSS (BASEMENT)												
								Т	OTAL HE	EAT LOS	SS (BAS	SEMENT)	4546
					<b>FIRS</b> 1	FLOO	R						
ENTRANCE	22	-17	39	walls	5,4	3,3	14,87	5,11	0,20	0,05	1,05		120
5.80 sq.m.	22	-17	39	windows, doors	1,34	2,2	2,948	1,60	0,63	0,05	1,05		76
												152	348
HALL	22	-17	39	walls	3	3,3	9,9	5,11	0,20	0,05	1,05		80
14.30 sq.m.												376	456
BATH	22	-17	39	walls	3,5	3,3	11,55	5,11	0,20	0,05	1,05		93
5.00 sq.m.												131	224
LIVING ROOM	22	-17	39	walls	3,5	3,3	9,15	5,11	0,20	0,05	1,05		74
14.00 sq.m.	22	-17	39	windows, doors	1,6	1,5	2,4	1,60	0,63	0,05	1,05		62
												368	504
CLOSET	22	-17	39	walls	1,4	3,3	4,62	5,11	0,20	0,05	1,05		38
2.70 sq.m.												71	109
BEDROOM	22	-17	39	walls	13,2	3,3	38,76	5,11	0,20	0,05	1,05		311
15.50 sq.m.	22	-17	39	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		31
	22	-17	39	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		31
	22	-17	39	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		31
	22	-17	39	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		31
												407	842
KITCHEN	22	-17	39	walls	4,8	3,3	13,14	5,11	0,20	0,05	1,05		106
18.70 sq.m.	22	-17	39	windows, doors	1,8	1,5	2,7	1,60	0,63	0,05	1,05		70
												492	668
REC. ROOM	22	-17	39	walls	5,4	3,3	15,12	5,11	0,20	0,05	1,05		122
20.90 sq.m.	22	-17	39	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		35
	22	-17	39	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		35
												549	741

BEDROOM	22	-17	39	walls	6,9	3,3	19,77	5,11	0,20	0,05	1,05		159
9.90 sq.m.	22	-17	39	windows, doors	2	1,5	3	1,60	0,63	0,05	1,05		77
												260	496
								ΤΟΤΑ	L CONDI	JCTIVE	(FIRST	FLOOR)	1582
								TOTA	L AIR LE	AKAGE	(FIRST	FLOOR)	2807
								TO	TAL HEA	T LOSS	(FIRST	FLOOR)	4389
					SECON	ID FLO	OR						
BEDROOM	22	-17	39	walls	7	3,3	21	5,11	0,20	0,05	1,05		169
9.60 sq.m.	22	-17	39	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		27
	22	-17	39	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		27
												252	475
LIVING ROOM	22	-17	39	walls	3,2	3,3	9,21	5,11	0,20	0,05	1,05		74
10.00 sq.m.	22	-17	39	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		35
												263	372
LIVING/KITCHEN	22	-17	39	walls	3,6	3,3	10,68	5,11	0,20	0,05	1,05		86
13.20 sq.m.	22	-17	39	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		31
												347	464
BEDROOM	22	-17	39	walls	3,4	3,3	8,37	5,11	0,20	0,05	1,05		68
11.00 sq.m.	22	-17	39	windows, doors	1,9	1,5	2,85	1,60	0,63	0,05	1,05		73
												289	430
BEDROOM	22	-17	39	walls	10,1	3,3	30,48	5,11	0,20	0,05	1,05		245
12.60 sq.m.	22	-17	39	windows, doors	1,9	1,5	2,85	1,60	0,63	0,05	1,05		73
												331	649
REC.	22	-17	39	walls	2,6	3,3	7,53	5,11	0,20	0,05	1,05		61
6.20 sq.m.	22	-17	39	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		27
												163	251
BATH	22	-17	39	walls	1,7	3,3	5,61	5,11	0,20	0,05	1,05		45
4.10 sq.m.												108	153
BATH	22	-17	39	walls	2,1	3,3	6,03	5,11	0,20	0,05	1,05		49
4.90 sq.m.	22	-17	39	windows, doors	0,6	1,5	0,9	1,60	0,63	0,05	1,05		24
												129	202
BEDROOM	22	-17	39	walls	3,2	3,3	9,21	5,11	0,20	0,05	1,05		74

9.40 sq.m.	22	-17	39	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		35
												247	356
BEDROOM	22	-17	39	walls	7	3,3	21	5,11	0,20	0,05	1,05		169
9.40 sq.m.	22	-17	39	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		27
	22	-17	39	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		27
												247	470
									CONDUC			,	1446
									AIR LEAK			/	2376
								TOTA	_ HEAT L	OSS (S	ECOND	FLOOR)	3822
					A	TTIC							
BEDROOM	22	-17	39	walls	6,5	3,3	19,23	5,11	0,20	0,05	1,05		155
8.60 sq.m.	22	-17	39	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		29
	22	-17	39	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		29
	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												226	466
LIVING ROOM	22	-17	39	walls	9	3,3	27,09	5,11	0,20	0,05	1,05		218
33.50 sq.m.	22	-17	39	windows, doors	0,87	1,5	1,305	1,60	0,63	0,05	1,05		34
	22	-17	39	windows, doors	0,87	1,5	1,305	1,60	0,63	0,05	1,05		34
	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												881	1 194
LIVING ROOM	22	-17	39	walls	10,8	3,3	33,39	5,11	0,20	0,05	1,05		268
30.10 sq.m.	22	-17	39	windows, doors	1,5	1,5	2,25	1,60	0,63	0,05	1,05		58
	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												791	1 144
WASHROOM	22	-17	39	walls	5	3,3	16,5	5,11	0,20	0,05	1,05		133
4.30 sq.m.	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												113	273
BATH	22	-17	39	walls	1,7	3,3	4,71	5,11	0,20	0,05	1,05		38
4.80 sq.m.	22	-17	39	windows, doors	0,6	1,5	0,9	1,60	0,63	0,05	1,05		24
	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												126	215
BEDROOM	22	-17	39	walls	7	3,3	20,88	5,11	0,20	0,05	1,05		168

10.00 sq.m.	22	-17	39	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		29
	22	-17	39	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		29
	22	-17	39	ceilings			3,5	5,46	0,18	0,05	1,05		27
												263	516
	TOTAL CONDUCTIVE (ATTIC)										1408		
									TOTAL	. AIR LE	AKAGE	(ATTIC)	2400
									TOT	AL HEA	T LOSS	G (ATTIC)	3808
INTERNAL HEAT GE	EIN (PE	OPLE AN		PLIANCES), w	764							-	
SUB TOTAL HEAT L	.OSS (W	/HOLE H	IOUSE	), W	6721								
VENTILATION HEAT	SE), w	9844											
TOTAL HEAT LOSS	(WHOL	E HOUS	E), w		15801								

					HEA		N						
	S	ပ္စ		Ch	aracteri	stics of	a protec	tion				W	
room or area name and identify carefully	n.	outdoor temperature, '	∆T,° C	components	l, m	'n, m	A, m²	R-value, (m².°C)/w	k (1/R), w/(m².°C)	sc	1+SC	air leakage, v	HEAT LOSS, w
					BAS	EMENT	1						
STORAGE	22	31	9	walls	7,1	3	20,27	3,52	0,28	0,05	1,05		55
10.40 sq.m.	22	31	9	windows, doors	0,86	1,2	1,032	1,60	0,63	0,05	1,05		7
	22	31	9	floors			10,4	5,46	0,18	0,05	1,05		18
												158	238
WASHROOM	22	31	9	walls	3,1	3	9,3	3,52	0,28	0,05	1,05		25
4.00 sq.m.	22	31	9	floors			4	5,46	0,18	0,05	1,05		7
												61	93
STORAGE	22	31	9	walls	3,9	3	9,78	3,52	0,28	0,05	1,05		27
14.10 sq.m.	22	31	9	windows, doors	1,6	1,2	1,92	1,60	0,63	0,05	1,05		12
	22	31	9	floors			14,1	5,46	0,18	0,05	1,05		25
												214	278
STORAGE	22	-17	39	walls	3,1	3	9,3	3,52	0,28	0,05	1,05		109

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5.60 sq.m.	22	-17	39	floors			5,6	5,46	0,18	0,05	1,05		42
												368	519
STORAGE	22	31	9	walls	11,7	3	33,18	3,52	0,28	0,05	1,05		90
12.80 sq.m.	22	31	9	windows, doors	0,8	1,2	0,96	1,60	0,63	0,05	1,05		6
	22	31	9	windows, doors	0,8	1,2	0,96	1,60	0,63	0,05	1,05		6
	22	31	9	floors			12,8	5,46	0,18	0,05	1,05		23
												194	319
STORAGE	22	31	9	walls	7,2	3	18,36	3,52	0,28	0,05	1,05		50
27.50 sq.m.	22	31	9	windows, doors	1,8	1,2	2,16	1,60	0,63	0,05	1,05		13
	22	31	9	windows, doors	0,9	1,2	1,08	1,60	0,63	0,05	1,05		7
	22	31	9	floors			27,5	5,46	0,18	0,05	1,05		48
												417	535
FURNACE ROOM	22	31	9	walls	7,4	3	22,2	3,52	0,28	0,05	1,05		60
11.60 sq.m.	22	31	9	floors			11,6	5,46	0,18	0,05	1,05		21
												176	257
									TAL CON			/	651
									TAL AIR I		<u> </u>	/ _	1587
								-	TOTAL HI	EAT GA	IN (BAS	SEMENT)	2238
					FIRST	FLOO	R						
ENTRANCE	22	31	9	walls	5,4	3,3	14,87	5,11	0,20	0,05	1,05		28
5.80 sq.m.	22	31	9	windows, doors	1,34	2,2	2,948	1,60	0,63	0,05	1,05		18
												88	134
HALL	22	31	9	walls	3	3,3	9,9	5,11	0,20	0,05	1,05		19
14.30 sq.m.												217	236
BATH	22	31	9	walls	3,5	3,3	11,55	5,11	0,20	0,05	1,05		22
5.00 sq.m.												76	98
LIVING ROOM	22	31	9	walls	3,5	3,3	9,15	5,11	0,20	0,05	1,05		17
14.00 sq.m.	22	31	9	windows, doors	1,6	1,5	2,4	1,60	0,63	0,05	1,05		15
												212	244
CLOSET	22	31	9	walls	1,4	3,3	4,62	5,11	0,20	0,05	1,05		9
2.70 sq.m.												41	50
BEDROOM	22	31	9	walls	13,2	3,3	38,76	5,11	0,20	0,05	1,05		72

15.50 sq.m.	22	31	9	windows, doors	0,8	1,5	1,2	1,60	0,63	0.05	1,05		8
	22	31	9	windows, doors	0,8	1,5	1,2	1,60	0.63	0.05	1,05		8
	22	31	9	windows, doors	0,8	1,5	1,2	1,60	0,63	0.05	1,05		8
	22	31	9	windows, doors	0,8	1,5	1,2	1,60	0,63	0.05	1,05		8
			_	,	- , -	, -	,	,	- ,		,	235	339
KITCHEN	22	31	9	walls	4,8	3,3	13,14	5,11	0,20	0,05	1,05		25
18.70 sq.m.	22	31	9	windows, doors	1,8	1,5	2,7	1,60	0,63	0,05	1,05		16
												284	325
REC. ROOM	22	31	9	walls	5,4	3,3	15,12	5,11	0,20	0,05	1,05		28
20.90 sq.m.	22	31	9	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		8
	22	31	9	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		8
												317	361
BEDROOM	22	31	9	walls	6,9	3,3	19,77	5,11	0,20	0,05	1,05		37
9.90 sq.m.	22	31	9	windows, doors	2	1,5	3	1,60	0,63	0,05	1,05		18
												150	205
								ΤΟΤΑ	L CONDU	JCTIVE	(FIRST	FLOOR)	372
											<b>`</b>	FLOOR)	1620
								TO	TAL HEA	T GAIN	(FIRST	FLOOR)	1992
					SECON	ID FLO	OR						
BEDROOM	22	31	9	walls	7	3,3	21	5,11	0,20	0,05	1,05		39
9.60 sq.m.	22	31	9	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		7
	22	31	9	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		7
												146	199
LIVING ROOM	22	31	9	walls	3,2	3,3	9,21	5,11	0,20	0,05	1,05		18
10.00 sq.m.	22	31	9	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		8
												152	178
LIVING/KITCHEN	22	31	9	walls	3,6	3,3	10,68	5,11	0,20	0,05	1,05		20
13.20 sq.m.	22	31	9	windows, doors	0,8	1,5	1,2	1,60	0,63	0,05	1,05		8
												200	228
BEDROOM	22	31	9	walls	3,4	3,3	8,37	5,11	0,20	0,05	1,05		16
11.00 sq.m.	22	31	9	windows, doors	1,9	1,5	2,85	1,60	0,63	0,05	1,05		17
												167	200

BEDROOM	22	31	9	walls	10,1	3,3	30,48	5,11	0,20	0.05	1.05		57
12.60 sq.m.	22	31	9	windows, doors	1,9	1,5	2,85	1.60	0,63	0,05	1,05		17
1				,	,	, -	,	,	- ,		,	191	265
REC.	22	31	9	walls	2,6	3,3	7,53	5,11	0,20	0,05	1,05		14
6.20 sq.m.	22	31	9	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		7
												94	115
BATH	22	31	9	walls	1,7	3,3	5,61	5,11	0,20	0,05	1,05		11
4.10 sq.m.												62	73
BATH	22	31	9	walls	2,1	3,3	6,03	5,11	0,20	0,05	1,05		12
4.90 sq.m.	22	31	9	windows, doors	0,6	1,5	0,9	1,60	0,63	0,05	1,05		6
												74	92
BEDROOM	22	31	9	walls	3,2	3,3	9,21	5,11	0,20	0,05	1,05		18
9.40 sq.m.	22	31	9	windows, doors	0,9	1,5	1,35	1,60	0,63	0,05	1,05		8
												143	169
BEDROOM	22	31	9	walls	7	3,3	21	5,11	0,20	0,05	1,05		39
9.40 sq.m.	22	31	9	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		7
	22	31	9	windows, doors	0,7	1,5	1,05	1,60	0,63	0,05	1,05		7
												143	196
												FLOOR)	343
									AIR LEAK	,		/	1371
								ΤΟΤΑ	L HEAT C	GAIN (S	ECOND	FLOOR)	1714
					A	TTIC							
BEDROOM	22	31	9	walls	6,5	3,3	19,23	5,11	0,20	0,05	1,05		36
8.60 sq.m.	22	31	9	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		7
	22	31	9	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		7
	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												130	187
LIVING ROOM	22	31	9	walls	9	3,3	27,09	5,11	0,20	0,05	1,05		51
33.50 sq.m.	22	31	9	windows, doors	0,87	1,5	1,305	1,60	0,63	0,05	1,05		8
	22	31	9	windows, doors	0,87	1,5	1,305	1,60	0,63	0,05	1,05		8
	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												508	582

LIVING ROOM	22	31	9	walls	10,8	3,3	33,39	5,11	0,20	0,05	1,05		62
30.10 sq.m.	22	31	9	windows, doors	1,5	1,5	2,25	1,60	0,63	0,05	1,05		14
	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												456	539
WASHROOM	22	31	9	walls	5	3,3	16,5	5,11	0,20	0,05	1,05		31
4.30 sq.m.	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												65	103
BATH	22	31	9	walls	1,7	3,3	4,71	5,11	0,20	0,05	1,05		9
4.80 sq.m.	22	31	9	windows, doors	0,6	1,5	0,9	1,60	0,63	0,05	1,05		6
	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												73	95
BEDROOM	22	31	9	walls	7	3,3	20,88	5,11	0,20	0,05	1,05		39
10.00 sq.m.	22	31	9	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		7
	22	31	9	windows, doors	0,74	1,5	1,11	1,60	0,63	0,05	1,05		7
	22	31	9	ceilings			3,5	5,46	0,18	0,05	1,05		7
												152	212
									TOTAL	. COND	UCTIVE	E (ATTIC)	334
									TOTAL	. AIR LE	EAKAGE	E (ATTIC)	1385
									TOT	AL HEA	AT GAIN	I (ATTIC)	1719
INTERNAL HEAT GE	EIN (PEC			PLIANCES), w	764								
SUB TOTAL HEAT O	GAIN (W	HOLE H	OUSE)	, W	1700								
VENTILATION HEAT	Γ GAIN (	WHOLE	HOUS	E), w	5962								

8426

TOTAL HEAT GAIN (WHOLE HOUSE), w



Committee of Adjustment City Hall, 5th Floor, 71 Main St. W., Hamilton, ON L8P4Y5

Phone: (905) 546-2424 ext. 4221 Email: <u>cofa@hamilton.ca</u>

#### APPLICATION FOR A MINOR VARIANCE

FOR OFFICE USE ONLY.	
APPLICATION NO.	
PAID	DATE APPLICATION DEEMED COMPLETE
SECRETARY'S SIGNATURE	

The Planning Act

Application for Minor Variance or for Permission

The undersigned hereby applies to the Committee of Adjustment for the City of Hamilton under Section 45 of the *Planning Act*, R.S.O. 1990, Chapter P.13 for relief, as described in this application, from the Zoning By-law.

1, 2	NAME	ADDRESS	
Registered Owners(s)	IZVOARE PROPERTIES INC.		-
Applicant(s)*	Vlad Andriuca Alexandru Andriuca		
Agent or Solicitor			
			E-mail:

Note: Unless otherwise requested all communications will be sent to the agent, if any.

3. Names and addresses of any mortgagees, holders of charges or other encumbrances;

Additional sheets can be submitted if there is not sufficient room to answer the following questions. Additional sheets must be clearly labelled

- Nature and extent of relief applied for: second parking spot doesn't meet city requirements
- 5. Why it is not possible to comply with the provisions of the By-law? parking spot is only 2,7m not 3,0m as By-Law require even if physically the car fits in
- Legal description and Address of subject lands (registered plan number and lot number or other legal description and where applicable, street and street number):
   28 Burris st, Hamilton, ON L8M2J3 LT 7, PL 578 ; PT LT 6, PL 578 ; PT LT 8, PL 578 , AS IN VM143350 ; HAMILTON ARN : 251803023153920

#### 7. PREVIOUS USE OF PROPERTY

	Residential 🚺 Industrial 🛄 Commercial 🛄
	Agricultural Vacant
	Other rooming house
8.1	If Industrial or Commercial, specify use
8.2	Has the grading of the subject land been changed by adding earth or other material, i.e. has filling occurred?
	Yes 🜔 No 🦲 Unknown 🜔
8.3	Has a gas station been located on the subject land or adjacent lands at any time? Yes No Unknown
8.4	Has there been petroleum or other fuel stored on the subject land or adjacent lands?         Yes       O       No       O         Unknown       O
8.5	Are there or have there ever been underground storage tanks or buried waste on the subject land or adjacent lands? Yes O. No O. Unknown
8.6	Have the lands or adjacent lands ever been used as an agricultural operation where cyanide products may have been used as pesticides and/or sewage sludge was applied to the lands?
	Yes 💭 No 🕘 Unknown 💭
8.7	Have the lands or adjacent lands ever been used as a weapon firing range? Yes No Unknown
8.8	Is the nearest boundary line of the application within 500 metres (1,640 feet) of the fill are of an operational/non-operational landfill or dump? Yes No Unknown
8.9	If there are existing or previously existing buildings, are there any building materials remaining on site which are potentially hazardous to public health (eg. asbestos, PCB's)? Yes O No O Unknown

8.10	Is there any rea	ason to believe th	ne subject land may	have been conta	aminated by former
	uses on the sit	e or adjacent site No	s?	-	•
	Yes <u>()</u>	No 💽	Unknown 🔶		

- 8.11 What information did you use to determine the answers to 9.1 to 9.10 above? checked the history of the property
- 8.12 If previous use of property is industrial or commercial or if YES to any of 9.2 to 9.10, a previous use inventory showing all former uses of the subject land, or if appropriate, the land adjacent to the subject land, is needed.

Is the previous use inventory attached?	Yes

#### 9. ACKNOWLEDGEMENT CLAUSE

I acknowledge that the City of Hamilton is not responsible for the identification and remediation of contamination on the property which is the subject of this Application – by reason of its approval to this Application.

April 15, 2021	
Date Signature Property Owner	
	Alexandru Andriuca

Print Name of Owner

No

10. Dimensions of lands affected:

Frontage	38.91 ft	
Depth	73.75 ft	
Area	2,981.60 ft <sup>2</sup>	
Width of street		

11. Particulars of all buildings and structures on or proposed for the subject lands: (Specify ground floor area, gross floor area, number of stories, width, length, height, etc.) Existing:

2 1/2 stories, 8m wide, 17m long, 3900sqft

Proposed no changes

12. Location of all buildings and structures on or proposed for the subject lands; (Specify distance from side, rear and front lot lines)

Existing:

5,6m from the side, 4,0m from the front, 3m at the back

Proposed: no changes

13. 👘	Date of acquisition of subject lands:
	Jun 22, 2020

- 14. Date of construction of all buildings and structures on subject lands: n/a
- 15. Existing uses of the subject property: rooming house
- 16. Existing uses of abutting properties:
- 17. Length of time the existing uses of the subject property have continued: n/a
- 18. Municipal services available: (check the appropriate space or spaces)

   Water ×
   Connected \_\_\_\_\_\_

   Sanitary Sewer ×
   Connected \_\_\_\_\_\_

   Storm Sewers ×
   \_\_\_\_\_\_
- 19. Present Official Plan/Secondary Plan provisions applying to the land:
- Present Restricted Area By-law (Zoning By-law) provisions applying to the land:
   D/ S497a
- 21. Has the owner previously applied for relief in respect of the subject property? Yes
  No
  If the answer is yes, describe briefly.
- 22. Is the subject property the subject of a current application for consent under Section 53 of the *Planning Act*?

⊖ Yes

●No

- 23. Additional Information
- 24. The applicant shall attach to each copy of this application a plan showing the dimensions of the subject lands and of all abutting lands and showing the location, size and type of all buildings and structures on the subject and abutting lands, and where required by the Committee of Adjustment such plan shall be signed by an Ontario Land Surveyor.