SCOPE OF THIS APPLICATION:

ADDITION TO MAIN FLOOR OVER BASEMENT WALKOUT

THERE IS NO CHANGE IN THE OCCUPANCY AND IT WILL REMIN SINGLE FAMILY DWELLING

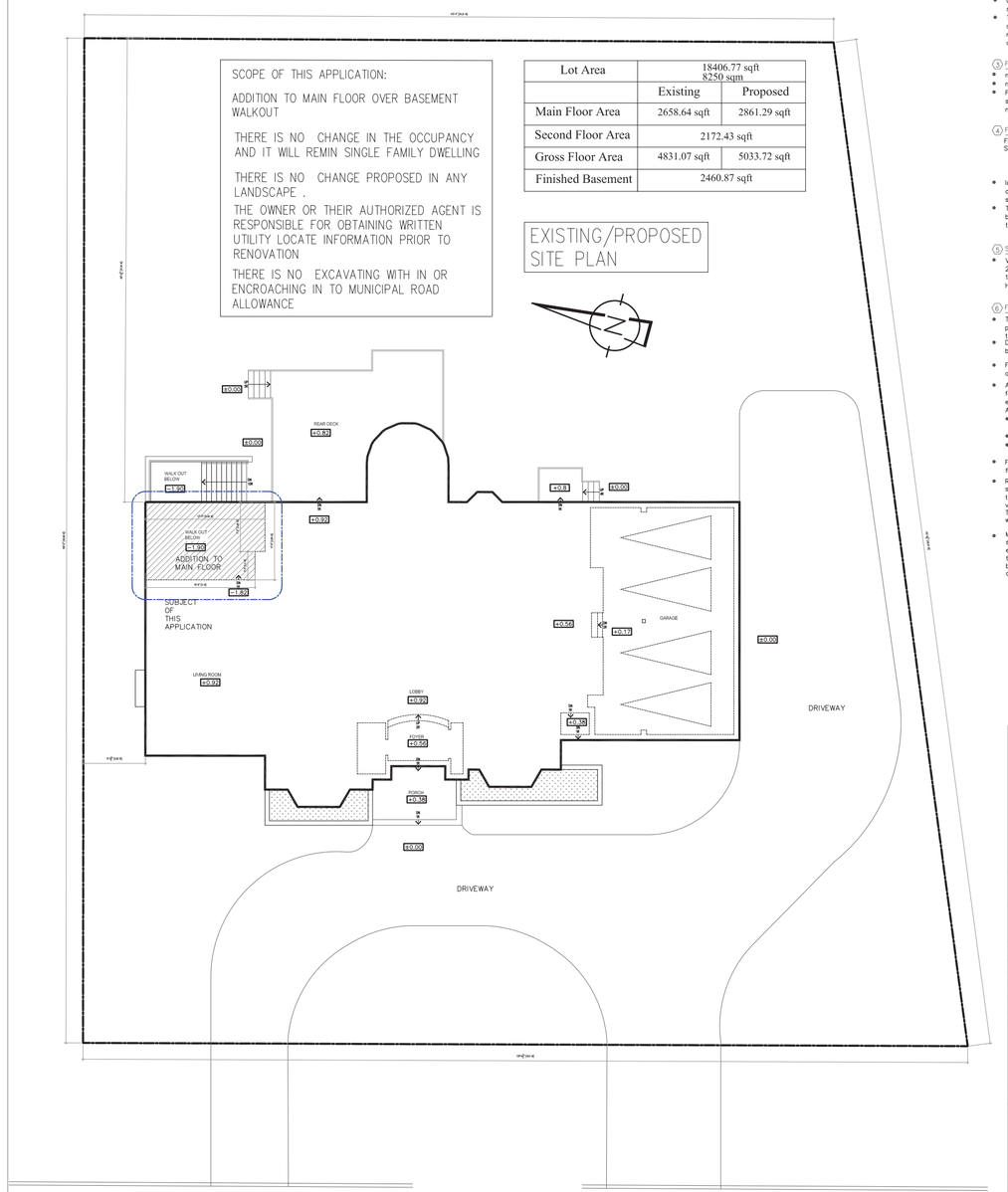
THERE IS NO CHANGE PROPOSED IN ANY LANDSCAPE .

THE OWNER OR THEIR AUTHORIZED AGENT IS RESPONSIBLE FOR OBTAINING WRITTEN UTILITY LOCATE INFORMATION PRIOR TO RENOVATION

THERE IS NO EXCAVATING WITH IN OR ENCROACHING IN TO MUNICIPAL ROAD ALLOWANCE

Lot Area	18406.77 sqft 8250 sqm
	Existing / Proposed
Main Floor Area	2658.64 sqft / 2861.29 sqft
Second Floor Area	2172.43 sqft
Gross Floor Area	4831.07 sqft / 5033.72 sqft
Finished Basement	2460.87 sqft

EXISTING/PROPOSED SITE PLAN



1 Excavation and Backfill

- Excavation shall be undertaken in such a manner so as to prevent damage to existing structures, adjacent property and utilities
- The topsoil and vegetable matter in unexcavated areas under a building shall be removed. The bottom of excavations for foundations shall be free of all organic material
- If termites are known to exist, all stumps, roots and wood debris shall be removed to a minimum depth of11 3/4" in excavated areas under a building, and the clearance between untreated structural wood elements and the ground shall be no less than17 3/4"
- Backfill within 23 5/8" of the foundation walls shall be free of deleterious debris and boulders over 9 7/8" in diameter

2 Dampproofing and Drainage

- In normal soil conditions, the exterior surfaces of foundation walls enclosing basements and crawl spaces shall be dampproofed. Where hydrostatic pressure occurs, a waterproofing system is required
- Masonry foundation walls shall be parged with 1/4Sit mortar coved over the footing prior to dampproofing
- 4" foundation drains shall be laid on level, undisturbed ground adjacent to the footings at or below the top of the basement slab or crawl space floor, and shall be covered with 6" of crushed stone. Foundation drains shall drain to a storm sewer, drainage ditch, dry well or sump
- Downspouts not directly connected to a storm sewer shall have extensions to carry water away from the building, and provisions shall be made to prevent soil erosion
- Concrete slabs in attached garages shall be sloped to drain to the exterior
- The building site shall be graded so that surface, sump and roof drainage will not accumulate at or near the building and will not adversely affect adjacent properties

3 Footings

- minimum2200 psi poured concrete
- minimum48" below finished grade
- Footings shall be founded on natural undisturbed soil, rock or compacted granular fill with minimum bearing capacity of 1570psf

4 Footing Size

Floors Supported	Supporting Ext. Wall	Supporting Int. Wall	Column Area
1	9 7/8"	9 7/8"	4.3 ft2
2	13 3/4"	13 3/4"	8.1 ft2
3	17 3/4"	19 3/4"	10.9 ft2

- Increase footing width by2 5/8" for each storey of brick veneer supported, and by 5 1/8" for each storey of masonry
- The projection of an unreinforced footing beyond the wall supported shall not be greater than its thickness

5 Step Footings

- Vertical Rise
  23 5/8" Max. for firm soils
  15 3/4" Max. for sand or gravel
  Horizontal Run = 23 5/8Min.

6 Foundation Walls

- To be poured concrete, unit masonry or preserved wood (see drawings for type and thickness)
- Dampproofing shall be a heavy coat of bituminous material.
- Foundation wall to extend minimum 5 7/8" or 150mm above finished grade as per OBC 9.15.4.6.
- A drainage layer is required on the outside of a foundation wall where the interior insulation extends more than2'-11Below exterior grade. A drainage layer shall consist of
  - Min. 3/4" mineral fibre insulation with min. Density of3.6 lb/sqft
  - Min. 4" of free drainage granular material,
  - An approved system which provides equivalent performance
- Foundation walls shall be braced or have the floor joists installed before backfilling
- Reduction in thickness: the reduced section shall be tied to the facing material with metal ties spaced not more than (i) 200 mm (7 7/8") o.c. vertically, and (ii) 900 mm (2' 11") o.c. horizontally. The space between wall and facing shall be filled with mortar.
- Maximum height of finished grade above basement slab for concrete wall of poured concrete (See plans/ elevations) Foundation walls laterally supported at the top, provide control joints every 49' 0" from tile holes to be sealed with minimum 3000 PSI concrete. Soil condition to be verified by soil engineer.

7 Concrete Floor Slabs

- Garage, carport and exterior slabs and exterior steps shall be4650psi concrete with 5-8% air entrainment
- Other slabs 3600psi concrete
- Minimum 4" thick, placed on a minimum 4" of coarse, clean, granular material
- All fill other than coarse clean material placed beneath concrete slabs shall be compacted to provide uniform support

8 Masonry Walls

- Where constructed of3 1/2" brick, wall shall be bonded with header course every 6th course
- Provide 2" solid masonry or continuedl/2" plate under all roof and floor framing members
- Provide 7 1/2"solid masonry under beams and columns
- Masonry wall to be tied to each tier of joists with 1 9/16" x 3/16"corrosion resistant steel straps, keyed minimum 4" into masonry. When joists are parallel to wall, ties are to extend across at least 3 joists @ 6'-7" o.c.
- Inside back of wall to be parged and covered with Nat5 breather-type asphalt paper
- For reduced foundation walls to allow a brick facing while maintaining lateral support, tie minimum 3 1/2"brick to minimumb 1/2back-up block with corrosion resistant ties at least 0.028in² in cross sectional area, spaced 7 7/8" vertically and2'-11" horizontally, with joints completely filled with mortar
- Masonry over openings shall be supported on corrosion resistant or prime painted steel lintels with a minimum of 5 7/8"end bearing

9 Masonry Veneer

- Minimum 2 3/4"thick if joints are not raked and 3 1/2"thick if joints are raked
- Minimum 1" air space to sheathing
- Provide weep holes @ 31 o.c. at the bottom of the cavity and over doors and windows
- Direct drainage through weep holes with30 mil poly flashing extending minimum5 7/8" up behind the sheathing paper
- Veneer ties minimum 0.030" thick x7/8"wide corrosion resistant straps spaced @ 23 5/8" vertically and15 3/4" horizontally
- Fasten ties with corrosion resistan0.125" diameter screws or spiral nails which penetrate at least 1-3/16" into studs

10 Wood Frame Construction

- All lumber shall be spruce-pine-fir No.1 &2, and shall be identified by a grade stamp
- Maximum moisture content19% at time of installation
- Wood framing members which are supported on concrete in direct contact with soil shall be separated from the concrete with 6 mil polyethylene
- Sill plate set on foam gasket, poly, or mortar bed and anchored 6'-0" o.c. with anchor bolts set into concrete a min depth of 4". a

11 Walls

- Exterior walls shall consist of:
  - cladding
  - sheathing paper lapped 4"at joints
  - 3/8"fibreboard or gypsum board ot/4" plywood sheathing
  - 2x6 studs @6" o.c.
  - 2x6 bottom plate and doub2x6 top plate
  - 2x4 studs @6"o.c.can be utilized provided the combined R value of the batt insulation and exterior rigid insulation achieves R-22.
- Interior walls shall consist of:
  - 2x4studs @16" o.c.
  - 2x4 bottom plate and double 2x4 top plate
  - 2x4mid-girts if not sheathed
  - 1/2" gypsum board sheathing

12 Floors

- Joists to have minimum 1 1/2"of end bearing
- Joists shall bear on a sill plate fixed to foundation with 1/2"anchor bolts @ 7' 10" o.c
- Header joists between 3' 11"and 10' 6" in length shall be doubled. Header joists exceeding 10' 6"shall be sized by calculations
- Trimmer joists shall be doubled when supported header is between9' 7"and 6' 7".trimmer joists shall be sized by calculations when supported header exceeds 6' 7"
- 2x2 cross bridging required not more than 6' 11" from each support and from other rows of bridging
- Joists shall be supported on joist hangers at all flush beams, trimmers, and headers.
- Joists located under parallel non-loadbearing partitions shall be doubled

13 Roof & Ceilings

- Hip and valley rafter shall be" deeper than common rafters
- 2x4 collar ties @ rafter spacing with 1x4 continuous brace at mid span if collar tie exceeds 7' 10" in length
- No. 210 (30.5Kg/m2) ashalt shingles

14 Notching & Drilling of Trusses, Joists, Rafters

- Holes in floor, roof and ceiling members to be maximum1/4x actual depth of member and not less than2" from edges
- Notches in floor, roof and ceiling members to be located on topof the member with1/6the actual depth from the edge of bearing and not greater than1/3 joist depth
- Wall studs may be notched or drilled provided that no less than2/3 the depth of the stud remains, if load bearing, and1/6(1" non-load bearing
- Roof truss members shall not be notched, drilled or weakened unless accommodated in the design

15 Roofing

- Fasteners for roofing shall be corrosion resistant. Roofing nails shall penetrate through or at least 1/2" into roof sheathing
- Every asphalt shingle shall be fastened with at least4 nails
- Eave protection shall extend" 11"up the roof slope from the edge, and at le8t3/4from the inside face of the exterior wall, and shall consist of Type M or Type S Roll Roofing laid with minimum" head and end laps cemented together,or glass Fibre or Polyester Fibre coated base sheetsor self sealing composite membranes consisting of modified bituminous coated material. Eave protection is not required for unheated buildings, for roofs exceeding a slope of1 in 1:3, or where a low slope asphalt shingle application is provided
- Open valleys shall be flashed with layers of roll roofing, of layer of sheet metal min. 5/8"wide 23
- Flashing shall be provided at the intersection of shingle roofs with exterior walls and chimneys
- Sheet metal flashing shall consist of not less than 1/16Sheetlead,0.013" galvanized steel,0.018" copper, 0.018" zinc, or 0.019"aluminum
- Roof ventilation 1 sq.ft. per 300 sq.ft of ceiling area (50% at eaves) as per 9.29 O.B.C

16 Columns, Beams & Lintels

- Steel beams and columns shall be shop primed.
- Minimum 3 1/2"end bearing for wood and steel beams, with" 7/8"solid masonry beneath the beam
- Steel columns to have minimum outside diameter of2 7/8"and minimum wall thickness of 3/16"
- Wood columns for carports and garages shall be minimum3 1/2" x 3 1/2", all other cases either 5 1/2" x 5 1/2"? 1/4"Round, unless calculations based on actual loads show lesser sizes are adequate. All columns shall be not less than the width of the supported member3/8"
- Masonry columns shall be a minimum of x 11 3/8in 9 1/2" x 15"
- Provide solid blocking the full width of the supported member under all concentrated loads

17 Insulation & Weatherproofing

- Insulation shall be protected with gypsum board or an equivalent interior finish, except for unfinished basements where 6 mm poly is sufficient for fibreglass type insulations
- Ducts passing through unheated space shall be made airtight with tape or sealant
- Caulking shall be provided for all exterior doors and windows between the frame and the exterior cladding
- Weatherstripping shall be provided on all doors and access hatches to the exterior, except doors from a garage to the exterior
- Exterior walls, ceilings and floors shall be constructed so as to provide a continuous barrier to the passage of water vapour from the interior and to the leakage of air from the exterior
- 1 1/2" (R10) rigid perimeter insulation to extend 2'-0 below ext .fin.grade

18 Natural Ventilation

- Every roof space above an insulated ceiling shall be ventilated with unobstructed openings equal to not less than1/300 of insulated area
- Insulated roof spaces not incorporating an attic shall be ventilated with unobstructed openings equal to not less than1/150 of insulated area.
- Roof vents shall be uniformly distributed and designed to prevent the entry of rain, snow or insects
- Unheated crawl spaces shall be provided with 1.1 sqft of ventilation for each 538 sqft
- Minimum natural ventilation areas, where mechanical ventilation is not provided, are:
  Bathrooms: 0.97 sqft
  other rooms: 3 sqft
  Unfinished basement:0.2% of floor area

19 Doors and Windows

- Every floor level containing a bedroom and not served by an exterior door shall contain at l4ast window having an unobstructed open area of 3.8 sqft and no dimension less than15" which is openable from the inside without tools
- Exterior house doors and windows within 6' 7" from grade shall be constructed to resist forced entry. Doors shall have a deadbolt lock
- The principal entry door shall have either a door viewer, transparent glazing or a sidelight

20 Exterior Walls

- No windows or other unprotected openings are permitted in exterior walls less than 3' 11" from property lines
- 5/8"fire rated drywall shall be installed on the inside face of attached garage exterior walls and gable ends of roofs which are less than 2' 11" from property lines
- Non combustible cladding shall be installed on all exterior walls less than 23 5/8" from property lines

21 Ceramic Tile

- When ceramic tile applied to a mortar bed with adhesive, the bed shall be a minimum of1/2" thick & reinforced with galvanized diamond mesh lath, applied over polyethylene on subflooring on joists at no more than 16"o.c. with at least2 rows cross bridging

22 Access to Attics and Crawl Spaces

- Access hatch minimum 21 1/2"x 23"to be provided to every crawl space and every roof space which is108 sqft or more in area and more than23 5/8" in height

23 STUCCO

(Durex Stucco wall system or approved equivalent)
Durex architectural coating
1 Coat durex brush coat
2 Coats durex dryplast concentrate
Expanded galvanized metal lath
Building paper

- Exterior siding or stucco as per elevation. Felt impregnated paper or house wrap (tyvex) on $\frac{7}{16}$" exterior type plywood sheathing on 2x6 at 16" O/C wood studs with wall thickness insulated with a min. R-22 factor and 8 mil N.B.D poly V.B.
- Stucco shall be applied with min. $\frac{1}{2}$" thick first coat embedded in galv. mesh. The second coat with a min. $\frac{7}{8}$" thickness to be rough finished. The finished coat shall be not less than $\frac{5}{8}$" thick.

24 Alarms and Detectors

- At least one smoke alarm shall be installed on or near the ceiling on each floor and basement level 2' 11"or more above an adjacent level
- Smoke alarms conforming to CAN/ULC-S531, "Smoke Alarms", shall be installed in each dwelling unit and in each sleeping room not within a dwelling unit. In compliance with the subsection 9.10.19. of the OBC.
- All smoke alarms are required to be provided with visual signaling components (9.10.19.3.(5)).
- Where a fuel-burning appliance is installed ina suite of residential occupancy, a carbon monoxide alarm shall be installed adjacent to each sleeping area in the suite. In compliance with the subsection 9.33.4. of the OBC.
- When a garage is attached to the dwelling unit, a carbon monoxide alarm shall be installed adjacent to each sleeping room.

25 Stairs

- Maximum Rise 7 7/8"
- Minimum Run 10 1/4"
- Minimum Head Room 6' 5"
- Minimum Width 2' 10"
- Curved stairs shall have a min. run of 5 7/8" at any point and a minimum average run of 7 7/8"
- Winders which converge to a point in stairs must turn through an angle of no more than 90°, with no less than 30or more than 45 per tread. Sets of winders must be separated by 3' 11" along the run of the stair
- A landing minimum 2' 11" in length is required at the top of any stair leading to the principal entrance to a dwelling, and other entrances with more than 3 risers
- Exterior concrete stairs with more than 2 risers require foundations

26 Handrails and Guards

- A handrail is required for interior stairs containing more than 2 risers and exterior stairs containing more than 3 risers
- Guards are required around every accessible surface which is more than 23 5/8"above the adjacent level
- Interior and exterior guards min. 2' 11"high. Exterior guards shall be 3' 6" high where height above adjacent surface exceeds 5' 11"
- Guards shall have no openings greater than 4" and no member between 4"and 2' 11" that will facilitate climbing

27 Plumbing

- Every dwelling requires a kitchen sink, lavatory, water closet, bathtub or shower stall and the installation or availability of laundry facilities
- A floor drain shall be installed in the basement, and connected to the sanitary sewer where gravity drainage is possible. In other cases, it shall be connected to a storm drainage system, ditch or dry well

28 Electrical

- An exterior light controlled by an interior switch is required at every entrance
- A light controlled by a switch is required in every kitchen, bedroom, living room, utility room, laundry room, dining room, bathroom, vestibule, hallway, garage and carport. A switched receptacle may be provided instead of a light in bedrooms and living rooms
- Stairs shall be lighted, and except where serving an unfinished basement shall be controlled by a way switch at the head and foot of the stairs
- Basements require a light for each 323 sqft controlled by a switch at the head of the stairs

29 Mechanical Ventilation

- A mechanical ventilation system is required with a total capacity at least equal to the sum of:
  - 20 cfm each for basement and master bedroom
  - 10 cfm for each other room
- A principal dwelling exhaust fan shall be installed and controlled by a centrally located switch identified as such
- Supplemental exhaust shall be installed so that the total capacity of all kitchen, bathroom and other exhausts , less the principal exhaust, is not less than the total required capacity
- A Heat Recovery Ventilator may be employed in lieu of exhaust to provide ventilation. An HRV is required if any solid fuel burning appliances are installed
- Supply air intakes shall be located so as to avoid contamination from exhaust outlets
- Dryers to be vented directly to outside through wall or roof.

30 Fireplaces

- Direct vent gas fireplace
  Installed as per manufacturers specifications

31 Window Wells

- Window wells shall be drained to the weeping tile

32 Gasproof Doors

- Gasproof door and frame assembly with O/H closer and weatherstripping

33 Gasproofed Walls & Ceiling

- Gragage walls and ceiling shall be gasproofed with 1/2" G.B. and taped joists

34 Dampproofed Stairs

- Basement stair stringers shall be dampproofed u/s with 45# building paper

35 Rain Water Leaders

- R.W.L. Drained to conc. splash pads

Name of Practice: Enter address and contact information here.	HIRMAN ARCHITECTS INC. UNIT 113,9471 YONGE STREET,RICHMOND HILL,ON, L4C 0Z5 P: (647) 4013922 E: hirman.studio@gmail.com	ONTARIO ASSOCIATION OF ARCHITECTS FEB 25/2025 MANI YEGANEGI LICENCE 9456
Name of Project: Enter name here.	ADDITION TO MAIN FLOOR OVER BASEMENT WALKOUT	
Location: Enter address here.	21 Limcombe Drive, Markham	

Item	Ontario's 2012 Building Code Data Matrix Part 3 or 9		BC Reference: References are to Division B unless noted [A] for Division A or [C] for Division C	
1	Project Description:	☐ New ☐ Part 11 ■ Addition 11.1 to 11.4 ☐ Change of Use ☐ Alteration	☐ Part 3	■ Part 9
2	Major Occupancy(s) GROUP C RESIDENTIAL OCCUPANCY		3.1.2.1.(1)	9.10.2.
3	Building Area (m²) Existing 319.38 New 18.82 Total 338.2		1.4.1.2. [A]	1.4.1.2. [A]
4	Gross Area Existing 448.82 New 18.82 Total 467.64		1.4.1.2. [A]	1.4.1.2. [A]
5	Number of Storeys Above grade 1 Below grade 1		1.4.1.2. [A]&3.2.1.1.	1.4.1.2[A] & 9.10.4
6	Number of Streets/Fire Fighter Access 1		3.2.2.10. & 3.2.5.	9.10.20.
7	Building Classification GROUP C- RSIDENTIAL OCCUPANCY		3.2.2.20.- 83	9.10.2.
8	Sprinkler System Proposed	☐ entire building ☐ selected compartments ☐ selected floor areas ☐ basement ☐ in lieu of roof rating ■ not required	3.2.2.20.- 83 3.2.1.5. 3.2.2.17. INDEX	9.10.8.2. INDEX
9	Standpipe required	☐ Yes ■ No	3.2.9.	N/A
10	Fire Alarm required	☐ Yes ■ No	3.2.4.	9.10.18.
11	Water Service/Supply is Adequate	■ Yes ☐ No	3.2.5.7.	N/A
12	High Building	☐ Yes ■ No	3.2.6.	N/A
13	Construction Restrictions: ■ Combustible permitted ☐ Non-combustible required ☐ Both Actual Construction ■ Combustible ☐ Non-combustible ☐ Both		3.2.2.20.- 83	9.10.6.
14	Mezzanine(s) Area m²		3.2.1.1.(3)-(8)	9.10.4.1.
15	Occupant load based on ☐ m²/person ■ design of building Basement Occupancy C Load 6 persons 1st Floor Occupancy C Load 2 persons 2nd Floor Occupancy " Load 8 persons 3rd Floor Occupancy " Load - persons (Additional floor areas continued on last page)		3.1.17.	9.9.1.3.
16	Barrier-free Design	☐ Yes ■ No (Explain) SINGLE FAMILY DWELLING.	3.8.	9.5.2.
17	Hazardous Substances	☐ Yes ■ No	3.3.1.2. & 3.3.1.19.	9.10.1.3.(4)

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September, 2008

18	Required Fire Resistance Rating (FRR)	Horizontal Assemblies FRR (Hours): Floors 0 Hours; Roof 0 Hours; Mezzanine 0 Hours	Listed Design No. or Description (SG-2)	3.2.2.20.- 83 & 3.2.1.4.	9.10.8. 9.10.9.						
		FRR of Supporting Members: Floors 0 Hours; Roof 0 Hours; Mezzanine 0 Hours	Listed Design No. Or Description (SG-2)								
19	Spatial Separation & Construction of Exterior Walls								3.2.3.	9.10.14.	
	Wall	Area of EBF (m²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb Const	Comb. Constr. None, Cladding	Non-comb. Constr.
	North	105.21			9	6.45	N/R	N/A	YES		
	South	98.44			100	9.45	N/R	N/A	YES		
	East	155.81			100	26.2	N/R	N/A	YES		
	West	145.04			100	23.91	N/R	N/A	YES		
20	Plumbing Fixture Requirements									BC Reference: ☐ Part 3 ☐ Part 9	
	Male/Female Count @ ____% / ____%, except as noted otherwise										
	Basement: Occupancy _____										
	Occupancy _____										
	1st Floor: Occupancy _____										
	Occupancy _____										
	2nd Floor: Occupancy _____										
	Occupancy _____										
	3rd Floor: Occupancy _____										
	Occupancy _____										
	(Adjust as Required for Additional Floors or Occupancies)										
	Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided							
21	Other (describe) _____										
	15 (Occupant Load - Continued)										
	_____Floor Occupancy _____ Load _____ persons										
	_____Floor Occupancy _____ Load _____ persons										
	_____Floor Occupancy _____ Load _____ persons										
	_____Floor Occupancy _____ Load _____ persons										
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	_____Floor Occupancy _____ Load _____ persons										
	_____Floor Occupancy _____ Load _____ persons										
	_____Floor Occupancy _____ Load _____ persons										

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Hirman Architects
ISSUED FOR
PERMIT 2025-02-25

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THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN, AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE O.B.C TO BE A DESIGNER. QUALIFICATION INFORMATION REQUIRED UNLESS DESIGN IS EXEMPT UNDER DIVISION C-3.2.5.1. OF THE 2012 O.B.C (OR 2.17.5.1. OF THE 1997 O.B.C)

ONTARIO ASSOCIATION OF ARCHITECTS FEB 25/2025 MANI YEGANEGI LICENCE 9456

SHEET TITLE: SITE PLAN
CONSTRUCTION NOTE
DATA MATRIX

SCALE: 1/16"=1'-0"

PAPER SIZE: 18"x24"

N

ARCHITECTURAL DESIGN
HIRMAN ARCHITECTS INC.
UNIT 113,9471 YONGE STREET
RICHMOND HILL, ON., L4C 0Z5
Tel: (647) 401-3922
Email: hirman.studio@gmail.com

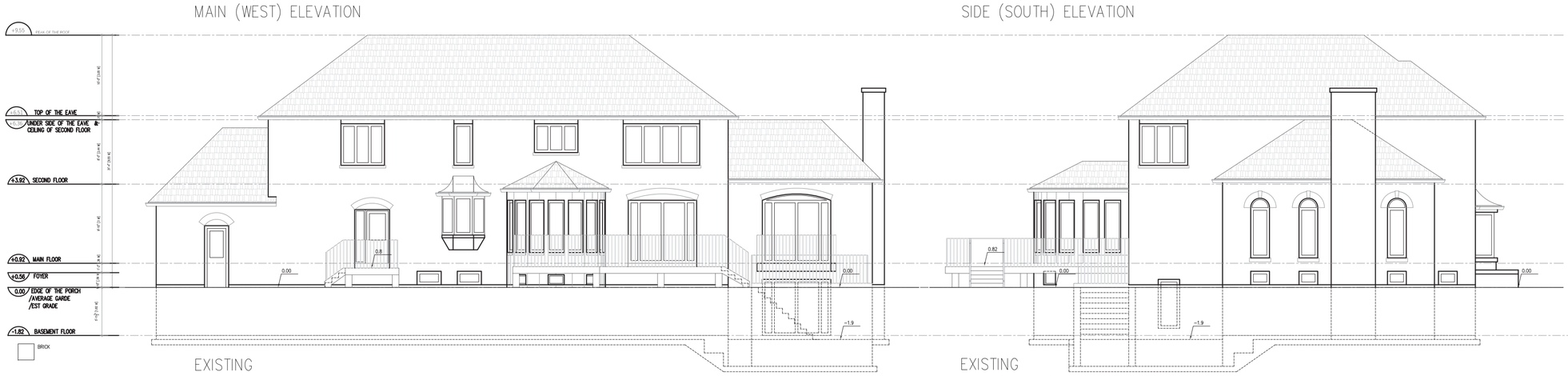
PROJECT:

21 LIMCOMBE DRIVE, MARKHAM

SHEET NUMBER: A0

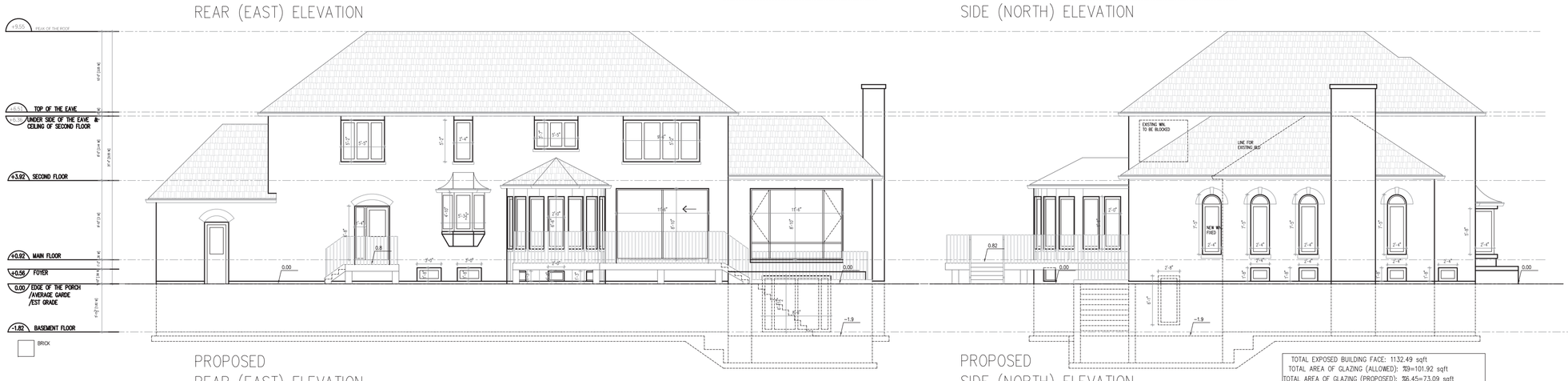
EXISTING/PROPOSED
MAIN (WEST) ELEVATION

EXISTING/PROPOSED
SIDE (SOUTH) ELEVATION



EXISTING
REAR (EAST) ELEVATION

EXISTING
SIDE (NORTH) ELEVATION



PROPOSED
REAR (EAST) ELEVATION

PROPOSED
SIDE (NORTH) ELEVATION

ENERGY EFFICIENCY CALCS. (AS PER OBC SB-12 3.1.1.2.A)						
	FRONT [W]	SIDE [S]	REAR [E]	SIDE [N]	SKYLITES	TOTALS
AREA OF WALLS	1561.21 sq.ft	1059.61 sq.ft	1677.15 sq.ft	1132.49 sq.ft	–	5430.46 sq.ft
TOTAL OPENINGS (INCL. SKYLITES)	373.43 sq.ft.	100.14 sq.ft.	439.52 sq.ft.	169.32 sq.ft.	16 sq.ft.	1098.41 sq.ft. (20.22 %)

ENERGY EFFICIENCY COMPLIANCE OPTION

SB-12 PRESCRIPTIVE
(ZONE 1, COMPLIANCE PACKAGE A1,
AFUE 96%, MAX. U-VALUE = 1.4
FOR WINDOWS & SLIDING GLASS DOORS
AS PER OBC SB-12 3.1.1.2.A

TOTAL EXPOSED BUILDING FACE: 1132.49 sqft
TOTAL AREA OF GLAZING (ALLOWED): 703=101.92 sqft
TOTAL AREA OF GLAZING (PROPOSED): 766.45=73.09 sqft
LIMITING DISTANCE: 2.83 M

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ONTARIO ASSOCIATION OF ARCHITECTS
FEB.25/2025
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LICENCE
9456

SHEET TITLE: ELEVATIONS

SCALE: 3/16"=1'-0"
PAPER SIZE: 18"x24"

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